



**Hong Kong**  
**Table of Frequency Allocations**

April 2024

Office of the Communications Authority

## **Preface**

This handbook contains the table of frequency allocations in accordance with the Region 3 allocations under the Radio Regulations which are applicable to Hong Kong, the allocations which have been adopted by Hong Kong, as well as the band plans in use in Hong Kong. This publication is intended to provide a handy reference for spectrum management, radiocommunications systems design, and other related areas of applications.

This handbook can be downloaded direct from the Office of the Communications Authority's Internet homepage at <http://www.ofca.gov.hk>. For further information, please contact the Spectrum Planning Section 3 of the Office of the Communications Authority ("OFCA") at the following address:

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## How to use this handbook

The information is given in table form.

The "REGION 3 ALLOCATION" column gives the overview of allocations in Region 3 on the basis of the Radio Regulations published by the International Telecommunication Union (ITU). For details of the frequency allocations in Region 3, reference should be made to the Article 5 of the Radio Regulations.

Allocations as changed by World Radiocommunication Conferences (WRC) 2019 (WRC-19) are marked by an asterisk "\*" and the allocations before and after the revision are summarised in Annex I.

The Communications Authority recognises the public interest in channel arrangements for fixed services and therefore intends to provide the information as far as possible. Fixed service marked by an "#" indicates that its channel arrangement is available in Annex II.

The table presentation is in line with the Radio Regulations. Where, in a box of the table in the "REGION 3 ALLOCATION" or "HONG KONG ALLOCATION" column, a band is indicated as allocated to more than one service, such services are listed in the following order :

- a. services the names of which are printed in "capitals" (example : FIXED) : these are called "primary" services;
- b. services the name of which are printed in "normal characters" (example: Mobile); these are called "secondary" services.

Additional remarks are printed in normal characters (example : Mobile except aeronautical mobile).

Stations of a secondary service shall not cause harmful interference to stations of primary services and cannot claim protection from harmful interference from stations of primary services.

The "HONG KONG ALLOCATION" column shows the allocations which have been adopted by Hong Kong. The "BAND PLAN AND EXISTING UTILISATION" column is intended to provide more details of existing band plan and utilisation as well as other available technical information. The "REMARKS" column shows the availability and utilisation status.

Supplementary information is given at the bottom of the page.

# Hong Kong

## Table of Frequency Allocations

## Legend of the Remarks

Legend	Description
“A”	All radio emissions in this band are prohibited according to the Radio Regulations of the International Telecommunication Union. OFCA will not assign any frequency channels.
“B”	Frequency channels in this band can be re-used at different geographical locations or share-used by different users at the same geographical location. If vacant channels are available, the figure given in the corresponding “remarks” column indicates the percentage of the number of channels that are vacant. OFCA can assign the “assigned” frequency channels or “vacant” channels to new users.
“C”	Frequency channels in this band are reserved for Government use only. OFCA will not assign any frequency channels for non-Government services.
“D”	No vacant channel in this band is available for broadcasting services with a territory-wide coverage. Frequency channels are assigned to licensed operators only. Subject to technical feasibility study, frequency channels may be made available for improving the coverage of broadcasting services.
“E”	There is no vacant channel in this band. Further assignment of frequency channels cannot be made.
“F”	Some frequency channels in this band have been assigned on a temporary basis. Vacant channels may not be enough to meet the anticipated demand. The figure given in the corresponding “remarks” column indicates the percentage of the number of channels that are vacant.

Legend	Description
“G”	Frequency channels in this band can be re-used at different locations. Further assignments can be made on a case-by-case basis.
“H”	There is one vacant localised channel for broadcasting services in this band. The localised channel is limited to provide coverage at Shek Kong. Frequency channels are only assigned to licensed operators.
“I”	This band is not yet allocated to any services for the time being. Any interested user may raise a request to OFCA.
“J”	Frequency channels in this band are share-used by all users under the exemption orders or class licences.
“K”	All frequency channels in this band are vacant. OFCA can assign the vacant channels to new users.
“L”	The use of this band is shared by broadcasters worldwide. Frequency channels in this band are assigned to licensed broadcasters only, subject to frequency coordination with other jurisdictions according to the procedures in Article 12 of the Radio Regulations of the International Telecommunication Union.

kHz  
3 - 90

REGION 3 ALLOCATION	HONG KONG ALLOCATION	BAND PLAN AND EXISTING UTILISATION	REMARKS
<b>BELOW 8.3</b> (Not allocated)	<b>3 - 9</b> TO BE PLANNED	<b>3 - 9</b> (a) Telecommunications Apparatus [1] 3 - 195 kHz	(a) See note "J"
<b>8.3 - 9</b> METEOROLOGICAL AIDS			
<b>9 - 11.3</b> METEOROLOGICAL AIDS RADIONAVIGATION	<b>9 - 14</b> RADIONAVIGATION	<b>9 - 14</b> (a) Radionavigation (b) Telecommunications Apparatus [1] 3 - 195 kHz	(a) See note "C" (b) See note "J"
<b>11.3 - 14</b> RADIONAVIGATION			
<b>14 - 19.95</b> FIXED MARITIME MOBILE	<b>14 - 19.95</b> MARITIME MOBILE	<b>14 - 19.95</b> (a) Maritime mobile (b) Telecommunications Apparatus [1] 3 - 195 kHz	(a) See note "K" (b) See note "J"
<b>19.95 - 20.05</b> STANDARD FREQUENCY AND TIME SIGNAL (20 kHz)	<b>19.95 - 20.05</b> STANDARD FREQUENCY AND TIME SIGNAL (SFT)	<b>19.95 - 20.05</b> (a) Standard Frequency and Time Signal (SFT) (b) Telecommunications Apparatus [1] 3 - 195 kHz	(a) See note "K" (b) See note "J"
<b>20.05 - 70</b> FIXED MARITIME MOBILE	<b>20.05 - 70</b> MARITIME MOBILE	<b>20.05 - 70</b> (a) Maritime mobile (b) Telecommunications Apparatus [1] 3 - 195 kHz	(a) See note "K" (b) See note "J"
<b>70 - 72</b> RADIONAVIGATION Fixed Maritime mobile	<b>70 - 90</b> RADIONAVIGATION	<b>70 - 90</b> (a) Radionavigation (b) Telecommunications Apparatus [1] 3 - 195 kHz	(a) See note "C" (b) See note "J"
<b>72 - 84</b> FIXED MARITIME MOBILE RADIONAVIGATION			
<b>84 - 86</b> RADIONAVIGATION Fixed Maritime mobile			
<b>86 - 90</b> FIXED MARITIME MOBILE RADIONAVIGATION			

[1] Details are given in the Telecommunications (Telecommunications Apparatus) (Exemption from Licensing) Order.

kHz  
90 - 130

REGION 3 ALLOCATION	HONG KONG ALLOCATION	BAND PLAN AND EXISTING UTILISATION	REMARKS
<b>90 - 110</b> RADIONAVIGATION Fixed	<b>90 - 130</b> RADIONAVIGATION	<b>90 - 130</b> (a) Radionavigation (b) Telecommunications Apparatus [1] 3 - 195 kHz	(a) See note "C" (b) See note "J"
<b>110 - 112</b> FIXED MARITIME MOBILE RADIONAVIGATION			
<b>112 - 117.6</b> RADIONAVIGATION Fixed Maritime mobile			
<b>117.6 - 126</b> FIXED MARITIME MOBILE RADIONAVIGATION			
<b>126 - 129</b> RADIONAVIGATION Fixed Maritime mobile			
<b>129 - 130</b> FIXED MARITIME MOBILE RADIONAVIGATION			

[1] Details are given in the Telecommunications (Telecommunications Apparatus) (Exemption from Licensing) Order.



kHz  
130 - 285

REGION 3 ALLOCATION	HONG KONG ALLOCATION	BAND PLAN AND EXISTING UTILISATION	REMARKS
<b>130 - 135.7</b> FIXED MARITIME MOBILE RADIONAVIGATION	<b>130 - 190</b> TO BE PLANNED	<b>130 - 190</b> (a) Telecommunications Apparatus [1] 3 - 195 kHz	(a) See note "J"
<b>135.7 - 137.8</b> FIXED MARITIME MOBILE RADIONAVIGATION Amateur			
<b>137.8 - 160</b> FIXED MARITIME MOBILE RADIONAVIGATION			
<b>160 - 190</b> FIXED Aeronautical radionavigation			
<b>190 - 200</b> AERONAUTICAL RADIONAVIGATION	<b>190 - 285</b> AERONAUTICAL RADIONAVIGATION	<b>190 - 195</b> (a) Aeronautical radionavigation (b) Telecommunications Apparatus [1] 3 - 195 kHz	(a) See note "C" (b) See note "J"
		<b>195 - 285</b> (a) Aeronautical radionavigation	(a) See note "C"
<b>200 - 285</b> AERONAUTICAL RADIONAVIGATION Aeronautical mobile			

[1] Details are given in the Telecommunications (Telecommunications Apparatus) (Exemption from Licensing) Order.

kHz  
285 - 415

REGION 3 ALLOCATION	HONG KONG ALLOCATION	BAND PLAN AND EXISTING UTILISATION	REMARKS
<b>285 - 315</b> AERONAUTICAL RADIONAVIGATION MARITIME RADIONAVIGATION (radiobeacons)	<b>285 - 325</b> MARITIME RADIONAVIGATION	<b>285 - 325</b> (a) Maritime radionavigation	(a) See note "C"
<b>315 - 325</b> AERONAUTICAL RADIONAVIGATION MARITIME RADIONAVIGATION (radiobeacons)			
<b>325 - 405</b> AERONAUTICAL RADIONAVIGATION Aeronautical mobile	<b>325 - 415</b> AERONAUTICAL RADIONAVIGATION	<b>325 - 415</b> (a) Aeronautical radionavigation	(a) See note "C"
<b>405 - 415</b> RADIONAVIGATION Aeronautical mobile			

kHz  
415 - 1606.5

REGION 3 ALLOCATION	HONG KONG ALLOCATION	BAND PLAN AND EXISTING UTILISATION	REMARKS
<b>415 - 472</b> MARITIME MOBILE [1] Aeronautical radionavigation	<b>415 - 526.5</b> MARITIME MOBILE	<b>415 - 526.5</b> (a) Maritime mobile	(a) 95% of the frequency channels in the band are vacant.
<b>472 - 479</b> MARITIME MOBILE [1] Amateur Aeronautical radionavigation			
<b>479 - 495</b> MARITIME MOBILE [1] Aeronautical radionavigation			
<b>495 - 505</b> MARITIME MOBILE [2]			
<b>505 - 526.5</b> MARITIME MOBILE [1] AERONAUTICAL RADIONAVIGATION Aeronautical mobile Land mobile			
<b>526.5 - 535</b> BROADCASTING Mobile	<b>526.5 - 1606.5</b> BROADCASTING	<b>526.5 - 1606.5</b> (a) Broadcasting	(a) See note "H"
<b>535 - 1606.5</b> BROADCASTING			

[1] In the maritime mobile service, the frequency bands 415 - 495 kHz and 505 - 526.5 kHz are limited to radiotelegraphy and may also be used for the NAVDAT system in accordance with the most recent version of Recommendation ITU-R M.2010, subject to agreement between interested and affected administrations. NAVDAT transmitting stations are limited to coast stations.

[2] The frequency band 495 - 505 kHz is used for the international NAVDAT system as described in the most recent version of Recommendation ITU-R M.2010. NAVDAT transmitting stations are limited to coast stations.

kHz  
1606.5 - 2000

REGION 3 ALLOCATION	HONG KONG ALLOCATION	BAND PLAN AND EXISTING UTILISATION	REMARKS
<b>1606.5 - 1800</b> FIXED MOBILE RADIOLOCATION RADIONAVIGATION	<b>1606.5 - 1800</b> LAND MOBILE RADIOLOCATION RADIONAVIGATION	<b>1606.5 - 1800</b> (a) Radiolocation (b) Telecommunications Apparatus [1] 1627.5 - 1796.5 kHz	(a) See note "B" (b) See note "J"
<b>1800 - 2000</b> AMATEUR FIXED MOBILE except aeronautical mobile RADIONAVIGATION Radiolocation	<b>1800 - 2000</b> AMATEUR RADIONAVIGATION	<b>1800 - 2000</b> (a) Amateur (b) Radionavigation	(a) See note "B" (b) See note "C"

[1] Details are given in the Telecommunications (Telecommunications Apparatus) (Exemption from Licensing) Order.

kHz  
2000 - 2495

REGION 3 ALLOCATION	HONG KONG ALLOCATION	BAND PLAN AND EXISTING UTILISATION	REMARKS
<b>2000 - 2065</b> FIXED MOBILE	<b>2000 - 2495</b> MARITIME MOBILE	<b>2000 - 2495</b> (a) Maritime mobile	(a) 75% of the frequency channels in the band are vacant.
<b>2065 - 2107</b> MARITIME MOBILE			
<b>2107 - 2170</b> FIXED MOBILE			
<b>2170 - 2173.5</b> MARITIME MOBILE			
<b>2173.5 - 2190.5</b> MOBILE (distress and calling)			
<b>2190.5 - 2194</b> MARITIME MOBILE			
<b>2194 - 2300</b> FIXED MOBILE			
<b>2300 - 2495</b> FIXED MOBILE BROADCASTING			

kHz  
2495 - 2850

REGION 3 ALLOCATION	HONG KONG ALLOCATION	BAND PLAN AND EXISTING UTILISATION	REMARKS
<b>2495 - 2501</b> STANDARD FREQUENCY AND TIME SIGNAL (2500 kHz)	<b>2495 - 2505</b> STANDARD FREQUENCY AND TIME SIGNAL (SFT)	<b>2495 - 2505</b> (a) Standard Frequency and Time Signal (SFT)	(a) See note "K"
<b>2501 - 2502</b> STANDARD FREQUENCY AND TIME SIGNAL Space research			
<b>2502 - 2505</b> STANDARD FREQUENCY AND TIME SIGNAL			
<b>2505 - 2850</b> FIXED MOBILE	<b>2505 - 2850</b> MARITIME MOBILE	<b>2505 - 2850</b> (a) Maritime mobile	(a) See note "K"

kHz  
2850 - 3400

REGION 3 ALLOCATION	HONG KONG ALLOCATION	BAND PLAN AND EXISTING UTILISATION	REMARKS
<b>2850 - 3025</b> AERONAUTICAL MOBILE (R)	<b>2850 - 3200</b> AERONAUTICAL MOBILE	<b>2850 - 3200</b> (a) Aeronautical mobile	(a) See note "B"
<b>3025 - 3155</b> AERONAUTICAL MOBILE (OR)			
<b>3155 - 3200</b> FIXED MOBILE except aeronautical mobile (R)			
<b>3200 - 3230</b> FIXED MOBILE except aeronautical mobile (R) BROADCASTING	<b>3200 - 3400</b> FIXED	<b>3200 - 3400</b> (a) Fixed	(a) 67% of the frequency channels in the band are vacant.
<b>3230 - 3400</b> FIXED MOBILE except aeronautical mobile BROADCASTING			

kHz  
3400 - 4000

REGION 3 ALLOCATION	HONG KONG ALLOCATION	BAND PLAN AND EXISTING UTILISATION	REMARKS
<b>3400 - 3500</b> AERONAUTICAL MOBILE (R)	<b>3400 - 3500</b> AERONAUTICAL MOBILE	<b>3400 - 3500</b> (a) Aeronautical mobile	(a) See note "B"
<b>3500 - 3900</b> AMATEUR FIXED MOBILE	<b>3500 - 3900</b> AMATEUR MARITIME MOBILE	<b>3500 - 3900</b> (a) Amateur (b) Maritime mobile	(a) See note "B" (b) 47% of the frequency channels in the band are vacant.
<b>3900 - 3950</b> AERONAUTICAL MOBILE BROADCASTING	<b>3900 - 3950</b> AERONAUTICAL MOBILE	<b>3900 - 3950</b> (a) Aeronautical mobile	(a) See note "B"
<b>3950 - 4000</b> FIXED BROADCASTING	<b>3950 - 4000</b> TO BE PLANNED	<b>3950 - 4000</b>	See note "I"



kHz  
4000 - 4650

REGION 3 ALLOCATION	HONG KONG ALLOCATION	BAND PLAN AND EXISTING UTILISATION	REMARKS
<b>4000 - 4063</b> FIXED MARITIME MOBILE	<b>4000 - 4063</b> FIXED MARITIME MOBILE	<b>4000 - 4063</b> (a) Maritime mobile	(a) See note "B"
<b>4063 - 4438</b> MARITIME MOBILE [1]	<b>4063 - 4438</b> MARITIME MOBILE	<b>4063 - 4438</b> (a) Maritime mobile	(a) See note "B"
<b>4438 - 4488</b> FIXED MOBILE except aeronautical mobile Radiolocation	<b>4438 - 4650</b> FIXED	<b>4438 - 4650</b> (a) Fixed	(a) 88% of the frequency channels in the band are vacant.
<b>4488 - 4650</b> FIXED MOBILE except aeronautical mobile			

[1] Frequencies in the frequency bands 4063 - 4123 kHz and 4130 - 4438 kHz may be used exceptionally by stations in the fixed service, communicating only within the boundary of the country in which they are located, with a mean power not exceeding 50 W, on condition that harmful interference is not caused to the maritime mobile service.

kHz  
4650 - 5005

REGION 3 ALLOCATION	HONG KONG ALLOCATION	BAND PLAN AND EXISTING UTILISATION	REMARKS
<b>4650 - 4700</b> AERONAUTICAL MOBILE (R)	<b>4650 - 4750</b> AERONAUTICAL MOBILE	<b>4650 - 4750</b> (a) Aeronautical mobile	(a) See note "B"
<b>4700 - 4750</b> AERONAUTICAL MOBILE (OR)			
<b>4750 - 4850</b> FIXED BROADCASTING Land mobile	<b>4750 - 4995</b> FIXED	<b>4750 - 4995</b> (a) Fixed	(a) 38% of the frequency channels in the band are vacant.
<b>4850 - 4995</b> FIXED LAND MOBILE BROADCASTING			
<b>4995 - 5003</b> STANDARD FREQUENCY AND TIME SIGNAL (5000 kHz)	<b>4995 - 5005</b> STANDARD FREQUENCY AND TIME SIGNAL (SFT)	<b>4995 - 5005</b> (a) Standard Frequency and Time Signal (SFT)	(a) See note "K"
<b>5003 - 5005</b> STANDARD FREQUENCY AND TIME SIGNAL Space research			

kHz  
5005 - 5480

REGION 3 ALLOCATION	HONG KONG ALLOCATION	BAND PLAN AND EXISTING UTILISATION	REMARKS
<b>5005 - 5060</b> FIXED BROADCASTING	<b>5005 - 5250</b> FIXED	<b>5005 - 5480</b> (a) Fixed  (b) Amateur 5351.5 - 5366.5 kHz (c) Radiolocation 5250 - 5275 kHz	(a) 66% of the frequency channels in the band are vacant. (b)&(c) See note "B"
<b>5060 - 5250</b> FIXED Mobile except aeronautical mobile			
<b>5250 - 5275</b> FIXED MOBILE except aeronautical mobile Radiolocation	<b>5250 - 5275</b> FIXED Radiolocation		
<b>5275 - 5351.5</b> FIXED MOBILE except aeronautical mobile	<b>5275 - 5351.5</b> FIXED		
<b>5351.5 - 5366.5</b> FIXED MOBILE except aeronautical mobile Amateur [1]	<b>5351.5 - 5366.5</b> FIXED Amateur		
<b>5366.5 - 5450</b> FIXED MOBILE except aeronautical mobile	<b>5366.5 - 5480</b> FIXED		
<b>5450 - 5480</b> FIXED AERONAUTICAL MOBILE (OR) LAND MOBILE			

[1] Stations in the amateur service using the frequency band 5351.5 - 5366.5 kHz shall not exceed a maximum equivalent isotropically radiated power of 15 W.

kHz  
5480 - 6765

REGION 3 ALLOCATION	HONG KONG ALLOCATION	BAND PLAN AND EXISTING UTILISATION	REMARKS
<b>5480 - 5680</b> AERONAUTICAL MOBILE (R)	<b>5480 - 5730</b> AERONAUTICAL MOBILE	<b>5480 - 5730</b> (a) Aeronautical mobile	(a) See note "B"
<b>5680 - 5730</b> AERONAUTICAL MOBILE (OR)			
<b>5730 - 5900</b> FIXED Mobile except aeronautical mobile (R)	<b>5730 - 5950</b> FIXED	<b>5730 - 5950</b> (a) Fixed	(a) 45% of the frequency channels in the band are vacant.
<b>5900 - 5950</b> BROADCASTING [1]			
<b>5950 - 6200</b> BROADCASTING	<b>5950 - 6200</b> BROADCASTING	<b>5950 - 6200</b> (a) Broadcasting	(a) See note "L"
<b>6200 - 6525</b> MARITIME MOBILE	<b>6200 - 6525</b> MARITIME MOBILE	<b>6200 - 6525</b> (a) Maritime mobile	(a) See note "B"
<b>6525 - 6685</b> AERONAUTICAL MOBILE (R)	<b>6525 - 6765</b> AERONAUTICAL MOBILE	<b>6525 - 6765</b> (a) Aeronautical mobile	(a) See note "B"
<b>6685 - 6765</b> AERONAUTICAL MOBILE (OR)			

[1] The band 5900 - 5950 kHz may be used by stations in the fixed service and the mobile except aeronautical mobile (R) service, communicating only within the boundary of the country in which they are located.

kHz  
6765 - 7300

REGION 3 ALLOCATION	HONG KONG ALLOCATION	BAND PLAN AND EXISTING UTILISATION	REMARKS
<b>6765 - 7000</b> FIXED MOBILE except aeronautical mobile (R) [1]	<b>6765 - 6795</b> INDUSTRIAL, SCIENTIFIC AND MEDICAL (ISM)	<b>6765 - 6795</b> (a) Industrial, Scientific and Medical (ISM) Equipment	(a) See note "B"
	<b>6795 - 7000</b> FIXED	<b>6795 - 7000</b> (a) Fixed	(a) 26% of the frequency channels in the band are vacant.
<b>7000 - 7100</b> AMATEUR AMATEUR-SATELLITE	<b>7000 - 7100</b> AMATEUR AMATEUR-SATELLITE	<b>7000 - 7100</b> (a) Amateur (b) Amateur-satellite	(a)&(b) See note "B"
<b>7100 - 7200</b> AMATEUR	<b>7100 - 7200</b> AMATEUR	<b>7100 - 7200</b> (a) Amateur	(a) See note "B"
<b>7200 - 7300</b> BROADCASTING	<b>7200 - 7300</b> BROADCASTING	<b>7200 - 7300</b> (a) Broadcasting	(a) See note "L"

[1] The band 6765 - 6795 kHz is designated for industrial, scientific and medical (ISM) applications.

kHz  
7300 - 9995

REGION 3 ALLOCATION	HONG KONG ALLOCATION	BAND PLAN AND EXISTING UTILISATION	REMARKS
7300 - 7450 BROADCASTING [1]	7300 - 8195 FIXED	7300 - 8195 (a) Fixed	(a) 70% of the frequency channels in the band are vacant.
7450 - 8100 FIXED MOBILE except aeronautical mobile (R)			
8100 - 8195 FIXED MARITIME MOBILE			
8195 - 8815 MARITIME MOBILE	8195 - 8815 MARITIME MOBILE	8195 - 8815 (a) Maritime mobile	(a) See note "B"
8815 - 8965 AERONAUTICAL MOBILE (R)	8815 - 9040 AERONAUTICAL MOBILE	8815 - 9040 (a) Aeronautical mobile	(a) See note "B"
8965 - 9040 AERONAUTICAL MOBILE (OR)			
9040 - 9305 FIXED	9040 - 9500 FIXED	9040 - 9500 (a) Fixed	(a) 88% of the frequency channels in the band are vacant.
9305 - 9355 FIXED Radiolocation			
9355 - 9400 FIXED			
9400 - 9500 BROADCASTING [2]			
9500 - 9900 BROADCASTING	9500 - 9900 BROADCASTING	9500 - 9900 (a) Broadcasting	(a) See note "L"
9900 - 9995 FIXED	9900 - 9995 FIXED	9900 - 9995 (a) Fixed	(a) 94% of the frequency vacant.

[1] The band 7300 - 7350 kHz may be used by stations in the fixed service and in the land mobile service, communicating only within the boundary of the country in which they are located.

[2] The band 9400 - 9500 kHz may be used by stations in the fixed service, communicating only within the boundary of the country in which they are located.

kHz  
9995 - 11175

REGION 3 ALLOCATION	HONG KONG ALLOCATION	BAND PLAN AND EXISTING UTILISATION	REMARKS
<b>9995 - 10003</b> STANDARD FREQUENCY AND TIME SIGNAL (10 000 kHz)	<b>9995 - 10005</b> STANDARD FREQUENCY AND TIME SIGNAL (SFT)	<b>9995 - 10005</b> (a) Standard Frequency and Time Signal (SFT)	(a) See note "K"
<b>10003 - 10005</b> STANDARD FREQUENCY AND TIME SIGNAL Space research			
<b>10005 - 10100</b> AERONAUTICAL MOBILE (R)	<b>10005 - 10100</b> AERONAUTICAL MOBILE	<b>10005 - 10100</b> (a) Aeronautical mobile	(a) See note "B"
<b>10100 - 10150</b> FIXED Amateur	<b>10100 - 10150</b> FIXED Amateur	<b>10100 - 10150</b> (a) Fixed  (b) Amateur	(a) 90% of the frequency channels in the band are vacant. (b) See note "B"
<b>10150 - 11175</b> FIXED Mobile except aeronautical mobile (R)	<b>10150 - 11175</b> FIXED	<b>10150 - 11175</b> (a) Fixed	(a) 75% of the frequency channels in the band are vacant.

kHz  
11175 - 13200

REGION 3 ALLOCATION	HONG KONG ALLOCATION	BAND PLAN AND EXISTING UTILISATION	REMARKS
11175 - 11275 AERONAUTICAL MOBILE (OR)	11175 - 11400 AERONAUTICAL MOBILE	11175 - 11400 (a) Aeronautical mobile	(a) See note "B"
11275 - 11400 AERONAUTICAL MOBILE (R)			
11400 - 11600 FIXED	11400 - 11650 FIXED	11400 - 11650 (a) Fixed	(a) 98% of the frequency channels in the band are vacant.
11600 - 11650 BROADCASTING [1]			
11650 - 12050 BROADCASTING	11650 - 12050 BROADCASTING	11650 - 12050 (a) Broadcasting	(a) See note "L"
12050 - 12100 BROADCASTING [1]	12050 - 12230 FIXED	12050 - 12230 (a) Fixed	(a) 94% of the frequency channels in the band are vacant.
12100 - 12230 FIXED			
12230 - 13200 MARITIME MOBILE	12230 - 13200 MARITIME MOBILE	12230 - 13200 (a) Maritime mobile	(a) See note "B"

[1] The band 11600 - 11650 kHz and 12050 - 12100 kHz may be used by stations in the fixed service, communicating only within the boundary of the country in which they are located.



kHz  
13200 - 14250

REGION 3 ALLOCATION	HONG KONG ALLOCATION	BAND PLAN AND EXISTING UTILISATION	REMARKS
<b>13200 - 13260</b> AERONAUTICAL MOBILE (OR)	<b>13200 - 13360</b> AERONAUTICAL MOBILE	<b>13200 - 13360</b> (a) Aeronautical mobile	(a) See note "B"
<b>13260 - 13360</b> AERONAUTICAL MOBILE (R)			
<b>13360 - 13410</b> FIXED RADIO ASTRONOMY	<b>13360 - 13553</b> FIXED	<b>13360 - 13553</b> (a) Fixed	(a) 95% of the frequency channels in the band are vacant
<b>13410 - 13450</b> FIXED Mobile except aeronautical mobile (R)			
<b>13450 - 13550</b> FIXED Mobile except aeronautical mobile (R) Radiolocation			
<b>13550 - 13570</b> FIXED Mobile except aeronautical mobile (R) [1]	<b>13553 - 13567</b> INDUSTRIAL, SCIENTIFIC AND MEDICAL (ISM)	<b>13553 - 13567</b> (a) Industrial, Scientific and Medical (ISM) Equipment (b) Telecommunications Apparatus [3]	(a) See note "B" (b) See note "J"
<b>13570 - 13600</b> BROADCASTING [2]	<b>13567 - 13600</b> FIXED	<b>13567 - 13600</b> (a) Fixed	(a) 84% of the frequency channels in the band are vacant.
<b>13600 - 13800</b> BROADCASTING	<b>13600 - 13800</b> BROADCASTING	<b>13600 - 13800</b> (a) Broadcasting	(a) See note "L"
<b>13800 - 13870</b> BROADCASTING [2]	<b>13800 - 14000</b> FIXED	<b>13800 - 14000</b> (a) Fixed	(a) 97% of the frequency channels in the band are vacant
<b>13870 - 14000</b> FIXED Mobile except aeronautical mobile (R)			
<b>14000 - 14250</b> AMATEUR AMATEUR-SATELLITE	<b>14000 - 14250</b> AMATEUR AMATEUR-SATELLITE	<b>14000 - 14250</b> (a) Amateur (b) Amateur-satellite	(a)&(b) See note "B"

[1] The band 13553 - 13567 kHz (centre frequency 13560 kHz) is also designated for industrial, scientific and medical (ISM) applications. Radiocommunications services operating within this band must accept harmful interference which may be caused by these applications.

[2] The bands 13570 - 13600 kHz and 13800 - 13870 kHz may be used by stations in the fixed service and in the mobile except aeronautical mobile (R) service, communicating only within the boundary of the country in which they are located.

[3] Details are given in the Telecommunications (Telecommunications Apparatus) (Exemption from Licensing) Order.

kHz  
14250 - 17410

REGION 3 ALLOCATION	HONG KONG ALLOCATION	BAND PLAN AND EXISTING UTILISATION	REMARKS
<b>14250 - 14350</b> AMATEUR	<b>14250 - 14350</b> AMATEUR	<b>14250 - 14350</b> (a) Amateur	(a) See note "B"
<b>14350 - 14990</b> FIXED Mobile except aeronautical mobile (R)	<b>14350 - 14990</b> FIXED	<b>14350 - 14990</b> (a) Fixed	(a) 93% of the frequency channels in the band are vacant.
<b>14990 - 15005</b> STANDARD FREQUENCY AND TIME SIGNAL (15 000 kHz)	<b>14990 - 15010</b> STANDARD FREQUENCY AND TIME SIGNAL (SFT)	<b>14990 - 15010</b> (a) Standard Frequency and Time Signal (SFT)	(a) See note "K"
<b>15005 - 15010</b> STANDARD FREQUENCY AND TIME SIGNAL Space research			
<b>15010 - 15100</b> AERONAUTICAL MOBILE (OR)	<b>15010 - 15100</b> AERONAUTICAL MOBILE	<b>15010 - 15100</b> (a) Aeronautical mobile	(a) See note "B"
<b>15100 - 15600</b> BROADCASTING	<b>15100 - 15600</b> BROADCASTING	<b>15100 - 15600</b> (a) Broadcasting	(a) See note "L"
<b>15600 - 15800</b> BROADCASTING [1]	<b>15600 - 16360</b> FIXED	<b>15600 - 16360</b> (a) Fixed	(a) 53% of the frequency channels in the band are vacant.
<b>15800 - 16100</b> FIXED			
<b>16100 - 16200</b> FIXED Radiolocation			
<b>16200 - 16360</b> FIXED			
<b>16360 - 17410</b> MARITIME MOBILE	<b>16360 - 17410</b> MARITIME MOBILE	<b>16360 - 17410</b> (a) Maritime mobile	(a) See note "B"

[1] The band 15600 - 15800 kHz may be used by stations in the fixed service, communicating only within the boundary of the country in which they are located.

kHz  
17410 - 18900

REGION 3 ALLOCATION	HONG KONG ALLOCATION	BAND PLAN AND EXISTING UTILISATION	REMARKS
<b>17410 - 17480</b> FIXED	<b>17410 - 17550</b> FIXED	<b>17410 - 17550</b> (a) Fixed	(a) 96% of the frequency channels in the band are vacant.
<b>17480 - 17550</b> BROADCASTING [1]			
<b>17550 - 17900</b> BROADCASTING	<b>17550 - 17900</b> BROADCASTING	<b>17550 - 17900</b> (a) Broadcasting	(a) See note "L"
<b>17900 - 17970</b> AERONAUTICAL MOBILE (R)	<b>17900 - 18030</b> AERONAUTICAL MOBILE	<b>17900 - 18030</b> (a) Aeronautical mobile	(a) See note "B"
<b>17970 - 18030</b> AERONAUTICAL MOBILE (OR)			
<b>18030 - 18052</b> FIXED	<b>18030 - 18068</b> FIXED	<b>18030 - 18068</b> (a) Fixed	(a) 86% of the frequency channels in the band are vacant.
<b>18052 - 18068</b> FIXED Space research			
<b>18068 - 18168</b> AMATEUR AMATEUR-SATELLITE	<b>18068 - 18168</b> AMATEUR AMATEUR-SATELLITE	<b>18068 - 18168</b> (a) Amateur (b) Amateur-satellite	(a)&(b) See note "B"
<b>18168 - 18780</b> FIXED Mobile except aeronautical mobile	<b>18168 - 18780</b> FIXED	<b>18168 - 18780</b> (a) Fixed	(a) 78% of the frequency channels in the band are vacant.
<b>18780 - 18900</b> MARITIME MOBILE	<b>18780 - 18900</b> MARITIME MOBILE	<b>18780 - 18900</b> (a) Maritime mobile	(a) See note "B"

[1] The band 17480 - 17550 kHz may be used by stations in the fixed service, communicating only within the boundary of the country in which they are located.

kHz  
18900 - 21924

REGION 3 ALLOCATION	HONG KONG ALLOCATION	BAND PLAN AND EXISTING UTILISATION	REMARKS
18900 - 19020 BROADCASTING [1]	18900 - 19680 FIXED	18900 - 19680 (a) Fixed	(a) 98% of the frequency channels in the band are vacant.
19020 - 19680 FIXED			
19680 - 19800 MARITIME MOBILE	19680 - 19800 MARITIME MOBILE	19680 - 19800 (a) Maritime mobile	(a) See note "B"
19800 - 19990 FIXED	19800 - 19990 FIXED	19800 - 19990 (a) Fixed	(a) 97% of the frequency channels in the band are vacant.
19990 - 19995 STANDARD FREQUENCY AND TIME SIGNAL Space research	19990 - 20010 STANDARD FREQUENCY AND TIME SIGNAL (SFT)	19990 - 20010 (a) Standard Frequency and Time Signal (SFT)	(a) See note "K"
19995 - 20010 STANDARD FREQUENCY AND TIME SIGNAL (20 000 kHz)			
20010 - 21000 FIXED Mobile	20010 - 21000 FIXED	20010 - 21000 (a) Fixed	(a) 78% of the frequency channels in the band are vacant.
21000 - 21450 AMATEUR AMATEUR-SATELLITE	21000 - 21450 AMATEUR AMATEUR-SATELLITE	21000 - 21450 (a) Amateur (b) Amateur-satellite	(a)&(b) See note "B"
21450 - 21850 BROADCASTING	21450 - 21850 BROADCASTING	21450 - 21850 (a) Broadcasting	(a) See note "L"
21850 - 21870 FIXED	21850 - 21924 FIXED	21850 - 21924	See note "K"
21870 - 21924 FIXED [2]			

[1] The band 18900 - 19020 kHz may be used by stations in the fixed service, communicating only within the boundary of the country in which they are located.

[2] The band 21870 - 21924 kHz is used by the fixed service for provision of services related to aircraft flight safety.

kHz  
21924 - 23350

REGION 3 ALLOCATION	HONG KONG ALLOCATION	BAND PLAN AND EXISTING UTILISATION	REMARKS
<b>21924 - 22000</b> AERONAUTICAL MOBILE (R)	<b>21924 - 22000</b> AERONAUTICAL MOBILE	<b>21924 - 22000</b> (a) Aeronautical mobile	(a) See note "B"
<b>22000 - 22855</b> MARITIME MOBILE	<b>22000 - 22855</b> MARITIME MOBILE	<b>22000 - 22855</b> (a) Maritime mobile	(a) See note "B"
<b>22855 - 23000</b> FIXED	<b>22855 - 23200</b> FIXED	<b>22855 - 23200</b> (a) Fixed	(a) 78% of the frequency channels in the band are vacant.
<b>23000 - 23200</b> FIXED Mobile except aeronautical mobile (R)			
<b>23200 - 23350</b> FIXED AERONAUTICAL MOBILE (OR)	<b>23200 - 23350</b> TO BE PLANNED	<b>23200 - 23350</b>	See note "I"

kHz  
23350 - 25070

REGION 3 ALLOCATION	HONG KONG ALLOCATION	BAND PLAN AND EXISTING UTILISATION	REMARKS
<b>23350 - 24000</b> FIXED MOBILE except aeronautical mobile	<b>23350 - 24890</b> FIXED	<b>23350 - 24890</b> (a) Fixed	(a) 80% of the frequency channels in the band are vacant.
<b>24000 - 24450</b> FIXED LAND MOBILE			
<b>24450 - 24600</b> FIXED LAND MOBILE Radiolocation			
<b>24600 - 24890</b> FIXED LAND MOBILE			
<b>24890 - 24990</b> AMATEUR AMATEUR-SATELLITE	<b>24890 - 24990</b> AMATEUR AMATEUR-SATELLITE	<b>24890 - 24990</b> (a) Amateur (b) Amateur-satellite	(a)&(b) See note "B"
<b>24990 - 25005</b> STANDARD FREQUENCY AND TIME SIGNAL (25 000 kHz)	<b>24990 - 25010</b> STANDARD FREQUENCY AND TIME SIGNAL (SFT)	<b>24990 - 25010</b> (a) Standard Frequency and Time Signal (SFT)	(a) See note "K"
<b>25005 - 25010</b> STANDARD FREQUENCY AND TIME SIGNAL Space research			
<b>25010 - 25070</b> FIXED MOBILE except aeronautical mobile	<b>25010 - 25070</b> FIXED	<b>25010 - 25070</b>	See note "K"

kHz  
25070 - 26175

REGION 3 ALLOCATION	HONG KONG ALLOCATION	BAND PLAN AND EXISTING UTILISATION	REMARKS
25070 - 25210 MARITIME MOBILE	25070 - 25210 MARITIME MOBILE	25070 - 25210 (a) Maritime mobile	(a) See note "B"
25210 - 25550 FIXED MOBILE except aeronautical mobile	25210 - 25550 FIXED	25210 - 25550	See note "K"
25550 - 25670 RADIO ASTRONOMY	25550 - 25670 RADIO ASTRONOMY	25550 - 25670 (a) Radio astronomy	(a) See note "B"
25670 - 26100 BROADCASTING	25670 - 26100 BROADCASTING	25670 - 26100 (a) Broadcasting	(a) See note "L"
26100 - 26175 MARITIME MOBILE	26100 - 26175 MARITIME MOBILE	26100 - 26175 (a) Maritime mobile	(a) See note "B"

kHz  
26175 - 29700

REGION 3 ALLOCATION	HONG KONG ALLOCATION	BAND PLAN AND EXISTING UTILISATION	REMARKS
<b>26175 - 26200</b> FIXED MOBILE except aeronautical mobile	<b>26175 - 26957</b> FIXED	<b>26175 - 26957</b> (a) Fixed	(a) 85% of the frequency channels in the band are vacant.
<b>26200 - 26350</b> FIXED MOBILE except aeronautical mobile Radiolocation			
<b>26350 - 27500</b> FIXED MOBILE except aeronautical mobile [1]	<b>26957 - 27283</b> INDUSTRIAL, SCIENTIFIC AND MEDICAL (ISM) MOBILE except aeronautical mobile	<b>26957 - 27283</b> (a) Industrial, Scientific and Medical (ISM) Equipment (b) Telecommunications Apparatus [2] 26960 - 27280 kHz (c) Citizens Band Radio 26960 - 27410 kHz	(a) See note "B" (b)&(c) See note "J"
	<b>27283 - 27500</b> FIXED MOBILE except aeronautical mobile	<b>27283 - 27500</b> (a) Citizens Band Radio 26960 - 27410 kHz	(a) See note "J"
<b>27500 - 28000</b> METEOROLOGICAL AIDS FIXED MOBILE	<b>27500 - 28000</b> TO BE PLANNED	<b>27500 - 28000</b>	See note "I"
<b>28000 - 29700</b> AMATEUR AMATEUR-SATELLITE	<b>28000 - 29700</b> AMATEUR AMATEUR-SATELLITE	<b>28000 - 29700</b> (a) Amateur (b) Amateur-satellite	(a)&(b) See note "B"

[1] The band 26957 - 27283 kHz (centre frequency 27120 kHz) is also designated for industrial, scientific and medical (ISM) applications. Radiocommunications services operating within this band must accept harmful interference which may be caused by these applications.

[2] Details are given in the Telecommunications (Telecommunications Apparatus) (Exemption from Licensing) Order.



MHz  
29.7- 33

REGION 3 ALLOCATION	HONG KONG ALLOCATION	BAND PLAN AND EXISTING UTILISATION	REMARKS
29.7 - 30.005 FIXED MOBILE	29.7 - 31.7 FIXED MOBILE	29.7 - 30.005	See note "K"
30.005 - 30.01 SPACE OPERATION (satellite identification) FIXED MOBILE SPACE RESEARCH		30.005 - 30.01 (a) Satellite Identification	(a) See note "B"
30.01 - 33 FIXED MOBILE		30.01 - 31.7	See note "K"
30.01 - 33 FIXED MOBILE	31.7 - 33 LAND MOBILE	31.7 - 32.5 (a) Mobile Radio Systems (Low Power) Single-frequency simplex 12.5 kHz channel spacing 5 W erp maximum (b) Demonstration Frequency 32.125 MHz 25 kHz channel spacing 25 W erp maximum	(a) 76% of the frequency channels in the band are vacant.  (b) See note "B"
		32.5 - 33 (a) On-Site Paging 25 kHz channel spacing 5 W erp maximum	(a) 45% of the frequency channels in the band are vacant.

MHz  
33 - 37.5

REGION 3 ALLOCATION	HONG KONG ALLOCATION	BAND PLAN AND EXISTING UTILISATION	REMARKS
<b>33 - 37.5</b> FIXED MOBILE	<b>33 - 36.5</b> FIXED LAND MOBILE	<b>33 - 36.5</b> (a) Mobile Radio Systems Single-frequency simplex 12.5 kHz channel spacing 25 W erp maximum (b) Wireless Microphone Frequencies 33.14 MHz 20 mW erp maximum 36.40 MHz 20 mW erp maximum 50 kHz channel spacing (c) Telecommunications Apparatus [1] 33 - 33.28 MHz, 35.145 - 35.225 MHz, 36.26 - 36.54 MHz, 36.41 - 36.69 MHz	(a) 57% of the frequency channels in the band are vacant.  (b) See note "B"  (c) See note "J"
	<b>36.5 - 37</b> LAND MOBILE	<b>36.5 - 37</b> (a) Mobile Radio Systems Single-frequency simplex 12.5 kHz channel spacing 25 W erp maximum (b) Wireless Microphone Frequencies 36.55 MHz 20 mW erp maximum 36.70 MHz 20 mW erp maximum 36.85 MHz 20 mW erp maximum (c) Telecommunications Apparatus [1] 36.26 - 36.54 MHz, 36.41 - 36.69 MHz, 36.71 - 36.99 MHz, 36.96 - 37.24 MHz	(a) See note "K"  (b) See note "B"  (c) See note "J"
	<b>37 - 37.5</b> FIXED LAND MOBILE	<b>37 - 37.5</b> (a) Mobile Radio Systems Single-frequency simplex 12.5 kHz channel spacing 25 W erp maximum (b) Wireless Microphone Frequency 37.10 MHz 20 mW erp maximum (c) Telecommunications Apparatus [1] 36.96 - 37.24 MHz	(a) See note "K"  (b) See note "B"  (c) See note "J"

[1] Details are given in the Telecommunications (Telecommunications Apparatus) (Exemption from Licensing) Order.

MHz  
37.5 - 45.5

REGION 3 ALLOCATION	HONG KONG ALLOCATION	BAND PLAN AND EXISTING UTILISATION	REMARKS
<b>37.5 - 38.25</b> FIXED MOBILE Radio astronomy	<b>37.5 - 40.66</b> FIXED LAND MOBILE	<b>37.5 - 40.66</b> (a) Mobile Radio Systems Single-frequency simplex 12.5 kHz channel spacing 25 W erp maximum	(a) 89% of the frequency channels in the band are vacant.
<b>38.25 - 39.5</b> FIXED MOBILE			
<b>39.5 - 39.986</b> FIXED MOBILE RADIOLOCATION			
<b>39.986 - 40</b> FIXED MOBILE RADIOLOCATION Space research			
<b>40 - 40.02</b> FIXED MOBILE Space research			
<b>40.02 - 40.98</b> FIXED MOBILE [1]	<b>40.66 - 40.7</b> INDUSTRIAL, SCIENTIFIC AND MEDICAL (ISM)	<b>40.66 - 40.7</b> (a) Industrial, Scientific and Medical (ISM) Equipment (b) Telecommunications Apparatus [2] (c) Wireless Microphone Frequency 40.68 MHz 20 mW erp maximum	(a) See note "B" (b) See note "J" (c) See note "B"
<b>40.98 - 41.015</b> FIXED MOBILE Space research	<b>40.7 - 45.5</b> FIXED LAND MOBILE	<b>40.7 - 45.5</b> (a) Mobile Radio Systems Single-frequency simplex 12.5 kHz channel spacing 25 W erp maximum (b) Wireless Microphone Frequencies 42.89 MHz 20 mW erp maximum 44.87 MHz 20 mW erp maximum (c) Telecommunications Apparatus [2] 42.75 - 43.03 MHz, 43.71 - 44.49 MHz, 44.73 - 45.01 MHz (d) Cordless Helmet Communication Frequency 42.975 MHz	(a) 98% of the frequency channels in the band are vacant.  (b) See note "B"
<b>41.015 - 45.5</b> FIXED MOBILE			(c) See note "J"  (d) See note "B"

[1] The band 40.66 - 40.70 MHz (centre frequency 40.68 MHz) is also designated for industrial, scientific and medical (ISM) applications. Radiocommunications services operating within this band must accept harmful interference which may be caused by these applications.

[2] Details are given in the Telecommunications (Telecommunications Apparatus) (Exemption from Licensing) Order.

MHz  
45.5 - 50

REGION 3 ALLOCATION	HONG KONG ALLOCATION	BAND PLAN AND EXISTING UTILISATION	REMARKS
45.5 - 47 FIXED MOBILE	45.5 - 47 LAND MOBILE	45.5 - 47 (a) Mobile Radio Systems Single-frequency simplex 12.5 kHz channel spacing 25 W erp maximum (b) Telecommunications Apparatus [1] 46.6 - 46.98 MHz	(a) 70% of the frequency channels in the band are vacant.  (b) See note "J"
47 - 50 FIXED MOBILE BROADCASTING	47 - 48 FIXED LAND MOBILE	47 - 48 (a) Mobile Radio Systems Single-frequency simplex 12.5 kHz channel spacing 25 W erp maximum (b) Wireless Microphone Frequency 47.27 MHz 20 mW erp maximum (c) Telecommunications Apparatus [1] 47.13 - 47.41 MHz, 47.43 - 47.56 MHz	(a) 95% of the frequency channels in the band are vacant.  (b) See note "B"  (c) See note "J"
	48 - 50 LAND MOBILE	48 - 50 (a) Mobile Radio Systems Single-frequency simplex 12.5 kHz channel spacing 25 W erp maximum (b) Telecommunications Apparatus [1] 48.75 - 50 MHz	(a) 80% of the frequency channels in the band are vacant.  (b) See note "J"

[1] Details are given in the Telecommunications (Telecommunications Apparatus) (Exemption from Licensing) Order.

MHz  
50 - 54

REGION 3 ALLOCATION	HONG KONG ALLOCATION	BAND PLAN AND EXISTING UTILISATION	REMARKS
<b>50 - 54</b> AMATEUR	<b>50 - 51.5</b> AMATEUR	<b>50 - 51.5</b> (a) Amateur	(a) See note "B"
	<b>51.5 - 52.85</b> AMATEUR FIXED LAND MOBILE	<b>51.5 - 52.85</b> (a) Government (b) Amateur 52.025 - 52.11 MHz	(a) See note "C" (b) See note "B"
	<b>52.85 - 54</b> LAND MOBILE	<b>52.85 - 54</b> (a) Mobile Radio Systems Single-frequency simplex 12.5 kHz channel spacing 25 W erp maximum	(a) 76% of the frequency channels in the band are vacant.

MHz  
54 - 70

REGION 3 ALLOCATION	HONG KONG ALLOCATION	BAND PLAN AND EXISTING UTILISATION	REMARKS
<b>54 - 68</b> FIXED MOBILE BROADCASTING	<b>54 - 70</b> LAND MOBILE	<b>54 - 66</b> (a) Mobile Radio Systems Single-frequency simplex 12.5 kHz channel spacing 25 W erp maximum (b) Wireless Microphone Frequency (Audio Aids Common Frequency) 55.5 MHz 20 mW erp maximum (c) Demonstration Frequency 55.6 MHz 25 kHz channel spacing 25 W erp maximum	(a) 92% of the frequency channels in the band are vacant.  (b)&(c) See note "B"
		<b>66 - 67.5</b> (a) Mobile Radio Systems Single-frequency simplex 12.5 kHz channel spacing 25 W erp maximum	(a) 57% of the frequency channels in the band are vacant.
		<b>67.5 - 70</b> (a) Mobile Radio Systems Two-frequency simplex (base receive) paired with 72.3 - 74.8 MHz 12.5 kHz channel spacing 25 W erp maximum	(a) 64% of the frequency channels in the band are vacant.
<b>68 - 70</b> FIXED MOBILE			

MHz  
70 - 76.7

REGION 3 ALLOCATION	HONG KONG ALLOCATION	BAND PLAN AND EXISTING UTILISATION	REMARKS
<b>70 - 74.8</b> FIXED MOBILE	<b>70 - 71.5</b> FIXED LAND MOBILE	<b>70 - 72.3</b> (a) Mobile Radio Systems Single-frequency simplex 12.5 kHz channel spacing 25 W erp maximum (b) Open Channel Frequencies (MHz), limited to Mobiles/Portables only 70.0500      70.0625      70.0750      70.0875 70.1000      70.1125      70.1250 12.5 kHz channel spacing 25 W erp maximum (c) Telecommunications Apparatus [1] 72 - 72.02 MHz, 72.12 - 72.14 MHz, 72.16 - 72.22 MHz, 72.26 - 72.28 MHz	(a) 33% of the frequency channels in the band are vacant.  (b) See note "B"  (c) See note "J"
	<b>71.5 - 74.8</b> LAND MOBILE	<b>72.3 - 74.8</b> (a) Mobile Radio Systems Two-frequency simplex (base transmit) paired with 67.5 - 70 MHz 12.5 kHz channel spacing 25 W erp maximum (b) Demonstration Frequency 72.4 MHz 12.5 kHz channel spacing 25 W erp maximum	(a) 64% of the frequency channels in the band are vacant.  (b) See note "B"
	<b>74.8 - 75.2</b> AERONAUTICAL RADIONAVIGATION	<b>74.8 - 75.2</b> AERONAUTICAL RADIONAVIGATION	<b>74.8 - 75.2</b> (a) Aeronautical radionavigation
<b>75.2 - 76.7</b> FIXED MOBILE	<b>75.2 - 76.7</b> FIXED LAND MOBILE	<b>75.2 - 76.7</b> (a) Mobile Radio Systems Single-frequency simplex 12.5 kHz channel spacing 25 W erp maximum	(a) 15% of the frequency channels in the band are vacant.

[1] Details are given in the Telecommunications (Telecommunications Apparatus) (Exemption from Licensing) Order.

MHz  
76.7 - 87

REGION 3 ALLOCATION	HONG KONG ALLOCATION	BAND PLAN AND EXISTING UTILISATION	REMARKS
76.7 - 87 FIXED MOBILE	76.7 - 84 LAND MOBILE	<b>76.7 - 78.7</b> (a) Mobile Radio Systems Two-frequency simplex (base receive) paired with 81.2 - 83.2 MHz 12.5 kHz channel spacing 25 W erp maximum	(a) 73% of the frequency channels in the band are vacant.
		<b>78.7 - 79.5</b> (a) Hill Top Repeater Two-frequency simplex (hilltop transmit) paired with 83.2 - 84 MHz 12.5 kHz channel spacing 25 W erp maximum	(a) 67% of the frequency channels in the band are vacant.
		<b>79.5 - 80.55</b> (a) Mobile Radio Systems Single-frequency simplex 12.5 kHz channel spacing 25 W erp maximum	(a) 89% of the frequency channels in the band are vacant.
		<b>80.55 - 81.2</b> (a) Mobile Radio Systems Single-frequency simplex 12.5 kHz channel spacing 25 W erp maximum	(a) 69% of the frequency channels in the band are vacant.
		<b>81.2 - 83.2</b> (a) Mobile Radio Systems Two-frequency simplex (base transmit) paired with 76.7 - 78.7 MHz 12.5 kHz channel spacing 25 W erp maximum	(a) 73% of the frequency channels in the band are vacant.
		<b>83.2 - 84</b> (a) Hill Top Repeater Two-frequency simplex (hilltop receive) paired with 78.7 - 79.5 MHz 12.5 kHz channel spacing 25 W erp maximum	(a) 67% of the frequency channels in the band are vacant.
	84 - 87 FIXED LAND MOBILE	84 - 87 (a) Mobile Radio Systems Single-frequency simplex 12.5 kHz channel spacing 25 W erp maximum	(a) 99% of the frequency channels in the band are vacant.



MHz  
87 - 108

REGION 3 ALLOCATION	HONG KONG ALLOCATION	BAND PLAN AND EXISTING UTILISATION	REMARKS
<b>87 - 100</b> FIXED MOBILE BROADCASTING	<b>87 - 108</b> BROADCASTING	<b>87 - 108</b> (a) FM Sound Broadcasting	(a) See note "D"
<b>100 - 108</b> BROADCASTING			

MHz  
108 - 137

REGION 3 ALLOCATION	HONG KONG ALLOCATION	BAND PLAN AND EXISTING UTILISATION	REMARKS
<b>108 - 117.975</b> AERONAUTICAL RADIONAVIGATION [1]	<b>108 - 117.975</b> AERONAUTICAL RADIONAVIGATION	<b>108 - 117.975</b> (a) Aeronautical radionavigation	(a) See note "C"
<b>117.975 - 137</b> AERONAUTICAL MOBILE (R)	<b>117.975 - 137</b> AERONAUTICAL MOBILE	<b>117.975 - 137</b> (a) Aeronautical mobile  (b) Search and Rescue (121.5 MHz)	(a) 92% of the frequency channels in the band are vacant. (b) See note "B"

[1] The band 108 - 117.975 MHz is also allocated to the aeronautical mobile (R) service on a primary basis, limited to systems operating in accordance with recognised international aeronautical standards.

MHz  
137 - 138

REGION 3 ALLOCATION	HONG KONG ALLOCATION	BAND PLAN AND EXISTING UTILISATION	REMARKS
<b>137 - 137.025</b> SPACE OPERATION (space-to-Earth) METEOROLOGICAL-SATELLITE (space-to-Earth) MOBILE-SATELLITE (space-to-Earth) SPACE RESEARCH (space-to-Earth) Fixed Mobile except aeronautical mobile (R)	<b>137 - 137.025</b> METEOROLOGICAL-SATELLITE (space-to-Earth) MOBILE-SATELLITE (space-to-Earth)	<b>137 - 138</b> (a) Meteorological-satellite (b) Mobile-satellite	(a)&(b) See note "B"
<b>137.025 - 137.175</b> SPACE OPERATION (space-to-Earth) METEOROLOGICAL-SATELLITE (space-to-Earth) SPACE RESEARCH (space-to-Earth) Fixed Mobile-satellite (space-to-Earth) Mobile except aeronautical mobile (R)	<b>137.025 - 137.175</b> METEOROLOGICAL-SATELLITE (space-to-Earth) Mobile-satellite (space-to-Earth)		
<b>137.175 - 137.825</b> SPACE OPERATION (space-to-Earth) METEOROLOGICAL-SATELLITE (space-to-Earth) MOBILE-SATELLITE (space-to-Earth) SPACE RESEARCH (space-to-Earth) Fixed Mobile except aeronautical mobile (R)	<b>137.175 - 137.825</b> METEOROLOGICAL-SATELLITE (space-to-Earth) MOBILE-SATELLITE (space-to-Earth)		
<b>137.825 - 138</b> SPACE OPERATION (space-to-Earth) METEOROLOGICAL-SATELLITE (space-to-Earth) SPACE RESEARCH (space-to-Earth) Fixed Mobile-satellite (space-to-Earth) Mobile except aeronautical mobile (R)	<b>137.825 - 138</b> METEOROLOGICAL-SATELLITE (space-to-Earth) Mobile-satellite (space-to-Earth)		

MHz  
138 - 143

REGION 3 ALLOCATION	HONG KONG ALLOCATION	BAND PLAN AND EXISTING UTILISATION	REMARKS													
<b>138 - 143</b> FIXED MOBILE Space research (space-to-Earth)	<b>138 - 143</b> LAND MOBILE	<b>138 - 142</b> (a) Mobile Radio Systems Two-frequency simplex (base receive) paired with 150.75 - 154.75 MHz 12.5 kHz channel spacing 25 W erp maximum (b) Mobile Radio Systems On-site repeater systems paired with 150.75 - 154.75 MHz 12.5 kHz channel spacing 1 W erp maximum Frequencies :- Base transmit / Base receive (MHz) <table style="margin-left: 40px; border: none;"> <tr> <td>151.4000 / 138.6500</td> <td>152.3625 / 139.6125</td> <td>152.3875 / 139.6375</td> </tr> <tr> <td>153.0125 / 140.2625</td> <td>153.3625 / 140.6125</td> <td>153.3750 / 140.6250</td> </tr> <tr> <td>153.4125 / 140.6625</td> <td>153.4750 / 140.7250</td> <td>153.5500 / 140.8000</td> </tr> <tr> <td>153.6250 / 140.8750</td> <td>153.8125 / 141.0625</td> <td>153.9000 / 141.1500</td> </tr> </table>	151.4000 / 138.6500	152.3625 / 139.6125	152.3875 / 139.6375	153.0125 / 140.2625	153.3625 / 140.6125	153.3750 / 140.6250	153.4125 / 140.6625	153.4750 / 140.7250	153.5500 / 140.8000	153.6250 / 140.8750	153.8125 / 141.0625	153.9000 / 141.1500	(a) 43% of the frequency channels in the band are vacant.  (b) See note "B"	
		151.4000 / 138.6500	152.3625 / 139.6125	152.3875 / 139.6375												
		153.0125 / 140.2625	153.3625 / 140.6125	153.3750 / 140.6250												
153.4125 / 140.6625	153.4750 / 140.7250	153.5500 / 140.8000														
153.6250 / 140.8750	153.8125 / 141.0625	153.9000 / 141.1500														
<b>142 - 142.8</b> (a) Government	(a) See note "C"															
<b>142.8 - 143</b> (a) Mobile Radio Systems Single-frequency simplex 12.5 kHz channel spacing 1 W erp maximum (b) Common Channel Frequencies for Portable Systems (MHz) <table style="margin-left: 40px; border: none;"> <tr> <td>142.8250</td> <td>142.8375</td> <td>142.8500</td> <td>142.8625</td> <td>142.8750</td> </tr> <tr> <td>142.8875</td> <td>142.9000</td> <td>142.9125</td> <td>142.9250</td> <td>142.9500</td> </tr> <tr> <td>142.9625</td> <td>142.9750</td> <td>142.9875</td> <td></td> <td></td> </tr> </table> 12.5 kHz channel spacing 1 W erp maximum	142.8250	142.8375	142.8500	142.8625	142.8750	142.8875	142.9000	142.9125	142.9250	142.9500	142.9625	142.9750	142.9875			(a)&(b) See note "B"
142.8250	142.8375	142.8500	142.8625	142.8750												
142.8875	142.9000	142.9125	142.9250	142.9500												
142.9625	142.9750	142.9875														

MHz  
143 - 144

REGION 3 ALLOCATION	HONG KONG ALLOCATION	BAND PLAN AND EXISTING UTILISATION	REMARKS
<b>143 - 143.6</b> FIXED MOBILE Space research (space-to-Earth)	<b>143 - 143.6</b> LAND MOBILE	<b>143 - 143.6</b> (a) Mobile Radio Systems Two-frequency simplex (base transmit) paired with 148 - 148.6 MHz 12.5 kHz channel spacing 25 W erp maximum (b) Mobile Radio Systems On-site repeater systems paired with 148 - 148.6 MHz 12.5 kHz channel spacing 1 W erp maximum Frequencies :- Base transmit / Base receive (MHz) 143.0625 / 148.0625           143.1000 / 148.1000	(a) 64% of the frequency channels in the band are vacant.  (b) See note "B"
<b>143.6 - 143.65</b> FIXED MOBILE SPACE RESEARCH (space-to-Earth)	<b>143.6 - 144</b> LAND MOBILE Space research (space-to-Earth)	<b>143.6 - 143.65</b> (a) Space research (space-to-Earth)	(a) See note "B"
<b>143.65 - 144</b> FIXED MOBILE Space research (space-to-Earth)		<b>143.65 - 144</b> (a) Mobile Radio Systems Single-frequency simplex 12.5 kHz channel spacing 1 W erp maximum (b) Common Channel Frequencies for Portable Systems (MHz) 143.8375      143.8750      143.9125      143.9250      143.9375 143.9625      143.9875 12.5 kHz channel spacing 1 W erp maximum	(a) 19% of the frequency channels in the band are vacant.  (b) See note "B"

MHz  
144 - 148.6

REGION 3 ALLOCATION	HONG KONG ALLOCATION	BAND PLAN AND EXISTING UTILISATION	REMARKS
<b>144 - 146</b> AMATEUR AMATEUR-SATELLITE	<b>144 - 146</b> AMATEUR AMATEUR-SATELLITE	<b>144 - 146</b> (a) Amateur (b) Amateur-satellite	(a)&(b) See note "B"
<b>146 - 148</b> AMATEUR FIXED MOBILE	<b>146 - 148</b> LAND MOBILE	<b>146 - 148</b> (a) Government	(a) See note "C"
<b>148 - 148.6</b> FIXED MOBILE MOBILE-SATELLITE (Earth-to-space) [1]	<b>148 - 148.6</b> LAND MOBILE MOBILE-SATELLITE (Earth-to-space)	<b>148 - 148.6</b> (a) Mobile Radio Systems Two-frequency simplex (base receive) paired with 143 - 143.6 MHz 12.5 kHz channel spacing 25 W erp maximum (b) Mobile Radio Systems On-site repeater systems paired with 143 - 143.6 MHz 12.5 kHz channel spacing 1 W erp maximum Frequencies :- Base transmit / Base receive (MHz) 143.0625 / 148.0625      143.1000 / 148.1000 (c) Mobile-satellite	(a) 64% of the frequency channels in the band are vacant.  (b)&(c) See note "B"

[1] The band 148 - 149.9 MHz is also allocated to the space operation (Earth-to-space) service on a primary basis.

MHz  
148.6 - 150.05

REGION 3 ALLOCATION	HONG KONG ALLOCATION	BAND PLAN AND EXISTING UTILISATION	REMARKS
<b>148.6 - 149.9</b> FIXED MOBILE MOBILE-SATELLITE (Earth-to-space) [1]	<b>148.6 - 149.9</b> LAND MOBILE MOBILE-SATELLITE (Earth-to-space)	<b>148.6 - 148.65</b> (a) Common Channel Frequencies for Portable Systems (MHz) 148.6125 Digital modulation 12.5 kHz channel spacing 1 W erp maximum (b) Mobile-satellite	(a)&(b) See note "B"
		<b>148.65 - 149.9</b> (a) Mobile Radio Systems Two-frequency simplex (base receive) paired with 154.75 - 156 MHz 12.5 kHz channel spacing 25 W erp maximum (b) Open Channel Frequencies (MHz), limited to Mobiles/Portables only 149.3375      149.3500      149.3625      149.3750      149.3875 149.4000      149.4125      149.4250      149.4375      149.4500 149.4625      149.4750      149.4875      149.5375      149.5500 12.5 kHz channel spacing 25 W erp maximum (c) Common Channel Frequencies for Portable Systems (MHz) 149.0250      149.0375      149.0500      149.2750      149.3000 149.3125      149.3250      149.5000      149.5250      149.7625 149.7750      149.7875 12.5 kHz channel spacing 1 W erp maximum (d) Mobile-satellite	(a) 50% of the frequency channels in the band are vacant.  (b),(c)&(d) See note "B"
<b>149.9 - 150.05</b> MOBILE-SATELLITE (Earth-to-space)	<b>149.9 - 150.05</b> MOBILE-SATELLITE (Earth-to-space)	<b>149.9 - 150.05</b> (a) Mobile-satellite	(a) See note "B"

[1] The band 148 - 149.9 MHz is also allocated to the space operation (Earth-to-space) service on a primary basis.

MHz  
150.05 - 157.1875

REGION 3 ALLOCATION	HONG KONG ALLOCATION	BAND PLAN AND EXISTING UTILISATION	REMARKS												
<b>150.05 - 156.4875</b> FIXED MOBILE	<b>150.05 - 156</b> LAND MOBILE	<b>150.05 - 150.75</b> (a) Government	(a) See note "C"												
		<b>150.75 - 154.75</b> (a) Mobile Radio Systems Two-frequency simplex (base transmit) paired with 138 - 142 MHz 12.5 kHz channel spacing, 25 W erp maximum (b) Mobile Radio Systems On-site repeater systems paired with 138 - 142 MHz 12.5 kHz channel spacing , 1 W erp maximum Frequencies :- Base transmit / Base receive (MHz) <table style="margin-left: 40px; border: none;"> <tr> <td>151.4000 / 138.6500</td> <td>152.3625 / 139.6125</td> <td>152.3875 / 139.6375</td> </tr> <tr> <td>153.0125 / 140.2625</td> <td>153.3625 / 140.6125</td> <td>153.3750 / 140.6250</td> </tr> <tr> <td>153.4125 / 140.6625</td> <td>153.4750 / 140.7250</td> <td>153.5500 / 140.8000</td> </tr> <tr> <td>153.6250 / 140.8750</td> <td>153.8125 / 141.0625</td> <td>153.9000 / 141.1500</td> </tr> </table>	151.4000 / 138.6500	152.3625 / 139.6125	152.3875 / 139.6375	153.0125 / 140.2625	153.3625 / 140.6125	153.3750 / 140.6250	153.4125 / 140.6625	153.4750 / 140.7250	153.5500 / 140.8000	153.6250 / 140.8750	153.8125 / 141.0625	153.9000 / 141.1500	(a) 43% of the frequency channels in the band are vacant. (b) See note "B"
		151.4000 / 138.6500	152.3625 / 139.6125	152.3875 / 139.6375											
153.0125 / 140.2625	153.3625 / 140.6125	153.3750 / 140.6250													
153.4125 / 140.6625	153.4750 / 140.7250	153.5500 / 140.8000													
153.6250 / 140.8750	153.8125 / 141.0625	153.9000 / 141.1500													
<b>154.75 - 156</b> (a) Mobile Radio Systems Two-frequency simplex (base transmit) paired with 148.65 - 149.9 MHz 12.5 kHz channel spacing, 25 W erp maximum (b) Demonstration frequency (155.9 MHz) 12.5 kHz channel spacing, 25 W erp maximum	(a) 50% of the frequency channels in the band are vacant. (b) See note "B"														
<b>156.4875 - 156.5625</b> MARITIME MOBILE (distress and calling via DSC)	<b>156 - 157.1875</b> MARITIME MOBILE	<b>156 - 157.1875</b> (a) Hague Plan 25 kHz channel spacing 25 W erp maximum	(a) See note "B"												
<b>156.5625 - 156.7625</b> FIXED MOBILE															
<b>156.7625 - 156.7875</b> MARITIME MOBILE Mobile-satellite (Earth-to-space)															
<b>156.7875 - 156.8125</b> MARITIME MOBILE (distress and calling)															
<b>156.8125 - 156.8375</b> MARITIME MOBILE Mobile-satellite (Earth-to-space)															
<b>156.8375 - 157.1875</b> FIXED MOBILE															



MHz  
157.1875 - 161.475

REGION 3 ALLOCATION	HONG KONG ALLOCATION	BAND PLAN AND EXISTING UTILISATION	REMARKS
* 157.1875 - 157.3375 FIXED MOBILE Maritime mobile-satellite [1]	157.1875 - 157.3375 MARITIME MOBILE Maritime mobile-satellite	157.1875 - 157.3375 (a) Hague Plan 25 kHz channel spacing 25 W erp maximum	(a) See note "B"
157.3375 - 161.475 FIXED MOBILE	157.3375 - 158 MARITIME MOBILE	157.3375- 157.45 (a) Hague Plan 25 kHz channel spacing 25 W erp maximum	(a) See note "B"
		157.45 - 158 (a) Maritime mobile (private channels) 25 kHz channel spacing 25 W erp maximum	(a) 40% of the frequency channels in the band are vacant.
	158 - 160.6 LAND MOBILE MARITIME MOBILE	158 - 158.825 (a) Mobile Radio Systems (marine fleet) Single-frequency simplex 12.5 kHz channel spacing 25 W erp maximum (b) Maritime mobile (private channels) 25 kHz channel spacing 25 W erp maximum	(a)&(b) 64% of the frequency channels in the band are vacant.
		158.825 - 159.3875	See note "K"
		159.3875 - 160.6 (a) Mobile Radio Systems (marine fleet) Single-frequency simplex 12.5 kHz channel spacing 25 W erp maximum	(a) 58% of the frequency channels in the band are vacant.
		160.6 - 161.475 MARITIME MOBILE	160.6 - 160.975 (a) Hague Plan 25 kHz channel spacing 25 W erp maximum
160.975 - 161.475	See note "K"		

[1] The use of the frequency band 157.1875-157.3375 MHz by the maritime mobile-satellite service is limited to non-geostationary-satellite systems operating in accordance with Appendix 18 of the Radio Regulations.

MHz  
161.475 - 163

REGION 3 ALLOCATION	HONG KONG ALLOCATION	BAND PLAN AND EXISTING UTILISATION	REMARKS
<b>161.475 - 161.7875</b> FIXED MOBILE	<b>161.475 - 161.7875</b> MARITIME MOBILE	<b>161.475 - 162.05</b> (a) Hague Plan 25 kHz channel spacing 25 W erp maximum (b) Maritime mobile-satellite 161.9375 - 161.9625 MHz 161.9875 - 162.0125 MHz	(a)&(b) See note "B"
* <b>161.7875 - 161.9375</b> FIXED MOBILE Maritime mobile-satellite [1]	<b>161.7875 - 161.9375</b> MARITIME MOBILE Maritime mobile-satellite		
<b>161.9375 - 161.9625</b> FIXED MOBILE Maritime mobile-satellite (Earth-to-space) [2]	<b>161.9375 - 161.9625</b> MARITIME MOBILE Maritime mobile-satellite (Earth-to-space)		
<b>161.9625 - 161.9875</b> MARITIME MOBILE Aeronautical mobile (OR) Mobile-satellite (Earth-to-space)	<b>161.9625 - 161.9875</b> MARITIME MOBILE		
<b>161.9875 - 162.0125</b> FIXED MOBILE Maritime mobile-satellite (Earth-to-space) [2]	<b>161.9875 - 162.0125</b> MARITIME MOBILE Maritime mobile-satellite (Earth-to-space)		
<b>162.0125 - 162.0375</b> MARITIME MOBILE Aeronautical mobile (OR) Mobile-satellite (Earth-to-space)	<b>162.0125 - 163</b> MARITIME MOBILE		
<b>162.0375 - 163</b> FIXED MOBILE			

[1] The use of the frequency band 161.7875-161.9375 MHz by the maritime mobile-satellite service is limited to non-geostationary-satellite systems operating in accordance with Appendix 18 of the Radio Regulations.

[2] Use of the frequency bands 161.9375 - 161.9625 MHz and 161.9875 - 162.0125 MHz by the maritime mobile-satellite (Earth-to-space) service is limited to systems which operate in accordance with Appendix 18 of the Radio Regulations.

MHz  
163 - 174

REGION 3 ALLOCATION	HONG KONG ALLOCATION	BAND PLAN AND EXISTING UTILISATION	REMARKS
<b>163 - 174</b> FIXED MOBILE	<b>163 - 174</b> LAND MOBILE	<b>163 - 165</b> (a) Government	(a) See note "C"
		<b>165 - 167.5</b> (a) Mobile Radio Systems Two-frequency simplex (base receive) paired with 169.5 - 172 MHz 12.5 kHz channel spacing 25 W erp maximum	(a) 76% of the frequency channels in the band are vacant.
		<b>167.5 - 168.5</b> (a) Mobile Radio Systems Single-frequency simplex 12.5 kHz channel spacing 25 W erp maximum	(a) 49% of the frequency channels in the band are vacant.
		<b>168.5 - 169.5</b> (a) Mobile Radio Systems Single-frequency simplex 12.5 kHz channel spacing 25 W erp maximum	(a) 64% of the frequency channels in the band are vacant.
		<b>169.5 - 172</b> (a) Mobile Radio Systems Two-frequency simplex (base transmit) paired with 165 - 167.5 MHz 12.5 kHz channel spacing 25 W erp maximum	(a) 76% of the frequency channels in the band are vacant.
		<b>172 - 173</b> (a) Public Paging 25 kHz channel spacing 25 W erp maximum	(a) 67% of the frequency channels in the band are vacant.
		<b>173 - 174</b> (a) Government (b) Telecommunications Apparatus [1] 173.96 - 174.24 MHz	(a) See note "C" (b) See note "J"

[1] Details are given in the Telecommunications (Telecommunications Apparatus) (Exemption from Licensing) Order.

MHz  
174 - 184

REGION 3 ALLOCATION	HONG KONG ALLOCATION	BAND PLAN AND EXISTING UTILISATION	REMARKS
<b>174 - 184</b> FIXED MOBILE BROADCASTING	<b>174 - 184</b> FIXED LAND MOBILE	<b>174 - 175</b> (a) Wireless Microphones 75 kHz channel spacing 20 mW erp maximum (b) Telecommunications Apparatus [1] 173.96 - 174.24 MHz	(a) See note "B"  (b) See note "J"
		<b>175 - 175.5</b> (a) Common Channel Frequencies for Portable Systems (MHz) 175.3750 175.3875 175.4000 175.4125 175.4250 175.4375 175.4500 175.4625 175.4750 175.4875 12.5 kHz channel spacing 1 W erp maximum	(a) See note "B"
		<b>175.5 - 176.5</b> (a) Fixed Paired with 180.5 - 181.5 MHz 25 kHz channel spacing	(a) See note "G"
		<b>176.5 - 182.5</b> (a) Community Repeater Two-frequency simplex (repeater transmit) paired with 191.5 - 197.5 MHz 12.5 kHz channel spacing 25 W erp maximum (b) Fixed 180.5 - 181.5 MHz paired with 175.5 - 176.5 MHz 25 kHz channel spacing (c) Demonstration Frequency 179.7875 MHz 12.5 kHz channel spacing 25 W erp maximum	(a) 84% of the frequency channels in the band are vacant.  (b) See note "G"  (c) See note "B"
		<b>182.5 - 184</b>	See note "K"

[1] Details are given in the Telecommunications (Telecommunications Apparatus) (Exemption from Licensing) Order.

MHz  
184 - 235

REGION 3 ALLOCATION	HONG KONG ALLOCATION	BAND PLAN AND EXISTING UTILISATION	REMARKS
<b>184 - 223</b> FIXED MOBILE BROADCASTING	<b>184 - 197.5</b> FIXED LAND MOBILE	<b>184 - 191.5</b> (a) Low Power Telemetry Systems (b) Studio Wireless Intercommunication Service 184 - 185.4 MHz (c) Telecommunications Apparatus 187.5 - 188 MHz [1]	(a)&(b) See note "B"  (c) See note "J"
		<b>191.5 - 197.5</b> (a) Community Repeater Two-frequency simplex (repeater receive) paired with 176.5 - 182.5 MHz 12.5 kHz channel spacing 25 W erp maximum	(a) 84% of the frequency channels in the band are vacant.
	<b>197.5 - 215</b> TO BE PLANNED	<b>197.5 - 215</b>	See note "I"
	<b>215 - 216</b> FIXED MOBILE	<b>215 - 216</b> (a) Studio and Outside Broadcast (OB) Links	(a) 77% of the frequency channels in the band are vacant.
	<b>216 - 223</b> BROADCASTING FIXED MOBILE	<b>216 - 223</b>	See note "K"
<b>223 - 230</b> FIXED MOBILE BROADCASTING AERONAUTICAL RADIONAVIGATION Radiolocation	<b>223 - 235</b> FIXED MOBILE	<b>223 - 235</b> (a) Mobile Radio Systems Two-frequency simplex 226.5 - 227.4875 MHz paired with 233.5 - 234.4875 MHz 12.5 kHz channel spacing 25 W erp maximum	(a) 81% of the frequency channels in the band are vacant.
<b>230 - 235</b> FIXED MOBILE AERONAUTICAL RADIONAVIGATION		Single-frequency simplex 228 - 229.7375 MHz 12.5 kHz channel spacing 25 W erp maximum	

[1] Details are given in the Telecommunications (Telecommunications Apparatus) (Exemption from Licensing) Order.

MHz  
235 - 335.4

REGION 3 ALLOCATION	HONG KONG ALLOCATION	BAND PLAN AND EXISTING UTILISATION	REMARKS
235 - 267 FIXED MOBILE	235 - 322 FIXED MOBILE	235 - 239	See note "K"
267 - 272 FIXED MOBILE Space operation (space-to-Earth) [1]		239 - 279 (a) Government (b) Search and Rescue (243 MHz) (c) Telecommunications Apparatus [2] 253.85 - 255 MHz paired with 380.2 - 381.325 MHz, 266.75 - 267.25 MHz	(a) See note "C" (b) See note "B" (c) See note "J"
272 - 273 SPACE OPERATION (space-to-Earth) FIXED MOBILE		279 - 281 (a) Public Paging 25 kHz channel spacing 100 W erp maximum	(a) 40% of the frequency channels in the band are vacant.
273 - 312 FIXED MOBILE		281 - 311.3 (a) Government	(a) See note "C"
312 - 315 FIXED MOBILE Mobile-satellite (Earth-to-space)		311.3 - 322 (a) Telecommunications Apparatus [2] 313.75 - 314.25 MHz, 314.75 - 315.25 MHz	(a) See note "J"
315 - 322 FIXED MOBILE			
322 - 328.6 FIXED MOBILE RADIO ASTRONOMY	322 - 328.6 TO BE PLANNED	322 - 328.6	See note "I"
328.6 - 335.4 AERONAUTICAL RADIONAVIGATION	328.6 - 335.4 AERONAUTICAL RADIONAVIGATION	328.6 - 335.4 (a) Aeronautical radionavigation	(a) See note "C"

[1] The band 267 - 272 MHz may be used for space telemetry on a primary basis.

[2] Details are given in the Telecommunications (Telecommunications Apparatus) (Exemption from Licensing) Order.

MHz  
335.4 - 402

REGION 3 ALLOCATION	HONG KONG ALLOCATION	BAND PLAN AND EXISTING UTILISATION	REMARKS
<b>335.4 - 387</b> FIXED MOBILE	<b>335.4 - 399.9</b> FIXED MOBILE	<b>335.4 - 399.9</b> (a) Government 335.4 - 361 MHz, 366 - 381.325 MHz, 382.65 - 399.9 MHz (b) Mobile Radio Systems 361 - 366 MHz Single-frequency simplex 25 kHz channel spacing (c) Mobile Radio Systems 381.325 - 382.65 MHz Single-frequency simplex 25 kHz channel spacing (d) Telecommunications Apparatus [1] 380.2 - 381.325 MHz paired with 253.85 - 255 MHz	(a) See note "C"
<b>387 - 390</b> FIXED MOBILE Mobile-satellite (space-to-Earth)			(b) 95% of the frequency channels in the band are vacant.
<b>390 - 399.9</b> FIXED MOBILE			(c) 39% of the frequency channels in the band are vacant.
<b>399.9 - 400.05</b> MOBILE-SATELLITE (Earth-to-space)	<b>399.9 - 400.05</b> TO BE PLANNED	<b>399.9 - 400.05</b>	See note "I"
<b>400.05 - 400.15</b> STANDARD FREQUENCY AND TIME SIGNAL-SATELLITE (400.1 MHz)	<b>400.05 - 400.15</b> STANDARD FREQUENCY AND TIME SIGNAL-SATELLITE	<b>400.05 - 400.15</b> (a) Standard frequency and time signal-satellite	(a) See note "K"
<b>400.15 - 401</b> METEOROLOGICAL AIDS METEOROLOGICAL-SATELLITE (space-to-Earth) MOBILE-SATELLITE (space-to-Earth) SPACE RESEARCH (space-to-Earth) Space operation (space-to-Earth)	<b>400.15 - 401</b> METEOROLOGICAL AIDS	<b>400.15 - 402</b> (a) Meteorological aids (Radiosonde) (b) Medical Implant Communication System 401 - 406 MHz	(a) See note "C"
<b>401 - 402</b> METEOROLOGICAL AIDS SPACE OPERATION (space-to-Earth) EARTH EXPLORATION-SATELLITE (Earth-to-space) METEOROLOGICAL-SATELLITE (Earth-to-space) Fixed Mobile except aeronautical mobile			(b) See note "J"

[1] Details are given in the Telecommunications (Telecommunications Apparatus) (Exemption from Licensing) Order.

MHz  
402 - 430

REGION 3 ALLOCATION	HONG KONG ALLOCATION	BAND PLAN AND EXISTING UTILISATION	REMARKS
<b>402 - 403</b> METEOROLOGICAL AIDS EARTH EXPLORATION-SATELLITE (Earth-to-space) METEOROLOGICAL-SATELLITE (Earth-to-space) Fixed Mobile except aeronautical mobile	<b>402 - 403</b> METEOROLOGICAL AIDS EARTH EXPLORATION-SATELLITE (Earth-to-space) METEOROLOGICAL-SATELLITE (Earth-to-space) Mobile except aeronautical mobile	<b>402 - 406</b> (a) Meteorological aids (Radiosonde) (b) Medical Implant Communication System 401 - 406 MHz	(a) See note "C"  (b) See note "J"
<b>403 - 406</b> METEOROLOGICAL AIDS Fixed Mobile except aeronautical mobile	<b>403 - 406</b> METEOROLOGICAL AIDS Mobile except aeronautical mobile		
<b>406 - 406.1</b> MOBILE-SATELLITE (Earth-to-space)	<b>406 - 406.1</b> MOBILE-SATELLITE (Earth-to-space)	<b>406 - 406.1</b> (a) Emergency Position Indicating Radio Beacon (EPIRB)	(a) See note "B"
<b>406.1 - 410</b> FIXED MOBILE except aeronautical mobile RADIO ASTRONOMY	<b>406.1 - 430</b> FIXED LAND MOBILE	<b>406.1 - 430</b> (a) Government (b) Telecommunications Apparatus [1] 409.74 - 410 MHz	(a) See note "C" (b) See note "J"
<b>410 - 420</b> FIXED MOBILE except aeronautical mobile SPACE RESEARCH (space-to-space)			
<b>420 - 430</b> FIXED MOBILE except aeronautical mobile Radiolocation			

[1] Details are given in the Telecommunications (Telecommunications Apparatus) (Exemption from Licensing) Order.



MHz  
430 - 458.85

REGION 3 ALLOCATION	HONG KONG ALLOCATION	BAND PLAN AND EXISTING UTILISATION	REMARKS
<b>430 - 432</b> RADIOLOCATION Amateur	<b>430 - 440</b> RADIOLOCATION Amateur	<b>430 - 440</b> (a) Amateur 430 - 431 MHz, 435 - 440 MHz (b) Amateur-satellite 435 - 438 MHz (c) Short Range Device 433 - 434.79 MHz	(a)&(b) See note "B"  (c) See note "J"
<b>432 - 438</b> RADIOLOCATION Amateur Earth exploration-satellite (active) [1]			
<b>438 - 440</b> RADIOLOCATION Amateur			
<b>440 - 450</b> FIXED MOBILE except aeronautical mobile Radiolocation	<b>440 - 458.85</b> LAND MOBILE	<b>440 - 450</b> (a) Mobile Radio Systems Two-frequency simplex 447 - 450 MHz (base transmit) paired with 440 - 443 MHz 12.5 kHz/25 kHz channel spacing Single-frequency simplex 443 - 447 MHz 12.5 kHz/25 kHz channel spacing (b) Mobile Radio Systems On-site repeater systems 440 - 442 MHz paired with 448 - 450 MHz 12.5 kHz/25 kHz channel spacing 1 W erp maximum Frequencies :- Base transmit / Base receive (MHz) 440.0250 / 448.1250      440.0500 / 448.1500 440.1250 / 448.2250      440.2500 / 448.3500 440.4750 / 448.6750 448.1500 / 440.0500      448.3500 / 440.2500 448.7750 / 440.6750      449.1250 / 441.1250	(a) 58% of the frequency channels in the band are vacant.  (b) See note "B"
<b>450 - 458.85</b> FIXED MOBILE [2]			

[1] Amateur-satellite service may operate in 435 - 438 MHz subject to not causing harmful interference to other services operating in accordance with this Table.

[2] Use of the frequency bands 457.5125 - 457.5875 MHz and 467.5125 - 467.5875 MHz by the maritime mobile service is limited to on-board communication stations. The characteristics of the equipment and the channelling arrangement shall be in accordance with Recommendation ITU-R M.1174-3.

MHz  
458.85 - 460

REGION 3 ALLOCATION	HONG KONG ALLOCATION	BAND PLAN AND EXISTING UTILISATION	REMARKS
<b>458.85 - 460</b> FIXED MOBILE	<b>458.85 - 460</b> LAND MOBILE	<b>458.85 - 459</b> (a) On-site Paging Frequencies (MHz) :- 458.850  458.875  458.900  458.925  458.950  458.975 25 kHz channel spacing 2 W erp maximum	(a) See note "G"
		<b>459 - 459.5</b> (a) Mobile Radio Systems Two-frequency simplex (base transmit) paired with 464 - 464.5 MHz 25 kHz channel spacing (b) Mobile Radio Systems On-site repeater systems paired with 464 - 464.5 MHz 25 kHz channel spacing 1 W erp maximum Frequencies :- Base transmit / Base receive (MHz) 459.3250 / 464.3250 459.4000 / 464.4000 459.4250 / 464.4250 459.4750 / 464.4750	(a) 27% of the frequency channels in the band are vacant. (b) See note "B"
		<b>459.5 - 460</b> (a) Government	(a) See note "C"

MHz  
460 - 465

REGION 3 ALLOCATION	HONG KONG ALLOCATION	BAND PLAN AND EXISTING UTILISATION	REMARKS
<b>460 - 465</b> FIXED MOBILE Meteorological-satellite (space-to-Earth)	<b>460 - 465</b> LAND MOBILE	<b>460 - 464</b> (a) Mobile Radio Systems Single-frequency simplex 25 kHz channel spacing (b) Common Channel Frequencies for Portable Systems (MHz) 460.850    462.850    462.925 463.100    463.375    463.400 25 kHz channel spacing 1 W erp maximum 460.625 Digital modulation 12.5 kHz channel spacing 1 W erp maximum	(a) 42% of the frequency channels in the band are vacant. (b) See note "B"
		<b>464 - 465</b> (a) Mobile Radio Systems Two-frequency simplex 464 - 464.5 MHz (base receive) paired with 459 - 459.5 MHz 25 kHz channel spacing Single-frequency simplex 25 kHz channel spacing (b) Mobile Radio Systems On-site repeater systems 464 - 464.5 MHz paired with 459 - 459.5 MHz 25 kHz channel spacing 1 W erp maximum Frequencies :- Base transmit / Base receive (MHz) 459.3250 / 464.3250 459.4000 / 464.4000 459.4250 / 464.4250 459.4750 / 464.4750	(a) 27% of the frequency channels in the band are vacant. (b) See note "B"

MHz  
465 - 470

REGION 3 ALLOCATION	HONG KONG ALLOCATION	BAND PLAN AND EXISTING UTILISATION	REMARKS
<b>465 - 470</b> FIXED MOBILE Meteorological-satellite (space-to-Earth) [1]	<b>465 - 470</b> LAND MOBILE	<b>465 - 465.5</b> (a) Mobile Radio Systems Two-frequency simplex (base receive) paired with 469.5 - 470 MHz 25 kHz channel spacing (b) Mobile Radio Systems On-site repeater systems paired with 469 - 469.5 MHz 25 kHz channel spacing 1 W erp maximum Frequencies :- Base transmit / Base receive (MHz) 469.1250 / 465.1250 469.1750 / 465.1750 469.2000 / 465.2000 469.3750 / 465.3750 (c) Demonstration Frequency (465.5 MHz) 25 kHz channel spacing 25 W erp maximum	(a) 14% of the frequency channels in the band are vacant. (b) See note "B" (c) See note "B"
		<b>465.5 - 469.5</b> (a) Mobile Radio Systems 25 kHz channel spacing [1] (b) Mobile Radio Systems On-site repeater systems 469 - 469.5 MHz paired with 465 - 465.5 MHz 25 kHz channel spacing 1 W erp maximum Frequencies :- Base transmit / Base receive (MHz) 469.1250 / 465.1250 469.1750 / 465.1750 469.2000 / 465.2000 469.3750 / 465.3750	(a) 35% of the frequency channels in the band are vacant. (b) See note "B"
		<b>469.5 - 470</b> (a) Mobile Radio Systems Two-frequency simplex (base transmit) paired with 465 - 465.5 MHz 25 kHz channel spacing	(a) 14% of the frequency channels in the band are vacant.

[1] Use of the frequency bands 457.5125 - 457.5875 MHz and 467.5125 - 467.5875 MHz by the maritime mobile service is limited to on-board communication stations. The characteristics of the equipment and the channelling arrangement shall be in accordance with Recommendation ITU-R M.1174-3.

MHz  
470 - 806

REGION 3 ALLOCATION	HONG KONG ALLOCATION	BAND PLAN AND EXISTING UTILISATION	REMARKS
<b>470 - 585</b> FIXED MOBILE BROADCASTING	<b>470 - 614</b> BROADCASTING	<b>470 - 614</b> (a) Television Broadcasting Transmission standard: National Standard GB20600-2006 (digital format) 8 MHz channel spacing  (b) UHF Wireless Microphone 479 - 565 MHz 20 mW erp maximum Bandwidth 330 kHz	(a) See note "D"
<b>585 - 610</b> FIXED MOBILE BROADCASTING RADIONAVIGATION			(b) See note "B"
<b>610 - 806</b> FIXED MOBILE BROADCASTING	<b>614 - 806</b> MOBILE	<b>614 - 806</b> (a) Public Mobile Services 703 - 738 MHz (base receive) paired with 758 - 793 MHz	(a) See note "E"

MHz  
806 - 837.5

REGION 3 ALLOCATION	HONG KONG ALLOCATION	BAND PLAN AND EXISTING UTILISATION	REMARKS
<b>806 - 837.5</b> FIXED MOBILE BROADCASTING [1]	<b>806 - 837.5</b> LAND MOBILE	<b>806 - 818</b> (a) Conventional or Trunked Mobile Radio System & Mobile Data Systems 806 - 818 MHz (repeater receive) paired with 851 - 863 MHz 25 kHz channel spacing 100 W erp maximum	(a) 27% of the frequency channels in the band are vacant.
		<b>818 - 819.1</b> (a) Cross-Border Trunked Radio Systems 818 - 819.1 MHz (repeater receive) paired with 863 - 864.1 MHz 25 kHz channel spacing 100 W erp maximum	(a) 54% of the frequency channels in the band are vacant.
		<b>819.1 - 825</b> (a) Telecommunications Apparatus [2] 819.1 - 823.1 MHz (b) Two-Way Paging 823.7 - 824 MHz (base receive) paired with 868.7 - 869 MHz 12.5 kHz channel spacing 25 W erp maximum	(a) See note "J"  (b) See note "K"
		<b>825 - 832.5</b> (a) Public Mobile Services 825 - 832.5 MHz (base receive) paired with 870 - 877.5 MHz	(a) See note "E"
		<b>832.5 - 837.5</b> (a) Public Mobile Services 832.5 - 837.5 MHz (base receive) paired with 877.5 - 882.5 MHz	(a) See note "E"

[1] The band 806 - 890 MHz is also allocated to the mobile-satellite, except aeronautical mobile-satellite (R), service on a primary basis.

[2] Details are given in the Telecommunications (Telecommunications Apparatus) (Exemption from Licensing) Order.

MHz  
837.5 - 870

REGION 3 ALLOCATION	HONG KONG ALLOCATION	BAND PLAN AND EXISTING UTILISATION	REMARKS
<b>837.5 - 870</b> FIXED MOBILE BROADCASTING [1]	<b>837.5 - 870</b> LAND MOBILE	<b>837.5 - 851</b>	See note "K"
		<b>851 - 863</b> (a) Conventional or Trunked Mobile Radio Systems & Mobile Data Systems 851 - 863 MHz (repeater transmit) paired with 806 - 818 MHz 25 kHz channel spacing 100 W erp maximum	(a) 27% of the frequency channels in the band are vacant.
		<b>863 - 864.1</b> (a) Cross-Border Trunked Radio System 863 - 864.1 MHz (repeater transmit) paired with 818 - 819.1 MHz 25 kHz channel spacing 100 W erp maximum	(a) 54% of the frequency channels in the band are vacant.
		<b>864.1 - 868.1</b> (a) Telecommunications Apparatus [2] 864.1 - 868.1 MHz 865 - 868 MHz	(a) See note "J"
		<b>868.1 - 870</b> (a) Two-Way Paging 868.7 - 869 MHz (base transmit) paired with 823.7 - 824 MHz 12.5 kHz channel spacing 25 W erp maximum	(a) See note "K"

[1] The band 806 - 890 MHz is also allocated to the mobile-satellite, except aeronautical mobile-satellite (R), service on a primary basis.

[2] Details are given in the Telecommunications (Telecommunications Apparatus) (Exemption from Licensing) Order.

MHz  
870 - 925

REGION 3 ALLOCATION	HONG KONG ALLOCATION	BAND PLAN AND EXISTING UTILISATION	REMARKS
<b>870 - 890</b> FIXED MOBILE BROADCASTING [1]	<b>870 - 925</b> LAND MOBILE	<b>870 - 877.5</b> (a) Public Mobile Services 870 - 877.5 MHz (base transmit) paired with 825 - 832.5 MHz	(a) See note "E"
		<b>877.5 - 885</b> (a) Public Mobile Services 877.5 - 882.5 MHz (base transmit) paired with 832.5 - 837.5 MHz (b) Government 882.5 - 885 MHz	(a) See note "E"  (b) See note "C"
		<b>885 - 915</b> (a) Public Mobile Services 885 - 915 MHz (base receive) paired with 930 - 960 MHz	(a) See note "E"
<b>890 - 925</b> FIXED MOBILE BROADCASTING Radiolocation		<b>915 - 925</b> (a) Mobile 915 - 919.5 MHz (b) Telecommunications Apparatus [2] 919.5 - 920 MHz 920 - 925 MHz	(a) 50% of the frequency channels in the band are vacant. (b) See note "J"

[1] The band 806 - 890 MHz is also allocated to the mobile-satellite, except aeronautical mobile-satellite (R), service on a primary basis.

[2] Details are given in the Telecommunications (Telecommunications Apparatus) (Exemption from Licensing) Order.



MHz  
925 - 960

REGION 3 ALLOCATION	HONG KONG ALLOCATION	BAND PLAN AND EXISTING UTILISATION	REMARKS
<b>925 - 942</b> FIXED MOBILE BROADCASTING Radiolocation	<b>925 - 960</b> LAND MOBILE	<b>925 - 930</b> (a) Government 927.5 - 930 MHz	(a) See note "C"
		<b>930 - 960</b> (a) Public Mobile Services 930 - 960 MHz (base transmit) paired with 885 - 915 MHz	(a) See note "E"
<b>942 - 960</b> FIXED MOBILE BROADCASTING [1]			

[1] The band 942 - 960 MHz is also allocated to the mobile-satellite, except aeronautical mobile-satellite (R), service on a primary basis.

MHz  
960 - 1260

REGION 3 ALLOCATION	HONG KONG ALLOCATION	BAND PLAN AND EXISTING UTILISATION	REMARKS
<b>960 - 1164</b> AERONAUTICAL MOBILE (R) [1] AERONAUTICAL RADIONAVIGATION [2]	<b>960 - 1087.7</b> AERONAUTICAL MOBILE AERONAUTICAL RADIONAVIGATION	<b>960 - 1164</b> (a) Aeronautical radionavigation (b) Aeronautical mobile (c) Aeronautical mobile-satellite 1087.7 - 1092.3 MHz	(a) See note "C" (b)&(c) See note "B"
	<b>1087.7 - 1092.3</b> AERONAUTICAL MOBILE AERONAUTICAL RADIONAVIGATION AERONAUTICAL MOBILE-SATELLITE (Earth-to-space)		
	<b>1092.3 - 1164</b> AERONAUTICAL MOBILE AERONAUTICAL RADIONAVIGATION		
<b>1164 - 1215</b> AERONAUTICAL RADIONAVIGATION RADIONAVIGATION-SATELLITE (space-to-Earth) (space-to-space) [3]	<b>1164 - 1215</b> AERONAUTICAL RADIONAVIGATION RADIONAVIGATION-SATELLITE (space-to-Earth) (space-to-space)	<b>1164 - 1215</b> (a) Aeronautical radionavigation	(a) See note "C"
<b>1215 - 1240</b> EARTH EXPLORATION-SATELLITE (active) RADIOLOCATION RADIONAVIGATION-SATELLITE (space-to-Earth) (space-to-space) SPACE RESEARCH (active)	<b>1215 - 1260</b> RADIOLOCATION RADIONAVIGATION-SATELLITE (space-to-Earth)	<b>1215 - 1260</b> (a) Radiolocation	(a) See note "B"
<b>1240 - 1260</b> EARTH EXPLORATION-SATELLITE (active) RADIOLOCATION RADIONAVIGATION-SATELLITE (space-to-Earth) (space-to-space) SPACE RESEARCH (active) Amateur			

[1] The use of the frequency band 960 - 1164 MHz by the aeronautical mobile (R) service is limited to systems that operate in accordance with recognised international aeronautical standards. Such use shall be in accordance with Resolution 417 (Rev.WRC-15) of the Radio Regulations.

[2] The frequency band 1087.7 - 1092.3 MHz is also allocated to the aeronautical mobile -satellite (R) (Earth-to-space) service on a primary basis, limited to the space station reception of Automatic Dependent Surveillance-Broadcast (ADS-B) emissions from aircraft transmitters that operate in accordance with recognised international aeronautical standards. Stations operating in the aeronautical mobile-satellite (R) service shall not claim protection from stations operating in the aeronautical radionavigation service. Resolution 425 (Rev.WRC-19) of the Radio Regulations shall apply.

[3] Stations in the radionavigation-satellite service in the band 1164 - 1215 MHz shall operate in accordance with the provisions of Resolution 609 (Rev.WRC-07) of the Radio Regulations and shall not claim protection from stations in the aeronautical radionavigation service in the band 960 - 1215 MHz.

MHz  
1260 - 1400

REGION 3 ALLOCATION	HONG KONG ALLOCATION	BAND PLAN AND EXISTING UTILISATION	REMARKS
<b>1260 - 1300</b> EARTH EXPLORATION-SATELLITE (active) RADIOLOCATION RADIONAVIGATION-SATELLITE (space-to-Earth) (space-to-space) SPACE RESEARCH (active) Amateur [1]	<b>1260 - 1300</b> RADIOLOCATION RADIONAVIGATION-SATELLITE (space-to-Earth)	<b>1260 - 1300</b> (a) Radiolocation	(a) See note "B"
<b>1300 - 1350</b> AERONAUTICAL RADIONAVIGATION RADIOLOCATION RADIONAVIGATION-SATELLITE (Earth-to-space)	<b>1300 - 1350</b> AERONAUTICAL RADIONAVIGATION RADIONAVIGATION-SATELLITE (Earth-to-space)	<b>1300 - 1350</b> (a) Aeronautical radionavigation	(a) See note "C"
<b>1350 - 1400</b> RADIOLOCATION	<b>1350 - 1400</b> RADIOLOCATION	<b>1350 - 1400</b> (a) Radiolocation	(a) See note "B"

[1] Amateur-satellite service may operate in the band 1260 - 1270 MHz subject to not causing harmful interference to other services operating in accordance with this Table. The use of the band 1260 - 1270 MHz by the amateur-satellite service is limited to Earth-to-space direction.

MHz  
1400 - 1525

REGION 3 ALLOCATION	HONG KONG ALLOCATION	BAND PLAN AND EXISTING UTILISATION	REMARKS
<b>1400 - 1427</b> EARTH EXPLORATION-SATELLITE (passive) RADIO ASTRONOMY SPACE RESEARCH (passive) [1]	<b>1400 - 1427</b> ALL EMISSIONS PROHIBITED	<b>1400 - 1427</b> (a) All emissions prohibited	(a) See note "A"
<b>1427 - 1429</b> SPACE OPERATION (Earth-to-space) FIXED MOBILE except aeronautical mobile	<b>1427 - 1429</b> TO BE PLANNED	<b>1427 - 1429</b>	See note "I"
<b>1429 - 1452</b> FIXED MOBILE	<b>1429 - 1466</b> FIXED	<b>1429 - 1525</b> (a) Fixed 1429 - 1466 MHz 1480 - 1518 MHz (b) Broadcasting and Mobile 1466 - 1480 MHz (c) Telecommunications Apparatus [3] 1518 - 1559 MHz	(a) 53% of the frequency channels in the band are vacant. (b) See note "K" (c) See note "J"
<b>1452 - 1492</b> FIXED MOBILE BROADCASTING BROADCASTING-SATELLITE	<b>1466 - 1480</b> BROADCASTING MOBILE		
<b>1492 - 1518</b> FIXED MOBILE	<b>1480 - 1518</b> FIXED		
<b>1518 - 1525</b> FIXED MOBILE MOBILE-SATELLITE (space-to-Earth) [2]	<b>1518 - 1525</b> FIXED MOBILE-SATELLITE (space-to-Earth)		

[1] All emissions in the band 1400 - 1427 MHz are prohibited.

[2] The use of the band 1518 - 1525 MHz by the mobile-satellite service is subject to coordination under No. 9.11A of the Radio Regulations. In the band 1518 - 1525 MHz, stations in the mobile-satellite service shall not claim protection from stations in the fixed service.

[3] Details are given in the Telecommunications (Telecommunications Apparatus) (Exemption from Licensing) Order.

MHz  
1525 - 1535

REGION 3 ALLOCATION	HONG KONG ALLOCATION	BAND PLAN AND EXISTING UTILISATION	REMARKS
<b>1525 - 1530</b> SPACE OPERATION (space-to-Earth) FIXED MOBILE-SATELLITE (space-to-Earth) Earth exploration-satellite Mobile	<b>1525 - 1530</b> FIXED MOBILE-SATELLITE (space-to-Earth)	<b>1525 - 1530</b> (a) Fixed  (b) Telecommunications Apparatus [2] 1518 - 1559 MHz	(a) 28% of the frequency channels in the band are vacant. (b) See note "J"
<b>1530 - 1535</b> SPACE OPERATION (space-to-Earth) MOBILE-SATELLITE (space-to-Earth) [1] Earth exploration-satellite Fixed Mobile	<b>1530 - 1535</b> MOBILE-SATELLITE (space-to-Earth)	<b>1530 - 1535</b> (a) Telecommunications Apparatus [2] 1518 - 1559 MHz	(a) See note "J"

[1] Mobile-satellite systems shall not cause unacceptable interference to, or claim protection from, distress, urgency and safety communications of the Global Maritime Distress and Safety System (GMDSS).

[2] Details are given in the Telecommunications (Telecommunications Apparatus) (Exemption from Licensing) Order.

MHz  
1535 - 1613.8

REGION 3 ALLOCATION	HONG KONG ALLOCATION	BAND PLAN AND EXISTING UTILISATION	REMARKS
<b>1535 - 1559</b> MOBILE-SATELLITE (space-to-Earth) [1]	<b>1535 - 1559</b> MOBILE-SATELLITE (space-to-Earth)	<b>1535 - 1559</b> (a) Telecommunications Apparatus [3] 1518 - 1559 MHz	(a) See note "J"
<b>1559 - 1610</b> AERONAUTICAL RADIONAVIGATION RADIONAVIGATION-SATELLITE (space-to-Earth) (space-to-space)	<b>1559 - 1610</b> AERONAUTICAL RADIONAVIGATION RADIONAVIGATION-SATELLITE (space-to-Earth)	<b>1559 - 1610</b> (a) Radionavigation-satellite	(a) See note "B"
<b>1610 - 1610.6</b> MOBILE-SATELLITE (Earth-to-space) AERONAUTICAL RADIONAVIGATION Radiodetermination-satellite (Earth-to-space) [2]	<b>1610 - 1613.8</b> MOBILE-SATELLITE (Earth-to-space)	<b>1610 - 1613.8</b> (a) Telecommunications Apparatus [3] 1610 - 1660.5 MHz	(a) See note "J"
<b>1610.6 - 1613.8</b> MOBILE-SATELLITE (Earth-to-space) RADIO ASTRONOMY AERONAUTICAL RADIONAVIGATION Radiodetermination-satellite (Earth-to-space) [2]			

[1] Mobile-satellite systems shall not cause unacceptable interference to, or claim protection from, distress, urgency and safety communications of the Global Maritime Distress and Safety System (GMDSS).

[2] The band 1610 - 1626.5 MHz is also allocated to the aeronautical mobile-satellite (R) service on a primary basis.

[3] Details are given in the Telecommunications (Telecommunications Apparatus) (Exemption from Licensing) Order.

MHz  
1613.8 - 1626.5

REGION 3 ALLOCATION	HONG KONG ALLOCATION	BAND PLAN AND EXISTING UTILISATION	REMARKS
<b>1613.8 - 1621.35</b> MOBILE-SATELLITE (Earth-to-space) AERONAUTICAL RADIONAVIGATION Mobile-satellite (space-to-Earth) Radiodetermination-satellite (Earth-to-space) [1]	<b>1613.8 - 1621.35</b> MOBILE-SATELLITE (Earth-to-space) Mobile-satellite (space-to-Earth)	<b>1613.8 - 1626.5</b> (a) Telecommunications Apparatus [3] 1613.8 - 1626.5 MHz 1610 - 1660.5 MHz	(a) See note "J"
* <b>1621.35 - 1626.5</b> MARITIME MOBILE-SATELLITE (space-to-Earth) [2] MOBILE-SATELLITE (Earth-to-space) AERONAUTICAL RADIONAVIGATION Mobile-satellite (space-to-Earth) except maritime mobile-satellite (space-to-Earth) Radiodetermination-satellite (Earth-to-space) [1]	<b>1621.35 - 1626.5</b> MOBILE-SATELLITE (Earth-to-space) MARITIME MOBILE-SATELLITE (space-to-Earth) Mobile-satellite (space-to-Earth) except maritime mobile-satellite (space-to-Earth)		

[1] The band 1610 - 1626.5 MHz is also allocated to the aeronautical mobile-satellite (R) service on a primary basis.

[2] Maritime mobile earth stations receiving in the frequency band 1621.35 - 1626.5 MHz shall not impose constraints on the assignments of earth stations of the mobile-satellite service (Earth-to-space) and the radiodetermination-satellite service (Earth-to-space) in the frequency band 1621.35-1626.5 MHz in networks for which complete coordination information has been received by ITU before 28 October 2019.

[3] Details are given in the Telecommunications (Telecommunications Apparatus) (Exemption from Licensing) Order.

MHz  
1626.5 - 1668

REGION 3 ALLOCATION	HONG KONG ALLOCATION	BAND PLAN AND EXISTING UTILISATION	REMARKS
<b>1626.5 - 1660</b> MOBILE-SATELLITE (Earth-to-space) [1]	<b>1626.5 - 1660.5</b> MOBILE-SATELLITE (Earth-to-space)	<b>1626.5 - 1660.5</b> (a) Telecommunications Apparatus [2] 1610 - 1660.5 MHz	(a) See note "J"
<b>1660 - 1660.5</b> MOBILE-SATELLITE (Earth-to-space) RADIO ASTRONOMY			
<b>1660.5 - 1668</b> RADIO ASTRONOMY SPACE RESEARCH (passive) Fixed Mobile except aeronautical mobile	<b>1660.5 - 1668</b> RADIO ASTRONOMY	<b>1660.5 - 1668</b> (a) Radio astronomy	(a) See note "B"

[1] Use of the band 1645.5-1646.5 MHz by the mobile-satellite service is limited to distress and safety communications.

[2] Details are given in the Telecommunications (Telecommunications Apparatus) (Exemption from Licensing) Order.



MHz  
1668 - 1700

REGION 3 ALLOCATION	HONG KONG ALLOCATION	BAND PLAN AND EXISTING UTILISATION	REMARKS
<b>1668 - 1668.4</b> MOBILE-SATELLITE (Earth-to-space) [1] RADIO ASTRONOMY SPACE RESEARCH (passive) Fixed Mobile except aeronautical mobile	<b>1668 - 1668.4</b> RADIO ASTRONOMY MOBILE-SATELLITE (Earth-to-space)	<b>1668 - 1668.4</b> (a) Radio astronomy (b) Telecommunications Apparatus [2] 1668 - 1675 MHz	(a) See note "B" (b) See note "J"
<b>1668.4 - 1670</b> METEOROLOGICAL AIDS FIXED MOBILE except aeronautical mobile MOBILE-SATELLITE (Earth-to-space) [1] RADIO ASTRONOMY	<b>1668.4 - 1670</b> MOBILE-SATELLITE (Earth-to-space)	<b>1668.4 - 1675</b> (a) Telecommunications Apparatus [2] 1668 - 1675 MHz	(a) See note "J"
<b>1670 - 1675</b> METEOROLOGICAL AIDS FIXED METEOROLOGICAL-SATELLITE (space-to-Earth) MOBILE MOBILE-SATELLITE (Earth-to-space) [1]	<b>1670 - 1675</b> MOBILE-SATELLITE (Earth-to-space)		
<b>1675 - 1690</b> METEOROLOGICAL AIDS FIXED METEOROLOGICAL-SATELLITE (space-to-Earth) MOBILE except aeronautical mobile	<b>1675 - 1700</b> METEOROLOGICAL-SATELLITE (space-to-Earth)	<b>1675 - 1700</b> (a) Meteorological-satellite	(a) See note "B"
<b>1690 - 1700</b> METEOROLOGICAL AIDS METEOROLOGICAL-SATELLITE (space-to-Earth)			

[1] The use of the band 1668 -1675 MHz by the mobile-satellite service is subject to coordination under No. 9.11A of the Rado Regulations.

[2] Details are given in the Telecommunications (Telecommunications Apparatus) (Exemption from Licensing) Order.

MHz  
1700 - 2110

REGION 3 ALLOCATION	HONG KONG ALLOCATION	BAND PLAN AND EXISTING UTILISATION	REMARKS
<b>1700 - 1710</b> FIXED METEOROLOGICAL-SATELLITE (space-to-Earth) MOBILE except aeronautical mobile	<b>1700 - 1710</b> METEOROLOGICAL-SATELLITE (space-to-Earth)	<b>1700 - 1710</b> (a) Meteorological-satellite	(a) See note "B"
<b>1710 - 1885</b> FIXED MOBILE [1]	<b>1710 - 1980</b> FIXED MOBILE	<b>1710 - 2110</b> (a) Public Mobile Services 1710 - 1785 MHz (base receive) paired with 1805 - 1880 MHz (b) Government 1785 - 1805 MHz (c) Telecommunications Apparatus [3] 1880 - 1900 MHz, 1980 - 2010 MHz (d) Government 1900 - 1915 MHz (e) Public Mobile Services 1920.3 - 1979.7 MHz (base receive) paired with 2110.3 - 2169.7 MHz (f) Electronic News Gathering (ENG)/Outside Broadcast (OB) Links 2055 - 2095 MHz	(a) See note "E"
<b>1885 - 1980</b> FIXED MOBILE [2]			(b) See note "C"
<b>1980 - 2010</b> FIXED MOBILE [2] MOBILE-SATELLITE (Earth-to-space)	<b>1980 - 2010</b> FIXED MOBILE MOBILE-SATELLITE (Earth-to-space)		(c) See note "J"
<b>2010 - 2025</b> FIXED MOBILE [2]	<b>2010 - 2110</b> FIXED MOBILE		(d) See note "E"
<b>2025 - 2110</b> SPACE OPERATION (Earth-to-space) (space-to-space) EARTH EXPLORATION-SATELLITE (Earth-to-space) (space-to-space) FIXED MOBILE SPACE RESEARCH (Earth-to-space) (space-to-space)		(e) See note "E"	
			(f) See note "F" 25% of the frequency channels are vacant.

[1] ITU identified the band 1710 -1885 MHz, or portion of the band, for use by administrations wishing to implement International Mobile Telecommunications (IMT).

[3] Details are given in the Telecommunications (Telecommunications Apparatus) (Exemption from Licensing) Order.

[2] The band 1885 - 2025 MHz is intended for use, on a worldwide basis, by administrations wishing to implement International Mobile Telecommunications (IMT).

MHz  
2110 - 2300

REGION 3 ALLOCATION	HONG KONG ALLOCATION	BAND PLAN AND EXISTING UTILISATION	REMARKS
<b>2110 - 2120</b> FIXED MOBILE [1] SPACE RESEARCH (deep space) (Earth-to-space)	<b>2110 - 2170</b> FIXED MOBILE	<b>2110 - 2170</b> (a) Public Mobile Services 2110.3 - 2169.7 MHz (base transmit) paired with 1920.3 - 1979.7 MHz	(a) See note "E"
<b>2120 - 2160</b> FIXED MOBILE [1]			
<b>2160 - 2170</b> FIXED MOBILE [1]			
<b>2170 - 2200</b> FIXED MOBILE [1] MOBILE-SATELLITE (space-to-Earth)	<b>2170 - 2200</b> FIXED MOBILE MOBILE-SATELLITE (space-to-Earth)	<b>2170 - 2200</b> (a) Telecommunications Apparatus [2]	(a) See note "J"
<b>2200 - 2290</b> SPACE OPERATION (space-to-Earth) (space-to-space) EARTH EXPLORATION-SATELLITE (space-to-Earth) (space-to-space) FIXED MOBILE SPACE RESEARCH (space-to-Earth) (space-to-space)	<b>2200 - 2290</b> FIXED MOBILE	<b>2200 - 2290</b> (a) Electronic News Gathering (ENG)/Outside Broadcast (OB) Links	(a) 33% of the frequency channels in the band are vacant.
<b>2290 - 2300</b> FIXED MOBILE except aeronautical mobile SPACE RESEARCH (deep space) (space-to-Earth)	<b>2290 - 2300</b> FIXED	<b>2290 - 2300</b>	See note "K"

[1] The band 2110 - 2200 MHz is intended for use, on a worldwide basis, by administrations wishing to implement International Mobile Telecommunications (IMT).

[2] Details are given in the Telecommunications (Telecommunications Apparatus) (Exemption from Licensing) Order.

MHz  
2300 - 2655

REGION 3 ALLOCATION	HONG KONG ALLOCATION	BAND PLAN AND EXISTING UTILISATION	REMARKS
<b>2300 - 2450</b> FIXED MOBILE [1] RADIOLOCATION Amateur [2][3]	<b>2300 - 2400</b> FIXED MOBILE	<b>2300 - 2400</b> (a) Public Mobile Services 2300 - 2390 MHz	(a) See note "E"
<b>2450 - 2483.5</b> FIXED MOBILE RADIOLOCATION [2]	<b>2400 - 2483.5</b> INDUSTRIAL, SCIENTIFIC AND MEDICAL (ISM)	<b>2400 - 2483.5</b> (a) Industrial, Scientific and Medical (ISM) Equipment (b) Telecommunications Apparatus [4] (c) Amateur-satellite 2400 - 2450 MHz	(a) See note "B" (b) See note "J" (c) See note "B"
<b>2483.5 - 2500</b> FIXED MOBILE MOBILE-SATELLITE (space-to-Earth) RADIOLOCATION RADIODETERMINATION-SATELLITE (space-to-Earth) [2]	<b>2483.5 - 2500</b> MOBILE-SATELLITE (space-to-Earth)	<b>2483.5 - 2500</b> (a) Mobile-satellite (b) Telecommunications Apparatus [4]	(a) See note "B" (b) See note "J"
<b>2500 - 2520</b> FIXED FIXED-SATELLITE (space-to-Earth) MOBILE except aeronautical mobile [1] MOBILE-SATELLITE (space-to-Earth)	<b>2500 - 2655</b> FIXED MOBILE	<b>2500 - 2655</b> (a) Public Mobile Services 2500 - 2570 MHz (base receive) paired with 2620 - 2690 MHz (b) Government 2575 - 2615 MHz	(a) See note "E" (b) See note "C"
<b>2520 - 2535</b> FIXED FIXED-SATELLITE (space-to-Earth) MOBILE except aeronautical mobile [1] BROADCASTING-SATELLITE			
<b>2535 - 2655</b> FIXED MOBILE except aeronautical mobile [1] BROADCASTING-SATELLITE			

[1] ITU identified the bands 2300 - 2400 MHz and 2500 - 2690 MHz, or portion of the bands, for use by administrations wishing to implement International Mobile Telecommunications (IMT).

[2] The band 2400 - 2500 MHz (centre frequency 2450 MHz) is also designated for industrial, scientific and medical (ISM) applications.

[3] Amateur-satellite service may operate in 2400 - 2450 MHz subject to not causing harmful interference to other services operating in accordance with this Table.

[4] Details are given in the Telecommunications (Telecommunications Apparatus) (Exemption from Licensing) Order.

MHz  
2655 - 3300

REGION 3 ALLOCATION	HONG KONG ALLOCATION	BAND PLAN AND EXISTING UTILISATION	REMARKS
<b>2655 - 2670</b> FIXED FIXED-SATELLITE (Earth-to-space) MOBILE except aeronautical mobile [1] BROADCASTING-SATELLITE Earth exploration-satellite (passive) Radio astronomy Space research (passive)	<b>2655 - 2690</b> FIXED MOBILE	<b>2655 - 2690</b> (a) Public Mobile Services 2620 - 2690 MHz (base transmit) paired with 2500 - 2570 MHz	(a) See note "E"
<b>2670 - 2690</b> FIXED FIXED-SATELLITE (Earth-to-space) MOBILE except aeronautical mobile [1] MOBILE-SATELLITE (Earth-to-space) Earth exploration-satellite (passive) Radio astronomy Space research (passive)			
<b>2690 - 2700</b> EARTH EXPLORATION-SATELLITE (passive) RADIO ASTRONOMY SPACE RESEARCH (passive) [2]	<b>2690 - 2700</b> ALL EMISSIONS PROHIBITED	<b>2690 - 2700</b> (a) All emissions prohibited	(a) See note "A"
<b>2700 - 2900</b> AERONAUTICAL RADIONAVIGATION Radiolocation	<b>2700 - 2900</b> AERONAUTICAL RADIONAVIGATION METEOROLOGICAL AIDS	<b>2700 - 2900</b> (a) Meteorological aids	(a) See note "C"
<b>2900 - 3100</b> RADIONAVIGATION RADIOLOCATION [3]	<b>2900 - 3300</b> RADIOLOCATION	<b>2900 - 3300</b> (a) Radiolocation	(a) See note "B"
<b>3100 - 3300</b> RADIOLOCATION Earth exploration-satellite (active) Space research (active)			

[1] ITU identified the band 2500 - 2690 MHz, or portion of the band, for use by administrations wishing to implement International Mobile Telecommunications (IMT).

[2] All emissions in the band 2690 - 2700 MHz are prohibited.

[3] In the band 2900 - 3100 MHz, stations in the radiolocation service shall not cause harmful interference to, nor claim protection from, radar systems in the radionavigation service.

MHz  
3300 - 4200

REGION 3 ALLOCATION	HONG KONG ALLOCATION	BAND PLAN AND EXISTING UTILISATION	REMARKS
<b>3300 - 3400</b> RADIOLOCATION Amateur [1]	<b>3300 - 3400</b> RADIOLOCATION MOBILE	<b>3300 - 3400</b> (a) Radiolocation (b) Public Mobile Services [4]	(a) See note "B" (b) See note "E"
<b>3400 - 3500</b> FIXED FIXED-SATELLITE (space-to-Earth) Amateur Mobile Radiolocation [2]	<b>3400 - 3700</b> MOBILE [3]	<b>3400 - 3700</b> (a) Public Mobile Services [5] 3400 - 3600 MHz	(a) See note "E"
<b>3500 - 3700</b> FIXED FIXED-SATELLITE (space-to-Earth) MOBILE except aeronautical mobile Radiolocation			
<b>3700 - 4200</b> FIXED FIXED-SATELLITE (space-to-Earth) MOBILE except aeronautical mobile	<b>3700 - 4200</b> FIXED FIXED-SATELLITE (space-to-Earth)	<b>3700 - 4200</b> (a) Fixed-satellite	(a) See note "B"

[1] In China, the frequency band 3300 - 3400 MHz is also allocated to the fixed and mobile services on a primary basis.

[2] Amateur-satellite service may operate in 3400 - 3410 MHz subject to not causing harmful interference to other services operating in accordance with this Table.

[3] Additional allocation: In Hong Kong, the frequency band 3400 - 3700 MHz is also allocated to the fixed-satellite (space-to-Earth) service on a primary basis restricted for use by earth stations situated at specific locations, licensed by the Communications Authority, for telemetry, tracking and control, and the associated monitoring functions on or before 28 March 2018.

[4] The frequency band 3300 - 3400 MHz for Public Mobile Services is restricted to indoor use only.

[5] Mobile service operating in the band 3400 - 3600 MHz shall not cause harmful interference to earth stations in the fixed-satellite (space-to-Earth) service in the band 3400 - 3700 MHz situated at specific locations, licensed by the Communications Authority, for telemetry, tracking and control functions on or before 28 March 2018.

MHz  
4200 - 4800

REGION 3 ALLOCATION	HONG KONG ALLOCATION	BAND PLAN AND EXISTING UTILISATION	REMARKS
<b>4200 - 4400</b> AERONAUTICAL MOBILE (R) [1] AERONAUTICAL RADIONAVIGATION	<b>4200 - 4400</b> AERONAUTICAL MOBILE AERONAUTICAL RADIONAVIGATION	<b>4200 - 4400</b> (a) Aeronautical mobile (b) Aeronautical radionavigation (c) Short Range Device (Ultra-Wideband) 4200 - 4800 MHz	(a) See note "B" (b) See note "C" (c) See note "J"
<b>4400 - 4500</b> FIXED MOBILE	<b>4400 - 4500</b> FIXED	<b>4400 - 4800</b> (a) Fixed 4410 - 4790 MHz  (b) Short Range Device (Ultra-Wideband) 4200 - 4800 MHz	(a) 44% of the frequency channels in the band 4410 - 4790 MHz are vacant. (b) See note "J"
<b>4500 - 4800</b> FIXED FIXED-SATELLITE (space-to-Earth) MOBILE	<b>4500 - 4800</b> FIXED FIXED-SATELLITE (space-to-Earth)		

[1] Use of the frequency band 4200 - 4400 MHz by stations in the aeronautical mobile (R) service is reserved exclusively for wireless avionics intra-communication systems that operate in accordance with recognised international aeronautical standards. Such use shall be in accordance with Resolution 424 (WRC-15) of the Radio Regulations.

MHz  
4800 - 5250

REGION 3 ALLOCATION	HONG KONG ALLOCATION	BAND PLAN AND EXISTING UTILISATION	REMARKS
<b>4800 - 4990</b> FIXED MOBILE Radio astronomy	<b>4800 - 4830</b> FIXED MOBILE	<b>4800 - 4960</b> (a) Public Mobile Services	(a) See note "E"
	<b>4830 - 4990</b> FIXED MOBILE		
<b>4990 - 5000</b> FIXED MOBILE except aeronautical mobile RADIO ASTRONOMY Space research (passive)	<b>4990 - 5000</b> RADIO ASTRONOMY FIXED		
<b>5000 - 5010</b> AERONAUTICAL MOBILE-SATELLITE (R) AERONAUTICAL RADIONAVIGATION RADIONAVIGATION-SATELLITE (Earth-to-space)	<b>5000 - 5010</b> AERONAUTICAL RADIONAVIGATION RADIONAVIGATION-SATELLITE (Earth-to-space)	<b>5000 - 5030</b>	See note "K"
	<b>5010 - 5030</b> AERONAUTICAL MOBILE-SATELLITE (R) AERONAUTICAL RADIONAVIGATION RADIONAVIGATION-SATELLITE (space-to-Earth)(space-to-space)		
<b>5030 - 5091</b> AERONAUTICAL MOBILE (R) AERONAUTICAL MOBILE-SATELLITE (R) AERONAUTICAL RADIONAVIGATION	<b>5030 - 5091</b> AERONAUTICAL RADIONAVIGATION	<b>5030 - 5150</b>	See note "C"
	<b>5091 - 5150</b> FIXED-SATELLITE (Earth-to-space) [1] AERONAUTICAL MOBILE AERONAUTICAL MOBILE-SATELLITE (R) AERONAUTICAL RADIONAVIGATION		
<b>5150 - 5250</b> AERONAUTICAL RADIONAVIGATION FIXED-SATELLITE (Earth-to-space) [1] MOBILE except aeronautical mobile [2][3]	<b>5150 - 5250</b> AERONAUTICAL RADIONAVIGATION MOBILE except aeronautical mobile	<b>5150 - 5250</b> (a) Telecommunications Apparatus [4] 5150 - 5350 MHz	(a) See note "J"

[1] The allocation to the fixed-satellite (Earth-to-space) service is limited to feeder links of non-geostationary satellite systems in the mobile-satellite service.

[2] The use of the bands 5150 - 5350 MHz and 5470 - 5725 MHz by the stations in the mobile, except aeronautical mobile, service shall be in accordance with Resolution 229 (Rev.WRC-19) of the Radio Regulations.

[3] In the band 5150 - 5250 MHz, stations in the mobile service shall not claim protection from earth stations in the fixed-satellite service.

[4] Details are given in the Telecommunications (Telecommunications Apparatus) (Exemption from Licensing) Order.



MHz  
5250 - 5470

REGION 3 ALLOCATION	HONG KONG ALLOCATION	BAND PLAN AND EXISTING UTILISATION	REMARKS
<b>5250 - 5255</b> EARTH EXPLORATION-SATELLITE (active) RADIOLOCATION SPACE RESEARCH MOBILE except aeronautical mobile [1][2]	<b>5250 - 5350</b> RADIOLOCATION MOBILE except aeronautical mobile	<b>5250 - 5350</b> (a) Telecommunications Apparatus [4] 5150 - 5350 MHz	(a) See note "J"
<b>5255 - 5350</b> EARTH EXPLORATION-SATELLITE (active) RADIOLOCATION SPACE RESEARCH (active) MOBILE except aeronautical mobile [1][2]			
<b>5350 - 5460</b> EARTH EXPLORATION-SATELLITE (active) SPACE RESEARCH (active) AERONAUTICAL RADIONAVIGATION RADIOLOCATION [3]	<b>5350 - 5470</b> AERONAUTICAL RADIONAVIGATION	<b>5350 - 5470</b>	See note "C"
<b>5460 - 5470</b> RADIONAVIGATION EARTH EXPLORATION-SATELLITE (active) SPACE RESEARCH (active) RADIOLOCATION [3]			

[1] The use of the bands 5150 - 5350 MHz and 5470 - 5725 MHz by the stations in the mobile, except aeronautical mobile, service shall be in accordance with Resolution 229 (Rev.WRC-19) of the Radio Regulations.

[2] In the band 5250 - 5350 MHz, stations in the mobile service shall not claim protection from the radiolocation service, the Earth exploration-satellite (active) and the space research (active) service. The radiolocation service, the Earth exploration-satellite service (active) and the space research service (active) shall not impose more stringent conditions upon the mobile service than those stipulated in Resolution 229 (Rev.WRC-19) of the Radio Regulations.

[3] In the band 5350 - 5470 MHz, stations in the radiolocation service shall not cause harmful interference to, nor claim protection from, radar systems in the aeronautical radionavigation service.

[4] Details are given in the Telecommunications (Telecommunications Apparatus) (Exemption from Licensing) Order.



MHz  
5850 - 7075

REGION 3 ALLOCATION	HONG KONG ALLOCATION	BAND PLAN AND EXISTING UTILISATION	REMARKS
<b>5850 - 5925</b> FIXED FIXED-SATELLITE (Earth-to-space) MOBILE Radiolocation [1]	<b>5850 - 5875</b> FIXED FIXED-SATELLITE (Earth-to-space) INDUSTRIAL, SCIENTIFIC AND MEDICAL (ISM) MOBILE	<b>5850 - 5875</b> (a) Fixed (b) Fixed-satellite	(a)&(b) See note "B"
	<b>5875 - 5925</b> FIXED FIXED-SATELLITE (Earth-to-space) MOBILE	<b>5875 - 5925</b> (a) Fixed-satellite	(a) See note "B"
<b>5925 - 6700</b> FIXED FIXED-SATELLITE (Earth-to-space) [2][3] MOBILE	<b>5925 - 7075</b> FIXED FIXED-SATELLITE (Earth-to-space)	<b>5925 - 6425</b> (a) Fixed-satellite (b) Short Range Device (Ultra-Wideband) 6000 - 8500 MHz (c) 6 GHz Device	(a) See note "B" (b) See note "J" (c) See note "J"
		<b>6425 - 7075</b> (a) Fixed # 6440 - 7100 MHz (b) Fixed-satellite (c) Short Range Device (Ultra-Wideband) 6000 - 8500 MHz	(a) See note "G" (b) See note "B" (c) See note "J"
<b>6700 - 7075</b> FIXED FIXED-SATELLITE (Earth-to-space) (space-to-Earth) MOBILE			

[1] The band 5725 - 5875 MHz (centre frequency 5800 MHz) is also designated for industrial, scientific and medical (ISM) applications.

[2] In the band 5925 - 6425 MHz, earth stations located on board vessels may communicate with space stations of the fixed-satellite service. Such use shall be in accordance with Resolution 902 (WRC-03) of the Radio Regulations.

[3] In the band 5925 - 6425 MHz, earth stations located on board vessels and communicating with space stations of the fixed-satellite service may employ transmit antennas with minimum diameter of 1.2 m and operate without prior agreement of any administration if located at least 330 km away from the low-water mark as officially recognised by the coastal State. All other provisions of Resolution 902 (WRC-03) of the Radio Regulations shall apply.

MHz  
7075 - 7250

REGION 3 ALLOCATION	HONG KONG ALLOCATION	BAND PLAN AND EXISTING UTILISATION	REMARKS
<b>7075 - 7145</b> FIXED MOBILE	<b>7075 - 7250</b> FIXED MOBILE	<b>7075 - 7250</b> (a) Fixed # 6440 - 7100 MHz (b) Outside Broadcast (OB) Links  (c) Short Range Device (Ultra-Wideband) 6000 - 8500 MHz	(a) See note "G"  (b) 71% of the frequency channels in the band 7100 - 7421 MHz are vacant. (c) See note "J"
<b>7145 - 7190</b> FIXED MOBILE SPACE RESEARCH (Earth-to-space)			
<b>7190 - 7235</b> EARTH EXPLORATION-SATELLITE (Earth-to-space) [1][2] FIXED MOBILE SPACE RESEARCH (Earth-to-space)			
<b>7235 - 7250</b> EARTH EXPLORATION-SATELLITE (Earth-to-space) [1] FIXED MOBILE			

[1] The use of the band 7190 - 7250 MHz (Earth-to-space) by the earth-exploration satellite service shall be limited to tracking, telemetry and command for the operation of spacecraft. Space stations operating in the earth exploration-satellite (Earth-to-space) service in the band 7190 - 7250 MHz shall not claim protection from existing and future stations in the fixed and mobile services.

[2] Space stations on the geostationary orbit operating in the earth exploration-satellite (Earth-to-space) service in the band 7190 - 7235 MHz shall not claim protection from existing and future stations of the space research service.

MHz  
7250 - 7900

REGION 3 ALLOCATION	HONG KONG ALLOCATION	BAND PLAN AND EXISTING UTILISATION	REMARKS
<b>7250 - 7300</b> FIXED FIXED-SATELLITE (space-to-Earth) MOBILE [1]	<b>7250 - 7375</b> FIXED MOBILE	<b>7250 - 7421</b> (a) Outside Broadcast (OB) Links  (b) Short Range Device (Ultra-Wideband) 6000 - 8500 MHz	(a) 71% of the frequency channels in the band 7100 - 7421 MHz are vacant. (b) See note "J"
<b>7300 - 7375</b> FIXED FIXED-SATELLITE (space-to-Earth) MOBILE except aeronautical mobile [1]			
<b>7375 - 7450</b> FIXED FIXED-SATELLITE (space-to-Earth) MOBILE except aeronautical mobile MARITIME MOBILE-SATELLITE (space-to-Earth) [2]	<b>7375 - 7750</b> FIXED MOBILE MARITIME MOBILE-SATELLITE (space-to-Earth)	<b>7421 - 7722</b> (a) Fixed # (b) Short Range Device (Ultra-Wideband) 6000 - 8500 MHz	(a) See note "G" (b) See note "J"
<b>7450 - 7550</b> FIXED FIXED-SATELLITE (space-to-Earth) METEOROLOGICAL-SATELLITE (space-to-Earth) [3] MOBILE except aeronautical mobile MARITIME MOBILE-SATELLITE (space-to-Earth) [2]			
<b>7550 - 7750</b> FIXED FIXED-SATELLITE (space-to-Earth) MOBILE except aeronautical mobile MARITIME MOBILE-SATELLITE (space-to-Earth) [2]			
<b>7750 - 7900</b> FIXED METEOROLOGICAL-SATELLITE [4] (space-to-Earth) MOBILE except aeronautical mobile	<b>7750 - 7900</b> FIXED	<b>7722 - 7900</b> (a) Fixed  (b) Short Range Device (Ultra-Wideband) 6000 - 8500 MHz	(a) 16% of the frequency channels in the band are vacant. (b) See note "J"

[1] The band 7250 - 7375 MHz is also allocated to the mobile-satellite (space-to-Earth) service on a primary basis.

[2] The use of the band 7375 - 7750 MHz by the maritime mobile-satellite service is limited to geostationary-satellite networks. In this band, earth stations in the maritime mobile-satellite service shall not claim protection from, nor constrain the use and development of, stations in the fixed and mobile, except aeronautical mobile, services.

[3] The use of the band 7450 - 7550 MHz by the meteorological-satellite (space-to-Earth) service is limited to geostationary satellite systems.

[4] The use of the band 7750 - 7900 MHz by the meteorological-satellite (space-to-Earth) service is limited to non-geostationary satellite systems.

MHz  
7900 - 8750

REGION 3 ALLOCATION	HONG KONG ALLOCATION	BAND PLAN AND EXISTING UTILISATION	REMARKS	
<b>7900 - 8025</b> FIXED FIXED-SATELLITE (Earth-to-space) MOBILE [1]	<b>7900 - 8025</b> FIXED	<b>7900 - 8025</b> (a) Fixed 7900 - 8000 MHz  (b) Short Range Device (Ultra-Wideband) 6000 - 8500 MHz	(a) See note "B"  (b) See note "J"	
<b>8025 - 8175</b> EARTH EXPLORATION-SATELLITE (space-to-Earth) FIXED FIXED-SATELLITE (Earth-to-space) MOBILE	<b>8025 - 8400</b> EARTH EXPLORATION-SATELLITE (space-to-Earth) FIXED	<b>8025 - 8275</b> (a) Earth exploration-satellite (b) Short Range Device (Ultra-Wideband) 6000 - 8500 MHz	(a) See note "B" (b) See note "J"	
<b>8175 - 8215</b> EARTH EXPLORATION-SATELLITE (space-to-Earth) FIXED FIXED-SATELLITE (Earth-to-space) METEOROLOGICAL-SATELLITE (Earth-to-space) MOBILE		<b>8275 - 8400</b> (a) Earth exploration-satellite (b) Fixed # (c) Short Range Device (Ultra-Wideband) 6000 - 8500 MHz		(a) See note "B" (b) See note "G" (c) See note "J"
<b>8215 - 8400</b> EARTH EXPLORATION-SATELLITE (space-to-Earth) FIXED FIXED-SATELLITE (Earth-to-space) MOBILE		<b>8400 - 8500</b> FIXED MOBILE except aeronautical mobile SPACE RESEARCH (space-to-Earth)		<b>8400 - 8500</b> (a) Fixed # (b) Short Range Device (Ultra-Wideband) 6000 - 8500 MHz
<b>8500 - 8550</b> RADIOLOCATION	<b>8500 - 8750</b> RADIOLOCATION	<b>8500 - 8750</b> (a) Radiolocation	(a) See note "B"	
<b>8550 - 8650</b> EARTH EXPLORATION-SATELLITE (active) RADIOLOCATION SPACE RESEARCH (active)				
<b>8650 - 8750</b> RADIOLOCATION				

[1] The band 7900 - 8025 MHz is also allocated to the mobile-satellite (Earth-to-space) service on a primary basis.

MHz  
8750 - 9800

REGION 3 ALLOCATION	HONG KONG ALLOCATION	BAND PLAN AND EXISTING UTILISATION	REMARKS
8750 - 8850 RADIOLOCATION AERONAUTICAL RADIONAVIGATION	8750 - 8850 AERONAUTICAL RADIONAVIGATION	8750 - 8850	See note "C"
8850 - 9000 RADIOLOCATION MARITIME RADIONAVIGATION	8850 - 9000 MARITIME RADIONAVIGATION	8850 - 9000	See note "C"
9000 - 9200 AERONAUTICAL RADIONAVIGATION RADIOLOCATION	9000 - 9200 AERONAUTICAL RADIONAVIGATION RADIOLOCATION	9000 - 9200 (a) Government	(a) See note "C"
9200 - 9300 EARTH EXPLORATION-SATELLITE (active) [1] RADIOLOCATION MARITIME RADIONAVIGATION [2]	9200 - 9300 MARITIME RADIONAVIGATION	9200 - 9300	See note "C"
9300 - 9800 EARTH EXPLORATION-SATELLITE (active) RADIOLOCATION RADIONAVIGATION SPACE RESEARCH (active)	9300 - 9800 RADIOLOCATION RADIONAVIGATION	9300 - 9800 (a) Radiolocation (b) Radionavigation	(a) See note "B" (b) See note "C"

[1] The use of the band 9200 - 9300 MHz by the earth exploration-satellite (active) service is limited to systems requiring necessary bandwidth greater than 600 MHz that cannot be fully accommodated within the band 9300 - 9900 MHz. Stations operating in the earth exploration-satellite (active) service shall comply with Recommendations ITU-R RS.2065-0 and RS.2066-0.

[2] Stations in the earth exploration-satellite (active) service shall not cause harmful interference to, or claim protection from, stations of the maritime radionavigation and radiolocation services in the band 9200 - 9300 MHz.

MHz  
9800 - 10450

REGION 3 ALLOCATION	HONG KONG ALLOCATION	BAND PLAN AND EXISTING UTILISATION	REMARKS
<b>9800 - 9900</b> RADIOLOCATION Earth exploration-satellite (active) Space research (active) Fixed	<b>9800 - 10150</b> TO BE PLANNED	<b>9800 - 10150</b>	See note "I"
<b>9900 - 10000</b> EARTH EXPLORATION-SATELLITE (active) [1] RADIOLOCATION Fixed [2][3]			
<b>10000 - 10400</b> EARTH EXPLORATION-SATELLITE (active) [1] FIXED MOBILE RADIOLOCATION Amateur [2][3]	<b>10150 - 10300</b> FIXED	<b>10150 - 10300</b> (a) Fixed #	(a) 90% of the frequency channels in the band are vacant.
<b>10400 - 10450</b> FIXED MOBILE RADIOLOCATION Amateur	<b>10300 - 10450</b> TO BE PLANNED	<b>10300 - 10450</b>	See note "I"

[1] The use of the frequency bands 9900 - 10400 MHz by the earth exploration-satellite (active) service is limited to systems requiring necessary bandwidth greater than 600 MHz that cannot be fully accommodated within the frequency band 9300 - 9900 MHz. Stations operating in the earth exploration-satellite (active) service shall comply with Recommendations ITU-R RS.2065-0 and RS.2066-0.

[2] Stations in the earth exploration-satellite (active) service shall not cause harmful interference to, or claim protection from stations of the radionavigation and radiolocation services in the band 9900 - 10000 MHz and the radiolocation service in the band 10 - 10.4 GHz.

[3] The band 9975 - 10025 MHz is also allocated to the meteorological-satellite service on a secondary basis for use by weather radars.



GHz  
10.45 - 12.2

REGION 3 ALLOCATION	HONG KONG ALLOCATION	BAND PLAN AND EXISTING UTILISATION	REMARKS
<b>10.45 - 10.5</b> RADIOLOCATION Amateur Amateur-satellite	<b>10.45 - 10.5</b> RADIOLOCATION Amateur Amateur-satellite	<b>10.45 - 10.5</b> (a) Amateur (b) Amateur-satellite	(a)&(b) See note "B"
<b>10.5 - 10.55</b> FIXED MOBILE RADIOLOCATION	<b>10.5 - 10.68</b> FIXED RADIOLOCATION	<b>10.5 - 10.68</b> (a) Radiolocation (b) Fixed #	(a) See note "B" (b) 92% of the frequency channels in the band are vacant.
<b>10.55 - 10.6</b> FIXED MOBILE except aeronautical mobile Radiolocation			
<b>10.6 - 10.68</b> EARTH EXPLORATION-SATELLITE (passive) FIXED MOBILE except aeronautical mobile RADIO ASTRONOMY SPACE RESEARCH (passive) Radiolocation			
<b>10.68 - 10.7</b> [1] EARTH EXPLORATION-SATELLITE (passive) RADIO ASTRONOMY SPACE RESEARCH (passive)	<b>10.68 - 10.7</b> ALL EMISSIONS PROHIBITED	<b>10.68 - 10.7</b> (a) All emissions prohibited	(a) See note "A"
<b>10.7 - 11.7</b> FIXED FIXED-SATELLITE (space-to-Earth) MOBILE except aeronautical mobile	<b>10.7 - 11.7</b> FIXED FIXED-SATELLITE (space-to-Earth)	<b>10.7 - 11.7</b> (a) Fixed #  (b) Fixed-satellite	(a) 25% of the frequency channels in the band are vacant. (b) See note "B"
<b>11.7 - 12.2</b> [2][3] FIXED MOBILE except aeronautical mobile BROADCASTING BROADCASTING-SATELLITE	<b>11.7 - 12.2</b> FIXED MOBILE except aeronautical mobile BROADCASTING BROADCASTING-SATELLITE	<b>11.7 - 12.2</b> (a) Outside Broadcast (OB) Links	(a) See note "K"

[1] All emissions in the band 10.68 - 10.7 GHz are prohibited.

[2] The band 11.7 - 12.2 GHz is also allocated to the fixed-satellite (space-to-Earth) service on a primary basis, limited to non-geostationary systems.

[3] In the band 11.7 - 12.5 GHz, the fixed, fixed-satellite, mobile except aeronautical mobile, and broadcasting services, shall not cause harmful interference to, or claim protection from, broadcasting-satellite stations.

GHz  
12.2 - 14

REGION 3 ALLOCATION	HONG KONG ALLOCATION	BAND PLAN AND EXISTING UTILISATION	REMARKS
<b>12.2 - 12.5</b> [1] FIXED FIXED-SATELLITE (space-to-Earth) MOBILE except aeronautical mobile BROADCASTING	<b>12.2 - 12.5</b> FIXED-SATELLITE (space-to-Earth)	<b>12.2 - 12.5</b> (a) Fixed-satellite	(a) See note "B"
<b>12.5 - 12.75</b> FIXED FIXED-SATELLITE (space-to-Earth) MOBILE except aeronautical mobile BROADCASTING-SATELLITE	<b>12.5 - 12.75</b> FIXED FIXED-SATELLITE (space-to-Earth) MOBILE	<b>12.5 - 13.25</b> (a) Fixed # (b) Outside Broadcast (OB) Links  (c) Fixed-satellite	(a)&(b) 36% of the frequency channels in the band are vacant. (c) See note "B"
<b>12.75 - 13.25</b> FIXED FIXED-SATELLITE (Earth-to-space) MOBILE Space research (deep space) (space-to-Earth)	<b>12.75 - 13.25</b> FIXED FIXED-SATELLITE (Earth-to-space) MOBILE		
<b>13.25 - 13.4</b> EARTH EXPLORATION-SATELLITE (active) AERONAUTICAL RADIONAVIGATION SPACE RESEARCH (active)	<b>13.25 - 13.4</b> AERONAUTICAL RADIONAVIGATION	<b>13.25 - 13.4</b>	See note "C"
<b>13.4 - 13.75</b> EARTH EXPLORATION-SATELLITE (active) RADIOLOCATION SPACE RESEARCH Standard frequency and time signal-satellite (Earth-to-space)	<b>13.4 - 13.75</b> RADIOLOCATION	<b>13.4 - 13.75</b>	See note "K"
<b>13.75 - 14</b> FIXED-SATELLITE (Earth-to-space) RADIOLOCATION Standard frequency and time signal-satellite (Earth-to-space) Space research Earth exploration-satellite	<b>13.75 - 14</b> FIXED-SATELLITE (Earth-to-space) RADIOLOCATION	<b>13.75 - 14</b> (a) Fixed-satellite	(a) See note "B"

[1] In the band 11.7 - 12.5 GHz, the fixed, fixed-satellite, mobile except aeronautical mobile, and broadcasting services, shall not cause harmful interference to, or claim protection from, broadcasting-satellite stations.

GHz  
14 - 14.47

REGION 3 ALLOCATION	HONG KONG ALLOCATION	BAND PLAN AND EXISTING UTILISATION	REMARKS
<b>14 - 14.25</b> FIXED-SATELLITE (Earth-to-space) [1] RADIONAVIGATION Mobile-satellite (Earth-to-space) Space research [2]	<b>14 - 14.4</b> FIXED-SATELLITE (Earth-to-space) Mobile-satellite (Earth-to-space)	<b>14 - 14.4</b> (a) Fixed-satellite (b) Mobile-satellite	(a)&(b) See note "B"
<b>14.25 - 14.3</b> FIXED-SATELLITE (Earth-to-space) [1] RADIONAVIGATION Mobile-satellite (Earth-to-space) Space research [2]			
<b>14.3 - 14.4</b> FIXED FIXED-SATELLITE (Earth-to-space) [1] MOBILE except aeronautical mobile Mobile-satellite (Earth-to-space) Radionavigation-satellite [2]			
<b>14.4 - 14.47</b> FIXED FIXED-SATELLITE (Earth-to-space) [1] MOBILE except aeronautical mobile Mobile-satellite (Earth-to-space) Space research (space-to-Earth) [2]	<b>14.4 - 14.47</b> FIXED FIXED-SATELLITE (Earth-to-space) MOBILE Mobile-satellite (Earth-to-space)	<b>14.4 - 14.47</b> (a) Fixed #  (b) Outside Broadcast (OB) Links (c) Mobile-satellite (d) Fixed-satellite	(a) 56% of the frequency channels in the band 14.4 - 15.35 GHz are vacant. (b) See note "K" (c)&(d) See note "B"

[1] In the band 14 - 14.5 GHz, earth stations located on board vessels may communicate with space stations of the fixed-satellite service. Such use shall be in accordance with Resolution 902 (WRC-03) of the Radio Regulations.

[2] In the band 14 - 14.5 GHz, aircraft earth stations in the secondary aeronautical mobile-satellite service may also communicate with space stations in the fixed-satellite service.

GHz  
14.47 - 15.7

REGION 3 ALLOCATION	HONG KONG ALLOCATION	BAND PLAN AND EXISTING UTILISATION	REMARKS
<b>14.47 - 14.5</b> FIXED FIXED-SATELLITE (Earth-to-space) [1] MOBILE except aeronautical mobile Mobile-satellite (Earth-to-space) Radio astronomy [2]	<b>14.47 - 14.5</b> FIXED FIXED-SATELLITE (Earth-to-space) MOBILE Mobile-satellite (Earth-to-space)	<b>14.47 - 14.5</b> (a) Fixed #  (b) Outside Broadcast (OB) Links (c) Mobile-satellite (d) Fixed-satellite	(a) 56% of the frequency channels in the band 14.4 - 15.35 GHz are vacant. (b) See note "K" (c)&(d) See note "B"
<b>14.5 - 14.8</b> FIXED FIXED-SATELLITE (Earth-to-space) MOBILE Space research	<b>14.5 - 14.8</b> FIXED FIXED-SATELLITE (Earth-to-space) MOBILE	<b>14.5 - 15.35</b> (a) Fixed #  (b) Outside Broadcast (OB) Links (c) Fixed-satellite 14.5 - 14.8 GHz	(a) 56% of the frequency channels in the band 14.4 - 15.35 GHz are vacant. (b) See note "K" (c) See note "B"
<b>14.8 - 15.35</b> FIXED MOBILE Space research	<b>14.8 - 15.35</b> FIXED MOBILE		
<b>15.35 - 15.4</b> EARTH EXPLORATION-SATELLITE (passive) RADIO ASTRONOMY SPACE RESEARCH (passive) [3]	<b>15.35 - 15.4</b> ALL EMISSIONS PROHIBITED	<b>15.35 - 15.4</b> (a) All emissions prohibited	(a) See note "A"
<b>15.4 - 15.43</b> RADIOLOCATION AERONAUTICAL RADIONAVIGATION	<b>15.4 - 15.7</b> AERONAUTICAL RADIONAVIGATION	<b>15.4 - 15.7</b>	See note "C"
<b>15.43 - 15.63</b> FIXED-SATELLITE (Earth-to-space) RADIOLOCATION AERONAUTICAL RADIONAVIGATION			
<b>15.63 - 15.7</b> RADIOLOCATION AERONAUTICAL RADIONAVIGATION			

[1] In the band 14 - 14.5 GHz, earth stations located on board vessels may communicate with space stations of the fixed-satellite service. Such use shall be in accordance with Resolution 902 (WRC-03) of the Radio Regulations.

[2] In the band 14 - 14.5 GHz, aircraft earth stations in the secondary aeronautical mobile-satellite service may also communicate with space stations in the fixed-satellite service.

[3] All emissions in the band 15.35 - 15.4 GHz are prohibited.

GHz  
15.7 - 18.4

REGION 3 ALLOCATION	HONG KONG ALLOCATION	BAND PLAN AND EXISTING UTILISATION	REMARKS
<b>15.7 - 16.6</b> RADIOLOCATION	<b>15.7 - 17.3</b> RADIOLOCATION	<b>15.7 - 17.3</b> (a) Radiolocation	(a) See note "B"
<b>16.6 - 17.1</b> RADIOLOCATION Space research (deep space) (Earth-to-space)			
<b>17.1 - 17.2</b> RADIOLOCATION			
<b>17.2 - 17.3</b> EARTH EXPLORATION-SATELLITE (active) RADIOLOCATION SPACE RESEARCH (active)			
<b>17.3 - 17.7</b> FIXED-SATELLITE (Earth-to-space) Radiolocation	<b>17.3 - 17.7</b> FIXED-SATELLITE (Earth-to-space)	<b>17.3 - 17.7</b>	See note "K"
<b>17.7 - 18.1</b> FIXED FIXED-SATELLITE (space-to-Earth) (Earth-to-space) MOBILE [1]	<b>17.7 - 18.4</b> FIXED FIXED-SATELLITE (space-to-Earth) (Earth-to-space)	<b>17.7 - 18.4</b> (a) Fixed # 17.74125 - 18.12625 GHz  (b) Fixed (Microwave Multipoint Distribution Systems (MMDS))  (c) Fixed-satellite	(a) 69% of the frequency channels in the band are vacant. (b) See note "K" (c) See note "B"
<b>18.1 - 18.4</b> FIXED FIXED-SATELLITE (space-to-Earth) (Earth-to-space) MOBILE [1] [2]			

[1] The operation of earth stations in motion communicating with geostationary fixed-satellite service space stations within the frequency band 17.7 - 19.7 GHz (space-to-Earth) shall be subject to the application of Resolution 169 (WRC-19) of the Radio Regulations.

[2] The band 18.1 - 18.4 GHz is also allocated to the meteorological-satellite (space-to-Earth) service on a primary basis.

GHz  
18.4 - 21.2

REGION 3 ALLOCATION	HONG KONG ALLOCATION	BAND PLAN AND EXISTING UTILISATION	REMARKS
<b>18.4 - 18.6</b> FIXED FIXED-SATELLITE (space-to-Earth) MOBILE [1]	<b>18.4 - 18.8</b> FIXED FIXED-SATELLITE (space-to-Earth)	<b>18.4 - 18.8</b> (a) Fixed (Microwave Multipoint Distribution Systems (MMDS))	(a) See note "K"
<b>18.6 - 18.8</b> EARTH EXPLORATION-SATELLITE (passive) FIXED FIXED-SATELLITE (space-to-Earth) MOBILE except aeronautical mobile Space research (passive) [1]			
<b>18.8 - 19.3</b> FIXED FIXED-SATELLITE (space-to-Earth) MOBILE [1]	<b>18.8 - 19.3</b> FIXED FIXED-SATELLITE (space-to-Earth)	<b>18.8 - 19.7</b> (a) Fixed # 18.75125 - 19.13625 GHz  (b) Fixed-satellite (c) Fixed (Microwave Multipoint Distribution System (MMDS)) (d) Telecommunications Apparatus [2] 18.82 - 18.87 GHz	(a) 69% of the frequency channels in the band are vacant. (b) See note "B" (c) See note "K" (d) See note "J"
<b>19.3 - 19.7</b> FIXED FIXED-SATELLITE (space-to-Earth) (Earth-to-space) MOBILE [1]	<b>19.3 - 19.7</b> FIXED FIXED-SATELLITE (space-to-Earth) (Earth-to-space)		
<b>19.7 - 20.1</b> FIXED-SATELLITE (space-to-Earth) [3] Mobile-satellite (space-to-Earth)	<b>19.7 - 21.2</b> FIXED-SATELLITE (space-to-Earth)		
<b>20.1 - 20.2</b> FIXED-SATELLITE (space-to-Earth) [3] MOBILE-SATELLITE (space-to-Earth)		<b>19.7 - 21.2</b> (a) Fixed-satellite	(a) See note "B"
<b>20.2 - 21.2</b> FIXED-SATELLITE (space-to-Earth) MOBILE-SATELLITE (space-to-Earth) Standard frequency and time signal-satellite (space-to-Earth)			

[1] The operation of earth stations in motion communicating with geostationary fixed-satellite service space stations within the frequency band 17.7 - 19.7 GHz (space-to-Earth) shall be subject to the application of Resolution 169 (WRC-19) of the Radio Regulations.

[2] Details are given in the Telecommunications (Telecommunications Apparatus) (Exemption from Licensing) Order.

[3] The operation of earth stations in motion communicating with the fixed-satellite service is subject to Resolution 156 (WRC-15) of the Radio Regulations.

GHz  
21.2 - 23.6

REGION 3 ALLOCATION	HONG KONG ALLOCATION	BAND PLAN AND EXISTING UTILISATION	REMARKS
<b>21.2 - 21.4</b> EARTH EXPLORATION-SATELLITE (passive) FIXED MOBILE SPACE RESEARCH (passive)	<b>21.2 - 21.4</b> FIXED	<b>21.2 - 23.6</b> (a) Fixed # 21.2 - 21.4 GHz, 22 - 23.6 GHz	(a) 44% of the frequency channels in the band are vacant.
<b>21.4 - 22</b> FIXED MOBILE BROADCASTING-SATELLITE	<b>21.4 - 22</b> BROADCASTING-SATELLITE		
<b>22 - 22.21</b> FIXED MOBILE except aeronautical mobile	<b>22 - 23.6</b> FIXED		
<b>22.21 - 22.5</b> EARTH EXPLORATION-SATELLITE (passive) FIXED MOBILE except aeronautical mobile RADIO ASTRONOMY SPACE-RESEARCH (passive)			
<b>22.5 - 22.55</b> FIXED MOBILE			
<b>22.55 - 23.15</b> FIXED INTER-SATELLITE MOBILE SPACE RESEARCH (Earth-to-space)			
<b>23.15 - 23.55</b> FIXED INTER-SATELLITE MOBILE			
<b>23.55 - 23.6</b> FIXED MOBILE			

GHz  
23.6 - 24.75

REGION 3 ALLOCATION	HONG KONG ALLOCATION	BAND PLAN AND EXISTING UTILISATION	REMARKS
<b>23.6 - 24</b> EARTH EXPLORATION-SATELLITE (passive) RADIO ASTRONOMY SPACE RESEARCH (passive) [1]	<b>23.6 - 24</b> ALL EMISSIONS PROHIBITED	<b>23.6 - 24</b> (a) All emissions prohibited	(a) See note "A"
<b>24 - 24.05</b> AMATEUR AMATEUR-SATELLITE [2]	<b>24 - 24.05</b> INDUSTRIAL, SCIENTIFIC AND MEDICAL (ISM) Amateur	<b>24 - 24.05</b> (a) Industrial, Scientific and Medical (ISM) Equipment (b) Amateur	(a)&(b) See note "B"
<b>24.05 - 24.25</b> RADIOLOCATION Amateur Earth exploration-satellite (active) [2]	<b>24.05 - 24.25</b> RADIOLOCATION INDUSTRIAL, SCIENTIFIC AND MEDICAL (ISM) Amateur	<b>24.05 - 24.25</b> (a) Industrial, Scientific and Medical (ISM) Equipment (b) Radiolocation (c) Amateur	(a),(b)&(c) See note "B"
<b>24.25 - 24.45</b> RADIONAVIGATION FIXED MOBILE [3]	<b>24.25 - 24.65</b> RADIONAVIGATION FIXED MOBILE	<b>24.25 - 24.75</b> (a) Large Scale Public Mobile Services	(a) See note "K"
<b>24.45 - 24.65</b> FIXED INTER-SATELLITE MOBILE RADIONAVIGATION [3]			
<b>24.65 - 24.75</b> FIXED FIXED-SATELLITE (Earth-to-space) INTER-SATELLITE MOBILE [3]			

[1] All emissions in the band 23.6 - 24 GHz are prohibited.

[2] The band 24 - 24.25 GHz (centre frequency 24.125 GHz) is also designated for industrial, scientific and medical (ISM) applications. Radiocommunications services operating within this band must accept harmful interference which may be caused by these applications.

[3] The frequency band 24.25 - 27.5 GHz is identified for use by administrations wishing to implement the terrestrial component of International Mobile Telecommunications (IMT).



GHz  
24.75 - 28.5

REGION 3 ALLOCATION	HONG KONG ALLOCATION	BAND PLAN AND EXISTING UTILISATION	REMARKS
<b>24.75 - 25.25</b> FIXED FIXED-SATELLITE (Earth-to-space) MOBILE [1]	<b>24.75 - 25.25</b> FIXED FIXED-SATELLITE (Earth-to-space) MOBILE	<b>24.75 - 28.35</b> (a) Large Scale Public Mobile Services 24.75 - 26.55 GHz, 27.75 - 27.95 GHz (b) Large Scale Public Mobile Services 26.55 - 27.75 GHz (c) Localised Wireless Broadband Services 27.95 - 28.35 GHz (d) Fixed-satellite 27 - 28.35 GHz	(a) See note "K"  (b) See note "E"  (c) See note "B"  (d) See note "B"
<b>25.25 - 25.5</b> FIXED INTER-SATELLITE MOBILE Standard frequency and time signal-satellite (Earth-to-space) [1]	<b>25.25 - 27</b> FIXED MOBILE		
<b>25.5 - 27</b> EARTH EXPLORATION-SATELLITE (space-to-Earth) FIXED INTER-SATELLITE MOBILE SPACE RESEARCH (space-to-Earth) Standard frequency and time signal-satellite (Earth-to-space) [1]			
<b>27 - 27.5</b> FIXED FIXED-SATELLITE (Earth-to-space) INTER-SATELLITE MOBILE [1]	<b>27 - 28.35</b> FIXED FIXED-SATELLITE (Earth-to-space) MOBILE		
<b>27.5 - 28.5</b> FIXED FIXED-SATELLITE (Earth-to-space) MOBILE [2]			
	<b>28.35 - 28.5</b> FIXED-SATELLITE (Earth-to-space)	<b>28.35 - 28.5</b> (a) Fixed-satellite	(a) See note "B"

[1] The frequency band 24.25 - 27.5 GHz is identified for use by administrations wishing to implement the terrestrial component of International Mobile Telecommunications (IMT).

[2] The operation of earth stations in motion communicating with geostationary fixed-satellite service space stations within the frequency band 27.5 - 29.5 GHz (Earth-to-space) shall be subject to the application of Resolution 169 (WRC-19) of the Radio Regulations.

GHz  
28.5 - 31.3

REGION 3 ALLOCATION	HONG KONG ALLOCATION	BAND PLAN AND EXISTING UTILISATION	REMARKS
<b>28.5 - 29.5</b> FIXED FIXED-SATELLITE (Earth-to-space) MOBILE Earth exploration-satellite (Earth-to-space) [1]	<b>28.5 - 29.1</b> FIXED-SATELLITE (Earth-to-space)	<b>28.5 - 30</b> (a) Fixed-satellite	(a) See note "B"
	<b>29.1 - 29.25</b> FIXED FIXED-SATELLITE (Earth-to-space)		
	<b>29.25 - 30</b> FIXED-SATELLITE (Earth-to-space)		
<b>29.5 - 29.9</b> FIXED-SATELLITE (Earth-to-space) [2] Earth exploration-satellite (Earth-to-space) Mobile-satellite (Earth-to-space)			
<b>29.9 - 30</b> FIXED-SATELLITE (Earth-to-space) [2] MOBILE-SATELLITE (Earth-to-space) Earth exploration-satellite (Earth-to-space)			
<b>30 - 31</b> FIXED-SATELLITE (Earth-to-space) MOBILE-SATELLITE (Earth-to-space) Standard frequency and time signal-satellite (space-to-Earth)	<b>30 - 31</b> FIXED-SATELLITE (Earth-to-space)	<b>30 - 31</b>	See note "K"
<b>31 - 31.3</b> FIXED MOBILE Standard frequency and time signal-satellite (space-to-Earth) Space research	<b>31 - 31.3</b> FIXED	<b>31 - 31.3</b> (a) Local Wireless Fixed Telecommunication Network Services (LWFTNS)	(a) See note "K"

[1] The operation of earth stations in motion communicating with geostationary fixed-satellite service space stations within the frequency band 27.5 - 29.5 GHz (Earth-to-space) shall be subject to the application of Resolution 169 (WRC-19) of the Radio Regulations.

[2] The operation of earth stations in motion communicating with the fixed-satellite service is subject to Resolution 156 (WRC-15) of the Radio Regulations.

GHz  
31.3 - 34.2

REGION 3 ALLOCATION	HONG KONG ALLOCATION	BAND PLAN AND EXISTING UTILISATION	REMARKS
<b>31.3 - 31.5</b> EARTH EXPLORATION-SATELLITE (passive) RADIO ASTRONOMY SPACE RESEARCH (passive) [1]	<b>31.3 - 31.5</b> ALL EMISSIONS PROHIBITED	<b>31.3 - 31.5</b> (a) All emissions prohibited	(a) See note "A"
<b>31.5 - 31.8</b> EARTH EXPLORATION-SATELLITE (passive) RADIO ASTRONOMY SPACE RESEARCH (passive) Fixed Mobile except aeronautical mobile	<b>31.5 - 33</b> TO BE PLANNED	<b>31.5 - 33</b>	See note "I"
<b>31.8 - 32</b> FIXED RADIONAVIGATION SPACE RESEARCH (deep space) (space-to-Earth)			
<b>32 - 32.3</b> FIXED RADIONAVIGATION SPACE RESEARCH (deep space) (space-to-Earth)			
<b>32.3 - 33</b> FIXED INTER-SATELLITE RADIONAVIGATION			
<b>33 - 33.4</b> FIXED RADIONAVIGATION	<b>33 - 33.4</b> RADIONAVIGATION	<b>33 - 33.4</b>	See note "K"
<b>33.4 - 34.2</b> RADIOLOCATION	<b>33.4 - 34.2</b> RADIOLOCATION	<b>33.4 - 34.2</b> (a) Radiolocation	(a) See note "B"

[1] All emissions in the band 31.3 - 31.5 GHz are prohibited.

GHz  
34.2 - 38

REGION 3 ALLOCATION	HONG KONG ALLOCATION	BAND PLAN AND EXISTING UTILISATION	REMARKS
<b>34.2 - 34.7</b> RADIOLOCATION SPACE RESEARCH (deep space) (Earth-to-space)	<b>34.2 - 35.2</b> RADIOLOCATION	<b>34.2 - 35.2</b> (a) Radiolocation	(a) See note "B"
<b>34.7 - 35.2</b> RADIOLOCATION Space research			
<b>35.2 - 35.5</b> METEOROLOGICAL AIDS RADIOLOCATION	<b>35.2 - 37</b> TO BE PLANNED	<b>35.2 - 37</b>	See note "I"
<b>35.5 - 36</b> METEOROLOGICAL AIDS EARTH EXPLORATION-SATELLITE (active) RADIOLOCATION SPACE RESEARCH (active)			
<b>36 - 37</b> EARTH EXPLORATION-SATELLITE (passive) FIXED MOBILE SPACE RESEARCH (passive)			
<b>37 - 37.5</b> FIXED MOBILE except aeronautical mobile SPACE RESEARCH (space-to-Earth) [1]	<b>37 - 38</b> FIXED MOBILE except aeronautical mobile	<b>37 - 38</b> (a) Fixed #	(a) 66% of the frequency channels in the band 37 - 39.5 GHz are vacant.
<b>37.5 - 38</b> FIXED FIXED-SATELLITE (space-to-Earth) MOBILE except aeronautical mobile SPACE RESEARCH (space-to-Earth) Earth exploration-satellite (space-to-Earth) [1]			

[1] The frequency band 37 - 43.5 GHz, or portions thereof, is identified for use by administrations wishing to implement the terrestrial component of International Mobile Telecommunications (IMT).

GHz  
38 - 42.5

REGION 3 ALLOCATION	HONG KONG ALLOCATION	BAND PLAN AND EXISTING UTILISATION	REMARKS
<b>38 - 39.5</b> FIXED FIXED-SATELLITE (space-to-Earth) MOBILE Earth exploration-satellite (space-to-Earth) [1]	<b>38 - 39.5</b> FIXED MOBILE	<b>38 - 39.5</b> (a) Fixed #	(a) 66% of the frequency channels in the band 37 - 39.5 GHz are vacant.
<b>39.5 - 40</b> FIXED FIXED-SATELLITE (space-to-Earth) MOBILE MOBILE-SATELLITE (space-to-Earth) Earth exploration-satellite (space-to-Earth) [1]	<b>39.5 - 40</b> FIXED MOBILE	<b>39.5 - 42.5</b>	See note "K"
<b>40 - 40.5</b> EARTH EXPLORATION-SATELLITE (Earth-to-space) FIXED FIXED-SATELLITE (space-to-Earth) MOBILE MOBILE-SATELLITE (space-to-Earth) SPACE RESEARCH (Earth-to-space) Earth exploration-satellite (space-to-Earth) [1]	<b>40 - 40.5</b> FIXED MOBILE		
<b>* 40.5 - 42.5</b> FIXED FIXED-SATELLITE (space-to-Earth) LAND MOBILE BROADCASTING BROADCASTING-SATELLITE Aeronautical mobile Maritime mobile [1]	<b>40.5 - 42.5</b> FIXED LAND MOBILE		

[1] The frequency band 37 - 43.5 GHz, or portions thereof, is identified for use by administrations wishing to implement the terrestrial component of International Mobile Telecommunications (IMT).

GHz  
42.5 - 52.4

REGION 3 ALLOCATION	HONG KONG ALLOCATION	BAND PLAN AND EXISTING UTILISATION	REMARKS
<b>42.5 - 43.5</b> FIXED FIXED-SATELLITE (Earth-to-space) MOBILE except aeronautical mobile RADIO ASTRONOMY [1]	<b>42.5 - 43.5</b> FIXED MOBILE except aeronautical mobile	<b>42.5 - 43.5</b>	See note "K"
<b>43.5 - 47</b> MOBILE MOBILE-SATELLITE RADIONAVIGATION RADIONAVIGATION-SATELLITE	<b>43.5 - 47</b> TO BE PLANNED	<b>43.5 - 47</b>	See note "I"
<b>47 - 47.2</b> AMATEUR AMATEUR-SATELLITE	<b>47 - 47.2</b> AMATEUR AMATEUR-SATELLITE	<b>47 - 47.2</b> (a) Amateur (b) Amateur-satellite	(a)&(b) See note "B"
<b>47.2 - 50.2</b> FIXED FIXED-SATELLITE (Earth-to-space) MOBILE [2]	<b>47.2 - 50.2</b> TO BE PLANNED	<b>47.2 - 50.2</b>	See note "I"
<b>50.2 - 50.4</b> EARTH EXPLORATION-SATELLITE (passive) SPACE-RESEARCH (passive) [3]	<b>50.2 - 50.4</b> ALL EMISSIONS PROHIBITED	<b>50.2 - 50.4</b> (a) All emissions prohibited	(a) See note "A"
<b>50.4 - 51.4</b> FIXED FIXED-SATELLITE (Earth-to-space) MOBILE Mobile-satellite (Earth-to-space)	<b>50.4 - 51.15</b> FIXED	<b>50.4 - 51.15</b>	See note "K"
<b>* 51.4 - 52.4</b> FIXED FIXED-SATELLITE (Earth-to-space) [4] MOBILE	<b>51.15 - 52.4</b> TO BE PLANNED	<b>51.15 - 52.4</b>	See note "I"

[1] The frequency band 37 - 43.5 GHz, or portions thereof, is identified for use by administrations wishing to implement the terrestrial component of International Mobile Telecommunications (IMT).

[2] The band 48.94 - 49.04 GHz is also allocated to the radio astronomy service on a primary basis.

[3] All emissions in the band 50.2 - 50.4 GHz are prohibited.

[4] The use of the frequency band 51.4 - 52.4 GHz by the fixed-satellite service (Earth-to-space) is limited to geostationary-satellite networks. The earth stations shall be limited to gateway earth stations with a minimum antenna diameter of 2.4 metres.

GHz  
52.4 - 59

REGION 3 ALLOCATION	HONG KONG ALLOCATION	BAND PLAN AND EXISTING UTILISATION	REMARKS
<b>52.4 - 52.6</b> FIXED MOBILE	<b>52.4 - 52.6</b> TO BE PLANNED	<b>52.4 - 52.6</b>	See note "I"
<b>52.6 - 54.25</b> EARTH EXPLORATION-SATELLITE (passive) SPACE RESEARCH (passive) [1]	<b>52.6 - 54.25</b> ALL EMISSIONS PROHIBITED	<b>52.6 - 54.25</b> (a) All emissions prohibited	(a) See note "A"
<b>54.25 - 55.78</b> EARTH EXPLORATION-SATELLITE (passive) INTER-SATELLITE SPACE-RESEARCH (passive)	<b>54.25 - 57</b> TO BE PLANNED	<b>54.25 - 57</b>	See note "I"
<b>55.78 - 56.9</b> EARTH EXPLORATION-SATELLITE (passive) FIXED INTER-SATELLITE MOBILE SPACE RESEARCH (passive)			
<b>56.9 - 57</b> EARTH EXPLORATION-SATELLITE (passive) FIXED INTER-SATELLITE MOBILE SPACE RESEARCH (passive)			
<b>57 - 58.2</b> EARTH EXPLORATION-SATELLITE (passive) FIXED INTER-SATELLITE MOBILE SPACE RESEARCH (passive)	<b>57 - 59</b> FIXED MOBILE	<b>57 - 59</b> (a) 60 GHz Device 57 - 66 GHz	(a) See note "J"
<b>58.2 - 59</b> EARTH EXPLORATION-SATELLITE (passive) FIXED MOBILE SPACE RESEARCH (passive)			

[1] All emissions in the band 52.6 - 54.25 GHz are prohibited.

GHz  
59 - 71

REGION 3 ALLOCATION	HONG KONG ALLOCATION	BAND PLAN AND EXISTING UTILISATION	REMARKS
<b>59 - 59.3</b> EARTH EXPLORATION-SATELLITE (passive) FIXED INTER-SATELLITE MOBILE RADIOLOCATION SPACE RESEARCH (passive)	<b>59 - 61</b> FIXED MOBILE	<b>59 - 66</b> (a) 60 GHz Device 57 - 66 GHz (b) Industrial, Scientific and Medical (ISM) Equipment 61 - 61.5 GHz	(a) See note "J"  (b) See note "B"
<b>59.3 - 64</b> FIXED INTER-SATELLITE MOBILE RADIOLOCATION [1]	<b>61 - 61.5</b> FIXED MOBILE RADIOLOCATION INDUSTRIAL, SCIENTIFIC AND MEDICAL (ISM)		
	<b>61.5 - 64</b> FIXED MOBILE		
<b>64 - 65</b> FIXED INTER-SATELLITE MOBILE except aeronautical mobile	<b>64 - 66</b> FIXED MOBILE except aeronautical mobile		
<b>65 - 66</b> EARTH EXPLORATION-SATELLITE FIXED INTER-SATELLITE MOBILE except aeronautical mobile SPACE RESEARCH			
<b>66 - 71</b> INTER-SATELLITE MOBILE MOBILE-SATELLITE RADIONAVIGATION RADIONAVIGATION-SATELLITE [2]	<b>66 - 71</b> MOBILE	<b>66 - 71</b>	See note "K"

[1] The band 61 - 61.5 GHz (centre frequency 61.25 GHz) is designated for industrial, scientific and medical (ISM) applications.

[2] The frequency band 66 - 71 GHz is identified for use by administrations wishing to implement the terrestrial component of International Mobile Telecommunications (IMT).



GHz  
71 - 78

REGION 3 ALLOCATION	HONG KONG ALLOCATION	BAND PLAN AND EXISTING UTILISATION	REMARKS
<b>71 - 74</b> FIXED FIXED-SATELLITE (space-to-Earth) MOBILE MOBILE-SATELLITE (space-to-Earth)	<b>71 - 76</b> TO BE PLANNED	<b>71 - 76</b>	See note "I"
<b>74 - 75.5</b> FIXED FIXED-SATELLITE (space-to-Earth) MOBILE BROADCASTING BROADCASTING-SATELLITE Space research (space-to-Earth)			
<b>75.5 - 76</b> FIXED FIXED-SATELLITE (space-to-Earth) MOBILE BROADCASTING BROADCASTING-SATELLITE Space research (space-to-Earth)			
<b>76 - 77.5</b> RADIO ASTRONOMY RADIOLOCATION Amateur Amateur-satellite Space research (space-to-Earth)	<b>76 - 77.5</b> RADIOLOCATION Amateur Amateur-satellite	<b>76 - 77.5</b> (a) 79 GHz Automotive Radar 77 - 81 GHz (b) Amateur (c) Amateur-satellite (d) Telecommunications Apparatus [1] 76 - 77 GHz	(a) See note "J"  (b)&(c) See note "B"  (d) See note "J"
<b>77.5 - 78</b> AMATEUR AMATEUR-SATELLITE RADIOLOCATION [2] Radio astronomy Space research (space-to-Earth)	<b>77.5 - 78</b> AMATEUR AMATEUR-SATELLITE RADIOLOCATION	<b>77.5 - 78</b> (a) Amateur (b) Amateur-satellite (c) 79 GHz Automotive Radar 77 - 81 GHz	(a)&(b) See note "B"  (c) See note "J"

[1] Details are given in the Telecommunications (Telecommunications Apparatus) (Exemption from Licensing) Order.

[2] The use of the band 77.5 - 78 GHz by the radiolocation service shall be limited to short-range radar for ground-based applications, including automotive radars. The technical characteristics of these radars are provided in the most recent version of Recommendation ITU-R M.2057. The provisions of No. 4.10 of the Radio Regulations do not apply.

GHz  
78 - 86

REGION 3 ALLOCATION	HONG KONG ALLOCATION	BAND PLAN AND EXISTING UTILISATION	REMARKS
<b>78 - 79</b> RADIOLOCATION Amateur Amateur-satellite Radio astronomy Space research (space-to-Earth)	<b>78 - 81</b> RADIOLOCATION Amateur Amateur-satellite	<b>78 - 81</b> (a) 79 GHz Automotive Radar 77 - 81 GHz (b) Amateur (c) Amateur-satellite	(a) See note "J"  (b)&(c) See note "B"
<b>79 - 81</b> RADIO ASTRONOMY RADIOLOCATION Amateur Amateur-satellite Space research (space-to-Earth)			
<b>81 - 84</b> FIXED FIXED-SATELLITE (Earth-to-space) MOBILE MOBILE-SATELLITE (Earth-to-space) RADIO ASTRONOMY Space research (space-to-Earth)	<b>81 - 86</b> TO BE PLANNED	<b>81 - 86</b>	See note "I"
<b>84 - 86</b> FIXED FIXED-SATELLITE (Earth-to-space) MOBILE RADIO ASTRONOMY			

GHz  
86 - 102

REGION 3 ALLOCATION	HONG KONG ALLOCATION	BAND PLAN AND EXISTING UTILISATION	REMARKS
<b>86 - 92</b> EARTH EXPLORATION-SATELLITE (passive) RADIO ASTRONOMY SPACE RESEARCH (passive) [1]	<b>86 - 92</b> ALL EMISSIONS PROHIBITED	<b>86 - 92</b> (a) All emissions prohibited	(a) See note "A"
<b>92 - 94</b> FIXED MOBILE RADIO ASTRONOMY RADIOLOCATION	<b>92 - 100</b> TO BE PLANNED	<b>92 - 100</b>	See note "I"
<b>94 - 94.1</b> EARTH EXPLORATION-SATELLITE (active) RADIOLOCATION SPACE RESEARCH (active) Radio astronomy			
<b>94.1 - 95</b> FIXED MOBILE RADIO ASTRONOMY RADIOLOCATION			
<b>95 - 100</b> FIXED MOBILE RADIO ASTRONOMY RADIOLOCATION RADIONAVIGATION RADIONAVIGATION-SATELLITE			
<b>100 - 102</b> EARTH EXPLORATION-SATELLITE (passive) RADIO ASTRONOMY SPACE RESEARCH (passive) [1]	<b>100 - 102</b> ALL EMISSIONS PROHIBITED	<b>100 - 102</b> (a) All emissions prohibited	(a) See note "A"

[1] All emissions in the bands 86 - 92 GHz and 100 - 102 GHz are prohibited.

GHz  
102 - 114.25

REGION 3 ALLOCATION	HONG KONG ALLOCATION	BAND PLAN AND EXISTING UTILISATION	REMARKS
<b>102 - 105</b> FIXED MOBILE RADIO ASTRONOMY	<b>102 - 109.5</b> TO BE PLANNED	<b>102 - 109.5</b>	See note "I"
<b>105 - 109.5</b> FIXED MOBILE RADIO ASTRONOMY SPACE RESEARCH (passive)			
<b>109.5 - 111.8</b> EARTH EXPLORATION-SATELLITE (passive) RADIO ASTRONOMY SPACE RESEARCH (passive) [1]	<b>109.5 - 111.8</b> ALL EMISSIONS PROHIBITED	<b>109.5 - 111.8</b> (a) All emissions prohibited	(a) See note "A"
<b>111.8 - 114.25</b> FIXED MOBILE RADIO ASTRONOMY SPACE RESEARCH (passive)	<b>111.8 - 114.25</b> TO BE PLANNED	<b>111.8 - 114.25</b>	See note "I"

[1] All emissions in the band 109.5 - 111.8 GHz are prohibited.

GHz  
114.25 - 126

REGION 3 ALLOCATION	HONG KONG ALLOCATION	BAND PLAN AND EXISTING UTILISATION	REMARKS
<b>114.25 - 116</b> EARTH EXPLORATION-SATELLITE (passive) RADIO ASTRONOMY SPACE RESEARCH (passive) [1]	<b>114.25 - 116</b> ALL EMISSIONS PROHIBITED	<b>114.25 - 116</b> (a) All emissions prohibited	(a) See note "A"
<b>116 - 119.98</b> EARTH EXPLORATION-SATELLITE (passive) INTER-SATELLITE SPACE RESEARCH (passive)	<b>116 - 122</b> TO BE PLANNED	<b>116 - 122</b>	See note "I"
<b>119.98 - 120.02</b> EARTH EXPLORATION-SATELLITE (passive) INTER-SATELLITE SPACE RESEARCH (passive)			
<b>120.02 - 122.25</b> EARTH EXPLORATION-SATELLITE (passive) INTER-SATELLITE SPACE RESEARCH (passive) [2]			
<b>122.25 - 123</b> FIXED INTER-SATELLITE MOBILE Amateur [2]	<b>122 - 123</b> INDUSTRIAL, SCIENTIFIC AND MEDICAL (ISM)	<b>122 - 123</b> (a) Industrial, Scientific and Medical (ISM) Equipment	(a) See note "B"
<b>123 - 126</b> FIXED-SATELLITE (space-to-Earth) MOBILE-SATELLITE (space-to-Earth) RADIONAVIGATION RADIONAVIGATION-SATELLITE Radio astronomy	<b>123 - 126</b> TO BE PLANNED	<b>123 - 126</b>	See note "I"

[1] All emissions in the band 114.25 - 116 GHz are prohibited.

[2] The band 122 - 123 GHz (centre frequency 122.5 GHz) is designated for industrial, scientific and medical (ISM) applications.

GHz  
126 - 148.5

REGION 3 ALLOCATION	HONG KONG ALLOCATION	BAND PLAN AND EXISTING UTILISATION	REMARKS
<b>126 - 130</b> FIXED-SATELLITE (space-to-Earth) MOBILE-SATELLITE (space-to-Earth) RADIONAVIGATION RADIONAVIGATION-SATELLITE Radio astronomy	<b>126 - 148.5</b> TO BE PLANNED	<b>126 - 148.5</b>	See note "I"
<b>130 - 134</b> EARTH EXPLORATION-SATELLITE (active) FIXED INTER-SATELLITE MOBILE RADIO ASTRONOMY			
<b>134 - 136</b> AMATEUR AMATEUR-SATELLITE Radio astronomy			
<b>136 - 141</b> RADIO ASTRONOMY RADIOLOCATION Amateur Amateur-satellite			
<b>141 - 148.5</b> FIXED MOBILE RADIO ASTRONOMY RADIOLOCATION			

GHz  
148.5 - 168

REGION 3 ALLOCATION	HONG KONG ALLOCATION	BAND PLAN AND EXISTING UTILISATION	REMARKS
<b>148.5 - 151.5</b> EARTH EXPLORATION-SATELLITE (passive) RADIO ASTRONOMY SPACE RESEARCH (passive) [1]	<b>148.5 - 151.5</b> ALL EMISSIONS PROHIBITED	<b>148.5 - 151.5</b> (a) All emissions prohibited	(a) See note "A"
<b>151.5 - 155.5</b> FIXED MOBILE RADIO ASTRONOMY RADIOLOCATION	<b>151.5 - 164</b> TO BE PLANNED	<b>151.5 - 164</b>	See note "I"
* <b>155.5 - 158.5</b> FIXED MOBILE RADIO ASTRONOMY			
<b>158.5 - 164</b> FIXED FIXED-SATELLITE (space-to-Earth) MOBILE MOBILE-SATELLITE (space-to-Earth)			
<b>164 - 167</b> EARTH EXPLORATION-SATELLITE (passive) RADIO ASTRONOMY SPACE RESEARCH (passive) [1]	<b>164 - 167</b> ALL EMISSIONS PROHIBITED	<b>164 - 167</b> (a) All emissions prohibited	(a) See note "A"
<b>167 - 168</b> FIXED FIXED-SATELLITE (space-to-Earth) INTER-SATELLITE MOBILE	<b>167 - 168</b> TO BE PLANNED	<b>167 - 168</b>	See note "I"

[1] All emissions in the bands 148.5 - 151.5 GHz and 164 - 167 GHz are prohibited.

GHz  
168 - 190

REGION 3 ALLOCATION	HONG KONG ALLOCATION	BAND PLAN AND EXISTING UTILISATION	REMARKS
<b>168 - 170</b> FIXED FIXED-SATELLITE (space-to-Earth) INTER-SATELLITE MOBILE	<b>168 - 182</b> TO BE PLANNED	<b>168 - 182</b>	See note "I"
<b>170 - 174.5</b> FIXED FIXED-SATELLITE (space-to-Earth) INTER-SATELLITE MOBILE			
<b>174.5 - 174.8</b> FIXED INTER-SATELLITE MOBILE			
<b>174.8 - 182</b> EARTH EXPLORATION-SATELLITE (passive) INTER-SATELLITE SPACE RESEARCH (passive)			
<b>182 - 185</b> EARTH EXPLORATION-SATELLITE (passive) RADIO ASTRONOMY SPACE RESEARCH (passive) [1]	<b>182 - 185</b> ALL EMISSIONS PROHIBITED	<b>182 - 185</b> (a) All emissions prohibited	(a) See note "A"
<b>185 - 190</b> EARTH EXPLORATION-SATELLITE (passive) INTER-SATELLITE SPACE RESEARCH (passive)	<b>185 - 190</b> TO BE PLANNED	<b>185 - 190</b>	See note "I"

[1] All emissions in the bands 182 - 185 GHz are prohibited.



GHz  
190 - 200

REGION 3 ALLOCATION	HONG KONG ALLOCATION	BAND PLAN AND EXISTING UTILISATION	REMARKS
<p><b>190 - 191.8</b> EARTH EXPLORATION-SATELLITE (passive) SPACE RESEARCH (passive) [1]</p>	<p><b>190 - 191.8</b> ALL EMISSIONS PROHIBITED</p>	<p><b>190 - 191.8</b> (a) All emissions prohibited</p>	<p>(a) See note "A"</p>
<p><b>191.8 - 200</b> FIXED INTER-SATELLITE MOBILE MOBILE-SATELLITE RADIONAVIGATION RADIONAVIGATION-SATELLITE</p>	<p><b>191.8 - 200</b> TO BE PLANNED</p>	<p><b>191.8 - 200</b></p>	<p>See note "I"</p>

[1] All emissions in the bands 190 - 191.8 GHz are prohibited.

GHz  
200 - 232

REGION 3 ALLOCATION	HONG KONG ALLOCATION	BAND PLAN AND EXISTING UTILISATION	REMARKS
<b>200 - 209</b> EARTH EXPLORATION-SATELLITE (passive) RADIO ASTRONOMY SPACE RESEARCH (passive) [1]	<b>200 - 209</b> ALL EMISSIONS PROHIBITED	<b>200 - 209</b> (a) All emissions prohibited	(a) See note "A"
<b>209 - 217</b> FIXED FIXED-SATELLITE (Earth-to-space) MOBILE RADIO ASTRONOMY	<b>209 - 226</b> TO BE PLANNED	<b>209 - 226</b>	See note "I"
<b>217 - 226</b> FIXED FIXED-SATELLITE (Earth-to-space) MOBILE RADIO ASTRONOMY SPACE RESEARCH (passive)			
<b>226 - 231.5</b> EARTH EXPLORATION-SATELLITE (passive) RADIO ASTRONOMY SPACE RESEARCH (passive) [1]	<b>226 - 231.5</b> ALL EMISSIONS PROHIBITED	<b>226 - 231.5</b> (a) All emissions prohibited	(a) See note "A"
<b>231.5 - 232</b> FIXED MOBILE Radiolocation	<b>231.5 - 232</b> TO BE PLANNED	<b>231.5 - 232</b>	See note "I"

[1] All emissions in the bands 200 - 209 GHz and 226 - 231.5 GHz are prohibited.

GHz  
232 - 241

REGION 3 ALLOCATION	HONG KONG ALLOCATION	BAND PLAN AND EXISTING UTILISATION	REMARKS
<b>232 - 235</b> FIXED FIXED-SATELLITE (space-to-Earth) MOBILE Radiolocation	<b>232 - 241</b> TO BE PLANNED	<b>232 - 241</b>	See note "I"
<b>235 - 238</b> EARTH EXPLORATION-SATELLITE (passive) FIXED-SATELLITE (space-to-Earth) SPACE RESEARCH (passive)			
<b>238 - 240</b> FIXED FIXED-SATELLITE (space-to-Earth) MOBILE RADIOLOCATION RADIONAVIGATION RADIONAVIGATION-SATELLITE			
<b>240 - 241</b> FIXED MOBILE RADIOLOCATION			

GHz  
241 - 3000

REGION 3 ALLOCATION	HONG KONG ALLOCATION	BAND PLAN AND EXISTING UTILISATION	REMARKS
<b>241 - 248</b> RADIO ASTRONOMY RADIOLOCATION Amateur Amateur-satellite [1]	<b>241 - 244</b> TO BE PLANNED	<b>241 - 244</b>	See note "I"
	<b>244 - 246</b> INDUSTRIAL, SCIENTIFIC AND MEDICAL (ISM)	<b>244 - 246</b> (a) Industrial, Scientific and Medical (ISM) Equipment	(a) See note "B"
	<b>246 - 250</b> TO BE PLANNED	<b>246 - 250</b>	See note "I"
<b>248 - 250</b> AMATEUR AMATEUR-SATELLITE Radio astronomy			
<b>250 - 252</b> EARTH EXPLORATION-SATELLITE (passive) RADIO ASTRONOMY SPACE RESEARCH (passive) [2]	<b>250 - 252</b> ALL EMISSIONS PROHIBITED	<b>250 - 252</b> (a) All emissions prohibited	(a) See note "A"
<b>252 - 265</b> FIXED MOBILE MOBILE-SATELLITE (Earth-to-space) RADIO ASTRONOMY RADIONAVIGATION RADIONAVIGATION-SATELLITE	<b>252 - 3000</b> TO BE PLANNED	<b>252 - 3000</b>	See note "I"
<b>265 - 275</b> FIXED FIXED-SATELLITE (Earth-to-space) MOBILE RADIO ASTRONOMY			
<b>275 - 3000</b> (Not allocated)			

[1] The band 244 - 246 GHz (centre frequency 245 GHz) is designated for industrial, scientific and medical (ISM) applications.

[2] All emissions in the bands 250 - 252 GHz are prohibited.

**ANNEX I**

REVISION OF

REGION 3 ALLOCATIONS

REGION 3 ALLOCATION REVISION

before WRC-19 decisions in force

after WRC-19 decisions in force

**156.8375 - 161.9375 MHz**

<p><b>156.8375 - 161.9375</b> FIXED MOBILE</p>
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<p><b>156.8375 - 157.1875</b> FIXED MOBILE</p>
<p><b>157.1875 - 157.3375</b> FIXED MOBILE Maritime mobile-satellite</p>
<p><b>157.3375 - 161.7875</b> FIXED MOBILE</p>
<p><b>161.7875 - 161.9375</b> FIXED MOBILE Maritime mobile-satellite</p>

**1613.8 - 1626.5 MHz**

<p><b>1613.8 - 1626.5</b> MOBILE-SATELLITE (Earth-to-space) AERONAUTICAL RADIONAVIGATION Mobile-satellite (space-to-Earth) Radiodetermination-satellite (Earth-to-space)</p>
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<p><b>1613.8 - 1621.35</b> MOBILE-SATELLITE (Earth-to-space) AERONAUTICAL RADIONAVIGATION Mobile-satellite (space-to-Earth) Radiodetermination-satellite (Earth-to-space)</p>
<p><b>1621.35 - 1626.5</b> MARITIME MOBILE-SATELLITE (space-to-Earth) MOBILE-SATELLITE (Earth-to-space) AERONAUTICAL RADIONAVIGATION Mobile-satellite (space-to-Earth) except maritime mobile-satellite (space-to-Earth) Radiodetermination-satellite (Earth-to-space)</p>

**40.5 - 42.5 GHz**

<p><b>40.5 - 42.5</b> FIXED FIXED-SATELLITE (space-to-Earth) BROADCASTING BROADCASTING-SATELLITE Mobile</p>
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<p><b>40.5 - 42.5</b> FIXED FIXED-SATELLITE (space-to-Earth) LAND MOBILE BROADCASTING BROADCASTING-SATELLITE Aeronautical mobile Maritime mobile</p>
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REGION 3 ALLOCATION REVISION

before WRC-19 decisions in force

after WRC-19 decisions in force

**51.4 - 52.6 GHz**

<p><b>51.4 - 52.6</b> FIXED MOBILE</p>
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<p><b>51.4 - 52.4</b> FIXED FIXED-SATELLITE (Earth-to-space) MOBILE</p>
<p><b>52.4 - 52.6</b> FIXED MOBILE</p>

**155.5 - 158.5 GHz**

<p><b>155.5 - 158.5</b> EARTH EXPLORATION-SATELLITE (passive) FIXED MOBILE RADIO ASTRONOMY SPACE RESEARCH (passive)</p>
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<p><b>155.5 - 158.5</b> FIXED MOBILE RADIO ASTRONOMY</p>
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**ANNEX II**

CHANNEL ARRANGEMENTS FOR

FIXED SERVICE

# 6.4 - 7.1 GHz

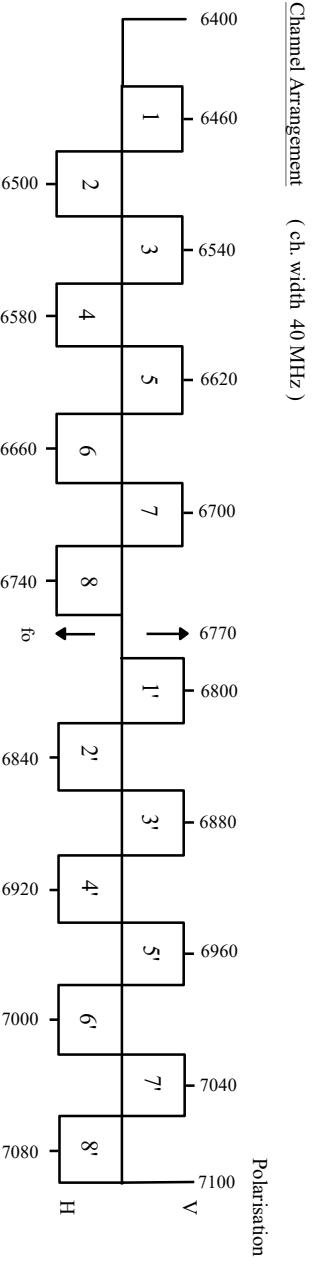
(Rec. ITU-R F.384 -11)

## RR Allocation

FIXED, FIXED-SATELLITE (E-to-sp), MOBILE	FIXED, FIXED-SATELLITE (E-to-sp) (sp-to-E), MOBILE	FIXED, MOBILE
6400	6700	7075 MHz

## HK Allocation

FIXED, FIXED-SATELLITE (E-to-sp)		FIXED, MOBILE
6400	7075 MHz	



# 7.42 - 7.75 GHz

(Rec. ITU-R F.385-10)

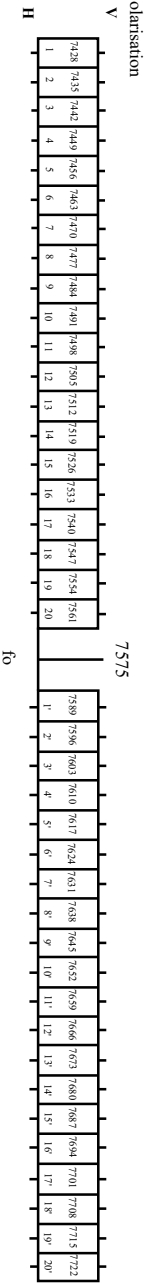
## RR Allocation

FIXED, FIXED-SATELLITE (sp-to-E), FIXED-SATELLITE (sp-to-E), MOBILE except aero. mobile	FIXED, FIXED-SATELLITE (sp-to-E), MOBILE except aero. mobile, FIXED, MOBILE, FIXED-SATELLITE (sp-to-E)	FIXED, FIXED-SAT. (sp-to-E), MET-SAT (sp-to-E), MOBILE except aero. mobile, MARITIME MOBILE-SATELLITE (sp-to-E)	FIXED, FIXED-SATELLITE (sp-to-E), MOBILE except aeronautical mobile, MARITIME MOBILE-SATELLITE (sp-to-E)
7300	7375	7450	7550

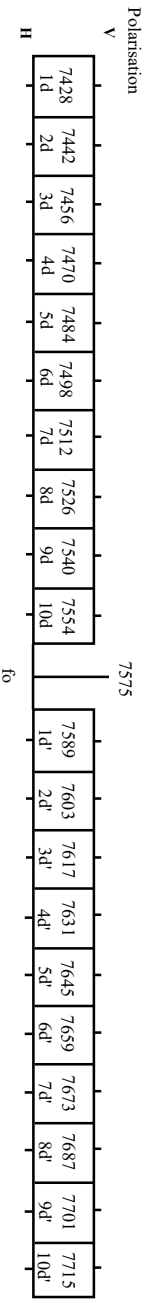
## HK Allocation

FIXED, MOBILE	FIXED, MOBILE, MARITIME MOBILE-SATELLITE (sp-to-E)	7300	7375	7450	7550	7750 MHz
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## Channel Arrangement (ch. width 7 MHz)



## Channel Arrangement (ch. width 14 MHz)





# 8.275 - 8.500 GHz

RR Allocation

EARTH EXPLORATION-SATELLITE (sp-to-E) FIXED, FIXED-SATELLITE (E-to-sp), MOBILE	FIXED, MOBILE except aeronautical mobile, SPACE RESEARCH (sp-to-E)
---	---

8275

8400

8500 MHz

HK Allocation

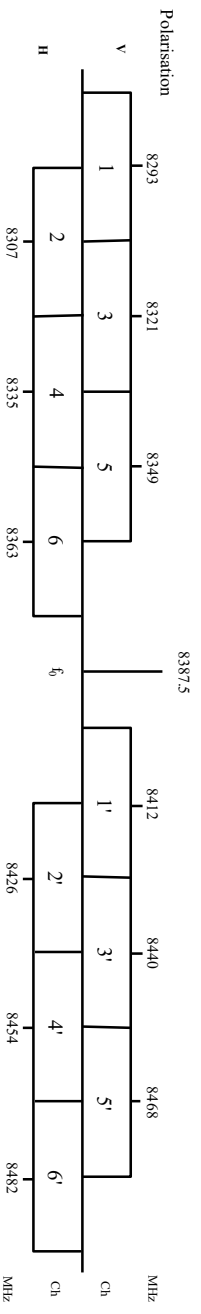
EARTH EXPLORATION-SATELLITE (sp-to-E), FIXED	FIXED
--	-------

8275

8400

8500 MHz

Channel arrangement ( ch. width 28 MHz )



## 10.15 - 10.3 GHz

RR Allocation

EARTH EXPLORATION-SATELLITE (active), FIXED, MOBILE, RADIOLOCATION, Amateur
---

10.15

10.3 GHz

HK Allocation

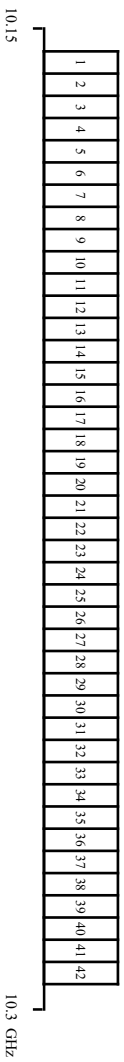
FIXED
-------

10.15

10.3 GHz

Paired Channels (CEPT/ERC Rec. 12-05E))

Channel Arrangement in Lower Block ( ch. width 3.5 MHz)



# 10.5 - 10.68 GHz

RR Allocation

FIXED, MOBILE, RADIOLOCATION	FIXED, MOBILE except aero. mobile, Radiolocation	EARTH EXPLORATION-SATELLITE (passive), FIXED, MOBILE except aeronautical mobile, RADIO ASTRONOMY, SPACE RESEARCH (passive), Radiolocation
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10.5 10.55 10.6 10.68 GHz

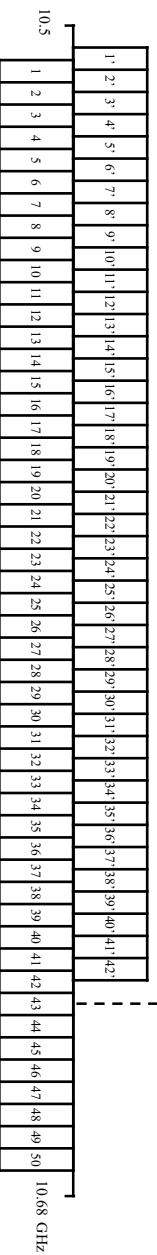
HK Allocation

FIXED, RADIOLOCATION
----------------------

10.5 10.65 10.68 GHz

Paired Channels (CEPT/ERC Rec. 12-05E)

Channel Arrangement in Upper Block (ch. width 3.5 MHz)



Interleaved SFX Channels (Rec. ITU-R F.747-1)

Channel Arrangement (ch. width 3.5 MHz)

$$\begin{aligned} \text{Paired Channels (CEPT/ERC Rec. 12-05E)} \\ f_n &= 10.48.75 + 3.5n \text{ MHz} \\ f_n &= 10.498.75 + 3.5n \text{ MHz} \\ n &= 1, 2, \dots, 42 \end{aligned} \qquad \begin{aligned} \text{Interleaved SFX Channels (Rec. ITU-R F.747-1)} \\ f_m &= 10.500.5 + 3.5m \text{ MHz} \\ m &= 1, 2, \dots, 50 \end{aligned}$$

# 10.7 - 11.7 GHz

(Rec. ITU-R F.387-12)

RR Allocation

FIXED, FIXED-SATELLITE (sp-to-E), MOBILE except aeronautical mobile
---

10.7 11.7 GHz

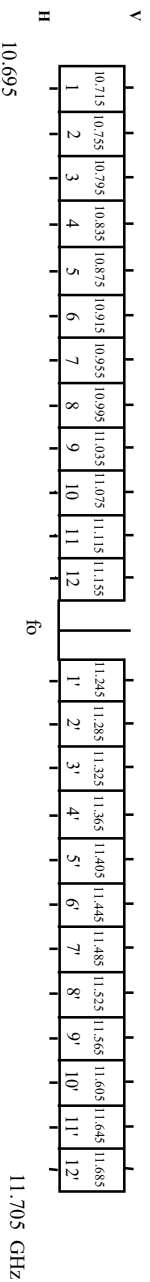
HK Allocation

FIXED, FIXED-SATELLITE (sp-to-E)
----------------------------------

10.7 11.7 GHz

Channel Arrangement (ch. width 40 MHz)

Polarisation 11.2



# 12.75 - 13.25 GHz

( Rec. ITU-R F.497-7 )

## RR Allocation

FIXED, FIXED-SATELLITE (E-to-sp), MOBILE, Space research (deep space)(sp-to-E)

12.75

13.25 GHz

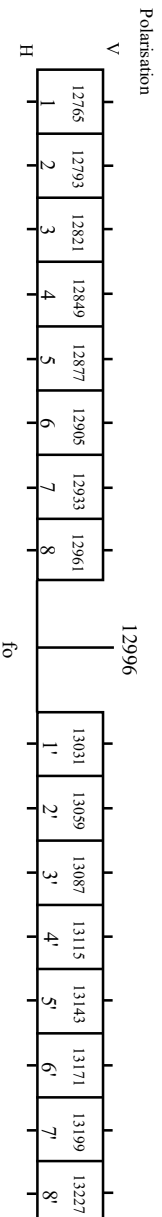
## HK Allocation

FIXED, FIXED-SATELLITE (E-to-sp), MOBILE

12.75

13.25 GHz

## Channel Arrangement ( ch. width 28 MHz )

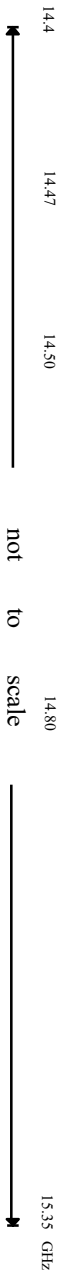


# 14.4 - 15.35 GHz

( Rec. ITU-R F.636-4 )

## RR Allocation

FIXED, FIXED-SAT (E-to-sp), MOBILE, except non mobile, Mobile-satellite (E-to-sp), Space research (sp-to-E)	FIXED, FIXED-SAT (E-to-sp), MOBILE, except non mobile, Mobile-satellite (E-to-sp), Radio astronomy	FIXED, FIXED-SATELLITE (E-to-sp), MOBILE, Space research
---	--	--

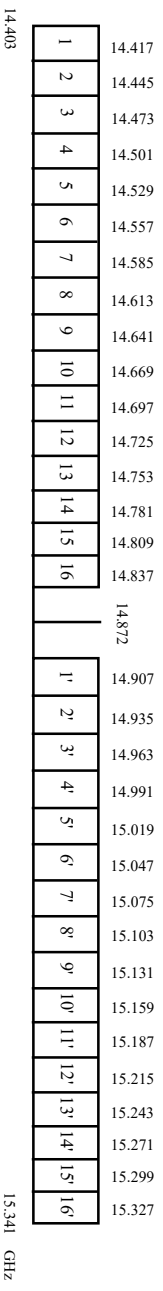


## HK Allocation

FIXED, FIXED-SATELLITE (E-to-sp), MOBILE, Mobile-satellite (E-to-sp)	FIXED, FIXED-SATELLITE (E-to-sp), MOBILE	FIXED, MOBILE, Space research
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## Channel Arrangement ( ch. width 28 MHz )



# 17.7 - 19.7 GHz

( Rec. ITU-R F.595-10 )

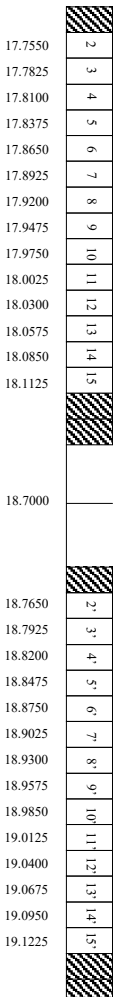
## RR Allocation

17.7	18.4	18.6	18.8	19.3	19.7 GHz
FIXED, FIXED-SATELLITE (sp-to-E) (E-to-sp), MOBILE	FIXED, FIXED-SATELLITE(sp-to-E), MOBILE	<small>FOR THE FUTURE OF SATELLITE, MOBILE, FIXED, FIXED-SATELLITE (sp-to-E), MOBILE or other advanced mobile, Space Based Systems</small>	FIXED, FIXED-SATELLITE (sp-to-E), MOBILE	FIXED, FIXED-SATELLITE (sp-to-E) SATELLITE (sp-to-E) (E-to-sp), MOBILE	

## HK Allocation

17.7	18.4	19.3	19.7 GHz
FIXED, FIXED-SATELLITE (sp-to-E) (E-to-sp)	FIXED, FIXED-SATELLITE (sp-to-E)	FIXED, FIXED-SATELLITE (sp-to-E) SATELLITE (sp-to-E) (E-to-sp)	

## Channel Arrangement (ch. width 27.5 MHz)



# 21 - 23 GHz

( Rec. ITU-R F.637-4 )

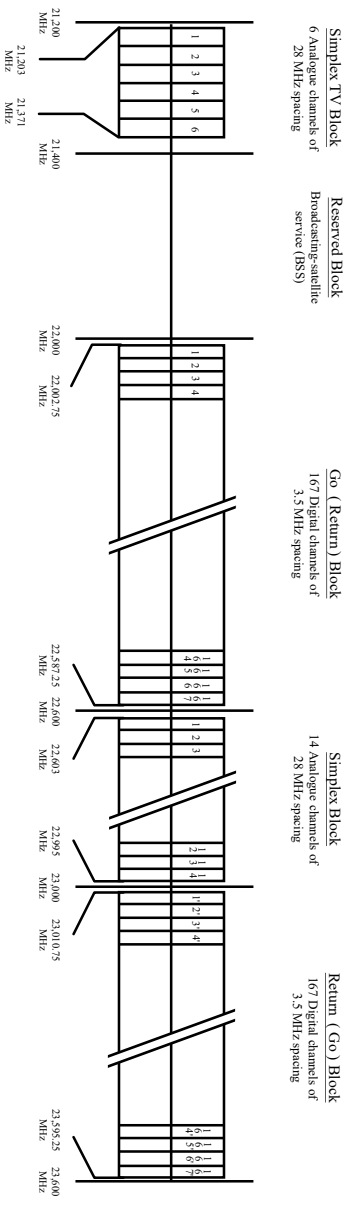
## RR Allocation

	EARTH EXPLORATION-SATELLITE (passive), FIXED, MOBILE, SPACE RESEARCH (passive)	FIXED, MOBILE, BROADCASTING-SATELLITE	FIXED, MOBILE (except aeronautical mobile)	EARTH EXPLORATION-SAT (passive), FIXED, MOBILE (except aeronautical mobile, RADIO ASTRONOMY, SPACE RESEARCH (passive))	FIXED, MOBILE, INTER-SATELLITE, SPACE RESEARCH (E-to-sp)	FIXED, MOBILE, INTER-SATELLITE, MOBILE	FIXED, MOBILE	
21.2	21.4	22.0	22.21	22.5	22.55	23.15	23.55	23.6 GHz

## HK Allocation

	FIXED	BROADCASTING-SATELLITE		FIXED			
21.2	21.4	22.0					23.6 GHz

## Frequency Blocks



Annex II-6

Assignment of 3.5 MHz channels

$$f_m = 22,001 + 3,5m \text{ (MHz)}$$

$$m = 1, 2, 3, \dots, 167$$

$$f_m' = 23,009 + 3,5m \text{ (MHz)}$$

$$m = 1, 2, 3, \dots, 167$$

Assignment of 7 MHz channels

$$f_n = 22,004,5 + 7n \text{ (MHz)}$$

$$n = 1, 2, 3, \dots, 83$$

$$f_n' = 23,012,5 + 7n \text{ (MHz)}$$

$$n = 1, 2, 3, \dots, 83$$

Assignment of 14 MHz channels

$$f_p = 22,001 + 14p \text{ (MHz)}$$

$$p = 1, 2, 3, \dots, 41$$

$$f_p' = 23,009 + 14p \text{ (MHz)}$$

$$p = 1, 2, 3, \dots, 41$$

Assignment of 28 MHz channels

$$f_s = 21,189 + 28s \text{ (MHz)}$$

$$s = 1, 2, \dots, 6$$

$$f_s' = 23,002 + 28q \text{ (MHz)}$$

$$q = 1, 2, 3, \dots, 20$$

# 38 GHz

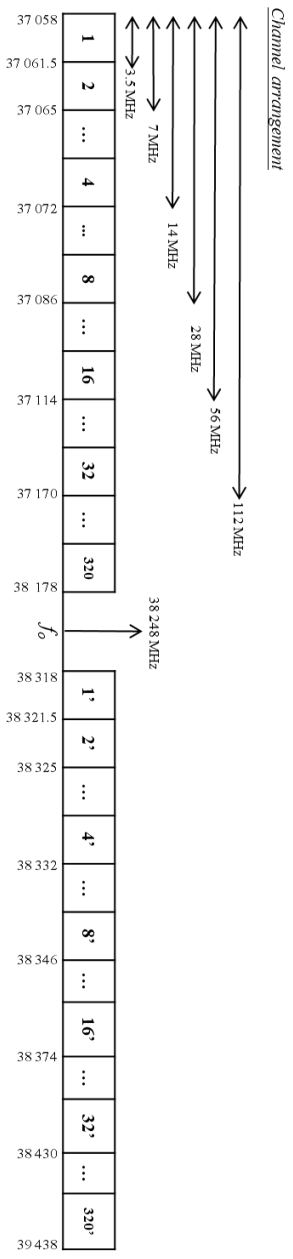
(Rec. ITU-R F.749-3)

## RR Allocation

37	37.5	38	39.5 GHz
FIXED MOBILE except aeronautical mobile SPACE RESEARCH (space-to-Earth)	FIXED FIXED-SATELLITE (space-to-Earth) MOBILE except aeronautical mobile SPACE RESEARCH (space-to-Earth) Earth Exploration-Satellite (space-to-Earth)	FIXED FIXED-SATELLITE (space-to-Earth) MOBILE Earth Exploration-Satellite (space-to-Earth)	

## HK Allocation

37	38	39.5 GHz
FIXED MOBILE except aeronautical mobile	FIXED MOBILE	



Annex II-7

Centre Frequency (MHz)	
Assignment of 3.5 MHz channels	$f_n = f_o - 1191.75 + 3.5n$ where $n=1, 2, 3, \dots, 320$
Assignment of 7 MHz channels	$f_n = f_o - 1193.5 + 7n$ where $n=1, 2, 3, \dots, 160$
Assignment of 14 MHz channels	$f_n = f_o - 1197 + 14n$ where $n=1, 2, 3, \dots, 80$
Assignment of 28 MHz channels	$f_n = f_o - 1204 + 28n$ where $n=1, 2, 3, \dots, 40$
Assignment of 56 MHz channels	$f_n = f_o - 1218 + 56n$ where $n=1, 2, 3, \dots, 20$
Assignment of 112 MHz channels	$f_n = f_o - 1246 + 112n$ where $n=1, 2, 3, \dots, 10$
	$f'_n = f_o + 68.25 + 3.5n$ where $n=1, 2, 3, \dots, 320$
	$f'_n = f_o + 66.5 + 7n$ where $n=1, 2, 3, \dots, 160$
	$f'_n = f_o + 63 + 14n$ where $n=1, 2, 3, \dots, 80$
	$f'_n = f_o + 56 + 28n$ where $n=1, 2, 3, \dots, 40$
	$f'_n = f_o + 42 + 56n$ where $n=1, 2, 3, \dots, 20$
	$f'_n = f_o + 14 + 112n$ where $n=1, 2, 3, \dots, 10$

$$f_o = 38\,248$$