

AERONAUTICAL MOBILE (R)	AERONAUTICAL MOBILE (R)		
5.111	5.111		
10 100 - 10 150			
FIXED	FIXED		
Amateur	Amateur		License Class A1 as per the Amateur Radio Regulations
10 150 - 11 175			
FIXED	FIXED		
Mobile except Aeronautical Mobile (R)	Mobile except Aeronautical Mobile (R)		
11 175 - 11 275			
AERONAUTICAL MOBILE (OR)	AERONAUTICAL MOBILE (OR)		
11 275 - 11 400			

AERONAUTICAL MOBILE (R)	AERONAUTICAL MOBILE (R)		
11 400 - 11 600			
FIXED	FIXED		
11 600-11 650			
BROADCASTING 5.134	BROADCASTING 5.134	Sound Broadcasting	
5.146	5.146		
11 650 - 12 050			
BROADCASTING	BROADCASTING	Sound Broadcasting	
5.147	5.147		
12 050 - 12 100			
BROADCASTING 5.134	BROADCASTING 5.134	Sound Broadcasting	
5.146	5.146		

12 100 - 12 230			
FIXED	FIXED		
12 230 - 13 200			
MARITIME MOBILE	MARITIME MOBILE		
5.109 5.110 5.132 5.145	5.109 5.110 5.132 5.145		
13 200 - 13 260			
AERONAUTICAL MOBILE (OR)	AERONAUTICAL MOBILE (OR)		
13 260 - 13 360			
AERONAUTICAL MOBILE (R)	AERONAUTICAL MOBILE (R)		

13 360 - 15 800 kHz

ITU Region 1 Allocations	South African Allocations	Typical Applications	Comments
13 360 - 13 410 FIXED RADIO ASTRONOMY 5.149	FIXED RADIO ASTRONOMY NF2 5.149		
13 410 - 13 570 FIXED Mobile except Aeronautical Mobile (R)	FIXED Mobile except Aeronautical Mobile (R)	ISM	Government Gazette No 31127, Notice No 713 Of 2008 and Government Gazette No 31290, Notice No 926 of 2008 refer

		13 553 - 13 567 kHz inductive loop including RFID and EAS Systems only	
5.150	5.150		
13 570 - 13 600			
BROADCASTING 5.134	BROADCASTING 5.134	Sound Broadcasting	
5.151	5.151		
13 600 - 13 800			
BROADCASTING	BROADCASTING	Sound Broadcasting	
13 800 - 13 870			
BROADCASTING 5.134	BROADCASTING 5.134	Sound Broadcasting	
5.151	5.151		

13 870 - 14 000			
FIXED	FIXED		
Mobile except Aeronautical Mobile (R)	Mobile except Aeronautical Mobile (R)		
14 000 - 14 250			
AMATEUR	AMATEUR		License Class A1 and A2 as per the Amateur Radio Regulations
AMATEUR-SATELLITE	AMATEUR-SATELLITE		
14 250 - 14 350			
AMATEUR	AMATEUR		License Class A1, A2 as per the Amateur Radio Regulations
5.152			
14 350 - 14 990			
FIXED	FIXED		

Mobile except Aeronautical Mobile (R)	Mobile except Aeronautical Mobile (R)		
14 990 - 15 005			
STANDARD FREQUENCY AND TIME SIGNAL (15 000 kHz) 5.111	STANDARD FREQUENCY AND TIME SIGNAL (15 000 kHz) 5.111		
15 005 - 15 010			
STANDARD FREQUENCY AND TIME SIGNAL	STANDARD FREQUENCY AND TIME SIGNAL		
Space Research	Space Research		
15 010 - 15 100			
AERONAUTICAL MOBILE (OR)	AERONAUTICAL MOBILE (OR)		
15 100 - 15 600			
BROADCASTING	BROADCASTING	Sound Broadcasting	
15 600 - 15 800			

BROADCASTING 5.134	BROADCASTING 5.134	Sound Broadcasting	
5.146	5.146		

15 800 – 19 995 kHz

ITU Region 1 Allocations	South African Allocations	Typical Applications	Comments
15 800 – 16 360 FIXED	FIXED		
16 360 – 17 410 MARITIME MOBILE 5.109 5.110 5.132 5.145	MARITIME MOBILE 5.109 5.110 5.132 5.145	DSC (GMDSS) Distress Watchkeeping on 16 804.5 kHz. Radio Telephony Distress Watch on 16 240 kHz Ship Station Radio Telegraphy	Distress Watchkeeping Channelized in Appendix 15 of the Maritime Safety Information Channelized in Appendix 17
17 410 – 17 480 FIXED	FIXED		
17 480 – 17 550 BROADCASTING 5.134	BROADCASTING 5.134	Sound Broadcasting	
5.146	5.146		

17 550 – 17 900			
BROADCASTING	BROADCASTING		
17 900 – 17 970			
AERONAUTICAL MOBILE (R)	AERONAUTICAL MOBILE (R)		
18 030 18 052			
FIXED	FIXED		
18 052 – 18 068			
FIXED	FIXED		
Space Research	Space Research		
18 068 – 18 168			
AMATEUR	AMATEUR		
AMATEUR SATELLITE			License Class A1 as per the Amateur Radio Regulations
5.154			

18 168 – 18 780			
FIXED	FIXED		
Mobile except Aeronautical Mobile	Mobile except Aeronautical Mobile		
18 780 – 18 900			
MARITIME MOBILE	MARITIME MOBILE		
18 900 – 19 020			
BROADCASTING 5.134	BROADCASTING 5.134		
5.146	5.146		
19 020 – 19 680			
FIXED	FIXED		
19 680 – 19 800			
MARITIME MOBILE	Maritime mobile		
5.132	5.132		
19 800 – 19 990			

FIXED	FIXED		
19 990- 19 995			
STANDARD FREQUENCY AND TIME SIGNAL (25 000 KHZ)	STANDARD FREQUENCY AND TIME SIGNAL (25 000 KHZ)		
Space Research	Space Research		
5.111	5.111		

19 995 - 25 005 kHz

ITU Region 1 Allocations	South African Allocations	Typical Applications	Comments
19 995 - 20 010			
STANDARD FREQUENCY AND TIME SIGNAL (20 000 kHz)	STANDARD FREQUENCY AND TIME SIGNAL (20 000 kHz)		
20 010 - 21 000			
FIXED	FIXED		
Mobile	Mobile		
21 000 - 21 450			
AMATEUR	AMATEUR		License Class A1 and A2 as per the Amateur Radio Regulations
AMATEUR-SATELLITE	AMATEUR-SATELLITE		
21 450 - 21 850			

BROADCASTING	BROADCASTING	Sound Broadcasting	
21 850 - 21 870			
FIXED 5.155A	FIXED		
5.155			
21 870 - 21 924			
FIXED 5.155B	FIXED 5.155B		
21 924 - 22 000			
AERONAUTICAL MOBILE (R)	AERONAUTICALMOBILE (R)		
22 000 - 22 855			
MARITIME MOBILE 5.132	MARITIME MOBILE		
5.156	5.132		
22 855 - 23 000			

FIXED	FIXED		
5.156			
23 000 - 23 200			
FIXED	FIXED		
Mobile except Aeronautical mobile (R)	Mobile except Aeronautical mobile (R)		
5.156			
23 200 - 23 350			
FIXED 5.156A	FIXED 5.156A		
AERONAUTICAL MOBILE (OR)	AERONAUTICAL MOBILE (OR)		
23 350 - 24 000			
FIXED	FIXED		

MOBILE except Aeronautical mobile 5.157	MOBILE except Aeronautical mobile 5.157		
24 000 - 24 890 FIXED LAND MOBILE	 FIXED LAND MOBILE		
24 890 - 24 990 AMATEUR AMATEUR-SATELLITE	 AMATEUR AMATEUR-SATELLITE		License Class A1 as per the Amateur Radio Regulations
24 990 - 25 005 STANDARD FREQUENCY AND TIME SIGNAL (25 000 kHz)	 STANDARD FREQUENCY AND TIME SIGNAL (25 000 kHz)		

25 005 kHz - 30 010 kHz

ITU Region 1 Allocations	South African Allocations	Typical Applications	Comments
25 005 - 25 010 STANDARD FREQUENCY AND TIME SIGNAL Space Research	STANDARD FREQUENCY AND TIME SIGNAL Space Research		
25 010 - 25 070 FIXED MOBILE except Aeronautical Mobile	FIXED MOBILE except Aeronautical Mobile		
25 070 - 25 210 MARITIME MOBILE	MARITIME MOBILE		
25 210 - 25 550 FIXED	FIXED		

MOBILE except Aeronautical Mobile	MOBILE except Aeronautical Mobile		
25 550 - 25 670			
RADIO ASTRONOMY	RADIO ASTRONOMY		
5.149	5.149		
25 670 - 26 100			
BROADCASTING	BROADCASTING	Sound Broadcasting	
26 100 - 26 175			
MARITIME MOBILE 5.132	MARITIME MOBILE 5.132		
26 175 - 27 500			

MOBILE except Aeronautical	MOBILE except Aeronautical	Single Frequency Mobile	Includes Frequency assignments for low power paging in 26.957 27.283 and CB radio in 27.184-27.275 CB radio in 27.184-27.275 - Government Gazette No 31290. Notice No 926 of 2008 refers
Mobile	Mobile	26.175 – 27.5 MHz Inductive loop system. 26.957-27.283 MHz Non-specific SRD's. 26.957-27.283 MHz Surface model control and ISM applications.	
FIXED	FIXED		
5.150	5.150		
27 500 - 28 000			

METEOROLOGICAL AIDS	METEOROLOGICAL AIDS	Radio Sounding	
FIXED	[FIXED]		
MOBILE	MOBILE		
28 000- 29 700			
AMATEUR	AMATEUR		License Class A1, A2 and B as per the Amateur Radio Regulations
AMATEUR-SATELLITE	AMATEUR-SATELLITE		
29 700 - 30 005			
FIXED	FIXED		
MOBILE	MOBILE NF3	29.7 – 29.99 MHz Single Frequency Mobile	
		Government Services	
30 005 - 30 010			

SPACE OPERATION (satellite identification)	SPACE OPERATION (satellite identification)		
FIXED	FIXED	Government Services	
MOBILE	MOBILE		
SPACE RESEARCH	SPACE RESEARCH		

PART B: 30 MHz - 390 MHz

30.01 – 40.98 MHz

ITU Region 1 Allocations	South African Allocations	Typical Applications	Comments
30.01 - 37.5			
FIXED			
MOBILE	MOBILE	Single Frequency Mobile 32 - 32.325 MHz	Government Services
		Mobile 1 MTX 32.325-33.675 MHz	Paired with 41.65 - 43 MHz
		Single Frequency Mobile 33.675-34.175 MHz	
		Mobile 2 MTX 34.175 – 35 MHz	Paired with 40.625 – 41.45 MHz
		Model Aircraft Control 35 – 35.5 MHz	Exclusive use by Model Aircraft Control
		Wireless microphone 36.65 – 36.75 MHz	Government Gazette No 31290, Notice No 926 of 2008 refers

		Single Frequency Mobile 33.25 - 33.5 MHz	
		Mobile 3 BTX 35.5 – 36.825 MHz	Paired with 38.5 – 39.825 MHz
		Single Frequency Mobile 36.825 – 38.5 MHz	Government Services
37.5 - 38.25			
FIXED			
MOBILE	MOBILE	Single Frequency 36.825 – 38.5 MHz	
Radio astronomy 5.149	Radio Astronomy 5.149		
38.25 - 39.986			
FIXED			
MOBILE	MOBILE	Single Frequency Mobile 36.825 – 38.5 MHz	Government Services
		Mobile 3 MTX 38.5 – 39.825 MHz	Paired with 35.5 – 36.825 MHz

		Single Frequency Mobile 39.825 – 40.625 MHz	
39.986 - 40.02			
FIXED			
MOBILE	MOBILE	Single Frequency Mobile 39.825 – 40.625 MHz	
Space research			
40.02 - 40.98			
FIXED			
MOBILE	MOBILE	Single Frequency Mobile 39.825 – 40.625 MHz	
		Mobile 2 BTX 40.625 – 41.45 MHz	Paired with 34.175 – 35
		Wireless microphones 40.65 – 40.7 MHz	Government Gazette No 31290, Notice No 926 of 2008 refers.

5.150	5.150	Non specific SRD's 40.66 – 40.7 MHz ISM	40.66 - 40.7 MHz (RR Footnote 5.150 refers)
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40.98 – 75.2 MHz

ITU Region 1 Allocations	South African Allocations	Typical Applications	Comments
40.98 - 41.015			
FIXED			
MOBILE	MOBILE	Mobile 2 BTX 40.625 – 41.45 MHz	Paired with 34.175 – 35 MHz
Space research	Space Research		
5.160			
41.015 – 44			
FIXED			
MOBILE	MOBILE	Mobile 2 BTX 40.625 – 41.45 MHz	Paired with 34.175 - 35 MHz
		Single Frequency Mobile 41.45 – 41.65 MHz	
		Mobile 1 BTX 41.65 - 43 MHz	Paired with 32.325 – 33.675 MHz

5.160		Government Services	
44 - 47 MHz			
FIXED	FIXED	Meteor Burst 45.3 - 46.9	Paired with 47.5 – 49.1 MHz
MOBILE	MOBILE	CT0 Cordless Telephones BTX 46.61 - 46.97 MHz	10 frequency pairs assigned to CT0. Paired with 49.67 - 49.97 MHz. Government Gazette No 31290, Notice No 926 of 2008 refers
5.162A		Government Services	
47- 68 MHz			
BROADCASTING	FIXED 5.171	CT0 Cordless Telephones MTX 49.67 - 49.97 MHz	10 frequency pairs assigned to CT0. Paired with 49.67 - 49.97 MHz. Government Gazette No 26193, Notice No 533 of 24 March 2004 refers

	54 – 68 MHz MOBILE 5.171	Government Service Wireless microphones 53 -54 MHz Model Control 54 - 54.325 MHz Single Frequency Mobile 54 - 54.325 MHz Mobile 1 BTX 54.325 - 54.45 MHz Mobile 2 BTX 55.45 - 56.85 MHz Single Frequency Mobile 56.85 - 58.5 MHz Mobile 2 MTX 58.5 - 59.9 MHz Mobile 1 MTX 59.9 - 60.025 MHz Sport Stadium Communication on 62.8 and 62.850 MHz 66 - 68 MHz National Emergency Alarm Radio (NEAR)	Government Gazette No 31290, Notice No 926 of 2008 refers Paired with 59.9 - 60.025 MHz Paired with 58.5 - 59.9 MHz Paired with 55.45 - 56.85 MHz Paired with 54.325 - 54.45 MHz
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5.162A 5.163 5.164 5.165 5.169 5.171	AMATEUR 5.169 5.164	Amateur Radio Communication 50 - 54 MHz	License Class A1,A2 as per the Amateur Radio Regulations
68 - 74.8 MHz FIXED MOBILE except Aeronautical Mobile	MOBILE except Aeronautical Mobile	Single Frequency Mobile 68 - 69.25 MHz Mobile 1 BTX 69.25 – 70 MHz Mobile 2 BTX 70-70.975 MHz Single Frequency Mobile 70.975 - 71.475 MHz Mobile 3 BTX 71.475 - 72.525 MHz	 Paired with 76.175 - 76.925 MHz Paired with 75.2 - 76.175 MHz Current assignments for fire fighting Paired with 76.925 - 77.975 MHz

5.149 5.175 5.177 5.179	AMATEUR NF4 Radio astronomy on 73 - 74.6 MHz 5.149	Single Frequency Mobile 72.525 - 73.425 MHz Mobile 4 BTX 73.425 - 74.8 MHz Amateur Radio Communication 70 - 70.3 MHz	Paired with 78.625 - 80 MHz License Class A1,A2,B as per the Amateur Radio Regulations
74.8 - 75.2 MHz AERONAUTICAL RADIONAVIGATION 5.180 5.181	AERONAUTICAL RADIONAVIGATION 5.180	Instrument Landing System markers 74.80-75.20 MHz	