



Bandplans

<u>10 Meters</u>	<u>70 Centimeters</u>
<u>6 Meters</u>	<u>33 Centimeters</u>
<u>2 Meters</u>	<u>23 Centimeters</u>
<u>1-1/4 Meters</u>	<u>13 Centimeters</u>

10 Meter Band Plan

Frequency	Usage
28.000 - 28.070	CW
28.070 - 28.150	Digital and CW
28.120 - 28.189	Digital/Packet and CW
28.190 - 28.225	CW and Beacons
28.200 - 28.300	CW and Beacons
28.300 - 29.300	SSB
28.680	SSTV
29.300 - 29.510	Satellites
29.510 - 29.590	FM Repeater Inputs
29.60	FM Simplex Calling Frequency
29.61 - 29.69	FM Repeater Outputs

6 Meter Band Plan

Frequency	Usage

50.000 - 50.100	CW, Beacons
50.100 - 50.300	SSB, CW
50.100 - 50.125	DX Window
50.125	SSB Calling Frequency
50.300 - 50.600	All Modes
50.600 - 50.800	Digital
50.800 - 51.000	Remote Control
51.000 - 51.100	Pacific DX Window
51.120 - 51.180	Digital
51.200 - 51.480	FM Repeater Inputs
51.500 - 51.600	FM Simplex
51.620 - 51.680	Digital
51.700 - 51.980	FM Repeater Outputs
52.020 - 52.040	FM Simplex
52.060 - 52.480	FM Repeater Inputs
52.525	FM Simplex Calling Frequency
52.540	FM Simplex
52.560 - 52.980	FM Repeater Outputs
53.000 - 53.020	FM Simplex
53.040 - 53.480	FM Repeater Inputs
53.100	Remote Control
53.200	Remote Control
53.300	Remote Control
53.400	Remote Control
53.500	Remote Control
53.520	FM Simplex
53.540 - 53.980	FM Repeater Outputs
53.600	Remote Control
53.700	Remote Control
53.800	Remote Control
53.900	FM Simplex

2 Meter Band Plan

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Frequency	Usage
144.000 - 144.050	CW/EME
144.050 - 144.100	CW and Weak Signal
144.100 - 144.200	CW and Weak Signal SSB
144.200	SSB Calling Frequency
144.200 - 144.275	SSB
144.275 - 144.300	Propagation Beacons
144.300 - 144.500	Satellite/OSCAR
144.500 - 144.900	FM Repeater Inputs
144.900 - 145.100	Weak Signal, FM Simplex, Digital/Packet
145.100 - 145.500	FM Repeater Outputs
145.500 - 145.800	Miscellaneous and Experimental Modes
145.800 - 146.000	Satellite/OSCAR
146.010 - 146.370	FM Repeater Inputs
146.400 - 146.580	FM Simplex
146.610 - 147.390	FM Repeater Outputs
147.420 - 147.570	FM Simplex
147.600 - 147.990	FM Repeater Inputs

1-1/4 Meter Band Plan

Frequency	Usage
222.000 - 222.025	EME
222.050 - 222.060	Propagation Beacons
222.100	CW and SSB Calling Frequency
222.100 - 222.150	CW and SSB Weak Signal
222.150 - 222.250	Local Coordinators Option
222.250 - 223.380	FM Repeater Inputs
223.400 - 223.520	FM Voice Simplex
223.520 - 223.640	Digital/Packet
223.640 - 223.700	Links and Control
223.710 - 223.850	Local Coordinators Option
223.850 - 224.980	FM Repeater Outputs

70 Centimeter Band Plan

Frequency	Usage
420.000 - 426.000	ATV, Control Links and Experimental
426.000 - 432.000	ATV Simplex
430.050 - 430.950	Digital/Packet, 100 khz bandwidth channels
431.025 - 430.950	Digital/Packet, 25 khz bandwidth channel
432.000 - 432.070	EME
432.070 - 432.100	CW Weak Signal
432.100	SSB Calling Frequency
432.100 - 432.300	Mixed Mode and Weak Signal
432.300 - 432.400	Propagation Beacons
432.400 - 433.000	Mixed Mode and Weak Signal
433.000 - 435.000	Auxiliary and Repeater Links
435.000 - 438.000	Satellite
438.000 - 444.000	ATV Repeater Input and FM Repeater Links
440.975 - 441.075	Digital/Packet, 25 khz bandwidth channel
442.000 - 445.000	FM Repeater Inputs and Outputs (local option)
445.000 - 447.000	Auxiliary and Control Links, Simplex, FM Repeater Inputs and Outputs (local option)
447.000 - 450.000	FM Repeater Inputs and Outputs (local option)

33 Centimeter Band Plan

Frequency	Usage
902.0000 — 902.2875	SSTV, FAX, ACSSB, Experimental
902.2125 — 902.4625	Auxiliary FM Duplex Link Input Frequency Pairs
902.4875 — 902.7000	FM Repeater Inputs & designated simplex (25 MHz split - 12.5 KHz spacing)
902.5000 -	FM Simplex Calling Channel (1 of 2)
902.7375 — 903.0500	EME Exclusive
903.0700 —	CW Beacons

903.0800	
903.1000 -	CW, SSB Calling Frequency
903.4000 — 903.6000	Cross Band Linear Translator Inputs
903.6000 — 903.8000	Cross Band Linear Translator Outputs
903.8000 — 904.0000	Experimental Beacons Exclusive
904.0000 — 906.0000	Digital Communications
906.0000 — 907.0000	Narrow Band FM Simplex (grandfathered system - 25 KHz channels)
906.5000 -	Old National Calling Frequency (grandfathered)
907.0000 — 910.0000	FM Repeater Inputs (12 MHz split - 100 KHz spacing)
910.0000 — 916.0000	ATV
916.0000 — 918.0000	Digital Communications
918.0000 — 919.0000	Narrow Band FM Control Links/Remote Bases
919.0000 — 922.0000	FM Repeater Outputs (12 MHz split - 100 KHz spacing)
927.0125 — 927.9875	Auxiliary Simplex & Link Frequencies
927.2125 — 927.4625	Auxiliary FM Duplex Link Input Frequency Pairs
927.4875 — 927.7000	FM Repeater Outputs & designated simplex (25 MHz split - 12.5 KHz spacing)
927.5000 -	FM Simplex Calling Channel (2 of 2)
927.7375 — 927.7875	Old FM Voice Simplex Channels (grandfathered)
922.0000 — 928.0000	Wideband Experimental, ATV, Simplex, Spread Spectrum

20 FM Repeater Pairs

12.5 KHz spacing between channels, 25 MHz Duplex in/out

902.4875 - 927.4875 Itinerant repeater allocation

Reserved for itinerant and short term use during a special event or emergency with no formal coordination required. Trustees/Owners are encouraged to notify their local coordinator to inform them of system parameters and expected duration of use.

Regular FM Repeater Service — assignable in order

1 st pair - 902.5125 - 927.5125	2 nd pair - 902.5250 - 927.5250	3 rd pair - 902.5375 - 927.5375
4 th pair - 902.5500 - 927.5500	5 th pair - 902.5625 - 927.5625	6 th pair - 902.5750 - 927.5750
7 th pair - 902.5875 - 927.5875	8 th pair - 902.6000 - 927.6000	9 th pair - 902.6125 - 927.6125
10 th pair - 902.6250 - 927.6250	11 th pair - 902.6375 - 927.6375	12 th pair - 902.6500 - 927.6500
13 th pair - 902.6625 - 927.6625	14 th pair - 902.6750 - 927.6750	15 th pair - 902.6875 - 927.6875
16 th pair - 902.7000 - 927.7000		

29 FM Repeater Pairs

100 KHz spacing between channels, 12 MHz Duplex in/out

907.100 - 919.100 Itinerant repeater allocation

907.200 - 919.200 Itinerant repeater allocation

Reserved for itinerant and short term use during a special event or emergency with no formal coordination required. Trustees/Owners are encouraged to notify their local coordinator to inform them of system parameters and expected duration of use.

Regular FM Repeater Service — assignable in order

1 st pair - 907.300 - 919.300	2 nd pair - 907.400 - 919.400	3 rd pair - 907.500 - 919.500
4 th pair - 907.600 - 919.600	5 th pair - 907.700 - 919.700	6 th pair - 907.800 - 919.800
7 th pair - 907.900 - 919.900	8 th pair - 908.000 - 920.000	9 th pair - 908.100 - 920.100
10 th pair - 908.200 - 920.200	11 th pair - 908.300 - 920.300	12 th pair - 908.400 - 920.400
13 th pair - 908.500 - 920.500	14 th pair - 908.600 - 920.600	15 th pair - 908.700 - 920.700
16 th pair - 908.800 - 920.800	17 th pair - 908.900 - 920.900	18 th pair - 909.000 - 921.000
19 th pair - 909.100 - 921.100	20 th pair - 909.200 - 921.200	21 st pair - 909.300 - 921.300
22 nd pair - 909.400 - 921.400	23 rd pair - 909.500 - 921.500	24 th pair - 909.600 - 921.600
25 th pair - 909.700 - 921.700	26 th pair - 909.800 - 921.800	27 th pair - 909.900 - 921.900

FM Voice Simplex Channels

902.5000

927.5000

906.5000 (old national — retained under grandfather clause)

927.7500 (old plan — retained under grandfather clause)

32 Auxiliary Simplex Link Frequencies

Specific Vertical or Horizontal Antenna Polarization Required

12.5 KHz spacing between channels

vertical 927.0125

horizontal 927.0250

vertical 927.0375

horizontal 927.0500

vertical 927.0625	horizontal 927.0750	vertical 927.0875	horizontal 927.1000
vertical 927.1125	horizontal 927.1250	vertical 927.1375	horizontal 927.1500
vertical 927.1625	horizontal 927.1750	vertical 927.1875	horizontal 927.2000
vertical 927.8000	horizontal 927.8125	vertical 927.8250	horizontal 927.8375
vertical 927.8500	horizontal 927.8625	vertical 927.8750	horizontal 927.8875
vertical 927.9000	horizontal 927.9125	vertical 927.9250	horizontal 927.9375
vertical 927.9500	horizontal 927.9625	vertical 927.9750	horizontal 927.9875

22 Auxiliary Duplex Link Frequency Pairs

Specific Vertical or Horizontal Antenna Polarization *Required*
12.5 KHz spacing between channels with 25 MHz duplex in/out

vertical 902.2125 - 927.2125	horizontal 902.2250 - 927.2250	vertical 902.2375 - 927.2375
vertical 902.2500 - 927.2500	horizontal 902.2625 - 927.2625	vertical 902.2750 - 927.2750
vertical 902.2875 - 927.2875	horizontal 902.3000 - 927.3000	vertical 902.3125 - 927.3125
vertical 902.3250 - 927.3250	horizontal 902.3375 - 927.3375	vertical 902.3500 - 927.3500
vertical 902.3625 - 927.3625	horizontal 902.3750 - 927.3750	vertical 902.3875 - 927.3875
vertical 902.4000 - 927.4000	horizontal 902.4125 - 927.4125	vertical 902.4250 - 927.4250
vertical 902.4375 - 927.4375	horizontal 902.4500 - 927.4500	vertical 902.4625 - 927.4625
vertical 902.4750 - 927.4750		

Digital Packet Simplex Channels

904.000 to 906.000 MHz - channel every 25 KHz

916.000 to 918.000 MHz - channel every 25 KHz

23 Centimeter Band Plan

Frequency	Usage
1240.000 - 1246.000	ATV #1
1246.000 - 1248.000	FM Narrowband Links and Digital
1248.000 - 1252.000	ATV #2
1249.000	Digital/Packet, 2 mhz bandwidth channel
1251.000	Digital/Packet, 2 mhz bandwidth channel
1258.000 - 1260.000	FM Narrowband Links and Digital
1260.000 - 1270.000	Satellite Uplinks, Experimental and Simplex ATV
1270.000 - 1276.000	FM Repeater Inputs

1276.000 - 1282.000	ATV #3
1282.000 - 1288.000	FM Repeater Outputs
1288.000 - 1294.000	Wideband Experimental and Simplex ATV
1294.025 - 1294.175	Digital/Packet, 26 khz bandwidth channel
1294.100	Digital/Packet Calling Frequency
1294.200 - 1295.000	FM Simplex (narrowband)
1294.500	FM Simplex Calling Frequency
1295.000 - 1297.000	Weak Signal (no FM)
1295.000 - 1295.800	STV, FAX, ACSB Experimental
1295.800 - 1296.000	EME and CW
1296.000 - 1296.050	EME Only
1296.070 - 1296.080	CW Beacons
1296.100	CW/SSB Calling Frequency
1296.400 - 1296.600	Crossband Linear Translator Output
1296.800 - 1297.000	Experimental Beacons
1297.000 - 1300.000	Digital/Packet
1298.000	Digital/Packet, 2 mhz bandwidth channel
1299.050 - 1299.950	Digital/Packet, 100 khz bandwidth channel

13 Centimeter Band Plan

Frequency	Usage
2300.000 - 2303.000	High Rate Data

2303.000 - 2303.500	Digital/Packet
2303.500 - 2303.800	TTY and Packet
2303.800 - 2303.900	Packet, TTY, CW and EME
2303.900 - 2304.100	CW and EME
2304.100	Calling Frequency
2304.100 - 2304.200	CW, EME and SSB
2304.200 - 2304.300	SSB, SSTV, ACSSB, FAX, Packet, AM and AMTOR
2304.300 - 2304.320	Propagation Beacon Network
2304.320 - 2304.400	Propagation Beacons
2304.400 - 2304.500	SSB, SSTV, ACSSB, FAX, Packet, AM, AMTOR and Experimental
2304.500 - 2304.700	Crossband Linear Translator Input
2304.700 - 2304.900	Crossband Linear Translator Output
2304.900 - 2305.000	Experimental Beacons
2305.000 - 2306.000	FM Simplex
2305.200	FM Simplex Calling Frequency
2306.000 - 2309.000	FM Repeater Inputs
2309.000 - 2310.000	Control and Auxiliary Links
2390.000 - 2396.000	Fast Scan TV
2396.000 - 2399.000	High-rate Data
2399.000 - 2399.500	Digital/Packet
2399.500 - 2400.000	Control and Auxiliary Links

