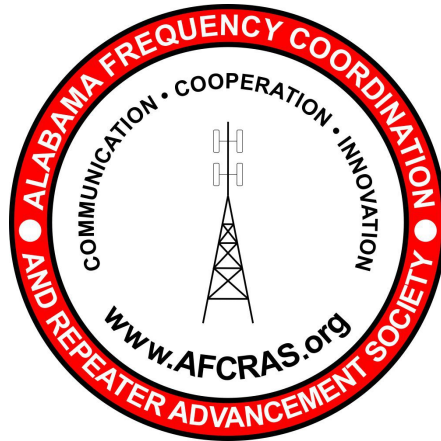


# Alabama Frequency Coordination & Repeater Advancement Society



## Frequency Utilization Plan: 1.25M (222-225 MHz) Spectrum

*Revision 20180206a  
Approved and Adopted February 13, 2018*

## 222 - 225 Spectrum Utilization General Overview

222.000 - 222.015	Guard Band (15 KHz)
222.015 - 222.050	EME - (Earth/Moon/Earth) (50 KHz)
222.050 - 222.060	Propagation Beacons (10 KHz)
222.060 - 222.100	Weak Signal CW/Experimental (40 KHz)
222.100	CW/SSB Calling Frequency
222.100 - 222.200	Weak Signal CW/SSB (100 KHz)
222.200 - 222.350	Repeater Control/Link Frequency (150 KHz)
222.350 - 222.450	Hi Speed Digital w/222.40 Center (100 KHz)
222.450 - 222.460	Propagation Beacons (10 KHz)
222.460 - 222.490	EME/Weak Signal/Experimental (30 KHz)
222.500 - 223.380	FM Repeater Inputs (880 KHz with 20 KHz spacing)
223.400 - 223.640	FM Simplex Voice (240 KHz)
223.660 - 223.780	Digital Channels (120 KHz with 20 KHz spacing)
223.800 - 223.900	Hi Speed Digital w/223.85 center (100 KHz)
223.910 - 224.080	Control & Link Frequencies (170 KHz)
224.100 - 224.980	FM Repeater Outputs (880 KHz with 20 KHz spacing)
224.990 - 225.000	Guard Band (10 KHz)

---

### **Repeater Control/Link Frequencies, Block 1 of 2, 222.200 - 222.350 MHz** *20 KHz channel spacing*

222.220  
222.240  
222.260  
222.280  
222.300  
222.320  
222.340

---

### **Repeater Control/Link Frequencies, Block 2 of 2, 223.910 - 224.080 MHz** *20 KHz channel spacing*

223.920  
223.940  
223.960  
223.980  
224.000  
224.020  
224.040  
224.060

**Repeater Pairs from 222.500 - 224.980 MHz**  
*20 KHz channel spacing, 1.6 MHz in/out*

222.500 - 224.100  
222.520 - 224.120  
222.540 - 224.140  
222.560 - 224.160  
222.580 - 224.180  
222.600 - 224.200  
222.620 - 224.220  
222.640 - 224.240  
222.660 - 224.260  
222.680 - 224.280  
222.700 - 224.300  
222.720 - 224.320  
222.740 - 224.340  
222.760 - 224.360  
222.780 - 224.380  
222.800 - 224.400  
222.820 - 224.420  
222.840 - 224.440  
222.860 - 224.460  
222.880 - 224.480  
222.900 - 224.500  
222.920 - 224.520  
222.940 - 224.540  
222.960 - 224.560  
222.980 - 224.580  
223.000 - 224.600  
223.020 - 224.620  
223.040 - 224.640  
223.060 - 224.660  
223.080 - 224.680  
223.100 - 224.700  
223.120 - 224.720  
223.140 - 224.740  
223.160 - 224.760  
223.180 - 224.780  
223.200 - 224.800  
223.220 - 224.820  
223.240 - 224.840  
223.260 - 224.860  
223.280 - 224.880  
223.300 - 224.900  
223.320 - 224.920  
223.340 - 224.940  
223.360 - 224.960  
223.380 - 224.980

## **FM Voice Simplex Frequencies**

223.400  
223.420  
223.440  
223.460  
223.480  
223.500 \*      *National FM Voice Simplex Calling Frequency*  
223.520  
223.540  
223.560  
223.580  
223.600  
223.620  
223.640

---

## **Packet/Digital Simplex Frequencies**

223.660  
223.680  
223.700  
223.720  
223.740  
223.760  
223.780

---

## **High Speed Digital Channels**

*100 KHz Bandwidth*

222.350 - 222.450 (222.400 Center)  
223.800 - 223.900 (223.850 Center)