

Frequency Stability (47 CFR 2.1055; 90.213a)

November 10, 2005

Mobile stations below 2W output power must have an absolute frequency stability of **50 ppm** when operating with a 20 kHz bandwidth.

Test in accordance to conditions called out in Part 2.995 (a) (1): Frequency stability must be measured from **-30 to 50 degrees centigrade for (b) steps of 10 degrees** Allowing for thermal equilibrium, the measurement was performed after the desired temperature was maintained for 30 minutes.

Temperature (degree C)	Frequency (Mhz)	Frequency Delta (kHz)	Frequency Delta (PPM)
-30	154.540180	0.130	0.8
-20	154.540100	0.050	0.3
-10	154.540250	0.200	1.3
0	154.540380	0.330	2.1
10	154.540450	0.400	2.6
20	154.540250	0.200	1.3
30	154.540100	0.050	0.3
40	154.540000	0.050	0.3
50	154.539800	0.250	1.6
(Reference) 24	154.540050	0.000	0.0