

6.5 Conducted Spurious Emissions at Antenna Terminals – Pursuant to 47 CFR 2.1051

25 kHz channels must meet: $43 + 10 \log P$ (dbc). 12.5 kHz channels must meet $50 + 10 \log P$ (dbc).

Transmitter 1

Test Freq (MHz)	Spur Freq (MHz)	Spur Desc	Spur Level (dbc)	Min FCC Spec (dbc)
40.125	80.250	2 nd harmonic	-55.25	-53
130.125	260.250	2 nd harmonic	-60.0	-54.8
	390.375	3 rd harmonic	-68.0	
156.80	313.600	2 nd harmonic	-63.5	-53 / -60
158.125	316.250	2 nd harmonic	-63.3	-53 / -60
460.125	920.250	2 nd harmonic	-61.0	-53 / -60
	1380.375	3 rd harmonic	-73.1	
	1840.500	4 th harmonic	-78.1	
	458.804	Spur	-64.8	
	461.451	Spur	-68.2	
820.125	1640.250	2 nd harmonic	-60.0	-53 / -60
	2460.375	3 rd harmonic	-70.6	
	817.443	Spur	-70.0	
	822.817	Spur	-72.4	
867.125	1734.250	2 nd harmonic	-63.8	-53 / -60
	2601.375	3 rd harmonic	-66.8	
	864.483	Spur	-73.5	
	869.767	Spur	-72.5	
897.125	1794.250	2 nd harmonic	-64.7	-53 / -60
	2691.375	3 rd harmonic	-74.7	
	3588.500	4 th harmonic	-87.8	
	4485.625	5 th harmonic	-79.7	
	891.680	Spur	-74.0	
937.125	1874.250	2 nd harmonic	-71.0	-53 / -60
	2811.375	3 rd harmonic	-77.0	
	931.660	Spur	-74.0	
	942.570	Spur	-74.0	

Transmitter 2

Test Freq (MHz)	Spur Freq (MHz)	Spur Desc	Spur Level (dbc)	Min FCC Spec (dbc)
136.125	272.250	2 nd harmonic	-62.5	-53 / -60
155.125	310.250	2 nd harmonic	-67.0	
173.125	346.250	2 nd harmonic	-62.7	

Transmitter 3

Test Freq (MHz)	Spur Freq (MHz)	Spur Desc	Spur Level (dbc)	Min FCC Spec (dbc)
450.125	900.250	2 nd harmonic	-62.8	-49 / -56
485.125	970.250	2 nd harmonic	-67.5	
511.125	1022.250	2 nd harmonic	-69.0	

Transmitter 4

Test Freq (MHz)	Spur Freq (MHz)	Spur Desc	Spur Level (dbc)	Min FCC Spec (dbc)
815.125	1630.250	2 nd harmonic	-67.2	-47.8 / -54
859.125	1718.250	2 nd harmonic	-63.6	
	2577.375	3 rd harmonic	-75.2	