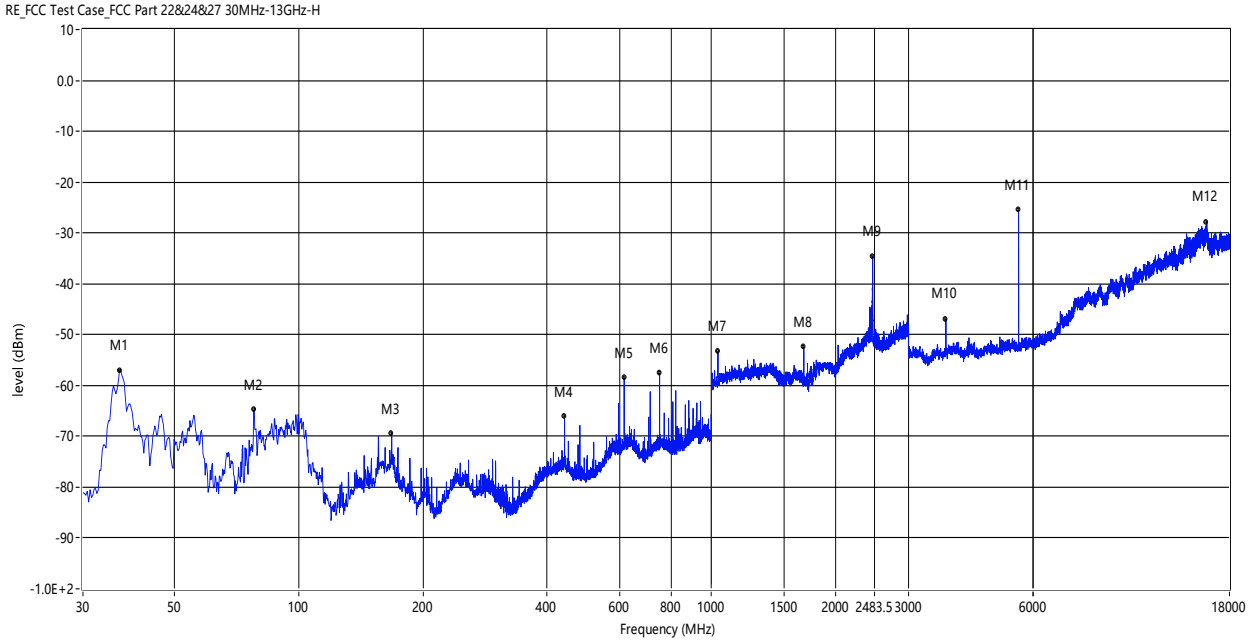
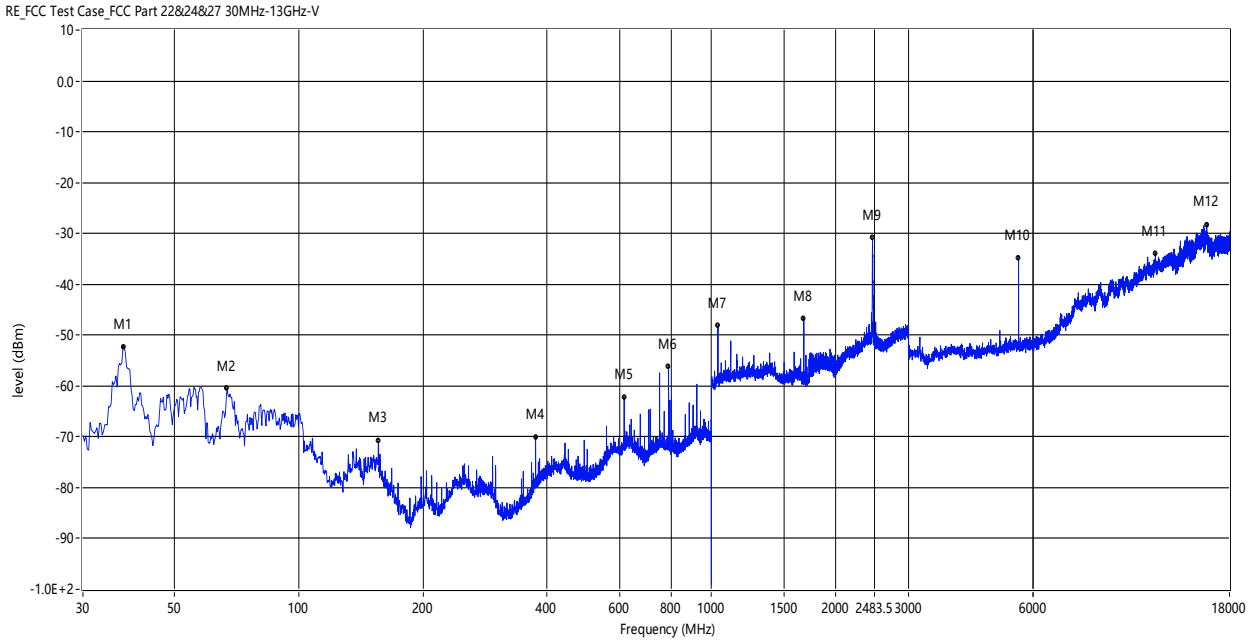
Transmitter Radiated Spurious Emission

Band 2_1.4M_1#0_QPSK_Low_Horizontal



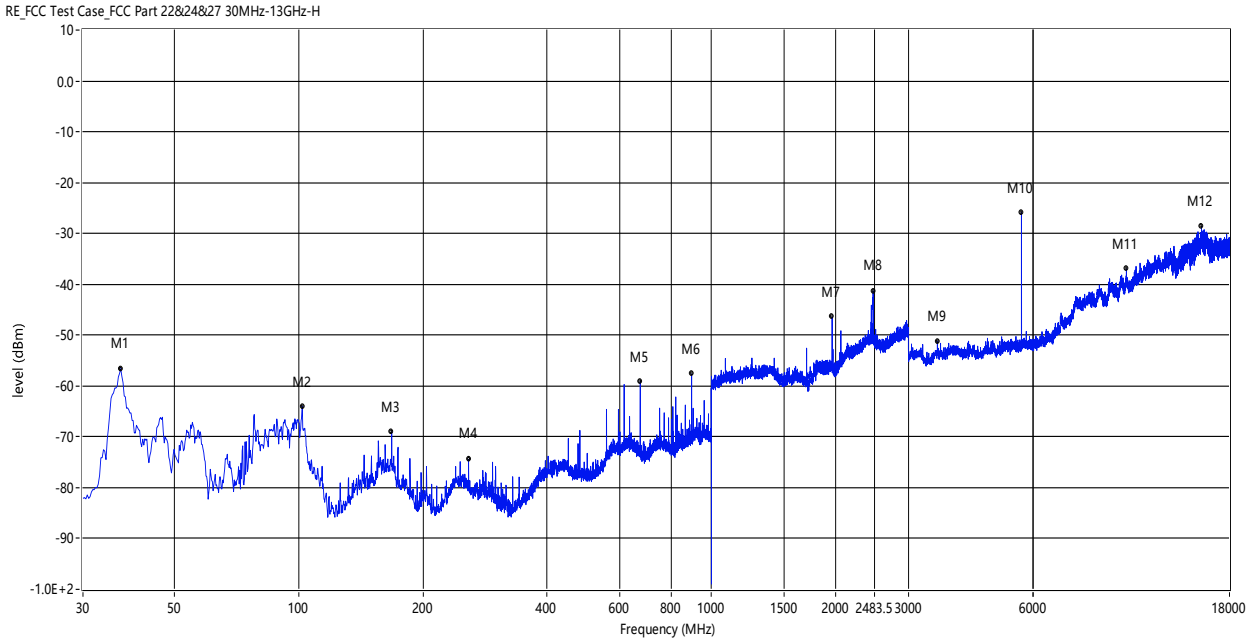
Frequency (MHz)	Result (dBm)	Limit (dBm)	Over Limit (dB)	ANT	Verdict
36.790	-57.05	-13.0	-44.05	Horizontal	Pass
77.772	-64.82	-13.0	-51.82	Horizontal	Pass
167.982	-69.47	-13.0	-56.47	Horizontal	Pass
440.552	-66.06	-13.0	-53.06	Horizontal	Pass
614.425	-58.47	-13.0	-45.47	Horizontal	Pass
749.013	-57.56	-13.0	-44.56	Horizontal	Pass
1037.000	-53.34	-13.0	-40.34	Horizontal	Pass
1674.000	-52.41	-13.0	-39.41	Horizontal	Pass
2459.000	-34.60	-13.0	-21.60	Horizontal	Pass
3700.000	-46.91	-13.0	-33.91	Horizontal	Pass
5550.000	-25.49	-13.0	-12.49	Horizontal	Pass
15816.250	-28.03	-13.0	-15.03	Horizontal	Pass

Band 2_1.4M_1#0_QPSK_Low_Vertical



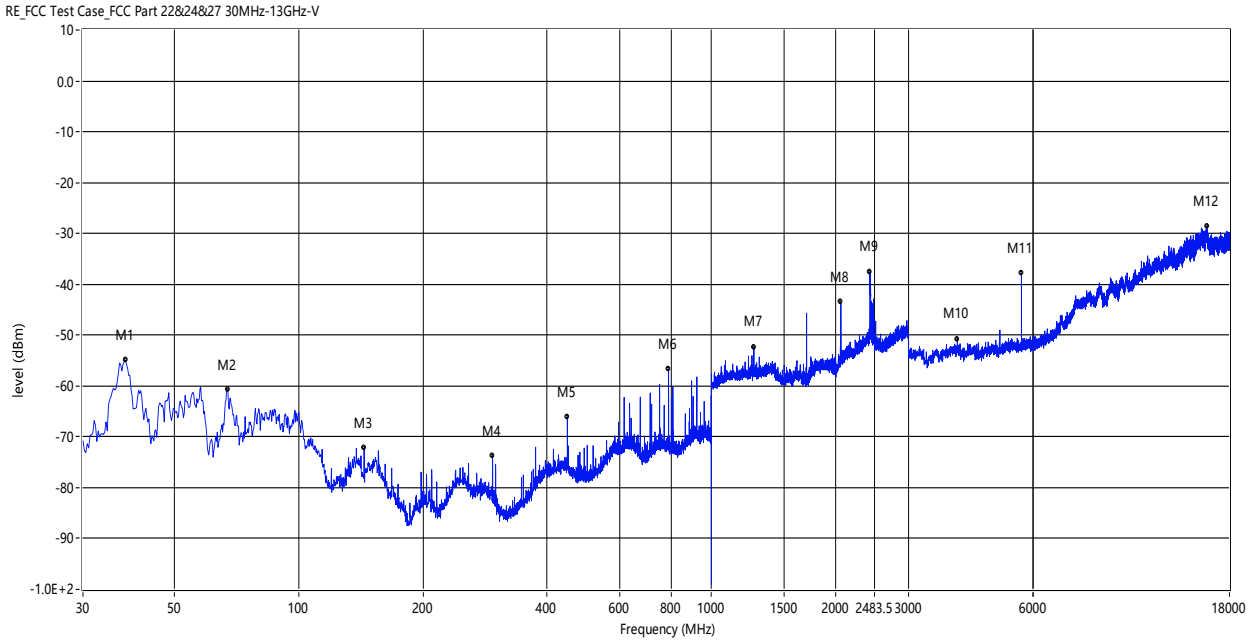
Frequency (MHz)	Result (dBm)	Limit (dBm)	Over Limit (dB)	ANT	Verdict
37.760	-52.39	-13.0	-39.39	Vertical	Pass
67.103	-60.42	-13.0	-47.42	Vertical	Pass
155.858	-70.82	-13.0	-57.82	Vertical	Pass
375.078	-70.03	-13.0	-57.03	Vertical	Pass
614.425	-62.24	-13.0	-49.24	Vertical	Pass
787.327	-56.24	-13.0	-43.24	Vertical	Pass
1037.000	-48.19	-13.0	-35.19	Vertical	Pass
1674.000	-46.73	-13.0	-33.73	Vertical	Pass
2456.000	-30.97	-13.0	-17.97	Vertical	Pass
5550.000	-34.81	-13.0	-21.81	Vertical	Pass
11912.500	-33.98	-13.0	-20.98	Vertical	Pass
15855.000	-28.34	-13.0	-15.34	Vertical	Pass

Band 2_1.4M_1#0_QPSK_Mid_Horizontal



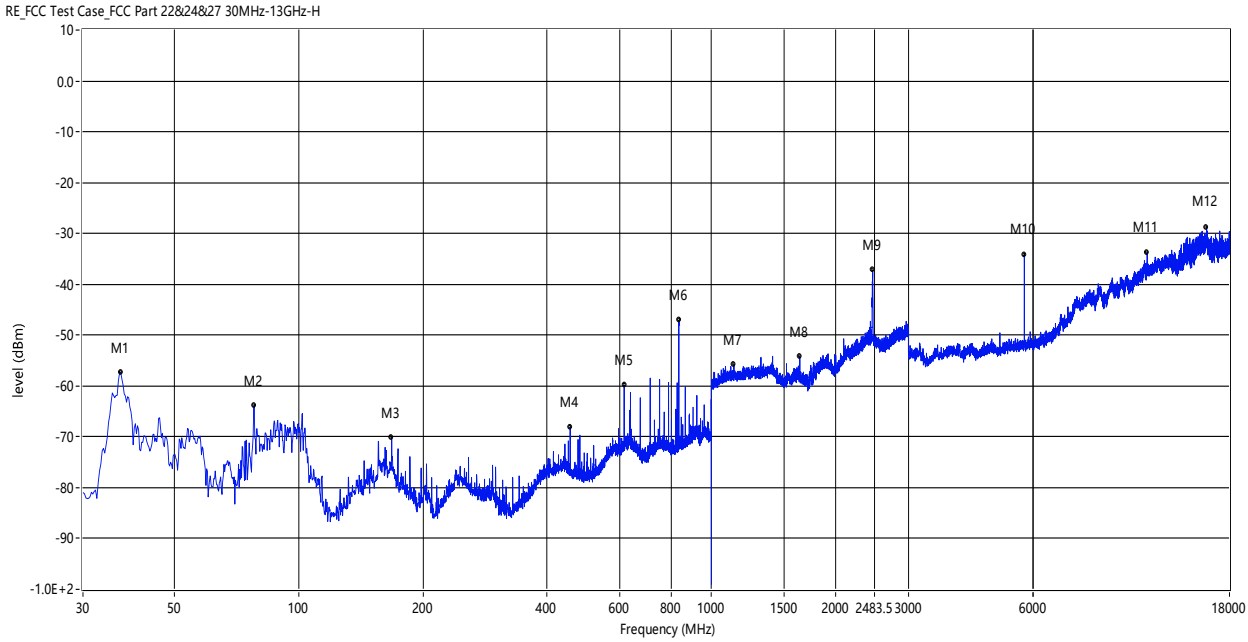
Frequency (MHz)	Result (dBm)	Limit (dBm)	Over Limit (dB)	ANT	Verdict
37.032	-56.59	-13.0	-43.59	Horizontal	Pass
102.022	-63.99	-13.0	-50.99	Horizontal	Pass
167.982	-69.02	-13.0	-56.02	Horizontal	Pass
257.950	-74.41	-13.0	-61.41	Horizontal	Pass
672.140	-59.13	-13.0	-46.13	Horizontal	Pass
895.482	-57.64	-13.0	-44.64	Horizontal	Pass
1960.000	-46.42	-13.0	-33.42	Horizontal	Pass
2466.000	-41.31	-13.0	-28.31	Horizontal	Pass
3527.500	-51.19	-13.0	-38.19	Horizontal	Pass
5637.500	-25.87	-13.0	-12.87	Horizontal	Pass
10125.000	-36.96	-13.0	-23.96	Horizontal	Pass
15396.250	-28.64	-13.0	-15.64	Horizontal	Pass

Band 2_1.4M_1#0_QPSK_Mid_Vertical



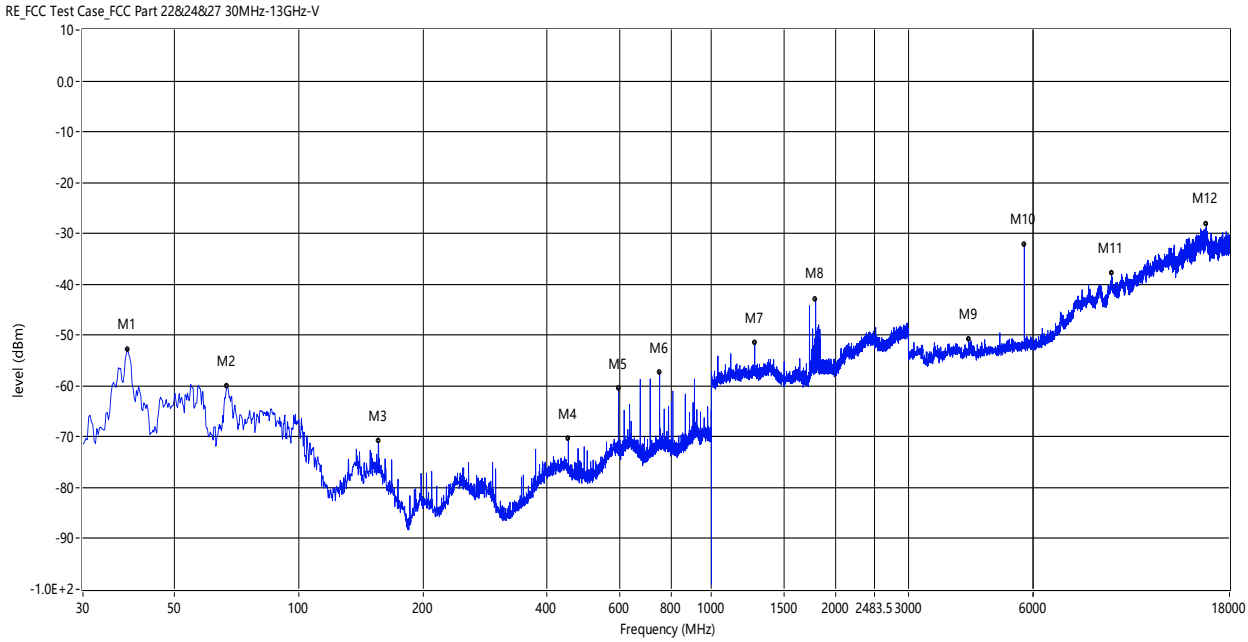
Frequency (MHz)	Result (dBm)	Limit (dBm)	Over Limit (dB)	ANT	Verdict
38.002	-54.98	-13.0	-41.98	Vertical	Pass
67.345	-60.74	-13.0	-47.74	Vertical	Pass
143.975	-72.19	-13.0	-59.19	Vertical	Pass
294.810	-73.71	-13.0	-60.71	Vertical	Pass
447.585	-66.18	-13.0	-53.18	Vertical	Pass
787.327	-56.76	-13.0	-43.76	Vertical	Pass
1267.000	-52.33	-13.0	-39.33	Vertical	Pass
2059.000	-43.52	-13.0	-30.52	Vertical	Pass
2421.500	-37.48	-13.0	-24.48	Vertical	Pass
3942.500	-50.78	-13.0	-37.78	Vertical	Pass
5637.500	-37.91	-13.0	-24.91	Vertical	Pass
15853.750	-28.69	-13.0	-15.69	Vertical	Pass

Band 2_1.4M_1#5_QPSK_High_Horizontal



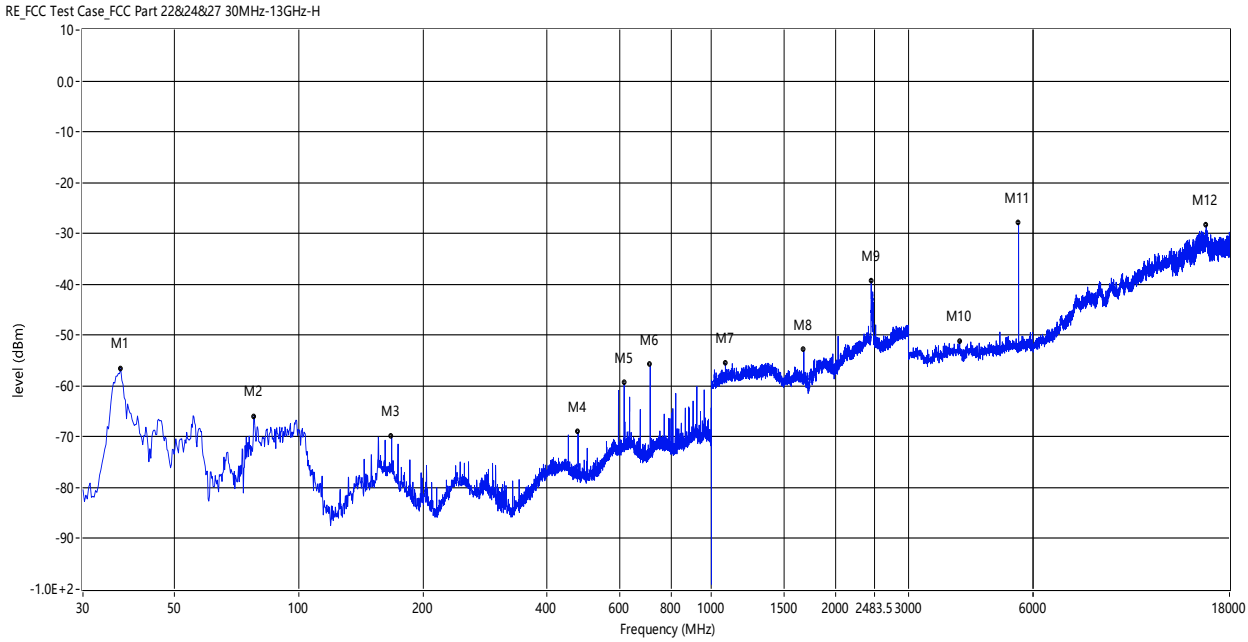
Frequency (MHz)	Result (dBm)	Limit (dBm)	Over Limit (dB)	ANT	Verdict
37.032	-57.35	-13.0	-44.35	Horizontal	Pass
78.015	-63.82	-13.0	-50.82	Horizontal	Pass
167.982	-70.25	-13.0	-57.25	Horizontal	Pass
454.618	-68.14	-13.0	-55.14	Horizontal	Pass
614.425	-59.86	-13.0	-46.86	Horizontal	Pass
833.160	-47.05	-13.0	-34.05	Horizontal	Pass
1133.500	-55.76	-13.0	-42.76	Horizontal	Pass
1637.000	-54.17	-13.0	-41.17	Horizontal	Pass
2459.000	-37.25	-13.0	-24.25	Horizontal	Pass
5730.000	-34.13	-13.0	-21.13	Horizontal	Pass
11370.000	-33.71	-13.0	-20.71	Horizontal	Pass
15843.750	-28.94	-13.0	-15.94	Horizontal	Pass

Band 2_1.4M_1#5_QPSK_High_Vertical



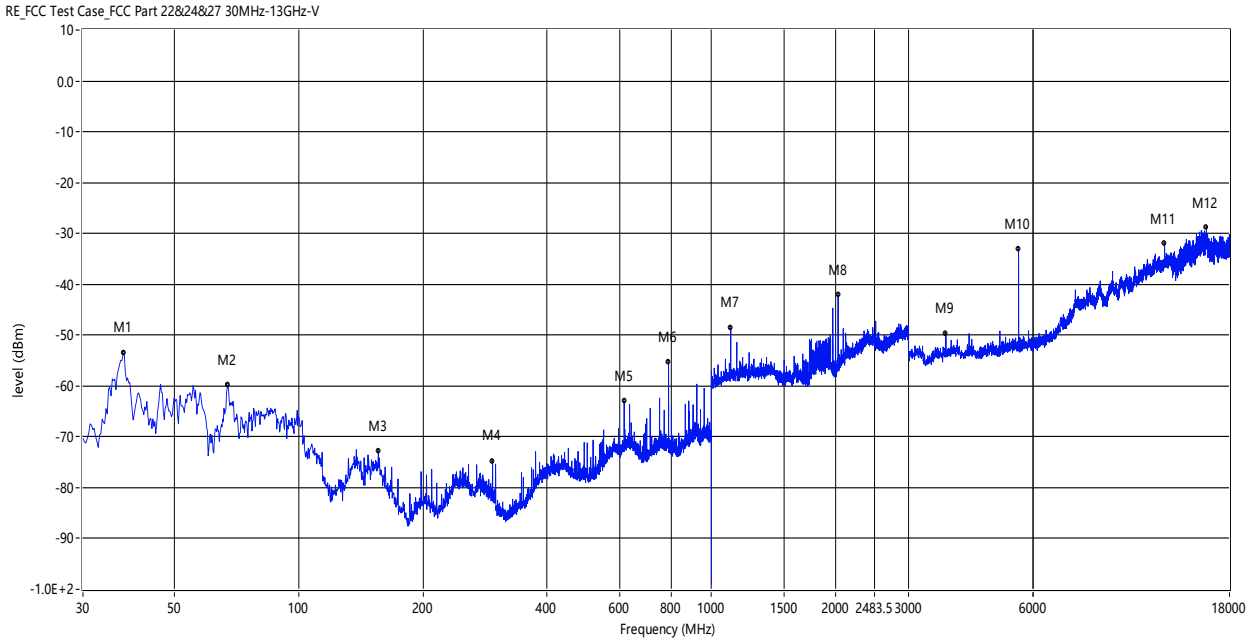
Frequency (MHz)	Result (dBm)	Limit (dBm)	Over Limit (dB)	ANT	Verdict
38.487	-52.79	-13.0	-39.79	Vertical	Pass
67.103	-60.14	-13.0	-47.14	Vertical	Pass
156.100	-70.92	-13.0	-57.92	Vertical	Pass
450.010	-70.32	-13.0	-57.32	Vertical	Pass
595.268	-60.46	-13.0	-47.46	Vertical	Pass
749.013	-57.39	-13.0	-44.39	Vertical	Pass
1273.500	-51.55	-13.0	-38.55	Vertical	Pass
1819.000	-37.97	-13.0	-24.97	Vertical	Pass
4197.500	-50.80	-13.0	-37.80	Vertical	Pass
5730.000	-32.10	-13.0	-19.10	Vertical	Pass
9319.999	-37.84	-13.0	-24.84	Vertical	Pass
15833.750	-28.16	-13.0	-15.16	Vertical	Pass

Band 2_1.4M_1#0_16QAM_Low_Horizontal



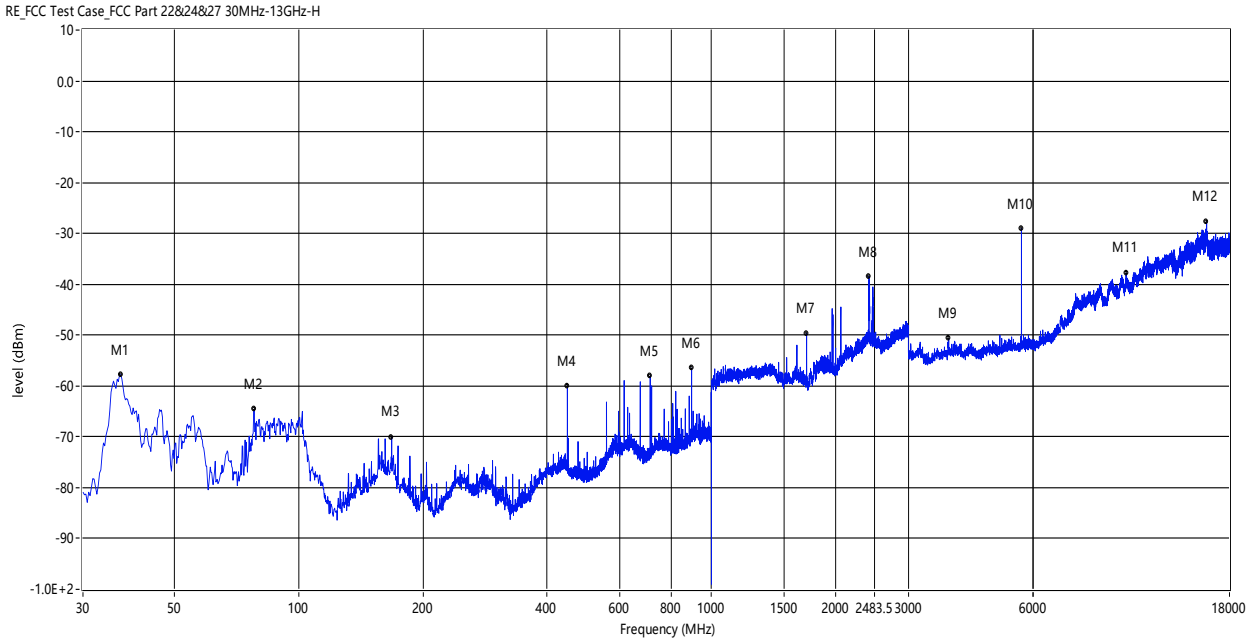
Frequency (MHz)	Result (dBm)	Limit (dBm)	Over Limit (dB)	ANT	Verdict
37.032	-56.59	-13.0	-43.59	Horizontal	Pass
78.015	-66.01	-13.0	-53.01	Horizontal	Pass
167.982	-70.01	-13.0	-57.01	Horizontal	Pass
474.987	-69.06	-13.0	-56.06	Horizontal	Pass
614.425	-59.46	-13.0	-46.46	Horizontal	Pass
710.455	-55.87	-13.0	-42.87	Horizontal	Pass
1081.000	-55.49	-13.0	-42.49	Horizontal	Pass
1674.500	-52.97	-13.0	-39.97	Horizontal	Pass
2438.500	-39.39	-13.0	-26.39	Horizontal	Pass
3995.000	-51.18	-13.0	-38.18	Horizontal	Pass
5550.000	-27.91	-13.0	-14.91	Horizontal	Pass
15806.250	-28.41	-13.0	-15.41	Horizontal	Pass

Band 2_1.4M_1#0_16QAM_Low_Vertical



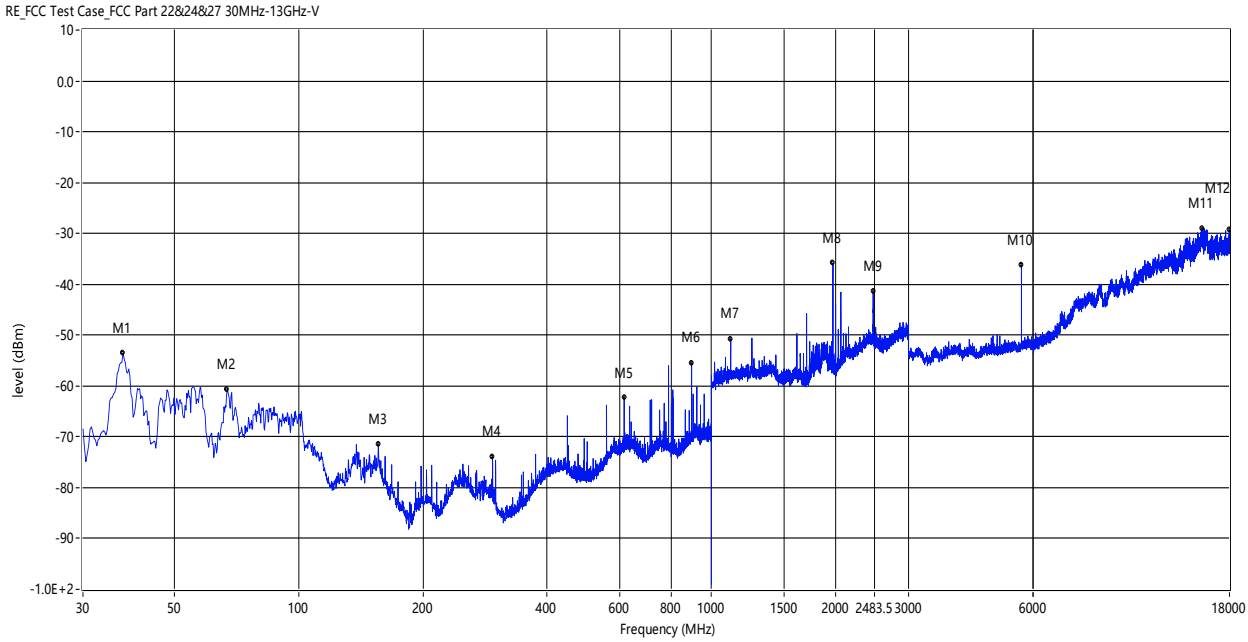
Frequency (MHz)	Result (dBm)	Limit (dBm)	Over Limit (dB)	ANT	Verdict
37.760	-53.48	-13.0	-40.48	Vertical	Pass
67.345	-59.86	-13.0	-46.86	Vertical	Pass
155.858	-72.83	-13.0	-59.83	Vertical	Pass
294.810	-74.77	-13.0	-61.77	Vertical	Pass
614.425	-62.99	-13.0	-49.99	Vertical	Pass
787.327	-55.36	-13.0	-42.36	Vertical	Pass
1114.000	-48.54	-13.0	-35.54	Vertical	Pass
2027.000	-42.19	-13.0	-29.19	Vertical	Pass
3700.000	-49.61	-13.0	-36.61	Vertical	Pass
5550.000	-33.09	-13.0	-20.09	Vertical	Pass
12535.000	-31.95	-13.0	-18.95	Vertical	Pass
15831.250	-28.80	-13.0	-15.80	Vertical	Pass

Band 2_1.4M_1#0_16QAM_Mid_Horizontal



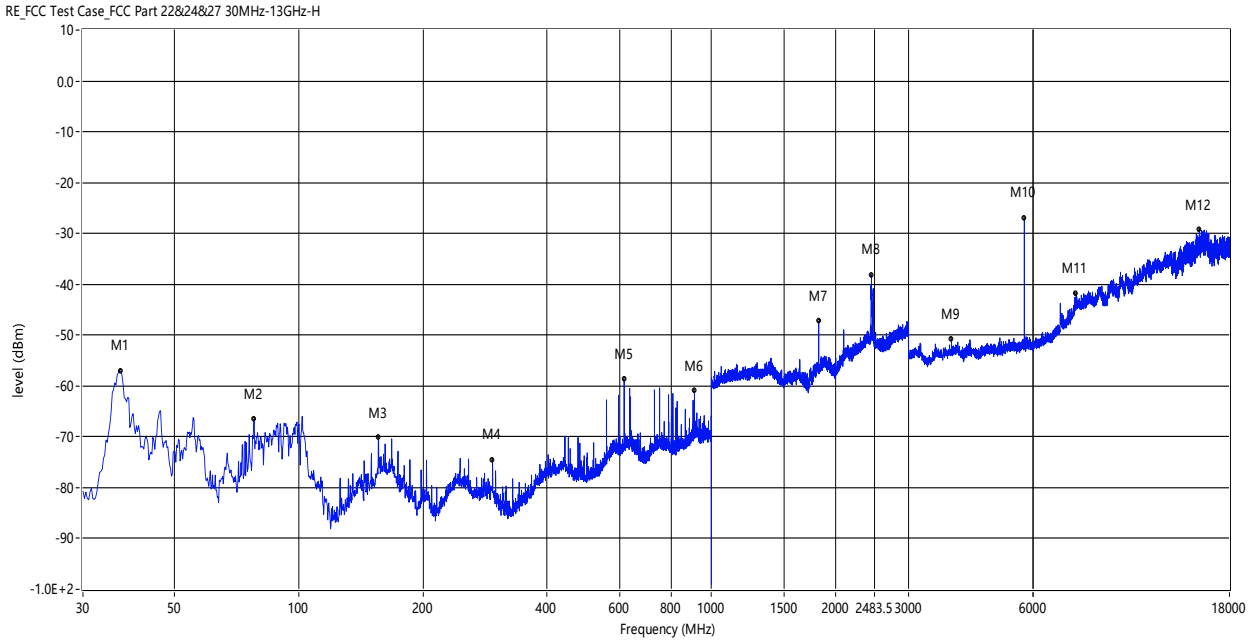
Frequency (MHz)	Result (dBm)	Limit (dBm)	Over Limit (dB)	ANT	Verdict
37.032	-57.78	-13.0	-44.78	Horizontal	Pass
78.015	-64.53	-13.0	-51.53	Horizontal	Pass
167.982	-70.03	-13.0	-57.03	Horizontal	Pass
447.585	-60.00	-13.0	-47.00	Horizontal	Pass
710.455	-58.02	-13.0	-45.02	Horizontal	Pass
895.482	-56.47	-13.0	-43.47	Horizontal	Pass
1700.500	-49.63	-13.0	-36.63	Horizontal	Pass
2408.500	-38.40	-13.0	-25.40	Horizontal	Pass
3757.500	-50.71	-13.0	-37.71	Horizontal	Pass
5637.500	-29.04	-13.0	-16.04	Horizontal	Pass
10122.500	-37.85	-13.0	-24.85	Horizontal	Pass
15845.000	-27.70	-13.0	-14.70	Horizontal	Pass

Band 2_1.4M_1#0_16QAM_Mid_Vertical



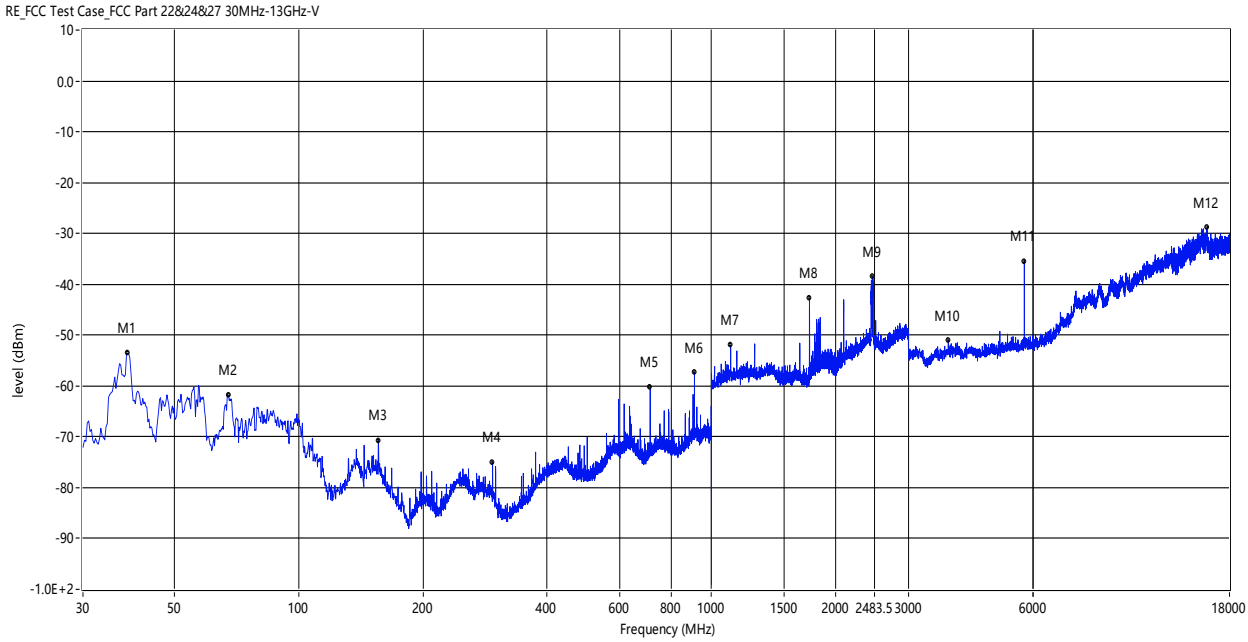
Frequency (MHz)	Result (dBm)	Limit (dBm)	Over Limit (dB)	ANT	Verdict
37.517	-53.50	-13.0	-40.50	Vertical	Pass
67.103	-60.65	-13.0	-47.65	Vertical	Pass
155.858	-71.55	-13.0	-58.55	Vertical	Pass
294.810	-73.91	-13.0	-60.91	Vertical	Pass
614.425	-62.26	-13.0	-49.26	Vertical	Pass
895.482	-55.46	-13.0	-42.46	Vertical	Pass
1113.500	-50.75	-13.0	-37.75	Vertical	Pass
1969.500	-35.90	-13.0	-22.90	Vertical	Pass
2465.000	-41.46	-13.0	-28.46	Vertical	Pass
5637.500	-36.20	-13.0	-23.20	Vertical	Pass
15448.750	-29.05	-13.0	-16.05	Vertical	Pass
17992.499	-29.34	-13.0	-16.34	Vertical	Pass

Band 2_1.4M_1#5_16QAM_High_Horizontal



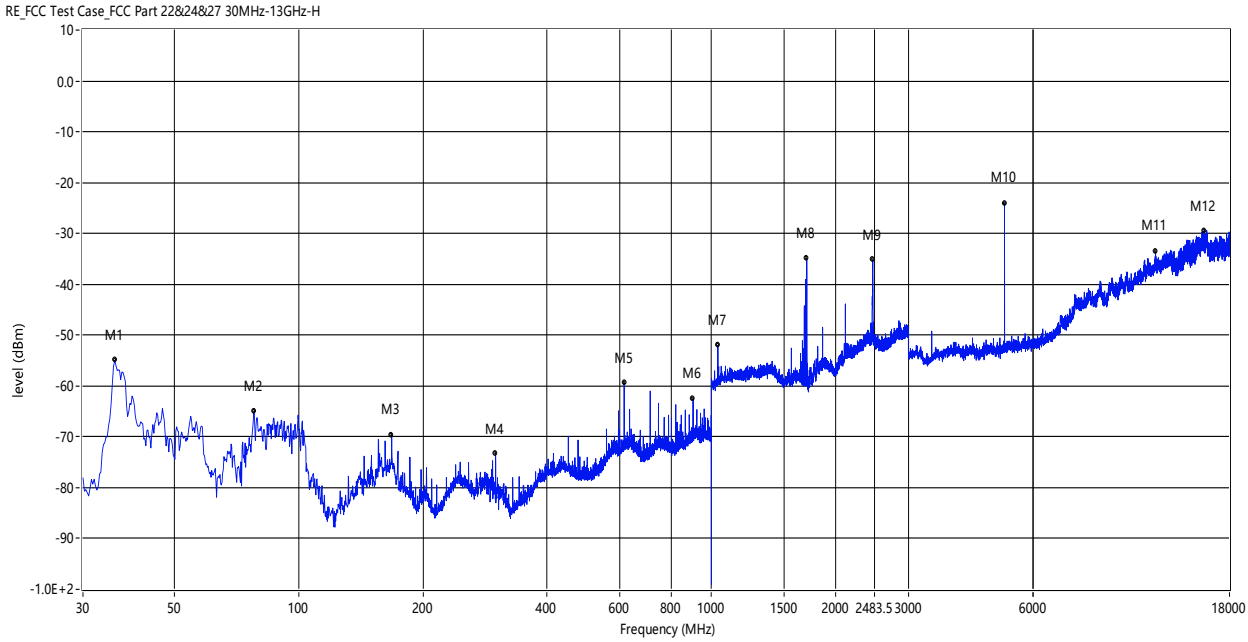
Frequency (MHz)	Result (dBm)	Limit (dBm)	Over Limit (dB)	ANT	Verdict
37.032	-57.20	-13.0	-44.20	Horizontal	Pass
78.015	-66.56	-13.0	-53.56	Horizontal	Pass
156.100	-70.23	-13.0	-57.23	Horizontal	Pass
294.810	-74.53	-13.0	-61.53	Horizontal	Pass
614.425	-58.79	-13.0	-45.79	Horizontal	Pass
909.305	-60.98	-13.0	-47.98	Horizontal	Pass
1819.500	-47.22	-13.0	-34.22	Horizontal	Pass
2442.000	-38.19	-13.0	-25.19	Horizontal	Pass
3817.500	-50.87	-13.0	-37.87	Horizontal	Pass
5727.500	-26.99	-13.0	-13.99	Horizontal	Pass
7650.000	-41.76	-13.0	-28.76	Horizontal	Pass
15215.000	-29.27	-13.0	-16.27	Horizontal	Pass

Band 2_1.4M_1#5_16QAM_High_Vertical



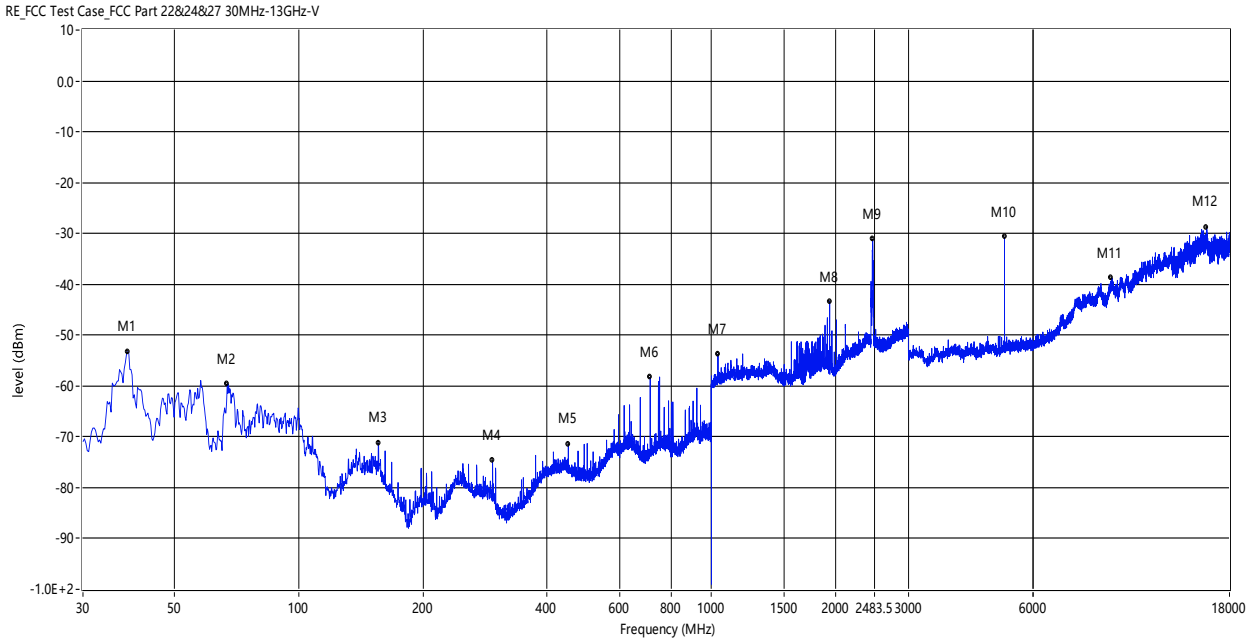
Frequency (MHz)	Result (dBm)	Limit (dBm)	Over Limit (dB)	ANT	Verdict
38.487	-53.61	-13.0	-40.61	Vertical	Pass
67.588	-61.85	-13.0	-48.85	Vertical	Pass
155.858	-70.71	-13.0	-57.71	Vertical	Pass
294.810	-75.03	-13.0	-62.03	Vertical	Pass
710.455	-60.37	-13.0	-47.37	Vertical	Pass
909.305	-57.37	-13.0	-44.37	Vertical	Pass
1113.500	-51.96	-13.0	-38.96	Vertical	Pass
1728.000	-42.83	-13.0	-29.83	Vertical	Pass
2461.500	-38.49	-13.0	-25.49	Vertical	Pass
3747.500	-51.03	-13.0	-38.03	Vertical	Pass
5727.500	-35.51	-13.0	-22.51	Vertical	Pass
15875.000	-28.95	-13.0	-15.95	Vertical	Pass

Band 4_1.4M_1#0_QPSK_Low_Horizontal



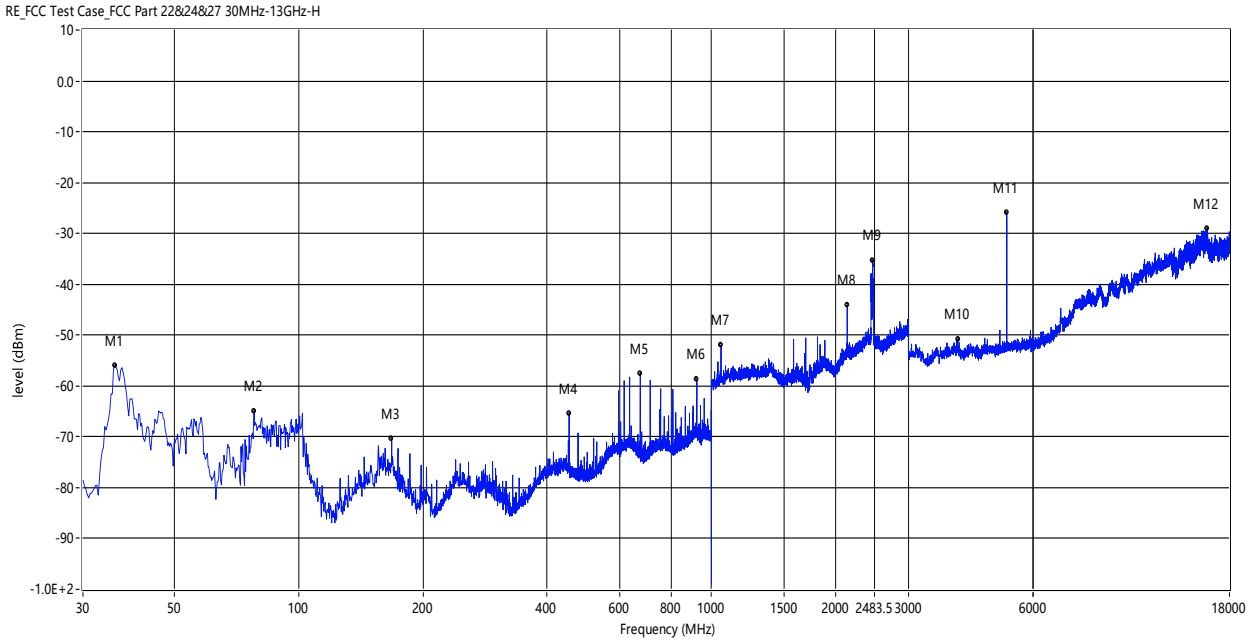
Frequency (MHz)	Result (dBm)	Limit (dBm)	Over Limit (dB)	ANT	Verdict
35.820	-54.92	-13.0	-41.92	Horizontal	Pass
78.015	-64.97	-13.0	-51.97	Horizontal	Pass
167.982	-69.60	-13.0	-56.60	Horizontal	Pass
299.902	-73.19	-13.0	-60.19	Horizontal	Pass
614.425	-59.35	-13.0	-46.35	Horizontal	Pass
902.515	-62.44	-13.0	-49.44	Horizontal	Pass
1036.500	-51.96	-13.0	-38.96	Horizontal	Pass
1702.000	-34.96	-13.0	-21.96	Horizontal	Pass
2459.000	-35.23	-13.0	-22.23	Horizontal	Pass
5130.000	-24.01	-13.0	-11.01	Horizontal	Pass
11920.000	-33.59	-13.0	-20.59	Horizontal	Pass
15610.000	-29.49	-13.0	-16.49	Horizontal	Pass

Band 4_1.4M_1#0_QPSK_Low_Vertical



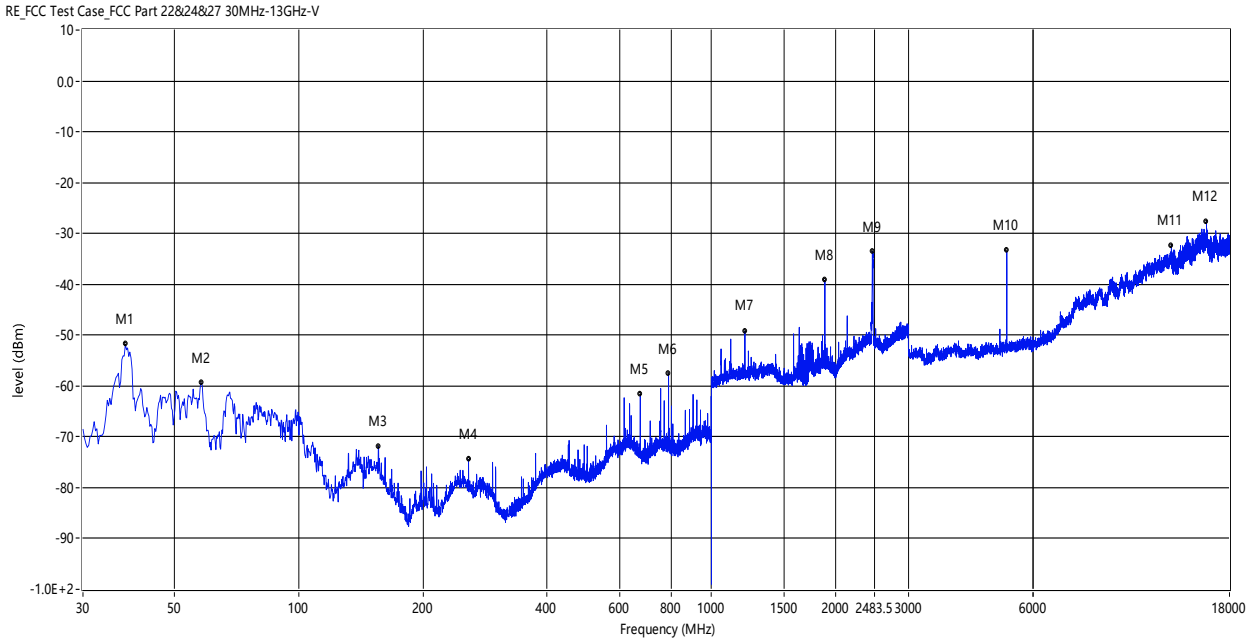
Frequency (MHz)	Result (dBm)	Limit (dBm)	Over Limit (dB)	ANT	Verdict
38.487	-53.23	-13.0	-40.23	Vertical	Pass
67.103	-59.58	-13.0	-46.58	Vertical	Pass
155.858	-71.21	-13.0	-58.21	Vertical	Pass
294.810	-74.74	-13.0	-61.74	Vertical	Pass
450.010	-71.40	-13.0	-58.40	Vertical	Pass
710.455	-58.25	-13.0	-45.25	Vertical	Pass
1037.000	-53.72	-13.0	-40.72	Vertical	Pass
1934.000	-43.39	-13.0	-30.39	Vertical	Pass
2459.000	-31.15	-13.0	-18.15	Vertical	Pass
5130.000	-30.74	-13.0	-17.74	Vertical	Pass
9310.000	-38.73	-13.0	-25.73	Vertical	Pass
15845.000	-28.80	-13.0	-15.80	Vertical	Pass

Band 4_1.4M_1#0_QPSK_Mid_Horizontal



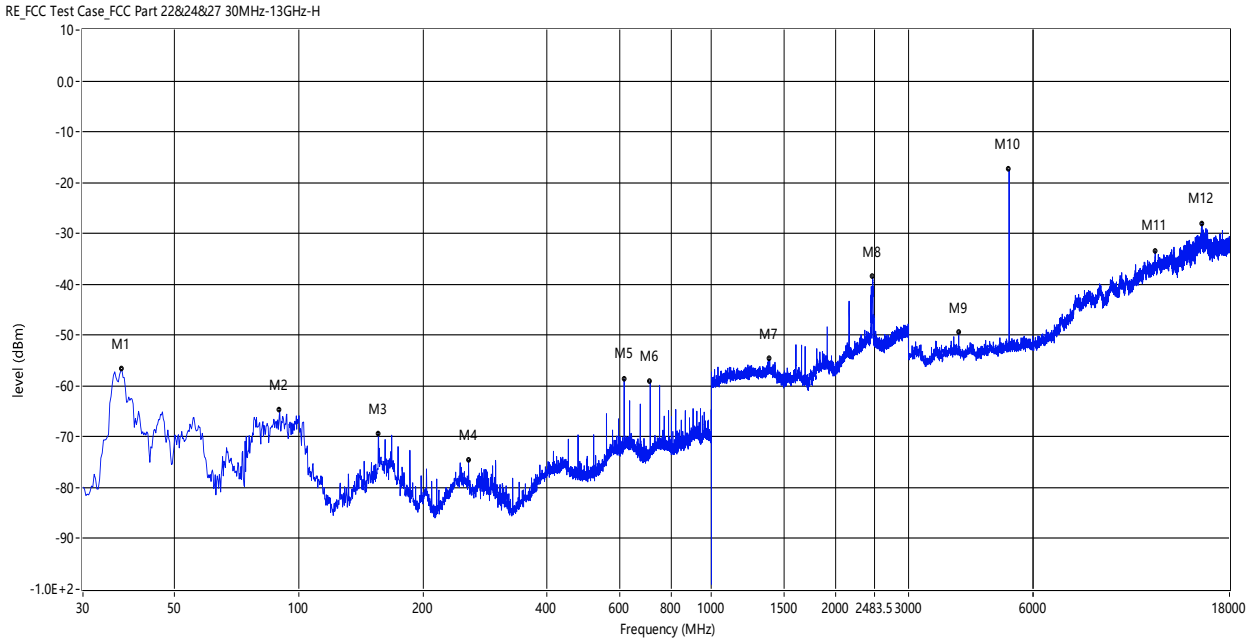
Frequency (MHz)	Result (dBm)	Limit (dBm)	Over Limit (dB)	ANT	Verdict
35.820	-56.03	-13.0	-43.03	Horizontal	Pass
78.015	-65.02	-13.0	-52.02	Horizontal	Pass
167.982	-70.46	-13.0	-57.46	Horizontal	Pass
451.950	-65.49	-13.0	-52.49	Horizontal	Pass
672.140	-57.64	-13.0	-44.64	Horizontal	Pass
921.673	-58.78	-13.0	-45.78	Horizontal	Pass
1054.500	-51.92	-13.0	-38.92	Horizontal	Pass
2132.500	-44.16	-13.0	-31.16	Horizontal	Pass
2459.500	-35.29	-13.0	-22.29	Horizontal	Pass
3955.000	-50.79	-13.0	-37.79	Horizontal	Pass
5195.000	-25.94	-13.0	-12.94	Horizontal	Pass
15860.000	-29.13	-13.0	-16.13	Horizontal	Pass

Band 4_1.4M_1#0_QPSK_Mid_Vertical



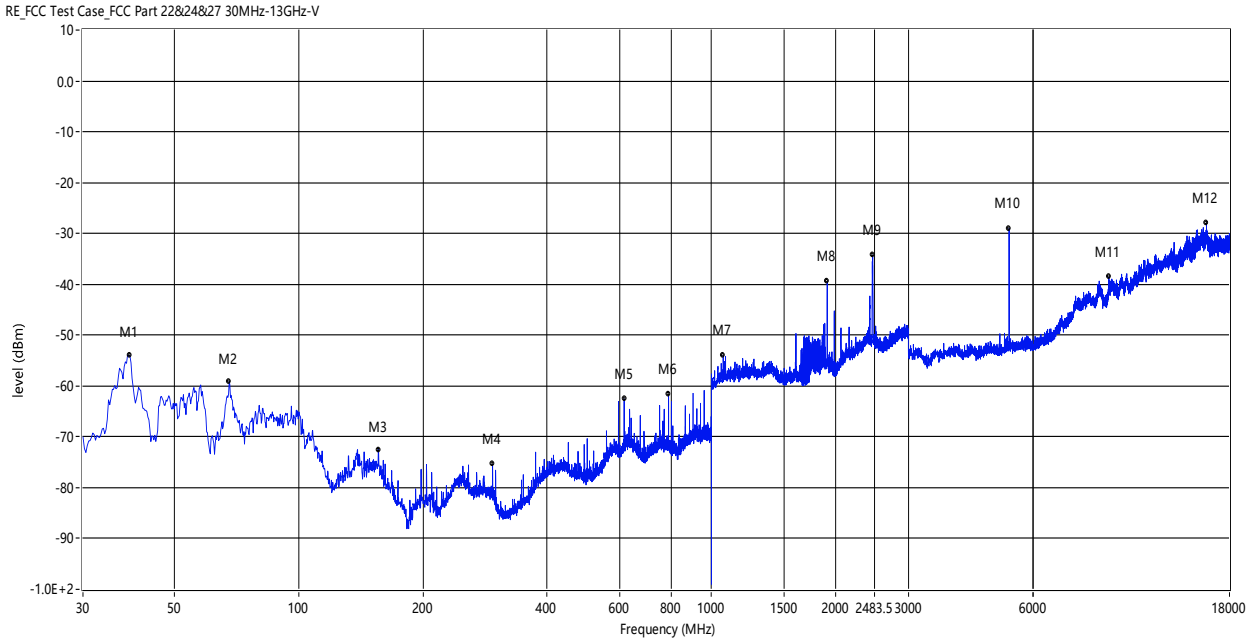
Frequency (MHz)	Result (dBm)	Limit (dBm)	Over Limit (dB)	ANT	Verdict
38.002	-51.80	-13.0	-38.80	Vertical	Pass
58.130	-59.44	-13.0	-46.44	Vertical	Pass
155.858	-71.85	-13.0	-58.85	Vertical	Pass
257.950	-74.49	-13.0	-61.49	Vertical	Pass
672.140	-61.71	-13.0	-48.71	Vertical	Pass
787.327	-57.60	-13.0	-44.60	Vertical	Pass
1205.000	-49.21	-13.0	-36.21	Vertical	Pass
1883.000	-39.15	-13.0	-26.15	Vertical	Pass
2454.000	-33.52	-13.0	-20.52	Vertical	Pass
5195.000	-33.43	-13.0	-20.43	Vertical	Pass
13015.000	-32.37	-13.0	-19.37	Vertical	Pass
15828.750	-27.61	-13.0	-14.61	Vertical	Pass

Band 4_1.4M_1#5_QPSK_High_Horizontal



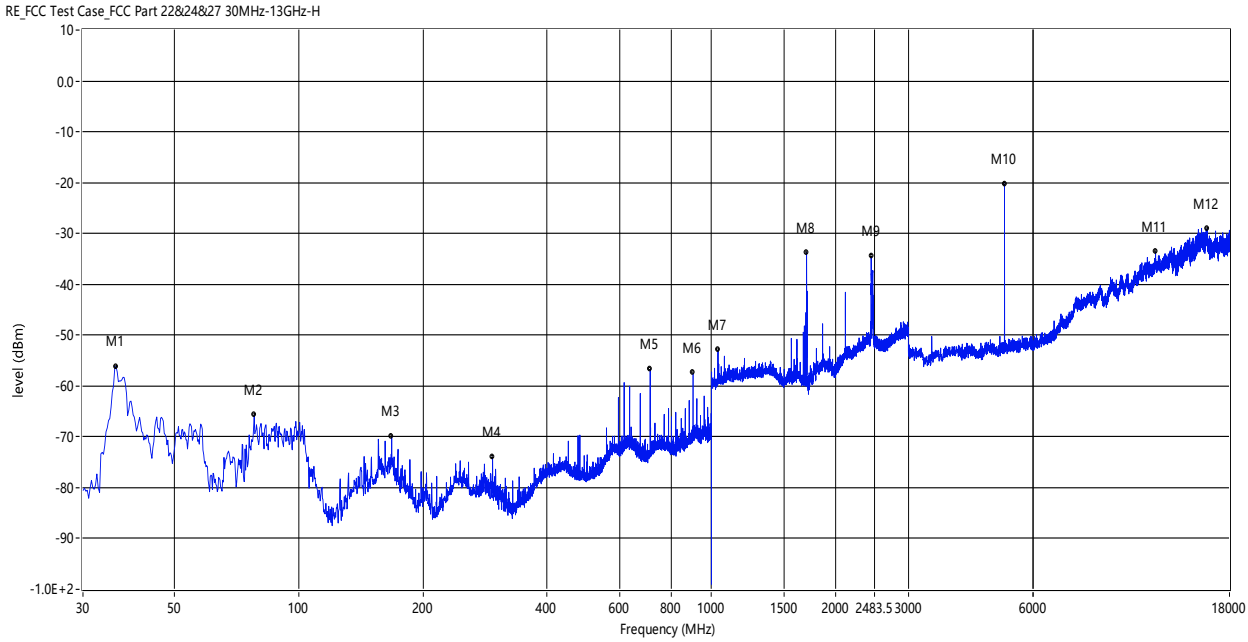
Frequency (MHz)	Result (dBm)	Limit (dBm)	Over Limit (dB)	ANT	Verdict
37.275	-56.75	-13.0	-43.75	Horizontal	Pass
89.897	-64.76	-13.0	-51.76	Horizontal	Pass
155.858	-69.37	-13.0	-56.37	Horizontal	Pass
257.950	-74.61	-13.0	-61.61	Horizontal	Pass
614.425	-58.64	-13.0	-45.64	Horizontal	Pass
710.455	-59.04	-13.0	-46.04	Horizontal	Pass
1384.500	-54.71	-13.0	-41.71	Horizontal	Pass
2459.500	-38.55	-13.0	-25.55	Horizontal	Pass
3975.000	-49.54	-13.0	-36.54	Horizontal	Pass
5262.500	-17.42	-13.0	-4.42	Horizontal	Pass
11892.500	-33.47	-13.0	-20.47	Horizontal	Pass
15435.000	-28.08	-13.0	-15.08	Horizontal	Pass

Band 4_1.4M_1#5_QPSK_High_Vertical



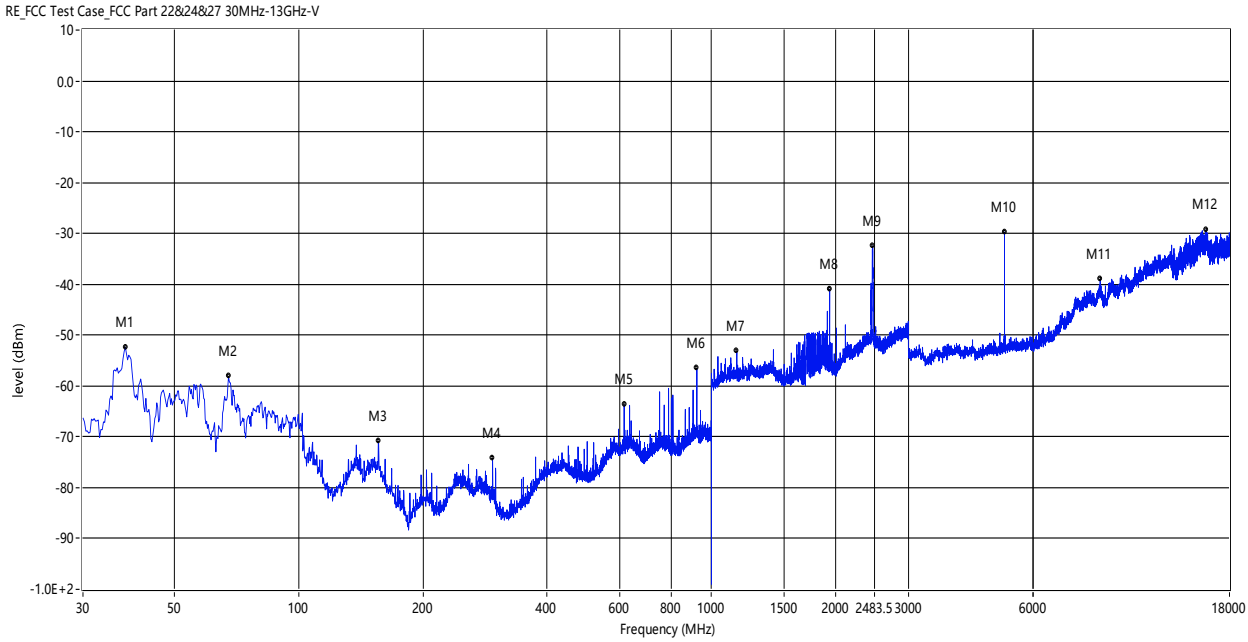
Frequency (MHz)	Result (dBm)	Limit (dBm)	Over Limit (dB)	ANT	Verdict
38.972	-54.01	-13.0	-41.01	Vertical	Pass
67.830	-59.09	-13.0	-46.09	Vertical	Pass
155.858	-72.51	-13.0	-59.51	Vertical	Pass
294.810	-75.41	-13.0	-62.41	Vertical	Pass
614.425	-62.52	-13.0	-49.52	Vertical	Pass
787.327	-61.62	-13.0	-48.62	Vertical	Pass
1067.500	-54.00	-13.0	-41.00	Vertical	Pass
1907.500	-39.49	-13.0	-26.49	Vertical	Pass
2459.000	-34.24	-13.0	-21.24	Vertical	Pass
5265.000	-29.00	-13.0	-16.00	Vertical	Pass
9187.500	-38.53	-13.0	-25.53	Vertical	Pass
15826.250	-27.96	-13.0	-14.96	Vertical	Pass

Band 4_1.4M_1#0_16QAM_Low_Horizontal



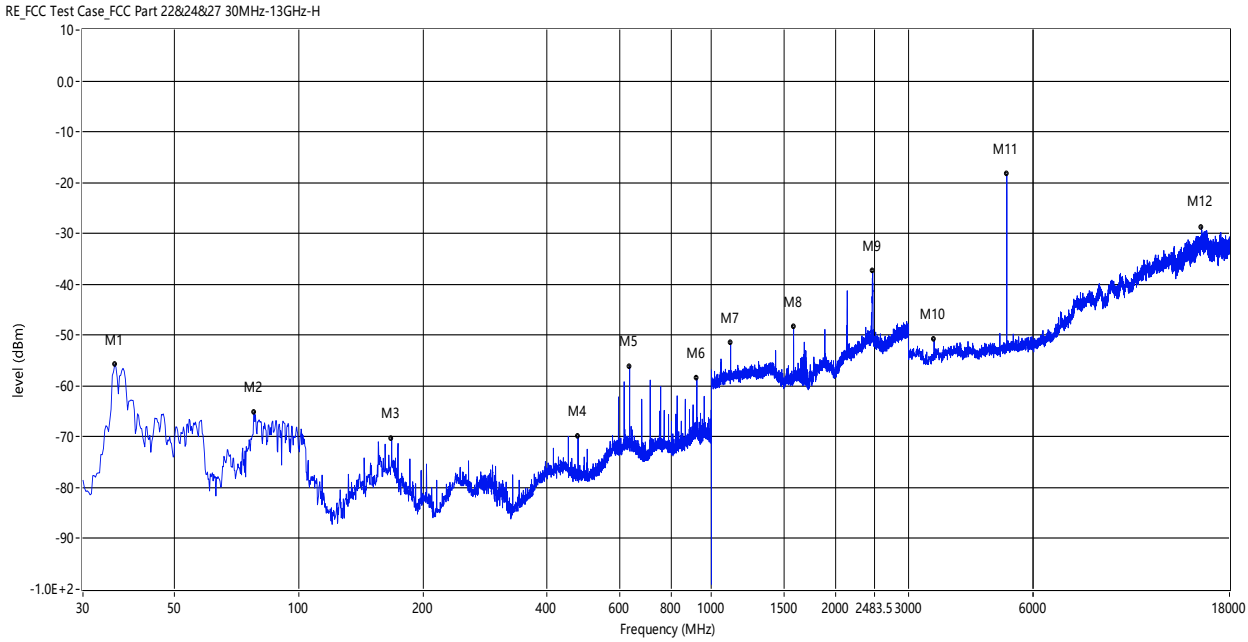
Frequency (MHz)	Result (dBm)	Limit (dBm)	Over Limit (dB)	ANT	Verdict
36.062	-56.15	-13.0	-43.15	Horizontal	Pass
78.015	-65.73	-13.0	-52.73	Horizontal	Pass
167.982	-69.98	-13.0	-56.98	Horizontal	Pass
294.810	-73.98	-13.0	-60.98	Horizontal	Pass
710.455	-56.72	-13.0	-43.72	Horizontal	Pass
902.515	-57.44	-13.0	-44.44	Horizontal	Pass
1037.000	-52.96	-13.0	-39.96	Horizontal	Pass
1700.500	-33.74	-13.0	-20.74	Horizontal	Pass
2438.000	-34.51	-13.0	-21.51	Horizontal	Pass
5130.000	-20.29	-13.0	-7.29	Horizontal	Pass
11920.000	-33.61	-13.0	-20.61	Horizontal	Pass
15882.500	-29.17	-13.0	-16.17	Horizontal	Pass

Band 4_1.4M_1#0_16QAM_Low_Vertical



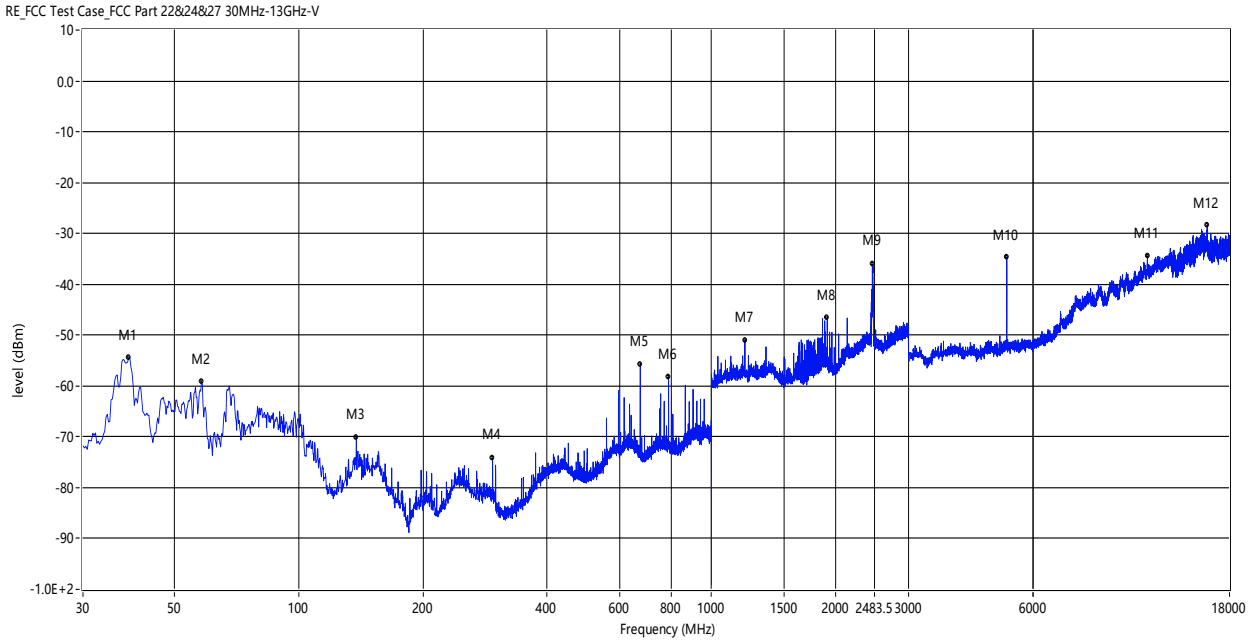
Frequency (MHz)	Result (dBm)	Limit (dBm)	Over Limit (dB)	ANT	Verdict
38.002	-52.37	-13.0	-39.37	Vertical	Pass
67.588	-58.10	-13.0	-45.10	Vertical	Pass
155.858	-70.86	-13.0	-57.86	Vertical	Pass
294.810	-74.28	-13.0	-61.28	Vertical	Pass
614.425	-63.70	-13.0	-50.70	Vertical	Pass
921.673	-56.56	-13.0	-43.56	Vertical	Pass
1152.000	-53.11	-13.0	-40.11	Vertical	Pass
1934.000	-40.94	-13.0	-27.94	Vertical	Pass
2459.000	-32.50	-13.0	-19.50	Vertical	Pass
5130.000	-29.72	-13.0	-16.72	Vertical	Pass
8747.500	-39.00	-13.0	-26.00	Vertical	Pass
15783.750	-29.33	-13.0	-16.33	Vertical	Pass

Band 4_1.4M_1#0_16QAM_Mid_Horizontal



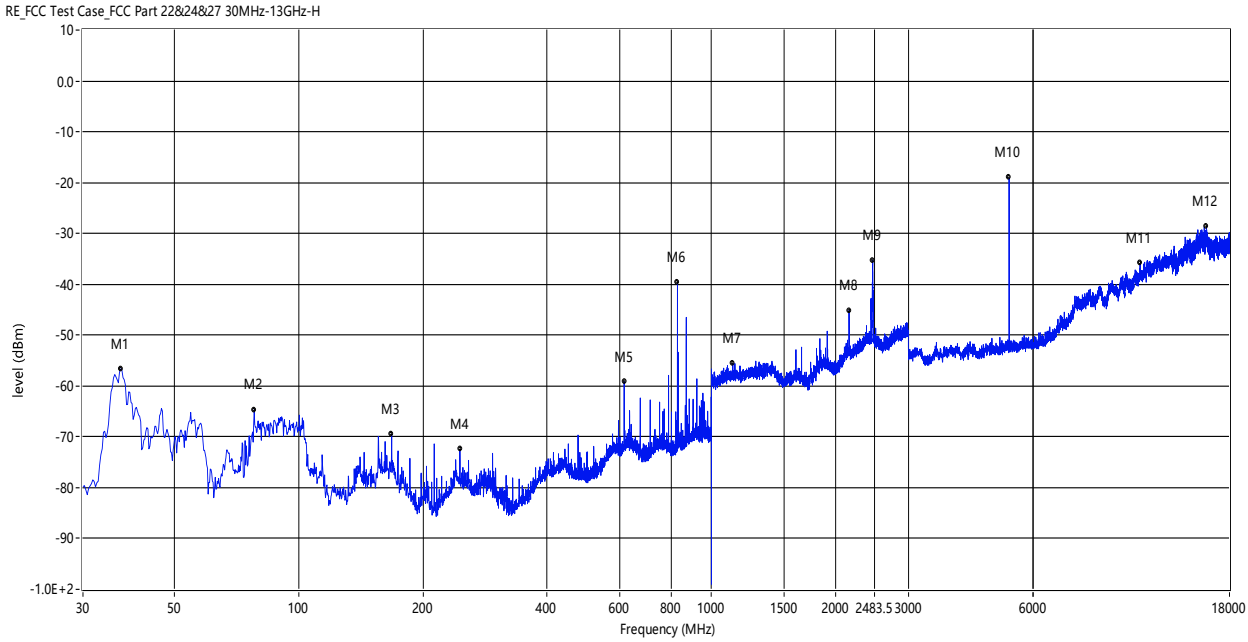
Frequency (MHz)	Result (dBm)	Limit (dBm)	Over Limit (dB)	ANT	Verdict
35.820	-55.80	-13.0	-42.80	Horizontal	Pass
78.015	-65.25	-13.0	-52.25	Horizontal	Pass
167.982	-70.27	-13.0	-57.27	Horizontal	Pass
474.987	-69.87	-13.0	-56.87	Horizontal	Pass
633.583	-56.12	-13.0	-43.12	Horizontal	Pass
921.673	-58.53	-13.0	-45.53	Horizontal	Pass
1113.500	-51.53	-13.0	-38.53	Horizontal	Pass
1581.500	-48.44	-13.0	-35.44	Horizontal	Pass
2459.000	-37.43	-13.0	-24.43	Horizontal	Pass
3462.500	-50.87	-13.0	-37.87	Horizontal	Pass
5195.000	-18.30	-13.0	-5.30	Horizontal	Pass
15403.750	-28.81	-13.0	-15.81	Horizontal	Pass

Band 4_1.4M_1#0_16QAM_Mid_Vertical



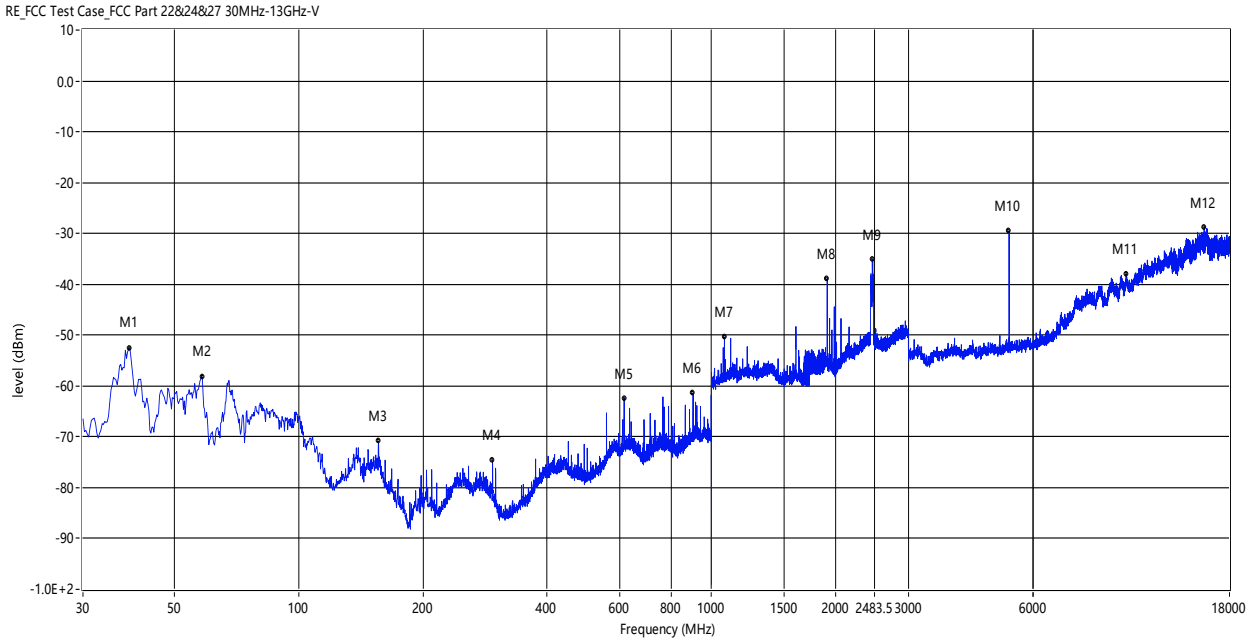
Frequency (MHz)	Result (dBm)	Limit (dBm)	Over Limit (dB)	ANT	Verdict
38.730	-54.44	-13.0	-41.44	Vertical	Pass
58.130	-59.21	-13.0	-46.21	Vertical	Pass
137.913	-70.09	-13.0	-57.09	Vertical	Pass
294.810	-74.21	-13.0	-61.21	Vertical	Pass
672.140	-55.85	-13.0	-42.85	Vertical	Pass
787.327	-58.13	-13.0	-45.13	Vertical	Pass
1205.500	-50.96	-13.0	-37.96	Vertical	Pass
1908.000	-46.48	-13.0	-33.48	Vertical	Pass
2459.000	-36.00	-13.0	-23.00	Vertical	Pass
5195.000	-34.62	-13.0	-21.62	Vertical	Pass
11392.500	-34.42	-13.0	-21.42	Vertical	Pass
15886.250	-28.50	-13.0	-15.50	Vertical	Pass

Band 4_1.4M_1#5_16QAM_High_Horizontal



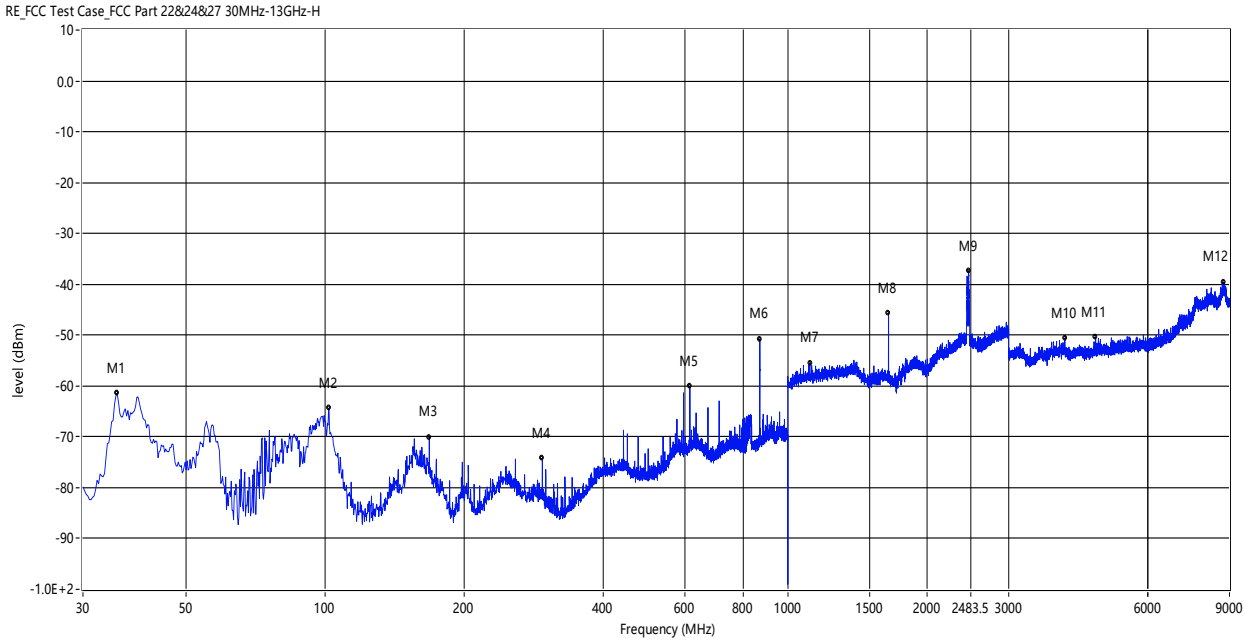
Frequency (MHz)	Result (dBm)	Limit (dBm)	Over Limit (dB)	ANT	Verdict
37.032	-56.63	-13.0	-43.63	Horizontal	Pass
78.015	-64.68	-13.0	-51.68	Horizontal	Pass
167.982	-69.47	-13.0	-56.47	Horizontal	Pass
245.825	-72.49	-13.0	-59.49	Horizontal	Pass
614.425	-59.12	-13.0	-46.12	Horizontal	Pass
827.097	-39.62	-13.0	-26.62	Horizontal	Pass
1127.000	-55.55	-13.0	-42.55	Horizontal	Pass
2155.000	-45.16	-13.0	-32.16	Horizontal	Pass
2459.000	-35.24	-13.0	-22.24	Horizontal	Pass
5265.000	-19.06	-13.0	-6.06	Horizontal	Pass
10927.500	-35.89	-13.0	-22.89	Horizontal	Pass
15831.250	-28.63	-13.0	-15.63	Horizontal	Pass

Band 4_1.4M_1#5_16QAM_High_Vertical



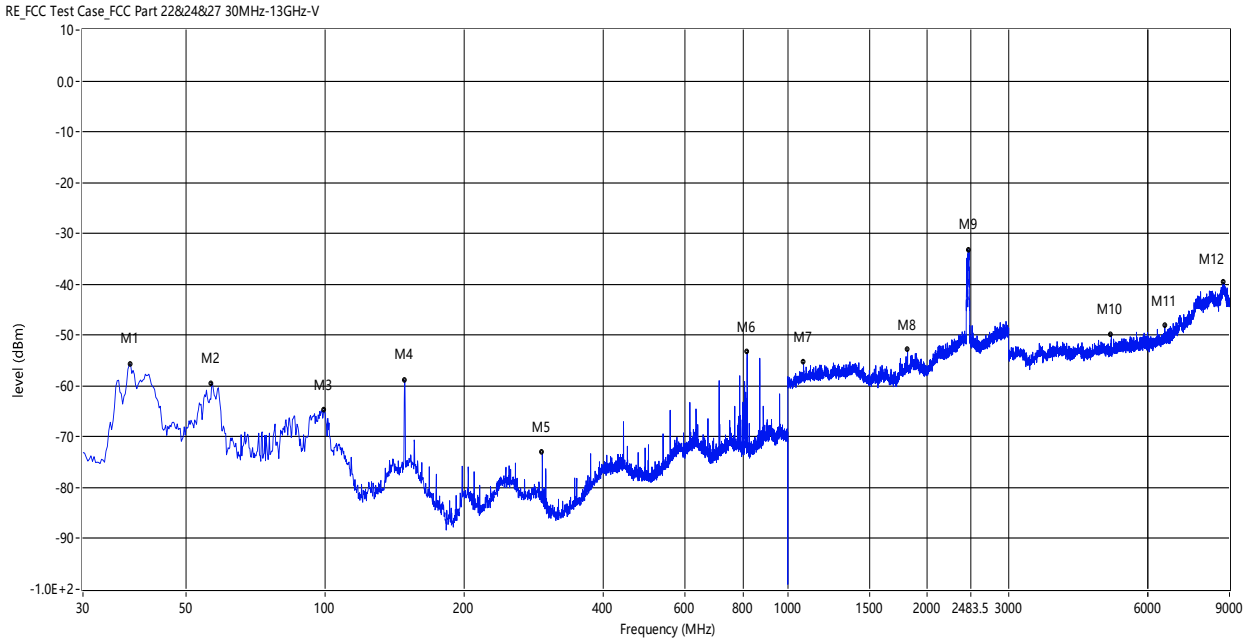
Frequency (MHz)	Result (dBm)	Limit (dBm)	Over Limit (dB)	ANT	Verdict
38.972	-52.52	-13.0	-39.52	Vertical	Pass
58.373	-58.33	-13.0	-45.33	Vertical	Pass
156.100	-70.91	-13.0	-57.91	Vertical	Pass
294.810	-74.73	-13.0	-61.73	Vertical	Pass
614.425	-62.43	-13.0	-49.43	Vertical	Pass
902.515	-61.36	-13.0	-48.36	Vertical	Pass
1075.500	-50.37	-13.0	-37.37	Vertical	Pass
1857.000	-37.81	-13.0	-24.81	Vertical	Pass
2459.500	-35.11	-13.0	-22.11	Vertical	Pass
5262.500	-29.46	-13.0	-16.46	Vertical	Pass
10110.000	-38.00	-13.0	-25.00	Vertical	Pass
15621.250	-28.85	-13.0	-15.85	Vertical	Pass

Band 5_1.4M_1#0_QPSK_Low_Horizontal



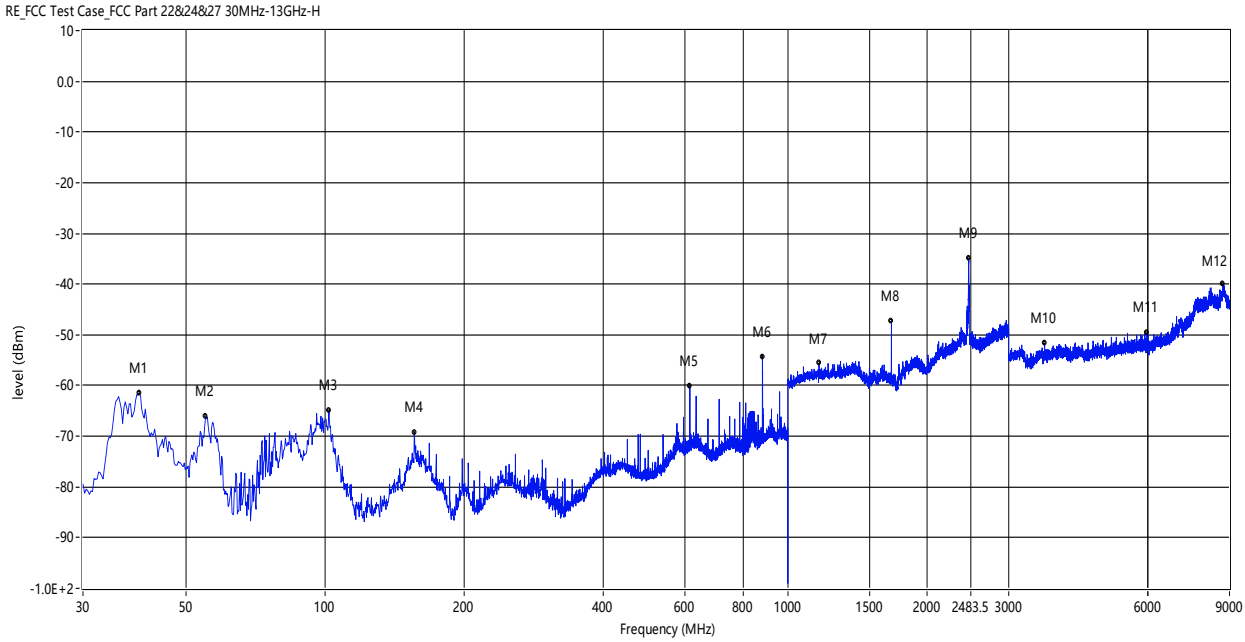
Frequency (MHz)	Result (dBm)	Limit (dBm)	Over Limit (dB)	ANT	Verdict
35.578	-61.47	-13.0	-48.47	Horizontal	Pass
102.022	-64.36	-13.0	-51.36	Horizontal	Pass
167.982	-70.08	-13.0	-57.08	Horizontal	Pass
294.810	-74.27	-13.0	-61.27	Horizontal	Pass
614.425	-60.08	-13.0	-47.08	Horizontal	Pass
870.263	-50.77	-13.0	-37.77	Horizontal	Pass
1116.000	-55.48	-13.0	-42.48	Horizontal	Pass
1650.500	-45.77	-13.0	-32.77	Horizontal	Pass
2459.500	-37.32	-13.0	-24.32	Horizontal	Pass
3967.500	-50.71	-13.0	-37.71	Horizontal	Pass
4624.500	-50.47	-13.0	-37.47	Horizontal	Pass
8755.500	-39.62	-13.0	-26.62	Horizontal	Pass

Band 5_1.4M_1#0_QPSK_Low_Vertical



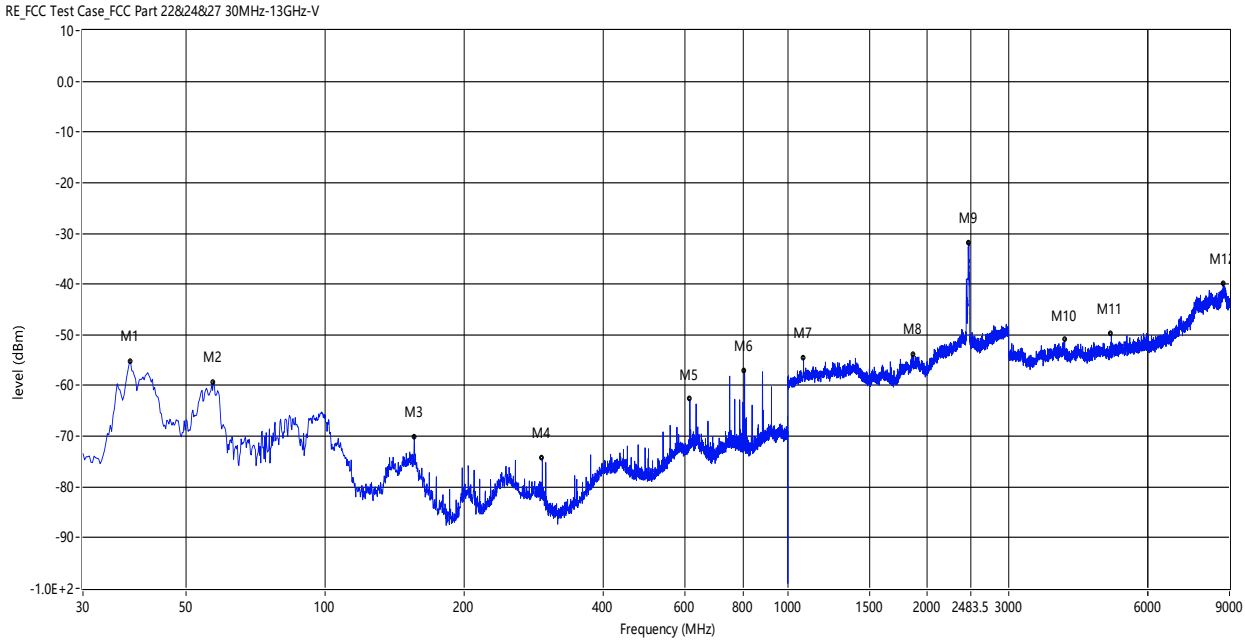
Frequency (MHz)	Result (dBm)	Limit (dBm)	Over Limit (dB)	ANT	Verdict
38.002	-55.71	-13.0	-42.71	Vertical	Pass
56.917	-59.51	-13.0	-46.51	Vertical	Pass
99.355	-64.70	-13.0	-51.70	Vertical	Pass
148.583	-58.85	-13.0	-45.85	Vertical	Pass
294.810	-73.13	-13.0	-60.13	Vertical	Pass
816.912	-53.35	-13.0	-40.35	Vertical	Pass
1081.500	-55.36	-13.0	-42.36	Vertical	Pass
1814.500	-52.93	-13.0	-39.93	Vertical	Pass
2458.500	-33.22	-13.0	-20.22	Vertical	Pass
4999.500	-49.83	-13.0	-36.83	Vertical	Pass
6525.000	-48.13	-13.0	-35.13	Vertical	Pass
8734.500	-39.66	-13.0	-26.66	Vertical	Pass

Band 5_1.4M_1#0_QPSK_Mid_Horizontal



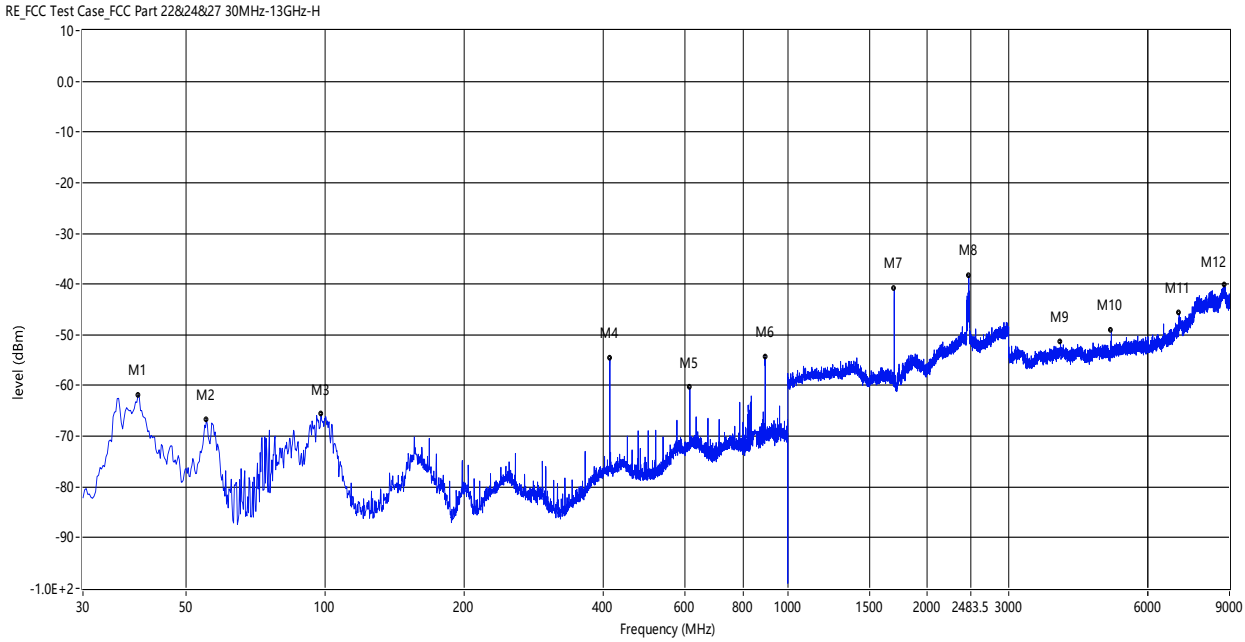
Frequency (MHz)	Result (dBm)	Limit (dBm)	Over Limit (dB)	ANT	Verdict
39.700	-61.49	-13.0	-48.49	Horizontal	Pass
55.220	-66.19	-13.0	-53.19	Horizontal	Pass
102.022	-64.86	-13.0	-51.86	Horizontal	Pass
156.100	-69.27	-13.0	-56.27	Horizontal	Pass
614.425	-60.04	-13.0	-47.04	Horizontal	Pass
881.175	-54.29	-13.0	-41.29	Horizontal	Pass
1168.000	-55.63	-13.0	-42.63	Horizontal	Pass
1674.000	-47.32	-13.0	-34.32	Horizontal	Pass
2459.000	-34.90	-13.0	-21.90	Horizontal	Pass
3588.000	-51.61	-13.0	-38.61	Horizontal	Pass
5962.500	-49.63	-13.0	-36.63	Horizontal	Pass
8704.500	-40.04	-13.0	-27.04	Horizontal	Pass

Band 5_1.4M_1#0_QPSK_Mid_Vertical



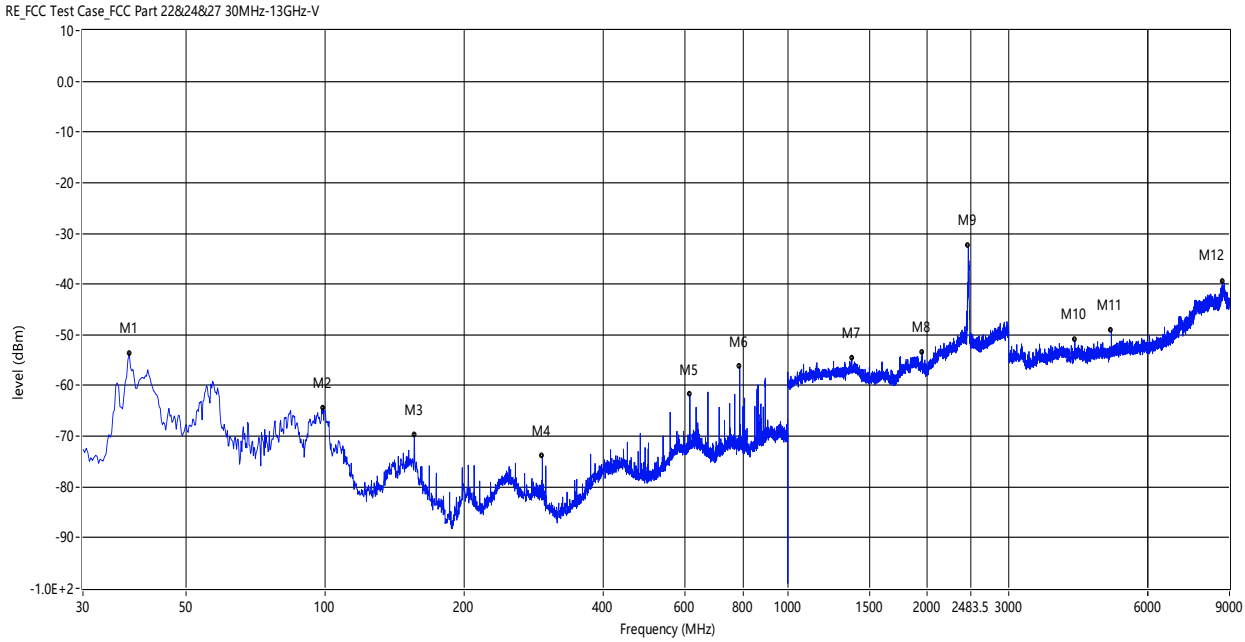
Frequency (MHz)	Result (dBm)	Limit (dBm)	Over Limit (dB)	ANT	Verdict
38.002	-55.35	-13.0	-42.35	Vertical	Pass
57.403	-59.38	-13.0	-46.38	Vertical	Pass
155.858	-70.14	-13.0	-57.14	Vertical	Pass
294.810	-74.35	-13.0	-61.35	Vertical	Pass
614.425	-62.75	-13.0	-49.75	Vertical	Pass
806.485	-57.09	-13.0	-44.09	Vertical	Pass
1081.500	-54.65	-13.0	-41.65	Vertical	Pass
1871.500	-53.98	-13.0	-40.98	Vertical	Pass
2461.500	-31.83	-13.0	-18.83	Vertical	Pass
3964.500	-51.05	-13.0	-38.05	Vertical	Pass
4999.500	-49.85	-13.0	-36.85	Vertical	Pass
8722.500	-39.92	-13.0	-26.92	Vertical	Pass

Band 5_1.4M_1#5_QPSK_High_Horizontal



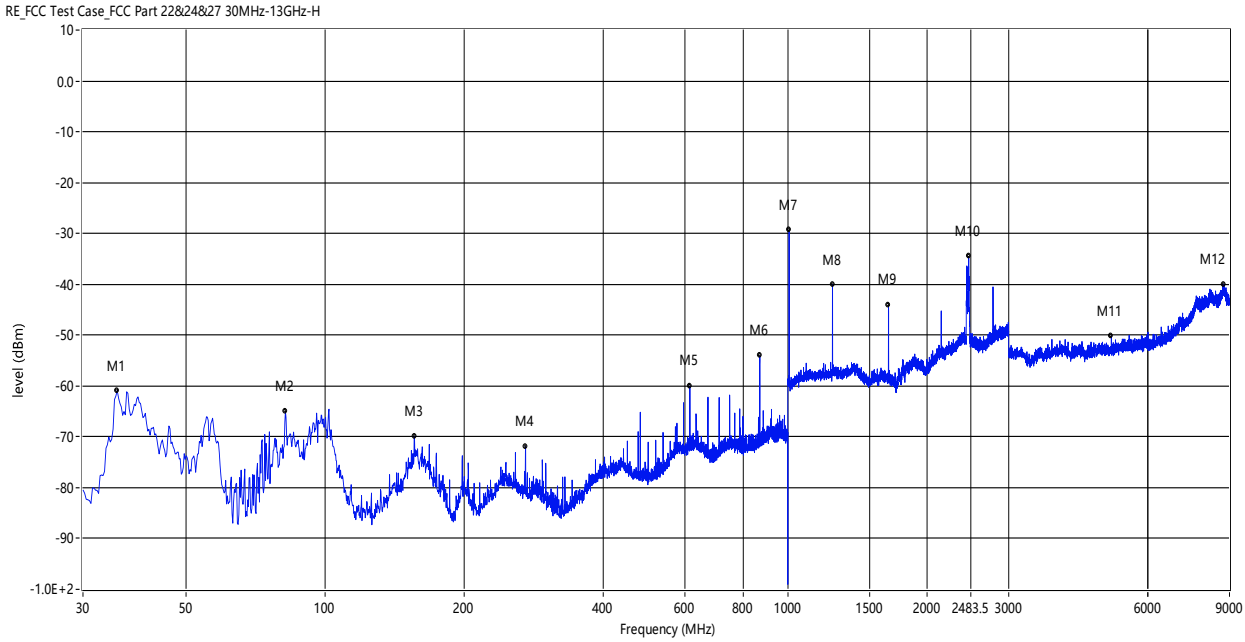
Frequency (MHz)	Result (dBm)	Limit (dBm)	Over Limit (dB)	ANT	Verdict
39.458	-61.88	-13.0	-48.88	Horizontal	Pass
55.462	-66.74	-13.0	-53.74	Horizontal	Pass
98.143	-65.70	-13.0	-52.70	Horizontal	Pass
412.665	-54.70	-13.0	-41.70	Horizontal	Pass
614.425	-60.45	-13.0	-47.45	Horizontal	Pass
893.785	-54.33	-13.0	-41.33	Horizontal	Pass
1698.000	-40.90	-13.0	-27.90	Horizontal	Pass
2460.000	-38.35	-13.0	-25.35	Horizontal	Pass
3883.500	-51.34	-13.0	-38.34	Horizontal	Pass
4999.500	-49.12	-13.0	-36.12	Horizontal	Pass
7006.500	-45.72	-13.0	-32.72	Horizontal	Pass
8778.000	-40.28	-13.0	-27.28	Horizontal	Pass

Band 5_1.4M_1#5_QPSK_High_Vertical



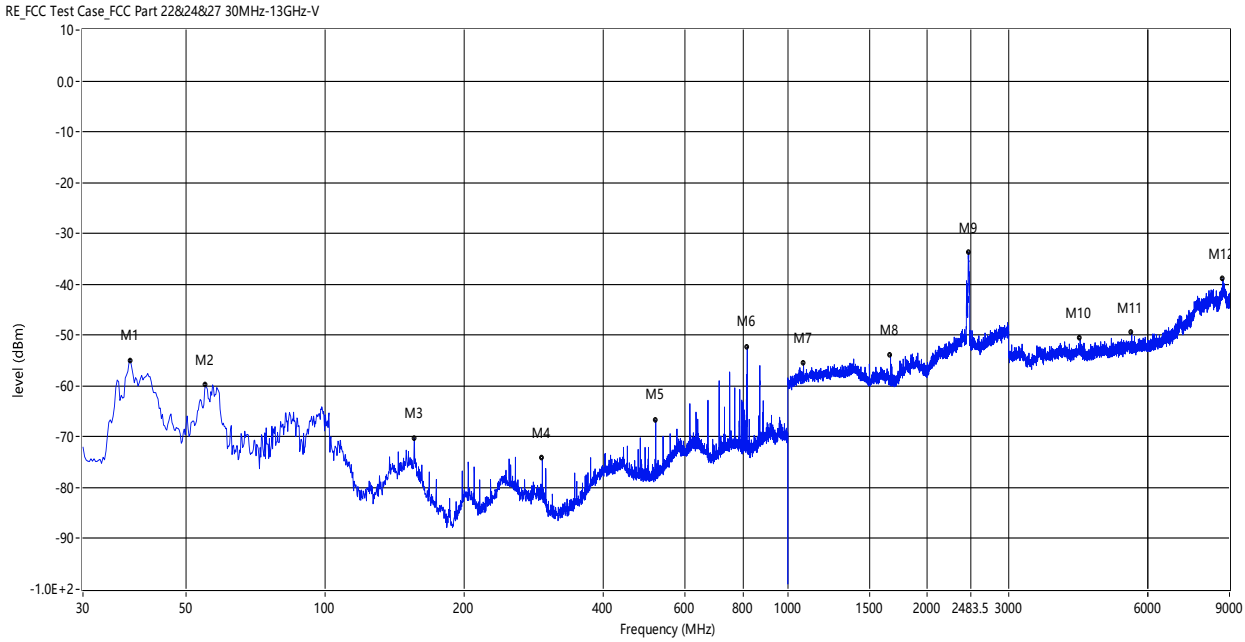
Frequency (MHz)	Result (dBm)	Limit (dBm)	Over Limit (dB)	ANT	Verdict
37.760	-53.74	-13.0	-40.74	Vertical	Pass
98.870	-64.42	-13.0	-51.42	Vertical	Pass
155.858	-69.77	-13.0	-56.77	Vertical	Pass
294.810	-73.92	-13.0	-60.92	Vertical	Pass
614.425	-61.81	-13.0	-48.81	Vertical	Pass
787.327	-56.33	-13.0	-43.33	Vertical	Pass
1375.000	-54.66	-13.0	-41.66	Vertical	Pass
1950.500	-53.42	-13.0	-40.42	Vertical	Pass
2453.500	-32.43	-13.0	-19.43	Vertical	Pass
4170.000	-51.03	-13.0	-38.03	Vertical	Pass
4999.500	-49.13	-13.0	-36.13	Vertical	Pass
8695.500	-39.57	-13.0	-26.57	Vertical	Pass

Band 5_1.4M_1#0_16QAM_Low_Horizontal



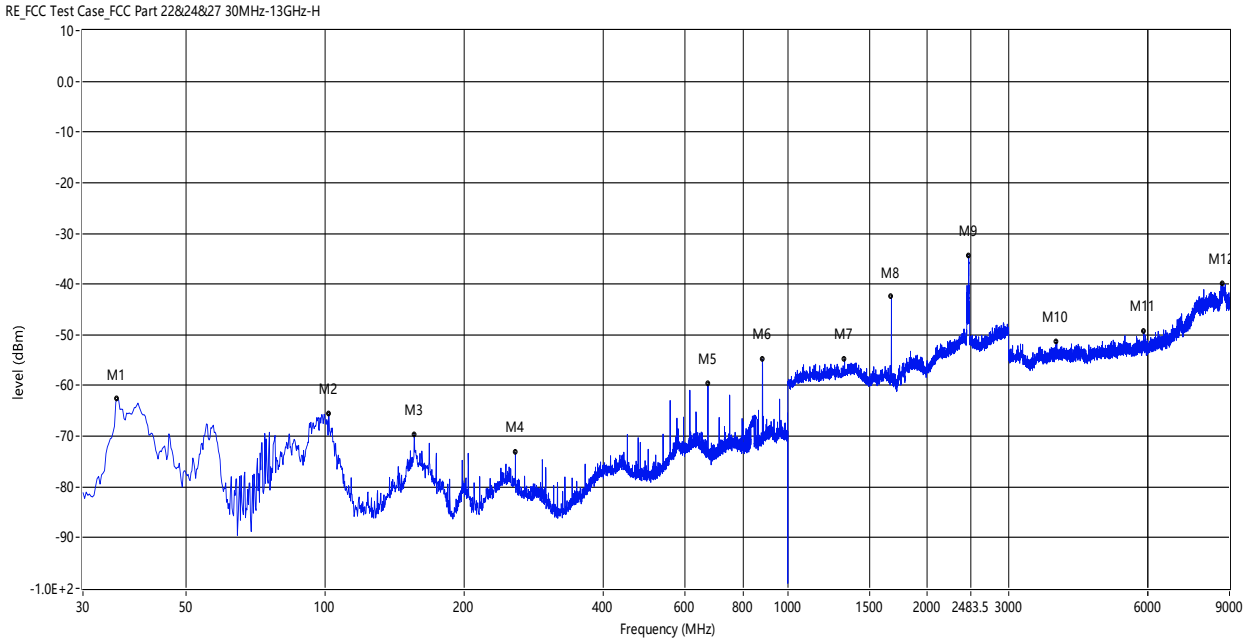
Frequency (MHz)	Result (dBm)	Limit (dBm)	Over Limit (dB)	ANT	Verdict
35.578	-60.90	-13.0	-47.90	Horizontal	Pass
82.137	-64.99	-13.0	-51.99	Horizontal	Pass
155.858	-69.92	-13.0	-56.92	Horizontal	Pass
271.288	-71.86	-13.0	-58.86	Horizontal	Pass
614.425	-60.02	-13.0	-47.02	Horizontal	Pass
870.263	-54.04	-13.0	-41.04	Horizontal	Pass
1006.000	-29.39	-13.0	-16.39	Horizontal	Pass
1248.500	-40.12	-13.0	-27.12	Horizontal	Pass
1650.500	-44.02	-13.0	-31.02	Horizontal	Pass
2459.500	-34.56	-13.0	-21.56	Horizontal	Pass
4999.500	-50.17	-13.0	-37.17	Horizontal	Pass
8725.500	-40.13	-13.0	-27.13	Horizontal	Pass

Band 5_1.4M_1#0_16QAM_Low_Vertical



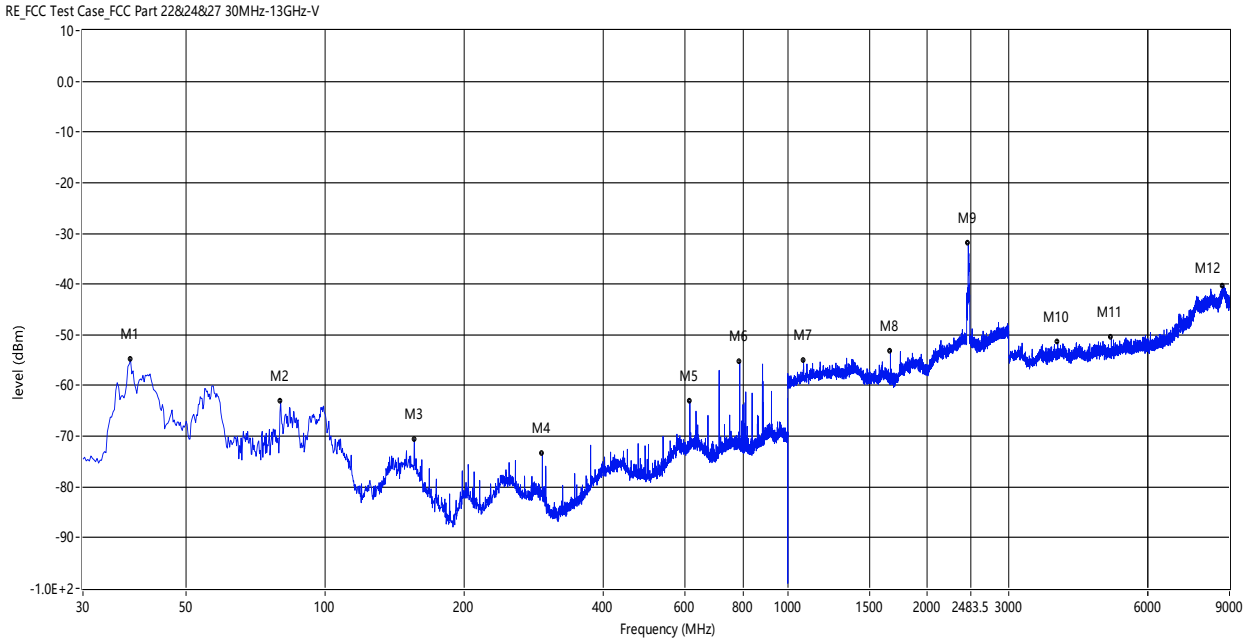
Frequency (MHz)	Result (dBm)	Limit (dBm)	Over Limit (dB)	ANT	Verdict
38.002	-55.04	-13.0	-42.04	Vertical	Pass
55.220	-59.77	-13.0	-46.77	Vertical	Pass
155.858	-70.29	-13.0	-57.29	Vertical	Pass
294.810	-74.16	-13.0	-61.16	Vertical	Pass
518.395	-66.67	-13.0	-53.67	Vertical	Pass
817.155	-52.33	-13.0	-39.33	Vertical	Pass
1081.500	-55.61	-13.0	-42.61	Vertical	Pass
1667.000	-53.94	-13.0	-40.94	Vertical	Pass
2458.500	-33.76	-13.0	-20.76	Vertical	Pass
4281.000	-50.70	-13.0	-37.70	Vertical	Pass
5533.500	-49.55	-13.0	-36.55	Vertical	Pass
8715.000	-38.90	-13.0	-25.90	Vertical	Pass

Band 5_1.4M_1#0_16QAM_Mid_Horizontal



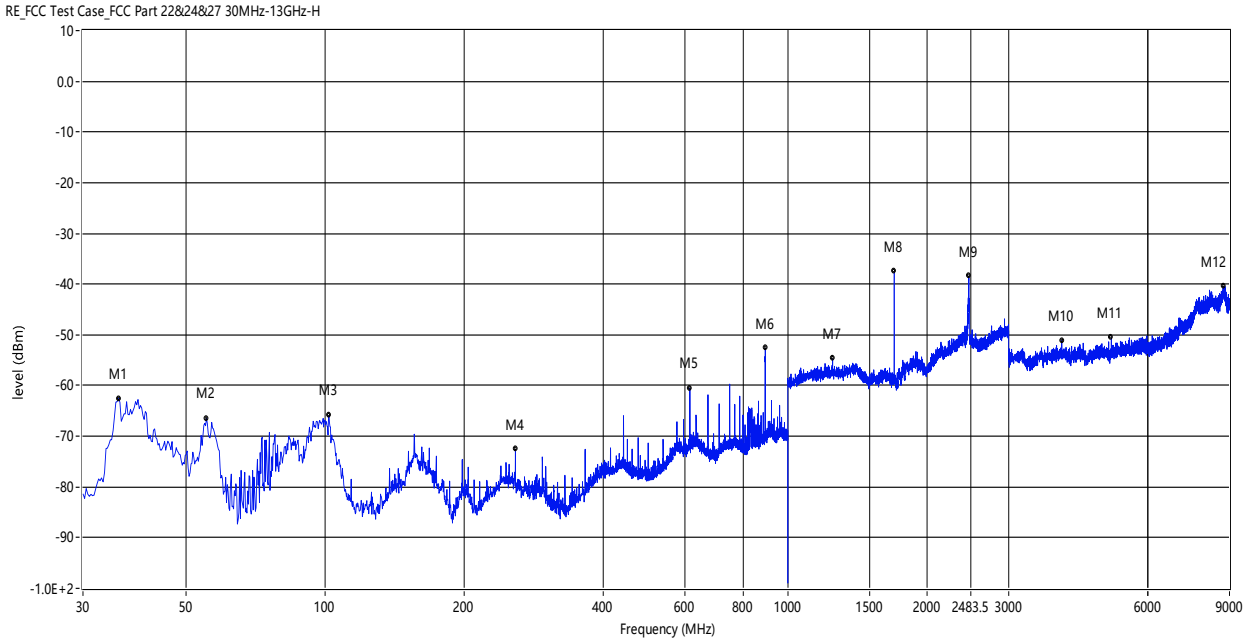
Frequency (MHz)	Result (dBm)	Limit (dBm)	Over Limit (dB)	ANT	Verdict
35.578	-62.73	-13.0	-49.73	Horizontal	Pass
102.022	-65.56	-13.0	-52.56	Horizontal	Pass
155.858	-69.68	-13.0	-56.68	Horizontal	Pass
257.950	-73.25	-13.0	-60.25	Horizontal	Pass
672.140	-59.75	-13.0	-46.75	Horizontal	Pass
881.175	-54.79	-13.0	-41.79	Horizontal	Pass
1326.500	-54.87	-13.0	-41.87	Horizontal	Pass
1674.000	-42.59	-13.0	-29.59	Horizontal	Pass
2459.500	-34.41	-13.0	-21.41	Horizontal	Pass
3811.500	-51.37	-13.0	-38.37	Horizontal	Pass
5878.500	-49.39	-13.0	-36.39	Horizontal	Pass
8691.000	-39.93	-13.0	-26.93	Horizontal	Pass

Band 5_1.4M_1#0_16QAM_Mid_Vertical



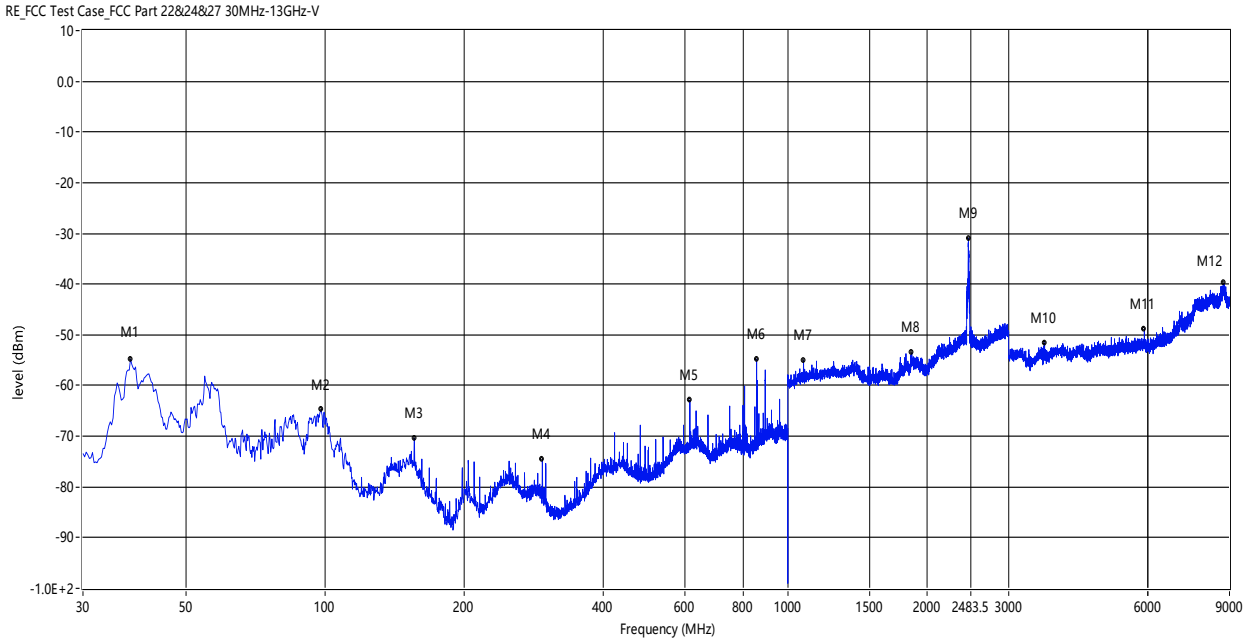
Frequency (MHz)	Result (dBm)	Limit (dBm)	Over Limit (dB)	ANT	Verdict
38.002	-54.91	-13.0	-41.91	Vertical	Pass
80.198	-63.15	-13.0	-50.15	Vertical	Pass
155.858	-70.66	-13.0	-57.66	Vertical	Pass
294.810	-73.31	-13.0	-60.31	Vertical	Pass
614.425	-63.06	-13.0	-50.06	Vertical	Pass
787.327	-55.33	-13.0	-42.33	Vertical	Pass
1081.500	-54.99	-13.0	-41.99	Vertical	Pass
1666.000	-53.25	-13.0	-40.25	Vertical	Pass
2454.000	-31.85	-13.0	-18.85	Vertical	Pass
3829.500	-51.44	-13.0	-38.44	Vertical	Pass
4999.500	-50.45	-13.0	-37.45	Vertical	Pass
8711.999	-40.31	-13.0	-27.31	Vertical	Pass

Band 5_1.4M_1#5_16QAM_High_Horizontal



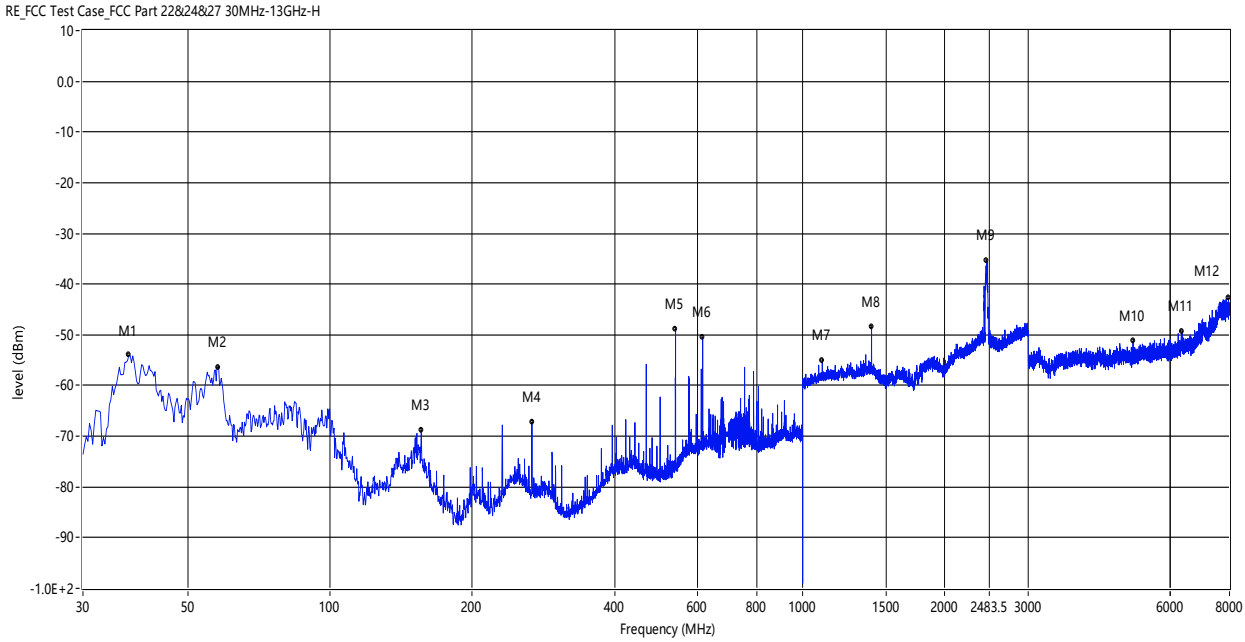
Frequency (MHz)	Result (dBm)	Limit (dBm)	Over Limit (dB)	ANT	Verdict
35.820	-62.56	-13.0	-49.56	Horizontal	Pass
55.462	-66.43	-13.0	-53.43	Horizontal	Pass
102.022	-65.90	-13.0	-52.90	Horizontal	Pass
257.950	-72.60	-13.0	-59.60	Horizontal	Pass
614.425	-60.49	-13.0	-47.49	Horizontal	Pass
894.028	-52.63	-13.0	-39.63	Horizontal	Pass
1249.500	-54.74	-13.0	-41.74	Horizontal	Pass
1697.500	-37.53	-13.0	-24.53	Horizontal	Pass
2461.000	-38.44	-13.0	-25.44	Horizontal	Pass
3907.500	-51.12	-13.0	-38.12	Horizontal	Pass
4999.500	-50.59	-13.0	-37.59	Horizontal	Pass
8731.500	-40.46	-13.0	-27.46	Horizontal	Pass

Band 5_1.4M_1#5_16QAM_High_Vertical



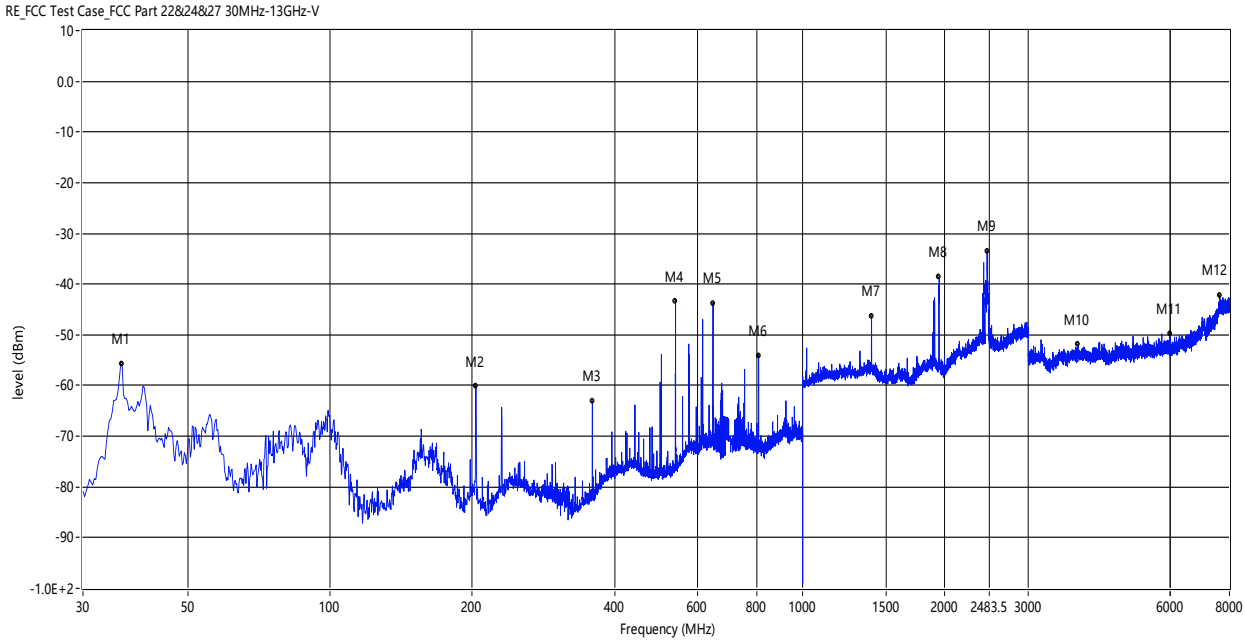
Frequency (MHz)	Result (dBm)	Limit (dBm)	Over Limit (dB)	ANT	Verdict
38.002	-54.78	-13.0	-41.78	Vertical	Pass
98.143	-64.72	-13.0	-51.72	Vertical	Pass
155.858	-70.37	-13.0	-57.37	Vertical	Pass
294.810	-74.57	-13.0	-61.57	Vertical	Pass
614.425	-62.82	-13.0	-49.82	Vertical	Pass
856.198	-54.78	-13.0	-41.78	Vertical	Pass
1081.500	-55.02	-13.0	-42.02	Vertical	Pass
1852.500	-53.54	-13.0	-40.54	Vertical	Pass
2455.500	-30.93	-13.0	-17.93	Vertical	Pass
3588.000	-51.54	-13.0	-38.54	Vertical	Pass
5892.000	-48.83	-13.0	-35.83	Vertical	Pass
8749.500	-39.78	-13.0	-26.78	Vertical	Pass

Band 12_1.4M_1#0_QPSK_Low_Horizontal



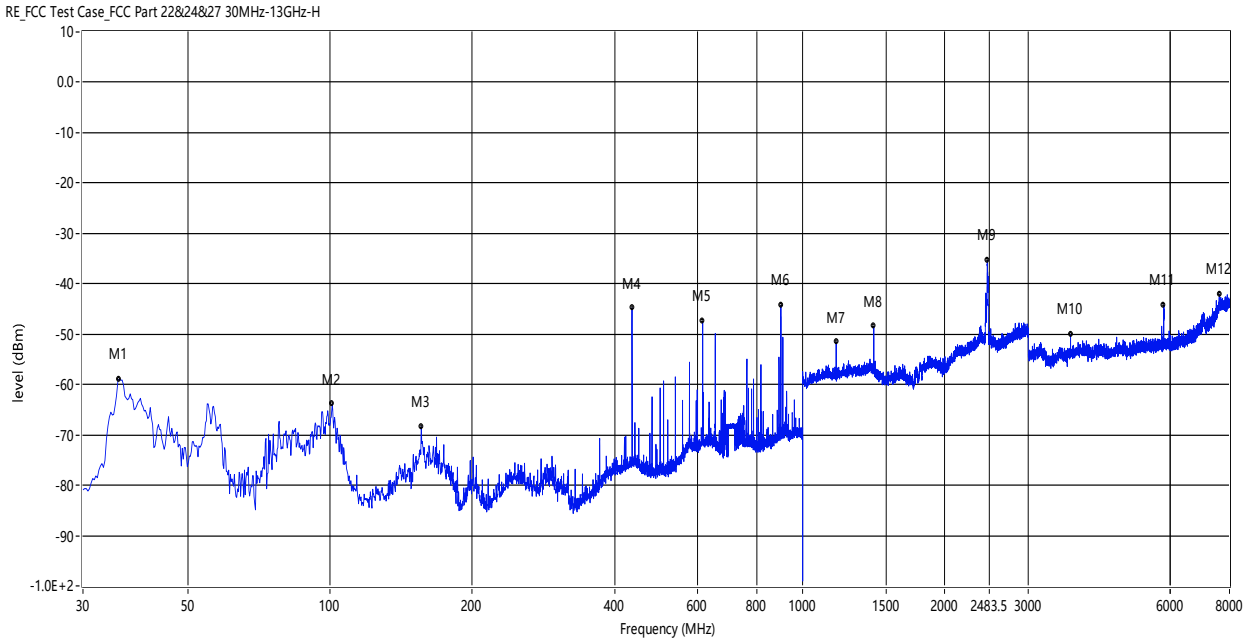
Frequency (MHz)	Result (dBm)	Limit (dBm)	Over Limit (dB)	ANT	Verdict
37.517	-54.02	-13.0	-41.02	Horizontal	Pass
57.888	-56.38	-13.0	-43.38	Horizontal	Pass
155.858	-68.89	-13.0	-55.89	Horizontal	Pass
267.408	-67.31	-13.0	-54.31	Horizontal	Pass
538.280	-48.91	-13.0	-35.91	Horizontal	Pass
614.425	-50.49	-13.0	-37.49	Horizontal	Pass
1100.000	-55.06	-13.0	-42.06	Horizontal	Pass
1398.500	-48.34	-13.0	-35.34	Horizontal	Pass
2449.500	-35.42	-13.0	-22.42	Horizontal	Pass
5000.000	-51.24	-13.0	-38.24	Horizontal	Pass
6355.000	-49.25	-13.0	-36.25	Horizontal	Pass
7960.000	-42.78	-13.0	-29.78	Horizontal	Pass

Band 12_1.4M_1#0_QPSK_Low_Vertical



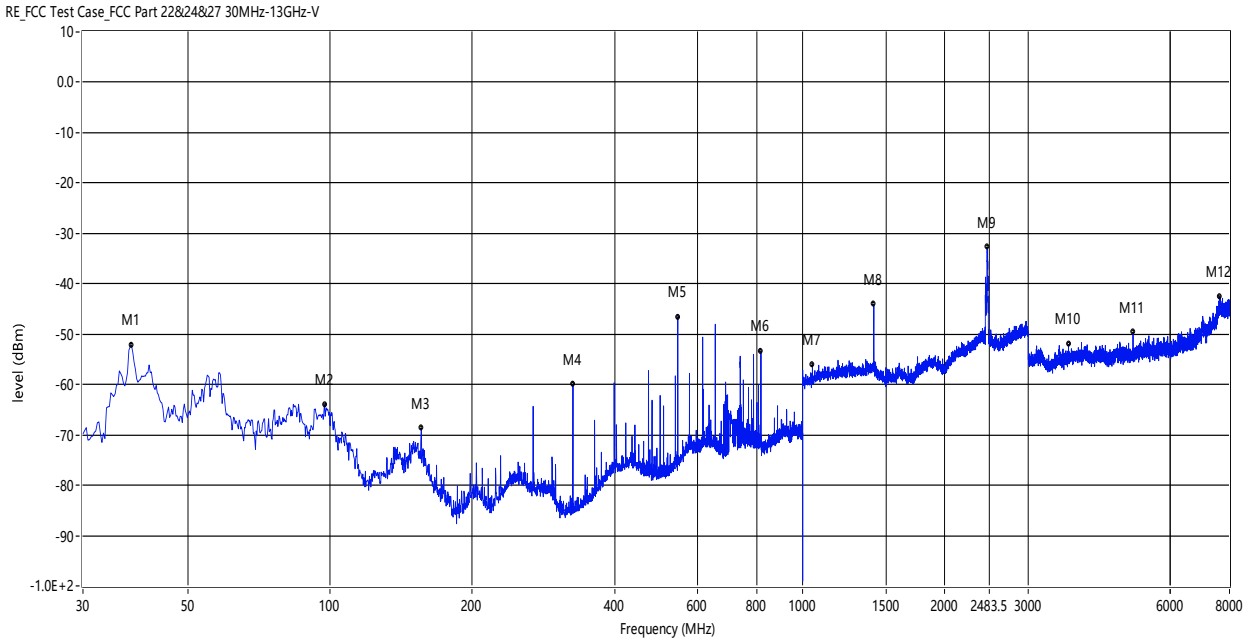
Frequency (MHz)	Result (dBm)	Limit (dBm)	Over Limit (dB)	ANT	Verdict
36.305	-55.83	-13.0	-42.83	Vertical	Pass
203.630	-60.23	-13.0	-47.23	Vertical	Pass
358.830	-63.09	-13.0	-50.09	Vertical	Pass
538.280	-43.50	-13.0	-30.50	Vertical	Pass
645.950	-43.77	-13.0	-30.77	Vertical	Pass
806.970	-54.05	-13.0	-41.05	Vertical	Pass
1398.500	-46.40	-13.0	-33.40	Vertical	Pass
1944.000	-38.65	-13.0	-25.65	Vertical	Pass
2456.000	-33.48	-13.0	-20.48	Vertical	Pass
3827.500	-51.96	-13.0	-38.96	Vertical	Pass
5987.500	-49.71	-13.0	-36.71	Vertical	Pass
7632.500	-42.22	-13.0	-29.22	Vertical	Pass

Band 12_1.4M_1#0_QPSK_Mid_Horizontal



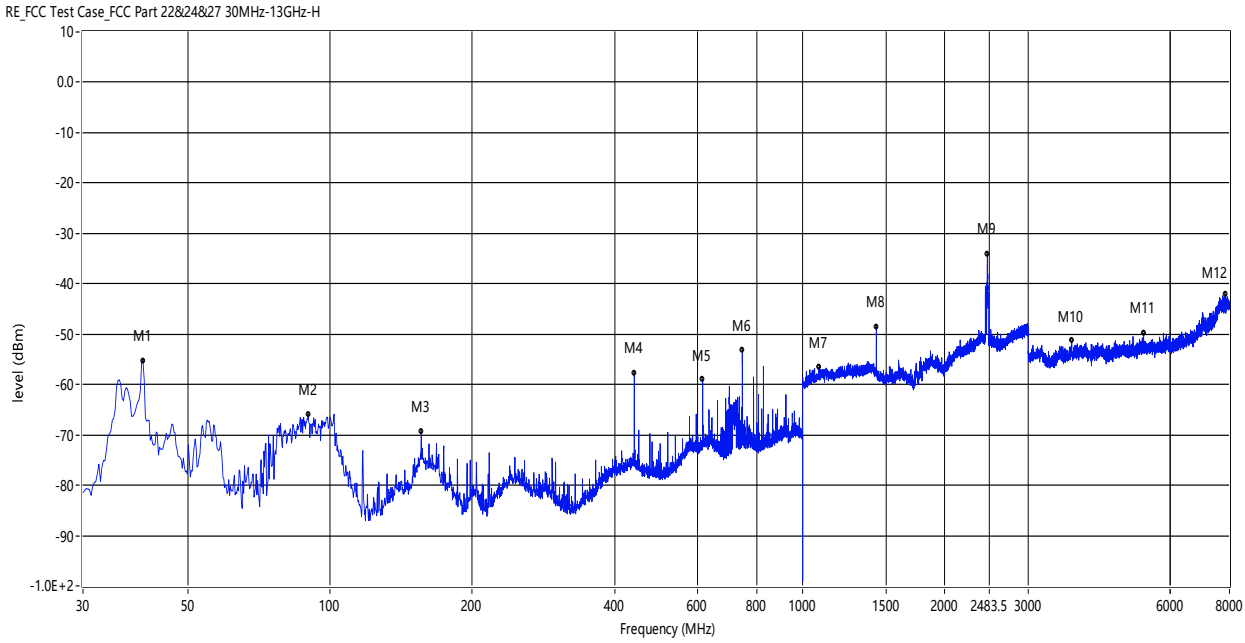
Frequency (MHz)	Result (dBm)	Limit (dBm)	Over Limit (dB)	ANT	Verdict
35.820	-58.90	-13.0	-45.90	Horizontal	Pass
101.052	-63.92	-13.0	-50.92	Horizontal	Pass
155.858	-68.40	-13.0	-55.40	Horizontal	Pass
435.460	-44.77	-13.0	-31.77	Horizontal	Pass
614.425	-47.42	-13.0	-34.42	Horizontal	Pass
899.120	-44.30	-13.0	-31.30	Horizontal	Pass
1177.000	-51.59	-13.0	-38.59	Horizontal	Pass
1414.500	-48.46	-13.0	-35.46	Horizontal	Pass
2459.000	-35.37	-13.0	-22.37	Horizontal	Pass
3688.750	-50.08	-13.0	-37.08	Horizontal	Pass
5805.000	-44.19	-13.0	-31.19	Horizontal	Pass
7620.000	-42.14	-13.0	-29.14	Horizontal	Pass

Band 12_1.4M_1#0_QPSK_Mid_Vertical



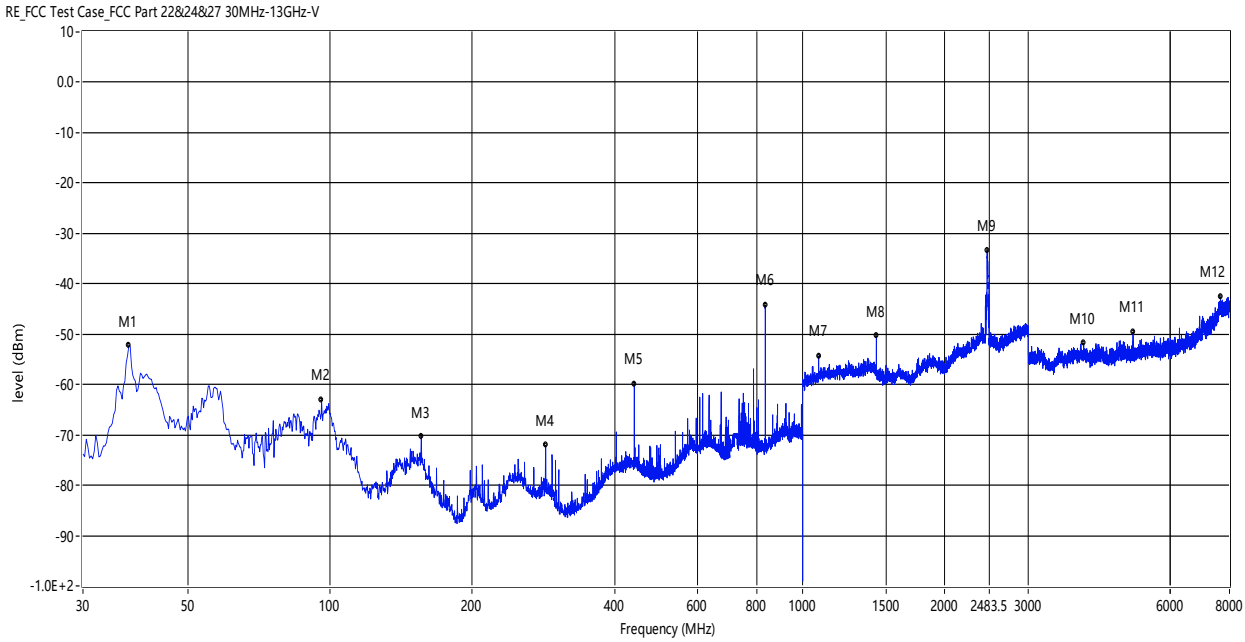
Frequency (MHz)	Result (dBm)	Limit (dBm)	Over Limit (dB)	ANT	Verdict
38.002	-52.28	-13.0	-39.28	Vertical	Pass
97.415	-63.98	-13.0	-50.98	Vertical	Pass
155.858	-68.70	-13.0	-55.70	Vertical	Pass
326.578	-60.04	-13.0	-47.04	Vertical	Pass
544.343	-46.57	-13.0	-33.57	Vertical	Pass
816.185	-53.33	-13.0	-40.33	Vertical	Pass
1048.500	-56.05	-13.0	-43.05	Vertical	Pass
1414.500	-44.12	-13.0	-31.12	Vertical	Pass
2456.000	-32.77	-13.0	-19.77	Vertical	Pass
3652.500	-52.03	-13.0	-39.03	Vertical	Pass
5000.000	-49.67	-13.0	-36.67	Vertical	Pass
7632.500	-42.52	-13.0	-29.52	Vertical	Pass

Band 12_1.4M_1#5_QPSK_High_Horizontal



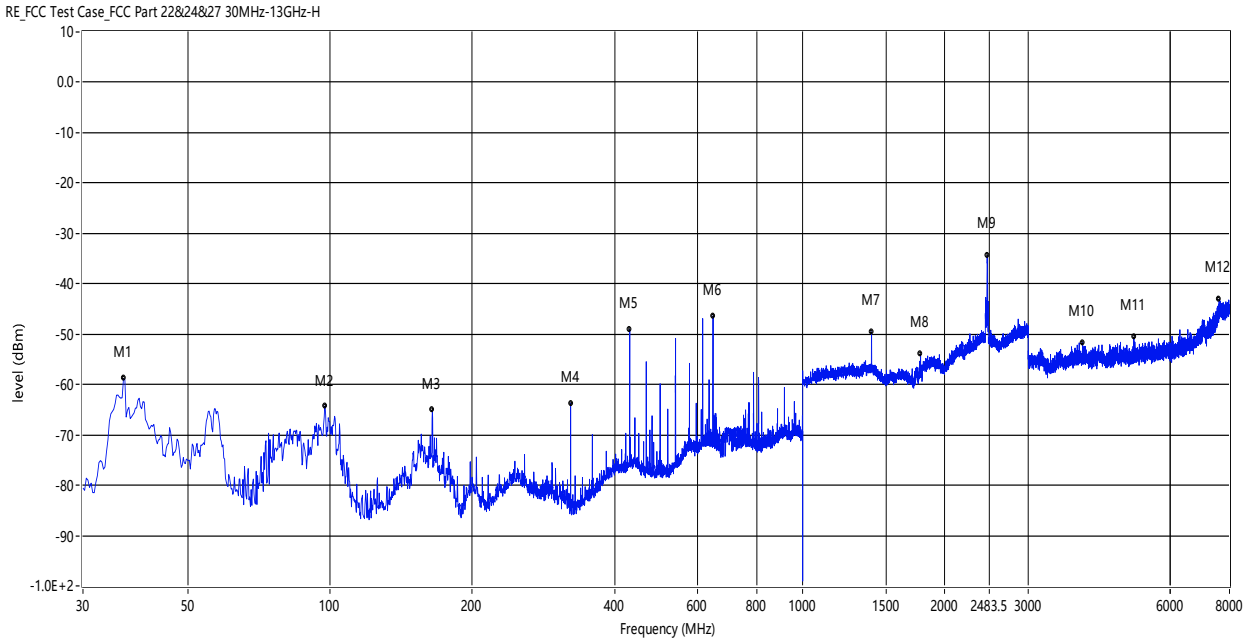
Frequency (MHz)	Result (dBm)	Limit (dBm)	Over Limit (dB)	ANT	Verdict
40.185	-55.29	-13.0	-42.29	Horizontal	Pass
89.897	-66.02	-13.0	-53.02	Horizontal	Pass
155.858	-69.43	-13.0	-56.43	Horizontal	Pass
440.068	-57.68	-13.0	-44.68	Horizontal	Pass
614.425	-59.05	-13.0	-46.05	Horizontal	Pass
745.132	-53.27	-13.0	-40.27	Horizontal	Pass
1081.000	-56.64	-13.0	-43.64	Horizontal	Pass
1432.000	-48.51	-13.0	-35.51	Horizontal	Pass
2458.500	-34.06	-13.0	-21.06	Horizontal	Pass
3710.000	-51.38	-13.0	-38.38	Horizontal	Pass
5265.000	-49.82	-13.0	-36.82	Horizontal	Pass
7858.750	-42.22	-13.0	-29.22	Horizontal	Pass

Band 12_1.4M_1#5_QPSK_High_Vertical



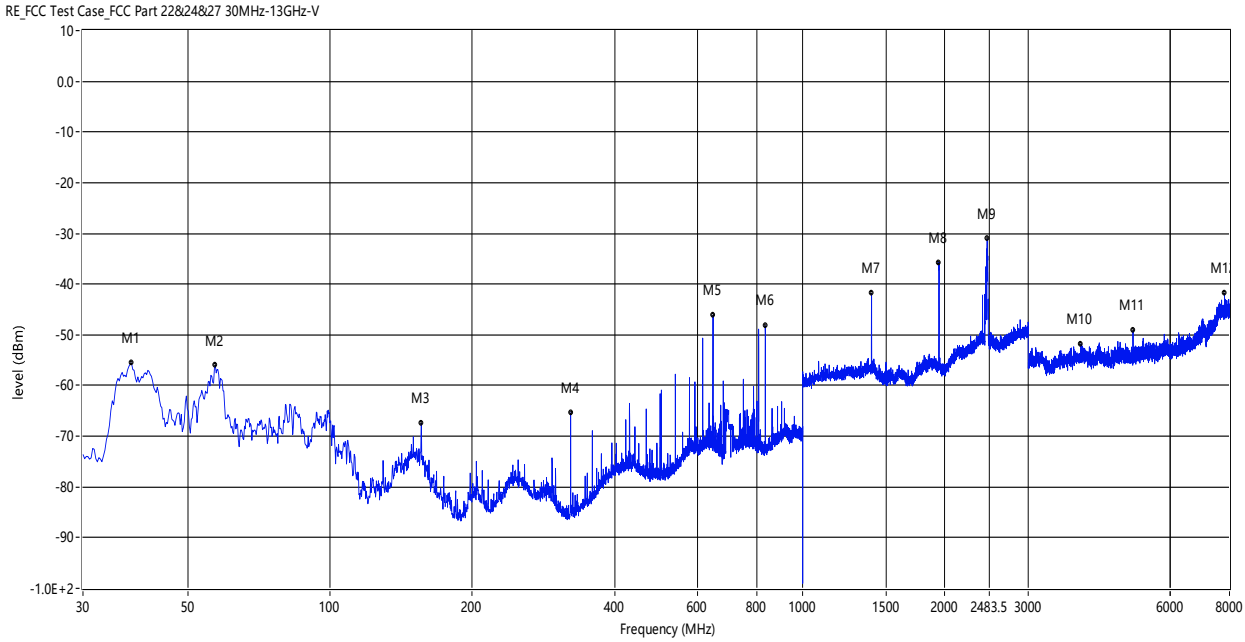
Frequency (MHz)	Result (dBm)	Limit (dBm)	Over Limit (dB)	ANT	Verdict
37.517	-52.31	-13.0	-39.31	Vertical	Pass
95.960	-63.05	-13.0	-50.05	Vertical	Pass
155.858	-70.39	-13.0	-57.39	Vertical	Pass
285.838	-72.08	-13.0	-59.08	Vertical	Pass
440.068	-59.85	-13.0	-46.85	Vertical	Pass
833.160	-44.30	-13.0	-31.30	Vertical	Pass
1081.500	-54.33	-13.0	-41.33	Vertical	Pass
1432.000	-50.37	-13.0	-37.37	Vertical	Pass
2456.000	-33.34	-13.0	-20.34	Vertical	Pass
3932.500	-51.85	-13.0	-38.85	Vertical	Pass
5000.000	-49.67	-13.0	-36.67	Vertical	Pass
7658.750	-42.63	-13.0	-29.63	Vertical	Pass

Band 12_1.4M_1#0_16QAM_Low_Horizontal



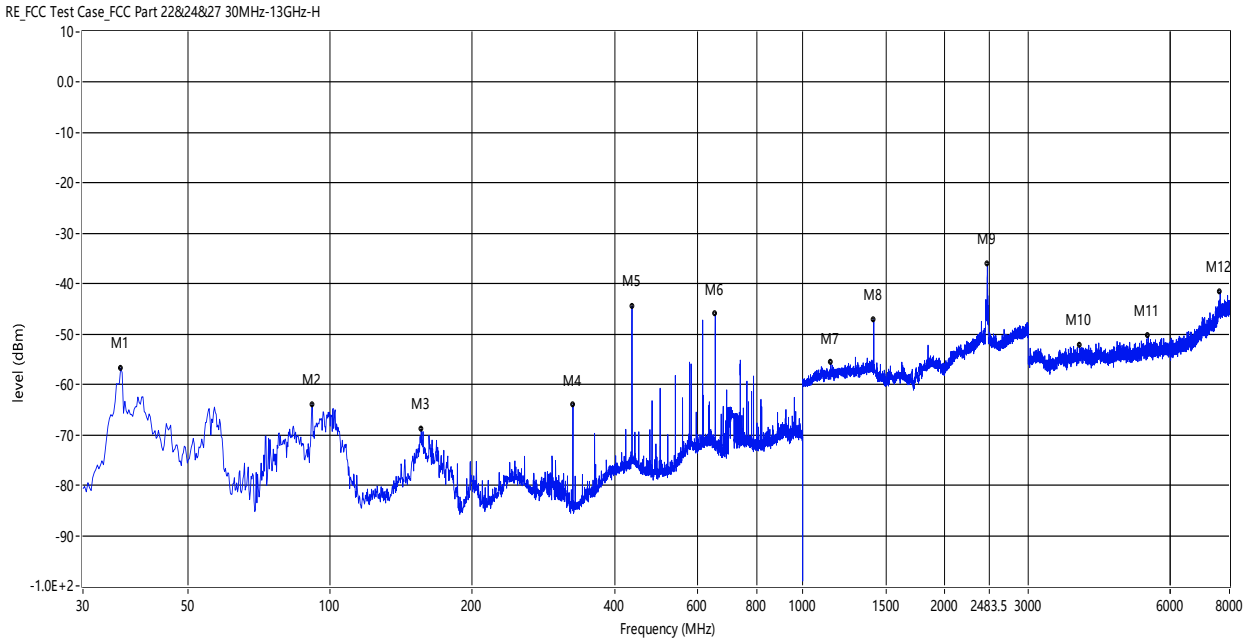
Frequency (MHz)	Result (dBm)	Limit (dBm)	Over Limit (dB)	ANT	Verdict
36.547	-58.81	-13.0	-45.81	Horizontal	Pass
97.415	-64.27	-13.0	-51.27	Horizontal	Pass
164.587	-65.09	-13.0	-52.09	Horizontal	Pass
322.940	-63.71	-13.0	-50.71	Horizontal	Pass
430.610	-49.07	-13.0	-36.07	Horizontal	Pass
645.950	-46.37	-13.0	-33.37	Horizontal	Pass
1398.500	-49.54	-13.0	-36.54	Horizontal	Pass
1776.500	-54.03	-13.0	-41.03	Horizontal	Pass
2459.000	-34.35	-13.0	-21.35	Horizontal	Pass
3911.250	-51.68	-13.0	-38.68	Horizontal	Pass
5021.250	-50.60	-13.0	-37.60	Horizontal	Pass
7605.000	-43.09	-13.0	-30.09	Horizontal	Pass

Band 12_1.4M_1#0_16QAM_Low_Vertical



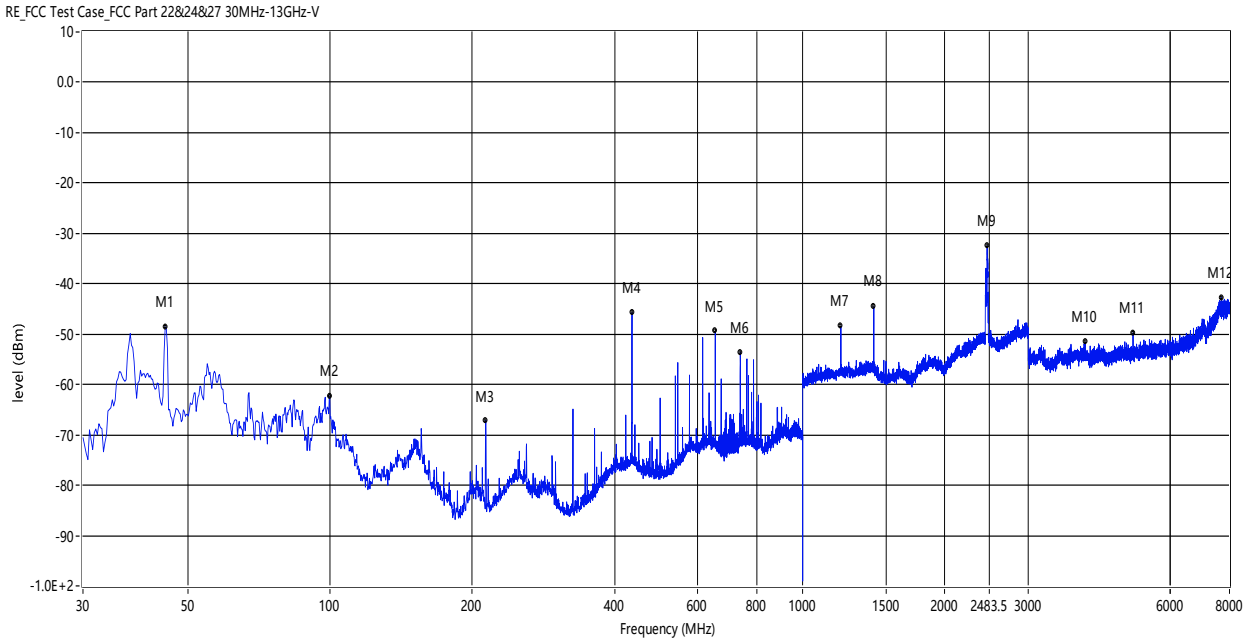
Frequency (MHz)	Result (dBm)	Limit (dBm)	Over Limit (dB)	ANT	Verdict
38.002	-55.58	-13.0	-42.58	Vertical	Pass
57.160	-56.08	-13.0	-43.08	Vertical	Pass
155.858	-67.43	-13.0	-54.43	Vertical	Pass
322.940	-65.40	-13.0	-52.40	Vertical	Pass
645.950	-46.15	-13.0	-33.15	Vertical	Pass
833.402	-48.22	-13.0	-35.22	Vertical	Pass
1398.500	-41.86	-13.0	-28.86	Vertical	Pass
1942.000	-35.75	-13.0	-22.75	Vertical	Pass
2456.000	-31.10	-13.0	-18.10	Vertical	Pass
3880.000	-51.78	-13.0	-38.78	Vertical	Pass
5000.000	-49.19	-13.0	-36.19	Vertical	Pass
7810.000	-41.82	-13.0	-28.82	Vertical	Pass

Band 12_1.4M_1#0_16QAM_Mid_Horizontal



Frequency (MHz)	Result (dBm)	Limit (dBm)	Over Limit (dB)	ANT	Verdict
36.062	-56.71	-13.0	-43.71	Horizontal	Pass
91.595	-64.01	-13.0	-51.01	Horizontal	Pass
155.858	-68.86	-13.0	-55.86	Horizontal	Pass
326.578	-64.00	-13.0	-51.00	Horizontal	Pass
435.460	-44.43	-13.0	-31.43	Horizontal	Pass
653.225	-46.05	-13.0	-33.05	Horizontal	Pass
1147.500	-55.70	-13.0	-42.70	Horizontal	Pass
1414.000	-47.12	-13.0	-34.12	Horizontal	Pass
2458.500	-36.10	-13.0	-23.10	Horizontal	Pass
3850.000	-52.20	-13.0	-39.20	Horizontal	Pass
5381.250	-50.34	-13.0	-37.34	Horizontal	Pass
7643.750	-41.56	-13.0	-28.56	Horizontal	Pass

Band 12_1.4M_1#0_16QAM_Mid_Vertical



Frequency (MHz)	Result (dBm)	Limit (dBm)	Over Limit (dB)	ANT	Verdict
44.792	-48.56	-13.0	-35.56	Vertical	Pass
99.840	-62.27	-13.0	-49.27	Vertical	Pass
213.572	-67.08	-13.0	-54.08	Vertical	Pass
435.460	-45.73	-13.0	-32.73	Vertical	Pass
653.225	-49.41	-13.0	-36.41	Vertical	Pass
737.857	-53.63	-13.0	-40.63	Vertical	Pass
1204.500	-48.39	-13.0	-35.39	Vertical	Pass
1414.500	-44.54	-13.0	-31.54	Vertical	Pass
2455.500	-32.43	-13.0	-19.43	Vertical	Pass
3963.750	-51.55	-13.0	-38.55	Vertical	Pass
5000.000	-49.73	-13.0	-36.73	Vertical	Pass
7691.250	-42.75	-13.0	-29.75	Vertical	Pass