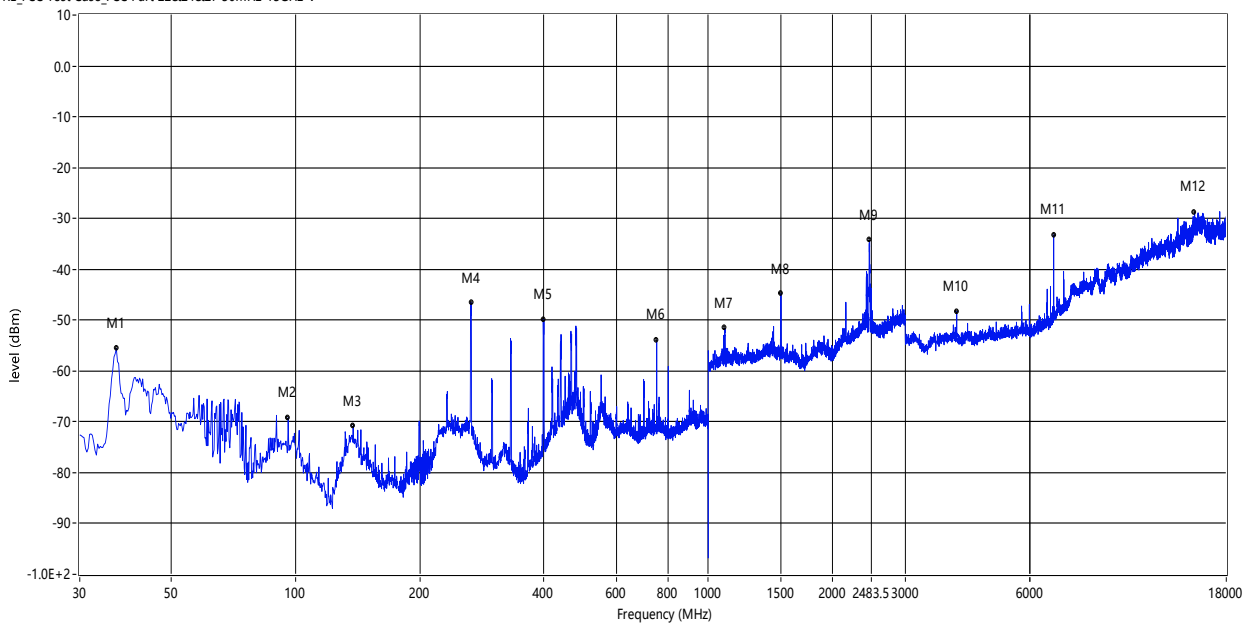


Band 4_BPSK_15kHz_1#0_High_V

RE_FCC Test Case_FCC Part 22&24&27 30MHz-13GHz-V

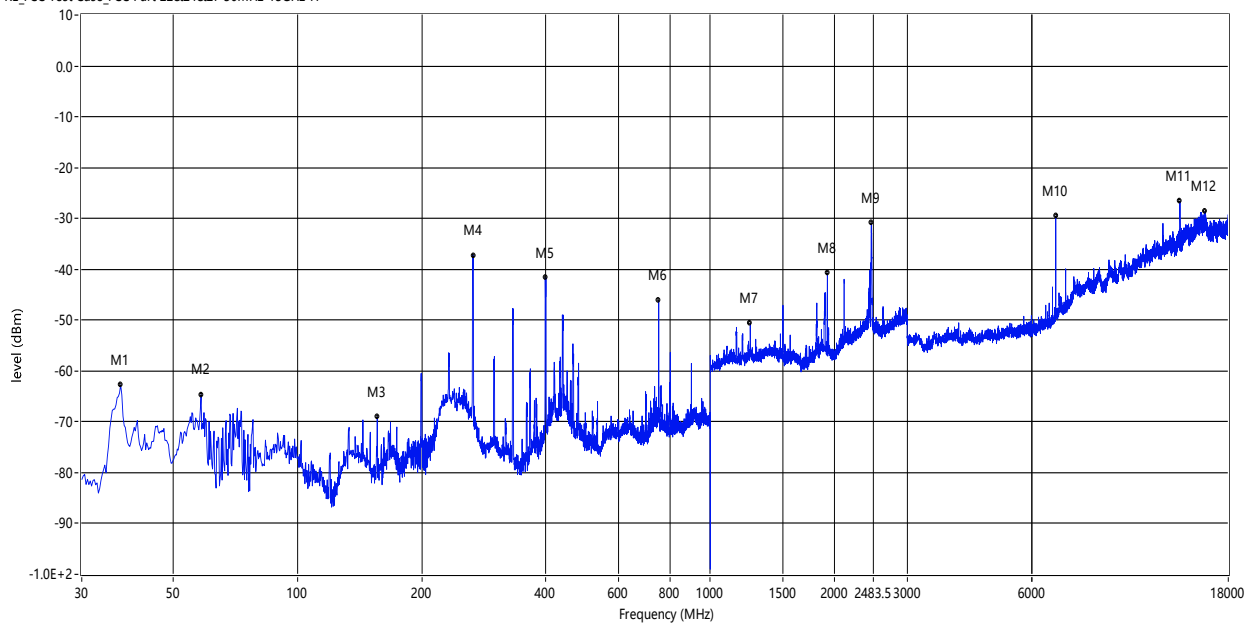


Frequency (MHz)	Result (dBm)	Limit (dBm)	Over Limit (dB)	ANT	Verdict
36.790	-55.56	-13.0	-42.56	Vertical	Pass
95.960	-69.18	-13.0	-56.18	Vertical	Pass
137.913	-70.80	-13.0	-57.80	Vertical	Pass
266.438	-46.56	-13.0	-33.56	Vertical	Pass
398.358	-49.87	-13.0	-36.87	Vertical	Pass
749.982	-53.88	-13.0	-40.88	Vertical	Pass
1095.500	-51.53	-13.0	-38.53	Vertical	Pass
1500.000	-44.75	-13.0	-31.75	Vertical	Pass
2460.000	-34.24	-13.0	-21.24	Vertical	Pass
4000.000	-48.29	-13.0	-35.29	Vertical	Pass
6872.500	-33.21	-13.0	-20.21	Vertical	Pass
15087.500	-28.93	-13.0	-15.93	Vertical	Pass



Band 4_BPSK_15kHz_1#11_Low_H

RE_FCC Test Case_FCC Part 22&24&27 30MHz-13GHz-H

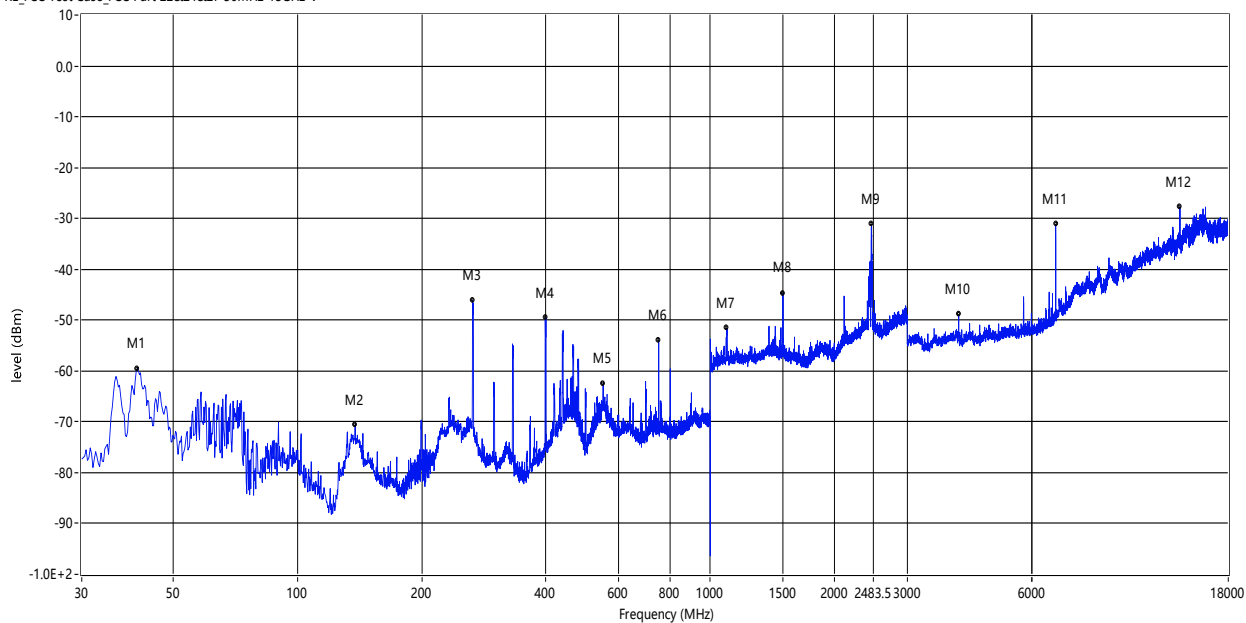


Frequency (MHz)	Result (dBm)	PK Limit (dBm)	Over Limit (dB)	ANT	Verdict
37.275	-62.73	-13.0	-49.73	Horizontal	Pass
58.373	-64.69	-13.0	-51.69	Horizontal	Pass
156.100	-69.01	-13.0	-56.01	Horizontal	Pass
266.438	-37.28	-13.0	-24.28	Horizontal	Pass
399.813	-41.68	-13.0	-28.68	Horizontal	Pass
749.982	-46.12	-13.0	-33.12	Horizontal	Pass
1250.000	-50.61	-13.0	-37.61	Horizontal	Pass
1922.000	-40.74	-13.0	-27.74	Horizontal	Pass
2456.500	-30.92	-13.0	-17.92	Horizontal	Pass
6875.000	-29.52	-13.0	-16.52	Horizontal	Pass
13745.000	-26.62	-13.0	-13.62	Horizontal	Pass
15827.500	-28.67	-13.0	-15.67	Horizontal	Pass



Band 4_BPSK_15kHz_1#11_Low_V

RE_FCC Test Case_FCC Part 22&24&27 30MHz-13GHz-V

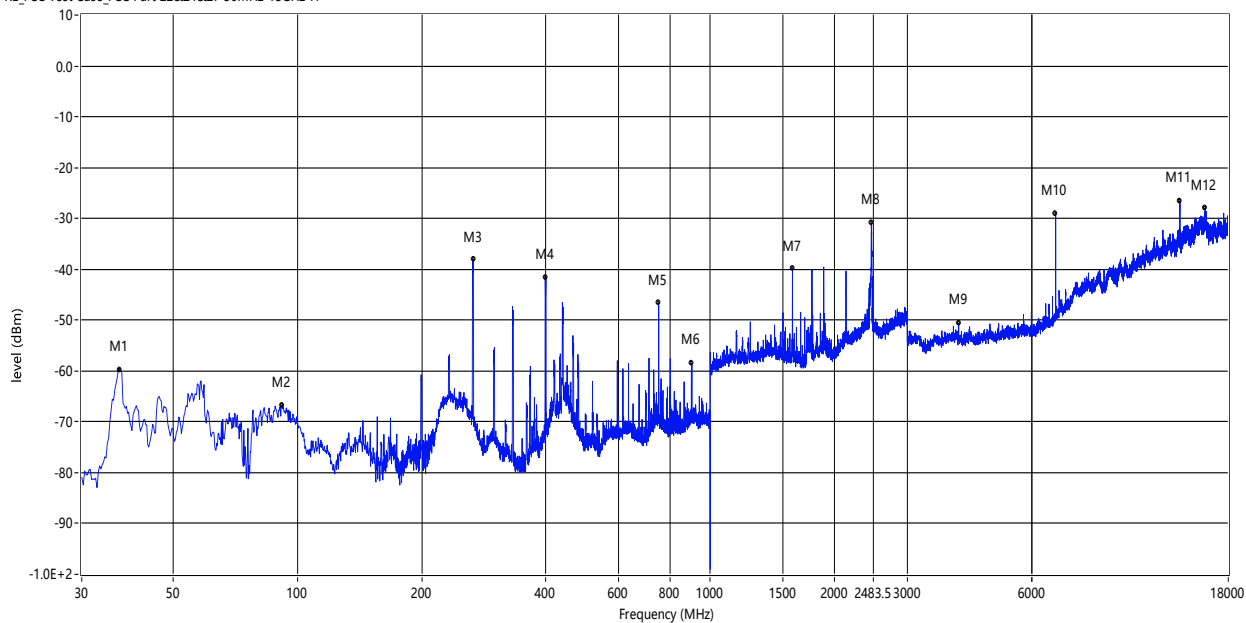


Frequency (MHz)	Result (dBm)	Limit (dBm)	Over Limit (dB)	ANT	Verdict
40.913	-59.51	-13.0	-46.51	Vertical	Pass
137.913	-70.59	-13.0	-57.59	Vertical	Pass
265.468	-46.12	-13.0	-33.12	Vertical	Pass
399.813	-49.53	-13.0	-36.53	Vertical	Pass
549.920	-62.44	-13.0	-49.44	Vertical	Pass
749.982	-53.94	-13.0	-40.94	Vertical	Pass
1096.500	-51.56	-13.0	-38.56	Vertical	Pass
1500.500	-44.70	-13.0	-31.70	Vertical	Pass
2458.500	-31.18	-13.0	-18.18	Vertical	Pass
4000.000	-48.93	-13.0	-35.93	Vertical	Pass
6872.500	-31.14	-13.0	-18.14	Vertical	Pass
13745.000	-27.73	-13.0	-14.73	Vertical	Pass



Band 4_BPSK_15kHz_1#11_Mid_H

RE_FCC Test Case_FCC Part 22&24&27 30MHz-13GHz-H

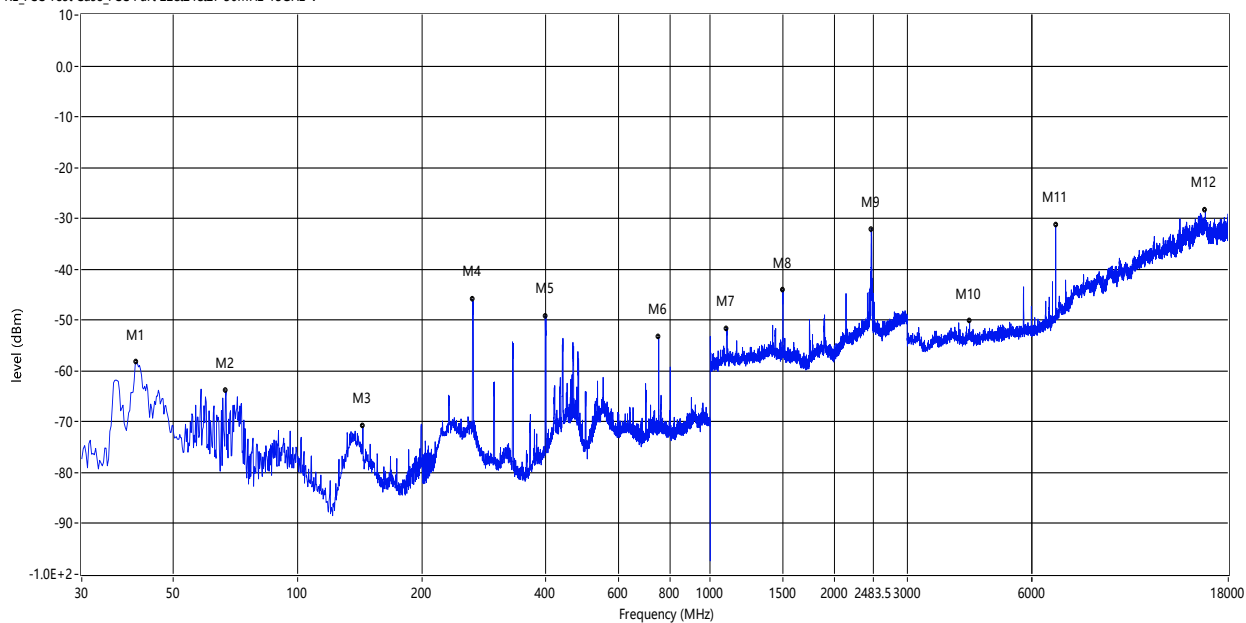


Frequency (MHz)	Result (dBm)	Limit (dBm)	Over Limit (dB)	ANT	Verdict
37.032	-59.72	-13.0	-46.72	Horizontal	Pass
91.838	-66.78	-13.0	-53.78	Horizontal	Pass
266.438	-38.05	-13.0	-25.05	Horizontal	Pass
399.813	-41.63	-13.0	-28.63	Horizontal	Pass
749.982	-46.66	-13.0	-33.66	Horizontal	Pass
902.515	-58.53	-13.0	-45.53	Horizontal	Pass
1582.500	-39.79	-13.0	-26.79	Horizontal	Pass
2458.500	-30.96	-13.0	-17.96	Horizontal	Pass
4000.000	-50.67	-13.0	-37.67	Horizontal	Pass
6870.000	-29.17	-13.0	-16.17	Horizontal	Pass
13743.750	-26.55	-13.0	-13.55	Horizontal	Pass
15817.500	-27.86	-13.0	-14.86	Horizontal	Pass



Band 4_BPSK_15kHz_1#11_Mid_V

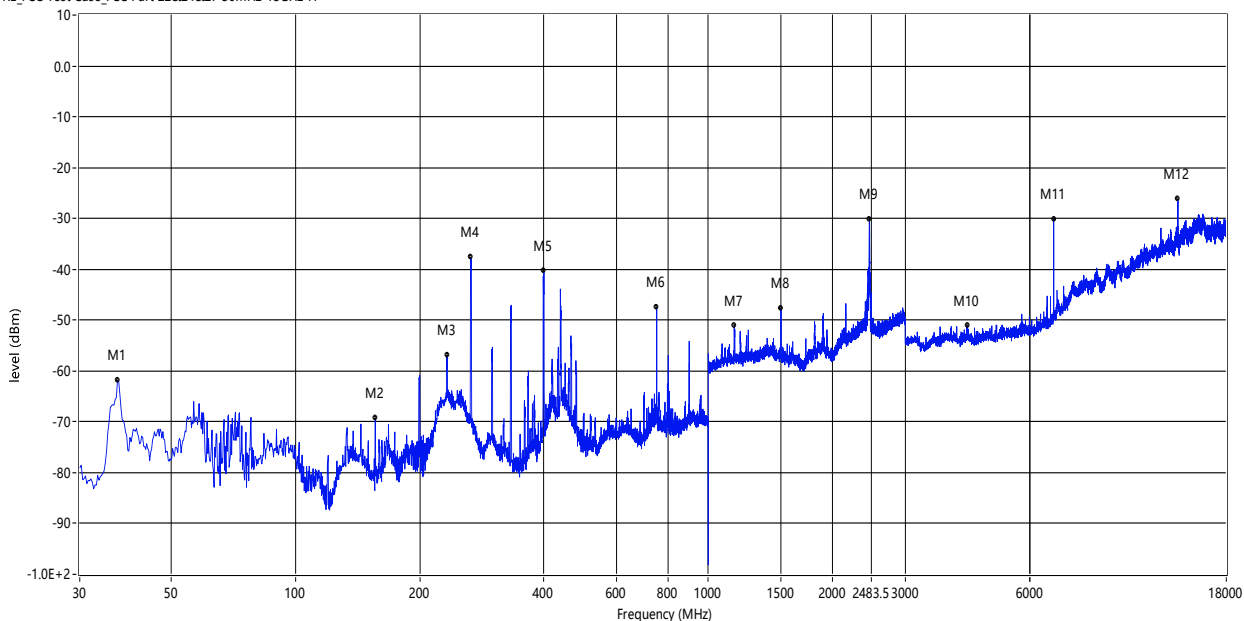
RE_FCC Test Case_FCC Part 22&24&27 30MHz-13GHz-V



Frequency (MHz)	Result (dBm)	Limit (dBm)	Over Limit (dB)	ANT	Verdict
40.670	-58.26	-13.0	-45.26	Vertical	Pass
67.103	-63.90	-13.0	-50.90	Vertical	Pass
143.975	-70.93	-13.0	-57.93	Vertical	Pass
265.468	-45.90	-13.0	-32.90	Vertical	Pass
399.813	-49.15	-13.0	-36.15	Vertical	Pass
749.982	-53.33	-13.0	-40.33	Vertical	Pass
1096.000	-51.55	-13.0	-38.55	Vertical	Pass
1500.500	-44.11	-13.0	-31.11	Vertical	Pass
2458.500	-32.13	-13.0	-19.13	Vertical	Pass
4250.000	-50.21	-13.0	-37.21	Vertical	Pass
6872.500	-31.38	-13.0	-18.38	Vertical	Pass
15838.750	-28.48	-13.0	-15.48	Vertical	Pass

Band 4_BPSK_15kHz_1#11_High_H

RE_FCC Test Case_FCC Part 22&24&27 30MHz-13GHz-H

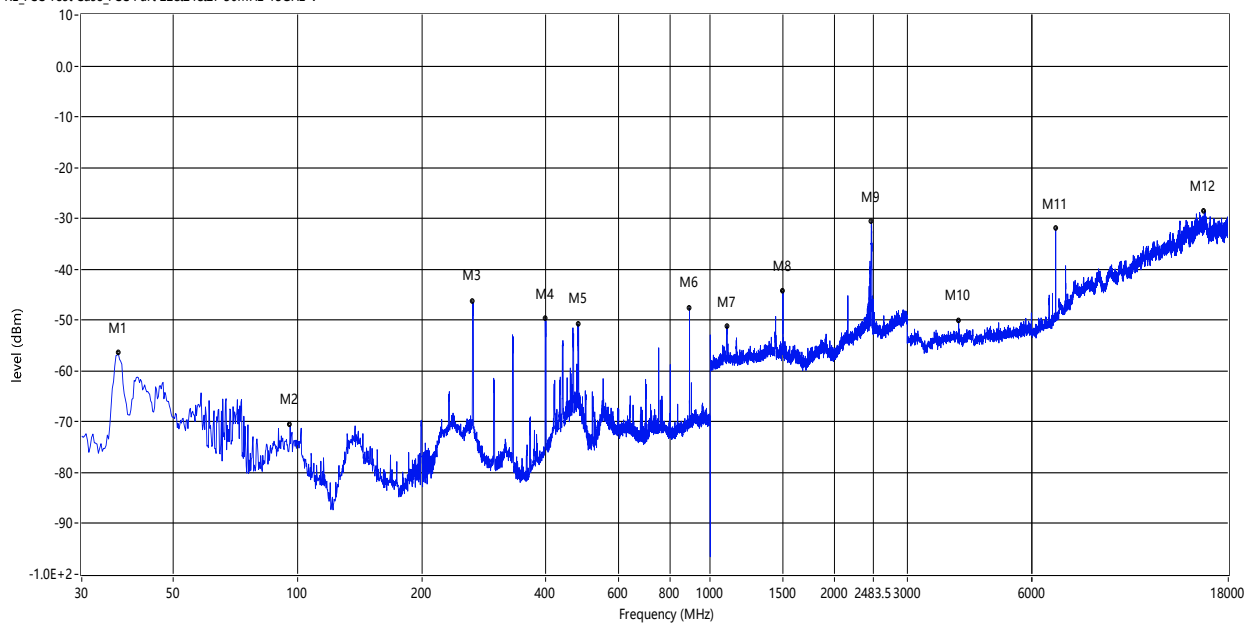


Frequency (MHz)	Result (dBm)	Limit (dBm)	Over Limit (dB)	ANT	Verdict
37.032	-61.87	-13.0	-48.87	Horizontal	Pass
155.858	-69.32	-13.0	-56.32	Horizontal	Pass
233.215	-56.98	-13.0	-43.98	Horizontal	Pass
265.468	-37.64	-13.0	-24.64	Horizontal	Pass
399.813	-40.30	-13.0	-27.30	Horizontal	Pass
749.982	-47.43	-13.0	-34.43	Horizontal	Pass
1158.000	-51.06	-13.0	-38.06	Horizontal	Pass
1500.000	-47.67	-13.0	-34.67	Horizontal	Pass
2458.500	-30.29	-13.0	-17.29	Horizontal	Pass
4250.000	-51.10	-13.0	-38.10	Horizontal	Pass
6872.500	-30.17	-13.0	-17.17	Horizontal	Pass
13745.000	-26.21	-13.0	-13.21	Horizontal	Pass



Band 4_BPSK_15kHz_1#11_High_V

RE_FCC Test Case_FCC Part 22&24&27 30MHz-13GHz-V

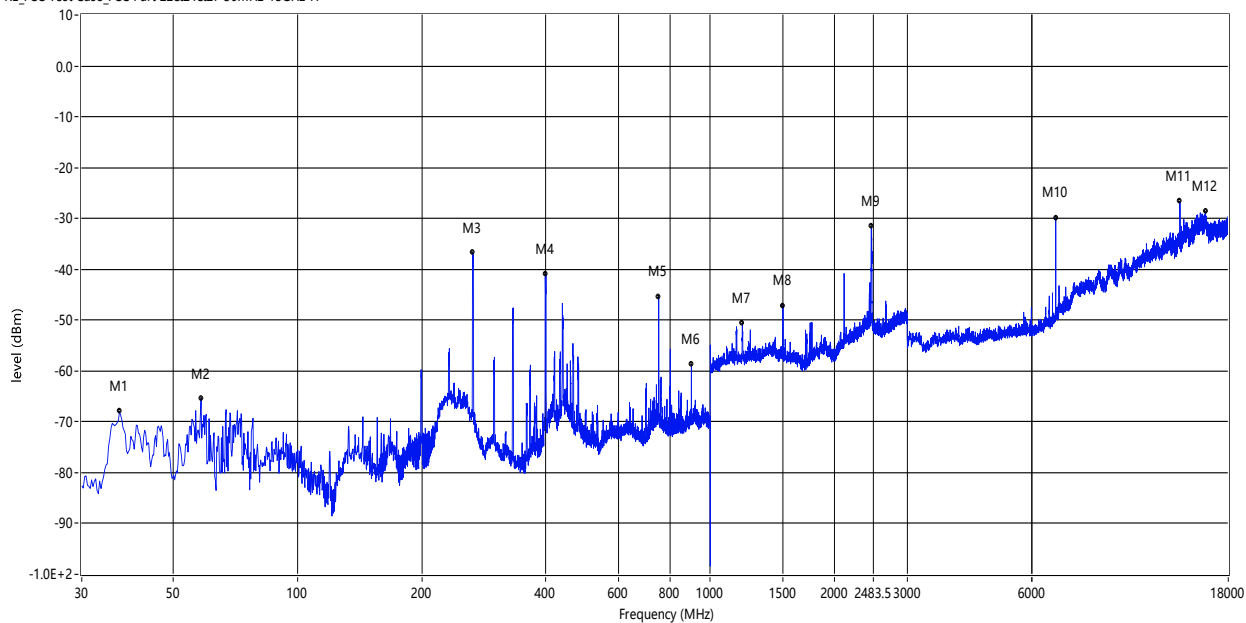


Frequency (MHz)	Result (dBm)	Limit (dBm)	Over Limit (dB)	ANT	Verdict
36.790	-56.55	-13.0	-43.55	Vertical	Pass
95.960	-70.69	-13.0	-57.69	Vertical	Pass
265.468	-46.44	-13.0	-33.44	Vertical	Pass
398.358	-49.82	-13.0	-36.82	Vertical	Pass
479.838	-50.78	-13.0	-37.78	Vertical	Pass
890.875	-47.61	-13.0	-34.61	Vertical	Pass
1098.000	-51.24	-13.0	-38.24	Vertical	Pass
1500.500	-44.41	-13.0	-31.41	Vertical	Pass
2457.000	-30.65	-13.0	-17.65	Vertical	Pass
3997.500	-50.11	-13.0	-37.11	Vertical	Pass
6872.500	-32.09	-13.0	-19.09	Vertical	Pass
15738.750	-28.60	-13.0	-15.60	Vertical	Pass



Band 4_QPSK_15kHz_12#0_Low_H

RE_FCC Test Case_FCC Part 22&24&27 30MHz-13GHz-H

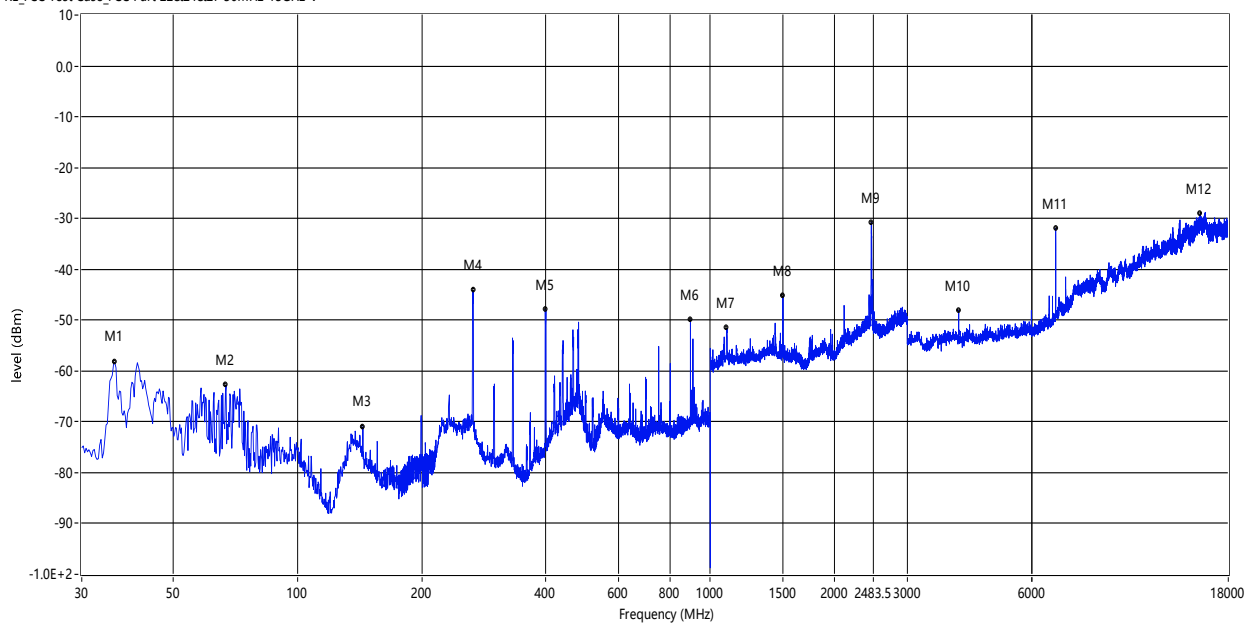


Frequency (MHz)	Result (dBm)	Limit (dBm)	Over Limit (dB)	ANT	Verdict
37.032	-67.98	-13.0	-54.98	Horizontal	Pass
58.373	-65.38	-13.0	-52.38	Horizontal	Pass
265.468	-36.68	-13.0	-23.68	Horizontal	Pass
399.813	-41.03	-13.0	-28.03	Horizontal	Pass
749.982	-45.34	-13.0	-32.34	Horizontal	Pass
900.090	-58.75	-13.0	-45.75	Horizontal	Pass
1196.000	-50.70	-13.0	-37.70	Horizontal	Pass
1500.000	-47.16	-13.0	-34.16	Horizontal	Pass
2455.500	-31.49	-13.0	-18.49	Horizontal	Pass
6872.500	-29.86	-13.0	-16.86	Horizontal	Pass
13745.000	-26.67	-13.0	-13.67	Horizontal	Pass
15855.000	-28.64	-13.0	-15.64	Horizontal	Pass



Band 4_QPSK_15kHz_12#0_Low_V

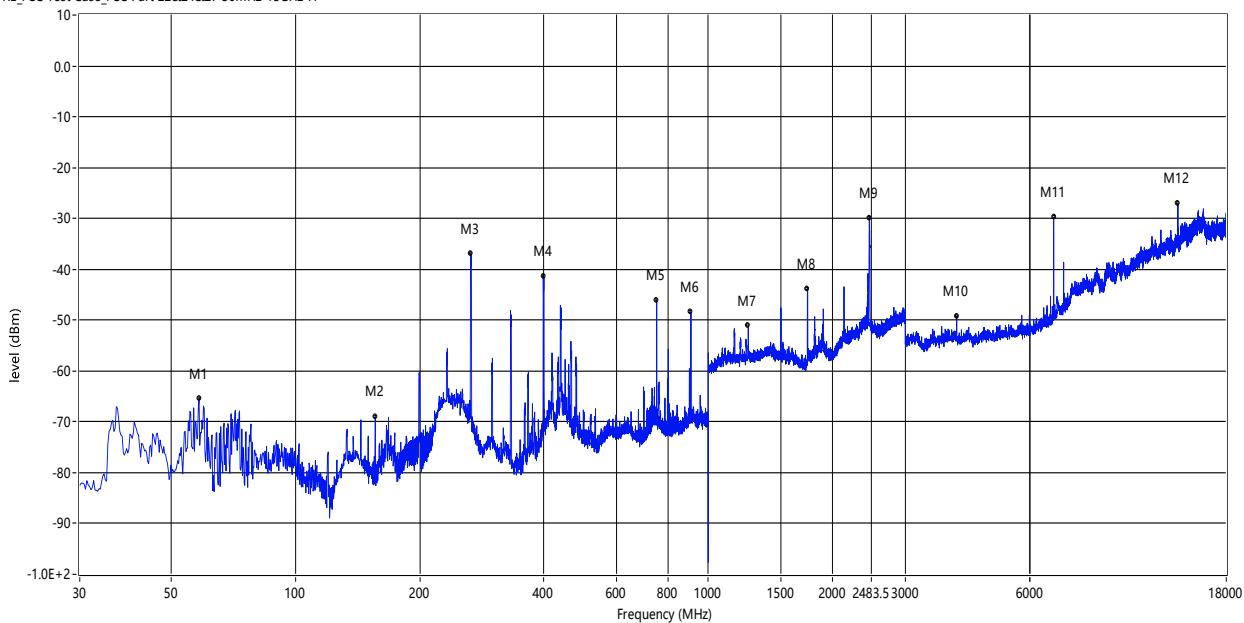
RE_FCC Test Case_FCC Part 22&24&27 30MHz-13GHz-V



Frequency (MHz)	Result (dBm)	Limit (dBm)	Over Limit (dB)	ANT	Verdict
36.062	-58.29	-13.0	-45.29	Vertical	Pass
67.103	-62.76	-13.0	-49.76	Vertical	Pass
143.975	-70.96	-13.0	-57.96	Vertical	Pass
266.438	-44.17	-13.0	-31.17	Vertical	Pass
398.358	-47.93	-13.0	-34.93	Vertical	Pass
895.240	-49.99	-13.0	-36.99	Vertical	Pass
1096.000	-51.61	-13.0	-38.61	Vertical	Pass
1500.500	-45.34	-13.0	-32.34	Vertical	Pass
2456.000	-30.86	-13.0	-17.86	Vertical	Pass
4000.000	-48.09	-13.0	-35.09	Vertical	Pass
6872.500	-31.93	-13.0	-18.93	Vertical	Pass
15386.250	-29.14	-13.0	-16.14	Vertical	Pass

Band 4_QPSK_15kHz_12#0_Mid_H

RE_FCC Test Case_FCC Part 22&24&27 30MHz-13GHz-H

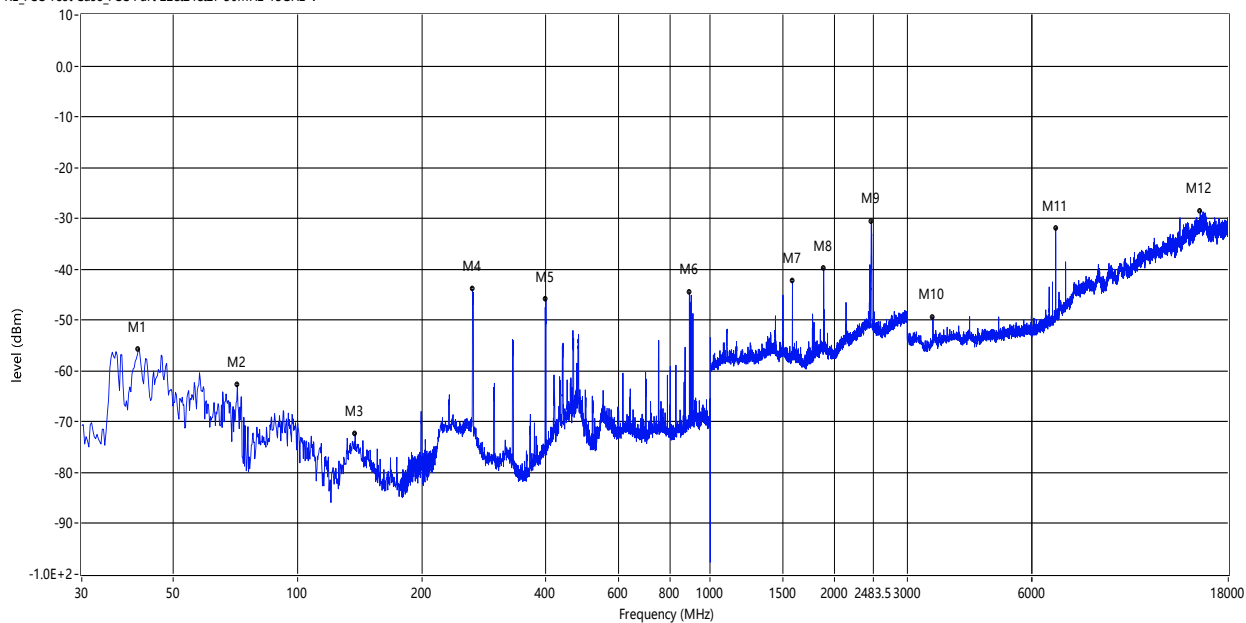


Frequency (MHz)	Result (dBm)	Limit (dBm)	Over Limit (dB)	ANT	Verdict
58.373	-65.43	-13.0	-52.43	Horizontal	Pass
155.858	-69.07	-13.0	-56.07	Horizontal	Pass
265.468	-36.93	-13.0	-23.93	Horizontal	Pass
399.813	-41.48	-13.0	-28.48	Horizontal	Pass
749.982	-46.17	-13.0	-33.17	Horizontal	Pass
907.850	-48.47	-13.0	-35.47	Horizontal	Pass
1250.000	-51.13	-13.0	-38.13	Horizontal	Pass
1740.500	-43.92	-13.0	-30.92	Horizontal	Pass
2456.000	-29.96	-13.0	-16.96	Horizontal	Pass
4000.000	-49.25	-13.0	-36.25	Horizontal	Pass
6872.500	-29.79	-13.0	-16.79	Horizontal	Pass
13742.500	-27.08	-13.0	-14.08	Horizontal	Pass



Band 4_QPSK_15kHz_12#0_Mid_V

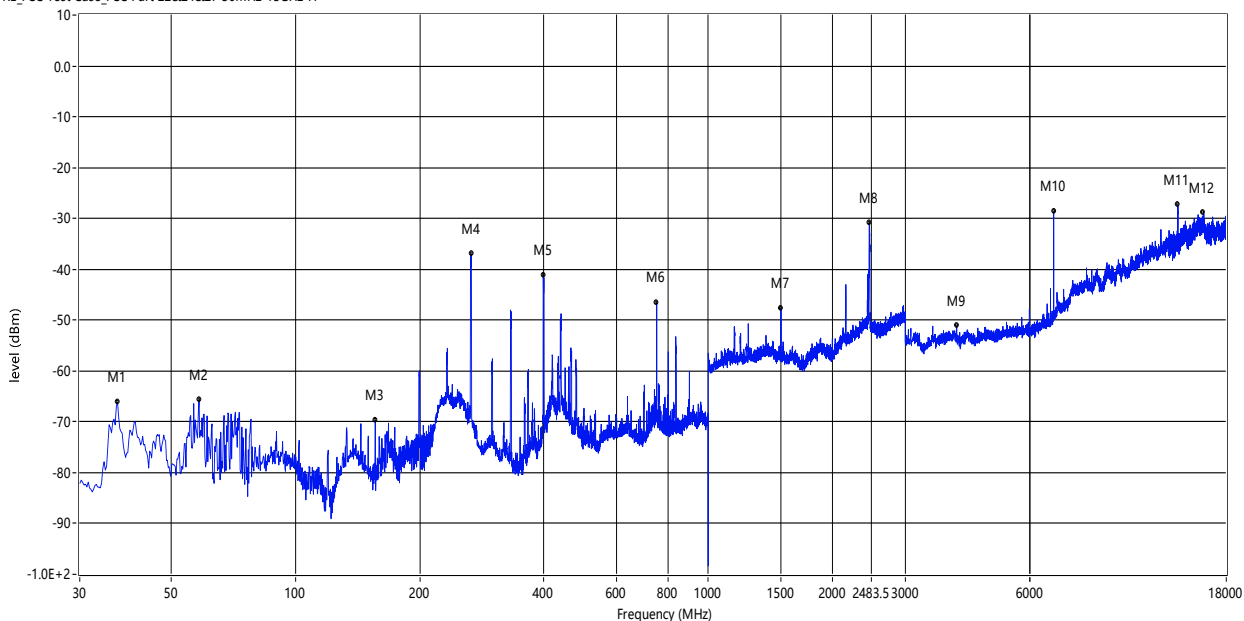
RE_FCC Test Case_FCC Part 22&24&27 30MHz-13GHz-V



Frequency (MHz)	Result (dBm)	Limit (dBm)	Over Limit (dB)	ANT	Verdict
41.155	-55.76	-13.0	-42.76	Vertical	Pass
71.467	-62.82	-13.0	-49.82	Vertical	Pass
137.913	-72.31	-13.0	-59.31	Vertical	Pass
265.468	-43.90	-13.0	-30.90	Vertical	Pass
399.813	-45.99	-13.0	-32.99	Vertical	Pass
890.390	-44.61	-13.0	-31.61	Vertical	Pass
1582.000	-42.31	-13.0	-29.31	Vertical	Pass
1883.500	-39.74	-13.0	-26.74	Vertical	Pass
2456.500	-30.58	-13.0	-17.58	Vertical	Pass
3465.000	-49.43	-13.0	-36.43	Vertical	Pass
6872.500	-31.91	-13.0	-18.91	Vertical	Pass
15406.250	-28.62	-13.0	-15.62	Vertical	Pass

Band 4_QPSK_15kHz_12#0_High_H

RE_FCC Test Case_FCC Part 22&24&27 30MHz-13GHz-H

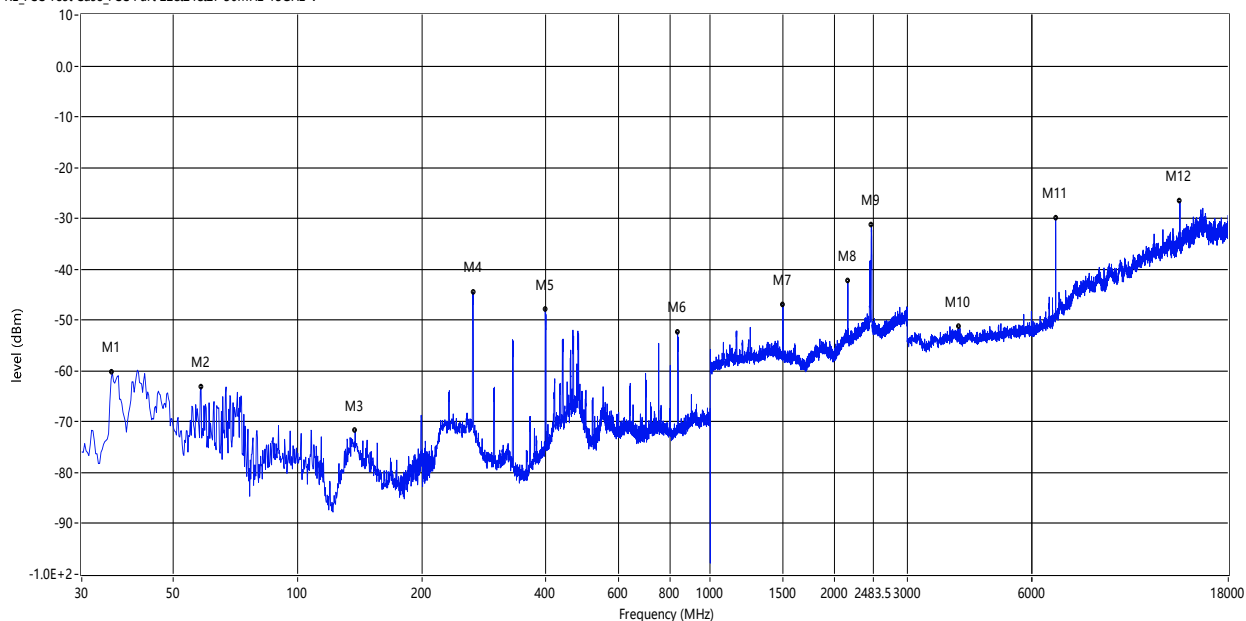


Frequency (MHz)	Result (dBm)	Limit (dBm)	Over Limit (dB)	ANT	Verdict
37.032	-66.12	-13.0	-53.12	Horizontal	Pass
58.373	-65.67	-13.0	-52.67	Horizontal	Pass
155.858	-69.78	-13.0	-56.78	Horizontal	Pass
266.438	-37.03	-13.0	-24.03	Horizontal	Pass
398.358	-41.27	-13.0	-28.27	Horizontal	Pass
749.982	-46.49	-13.0	-33.49	Horizontal	Pass
1500.500	-47.73	-13.0	-34.73	Horizontal	Pass
2456.500	-30.89	-13.0	-17.89	Horizontal	Pass
4000.000	-51.11	-13.0	-38.11	Horizontal	Pass
6872.500	-28.70	-13.0	-15.70	Horizontal	Pass
13743.750	-27.33	-13.0	-14.33	Horizontal	Pass
15831.250	-28.92	-13.0	-15.92	Horizontal	Pass



Band 4_QPSK_15kHz_12#0_High_V

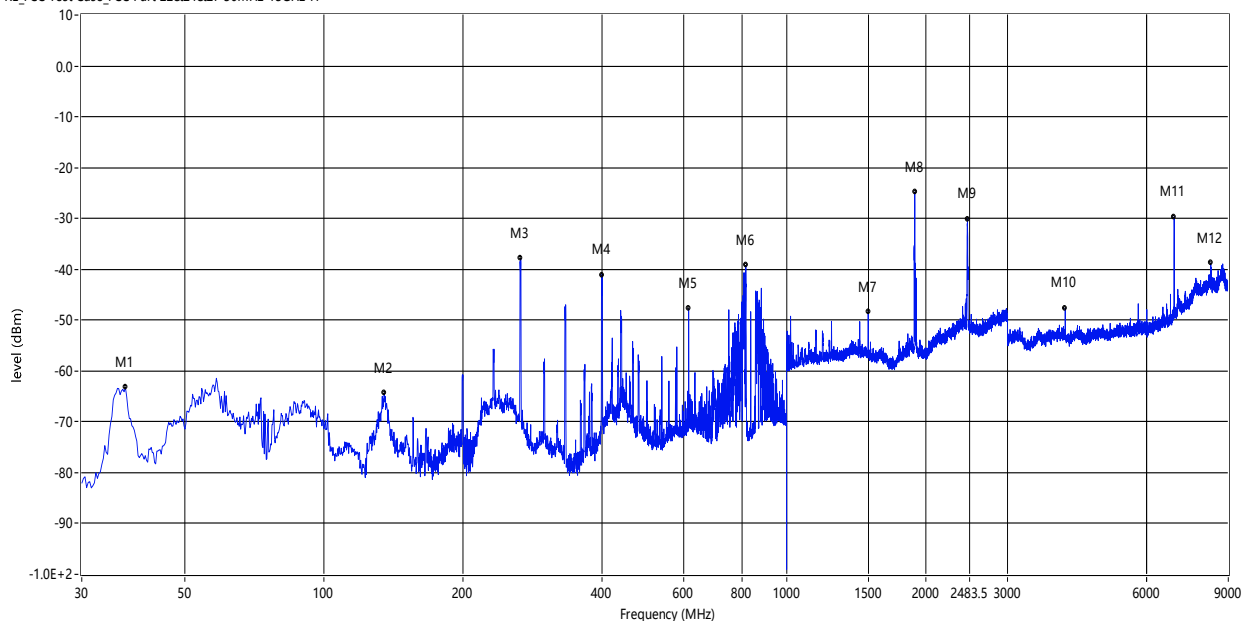
RE_FCC Test Case_FCC Part 22&24&27 30MHz-13GHz-V



Frequency (MHz)	Result (dBm)	Limit (dBm)	Over Limit (dB)	ANT	Verdict
35.578	-60.25	-13.0	-47.25	Vertical	Pass
58.373	-63.23	-13.0	-50.23	Vertical	Pass
137.913	-71.77	-13.0	-58.77	Vertical	Pass
266.438	-44.52	-13.0	-31.52	Vertical	Pass
398.358	-48.00	-13.0	-35.00	Vertical	Pass
833.645	-52.41	-13.0	-39.41	Vertical	Pass
1500.500	-46.97	-13.0	-33.97	Vertical	Pass
2155.500	-42.38	-13.0	-29.38	Vertical	Pass
2456.500	-31.32	-13.0	-18.32	Vertical	Pass
4000.000	-51.39	-13.0	-38.39	Vertical	Pass
6872.500	-30.02	-13.0	-17.02	Vertical	Pass
13745.000	-26.65	-13.0	-13.65	Vertical	Pass

Band 5_QPSK_3.75kHz_1#0_Low_H

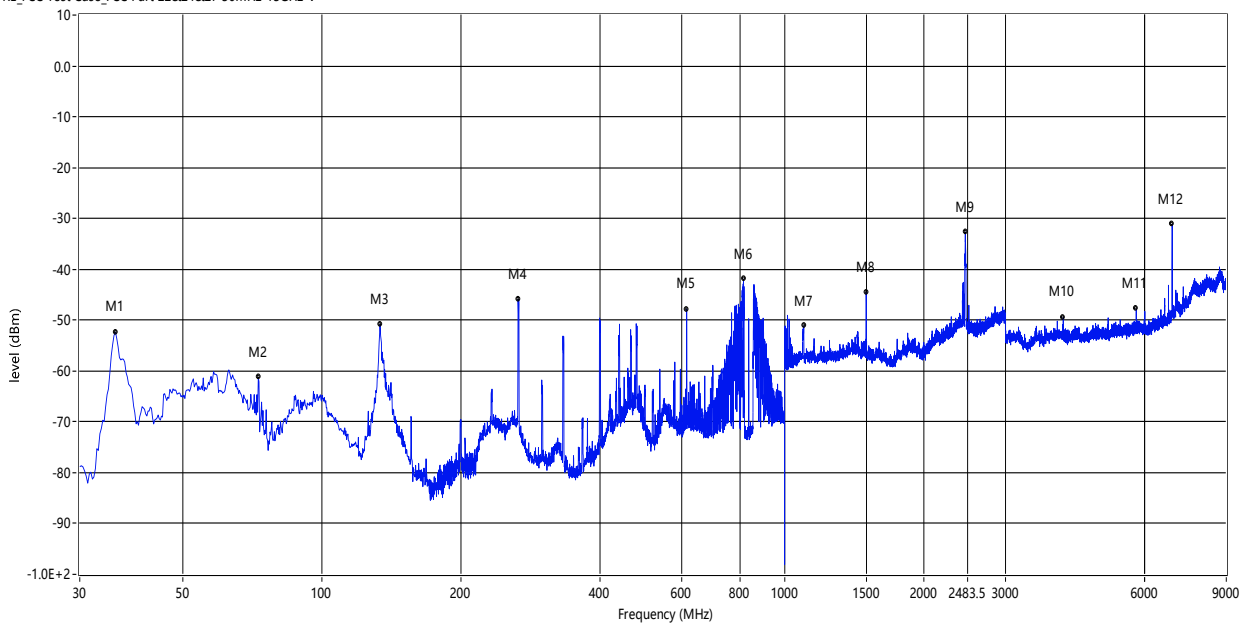
RE_FCC Test Case_FCC Part 22&24&27 30MHz-13GHz-H



Frequency (MHz)	Result (dBm)	Limit (dBm)	Over Limit (dB)	ANT	Verdict
37.275	-63.26	-13.0	-50.26	Horizontal	Pass
135.002	-64.38	-13.0	-51.38	Horizontal	Pass
266.438	-37.90	-13.0	-24.90	Horizontal	Pass
398.358	-41.08	-13.0	-28.08	Horizontal	Pass
614.425	-47.77	-13.0	-34.77	Horizontal	Pass
816.428	-39.21	-13.0	-26.21	Horizontal	Pass
1500.500	-48.38	-13.0	-35.38	Horizontal	Pass
1892.000	-24.80	-13.0	-11.80	Horizontal	Pass
2458.500	-30.10	-13.0	-17.10	Horizontal	Pass
3999.000	-47.60	-13.0	-34.60	Horizontal	Pass
6874.500	-29.68	-13.0	-16.68	Horizontal	Pass
8250.000	-38.78	-13.0	-25.78	Horizontal	Pass

Band 5_QPSK_3.75kHz_1#0_Low_V

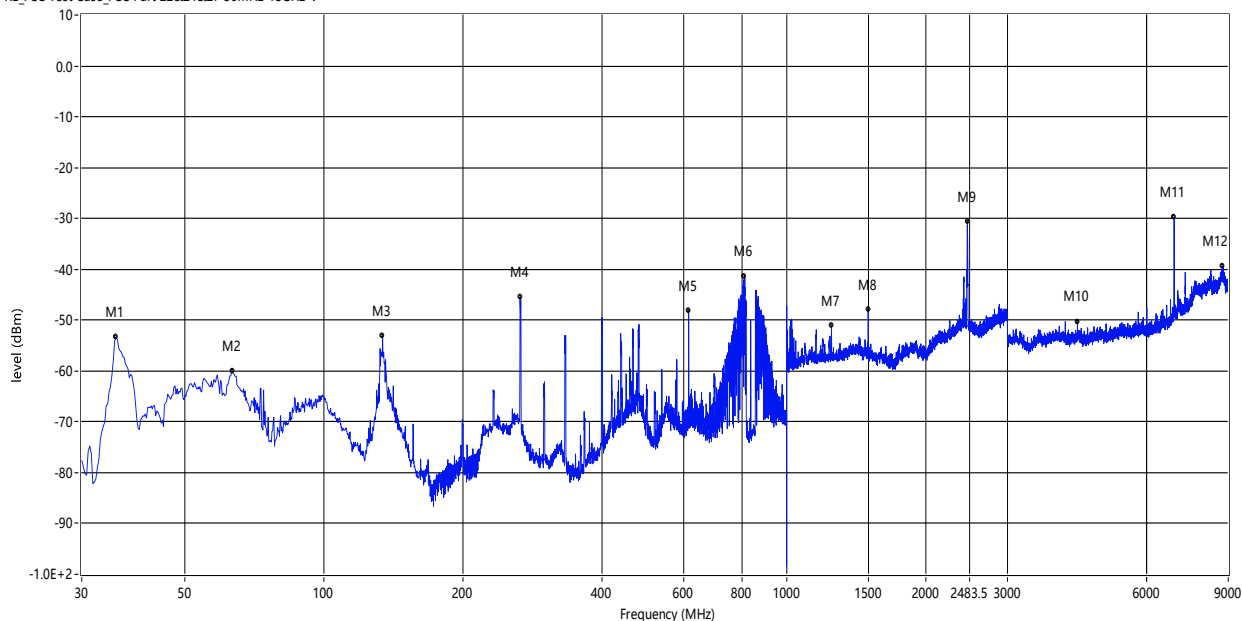
RE_FCC Test Case_FCC Part 22&24&27 30MHz-13GHz-V



Frequency (MHz)	Result (dBm)	Limit (dBm)	Over Limit (dB)	ANT	Verdict
35.820	-52.35	-13.0	-39.35	Vertical	Pass
72.923	-61.25	-13.0	-48.25	Vertical	Pass
133.548	-50.84	-13.0	-37.84	Vertical	Pass
265.468	-45.92	-13.0	-32.92	Vertical	Pass
614.425	-47.81	-13.0	-34.81	Vertical	Pass
814.972	-41.94	-13.0	-28.94	Vertical	Pass
1100.000	-51.15	-13.0	-38.15	Vertical	Pass
1500.000	-44.51	-13.0	-31.51	Vertical	Pass
2456.500	-32.70	-13.0	-19.70	Vertical	Pass
3999.000	-49.43	-13.0	-36.43	Vertical	Pass
5749.500	-47.78	-13.0	-34.78	Vertical	Pass
6874.500	-31.16	-13.0	-18.16	Vertical	Pass

Band 5_QPSK_3.75kHz_1#0_High_H

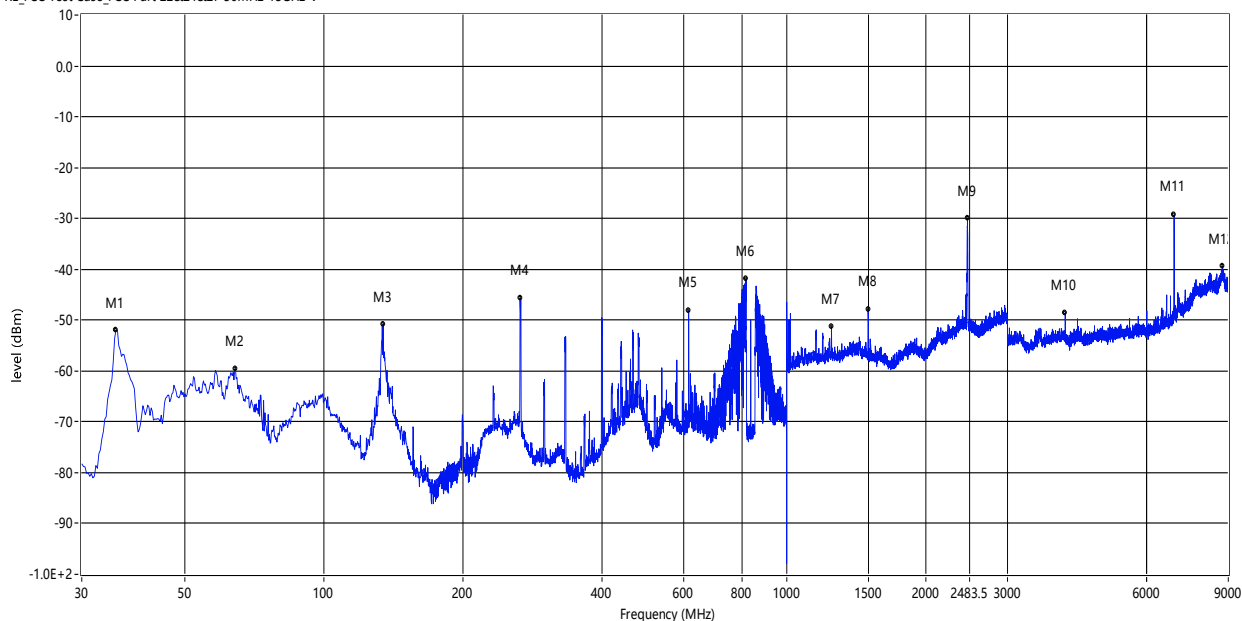
RE_FCC Test Case_FCC Part 22&24&27 30MHz-13GHz-V



Frequency (MHz)	Result (dBm)	Limit (dBm)	Over Limit (dB)	ANT	Verdict
35.578	-53.33	-13.0	-40.33	Vertical	Pass
63.465	-60.07	-13.0	-47.07	Vertical	Pass
134.033	-53.18	-13.0	-40.18	Vertical	Pass
265.468	-45.53	-13.0	-32.53	Vertical	Pass
614.425	-48.05	-13.0	-35.05	Vertical	Pass
810.365	-41.50	-13.0	-28.50	Vertical	Pass
1250.000	-51.14	-13.0	-38.14	Vertical	Pass
1500.500	-48.03	-13.0	-35.03	Vertical	Pass
2458.500	-30.63	-13.0	-17.63	Vertical	Pass
4249.500	-50.30	-13.0	-37.30	Vertical	Pass
6873.000	-29.74	-13.0	-16.74	Vertical	Pass
8740.500	-39.46	-13.0	-26.46	Vertical	Pass

Band 5_QPSK_3.75kHz_1#0_High_V

RE_FCC Test Case_FCC Part 22&24&27 30MHz-13GHz-V

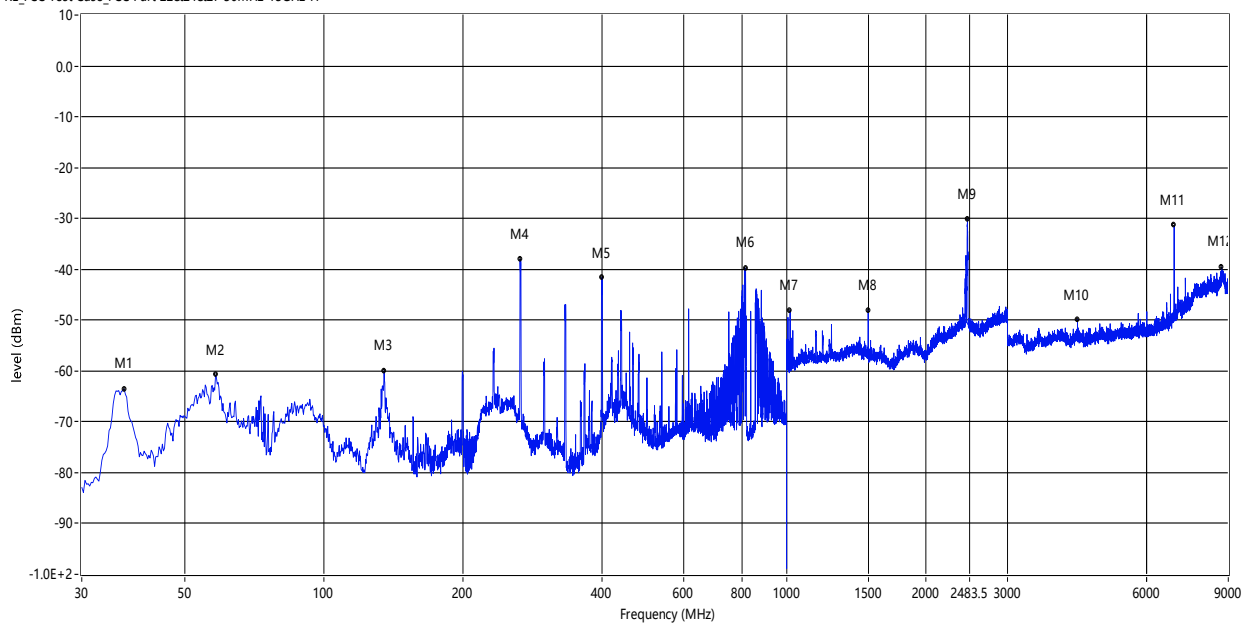


Frequency (MHz)	Result (dBm)	Limit (dBm)	Over Limit (dB)	ANT	Verdict
35.578	-51.91	-13.0	-38.91	Vertical	Pass
64.435	-59.58	-13.0	-46.58	Vertical	Pass
134.275	-50.86	-13.0	-37.86	Vertical	Pass
266.438	-45.65	-13.0	-32.65	Vertical	Pass
614.425	-48.15	-13.0	-35.15	Vertical	Pass
816.185	-41.84	-13.0	-28.84	Vertical	Pass
1250.000	-51.27	-13.0	-38.27	Vertical	Pass
1500.000	-47.91	-13.0	-34.91	Vertical	Pass
2458.500	-30.06	-13.0	-17.06	Vertical	Pass
3999.000	-48.52	-13.0	-35.52	Vertical	Pass
6873.000	-29.38	-13.0	-16.38	Vertical	Pass
8751.000	-39.39	-13.0	-26.39	Vertical	Pass



Band 5_QPSK_3.75kHz_1#0_Mid_H

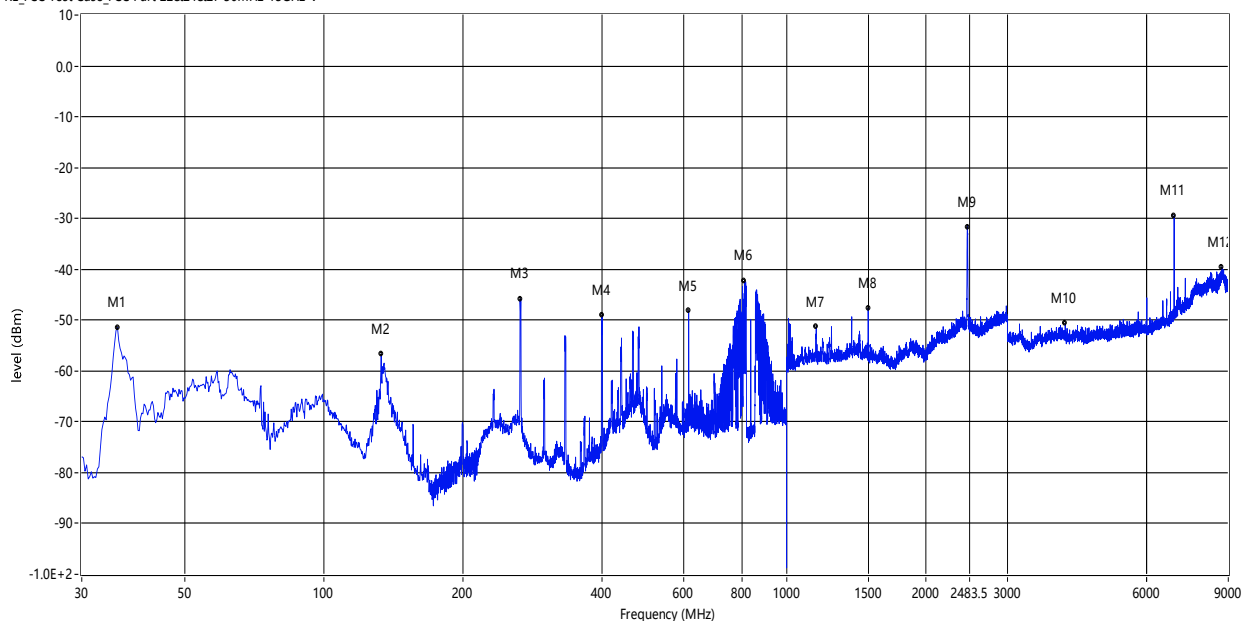
RE_FCC Test Case_FCC Part 22&24&27 30MHz-13GHz-H



Frequency (MHz)	Result (dBm)	Limit (dBm)	Over Limit (dB)	ANT	Verdict
37.032	-63.53	-13.0	-50.53	Horizontal	Pass
58.373	-60.80	-13.0	-47.80	Horizontal	Pass
135.002	-59.98	-13.0	-46.98	Horizontal	Pass
265.468	-38.01	-13.0	-25.01	Horizontal	Pass
398.358	-41.65	-13.0	-28.65	Horizontal	Pass
814.972	-39.92	-13.0	-26.92	Horizontal	Pass
1017.500	-48.04	-13.0	-35.04	Horizontal	Pass
1500.500	-48.04	-13.0	-35.04	Horizontal	Pass
2458.500	-30.16	-13.0	-17.16	Horizontal	Pass
4249.500	-49.90	-13.0	-36.90	Horizontal	Pass
6874.500	-31.37	-13.0	-18.37	Horizontal	Pass
8707.500	-39.55	-13.0	-26.55	Horizontal	Pass

Band 5_QPSK_3.75kHz_1#0_Mid_V

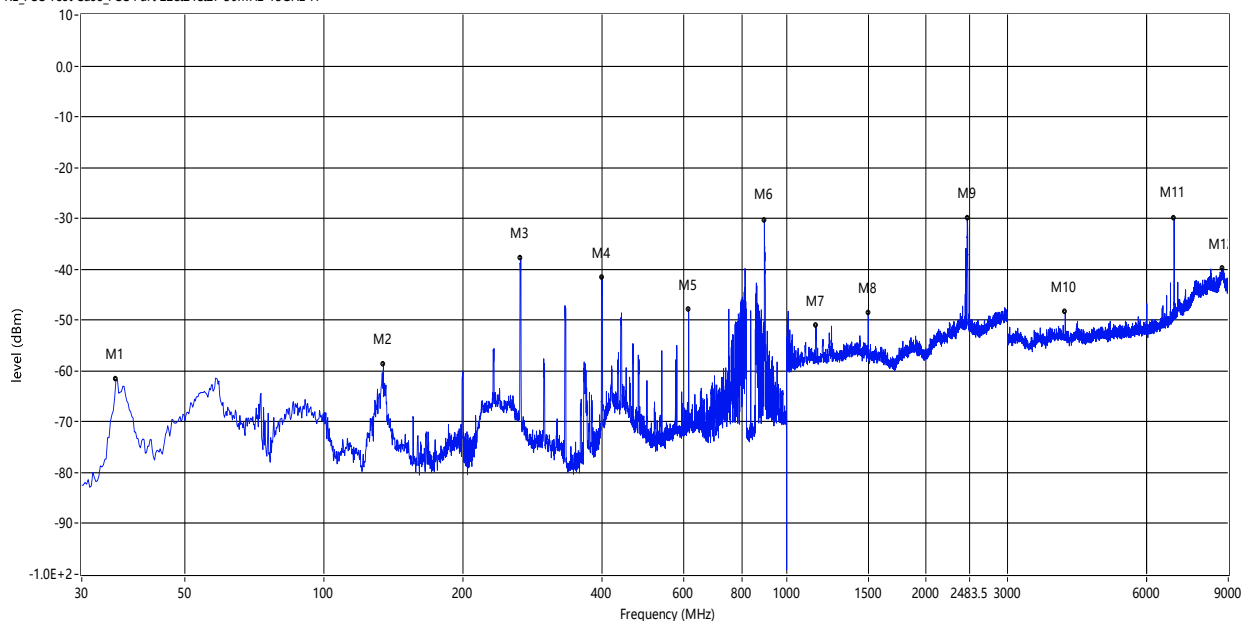
RE_FCC Test Case_FCC Part 22&24&27 30MHz-13GHz-V



Frequency (MHz)	Result (dBm)	Limit (dBm)	Over Limit (dB)	ANT	Verdict
35.820	-51.42	-13.0	-38.42	Vertical	Pass
133.062	-56.66	-13.0	-43.66	Vertical	Pass
266.438	-45.80	-13.0	-32.80	Vertical	Pass
399.813	-49.08	-13.0	-36.08	Vertical	Pass
614.425	-48.15	-13.0	-35.15	Vertical	Pass
810.607	-42.38	-13.0	-29.38	Vertical	Pass
1159.000	-51.32	-13.0	-38.32	Vertical	Pass
1500.000	-47.67	-13.0	-34.67	Vertical	Pass
2459.500	-31.73	-13.0	-18.73	Vertical	Pass
3999.000	-50.71	-13.0	-37.71	Vertical	Pass
6873.000	-29.42	-13.0	-16.42	Vertical	Pass
8706.000	-39.57	-13.0	-26.57	Vertical	Pass

Band 5_QPSK_3.75kHz_1#47_Low_H

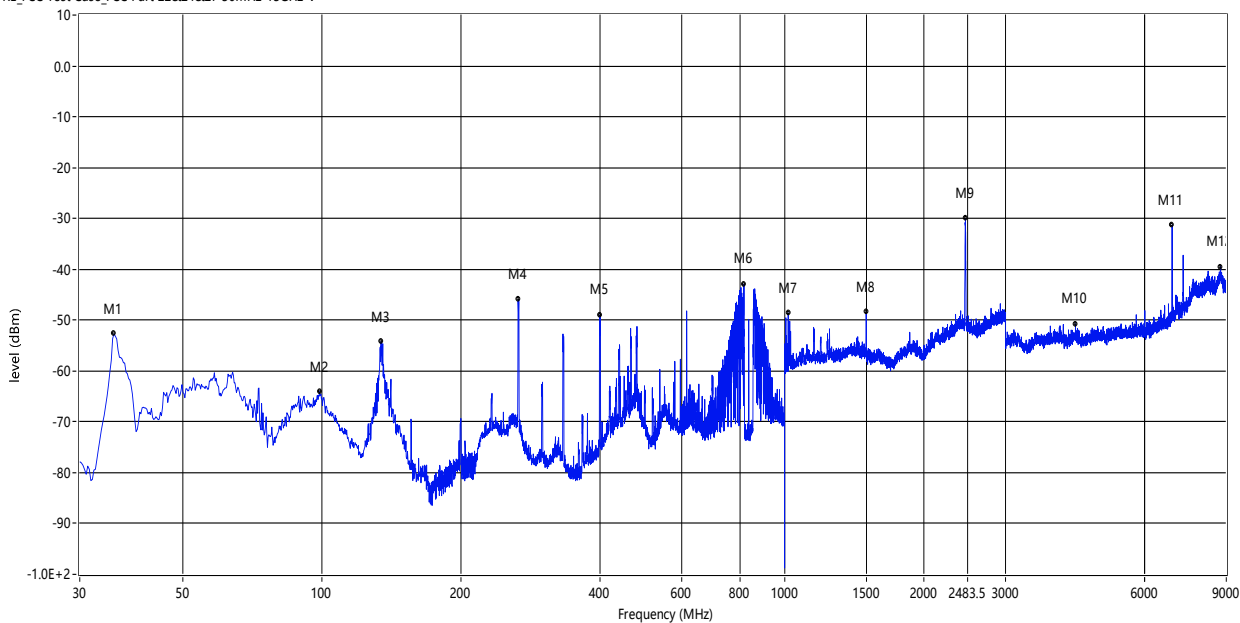
RE_FCC Test Case_FCC Part 22&24&27 30MHz-13GHz-H



Frequency (MHz)	Result (dBm)	Limit (dBm)	Over Limit (dB)	ANT	Verdict
35.578	-61.69	-13.0	-48.69	Horizontal	Pass
134.518	-58.70	-13.0	-45.70	Horizontal	Pass
266.438	-37.85	-13.0	-24.85	Horizontal	Pass
398.358	-41.62	-13.0	-28.62	Horizontal	Pass
614.425	-47.93	-13.0	-34.93	Horizontal	Pass
895.240	-30.30	-13.0	-17.30	Horizontal	Pass
1157.000	-51.13	-13.0	-38.13	Horizontal	Pass
1500.500	-48.68	-13.0	-35.68	Horizontal	Pass
2458.500	-29.99	-13.0	-16.99	Horizontal	Pass
3999.000	-48.48	-13.0	-35.48	Horizontal	Pass
6873.000	-29.85	-13.0	-16.85	Horizontal	Pass
8737.500	-39.78	-13.0	-26.78	Horizontal	Pass

Band 5_QPSK_3.75kHz_1#47_Low_V

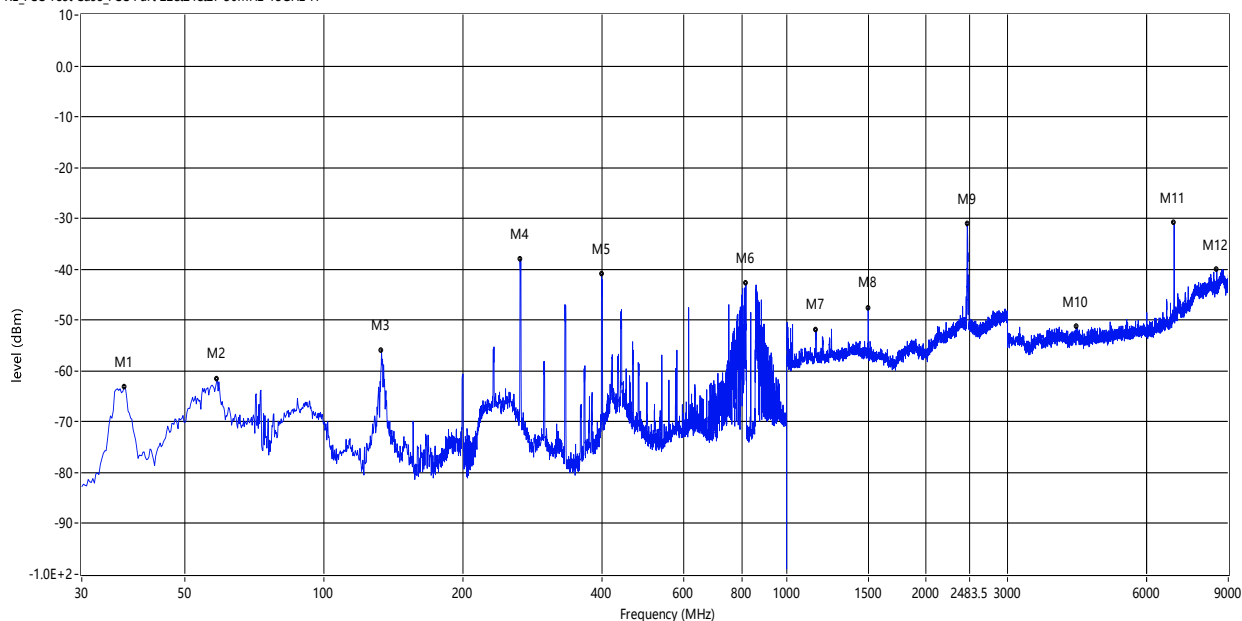
RE_FCC Test Case_FCC Part 22&24&27 30MHz-13GHz-V



Frequency (MHz)	Result (dBm)	Limit (dBm)	Over Limit (dB)	ANT	Verdict
35.578	-52.69	-13.0	-39.69	Vertical	Pass
98.870	-64.07	-13.0	-51.07	Vertical	Pass
134.275	-54.25	-13.0	-41.25	Vertical	Pass
266.438	-45.94	-13.0	-32.94	Vertical	Pass
398.358	-48.99	-13.0	-35.99	Vertical	Pass
816.912	-42.92	-13.0	-29.92	Vertical	Pass
1018.000	-48.56	-13.0	-35.56	Vertical	Pass
1500.000	-48.39	-13.0	-35.39	Vertical	Pass
2458.500	-30.04	-13.0	-17.04	Vertical	Pass
4249.500	-50.73	-13.0	-37.73	Vertical	Pass
6873.000	-31.29	-13.0	-18.29	Vertical	Pass
8751.000	-39.51	-13.0	-26.51	Vertical	Pass

Band 5_QPSK_3.75kHz_1#47_Mid_H

RE_FCC Test Case_FCC Part 22&24&27 30MHz-13GHz-H

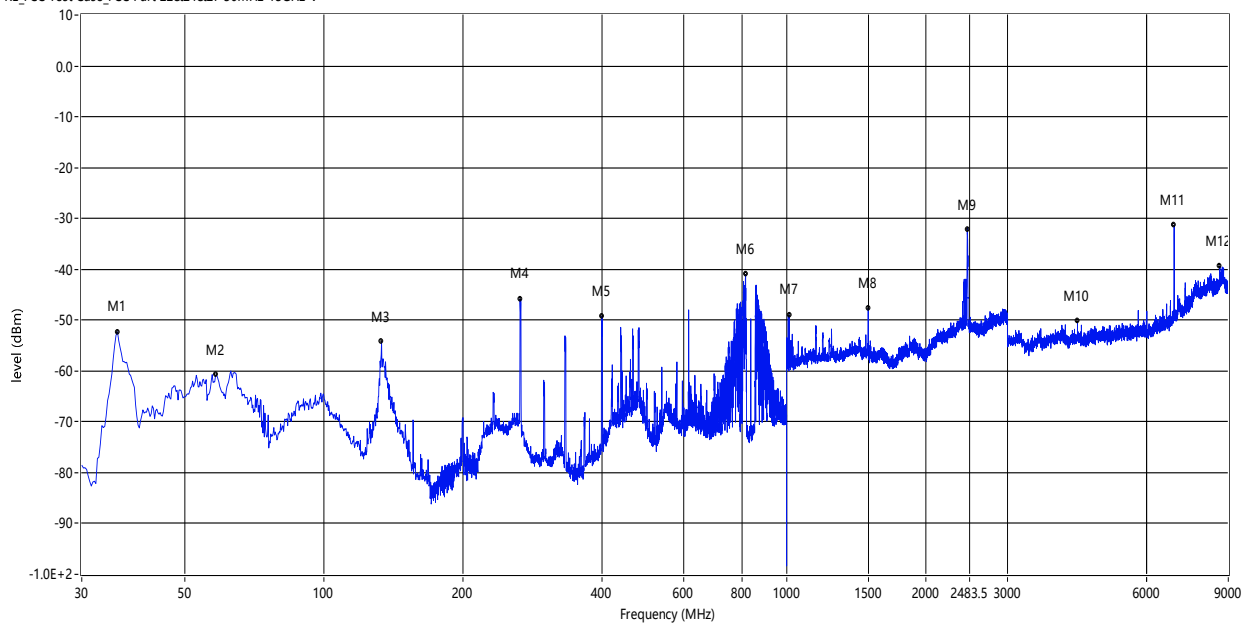


Frequency (MHz)	Result (dBm)	Limit (dBm)	Over Limit (dB)	ANT	Verdict
37.032	-63.26	-13.0	-50.26	Horizontal	Pass
58.858	-61.54	-13.0	-48.54	Horizontal	Pass
133.305	-55.93	-13.0	-42.93	Horizontal	Pass
266.438	-38.10	-13.0	-25.10	Horizontal	Pass
398.358	-41.03	-13.0	-28.03	Horizontal	Pass
816.428	-42.85	-13.0	-29.85	Horizontal	Pass
1155.500	-52.07	-13.0	-39.07	Horizontal	Pass
1500.000	-47.63	-13.0	-34.63	Horizontal	Pass
2456.000	-31.05	-13.0	-18.05	Horizontal	Pass
4224.000	-51.38	-13.0	-38.38	Horizontal	Pass
6873.000	-30.90	-13.0	-17.90	Horizontal	Pass
8500.500	-40.14	-13.0	-27.14	Horizontal	Pass



Band 5_QPSK_3.75kHz_1#47_Mid_V

RE_FCC Test Case_FCC Part 22&24&27 30MHz-13GHz-V

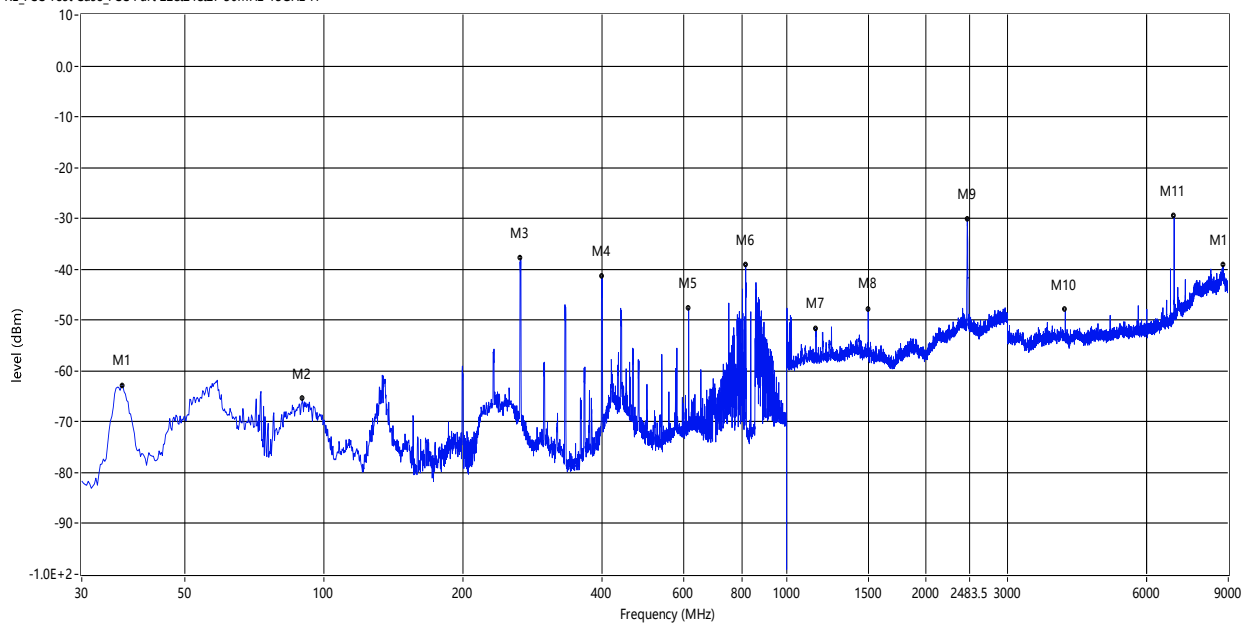


Frequency (MHz)	Result (dBm)	Limit (dBm)	Over Limit (dB)	ANT	Verdict
35.820	-52.30	-13.0	-39.30	Vertical	Pass
58.615	-60.83	-13.0	-47.83	Vertical	Pass
133.305	-54.26	-13.0	-41.26	Vertical	Pass
265.468	-45.82	-13.0	-32.82	Vertical	Pass
398.358	-49.30	-13.0	-36.30	Vertical	Pass
815.215	-41.02	-13.0	-28.02	Vertical	Pass
1014.000	-48.96	-13.0	-35.96	Vertical	Pass
1500.500	-47.76	-13.0	-34.76	Vertical	Pass
2459.500	-32.28	-13.0	-19.28	Vertical	Pass
4249.500	-50.25	-13.0	-37.25	Vertical	Pass
6873.000	-31.30	-13.0	-18.30	Vertical	Pass
8632.500	-39.34	-13.0	-26.34	Vertical	Pass



Band 5_QPSK_3.75kHz_1#47_High_H

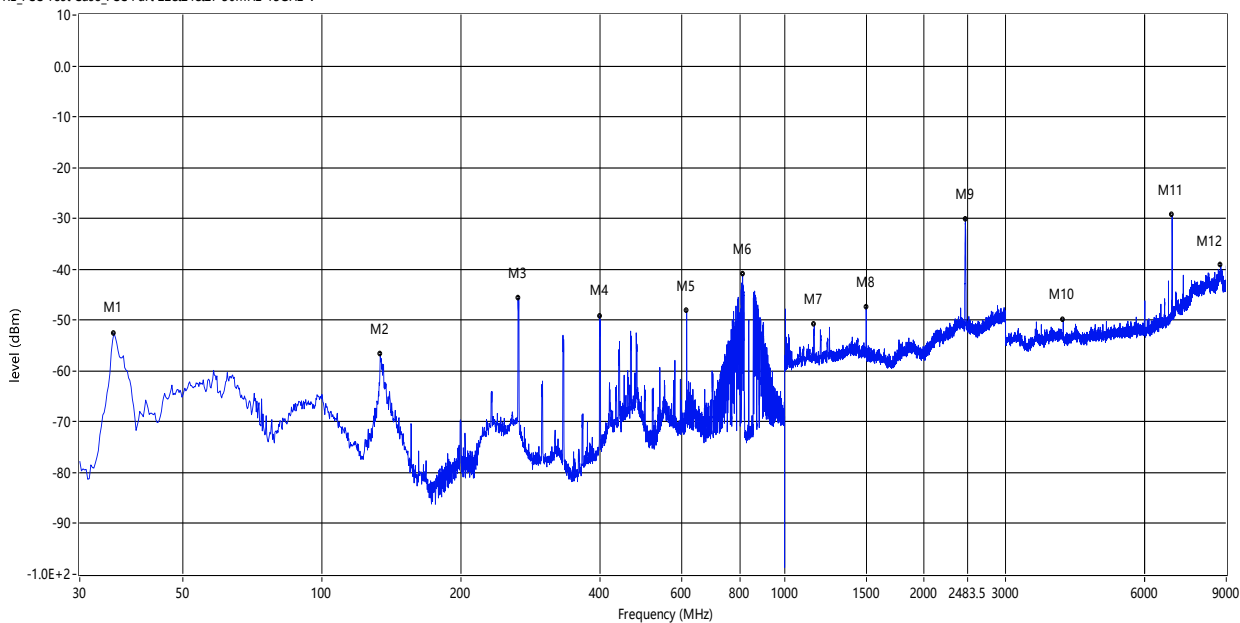
RE_FCC Test Case_FCC Part 22&24&27 30MHz-13GHz-H



Frequency (MHz)	Result (dBm)	Limit (dBm)	Over Limit (dB)	ANT	Verdict
36.790	-62.89	-13.0	-49.89	Horizontal	Pass
89.897	-65.52	-13.0	-52.52	Horizontal	Pass
266.438	-37.92	-13.0	-24.92	Horizontal	Pass
399.813	-41.39	-13.0	-28.39	Horizontal	Pass
614.425	-47.77	-13.0	-34.77	Horizontal	Pass
815.700	-39.15	-13.0	-26.15	Horizontal	Pass
1157.500	-51.62	-13.0	-38.62	Horizontal	Pass
1500.000	-47.86	-13.0	-34.86	Horizontal	Pass
2456.500	-30.22	-13.0	-17.22	Horizontal	Pass
4000.500	-47.99	-13.0	-34.99	Horizontal	Pass
6874.500	-29.56	-13.0	-16.56	Horizontal	Pass
8784.000	-39.26	-13.0	-26.26	Horizontal	Pass

Band 5_QPSK_3.75kHz_1#47_High_V

RE_FCC Test Case_FCC Part 22&24&27 30MHz-13GHz-V

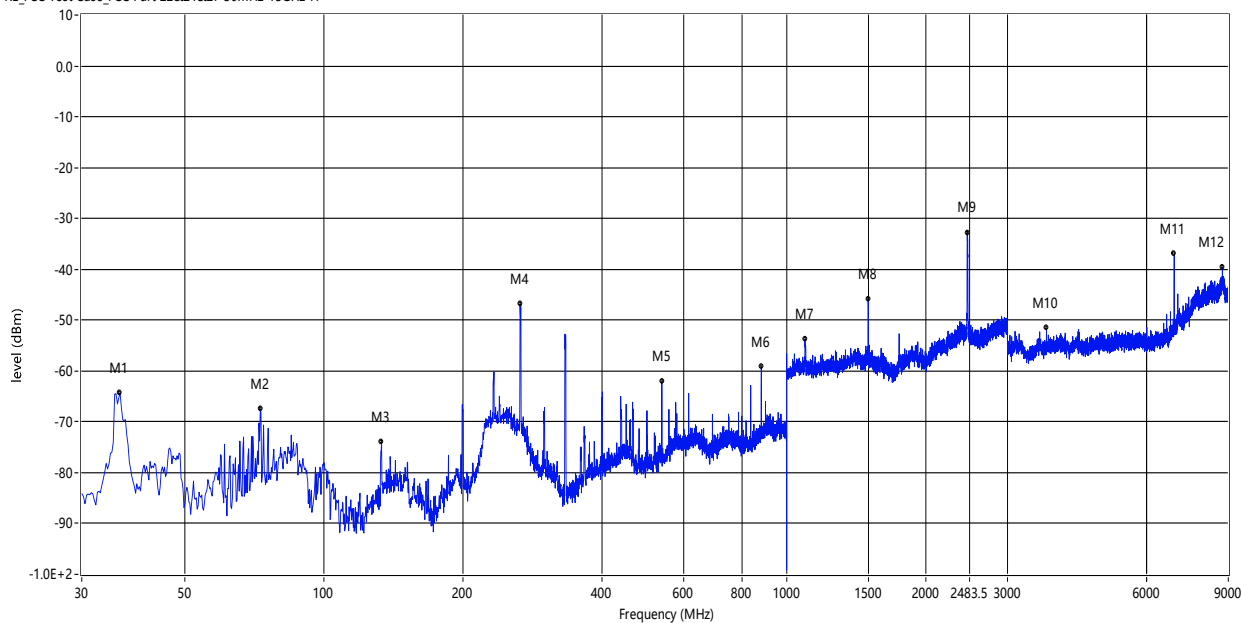


Frequency (MHz)	Result (dBm)	Limit (dBm)	Over Limit (dB)	ANT	Verdict
35.578	-52.54	-13.0	-39.54	Vertical	Pass
133.790	-56.73	-13.0	-43.73	Vertical	Pass
265.468	-45.67	-13.0	-32.67	Vertical	Pass
398.358	-49.17	-13.0	-36.17	Vertical	Pass
614.425	-48.19	-13.0	-35.19	Vertical	Pass
811.578	-41.03	-13.0	-28.03	Vertical	Pass
1159.000	-50.87	-13.0	-37.87	Vertical	Pass
1500.500	-47.48	-13.0	-34.48	Vertical	Pass
2458.500	-30.18	-13.0	-17.18	Vertical	Pass
4000.500	-49.86	-13.0	-36.86	Vertical	Pass
6873.000	-29.35	-13.0	-16.35	Vertical	Pass
8758.500	-39.10	-13.0	-26.10	Vertical	Pass



Band 5_BPSK_15kHz_1#0_Low_H

RE_FCC Test Case_FCC Part 22&24&27 30MHz-13GHz-H

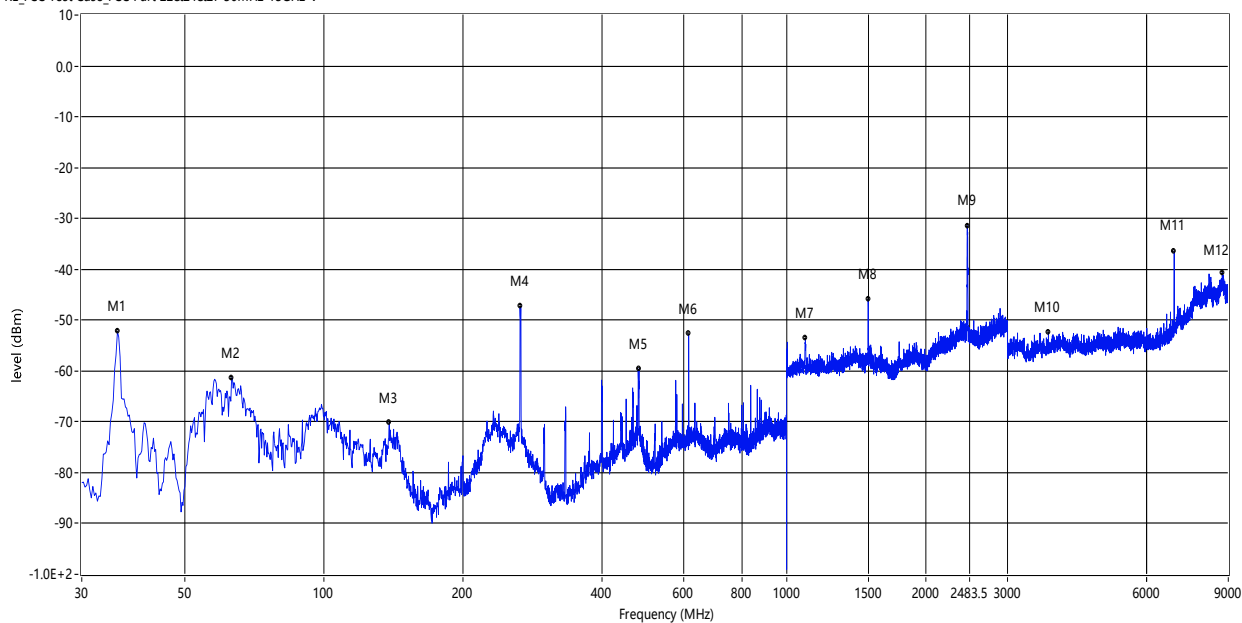


Frequency (MHz)	Result (dBm)	Limit (dBm)	Over Limit (dB)	ANT	Verdict
36.305	-64.31	-13.0	-51.31	Horizontal	Pass
72.923	-67.46	-13.0	-54.46	Horizontal	Pass
133.305	-73.92	-13.0	-60.92	Horizontal	Pass
266.438	-46.88	-13.0	-33.88	Horizontal	Pass
537.553	-62.13	-13.0	-49.13	Horizontal	Pass
881.660	-59.21	-13.0	-46.21	Horizontal	Pass
1095.500	-53.80	-13.0	-40.80	Horizontal	Pass
1500.000	-45.96	-13.0	-32.96	Horizontal	Pass
2458.500	-32.78	-13.0	-19.78	Horizontal	Pass
3642.000	-51.58	-13.0	-38.58	Horizontal	Pass
6874.500	-37.00	-13.0	-24.00	Horizontal	Pass
8743.500	-39.64	-13.0	-26.64	Horizontal	Pass



Band 5_BPSK_15kHz_1#0_Low_V

RE_FCC Test Case_FCC Part 22&24&27 30MHz-13GHz-V

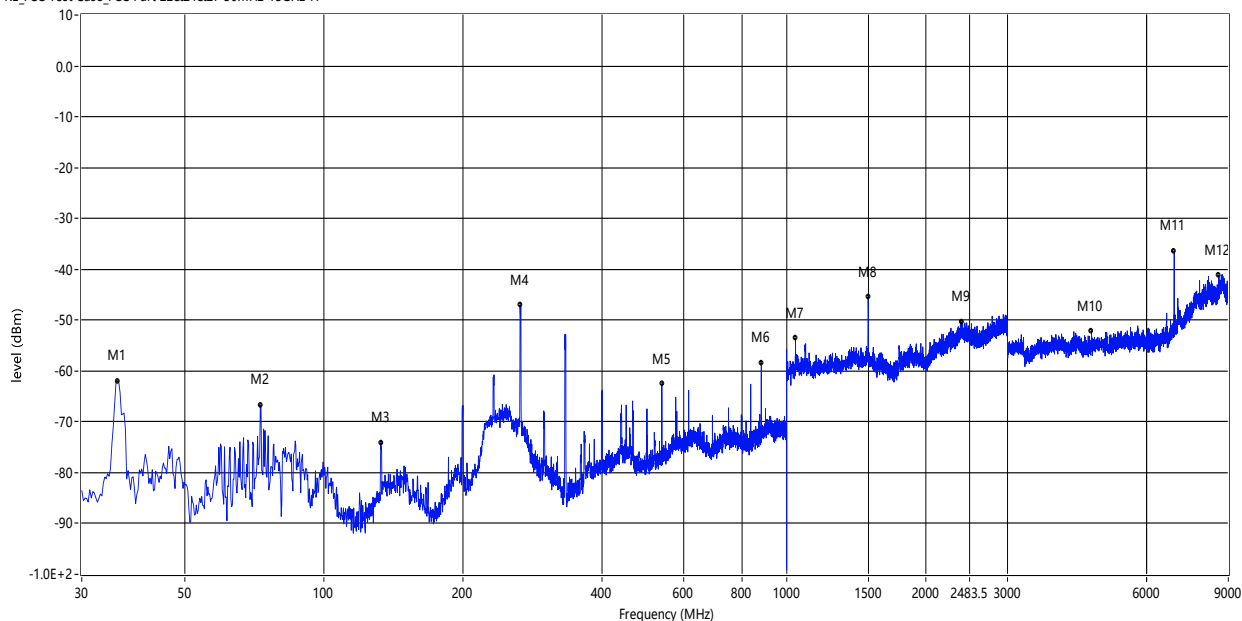


Frequency (MHz)	Result (dBm)	Limit (dBm)	Over Limit (dB)	ANT	Verdict
35.820	-52.25	-13.0	-39.25	Vertical	Pass
63.222	-61.35	-13.0	-48.35	Vertical	Pass
138.640	-70.10	-13.0	-57.10	Vertical	Pass
266.438	-47.30	-13.0	-34.30	Vertical	Pass
479.838	-59.58	-13.0	-46.58	Vertical	Pass
614.425	-52.74	-13.0	-39.74	Vertical	Pass
1098.000	-53.59	-13.0	-40.59	Vertical	Pass
1500.500	-45.92	-13.0	-32.92	Vertical	Pass
2458.500	-31.43	-13.0	-18.43	Vertical	Pass
3679.500	-52.48	-13.0	-39.48	Vertical	Pass
6874.500	-36.41	-13.0	-23.41	Vertical	Pass
8752.500	-40.64	-13.0	-27.64	Vertical	Pass



Band 5_BPSK_15kHz_1#0_Mid_H

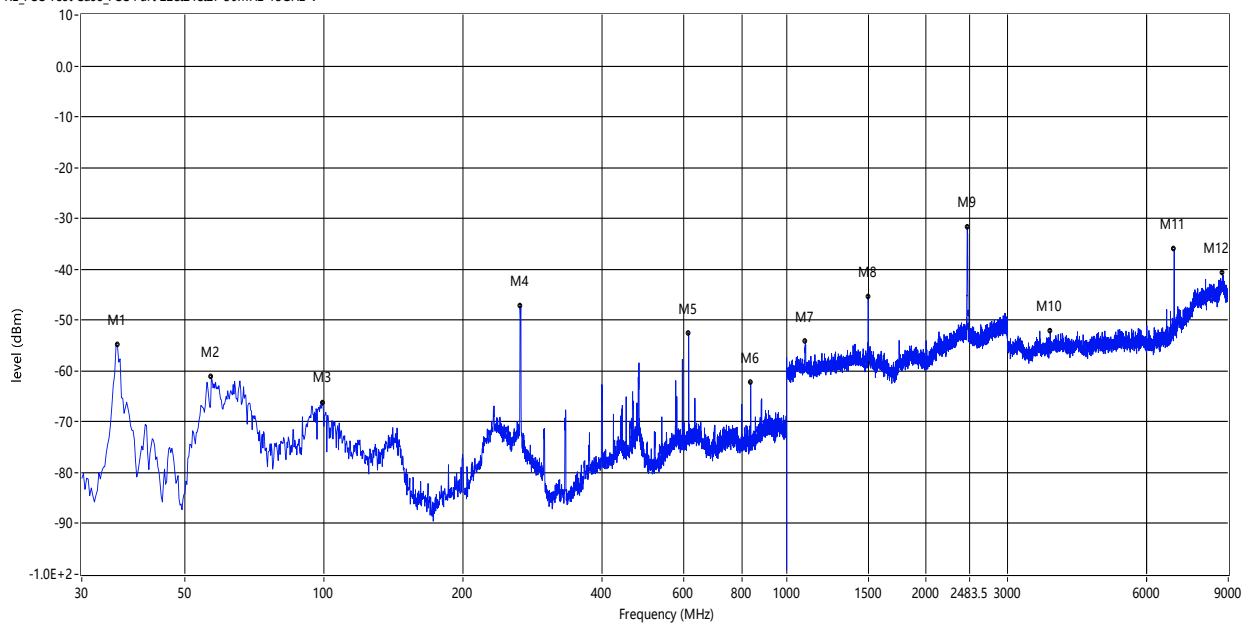
RE_FCC Test Case_FCC Part 22&24&27 30MHz-13GHz-H



Frequency (MHz)	Result (dBm)	Limit (dBm)	Over Limit (dB)	ANT	Verdict
35.820	-61.96	-13.0	-48.96	Horizontal	Pass
73.165	-66.68	-13.0	-53.68	Horizontal	Pass
132.820	-74.10	-13.0	-61.10	Horizontal	Pass
265.468	-47.10	-13.0	-34.10	Horizontal	Pass
537.553	-62.57	-13.0	-49.57	Horizontal	Pass
881.660	-58.38	-13.0	-45.38	Horizontal	Pass
1045.500	-53.62	-13.0	-40.62	Horizontal	Pass
1500.000	-45.45	-13.0	-32.45	Horizontal	Pass
2392.000	-50.30	-13.0	-37.30	Horizontal	Pass
4558.500	-52.26	-13.0	-39.26	Horizontal	Pass
6874.500	-36.37	-13.0	-23.37	Horizontal	Pass
8592.000	-41.26	-13.0	-28.26	Horizontal	Pass

Band 5_BPSK_15kHz_1#0_Mid_V

RE_FCC Test Case_FCC Part 22&24&27 30MHz-13GHz-V

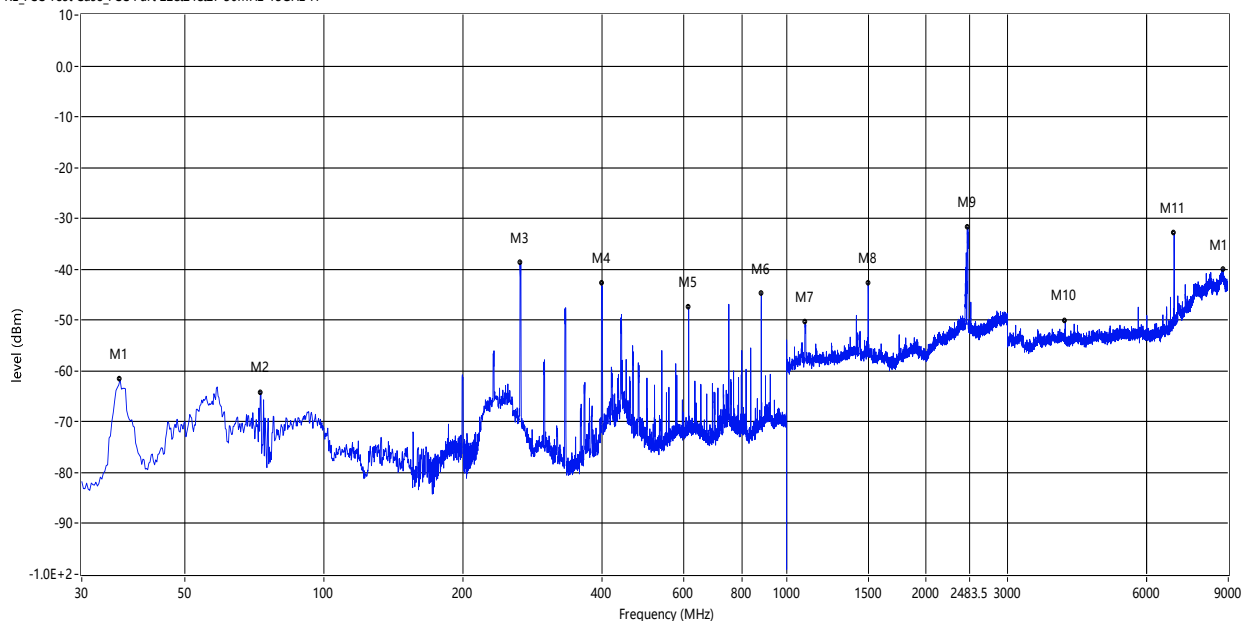


Frequency (MHz)	Result (dBm)	Limit (dBm)	Over Limit (dB)	ANT	Verdict
35.820	-54.97	-13.0	-41.97	Vertical	Pass
57.160	-61.20	-13.0	-48.20	Vertical	Pass
99.355	-66.23	-13.0	-53.23	Vertical	Pass
265.468	-47.23	-13.0	-34.23	Vertical	Pass
614.425	-52.58	-13.0	-39.58	Vertical	Pass
836.555	-62.32	-13.0	-49.32	Vertical	Pass
1098.500	-54.30	-13.0	-41.30	Vertical	Pass
1500.000	-45.41	-13.0	-32.41	Vertical	Pass
2457.000	-31.80	-13.0	-18.80	Vertical	Pass
3709.500	-52.22	-13.0	-39.22	Vertical	Pass
6874.500	-36.05	-13.0	-23.05	Vertical	Pass
8742.000	-40.75	-13.0	-27.75	Vertical	Pass



Band 5_BPSK_15kHz_1#0_High_H

RE_FCC Test Case_FCC Part 22&24&27 30MHz-13GHz-H

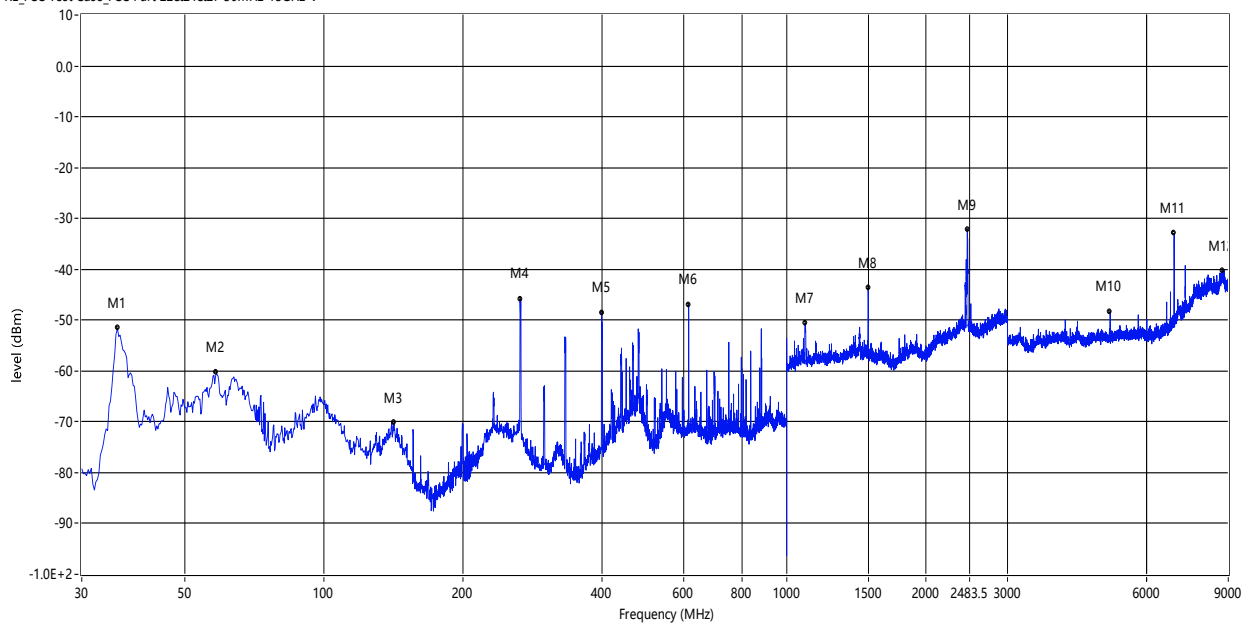


Frequency (MHz)	Result (dBm)	Limit (dBm)	Over Limit (dB)	ANT	Verdict
36.305	-61.69	-13.0	-48.69	Horizontal	Pass
73.165	-64.24	-13.0	-51.24	Horizontal	Pass
266.438	-38.76	-13.0	-25.76	Horizontal	Pass
398.358	-42.84	-13.0	-29.84	Horizontal	Pass
614.425	-47.55	-13.0	-34.55	Horizontal	Pass
881.660	-44.82	-13.0	-31.82	Horizontal	Pass
1095.500	-50.43	-13.0	-37.43	Horizontal	Pass
1500.000	-42.74	-13.0	-29.74	Horizontal	Pass
2464.000	-31.76	-13.0	-18.76	Horizontal	Pass
3999.000	-50.07	-13.0	-37.07	Horizontal	Pass
6873.000	-32.84	-13.0	-19.84	Horizontal	Pass
8764.500	-40.10	-13.0	-27.10	Horizontal	Pass



Band 5_BPSK_15kHz_1#0_High_V

RE_FCC Test Case_FCC Part 22&24&27 30MHz-13GHz-V

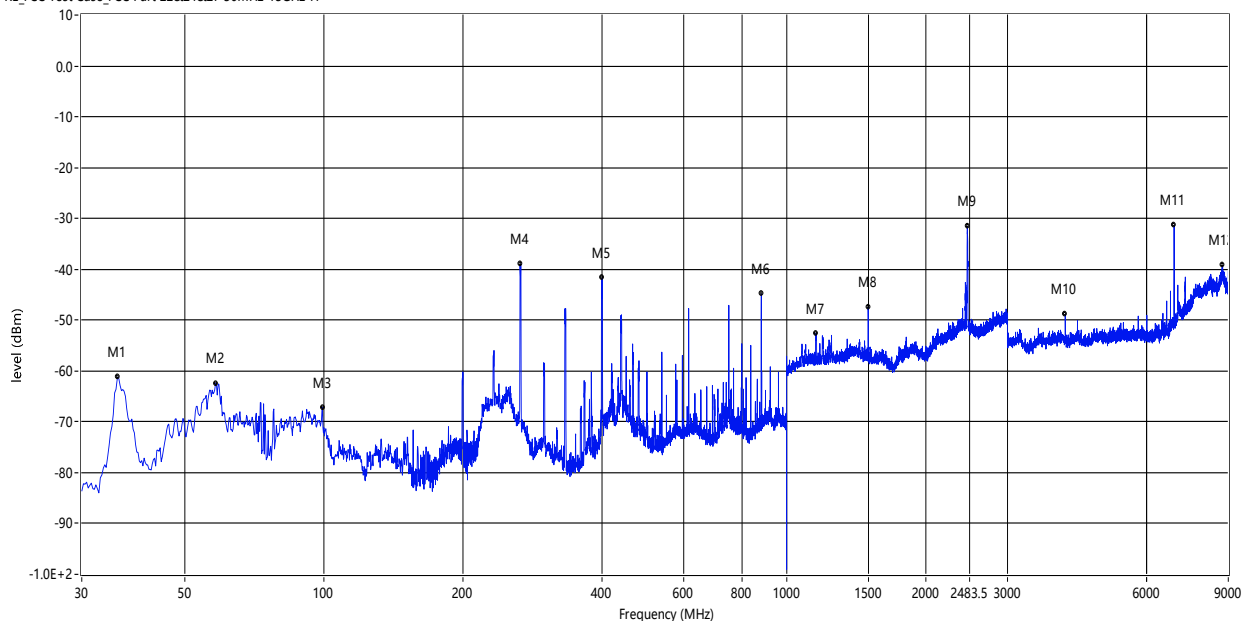


Frequency (MHz)	Result (dBm)	Limit (dBm)	Over Limit (dB)	ANT	Verdict
35.820	-51.61	-13.0	-38.61	Vertical	Pass
58.615	-60.36	-13.0	-47.36	Vertical	Pass
141.792	-70.25	-13.0	-57.25	Vertical	Pass
265.468	-45.84	-13.0	-32.84	Vertical	Pass
398.358	-48.54	-13.0	-35.54	Vertical	Pass
614.425	-46.93	-13.0	-33.93	Vertical	Pass
1096.000	-50.68	-13.0	-37.68	Vertical	Pass
1500.000	-43.68	-13.0	-30.68	Vertical	Pass
2456.500	-32.18	-13.0	-19.18	Vertical	Pass
4999.500	-48.27	-13.0	-35.27	Vertical	Pass
6873.000	-32.96	-13.0	-19.96	Vertical	Pass
8755.500	-40.22	-13.0	-27.22	Vertical	Pass



Band 5_BPSK_15kHz_1#11_Low_H

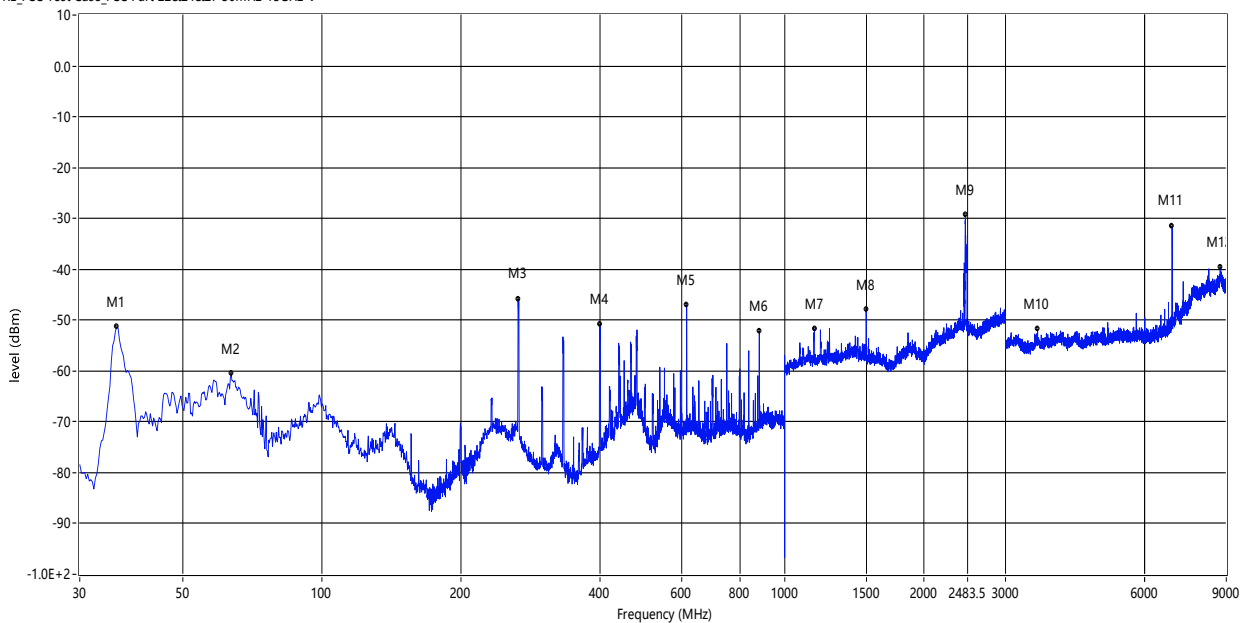
RE_FCC Test Case_FCC Part 22&24&27 30MHz-13GHz-H



Frequency (MHz)	Result (dBm)	Limit (dBm)	Over Limit (dB)	ANT	Verdict
35.820	-61.20	-13.0	-48.20	Horizontal	Pass
58.615	-62.41	-13.0	-49.41	Horizontal	Pass
99.355	-67.19	-13.0	-54.19	Horizontal	Pass
266.438	-38.93	-13.0	-25.93	Horizontal	Pass
399.813	-41.65	-13.0	-28.65	Horizontal	Pass
881.660	-44.83	-13.0	-31.83	Horizontal	Pass
1156.500	-52.60	-13.0	-39.60	Horizontal	Pass
1500.000	-47.47	-13.0	-34.47	Horizontal	Pass
2456.500	-31.59	-13.0	-18.59	Horizontal	Pass
3999.000	-48.87	-13.0	-35.87	Horizontal	Pass
6873.000	-31.36	-13.0	-18.36	Horizontal	Pass
8749.500	-39.27	-13.0	-26.27	Horizontal	Pass

Band 5_BPSK_15kHz_1#11_Low_V

RE_FCC Test Case_FCC Part 22&24&27 30MHz-13GHz-V

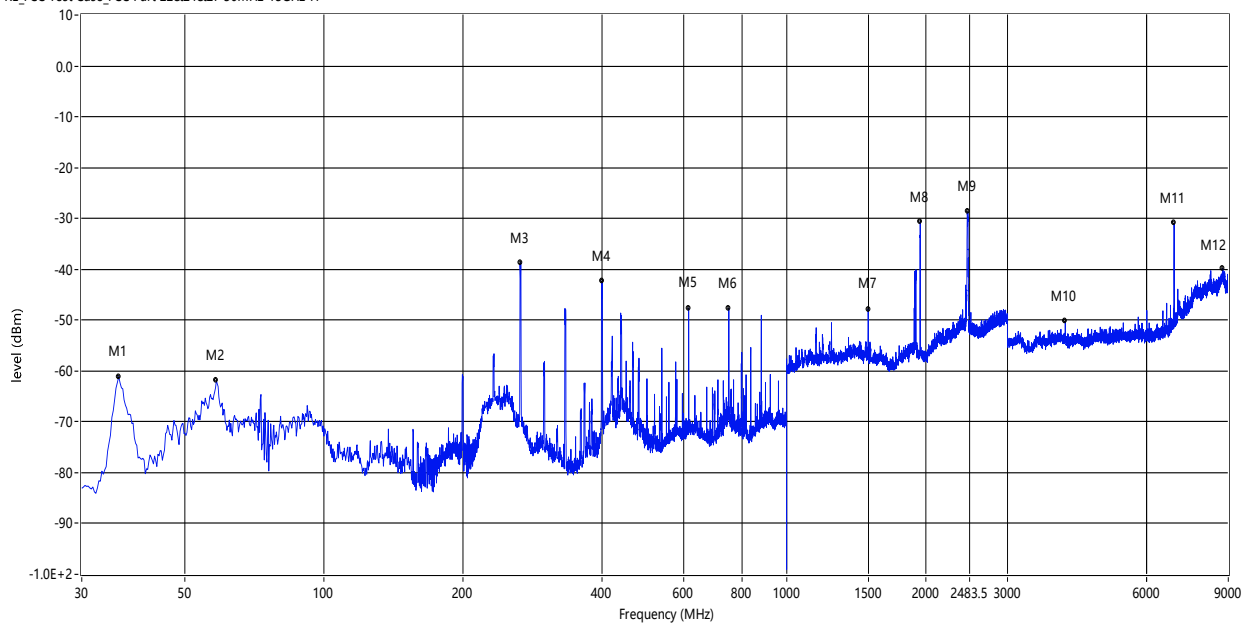


Frequency (MHz)	Result (dBm)	Limit (dBm)	Over Limit (dB)	ANT	Verdict
36.062	-51.38	-13.0	-38.38	Vertical	Pass
63.708	-60.59	-13.0	-47.59	Vertical	Pass
265.468	-45.82	-13.0	-32.82	Vertical	Pass
398.358	-50.93	-13.0	-37.93	Vertical	Pass
614.425	-46.98	-13.0	-33.98	Vertical	Pass
881.660	-52.19	-13.0	-39.19	Vertical	Pass
1160.000	-51.71	-13.0	-38.71	Vertical	Pass
1500.000	-47.97	-13.0	-34.97	Vertical	Pass
2457.500	-29.37	-13.0	-16.37	Vertical	Pass
3520.500	-51.79	-13.0	-38.79	Vertical	Pass
6873.000	-31.46	-13.0	-18.46	Vertical	Pass
8754.000	-39.54	-13.0	-26.54	Vertical	Pass



Band 5_BPSK_15kHz_1#11_Mid_H

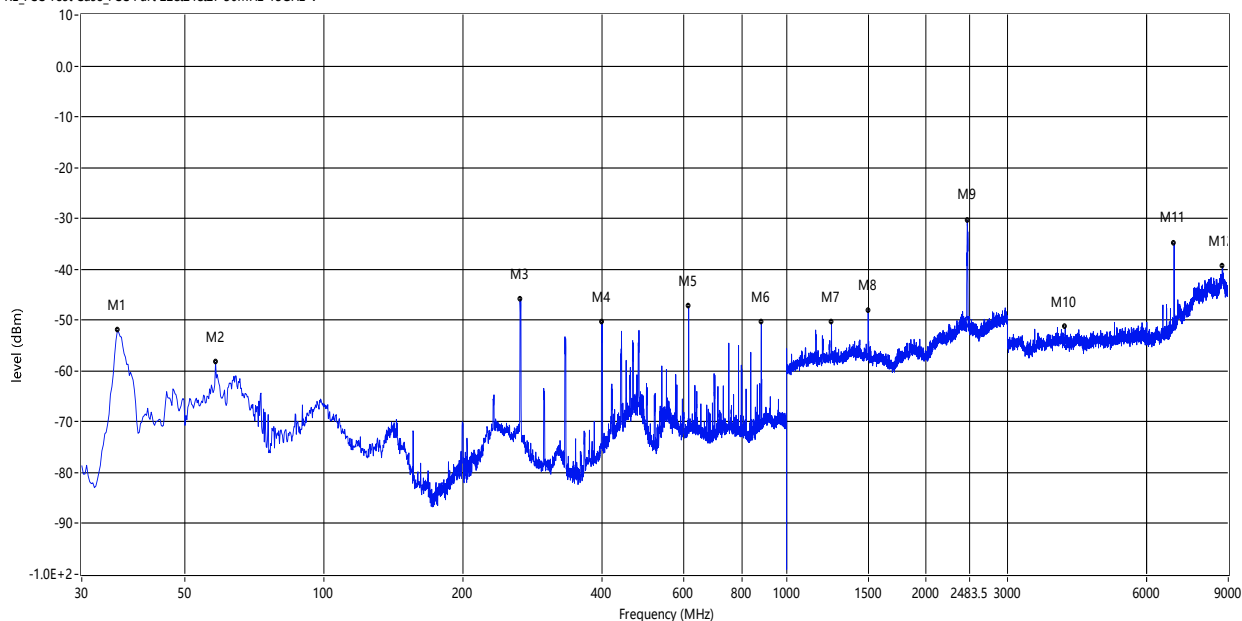
RE_FCC Test Case_FCC Part 22&24&27 30MHz-13GHz-H



Frequency (MHz)	Result (dBm)	Limit (dBm)	Over Limit (dB)	ANT	Verdict
36.062	-61.09	-13.0	-48.09	Horizontal	Pass
58.615	-61.83	-13.0	-48.83	Horizontal	Pass
266.438	-38.68	-13.0	-25.68	Horizontal	Pass
398.358	-42.33	-13.0	-29.33	Horizontal	Pass
614.425	-47.63	-13.0	-34.63	Horizontal	Pass
749.982	-47.68	-13.0	-34.68	Horizontal	Pass
1500.000	-47.83	-13.0	-34.83	Horizontal	Pass
1943.500	-30.63	-13.0	-17.63	Horizontal	Pass
2464.000	-28.69	-13.0	-15.69	Horizontal	Pass
3999.000	-50.18	-13.0	-37.18	Horizontal	Pass
6871.500	-30.95	-13.0	-17.95	Horizontal	Pass
8751.000	-39.91	-13.0	-26.91	Horizontal	Pass

Band 5_BPSK_15kHz_1#11_Mid_V

RE_FCC Test Case_FCC Part 22&24&27 30MHz-13GHz-V

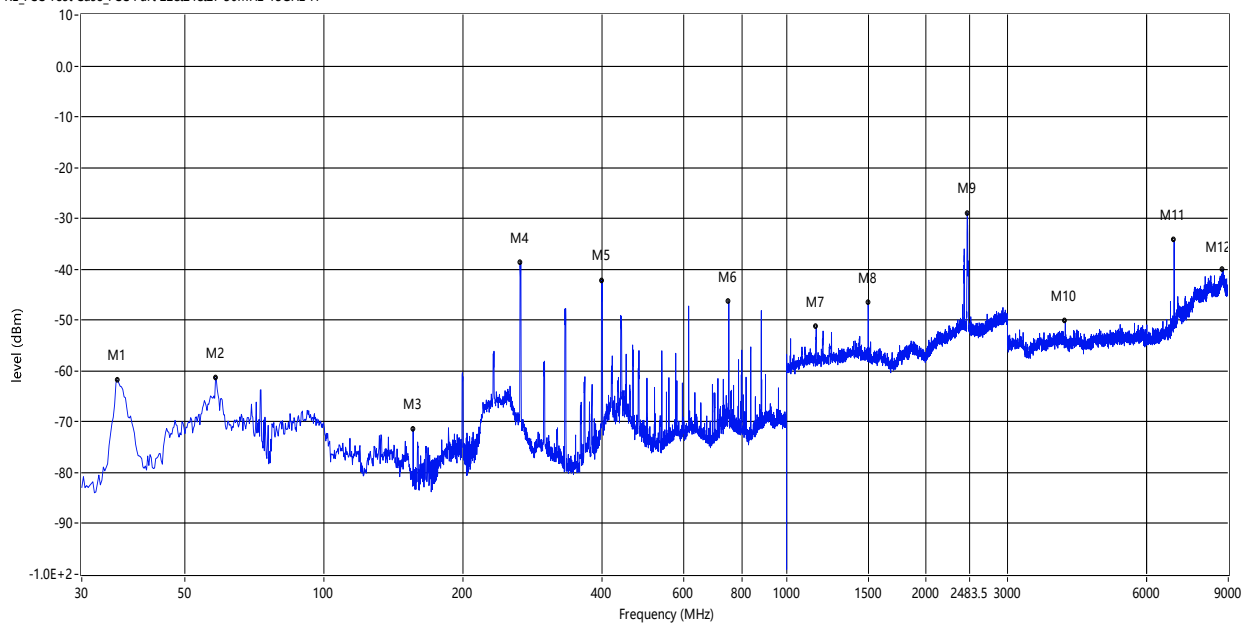


Frequency (MHz)	Result (dBm)	Limit (dBm)	Over Limit (dB)	ANT	Verdict
35.820	-51.98	-13.0	-38.98	Vertical	Pass
58.373	-58.25	-13.0	-45.25	Vertical	Pass
266.438	-45.87	-13.0	-32.87	Vertical	Pass
399.813	-50.40	-13.0	-37.40	Vertical	Pass
614.425	-47.33	-13.0	-34.33	Vertical	Pass
881.660	-50.48	-13.0	-37.48	Vertical	Pass
1250.000	-50.44	-13.0	-37.44	Vertical	Pass
1500.000	-48.07	-13.0	-35.07	Vertical	Pass
2457.500	-30.44	-13.0	-17.44	Vertical	Pass
3999.000	-51.32	-13.0	-38.32	Vertical	Pass
6873.000	-34.80	-13.0	-21.80	Vertical	Pass
8751.000	-39.46	-13.0	-26.46	Vertical	Pass



Band 5_BPSK_15kHz_1#11_High_H

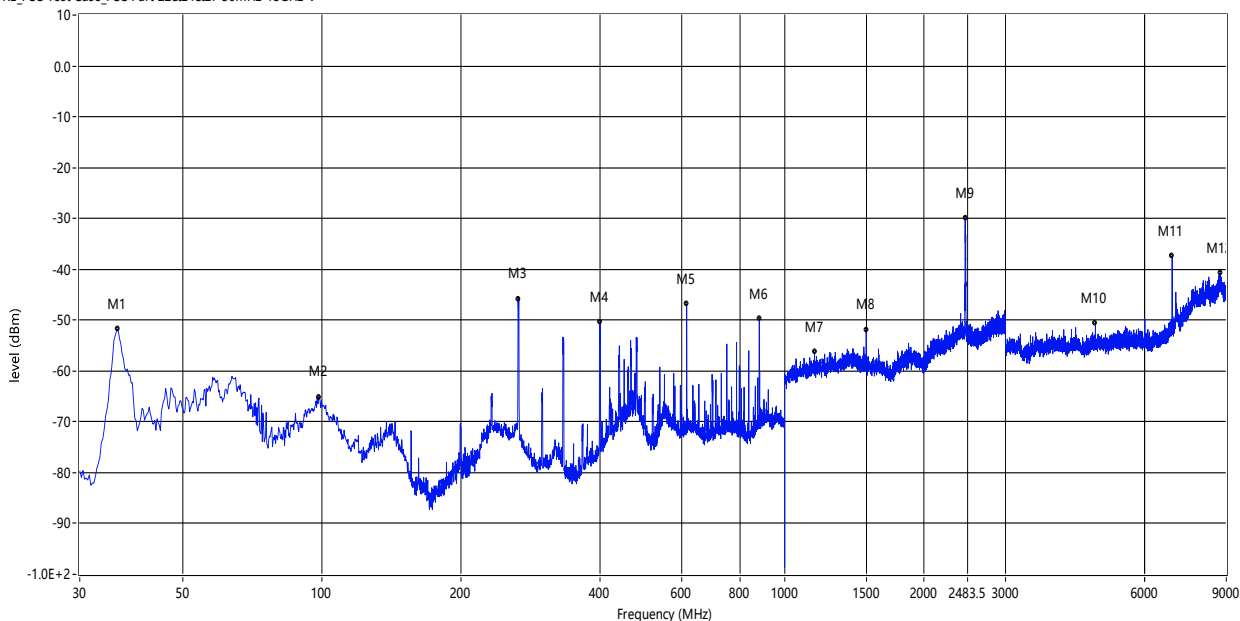
RE_FCC Test Case_FCC Part 22&24&27 30MHz-13GHz-H



Frequency (MHz)	Result (dBm)	Limit (dBm)	Over Limit (dB)	ANT	Verdict
35.820	-61.80	-13.0	-48.80	Horizontal	Pass
58.373	-61.35	-13.0	-48.35	Horizontal	Pass
155.858	-71.50	-13.0	-58.50	Horizontal	Pass
266.438	-38.69	-13.0	-25.69	Horizontal	Pass
398.358	-42.20	-13.0	-29.20	Horizontal	Pass
749.982	-46.39	-13.0	-33.39	Horizontal	Pass
1158.500	-51.33	-13.0	-38.33	Horizontal	Pass
1500.500	-46.63	-13.0	-33.63	Horizontal	Pass
2458.500	-28.96	-13.0	-15.96	Horizontal	Pass
4000.500	-50.20	-13.0	-37.20	Horizontal	Pass
6873.000	-34.27	-13.0	-21.27	Horizontal	Pass
8736.000	-40.02	-13.0	-27.02	Horizontal	Pass

Band 5_BPSK_15kHz_1#11_High_V

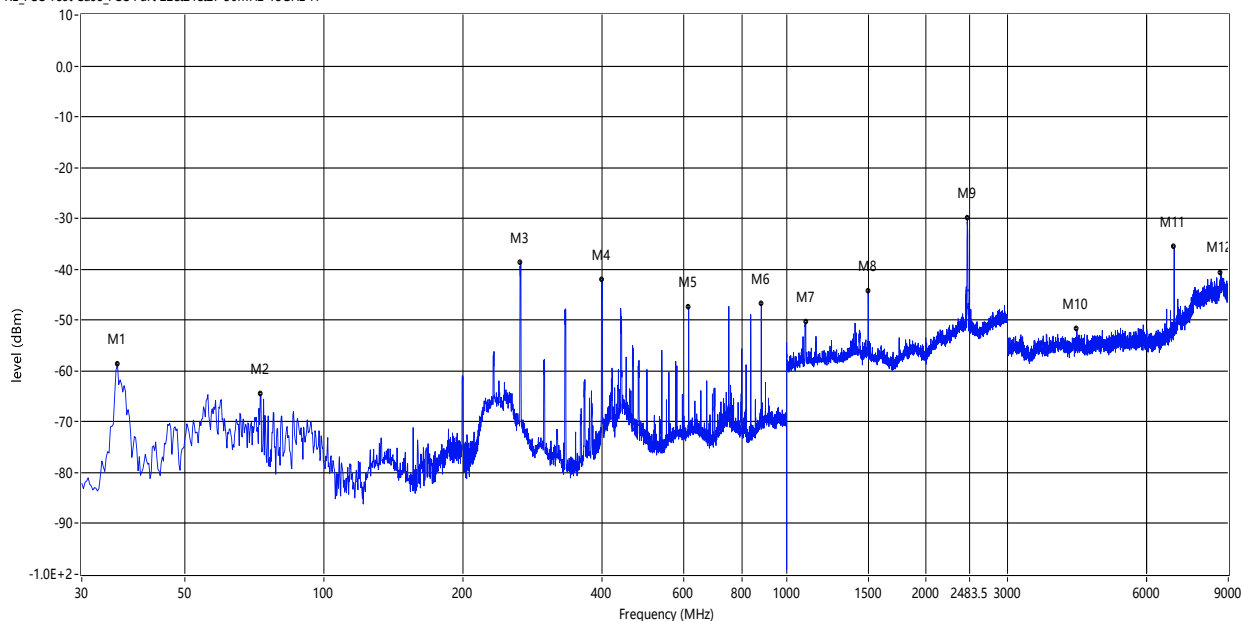
RE_FCC Test Case_FCC Part 22&24&27 30MHz-13GHz-V



Frequency (MHz)	Result (dBm)	Limit (dBm)	Over Limit (dB)	ANT	Verdict
36.305	-51.75	-13.0	-38.75	Vertical	Pass
98.385	-65.12	-13.0	-52.12	Vertical	Pass
265.468	-45.79	-13.0	-32.79	Vertical	Pass
398.358	-50.46	-13.0	-37.46	Vertical	Pass
614.425	-46.89	-13.0	-33.89	Vertical	Pass
881.660	-49.69	-13.0	-36.69	Vertical	Pass
1160.500	-56.26	-13.0	-43.26	Vertical	Pass
1500.000	-51.86	-13.0	-38.86	Vertical	Pass
2456.500	-29.94	-13.0	-16.94	Vertical	Pass
4693.500	-50.65	-13.0	-37.65	Vertical	Pass
6874.500	-37.35	-13.0	-24.35	Vertical	Pass
8746.500	-40.76	-13.0	-27.76	Vertical	Pass

Band 5_QPSK_15kHz_12#0_Low_H

RE_FCC Test Case_FCC Part 22&24&27 30MHz-13GHz-H

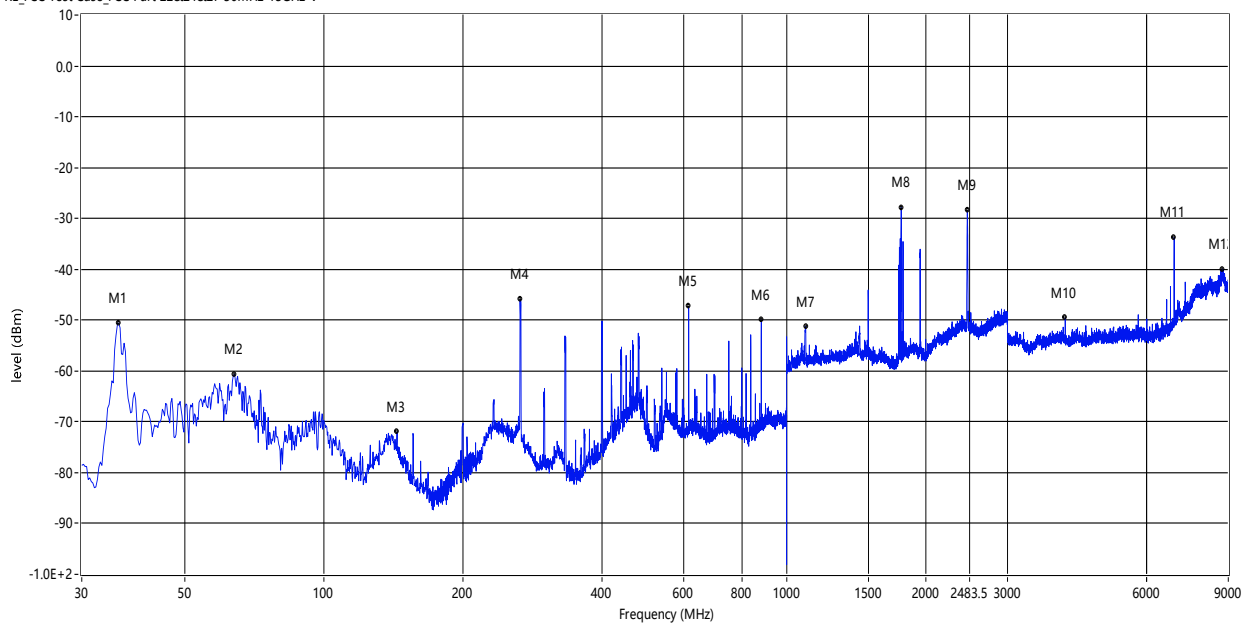


Frequency (MHz)	Result (dBm)	Limit (dBm)	Over Limit (dB)	ANT	Verdict
35.820	-58.65	-13.0	-45.65	Horizontal	Pass
72.923	-64.64	-13.0	-51.64	Horizontal	Pass
266.438	-38.72	-13.0	-25.72	Horizontal	Pass
398.358	-42.11	-13.0	-29.11	Horizontal	Pass
614.425	-47.45	-13.0	-34.45	Horizontal	Pass
881.660	-46.82	-13.0	-33.82	Horizontal	Pass
1100.000	-50.42	-13.0	-37.42	Horizontal	Pass
1500.000	-44.42	-13.0	-31.42	Horizontal	Pass
2458.500	-29.98	-13.0	-16.98	Horizontal	Pass
4237.500	-51.82	-13.0	-38.82	Horizontal	Pass
6874.500	-35.55	-13.0	-22.55	Horizontal	Pass
8655.000	-40.62	-13.0	-27.62	Horizontal	Pass



Band 5_QPSK_15kHz_12#0_Low_V

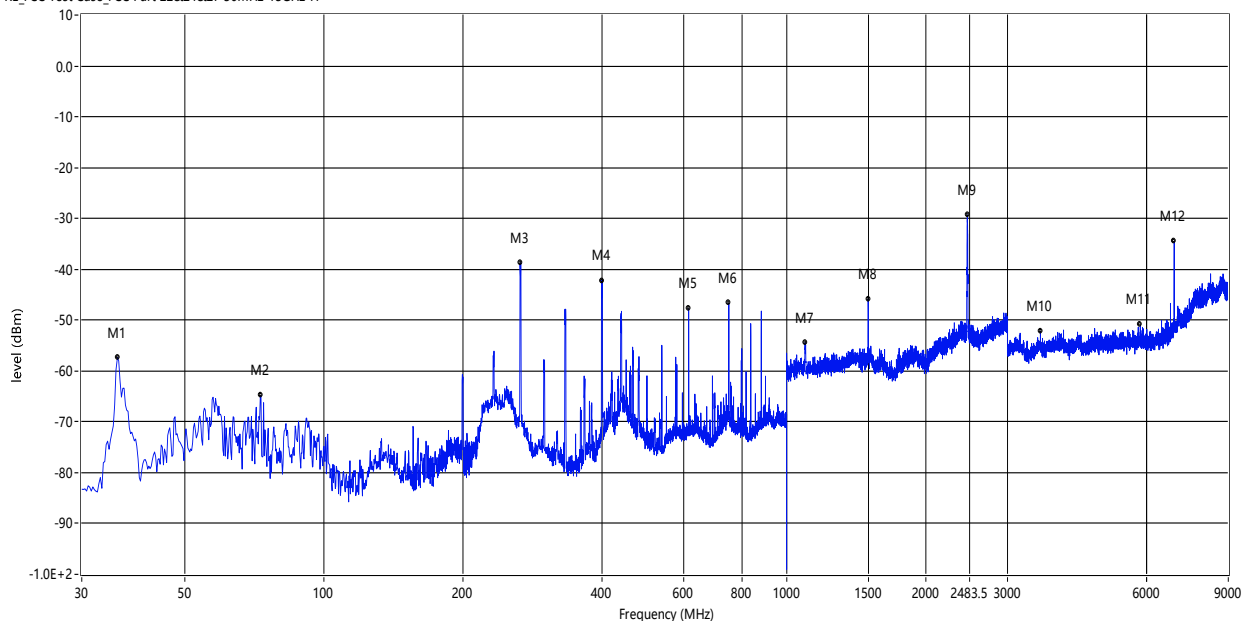
RE_FCC Test Case_FCC Part 22&24&27 30MHz-13GHz-V



Frequency (MHz)	Result (dBm)	Limit (dBm)	Over Limit (dB)	ANT	Verdict
36.062	-50.59	-13.0	-37.59	Vertical	Pass
64.192	-60.62	-13.0	-47.62	Vertical	Pass
143.975	-71.96	-13.0	-58.96	Vertical	Pass
265.468	-46.01	-13.0	-33.01	Vertical	Pass
614.425	-47.34	-13.0	-34.34	Vertical	Pass
881.660	-49.99	-13.0	-36.99	Vertical	Pass
1100.000	-51.30	-13.0	-38.30	Vertical	Pass
1768.000	-27.85	-13.0	-14.85	Vertical	Pass
2457.000	-28.46	-13.0	-15.46	Vertical	Pass
3999.000	-49.50	-13.0	-36.50	Vertical	Pass
6874.500	-33.69	-13.0	-20.69	Vertical	Pass
8751.000	-39.98	-13.0	-26.98	Vertical	Pass

Band 5_QPSK_15kHz_12#0_Mid_H

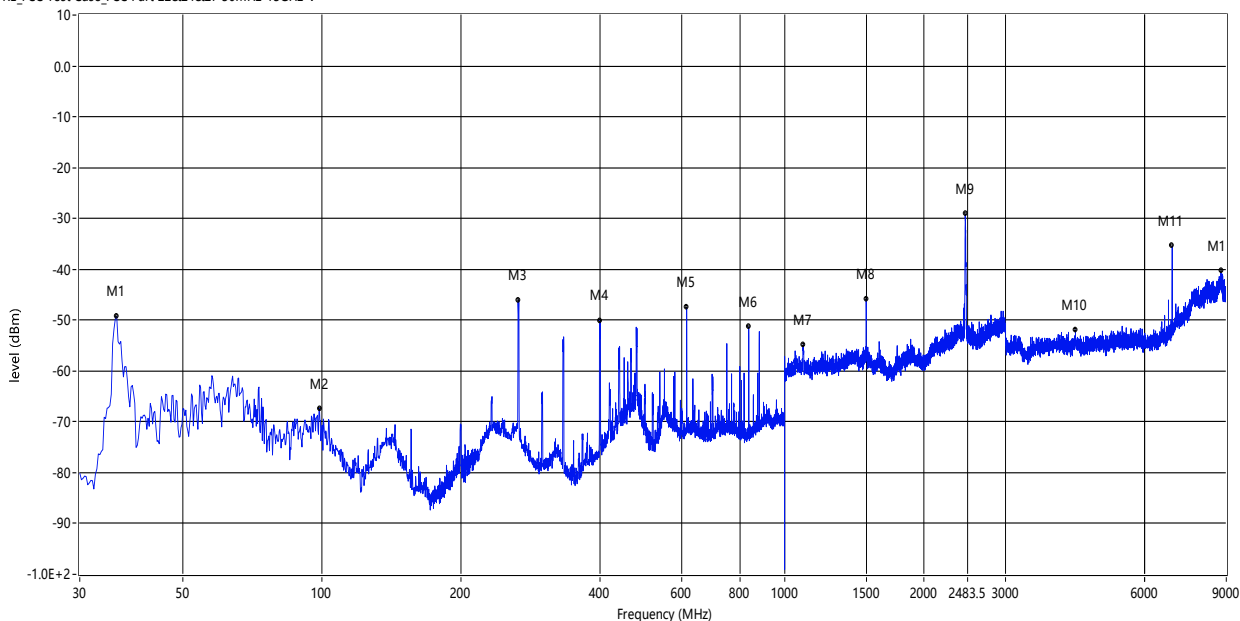
RE_FCC Test Case_FCC Part 22&24&27 30MHz-13GHz-H



Frequency (MHz)	Result (dBm)	Limit (dBm)	Over Limit (dB)	ANT	Verdict
35.820	-57.33	-13.0	-44.33	Horizontal	Pass
73.165	-64.84	-13.0	-51.84	Horizontal	Pass
266.438	-38.70	-13.0	-25.70	Horizontal	Pass
398.358	-42.23	-13.0	-29.23	Horizontal	Pass
614.425	-47.76	-13.0	-34.76	Horizontal	Pass
749.982	-46.68	-13.0	-33.68	Horizontal	Pass
1096.000	-54.44	-13.0	-41.44	Horizontal	Pass
1500.500	-45.87	-13.0	-32.87	Horizontal	Pass
2458.500	-29.32	-13.0	-16.32	Horizontal	Pass
3534.000	-52.19	-13.0	-39.19	Horizontal	Pass
5808.000	-50.92	-13.0	-37.92	Horizontal	Pass
6874.500	-34.50	-13.0	-21.50	Horizontal	Pass

Band 5_QPSK_15kHz_12#0_Mid_V

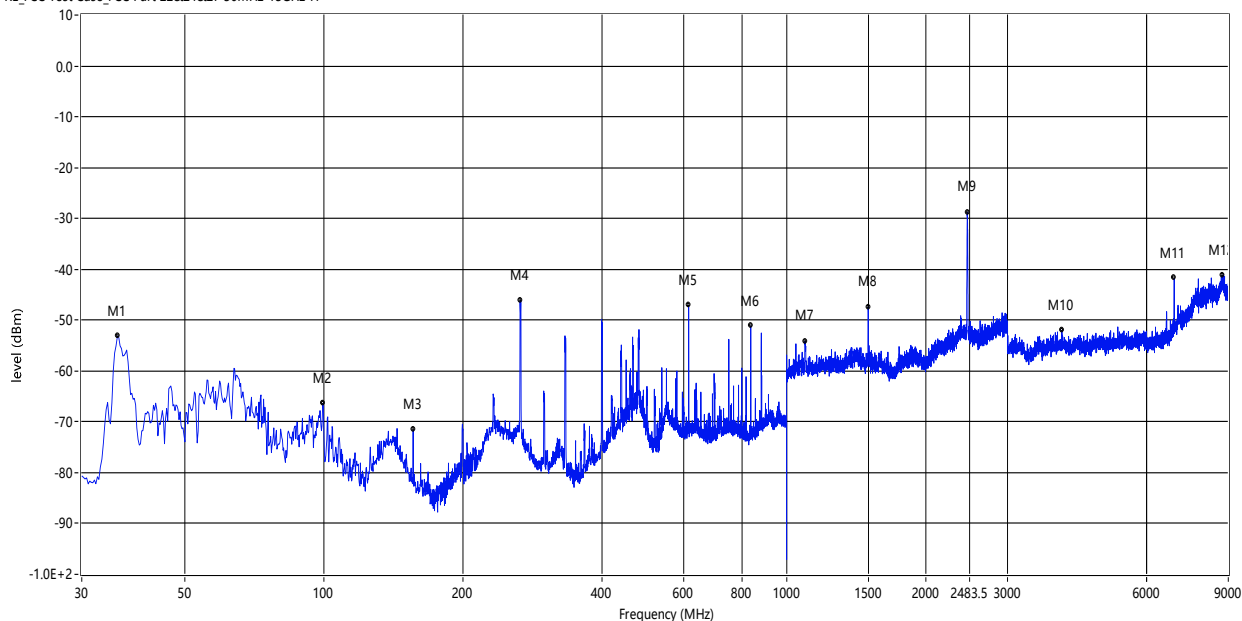
RE_FCC Test Case_FCC Part 22&24&27 30MHz-13GHz-V



Frequency (MHz)	Result (dBm)	Limit (dBm)	Over Limit (dB)	ANT	Verdict
36.062	-49.30	-13.0	-36.30	Vertical	Pass
98.870	-67.38	-13.0	-54.38	Vertical	Pass
266.438	-46.02	-13.0	-33.02	Vertical	Pass
398.358	-50.10	-13.0	-37.10	Vertical	Pass
614.425	-47.48	-13.0	-34.48	Vertical	Pass
836.555	-51.30	-13.0	-38.30	Vertical	Pass
1097.500	-54.86	-13.0	-41.86	Vertical	Pass
1500.500	-45.87	-13.0	-32.87	Vertical	Pass
2457.500	-29.16	-13.0	-16.16	Vertical	Pass
4249.500	-51.91	-13.0	-38.91	Vertical	Pass
6874.500	-35.41	-13.0	-22.41	Vertical	Pass
8764.500	-40.35	-13.0	-27.35	Vertical	Pass

Band 5_QPSK_15kHz_12#0_High_H

RE_FCC Test Case_FCC Part 22&24&27 30MHz-13GHz-H

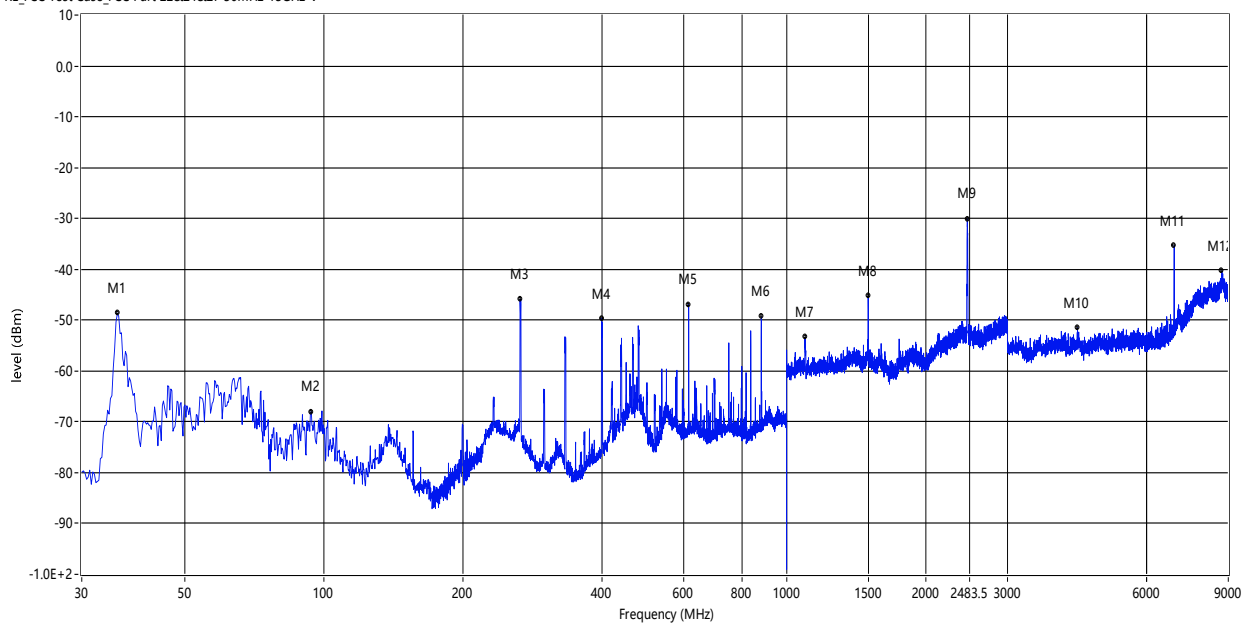


Frequency (MHz)	Result (dBm)	Limit (dBm)	Over Limit (dB)	ANT	Verdict
35.820	-53.11	-13.0	-40.11	Horizontal	Pass
99.598	-66.33	-13.0	-53.33	Horizontal	Pass
155.858	-71.59	-13.0	-58.59	Horizontal	Pass
266.438	-46.18	-13.0	-33.18	Horizontal	Pass
614.425	-47.04	-13.0	-34.04	Horizontal	Pass
836.555	-51.14	-13.0	-38.14	Horizontal	Pass
1095.500	-54.12	-13.0	-41.12	Horizontal	Pass
1500.500	-47.40	-13.0	-34.40	Horizontal	Pass
2458.500	-28.77	-13.0	-15.77	Horizontal	Pass
3933.000	-51.95	-13.0	-38.95	Vertical	Pass
6874.500	-41.74	-13.0	-28.74	Vertical	Pass
8734.500	-41.27	-13.0	-28.27	Vertical	Pass



Band 5_QPSK_15kHz_12#0_High_V

RE_FCC Test Case_FCC Part 22&24&27 30MHz-13GHz-V

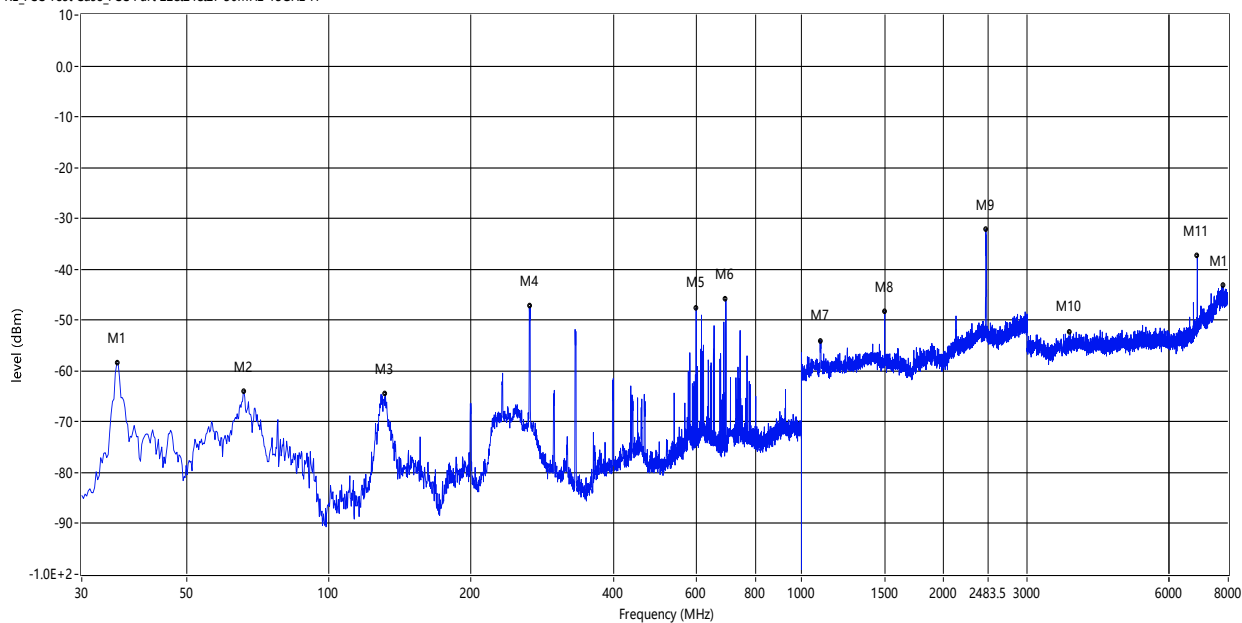


Frequency (MHz)	Result (dBm)	Limit (dBm)	Over Limit (dB)	ANT	Verdict
35.820	-48.62	-13.0	-35.62	Vertical	Pass
94.020	-68.02	-13.0	-55.02	Vertical	Pass
266.438	-45.88	-13.0	-32.88	Vertical	Pass
398.358	-49.69	-13.0	-36.69	Vertical	Pass
614.425	-46.94	-13.0	-33.94	Vertical	Pass
881.660	-49.37	-13.0	-36.37	Vertical	Pass
1096.000	-53.36	-13.0	-40.36	Vertical	Pass
1500.500	-45.27	-13.0	-32.27	Vertical	Pass
2457.000	-30.09	-13.0	-17.09	Vertical	Pass
4249.500	-51.49	-13.0	-38.49	Vertical	Pass
6874.500	-35.31	-13.0	-22.31	Vertical	Pass
8719.500	-40.30	-13.0	-27.30	Vertical	Pass



Band 12_QPSK_3.75kHz_1#0_Low_H

RE_FCC Test Case_FCC Part 22&24&27 30MHz-13GHz-H

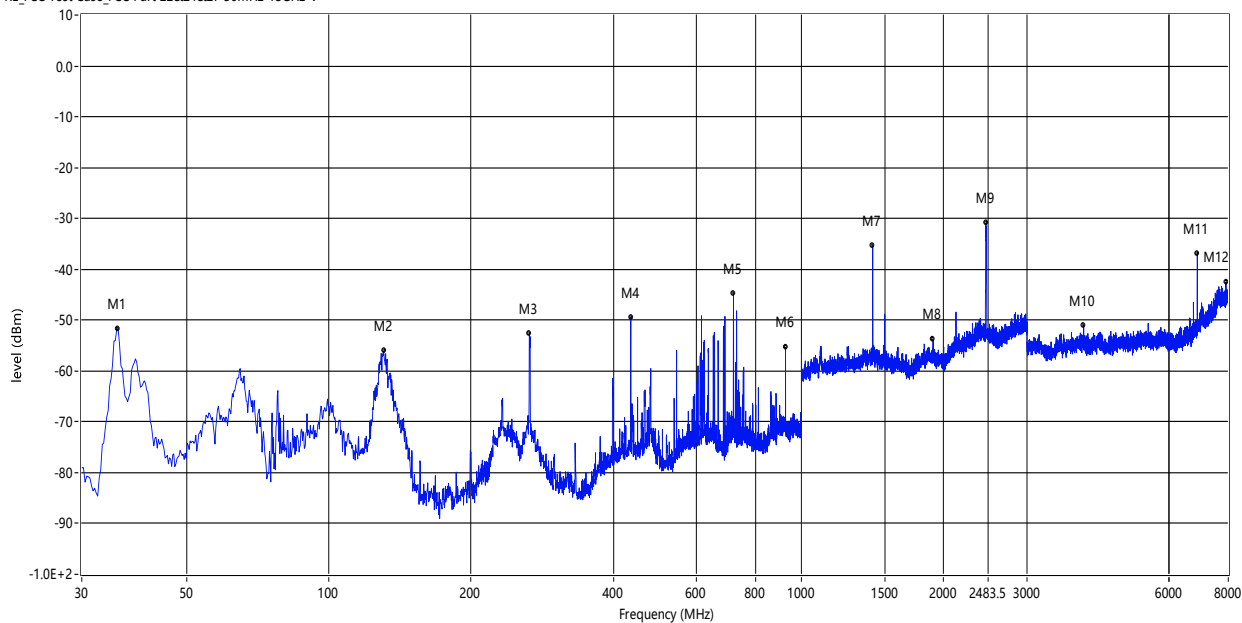


Frequency (MHz)	Result (dBm)	Limit (dBm)	Over Limit (dB)	ANT	Verdict
35.820	-58.47	-13.0	-45.47	Horizontal	Pass
66.132	-64.12	-13.0	-51.12	Horizontal	Pass
131.607	-64.50	-13.0	-51.50	Horizontal	Pass
266.438	-47.32	-13.0	-34.32	Horizontal	Pass
598.662	-47.60	-13.0	-34.60	Horizontal	Pass
692.025	-45.94	-13.0	-32.94	Horizontal	Pass
1099.500	-54.12	-13.0	-41.12	Horizontal	Pass
1500.500	-48.34	-13.0	-35.34	Horizontal	Pass
2456.500	-32.16	-13.0	-19.16	Horizontal	Pass
3703.750	-52.35	-13.0	-39.35	Horizontal	Pass
6878.750	-37.38	-13.0	-24.38	Horizontal	Pass
7796.250	-43.30	-13.0	-30.30	Horizontal	Pass



Band 12_QPSK_3.75kHz_1#0_Low_V

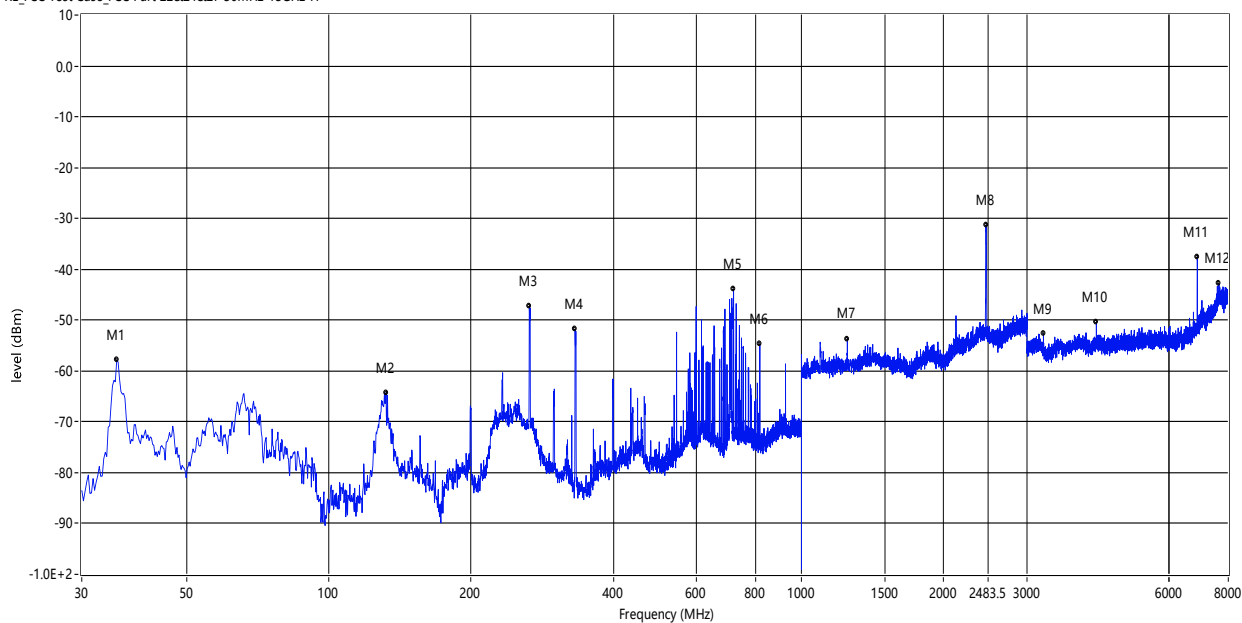
RE_FCC Test Case FCC Part 22&24&27 30MHz-13GHz-V



Frequency (MHz)	Result (dBm)	Limit (dBm)	Over Limit (dB)	ANT	Verdict
35.820	-51.69	-13.0	-38.69	Vertical	Pass
130.637	-56.10	-13.0	-43.10	Vertical	Pass
265.468	-52.74	-13.0	-39.74	Vertical	Pass
435.460	-49.49	-13.0	-36.49	Vertical	Pass
925.310	-55.42	-13.0	-42.42	Vertical	Pass
1415.000	-35.44	-13.0	-22.44	Vertical	Pass
1898.000	-53.86	-13.0	-40.86	Vertical	Pass
2456.000	-30.97	-13.0	-17.97	Vertical	Pass
3955.000	-51.02	-13.0	-38.02	Vertical	Pass
6877.500	-36.92	-13.0	-23.92	Vertical	Pass
7911.250	-42.63	-13.0	-29.63	Vertical	Pass

Band 12_QPSK_3.75kHz_1#0_Mid_H

RE_FCC Test Case_FCC Part 22&24&27 30MHz-13GHz-H

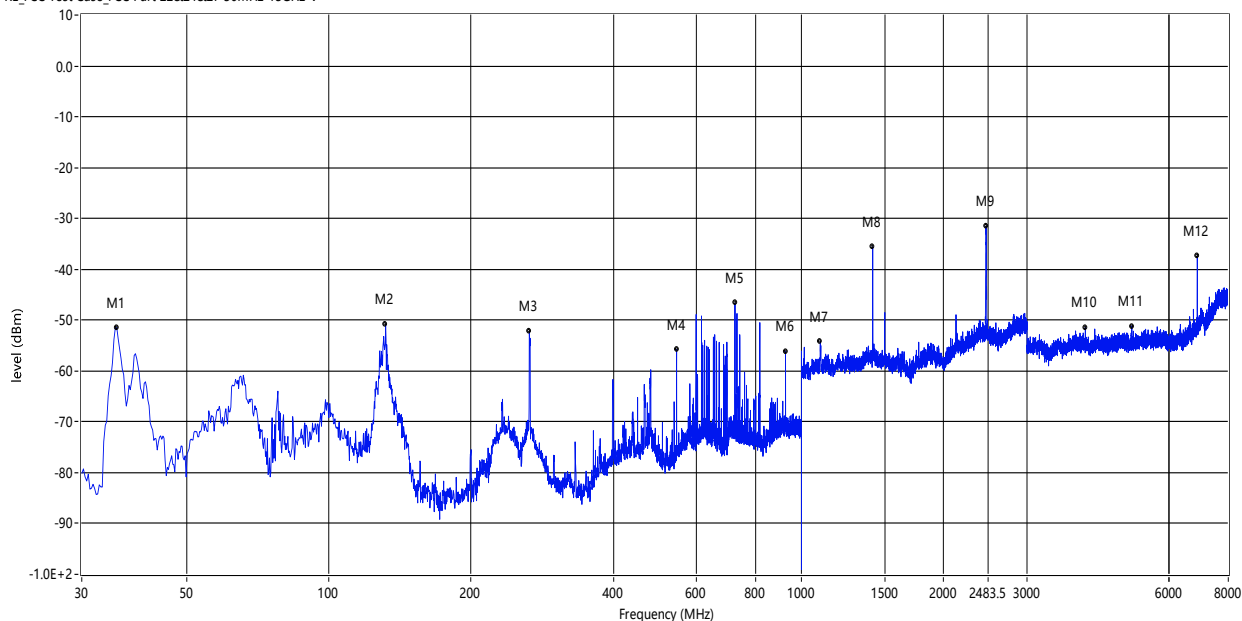


Frequency (MHz)	Result (dBm)	Limit (dBm)	Over Limit (dB)	ANT	Verdict
35.578	-57.79	-13.0	-44.79	Horizontal	Pass
132.092	-64.27	-13.0	-51.27	Horizontal	Pass
265.468	-47.30	-13.0	-34.30	Horizontal	Pass
331.913	-51.81	-13.0	-38.81	Horizontal	Pass
718.215	-43.91	-13.0	-30.91	Horizontal	Pass
816.428	-54.66	-13.0	-41.66	Horizontal	Pass
1250.000	-53.67	-13.0	-40.67	Horizontal	Pass
2456.000	-31.28	-13.0	-18.28	Horizontal	Pass
3250.000	-52.68	-13.0	-39.68	Horizontal	Pass
4206.250	-50.45	-13.0	-37.45	Horizontal	Pass
6877.500	-37.57	-13.0	-24.57	Horizontal	Pass
7645.000	-42.80	-13.0	-29.80	Horizontal	Pass



Band 12_QPSK_3.75kHz_1#0_Mid_V

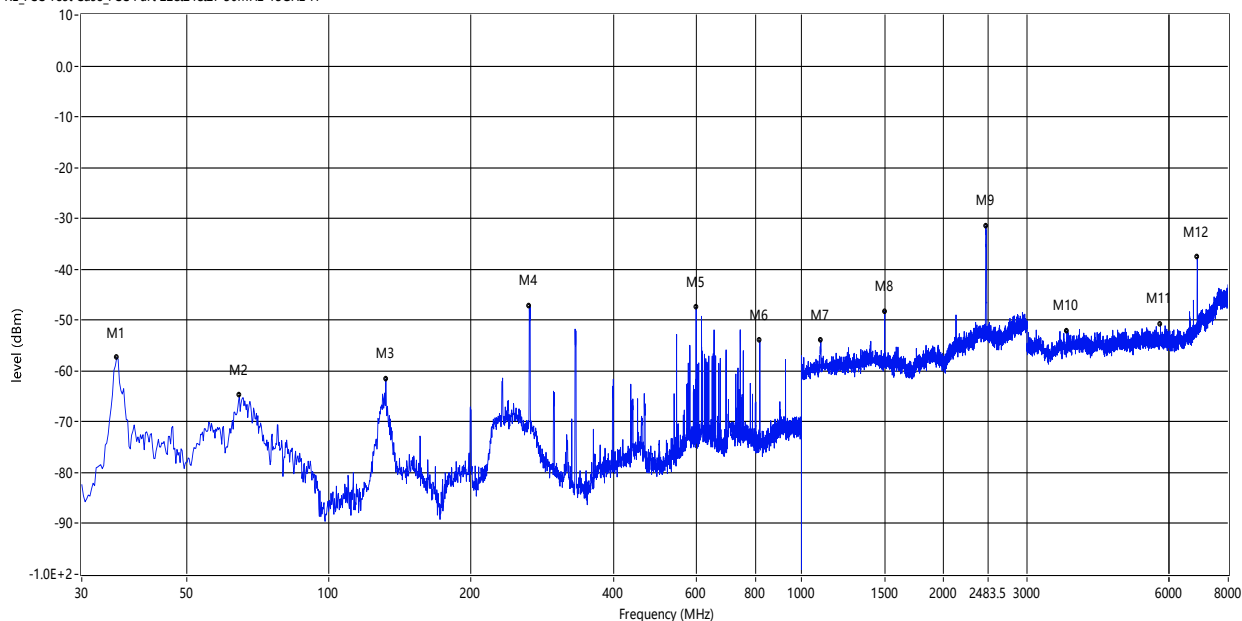
RE_FCC Test Case_FCC Part 22&24&27 30MHz-13GHz-V



Frequency (MHz)	Result (dBm)	Limit (dBm)	Over Limit (dB)	ANT	Verdict
35.578	-51.46	-13.0	-38.46	Vertical	Pass
131.850	-50.90	-13.0	-37.90	Vertical	Pass
265.468	-52.14	-13.0	-39.14	Vertical	Pass
544.343	-55.75	-13.0	-42.75	Vertical	Pass
723.065	-46.66	-13.0	-33.66	Vertical	Pass
925.310	-56.18	-13.0	-43.18	Vertical	Pass
1096.000	-54.16	-13.0	-41.16	Vertical	Pass
1415.000	-35.56	-13.0	-22.56	Vertical	Pass
2457.500	-31.50	-13.0	-18.50	Vertical	Pass
3986.250	-51.41	-13.0	-38.41	Vertical	Pass
5000.000	-51.18	-13.0	-38.18	Vertical	Pass
6877.500	-37.42	-13.0	-24.42	Vertical	Pass

Band 12_QPSK_3.75kHz_1#0_High_H

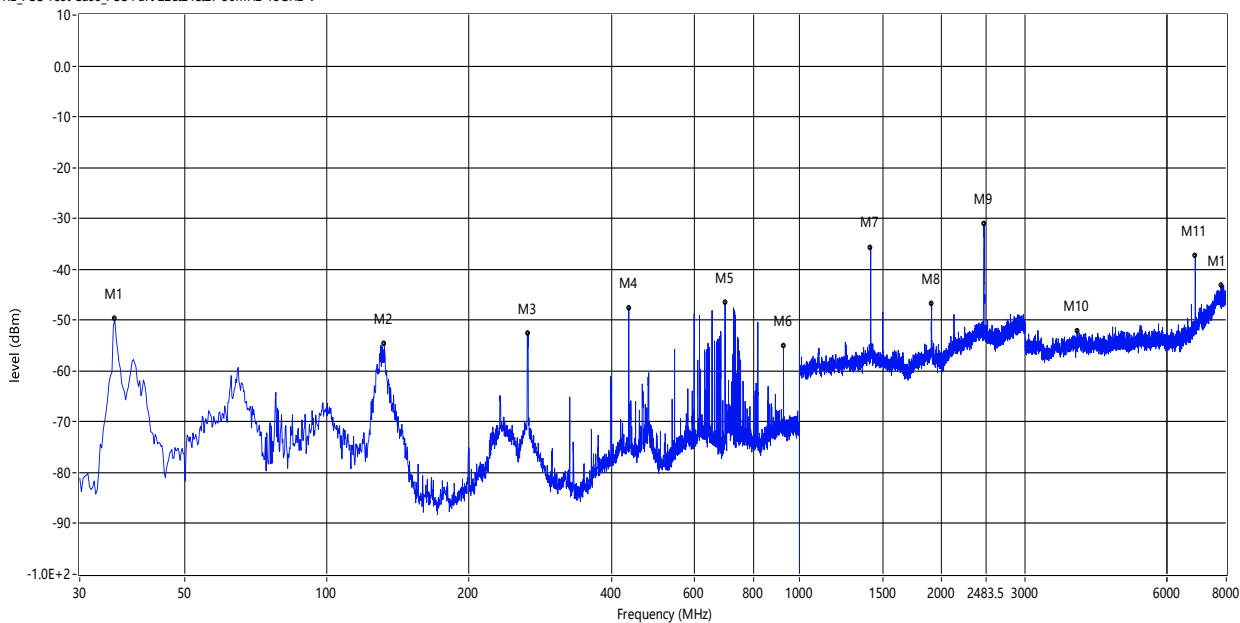
RE_FCC Test Case_FCC Part 22&24&27 30MHz-13GHz-H



Frequency (MHz)	Result (dBm)	Limit (dBm)	Over Limit (dB)	ANT	Verdict
35.578	-57.35	-13.0	-44.35	Horizontal	Pass
64.677	-64.84	-13.0	-51.84	Horizontal	Pass
132.092	-61.53	-13.0	-48.53	Horizontal	Pass
265.468	-47.18	-13.0	-34.18	Horizontal	Pass
598.662	-47.44	-13.0	-34.44	Horizontal	Pass
816.428	-54.05	-13.0	-41.05	Horizontal	Pass
1099.000	-53.98	-13.0	-40.98	Horizontal	Pass
1500.000	-48.28	-13.0	-35.28	Horizontal	Pass
2456.500	-31.45	-13.0	-18.45	Horizontal	Pass
3645.000	-52.08	-13.0	-39.08	Horizontal	Pass
5750.000	-50.78	-13.0	-37.78	Horizontal	Pass
6877.500	-37.66	-13.0	-24.66	Horizontal	Pass

Band 12_QPSK_3.75kHz_1#0_High_V

RE_FCC Test Case FCC Part 22&24&27 30MHz-13GHz-V

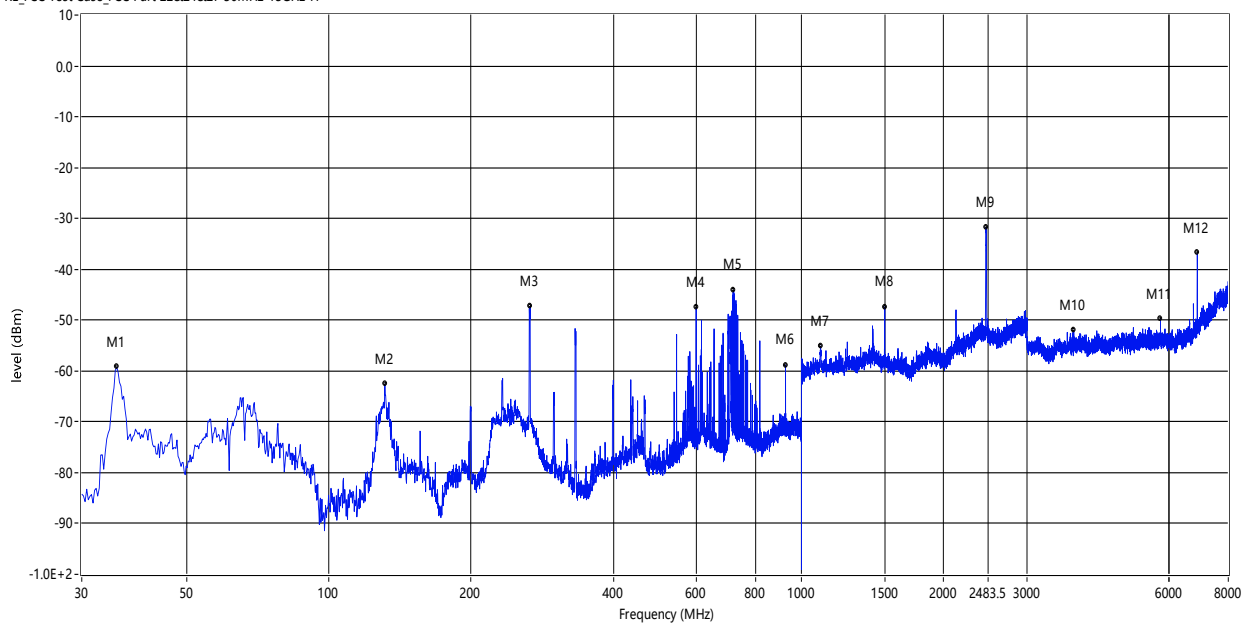


Frequency (MHz)	Result (dBm)	Limit (dBm)	Over Limit (dB)	ANT	Verdict
35.578	-49.80	-13.0	-36.80	Vertical	Pass
132.335	-54.66	-13.0	-41.66	Vertical	Pass
266.438	-52.61	-13.0	-39.61	Vertical	Pass
435.460	-47.65	-13.0	-34.65	Vertical	Pass
925.310	-55.21	-13.0	-42.21	Vertical	Pass
1415.000	-35.70	-13.0	-22.70	Vertical	Pass
1904.000	-46.80	-13.0	-33.80	Vertical	Pass
2459.000	-31.19	-13.0	-18.19	Vertical	Pass
3866.250	-52.15	-13.0	-39.15	Vertical	Pass
6877.500	-37.43	-13.0	-24.43	Vertical	Pass
7797.500	-43.30	-13.0	-30.30	Vertical	Pass



Band 12_QPSK_3.75kHz_1#47_low_H

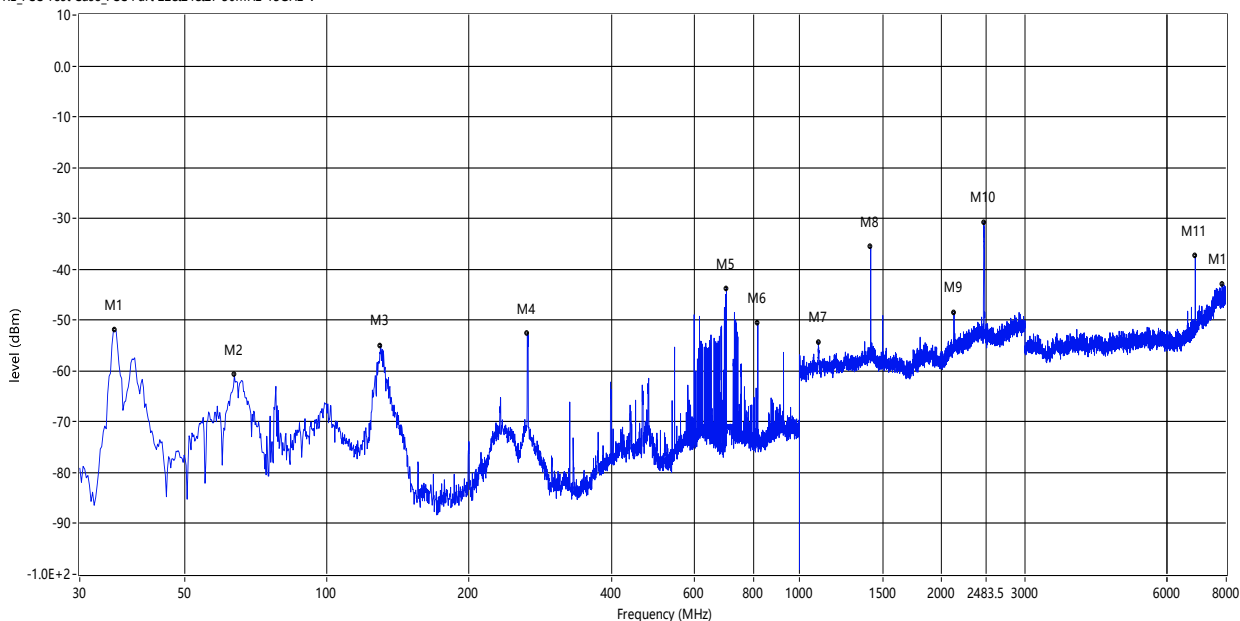
RE_FCC Test Case_FCC Part 22&24&27 30MHz-13GHz-H



Frequency (MHz)	Result (dBm)	Limit (dBm)	Over Limit (dB)	ANT	Verdict
35.578	-59.25	-13.0	-46.25	Horizontal	Pass
131.365	-62.61	-13.0	-49.61	Horizontal	Pass
266.438	-47.25	-13.0	-34.25	Horizontal	Pass
598.662	-47.54	-13.0	-34.54	Horizontal	Pass
925.310	-58.81	-13.0	-45.81	Horizontal	Pass
1097.500	-55.10	-13.0	-42.10	Horizontal	Pass
1500.500	-47.41	-13.0	-34.41	Horizontal	Pass
2456.500	-31.75	-13.0	-18.75	Horizontal	Pass
3768.750	-51.97	-13.0	-38.97	Horizontal	Pass
5750.000	-49.73	-13.0	-36.73	Horizontal	Pass
6877.500	-36.75	-13.0	-23.75	Horizontal	Pass

Band 12_QPSK_3.75kHz_1#47_low_V

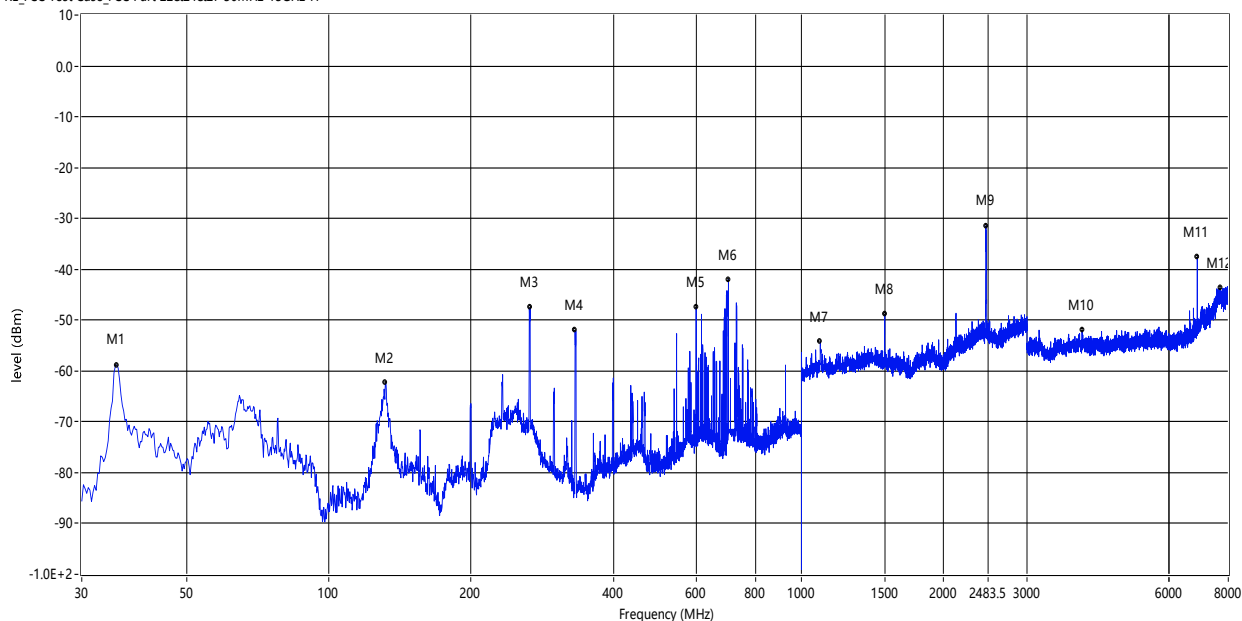
RE_FCC Test Case FCC Part 22&24&27 30MHz-13GHz-V



Frequency (MHz)	Result (dBm)	Limit (dBm)	Over Limit (dB)	ANT	Verdict
35.578	-52.06	-13.0	-39.06	Vertical	Pass
63.708	-60.79	-13.0	-47.79	Vertical	Pass
129.910	-55.03	-13.0	-42.03	Vertical	Pass
265.468	-52.64	-13.0	-39.64	Vertical	Pass
700.513	-43.79	-13.0	-30.79	Vertical	Pass
816.428	-50.58	-13.0	-37.58	Vertical	Pass
1096.500	-54.35	-13.0	-41.35	Vertical	Pass
1415.000	-35.63	-13.0	-22.63	Vertical	Pass
2123.000	-48.53	-13.0	-35.53	Vertical	Pass
2456.000	-30.77	-13.0	-17.77	Vertical	Pass
6877.500	-37.48	-13.0	-24.48	Vertical	Pass
7837.500	-42.95	-13.0	-29.95	Vertical	Pass

Band 12_QPSK_3.75kHz_1#47_Mid_H

RE_FCC Test Case_FCC Part 22&24&27 30MHz-13GHz-H



Frequency (MHz)	Result (dBm)	Limit (dBm)	Over Limit (dB)	ANT	Verdict
35.578	-58.81	-13.0	-45.81	Horizontal	Pass
131.850	-62.35	-13.0	-49.35	Horizontal	Pass
266.438	-47.57	-13.0	-34.57	Horizontal	Pass
331.913	-51.96	-13.0	-38.96	Horizontal	Pass
598.662	-47.53	-13.0	-34.53	Horizontal	Pass
1096.000	-54.26	-13.0	-41.26	Horizontal	Pass
1500.000	-48.89	-13.0	-35.89	Horizontal	Pass
2456.500	-31.47	-13.0	-18.47	Horizontal	Pass
3923.750	-52.05	-13.0	-39.05	Horizontal	Pass
6877.500	-37.61	-13.0	-24.61	Horizontal	Pass
7700.000	-43.68	-13.0	-30.68	Horizontal	Pass