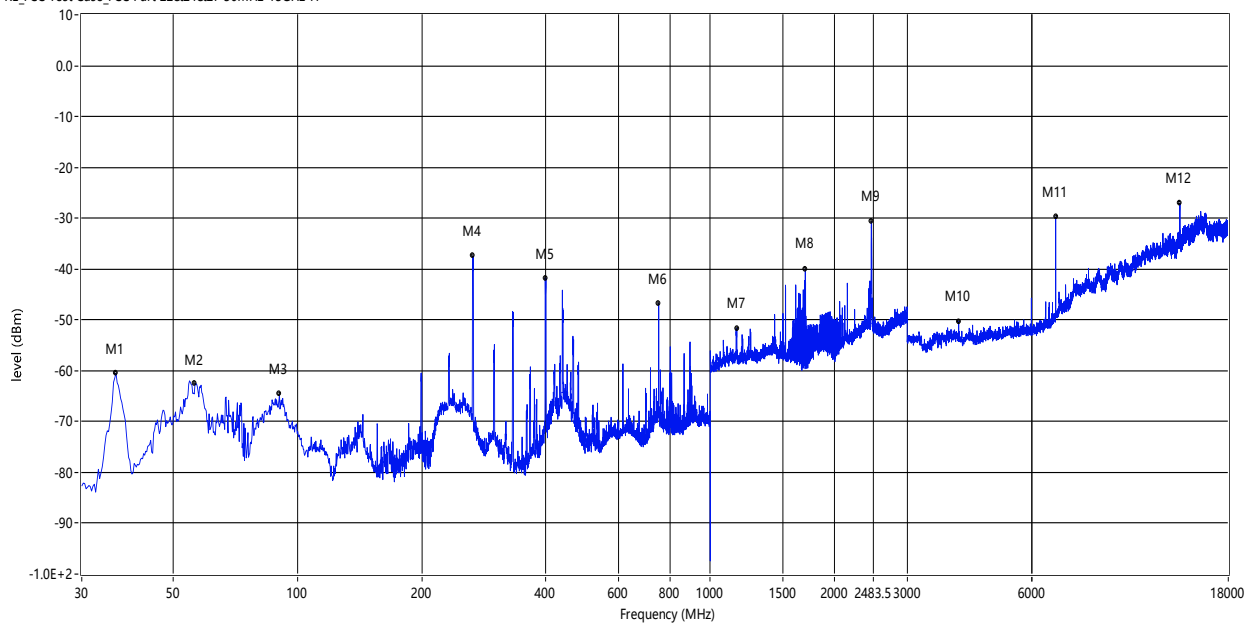




Transmitter Radiated Spurious Emission Band 2_QPSK_3.75kHz_1#0_Low_H

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

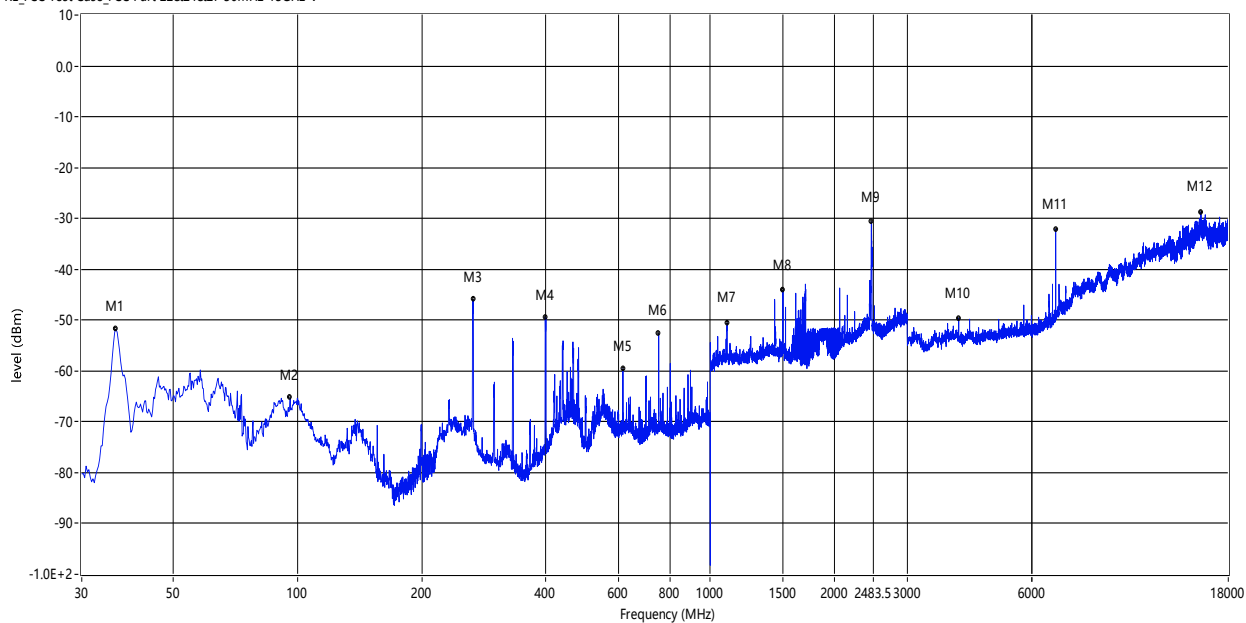


Frequency (MHz)	Result (dBm)	Limit (dBm)	Over Limit (dB)	ANT	Verdict
36.305	-60.50	-13.0	-47.50	Horizontal	Pass
56.432	-62.46	-13.0	-49.46	Horizontal	Pass
90.382	-64.61	-13.0	-51.61	Horizontal	Pass
265.468	-37.44	-13.0	-24.44	Horizontal	Pass
398.358	-41.78	-13.0	-28.78	Horizontal	Pass
749.982	-46.73	-13.0	-33.73	Horizontal	Pass
1159.500	-51.67	-13.0	-38.67	Horizontal	Pass
1701.000	-37.29	-13.0	-24.29	Horizontal	Pass
2456.000	-30.72	-13.0	-17.72	Horizontal	Pass
4000.000	-50.31	-13.0	-37.31	Horizontal	Pass
6872.500	-29.76	-13.0	-16.76	Horizontal	Pass
13743.750	-27.04	-13.0	-14.04	Horizontal	Pass



Band 2_QPSK_3.75kHz_1#0_Low_V

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

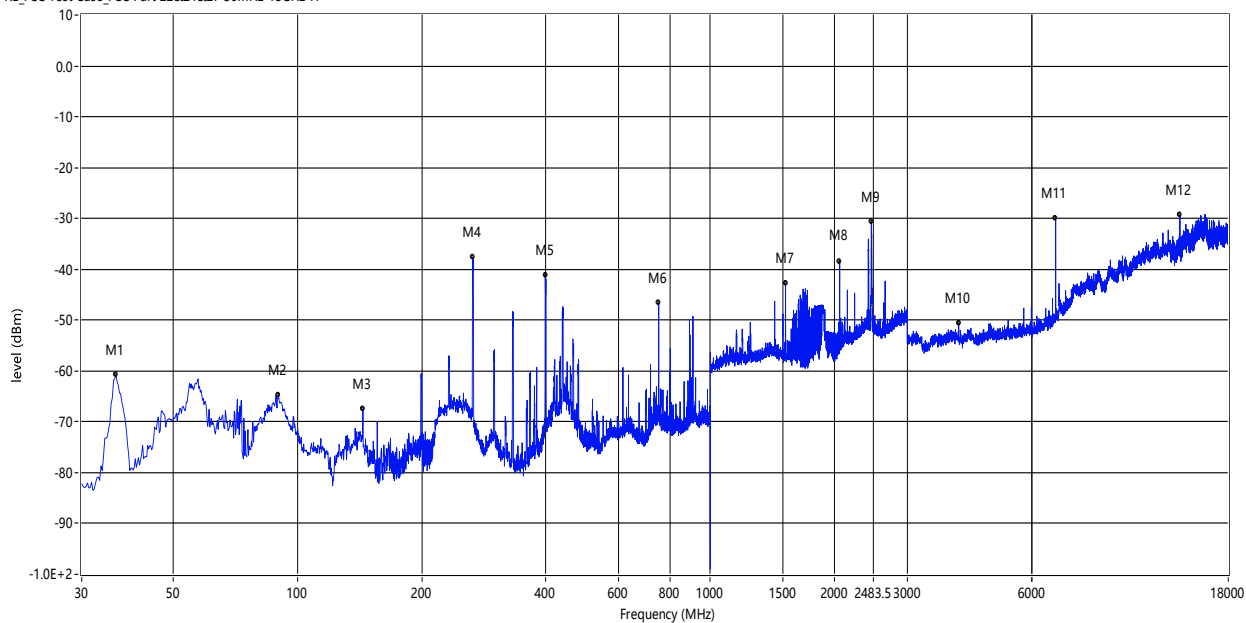


Frequency (MHz)	Result (dBm)	Limit (dBm)	Over Limit (dB)	ANT	Verdict
36.305	-51.82	-13.0	-38.82	Vertical	Pass
95.960	-65.31	-13.0	-52.31	Vertical	Pass
266.438	-45.99	-13.0	-32.99	Vertical	Pass
398.358	-49.40	-13.0	-36.40	Vertical	Pass
614.425	-59.57	-13.0	-46.57	Vertical	Pass
749.982	-52.65	-13.0	-39.65	Vertical	Pass
1099.500	-50.54	-13.0	-37.54	Vertical	Pass
1500.000	-44.16	-13.0	-31.16	Vertical	Pass
2456.500	-30.66	-13.0	-17.66	Vertical	Pass
4000.000	-49.63	-13.0	-36.63	Vertical	Pass
6872.500	-32.10	-13.0	-19.10	Vertical	Pass
15436.250	-28.74	-13.0	-15.74	Vertical	Pass



Band 2_QPSK_3.75kHz_1#0_Mid_H

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

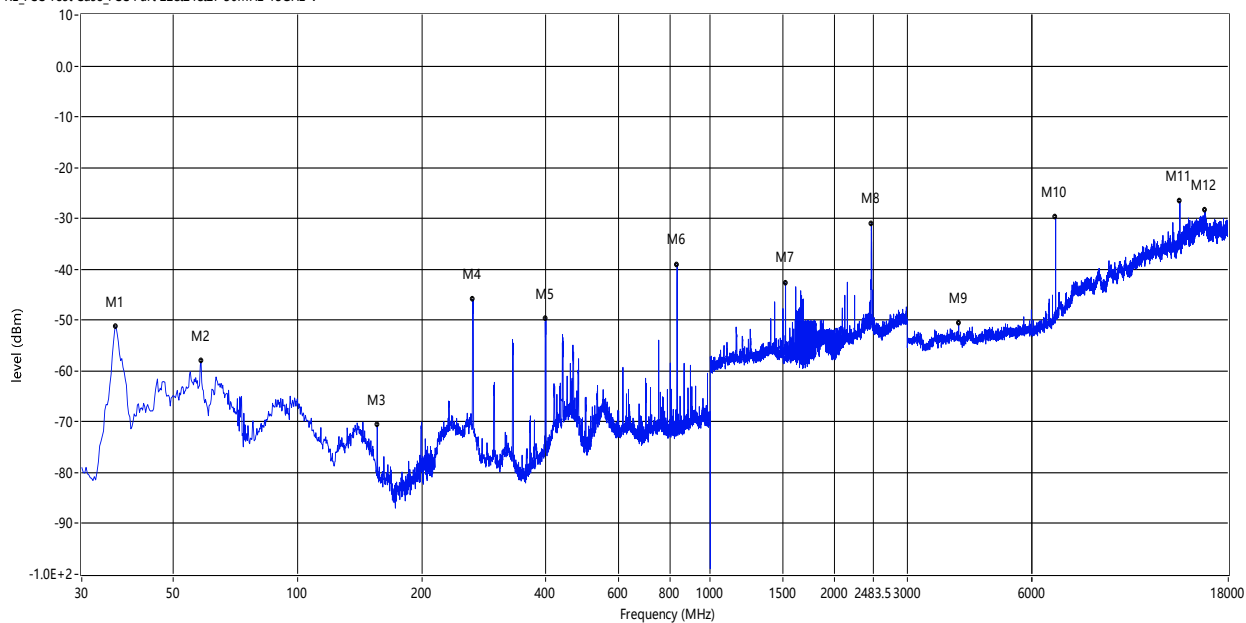


Frequency (MHz)	Result (dBm)	Limit (dBm)	Over Limit (dB)	ANT	Verdict
36.305	-60.80	-13.0	-47.80	Horizontal	Pass
89.897	-64.71	-13.0	-51.71	Horizontal	Pass
143.975	-67.47	-13.0	-54.47	Horizontal	Pass
265.468	-37.61	-13.0	-24.61	Horizontal	Pass
398.358	-41.29	-13.0	-28.29	Horizontal	Pass
749.982	-46.67	-13.0	-33.67	Horizontal	Pass
1522.000	-42.84	-13.0	-29.84	Horizontal	Pass
2059.500	-38.42	-13.0	-25.42	Horizontal	Pass
2456.000	-30.68	-13.0	-17.68	Horizontal	Pass
4000.000	-50.65	-13.0	-37.65	Horizontal	Pass
6870.000	-29.95	-13.0	-16.95	Horizontal	Pass
13742.500	-29.34	-13.0	-16.34	Horizontal	Pass



Band 2_QPSK_3.75kHz_1#0_Mid_V

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

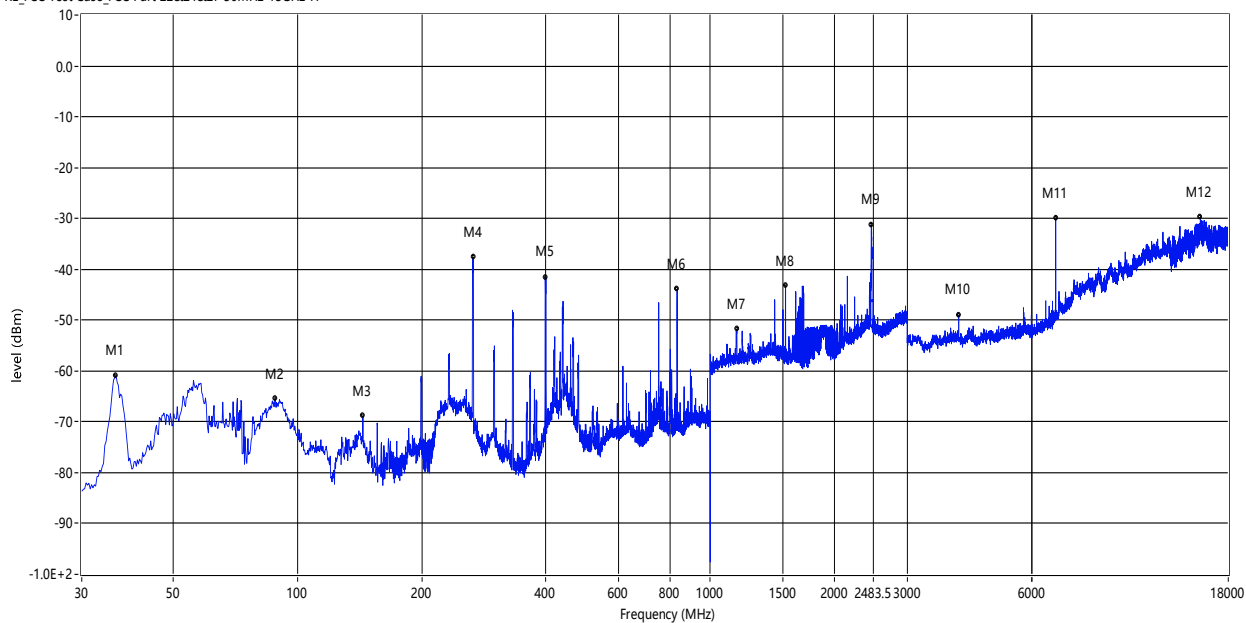


Frequency (MHz)	Result (dBm)	Limit (dBm)	Over Limit (dB)	ANT	Verdict
36.305	-51.29	-13.0	-38.29	Vertical	Pass
58.373	-58.13	-13.0	-45.13	Vertical	Pass
155.858	-70.66	-13.0	-57.66	Vertical	Pass
265.468	-45.98	-13.0	-32.98	Vertical	Pass
399.813	-49.71	-13.0	-36.71	Vertical	Pass
830.977	-39.07	-13.0	-26.07	Vertical	Pass
1522.000	-42.66	-13.0	-29.66	Vertical	Pass
2457.500	-30.99	-13.0	-17.99	Vertical	Pass
4000.000	-50.68	-13.0	-37.68	Vertical	Pass
6870.000	-29.82	-13.0	-16.82	Vertical	Pass
13742.500	-26.57	-13.0	-13.57	Vertical	Pass
15818.750	-28.49	-13.0	-15.49	Vertical	Pass



Band 2_QPSK_3.75kHz_1#0_High_H

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

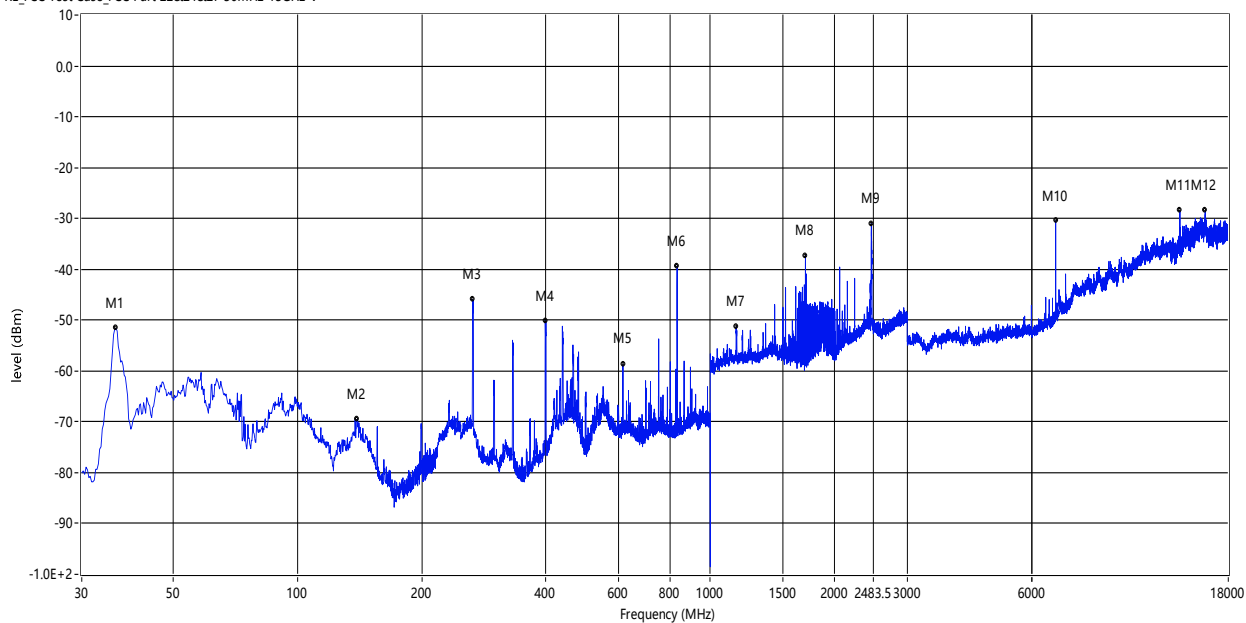


Frequency (MHz)	Result (dBm)	Limit (dBm)	Over Limit (dB)	ANT	Verdict
36.305	-60.88	-13.0	-47.88	Horizontal	Pass
88.200	-65.48	-13.0	-52.48	Horizontal	Pass
143.975	-68.85	-13.0	-55.85	Horizontal	Pass
266.438	-37.63	-13.0	-24.63	Horizontal	Pass
399.813	-41.54	-13.0	-28.54	Horizontal	Pass
830.977	-43.88	-13.0	-30.88	Horizontal	Pass
1160.000	-51.76	-13.0	-38.76	Horizontal	Pass
1522.000	-43.22	-13.0	-30.22	Horizontal	Pass
2456.500	-31.24	-13.0	-18.24	Horizontal	Pass
4000.000	-48.94	-13.0	-35.94	Horizontal	Pass
6872.500	-29.94	-13.0	-16.94	Horizontal	Pass
15415.000	-29.77	-13.0	-16.77	Horizontal	Pass



Band 2_QPSK_3.75kHz_1#0_High_V

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

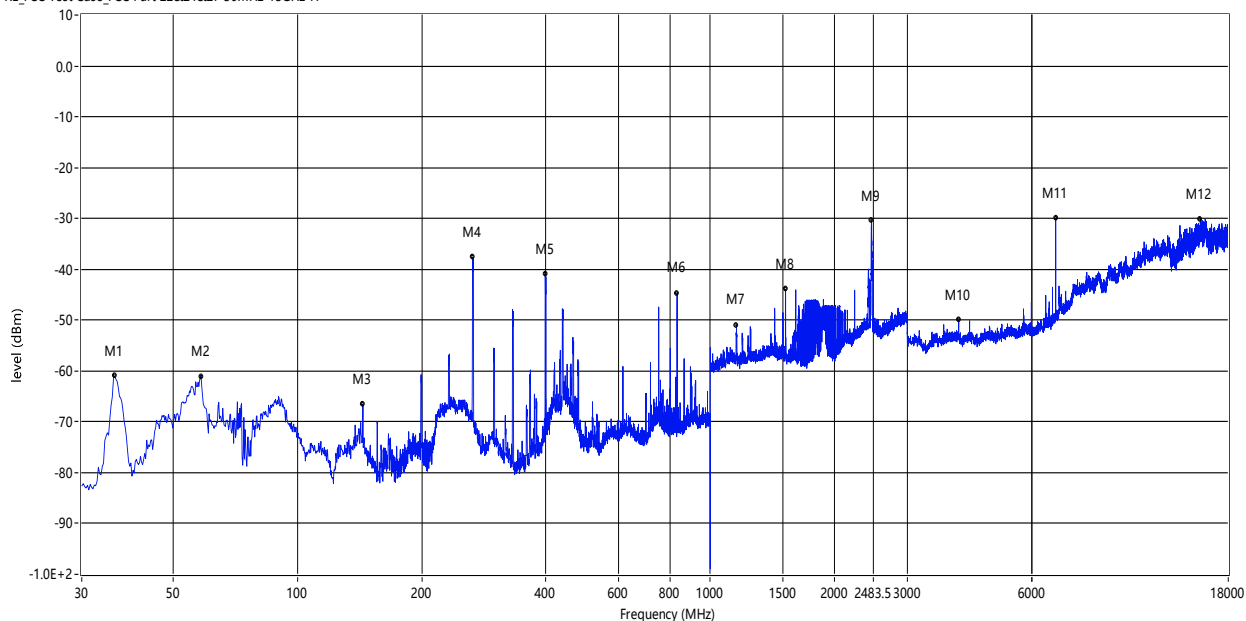


Frequency (MHz)	Result (dBm)	Limit (dBm)	Over Limit (dB)	ANT	Verdict
36.305	-51.61	-13.0	-38.61	Vertical	Pass
139.367	-69.49	-13.0	-56.49	Vertical	Pass
265.468	-45.97	-13.0	-32.97	Vertical	Pass
398.358	-50.15	-13.0	-37.15	Vertical	Pass
614.425	-58.80	-13.0	-45.80	Vertical	Pass
830.977	-39.34	-13.0	-26.34	Vertical	Pass
1158.000	-51.19	-13.0	-38.19	Vertical	Pass
1701.000	-37.26	-13.0	-24.26	Vertical	Pass
2456.500	-31.02	-13.0	-18.02	Vertical	Pass
6872.500	-30.45	-13.0	-17.45	Vertical	Pass
13743.750	-28.47	-13.0	-15.47	Vertical	Pass
15820.000	-28.50	-13.0	-15.50	Vertical	Pass



Band 2_QPSK_3.75kHz_1#47_Low_H

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

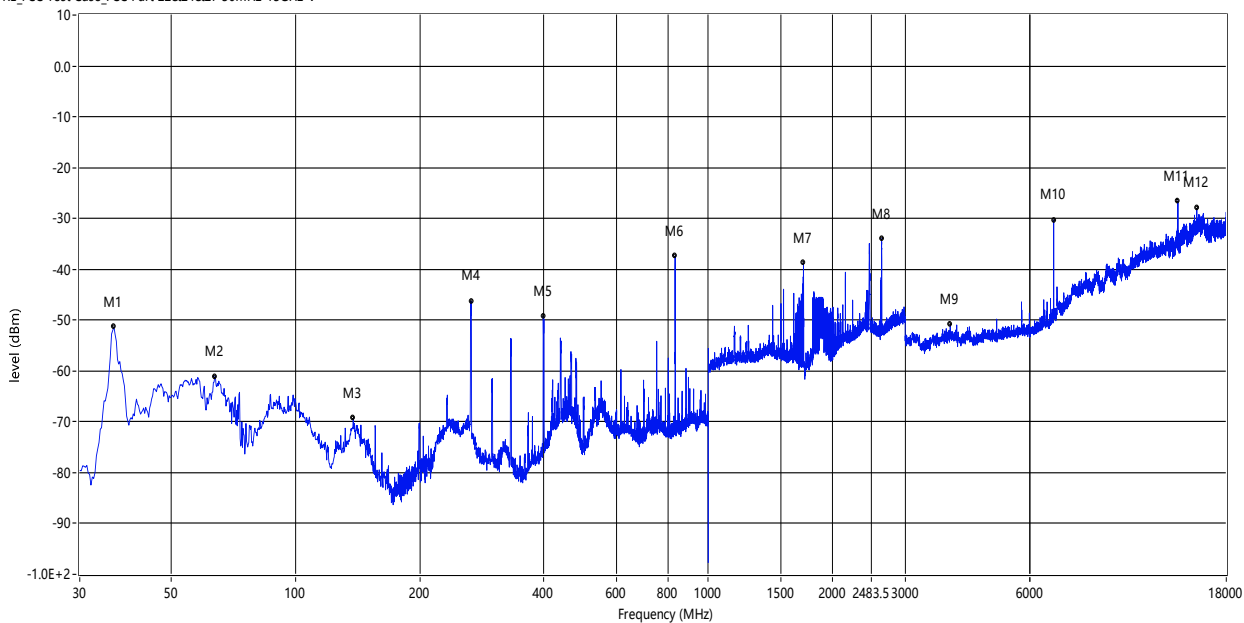


Frequency (MHz)	Result (dBm)	Limit (dBm)	Over Limit (dB)	ANT	Verdict
36.062	-61.00	-13.0	-48.00	Horizontal	Pass
58.373	-61.07	-13.0	-48.07	Horizontal	Pass
143.975	-66.62	-13.0	-53.62	Horizontal	Pass
265.468	-37.64	-13.0	-24.64	Horizontal	Pass
398.358	-41.01	-13.0	-28.01	Horizontal	Pass
830.977	-44.68	-13.0	-31.68	Horizontal	Pass
1157.500	-51.00	-13.0	-38.00	Horizontal	Pass
1522.500	-43.96	-13.0	-30.96	Horizontal	Pass
2458.500	-30.42	-13.0	-17.42	Horizontal	Pass
4000.000	-49.97	-13.0	-36.97	Horizontal	Pass
6872.500	-30.02	-13.0	-17.02	Horizontal	Pass
15402.500	-30.24	-13.0	-17.24	Horizontal	Pass



Band 2_QPSK_3.75kHz_1#47_Low_V

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

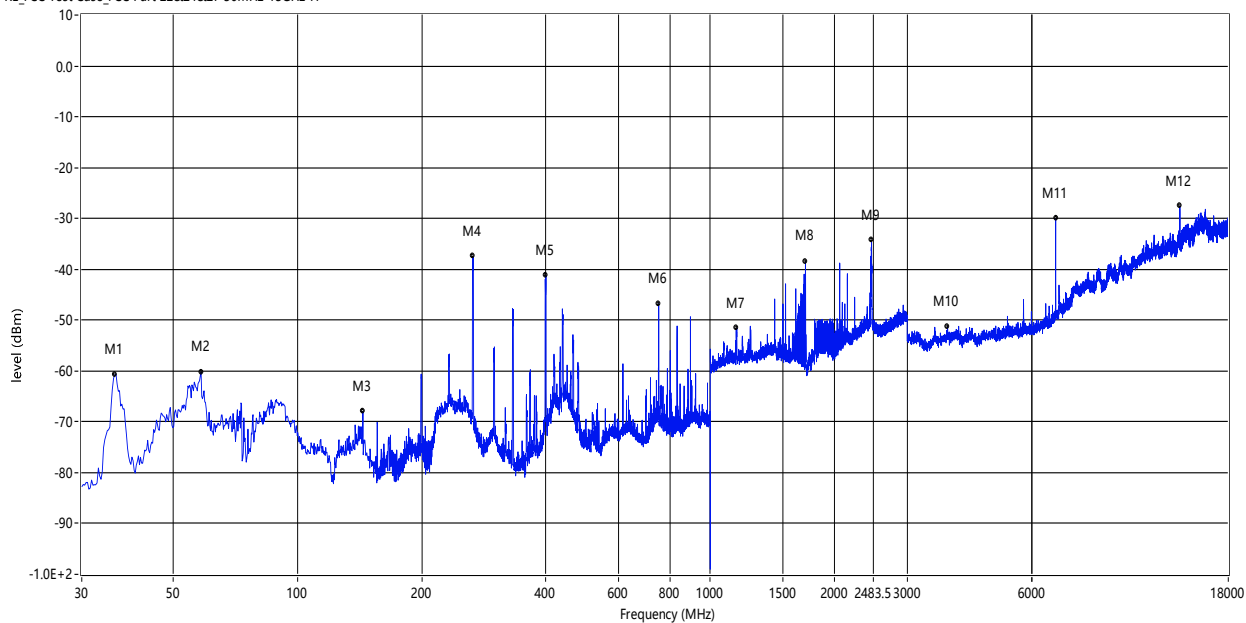


Frequency (MHz)	Result (dBm)	Limit (dBm)	Over Limit (dB)	ANT	Verdict
36.305	-51.38	-13.0	-38.38	Vertical	Pass
63.708	-61.09	-13.0	-48.09	Vertical	Pass
137.913	-69.35	-13.0	-56.35	Vertical	Pass
266.438	-46.27	-13.0	-33.27	Vertical	Pass
398.358	-49.37	-13.0	-36.37	Vertical	Pass
830.977	-37.36	-13.0	-24.36	Vertical	Pass
1701.500	-38.76	-13.0	-25.76	Vertical	Pass
2630.500	-33.99	-13.0	-20.99	Vertical	Pass
3857.500	-50.81	-13.0	-37.81	Vertical	Pass
6872.500	-30.31	-13.0	-17.31	Vertical	Pass
13742.500	-26.53	-13.0	-13.53	Vertical	Pass
15267.500	-28.02	-13.0	-15.02	Vertical	Pass



Band 2_QPSK_3.75kHz_1#47_Mid_H

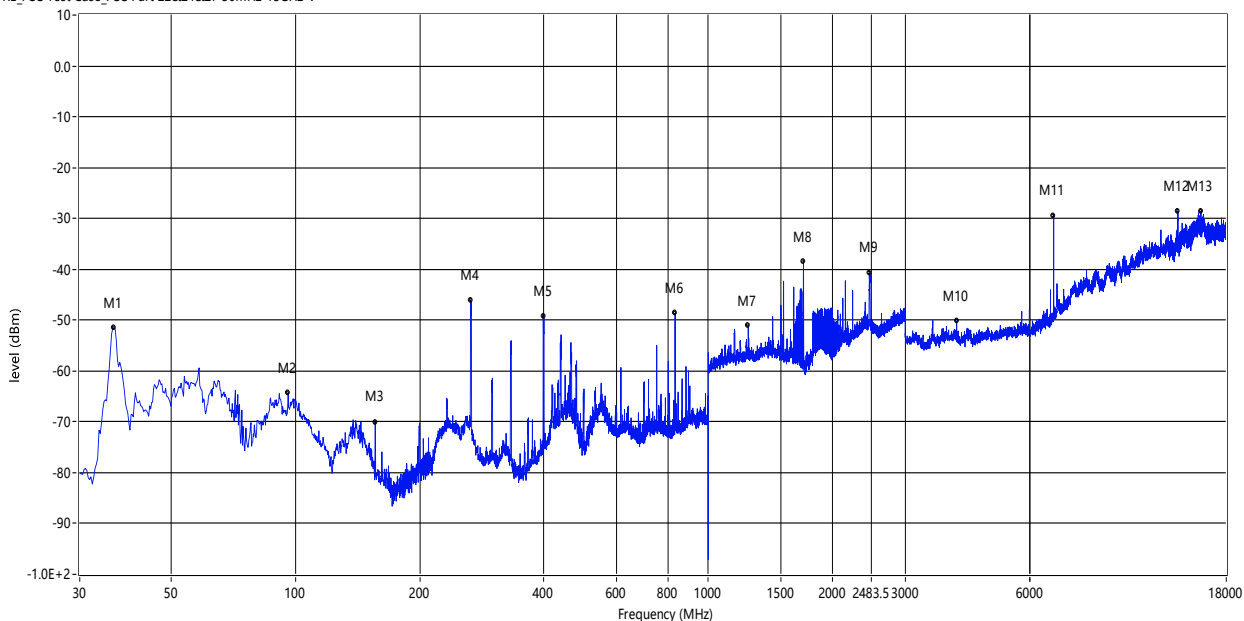
RE_FCC Test Case_FCC Part 22&24&27 30MHz-13GHz-H



Frequency (MHz)	Result (dBm)	Limit (dBm)	Over Limit (dB)	ANT	Verdict
36.062	-60.80	-13.0	-47.80	Horizontal	Pass
58.373	-60.21	-13.0	-47.21	Horizontal	Pass
143.975	-67.95	-13.0	-54.95	Horizontal	Pass
265.468	-37.45	-13.0	-24.45	Horizontal	Pass
399.813	-41.23	-13.0	-28.23	Horizontal	Pass
749.982	-46.74	-13.0	-33.74	Horizontal	Pass
1156.000	-51.57	-13.0	-38.57	Horizontal	Pass
1701.500	-38.43	-13.0	-25.43	Horizontal	Pass
2458.500	-34.33	-13.0	-21.33	Horizontal	Pass
3760.000	-51.22	-13.0	-38.22	Horizontal	Pass
6872.500	-30.04	-13.0	-17.04	Horizontal	Pass
13741.250	-27.55	-13.0	-14.55	Horizontal	Pass

Band 2_QPSK_3.75kHz_1#47_Mid_V

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

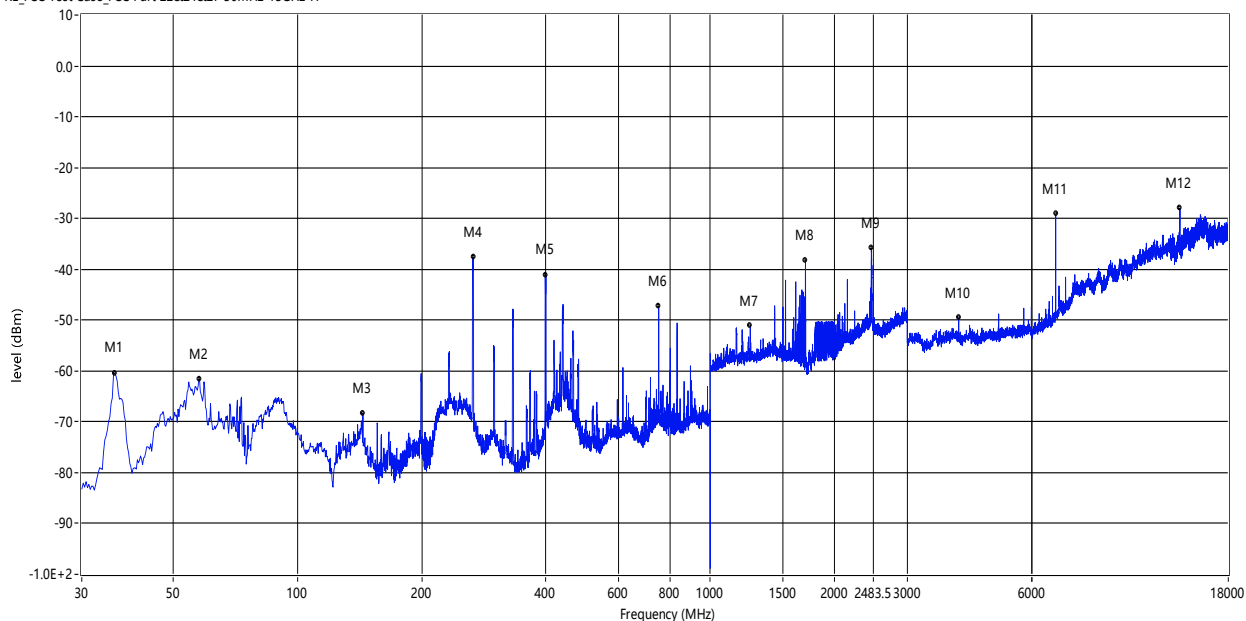


Frequency (MHz)	Result (dBm)	Limit (dBm)	Over Limit (dB)	ANT	Verdict
36.305	-51.53	-13.0	-38.53	Vertical	Pass
95.960	-64.27	-13.0	-51.27	Vertical	Pass
155.858	-70.07	-13.0	-57.07	Vertical	Pass
265.468	-46.15	-13.0	-33.15	Vertical	Pass
398.358	-49.17	-13.0	-36.17	Vertical	Pass
830.977	-48.61	-13.0	-35.61	Vertical	Pass
1250.000	-51.03	-13.0	-38.03	Vertical	Pass
1701.000	-38.47	-13.0	-25.47	Vertical	Pass
2463.500	-40.68	-13.0	-27.68	Vertical	Pass
4000.000	-50.14	-13.0	-37.14	Vertical	Pass
6870.000	-29.45	-13.0	-16.45	Vertical	Pass
13742.500	-28.68	-13.0	-15.68	Vertical	Pass
15622.500	-28.65	-13.0	-15.65	Vertical	Pass



Band 2_QPSK_3.75kHz_1#47_High_H

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

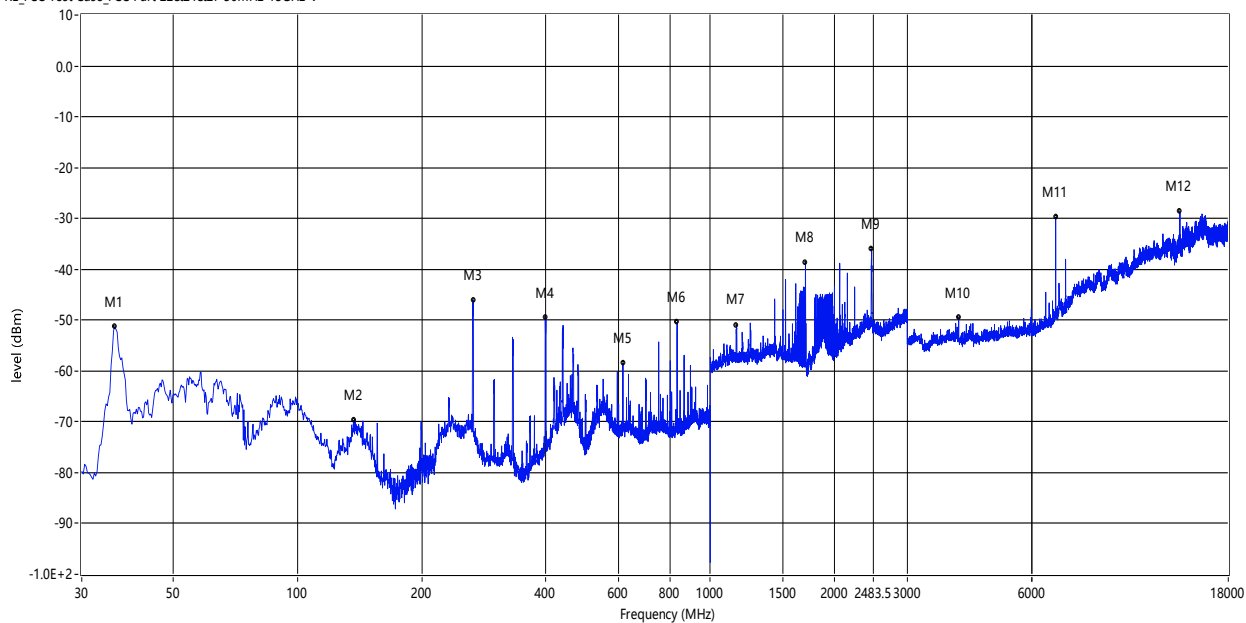


Frequency (MHz)	Result (dBm)	Limit (dBm)	Over Limit (dB)	ANT	Verdict
36.062	-60.44	-13.0	-47.44	Horizontal	Pass
57.888	-61.57	-13.0	-48.57	Horizontal	Pass
143.975	-68.32	-13.0	-55.32	Horizontal	Pass
266.438	-37.55	-13.0	-24.55	Horizontal	Pass
399.813	-41.10	-13.0	-28.10	Horizontal	Pass
749.982	-47.25	-13.0	-34.25	Horizontal	Pass
1250.000	-51.11	-13.0	-38.11	Horizontal	Pass
1701.000	-38.22	-13.0	-25.22	Horizontal	Pass
2457.000	-35.87	-13.0	-22.87	Horizontal	Pass
4000.000	-49.57	-13.0	-36.57	Horizontal	Pass
6872.500	-29.15	-13.0	-16.15	Horizontal	Pass
13743.750	-28.05	-13.0	-15.05	Horizontal	Pass



Band 2_QPSK_3.75kHz_1#47_High_V

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

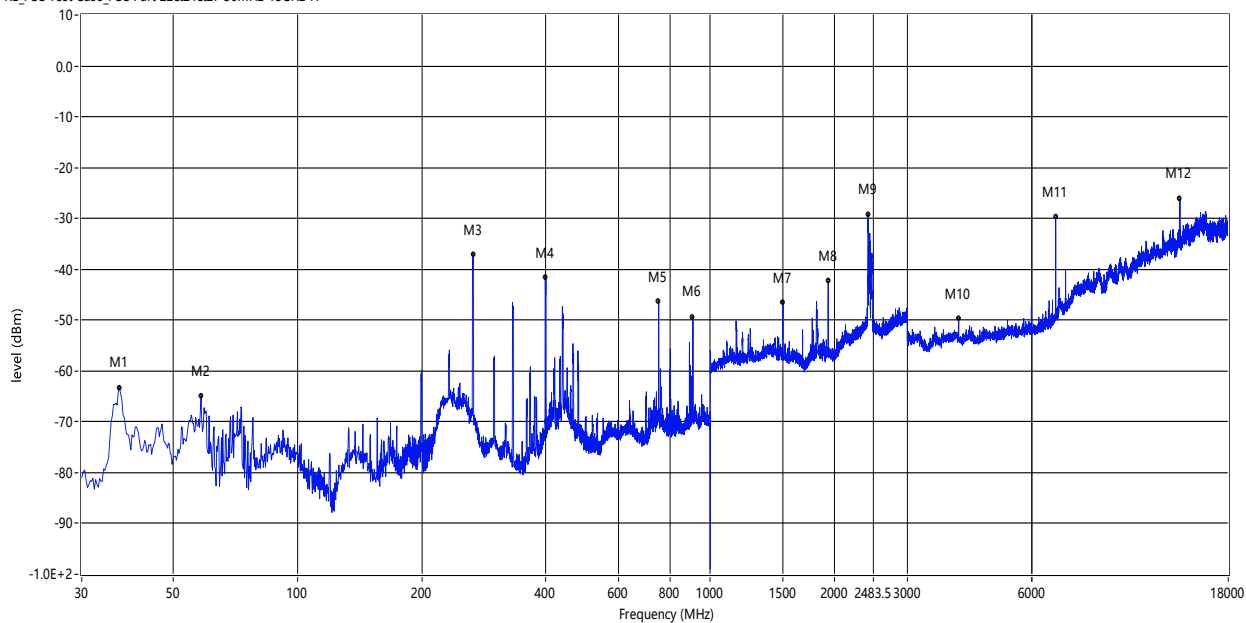


Frequency (MHz)	Result (dBm)	Limit (dBm)	Over Limit (dB)	ANT	Verdict
36.062	-51.32	-13.0	-38.32	Vertical	Pass
137.185	-69.69	-13.0	-56.69	Vertical	Pass
266.438	-46.13	-13.0	-33.13	Vertical	Pass
398.358	-49.53	-13.0	-36.53	Vertical	Pass
614.425	-58.57	-13.0	-45.57	Vertical	Pass
830.977	-50.49	-13.0	-37.49	Vertical	Pass
1158.000	-50.99	-13.0	-37.99	Vertical	Pass
1701.500	-38.62	-13.0	-25.62	Vertical	Pass
2461.500	-36.05	-13.0	-23.05	Vertical	Pass
4000.000	-49.51	-13.0	-36.51	Vertical	Pass
6872.500	-29.79	-13.0	-16.79	Vertical	Pass
13742.500	-28.70	-13.0	-15.70	Vertical	Pass



Band 2_BPSK_15kHz_1#0_Low_H

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

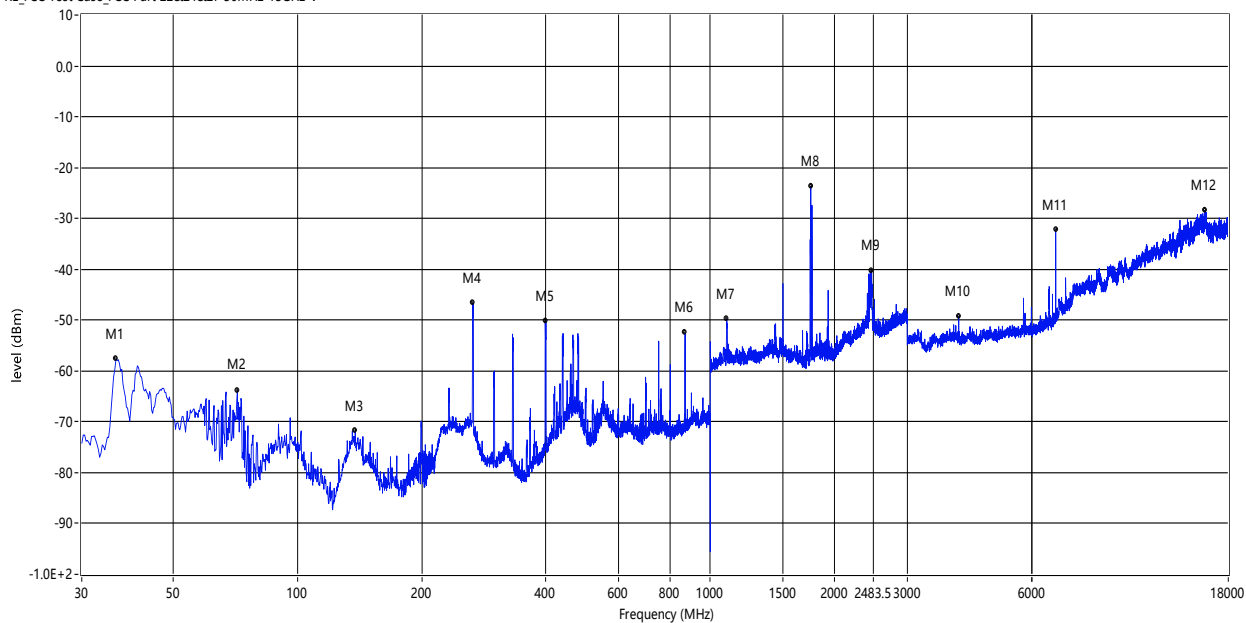


Frequency (MHz)	Result (dBm)	Limit (dBm)	Over Limit (dB)	ANT	Verdict
37.032	-63.33	-13.0	-50.33	Horizontal	Pass
58.373	-65.00	-13.0	-52.00	Horizontal	Pass
266.438	-37.13	-13.0	-24.13	Horizontal	Pass
398.358	-41.58	-13.0	-28.58	Horizontal	Pass
749.982	-46.45	-13.0	-33.45	Horizontal	Pass
907.850	-49.38	-13.0	-36.38	Horizontal	Pass
1500.500	-46.66	-13.0	-33.66	Horizontal	Pass
1930.500	-42.28	-13.0	-29.28	Horizontal	Pass
2412.000	-29.21	-13.0	-16.21	Horizontal	Pass
4000.000	-49.71	-13.0	-36.71	Horizontal	Pass
6872.500	-29.72	-13.0	-16.72	Horizontal	Pass
13745.000	-26.20	-13.0	-13.20	Horizontal	Pass



Band 2_BPSK_15kHz_1#0_Low_V

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

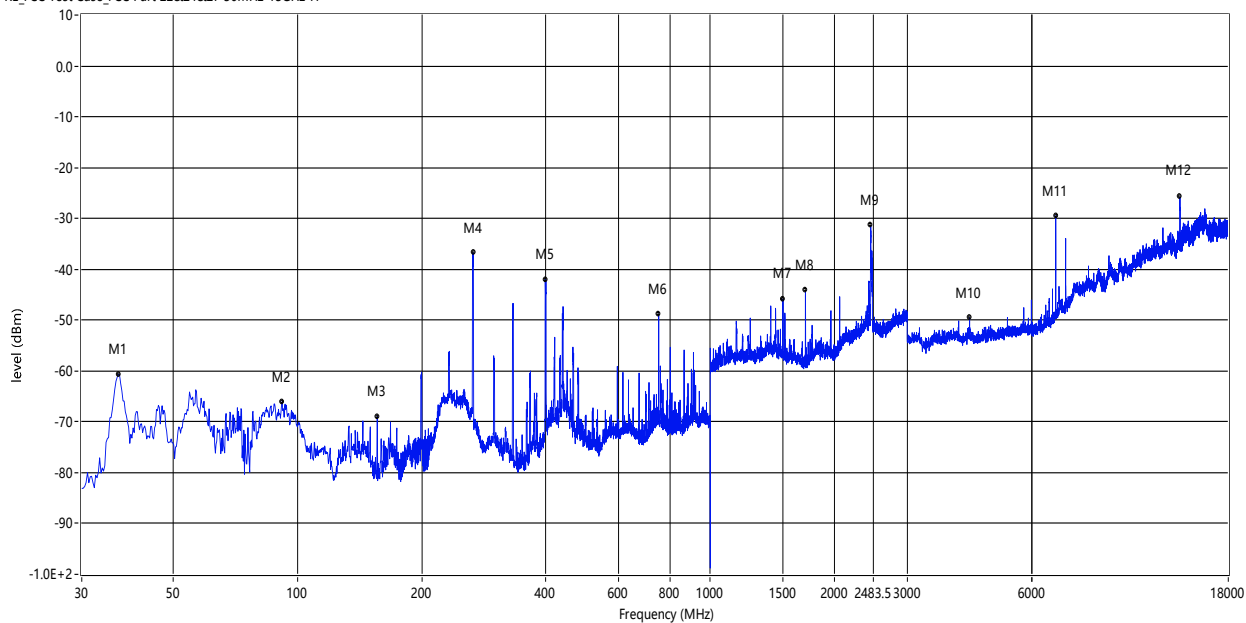


Frequency (MHz)	Result (dBm)	Limit (dBm)	Over Limit (dB)	ANT	Verdict
36.305	-57.64	-13.0	-44.64	Vertical	Pass
71.467	-63.78	-13.0	-50.78	Vertical	Pass
137.913	-71.78	-13.0	-58.78	Vertical	Pass
265.468	-46.59	-13.0	-33.59	Vertical	Pass
399.813	-50.23	-13.0	-37.23	Vertical	Pass
868.807	-52.52	-13.0	-39.52	Vertical	Pass
1097.000	-49.72	-13.0	-36.72	Vertical	Pass
1752.500	-23.66	-13.0	-10.66	Vertical	Pass
2461.000	-40.18	-13.0	-27.18	Vertical	Pass
4000.000	-49.30	-13.0	-36.30	Vertical	Pass
6872.500	-32.21	-13.0	-19.21	Vertical	Pass
15815.000	-28.38	-13.0	-15.38	Vertical	Pass



Band 2_BPSK_15kHz_1#0_Mid_H

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

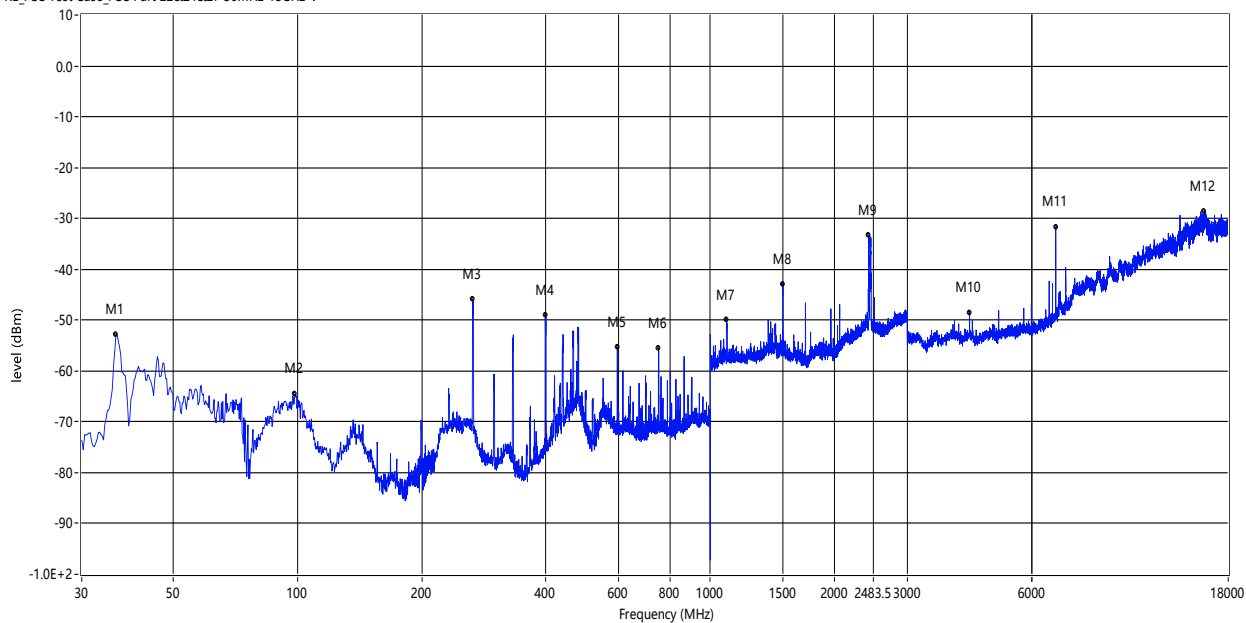


Frequency (MHz)	Result (dBm)	Limit (dBm)	Over Limit (dB)	ANT	Verdict
36.790	-60.65	-13.0	-47.65	Horizontal	Pass
91.595	-66.13	-13.0	-53.13	Horizontal	Pass
155.858	-69.01	-13.0	-56.01	Horizontal	Pass
266.438	-36.75	-13.0	-23.75	Horizontal	Pass
398.358	-41.99	-13.0	-28.99	Horizontal	Pass
749.982	-48.76	-13.0	-35.76	Horizontal	Pass
1500.500	-45.85	-13.0	-32.85	Horizontal	Pass
1701.000	-44.16	-13.0	-31.16	Horizontal	Pass
2449.000	-31.41	-13.0	-18.41	Horizontal	Pass
4250.000	-49.52	-13.0	-36.52	Horizontal	Pass
6875.000	-29.47	-13.0	-16.47	Horizontal	Pass
13747.500	-25.80	-13.0	-12.80	Horizontal	Pass



Band 2_BPSK_15kHz_1#0_Mid_V

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

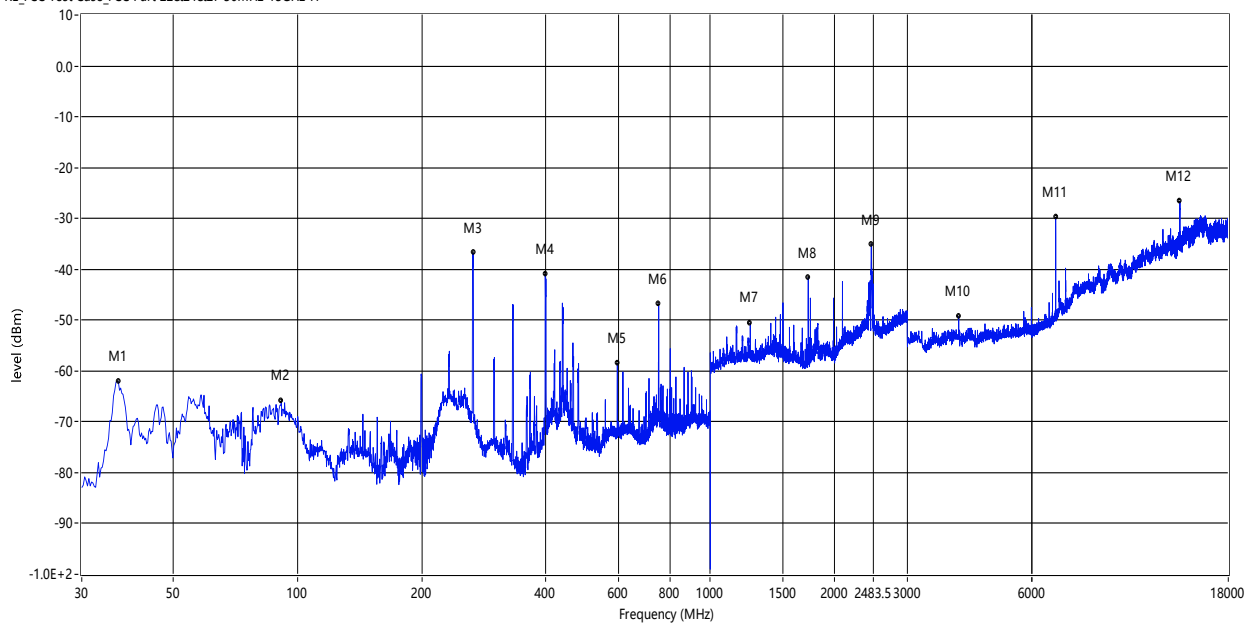


Frequency (MHz)	Result (dBm)	Limit (dBm)	Over Limit (dB)	ANT	Verdict
36.305	-52.78	-13.0	-39.78	Vertical	Pass
98.628	-64.62	-13.0	-51.62	Vertical	Pass
265.468	-45.90	-13.0	-32.90	Vertical	Pass
399.813	-49.09	-13.0	-36.09	Vertical	Pass
595.268	-55.30	-13.0	-42.30	Vertical	Pass
749.982	-55.52	-13.0	-42.52	Vertical	Pass
1096.500	-49.98	-13.0	-36.98	Vertical	Pass
1500.500	-42.93	-13.0	-29.93	Vertical	Pass
2422.500	-33.33	-13.0	-20.33	Vertical	Pass
4250.000	-48.53	-13.0	-35.53	Vertical	Pass
6875.000	-31.70	-13.0	-18.70	Vertical	Pass
15748.750	-28.70	-13.0	-15.70	Vertical	Pass



Band 2_BPSK_15kHz_1#0_High_H

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

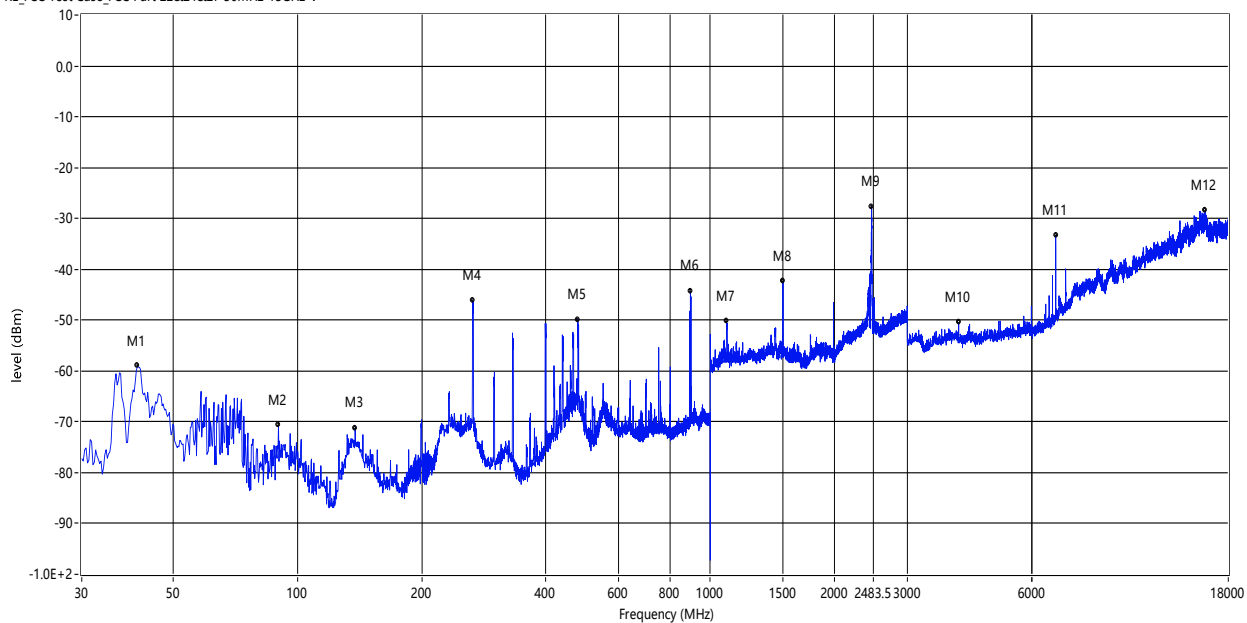


Frequency (MHz)	Result (dBm)	Limit (dBm)	Over Limit (dB)	ANT	Verdict
36.790	-62.11	-13.0	-49.11	Horizontal	Pass
91.353	-65.98	-13.0	-52.98	Horizontal	Pass
266.438	-36.80	-13.0	-23.80	Horizontal	Pass
398.358	-41.07	-13.0	-28.07	Horizontal	Pass
595.268	-58.52	-13.0	-45.52	Horizontal	Pass
749.982	-46.79	-13.0	-33.79	Horizontal	Pass
1250.000	-50.56	-13.0	-37.56	Horizontal	Pass
1727.500	-41.63	-13.0	-28.63	Horizontal	Pass
2455.500	-35.09	-13.0	-22.09	Horizontal	Pass
4000.000	-49.32	-13.0	-36.32	Horizontal	Pass
6872.500	-29.82	-13.0	-16.82	Horizontal	Pass
13745.000	-26.62	-13.0	-13.62	Horizontal	Pass



Band 2_BPSK_15kHz_1#0_High_V

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

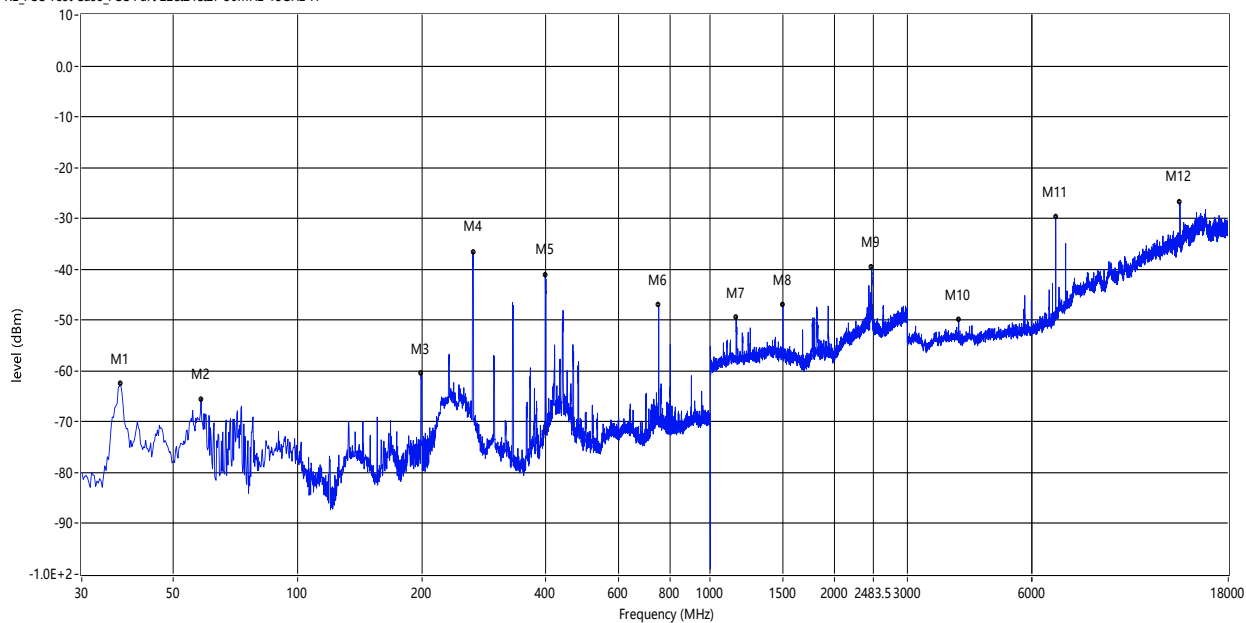


Frequency (MHz)	Result (dBm)	Limit (dBm)	Over Limit (dB)	ANT	Verdict
40.913	-59.02	-13.0	-46.02	Vertical	Pass
89.897	-70.67	-13.0	-57.67	Vertical	Pass
137.913	-71.19	-13.0	-58.19	Vertical	Pass
265.468	-46.06	-13.0	-33.06	Vertical	Pass
477.898	-49.86	-13.0	-36.86	Vertical	Pass
895.482	-44.25	-13.0	-31.25	Vertical	Pass
1095.000	-50.19	-13.0	-37.19	Vertical	Pass
1500.500	-42.35	-13.0	-29.35	Vertical	Pass
2460.500	-27.61	-13.0	-14.61	Vertical	Pass
4000.000	-50.45	-13.0	-37.45	Vertical	Pass
6872.500	-33.31	-13.0	-20.31	Vertical	Pass
15808.750	-28.49	-13.0	-15.49	Vertical	Pass



Band 2_BPSK_15kHz_1#11_Low_H

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

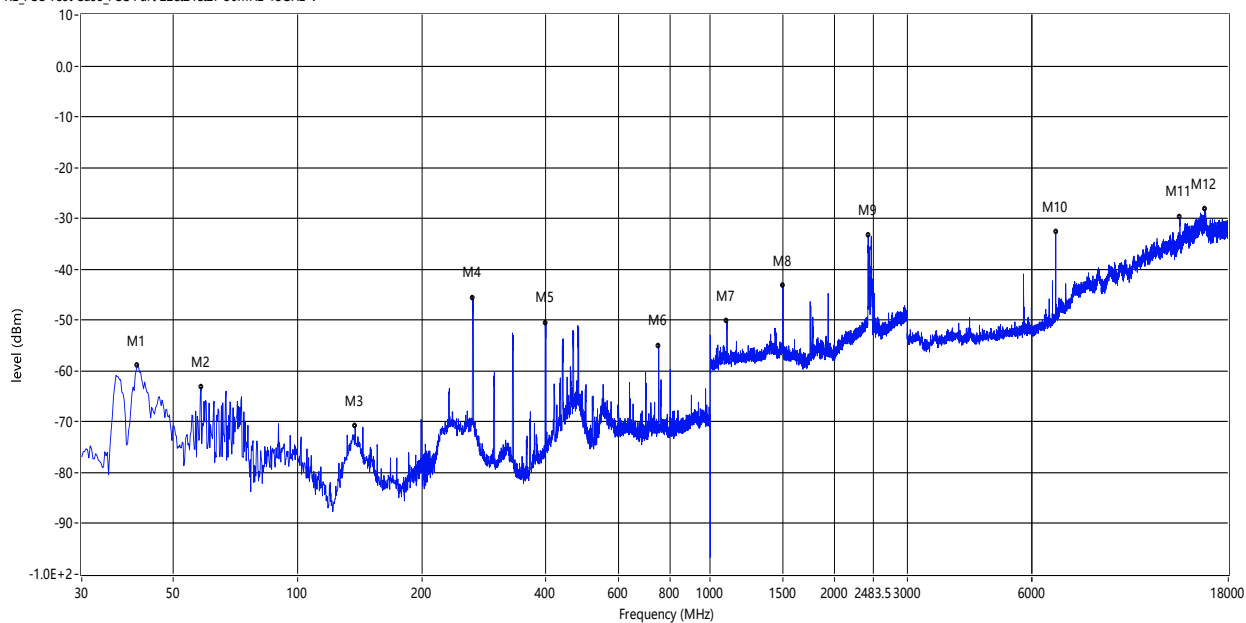


Frequency (MHz)	Result (dBm)	Limit (dBm)	Over Limit (dB)	ANT	Verdict
37.275	-62.62	-13.0	-49.62	Horizontal	Pass
58.373	-65.58	-13.0	-52.58	Horizontal	Pass
199.750	-60.49	-13.0	-47.49	Horizontal	Pass
266.438	-36.63	-13.0	-23.63	Horizontal	Pass
398.358	-41.08	-13.0	-28.08	Horizontal	Pass
749.982	-47.09	-13.0	-34.09	Horizontal	Pass
1155.000	-49.49	-13.0	-36.49	Horizontal	Pass
1500.500	-47.05	-13.0	-34.05	Horizontal	Pass
2462.500	-39.61	-13.0	-26.61	Horizontal	Pass
4000.000	-49.92	-13.0	-36.92	Horizontal	Pass
6872.500	-29.69	-13.0	-16.69	Horizontal	Pass
13747.500	-26.89	-13.0	-13.89	Horizontal	Pass



Band 2_BPSK_15kHz_1#11_Low_V

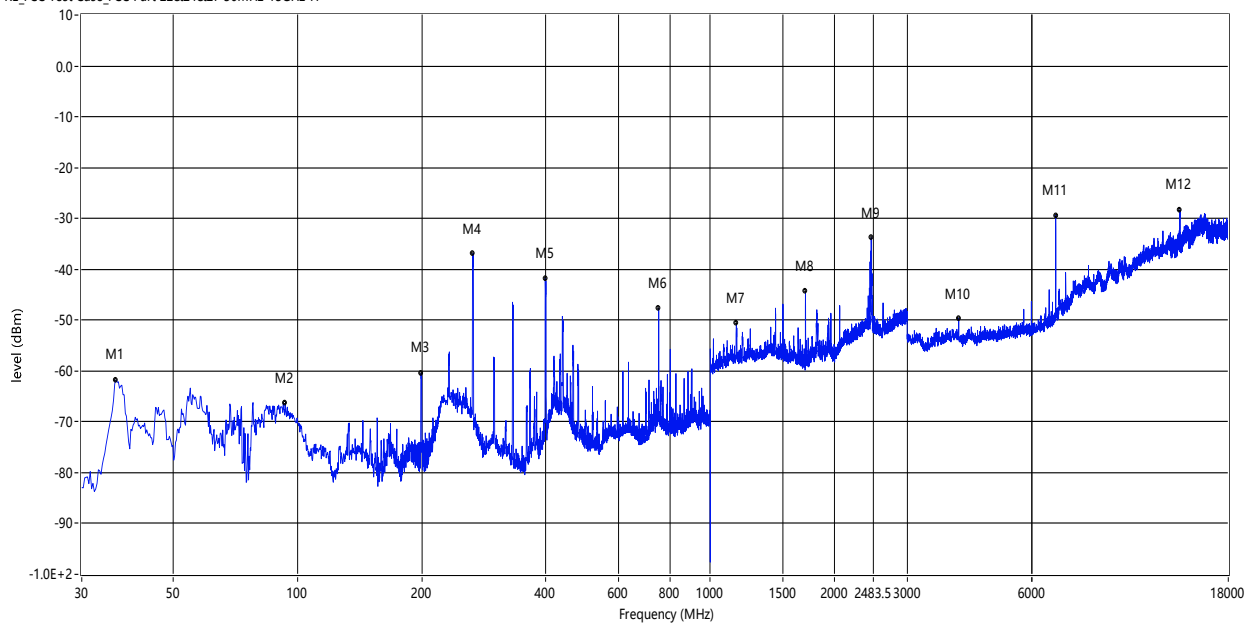
RE_FCC Test Case_FCC Part 22&24&27 30MHz-13GHz-V



Frequency (MHz)	Result (dBm)	Limit (dBm)	Over Limit (dB)	ANT	Verdict
40.913	-58.94	-13.0	-45.94	Vertical	Pass
58.373	-63.28	-13.0	-50.28	Vertical	Pass
137.913	-70.93	-13.0	-57.93	Vertical	Pass
265.468	-45.57	-13.0	-32.57	Vertical	Pass
398.358	-50.50	-13.0	-37.50	Vertical	Pass
749.982	-55.00	-13.0	-42.00	Vertical	Pass
1096.500	-50.12	-13.0	-37.12	Vertical	Pass
1500.500	-43.28	-13.0	-30.28	Vertical	Pass
2413.500	-33.35	-13.0	-20.35	Vertical	Pass
6872.500	-32.67	-13.0	-19.67	Vertical	Pass
13746.250	-29.78	-13.0	-16.78	Vertical	Pass
15802.500	-28.18	-13.0	-15.18	Vertical	Pass

Band 2_BPSK_15kHz_1#11_Mid_H

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

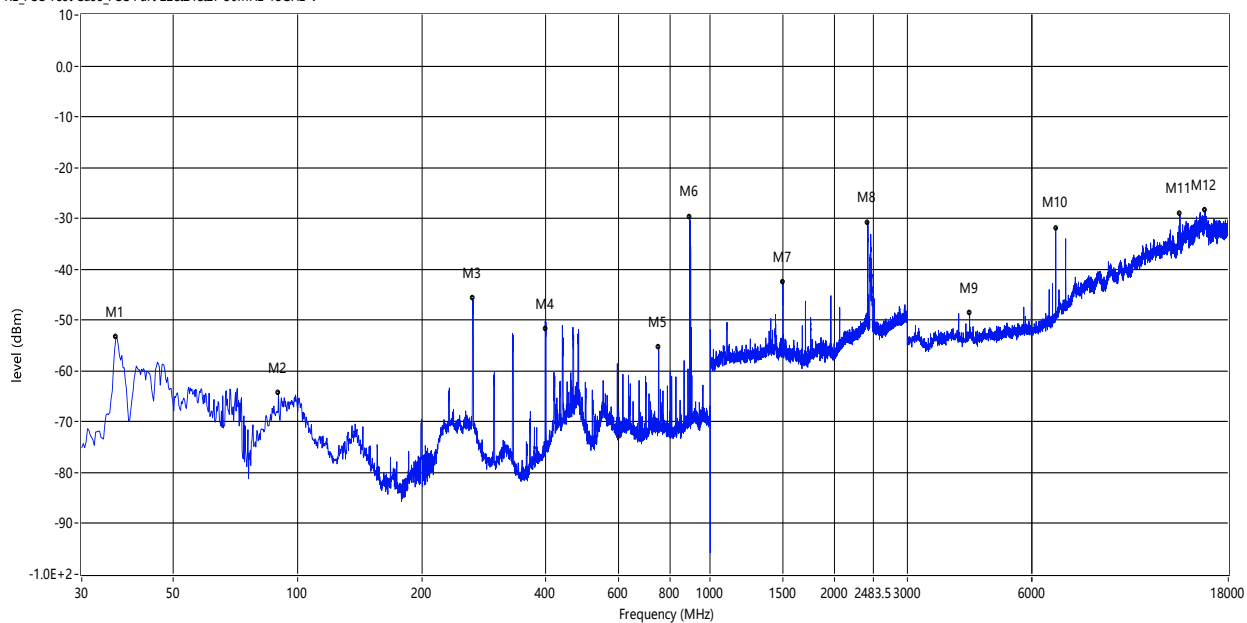


Frequency (MHz)	Result (dBm)	Limit (dBm)	Over Limit (dB)	ANT	Verdict
36.305	-61.75	-13.0	-48.75	Horizontal	Pass
93.293	-66.35	-13.0	-53.35	Horizontal	Pass
199.265	-60.39	-13.0	-47.39	Horizontal	Pass
265.468	-37.00	-13.0	-24.00	Horizontal	Pass
398.358	-41.80	-13.0	-28.80	Horizontal	Pass
749.982	-47.65	-13.0	-34.65	Horizontal	Pass
1156.500	-50.64	-13.0	-37.64	Horizontal	Pass
1701.500	-44.44	-13.0	-31.44	Horizontal	Pass
2454.500	-33.78	-13.0	-20.78	Horizontal	Pass
4000.000	-49.67	-13.0	-36.67	Horizontal	Pass
6872.500	-29.41	-13.0	-16.41	Horizontal	Pass
13743.750	-28.42	-13.0	-15.42	Horizontal	Pass



Band 2_BPSK_15kHz_1#11_Mid_V

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

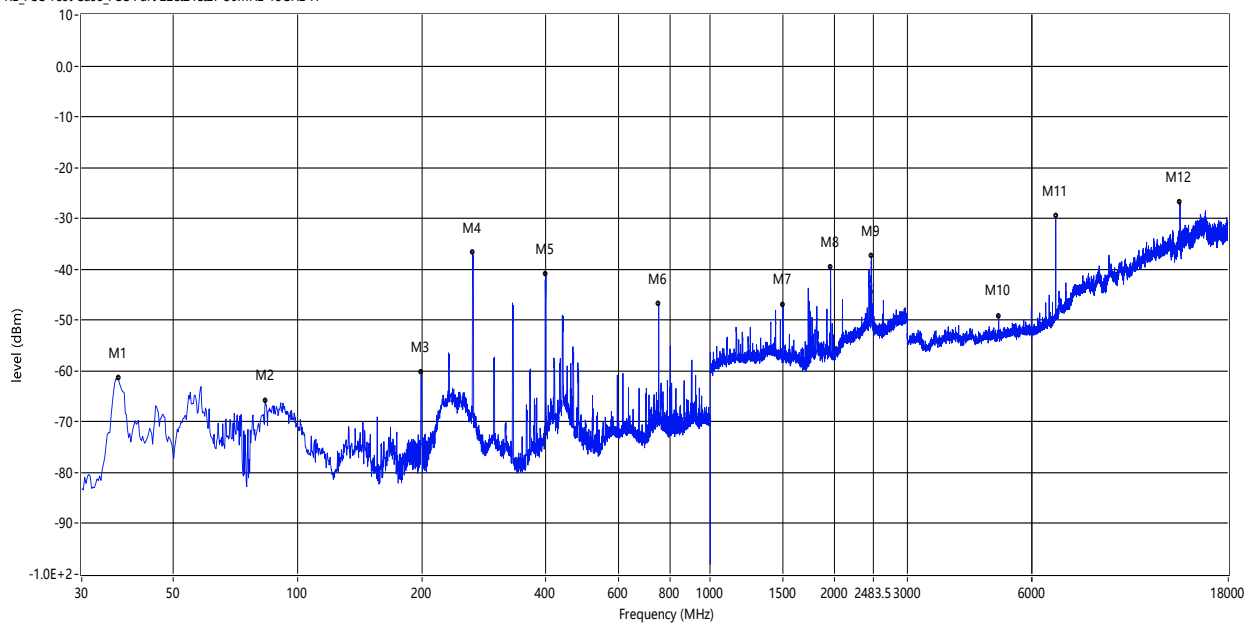


Frequency (MHz)	Result (dBm)	Limit (dBm)	Over Limit (dB)	ANT	Verdict
36.305	-53.35	-13.0	-40.35	Vertical	Pass
89.897	-64.37	-13.0	-51.37	Vertical	Pass
265.468	-45.71	-13.0	-32.71	Vertical	Pass
400.055	-51.70	-13.0	-38.70	Vertical	Pass
749.982	-55.42	-13.0	-42.42	Vertical	Pass
892.088	-29.65	-13.0	-16.65	Vertical	Pass
1500.500	-42.54	-13.0	-29.54	Vertical	Pass
2410.500	-30.76	-13.0	-17.76	Vertical	Pass
4250.000	-48.60	-13.0	-35.60	Vertical	Pass
6872.500	-31.92	-13.0	-18.92	Vertical	Pass
13747.500	-29.16	-13.0	-16.16	Vertical	Pass
15838.750	-28.34	-13.0	-15.34	Vertical	Pass



Band 2_BPSK_15kHz_1#11_High_H

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

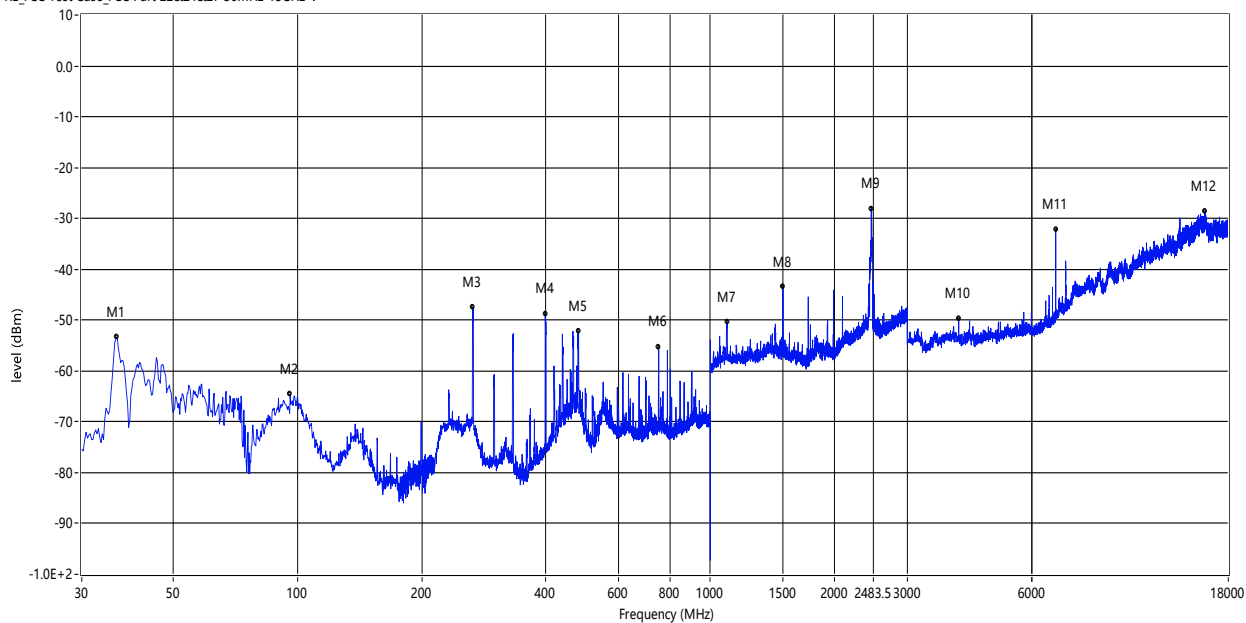


Frequency (MHz)	Result (dBm)	Limit (dBm)	Over Limit (dB)	ANT	Verdict
36.790	-61.40	-13.0	-48.40	Horizontal	Pass
83.592	-65.78	-13.0	-52.78	Horizontal	Pass
199.750	-60.37	-13.0	-47.37	Horizontal	Pass
265.468	-36.78	-13.0	-23.78	Horizontal	Pass
399.813	-41.05	-13.0	-28.05	Horizontal	Pass
749.982	-46.85	-13.0	-33.85	Horizontal	Pass
1500.500	-46.97	-13.0	-33.97	Horizontal	Pass
1957.000	-39.63	-13.0	-26.63	Horizontal	Pass
2457.000	-37.42	-13.0	-24.42	Horizontal	Pass
5000.000	-49.21	-13.0	-36.21	Horizontal	Pass
6875.000	-29.60	-13.0	-16.60	Horizontal	Pass
13750.000	-26.74	-13.0	-13.74	Horizontal	Pass



Band 2_BPSK_15kHz_1#11_High_V

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

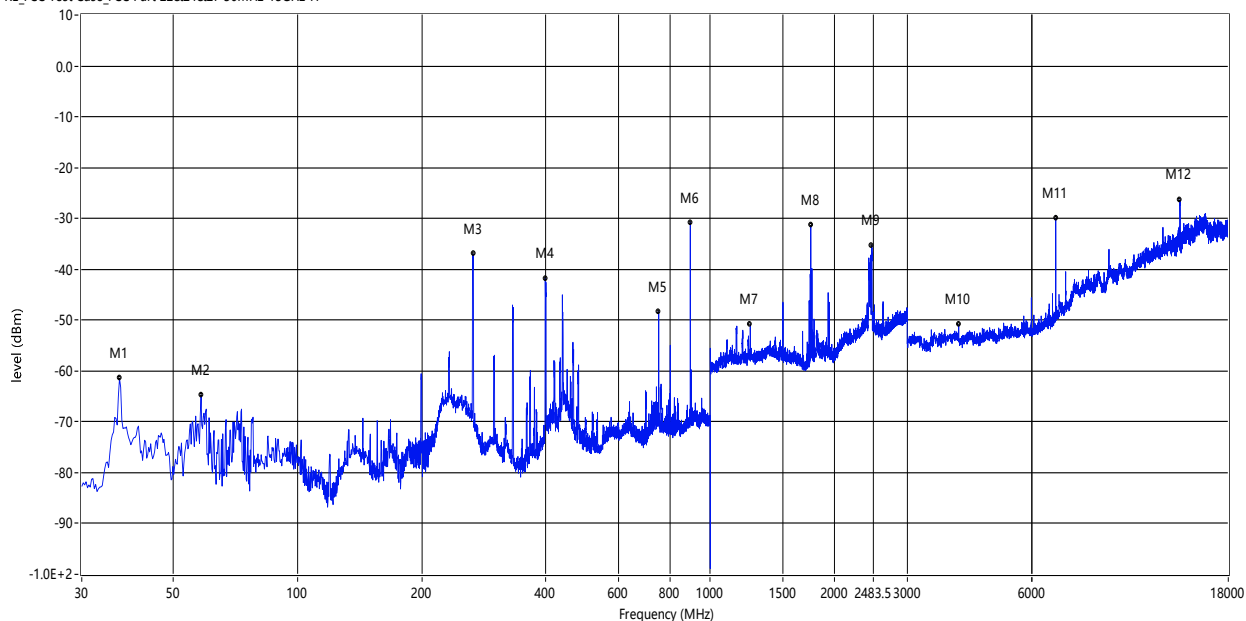


Frequency (MHz)	Result (dBm)	Limit (dBm)	Over Limit (dB)	ANT	Verdict
36.547	-53.37	-13.0	-40.37	Vertical	Pass
95.960	-64.62	-13.0	-51.62	Vertical	Pass
265.468	-47.49	-13.0	-34.49	Vertical	Pass
398.358	-48.76	-13.0	-35.76	Vertical	Pass
479.838	-52.25	-13.0	-39.25	Vertical	Pass
749.982	-55.25	-13.0	-42.25	Vertical	Pass
1098.000	-50.34	-13.0	-37.34	Vertical	Pass
1500.000	-43.43	-13.0	-30.43	Vertical	Pass
2455.500	-28.08	-13.0	-15.08	Vertical	Pass
4000.000	-49.66	-13.0	-36.66	Vertical	Pass
6872.500	-32.09	-13.0	-19.09	Vertical	Pass
15815.000	-28.69	-13.0	-15.69	Vertical	Pass



Band 2_QPSK_15kHz_12#0_Low_H

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

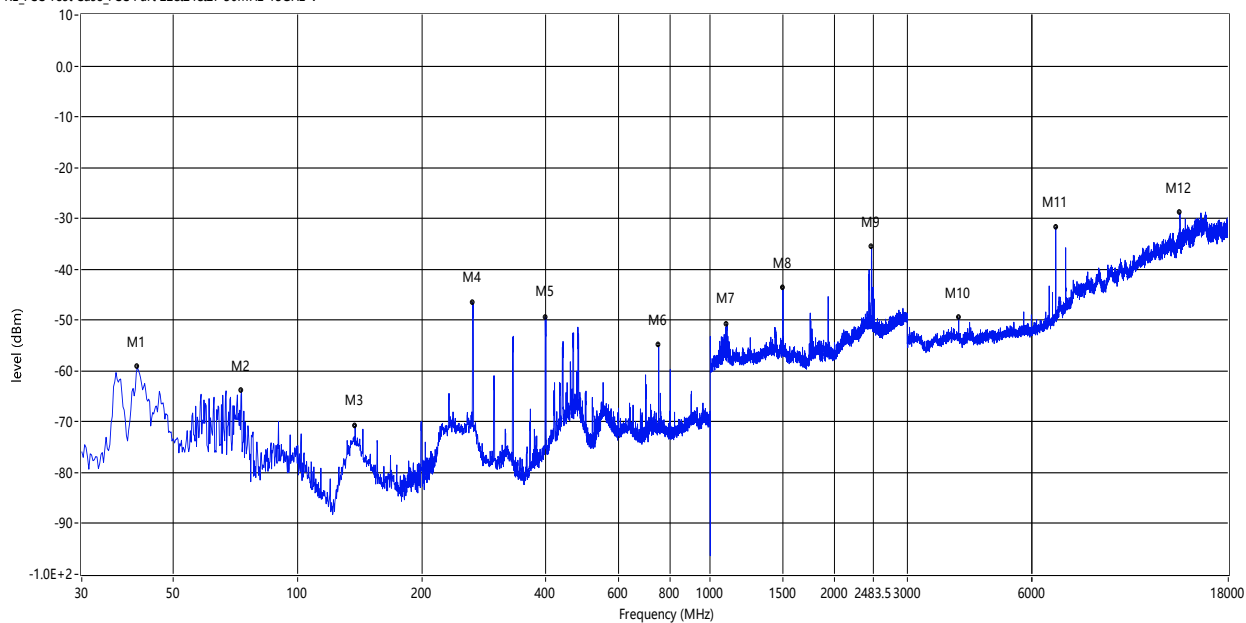


Frequency (MHz)	Result (dBm)	Limit (dBm)	Over Limit (dB)	ANT	Verdict
37.032	-61.46	-13.0	-48.46	Horizontal	Pass
58.373	-64.73	-13.0	-51.73	Horizontal	Pass
266.438	-37.00	-13.0	-24.00	Horizontal	Pass
398.358	-41.76	-13.0	-28.76	Horizontal	Pass
749.982	-48.32	-13.0	-35.32	Horizontal	Pass
894.755	-30.81	-13.0	-17.81	Horizontal	Pass
1250.500	-50.90	-13.0	-37.90	Horizontal	Pass
1752.500	-31.36	-13.0	-18.36	Horizontal	Pass
2460.500	-35.26	-13.0	-22.26	Horizontal	Pass
4000.000	-50.90	-13.0	-37.90	Horizontal	Pass
6872.500	-30.06	-13.0	-17.06	Horizontal	Pass
13745.000	-26.37	-13.0	-13.37	Horizontal	Pass



Band 2_QPSK_15kHz_12#0_Low_V

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

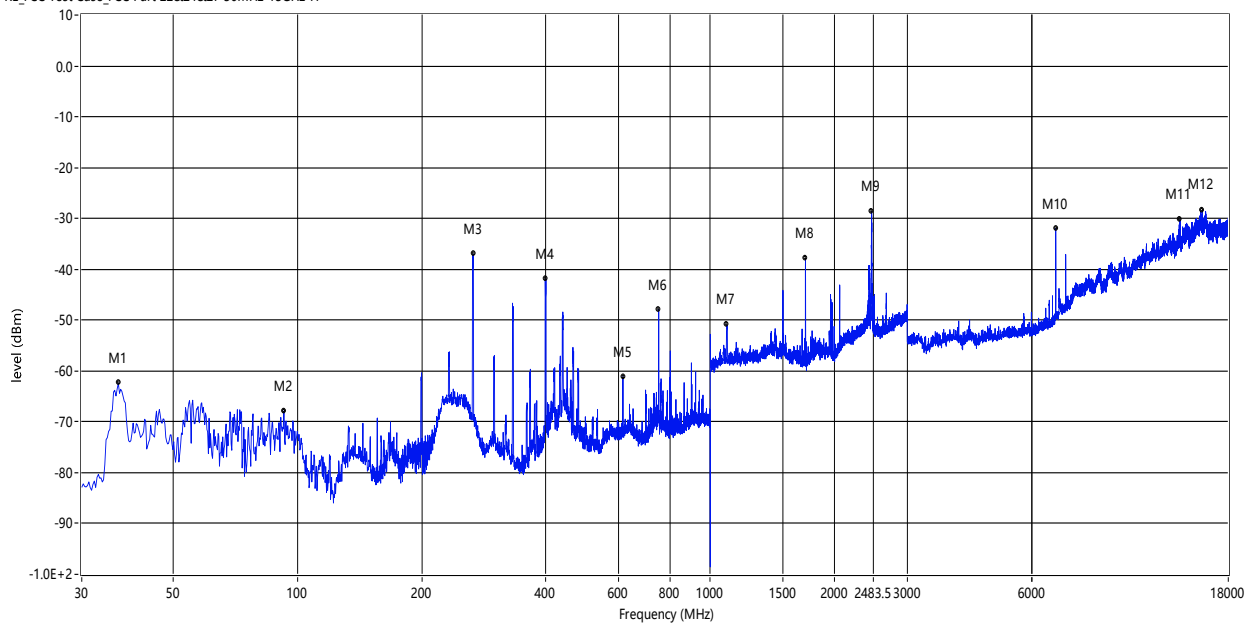


Frequency (MHz)	Result (dBm)	Limit (dBm)	Over Limit (dB)	ANT	Verdict
40.913	-59.19	-13.0	-46.19	Vertical	Pass
73.165	-63.85	-13.0	-50.85	Vertical	Pass
137.913	-70.74	-13.0	-57.74	Vertical	Pass
265.468	-46.51	-13.0	-33.51	Vertical	Pass
399.813	-49.38	-13.0	-36.38	Vertical	Pass
749.982	-54.94	-13.0	-41.94	Vertical	Pass
1097.000	-50.75	-13.0	-37.75	Vertical	Pass
1500.500	-43.76	-13.0	-30.76	Vertical	Pass
2461.000	-35.68	-13.0	-22.68	Vertical	Pass
4000.000	-49.57	-13.0	-36.57	Vertical	Pass
6875.000	-31.79	-13.0	-18.79	Vertical	Pass
13746.250	-28.91	-13.0	-15.91	Vertical	Pass



Band 2_QPSK_15kHz_12#0_Mid_H

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

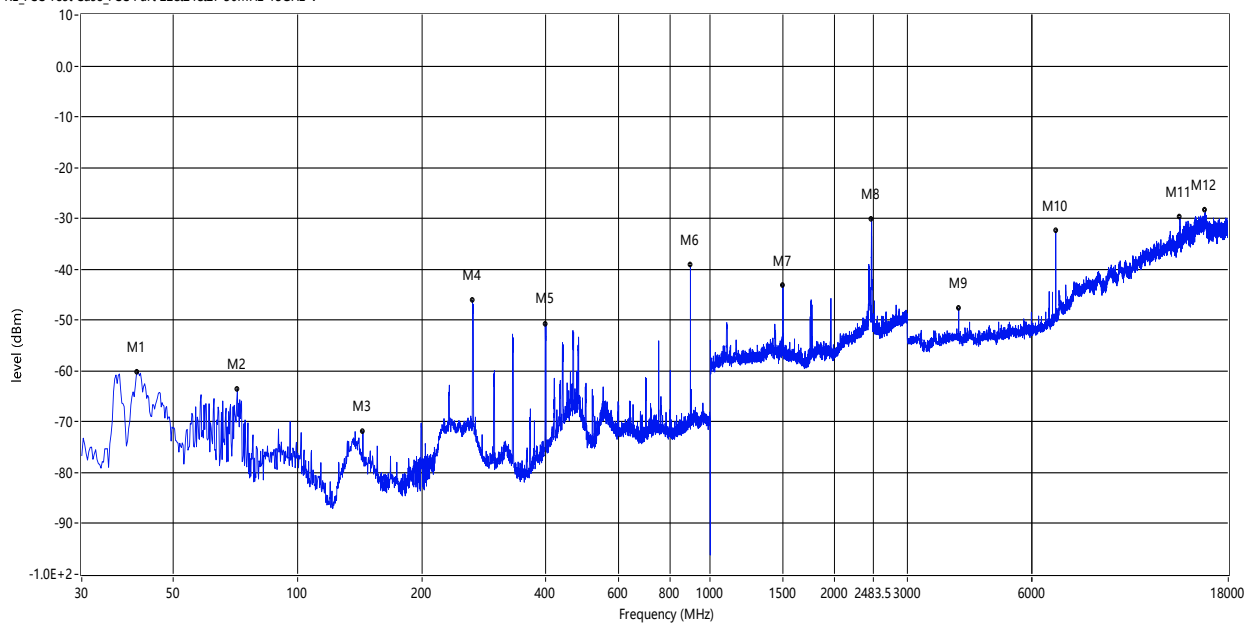


Frequency (MHz)	Result (dBm)	Limit (dBm)	Over Limit (dB)	ANT	Verdict
36.790	-62.39	-13.0	-49.39	Horizontal	Pass
92.565	-67.85	-13.0	-54.85	Horizontal	Pass
266.438	-37.03	-13.0	-24.03	Horizontal	Pass
399.813	-41.95	-13.0	-28.95	Horizontal	Pass
614.425	-61.12	-13.0	-48.12	Horizontal	Pass
749.982	-47.89	-13.0	-34.89	Horizontal	Pass
1097.000	-50.95	-13.0	-37.95	Horizontal	Pass
1701.000	-37.87	-13.0	-24.87	Horizontal	Pass
2460.500	-28.56	-13.0	-15.56	Horizontal	Pass
6872.500	-31.95	-13.0	-18.95	Horizontal	Pass
13747.500	-30.27	-13.0	-17.27	Horizontal	Pass
15543.750	-28.41	-13.0	-15.41	Horizontal	Pass



Band 2_QPSK_15kHz_12#0_Mid_V

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

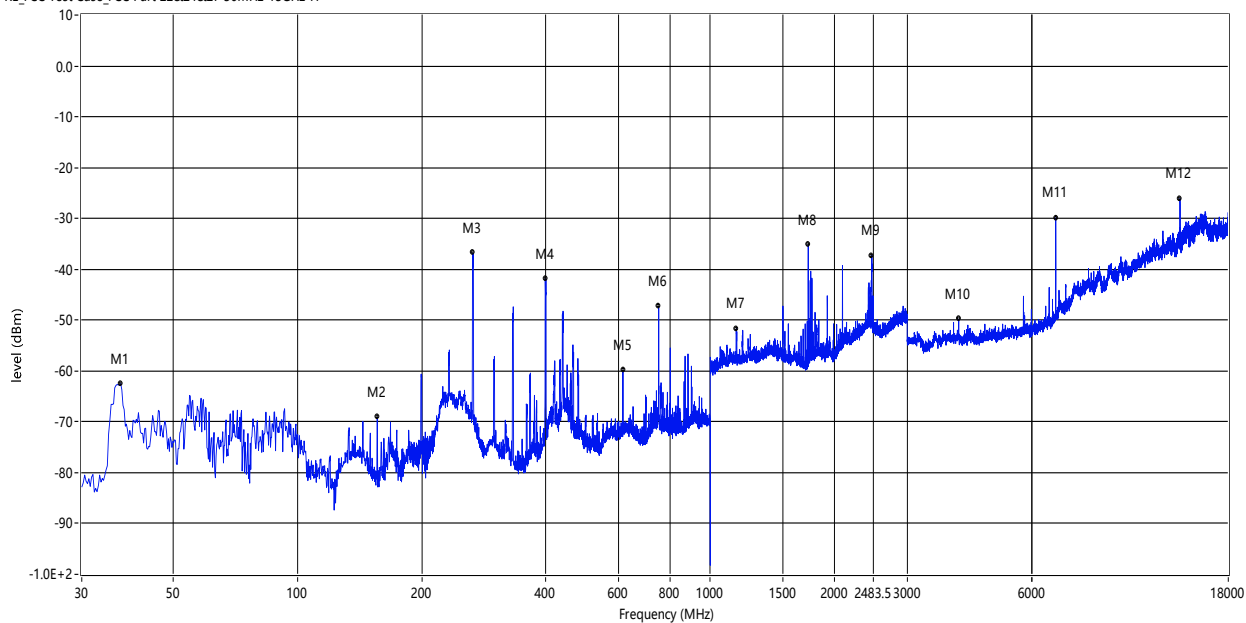


Frequency (MHz)	Result (dBm)	Limit (dBm)	Over Limit (dB)	ANT	Verdict
40.913	-60.26	-13.0	-47.26	Vertical	Pass
71.467	-63.60	-13.0	-50.60	Vertical	Pass
143.975	-71.87	-13.0	-58.87	Vertical	Pass
265.468	-46.16	-13.0	-33.16	Vertical	Pass
399.813	-50.75	-13.0	-37.75	Vertical	Pass
895.482	-39.24	-13.0	-26.24	Vertical	Pass
1500.500	-43.18	-13.0	-30.18	Vertical	Pass
2461.000	-30.17	-13.0	-17.17	Vertical	Pass
4000.000	-47.74	-13.0	-34.74	Vertical	Pass
6875.000	-32.47	-13.0	-19.47	Vertical	Pass
13748.750	-29.82	-13.0	-16.82	Vertical	Pass
15836.250	-28.48	-13.0	-15.48	Vertical	Pass



Band 2_QPSK_15kHz_12#0_High_H

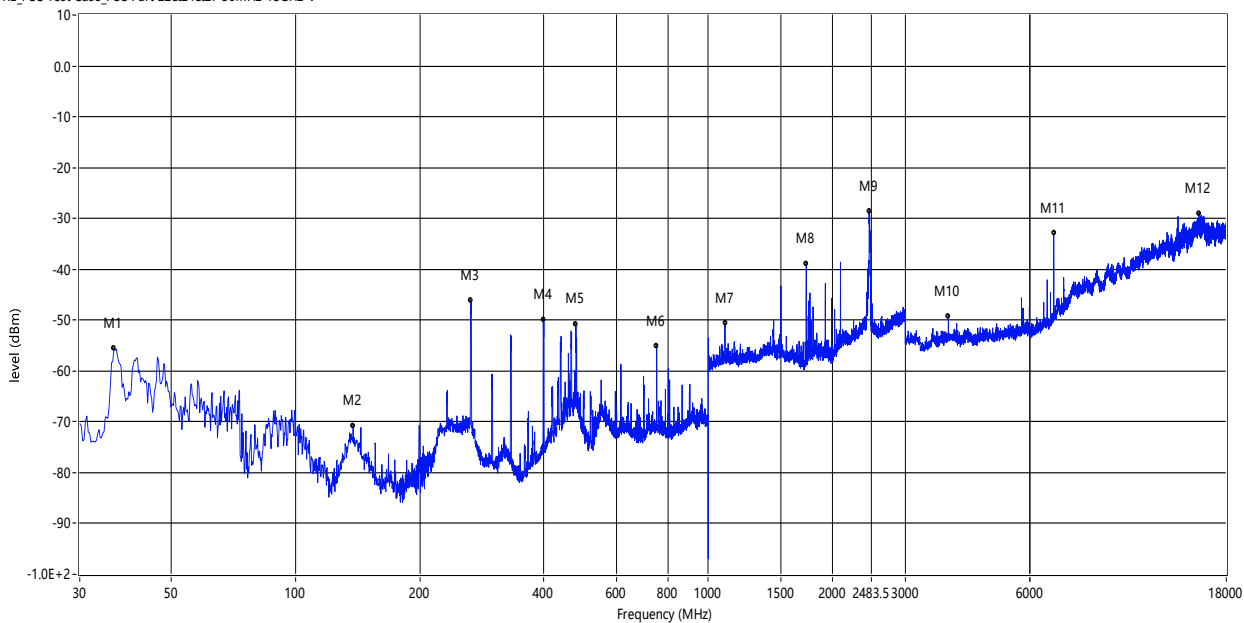
RE_FCC Test Case_FCC Part 22&24&27 30MHz-13GHz-H



Frequency (MHz)	Result (dBm)	Limit (dBm)	Over Limit (dB)	ANT	Verdict
37.275	-62.48	-13.0	-49.48	Horizontal	Pass
155.858	-69.06	-13.0	-56.06	Horizontal	Pass
265.468	-36.78	-13.0	-23.78	Horizontal	Pass
398.358	-41.90	-13.0	-28.90	Horizontal	Pass
614.425	-59.83	-13.0	-46.83	Horizontal	Pass
749.982	-47.26	-13.0	-34.26	Horizontal	Pass
1157.500	-51.64	-13.0	-38.64	Horizontal	Pass
1727.500	-35.09	-13.0	-22.09	Horizontal	Pass
2464.000	-37.29	-13.0	-24.29	Horizontal	Pass
4000.000	-49.80	-13.0	-36.80	Horizontal	Pass
6875.000	-29.88	-13.0	-16.88	Horizontal	Pass
13748.750	-26.07	-13.0	-13.07	Horizontal	Pass

Band 2_QPSK_15kHz_12#0_High_V

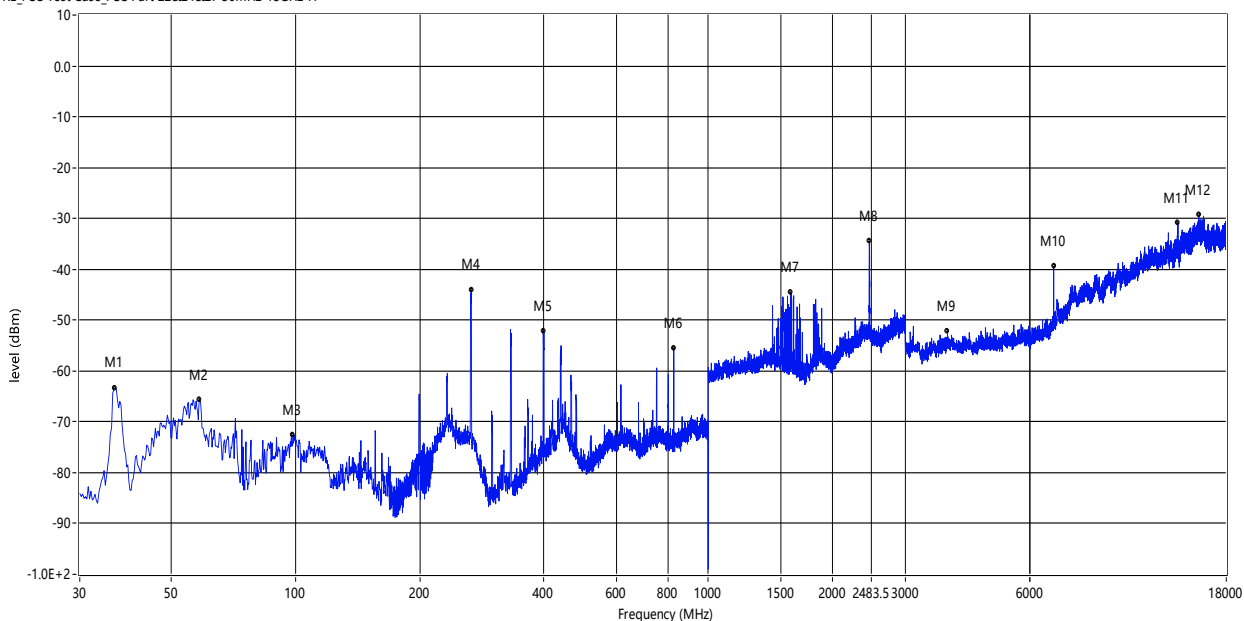
RE_FCC Test Case_FCC Part 22&24&27 30MHz-13GHz-V



Frequency (MHz)	Result (dBm)	Limit (dBm)	Over Limit (dB)	ANT	Verdict
36.305	-55.59	-13.0	-42.59	Vertical	Pass
137.913	-70.71	-13.0	-57.71	Vertical	Pass
265.468	-46.15	-13.0	-33.15	Vertical	Pass
398.358	-49.83	-13.0	-36.83	Vertical	Pass
477.898	-50.76	-13.0	-37.76	Vertical	Pass
749.982	-55.06	-13.0	-42.06	Vertical	Pass
1100.000	-50.70	-13.0	-37.70	Vertical	Pass
1727.500	-38.88	-13.0	-25.88	Vertical	Pass
2455.500	-28.62	-13.0	-15.62	Vertical	Pass
3817.500	-49.37	-13.0	-36.37	Vertical	Pass
6875.000	-32.97	-13.0	-19.97	Vertical	Pass
15443.750	-29.09	-13.0	-16.09	Vertical	Pass

Band 4_QPSK_3.75kHz_1#0_Low_H

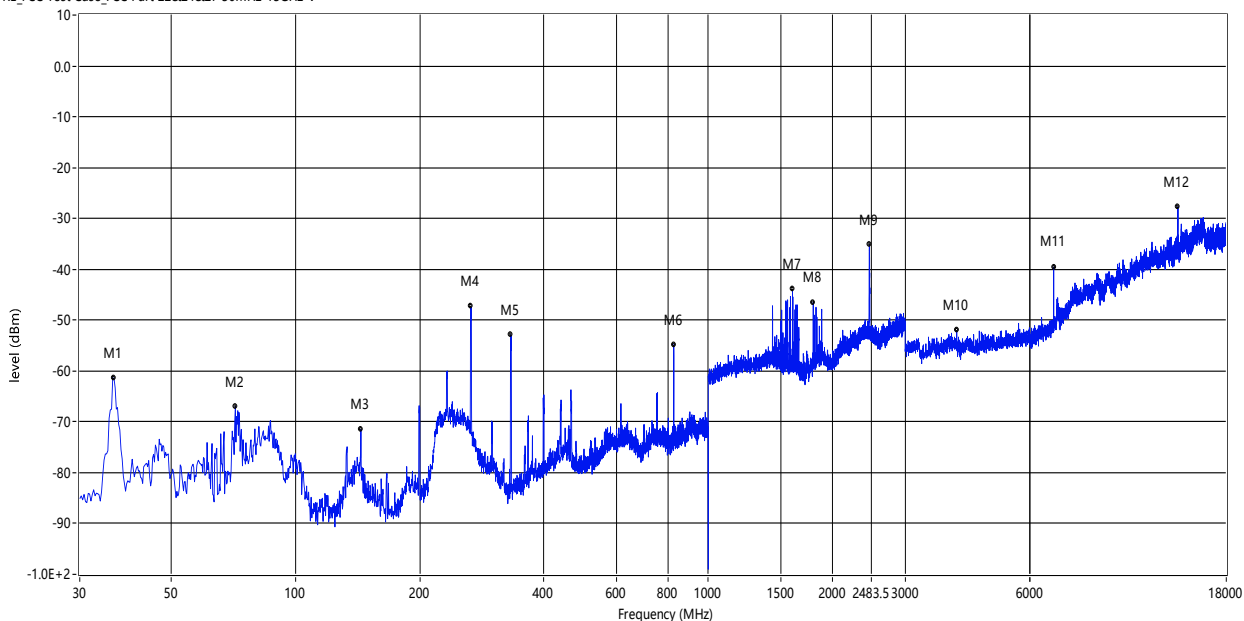
RE_FCC Test Case_FCC Part 22&24&27 30MHz-13GHz-H



Frequency (MHz)	Result (dBm)	Limit (dBm)	Over Limit (dB)	ANT	Verdict
36.547	-63.34	-13.0	-50.34	Horizontal	Pass
58.615	-65.61	-13.0	-52.61	Horizontal	Pass
98.628	-72.51	-13.0	-59.51	Horizontal	Pass
266.438	-44.03	-13.0	-31.03	Horizontal	Pass
398.358	-52.18	-13.0	-39.18	Horizontal	Pass
824.915	-55.45	-13.0	-42.45	Horizontal	Pass
1582.000	-44.54	-13.0	-31.54	Horizontal	Pass
2456.500	-34.44	-13.0	-21.44	Horizontal	Pass
3800.000	-52.23	-13.0	-39.23	Horizontal	Pass
6872.500	-39.41	-13.0	-26.41	Horizontal	Pass
13743.750	-30.84	-13.0	-17.84	Horizontal	Pass
15433.750	-29.34	-13.0	-16.34	Horizontal	Pass

Band 4_QPSK_3.75kHz_1#0_Low_V

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

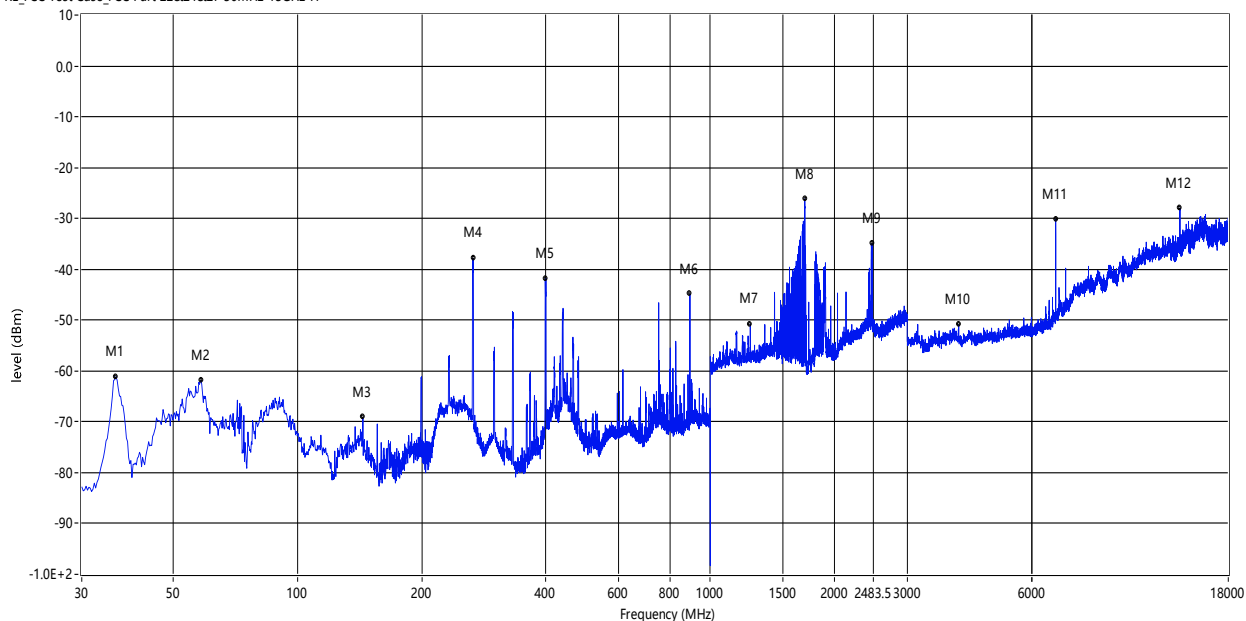


Frequency (MHz)	Result (dBm)	Limit (dBm)	Over Limit (dB)	ANT	Verdict
36.305	-61.44	-13.0	-48.44	Vertical	Pass
71.467	-66.99	-13.0	-53.99	Vertical	Pass
143.975	-71.49	-13.0	-58.49	Vertical	Pass
265.468	-47.35	-13.0	-34.35	Vertical	Pass
331.913	-52.89	-13.0	-39.89	Vertical	Pass
824.915	-54.84	-13.0	-41.84	Vertical	Pass
1599.500	-43.90	-13.0	-30.90	Vertical	Pass
1796.000	-46.46	-13.0	-33.46	Vertical	Pass
2457.000	-35.06	-13.0	-22.06	Vertical	Pass
4000.000	-52.05	-13.0	-39.05	Vertical	Pass
6872.500	-39.54	-13.0	-26.54	Vertical	Pass
13745.000	-27.69	-13.0	-14.69	Vertical	Pass



Band 4_QPSK_3.75kHz_1#0_Mid_H

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

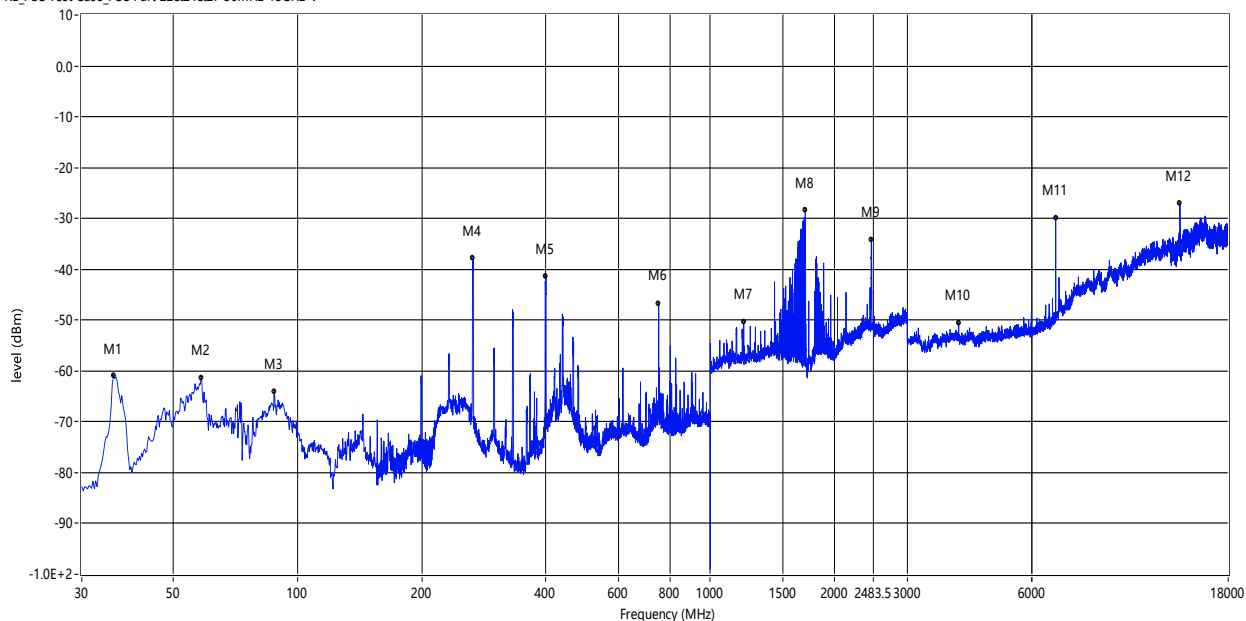


Frequency (MHz)	Result (dBm)	Limit (dBm)	Over Limit (dB)	ANT	Verdict
36.305	-61.11	-13.0	-48.11	Horizontal	Pass
58.373	-61.84	-13.0	-48.84	Horizontal	Pass
143.975	-69.12	-13.0	-56.12	Horizontal	Pass
266.438	-37.87	-13.0	-24.87	Horizontal	Pass
399.813	-41.77	-13.0	-28.77	Horizontal	Pass
892.815	-44.83	-13.0	-31.83	Horizontal	Pass
1250.000	-50.76	-13.0	-37.76	Horizontal	Pass
1695.000	-26.15	-13.0	-13.15	Horizontal	Pass
2468.500	-34.99	-13.0	-21.99	Horizontal	Pass
4000.000	-50.89	-13.0	-37.89	Horizontal	Pass
6872.500	-30.16	-13.0	-17.16	Horizontal	Pass
13743.750	-27.98	-13.0	-14.98	Horizontal	Pass



Band 4_QPSK_3.75kHz_1#0_Mid_V

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

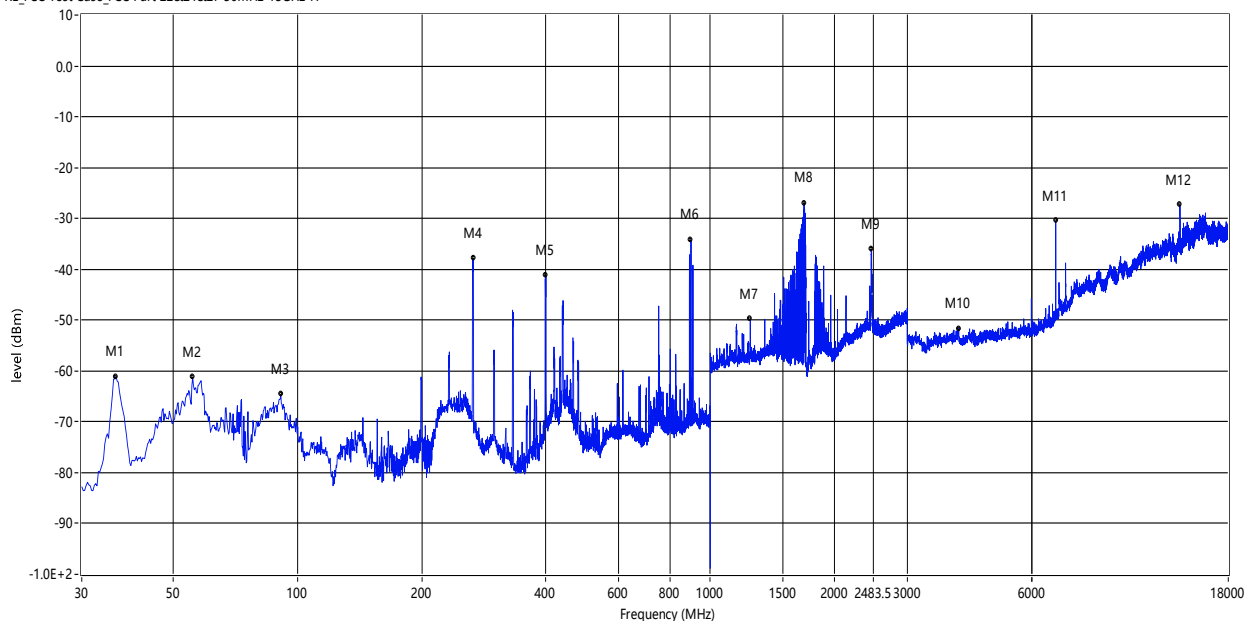


Frequency (MHz)	Result (dBm)	Limit (dBm)	Over Limit (dB)	ANT	Verdict
35.820	-60.90	-13.0	-47.90	Vertical	Pass
58.373	-61.34	-13.0	-48.34	Vertical	Pass
87.957	-64.16	-13.0	-51.16	Vertical	Pass
265.468	-37.79	-13.0	-24.79	Vertical	Pass
399.813	-41.51	-13.0	-28.51	Vertical	Pass
749.982	-46.85	-13.0	-33.85	Vertical	Pass
1205.500	-50.36	-13.0	-37.36	Vertical	Pass
1699.000	-28.42	-13.0	-15.42	Vertical	Pass
2456.000	-34.20	-13.0	-21.20	Vertical	Pass
4000.000	-50.57	-13.0	-37.57	Vertical	Pass
6872.500	-29.92	-13.0	-16.92	Vertical	Pass
13747.500	-27.14	-13.0	-14.14	Vertical	Pass



Band 4_QPSK_3.75kHz_1#0_High_H

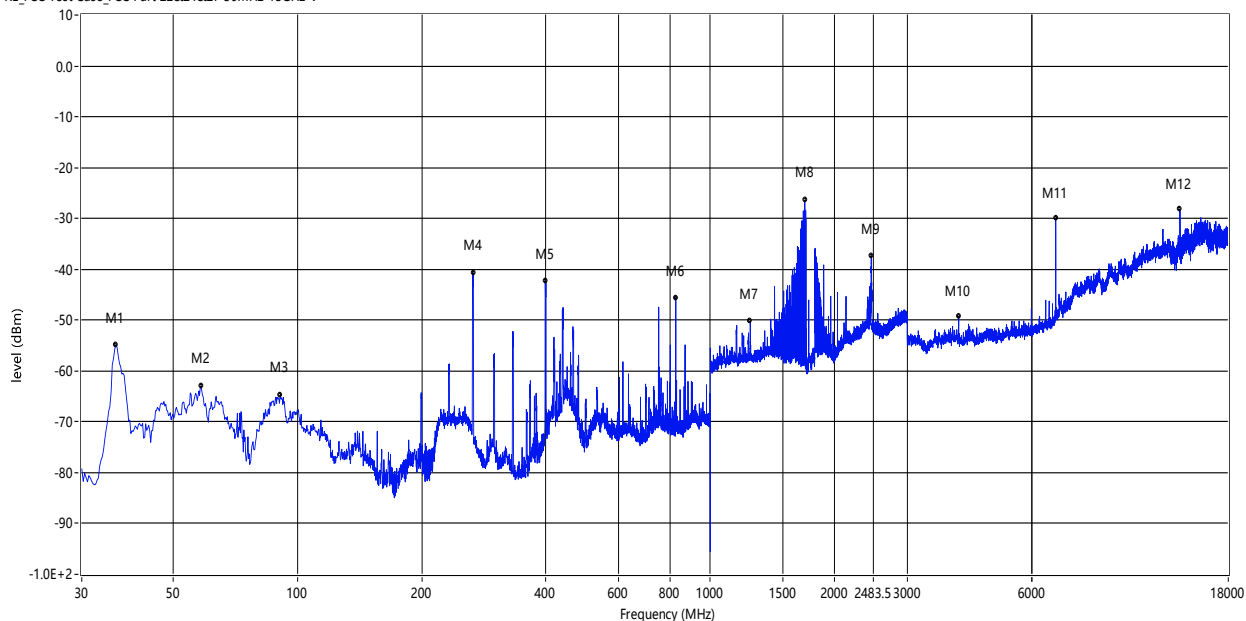
RE_FCC Test Case_FCC Part 22&24&27 30MHz-13GHz-H



Frequency (MHz)	Result (dBm)	Limit (dBm)	Over Limit (dB)	ANT	Verdict
36.305	-61.08	-13.0	-48.08	Horizontal	Pass
55.705	-61.27	-13.0	-48.27	Horizontal	Pass
91.110	-64.56	-13.0	-51.56	Horizontal	Pass
266.438	-37.82	-13.0	-24.82	Horizontal	Pass
399.813	-41.26	-13.0	-28.26	Horizontal	Pass
898.150	-34.17	-13.0	-21.17	Horizontal	Pass
1250.000	-49.74	-13.0	-36.74	Horizontal	Pass
1687.500	-26.95	-13.0	-13.95	Horizontal	Pass
2457.500	-36.09	-13.0	-23.09	Horizontal	Pass
4000.000	-51.64	-13.0	-38.64	Horizontal	Pass
6872.500	-30.49	-13.0	-17.49	Horizontal	Pass
13746.250	-27.34	-13.0	-14.34	Horizontal	Pass

Band 4_QPSK_3.75kHz_1#0_High_V

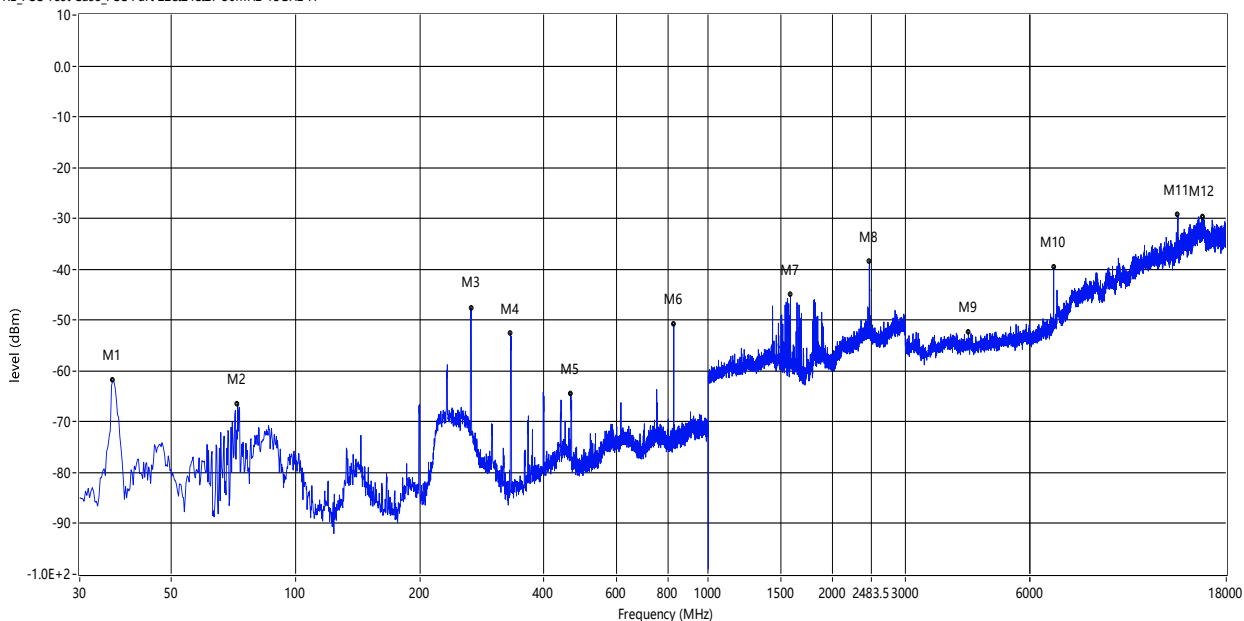
RE_FCC Test Case_FCC Part 22&24&27 30MHz-13GHz-V



Frequency (MHz)	Result (dBm)	Limit (dBm)	Over Limit (dB)	ANT	Verdict
36.305	-54.78	-13.0	-41.78	Vertical	Pass
58.373	-63.01	-13.0	-50.01	Vertical	Pass
90.868	-64.66	-13.0	-51.66	Vertical	Pass
266.438	-40.70	-13.0	-27.70	Vertical	Pass
398.358	-42.32	-13.0	-29.32	Vertical	Pass
824.915	-45.57	-13.0	-32.57	Vertical	Pass
1250.000	-50.21	-13.0	-37.21	Vertical	Pass
1695.000	-26.48	-13.0	-13.48	Vertical	Pass
2456.000	-37.38	-13.0	-24.38	Vertical	Pass
4000.000	-49.23	-13.0	-36.23	Vertical	Pass
6872.500	-30.05	-13.0	-17.05	Vertical	Pass
13747.500	-28.17	-13.0	-15.17	Vertical	Pass

Band 4_QPSK_3.75kHz_1#47_Low_H

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

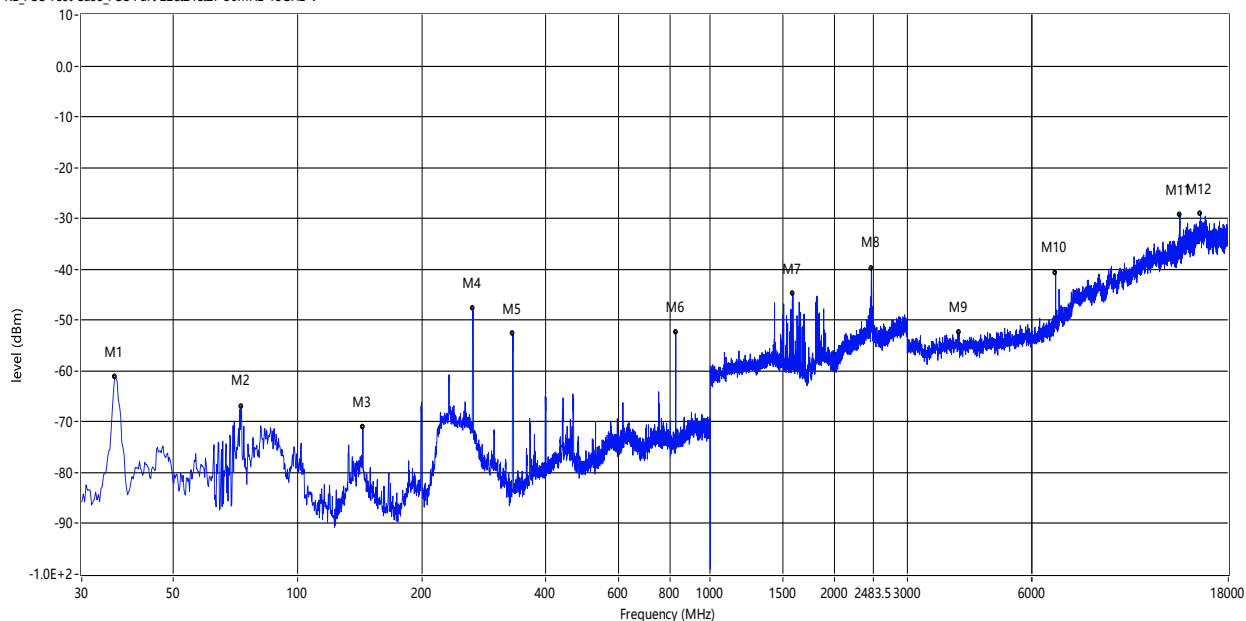


Frequency (MHz)	Result (dBm)	Limit (dBm)	Over Limit (dB)	ANT	Verdict
36.062	-61.89	-13.0	-48.89	Horizontal	Pass
72.438	-66.57	-13.0	-53.57	Horizontal	Pass
266.438	-47.60	-13.0	-34.60	Horizontal	Pass
331.913	-52.66	-13.0	-39.66	Horizontal	Pass
464.802	-64.43	-13.0	-51.43	Horizontal	Pass
824.915	-50.81	-13.0	-37.81	Horizontal	Pass
1582.000	-45.11	-13.0	-32.11	Horizontal	Pass
2458.500	-38.53	-13.0	-25.53	Horizontal	Pass
4267.500	-52.40	-13.0	-39.40	Horizontal	Pass
6872.500	-39.68	-13.0	-26.68	Horizontal	Pass
13743.750	-29.34	-13.0	-16.34	Horizontal	Pass
15841.250	-29.67	-13.0	-16.67	Horizontal	Pass



Band 4_QPSK_3.75kHz_1#47_Low_V

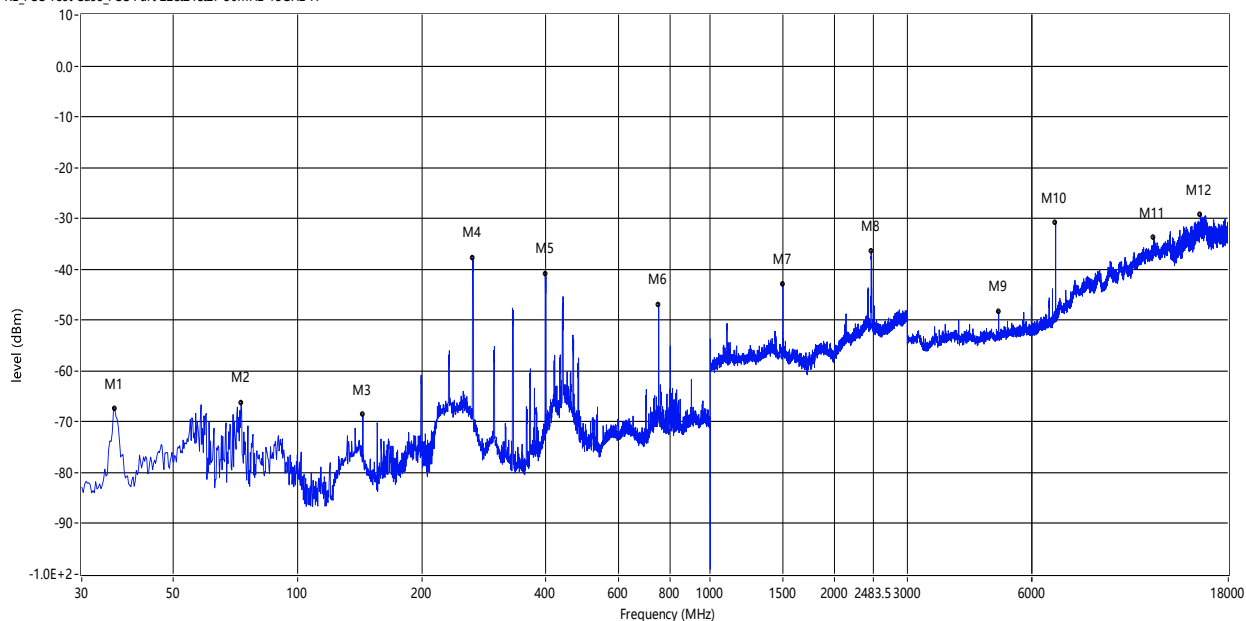
RE_FCC Test Case_FCC Part 22&24&27 30MHz-13GHz-V



Frequency (MHz)	Result (dBm)	Limit (dBm)	Over Limit (dB)	ANT	Verdict
36.062	-61.22	-13.0	-48.22	Vertical	Pass
73.165	-66.89	-13.0	-53.89	Vertical	Pass
143.975	-71.15	-13.0	-58.15	Vertical	Pass
265.468	-47.71	-13.0	-34.71	Vertical	Pass
331.913	-52.74	-13.0	-39.74	Vertical	Pass
824.915	-52.40	-13.0	-39.40	Vertical	Pass
1582.000	-44.75	-13.0	-31.75	Vertical	Pass
2457.500	-39.76	-13.0	-26.76	Vertical	Pass
4000.000	-52.39	-13.0	-39.39	Vertical	Pass
6870.000	-40.63	-13.0	-27.63	Vertical	Pass
13743.750	-29.18	-13.0	-16.18	Vertical	Pass
15420.000	-29.06	-13.0	-16.06	Vertical	Pass

Band 4_QPSK_3.75kHz_1#47_Mid_H

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

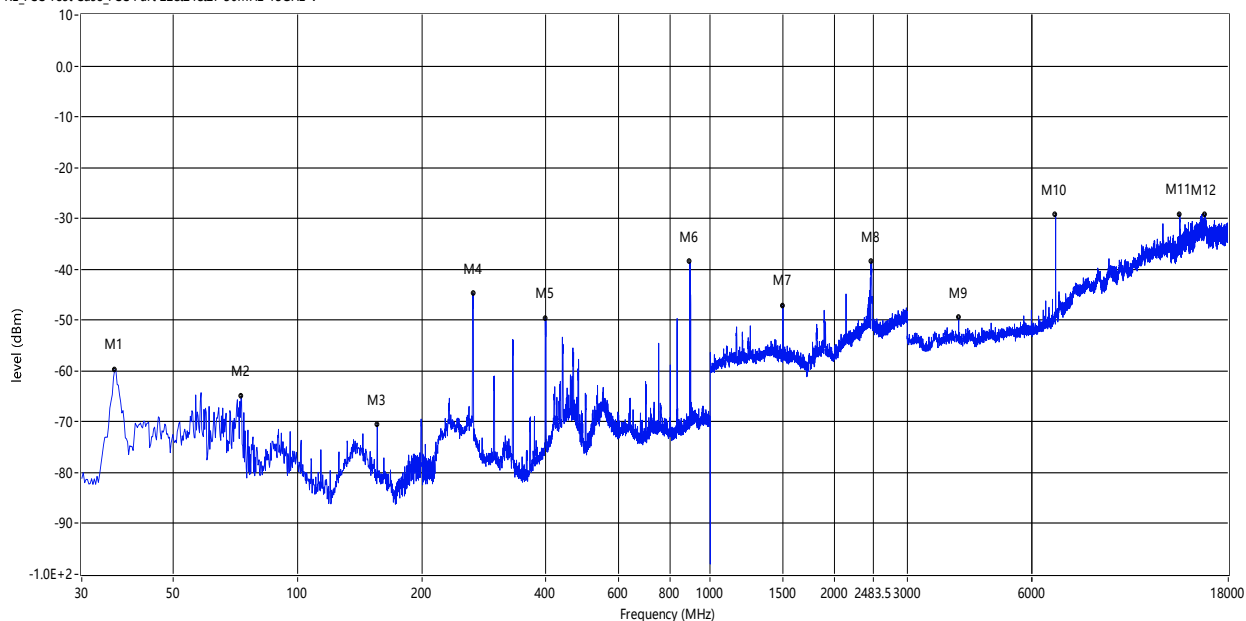


Frequency (MHz)	Result (dBm)	Limit (dBm)	Over Limit (dB)	ANT	Verdict
36.062	-67.42	-13.0	-54.42	Horizontal	Pass
73.165	-66.21	-13.0	-53.21	Horizontal	Pass
143.975	-68.65	-13.0	-55.65	Horizontal	Pass
265.468	-37.77	-13.0	-24.77	Horizontal	Pass
398.358	-40.90	-13.0	-27.90	Horizontal	Pass
749.982	-46.96	-13.0	-33.96	Horizontal	Pass
1500.500	-43.03	-13.0	-30.03	Horizontal	Pass
2455.000	-36.45	-13.0	-23.45	Horizontal	Pass
5000.000	-48.34	-13.0	-35.34	Horizontal	Pass
6870.000	-30.92	-13.0	-17.92	Horizontal	Pass
11885.000	-33.76	-13.0	-20.76	Horizontal	Pass
15406.250	-29.29	-13.0	-16.29	Horizontal	Pass



Band 4_QPSK_3.75kHz_1#47_Mid_V

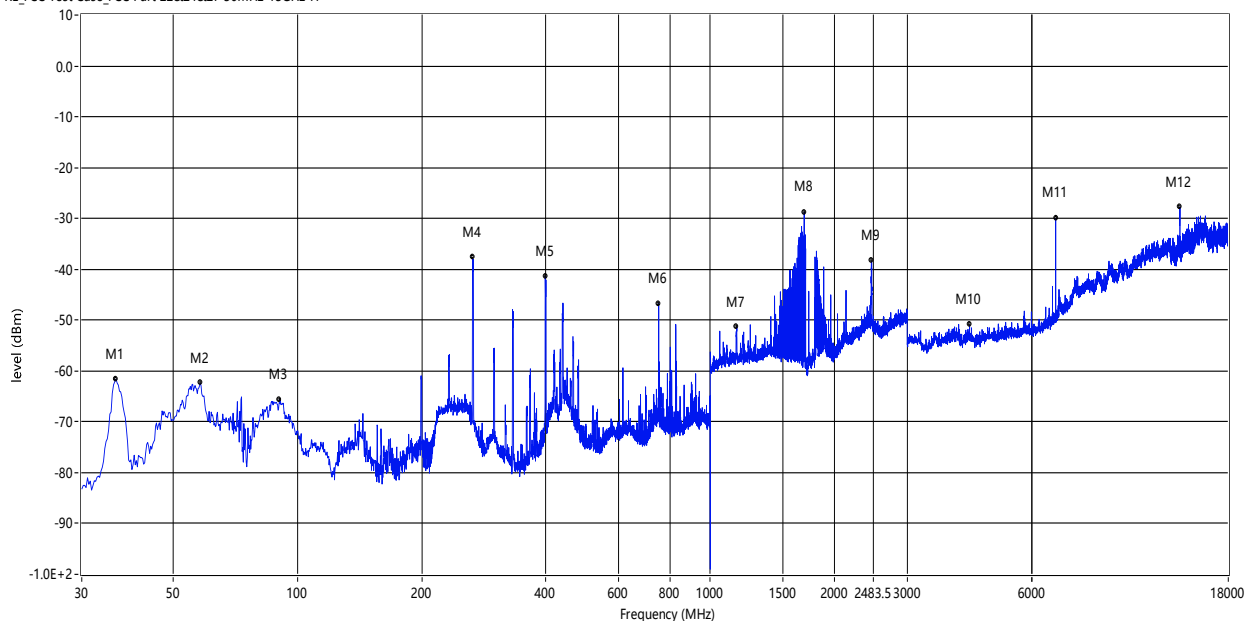
RE_FCC Test Case_FCC Part 22&24&27 30MHz-13GHz-V



Frequency (MHz)	Result (dBm)	Limit (dBm)	Over Limit (dB)	ANT	Verdict
36.062	-59.76	-13.0	-46.76	Vertical	Pass
72.923	-65.02	-13.0	-52.02	Vertical	Pass
155.858	-70.55	-13.0	-57.55	Vertical	Pass
266.438	-44.76	-13.0	-31.76	Vertical	Pass
398.358	-49.64	-13.0	-36.64	Vertical	Pass
893.057	-38.57	-13.0	-25.57	Vertical	Pass
1500.000	-47.15	-13.0	-34.15	Vertical	Pass
2460.500	-38.48	-13.0	-25.48	Vertical	Pass
4000.000	-49.57	-13.0	-36.57	Vertical	Pass
6870.000	-29.29	-13.0	-16.29	Vertical	Pass
13740.000	-29.19	-13.0	-16.19	Vertical	Pass
15808.750	-29.25	-13.0	-16.25	Vertical	Pass

Band 4_QPSK_3.75kHz_1#47_High_H

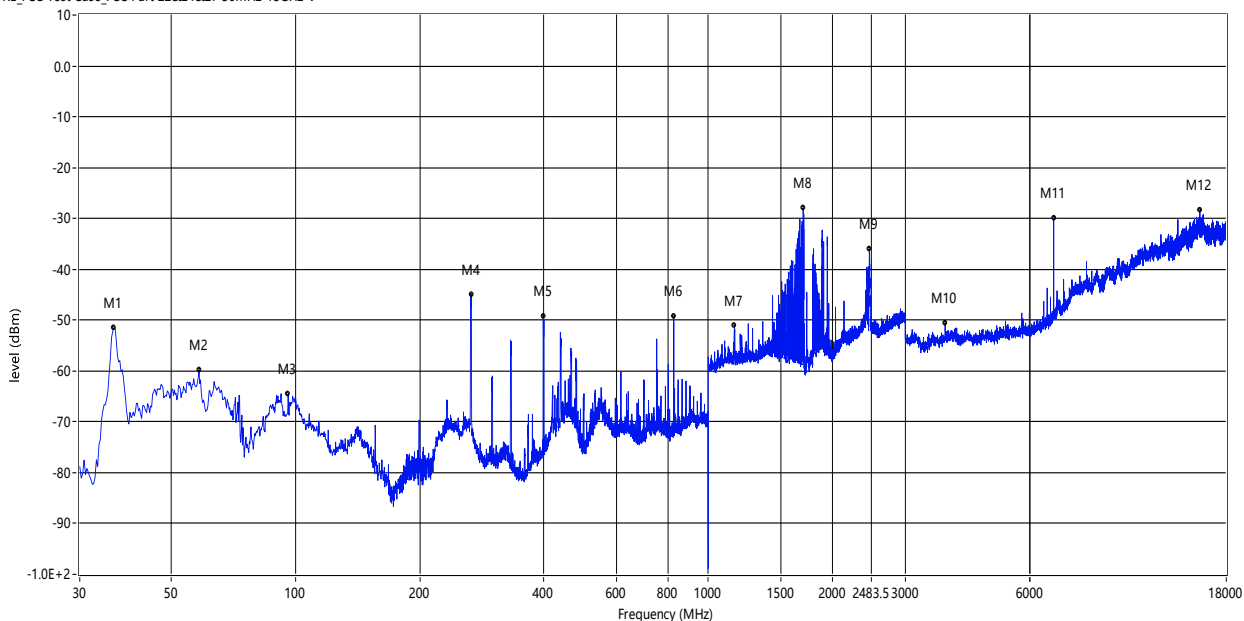
RE_FCC Test Case_FCC Part 22&24&27 30MHz-13GHz-H



Frequency (MHz)	Result (dBm)	Limit (dBm)	Over Limit (dB)	ANT	Verdict
36.305	-61.62	-13.0	-48.62	Horizontal	Pass
58.130	-62.35	-13.0	-49.35	Horizontal	Pass
90.382	-65.55	-13.0	-52.55	Horizontal	Pass
265.468	-37.68	-13.0	-24.68	Horizontal	Pass
398.358	-41.48	-13.0	-28.48	Horizontal	Pass
749.982	-46.71	-13.0	-33.71	Horizontal	Pass
1158.500	-51.26	-13.0	-38.26	Horizontal	Pass
1689.000	-28.74	-13.0	-15.74	Horizontal	Pass
2457.000	-38.35	-13.0	-25.35	Horizontal	Pass
4250.000	-50.92	-13.0	-37.92	Horizontal	Pass
6872.500	-29.98	-13.0	-16.98	Horizontal	Pass
13743.750	-27.77	-13.0	-14.77	Horizontal	Pass

Band 4_QPSK_3.75kHz_1#47_High_V

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

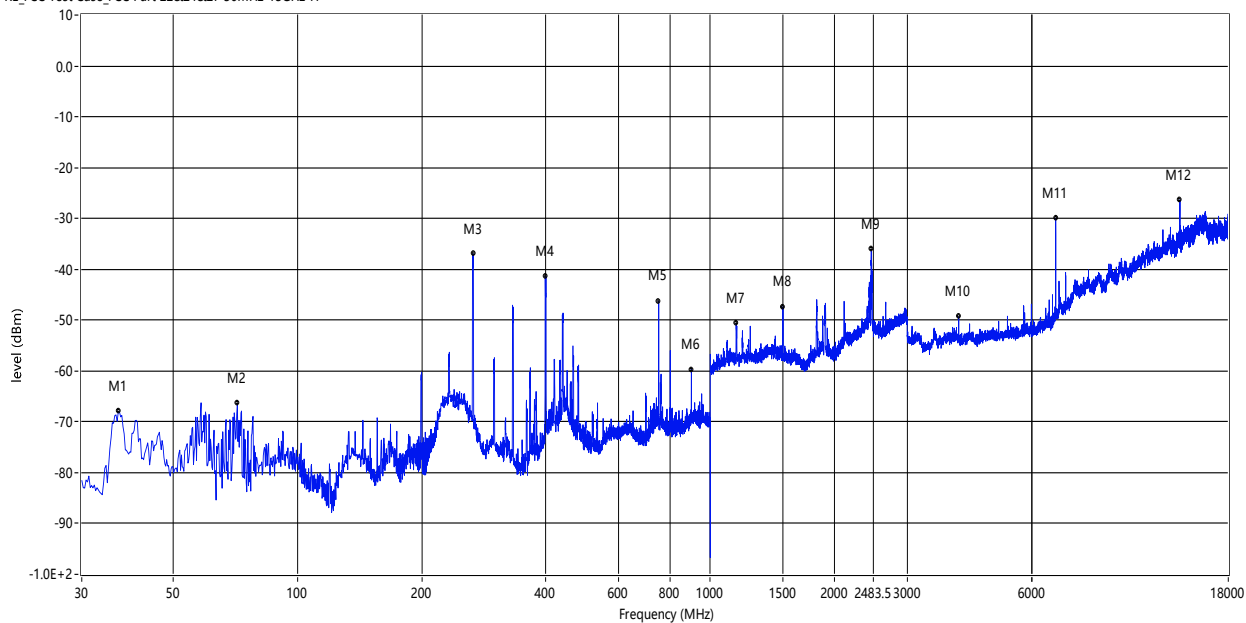


Frequency (MHz)	Result (dBm)	Limit (dBm)	Over Limit (dB)	ANT	Verdict
36.305	-51.56	-13.0	-38.56	Vertical	Pass
58.373	-59.81	-13.0	-46.81	Vertical	Pass
95.960	-64.64	-13.0	-51.64	Vertical	Pass
266.438	-44.96	-13.0	-31.96	Vertical	Pass
398.358	-49.32	-13.0	-36.32	Vertical	Pass
824.915	-49.29	-13.0	-36.29	Vertical	Pass
1157.000	-51.14	-13.0	-38.14	Vertical	Pass
1698.500	-28.05	-13.0	-15.05	Vertical	Pass
2458.500	-35.97	-13.0	-22.97	Vertical	Pass
3750.000	-50.67	-13.0	-37.67	Vertical	Pass
6872.500	-29.97	-13.0	-16.97	Vertical	Pass
15530.000	-28.37	-13.0	-15.37	Vertical	Pass



Band 4_BPSK_15kHz_1#0_Low_H

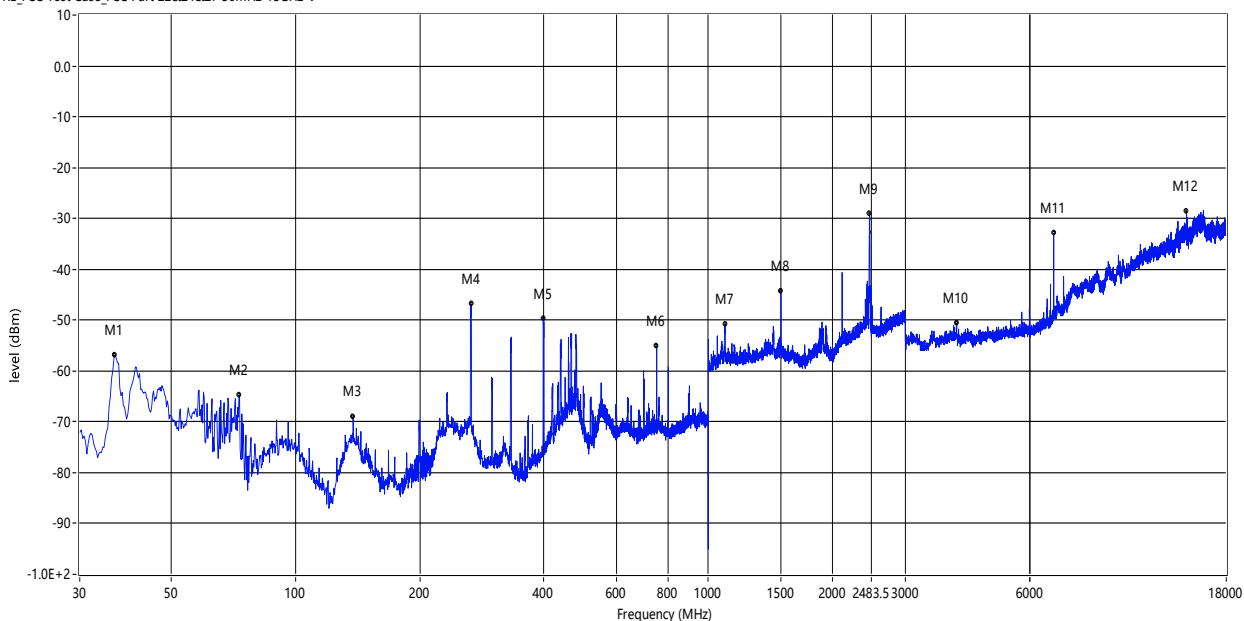
RE_FCC Test Case_FCC Part 22&24&27 30MHz-13GHz-H



Frequency (MHz)	Result (dBm)	Limit (dBm)	Over Limit (dB)	ANT	Verdict
36.790	-67.95	-13.0	-54.95	Horizontal	Pass
71.467	-66.35	-13.0	-53.35	Horizontal	Pass
266.438	-36.96	-13.0	-23.96	Horizontal	Pass
399.813	-41.42	-13.0	-28.42	Horizontal	Pass
749.982	-46.26	-13.0	-33.26	Horizontal	Pass
900.090	-59.73	-13.0	-46.73	Horizontal	Pass
1155.500	-50.61	-13.0	-37.61	Horizontal	Pass
1500.500	-47.39	-13.0	-34.39	Horizontal	Pass
2455.500	-36.08	-13.0	-23.08	Horizontal	Pass
4000.000	-49.34	-13.0	-36.34	Horizontal	Pass
6872.500	-29.95	-13.0	-16.95	Horizontal	Pass
13745.000	-26.38	-13.0	-13.38	Horizontal	Pass

Band 4_BPSK_15kHz_1#0_Low_V

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

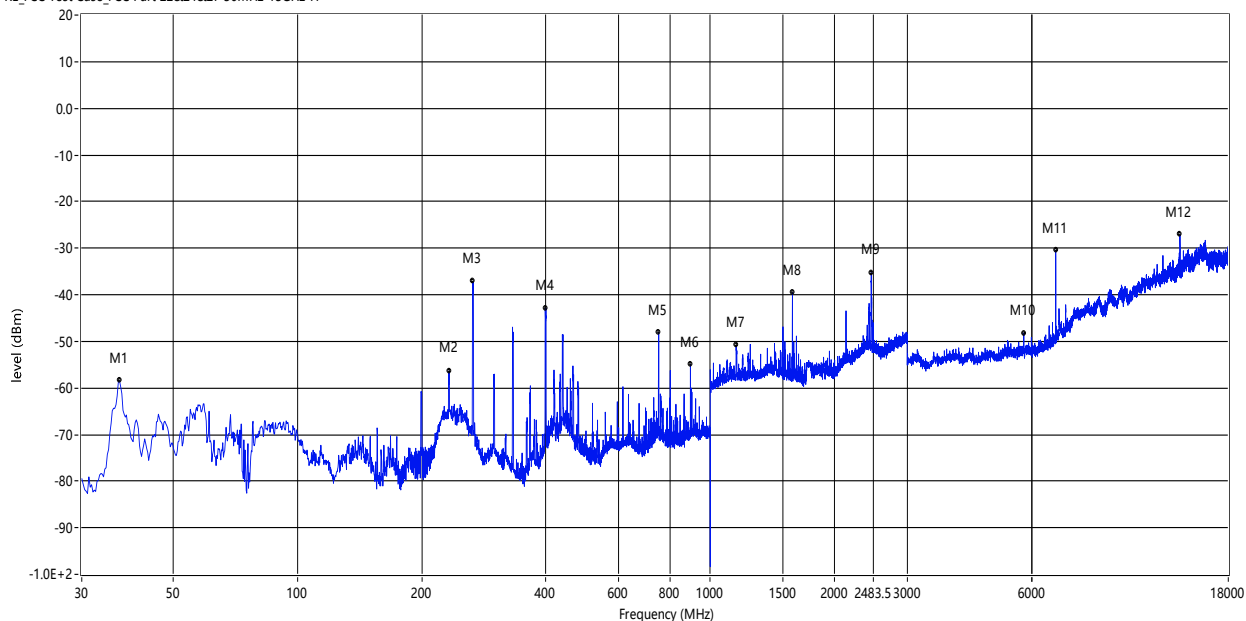


Frequency (MHz)	Result (dBm)	Limit (dBm)	Over Limit (dB)	ANT	Verdict
36.547	-56.91	-13.0	-43.91	Vertical	Pass
72.923	-64.78	-13.0	-51.78	Vertical	Pass
137.913	-68.92	-13.0	-55.92	Vertical	Pass
266.438	-46.88	-13.0	-33.88	Vertical	Pass
398.358	-49.69	-13.0	-36.69	Vertical	Pass
749.982	-55.09	-13.0	-42.09	Vertical	Pass
1100.000	-50.82	-13.0	-37.82	Vertical	Pass
1500.500	-44.40	-13.0	-31.40	Vertical	Pass
2460.500	-29.12	-13.0	-16.12	Vertical	Pass
4000.000	-50.58	-13.0	-37.58	Vertical	Pass
6872.500	-32.92	-13.0	-19.92	Vertical	Pass
14426.250	-28.65	-13.0	-15.65	Vertical	Pass



Band 4_BPSK_15kHz_1#0_Mid_H

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

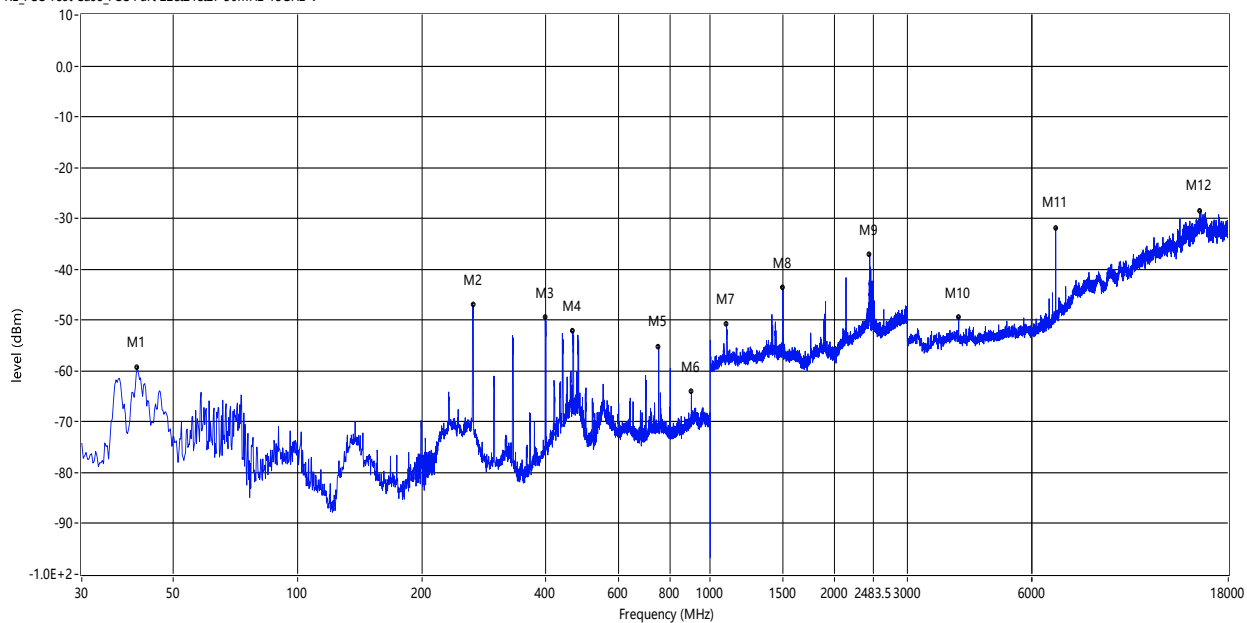


Frequency (MHz)	Result (dBm)	Limit (dBm)	Over Limit (dB)	ANT	Verdict
37.032	-58.45	-13.0	-45.45	Horizontal	Pass
233.215	-56.35	-13.0	-43.35	Horizontal	Pass
265.468	-37.18	-13.0	-24.18	Horizontal	Pass
399.813	-42.86	-13.0	-29.86	Horizontal	Pass
749.982	-48.08	-13.0	-35.08	Horizontal	Pass
895.240	-54.93	-13.0	-41.93	Horizontal	Pass
1155.000	-50.88	-13.0	-37.88	Horizontal	Pass
1582.000	-39.56	-13.0	-26.56	Horizontal	Pass
2455.500	-35.26	-13.0	-22.26	Horizontal	Pass
5750.000	-48.21	-13.0	-35.21	Horizontal	Pass
6872.500	-30.45	-13.0	-17.45	Horizontal	Pass
13746.250	-27.14	-13.0	-14.14	Horizontal	Pass



Band 4_BPSK_15kHz_1#0_Mid_V

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

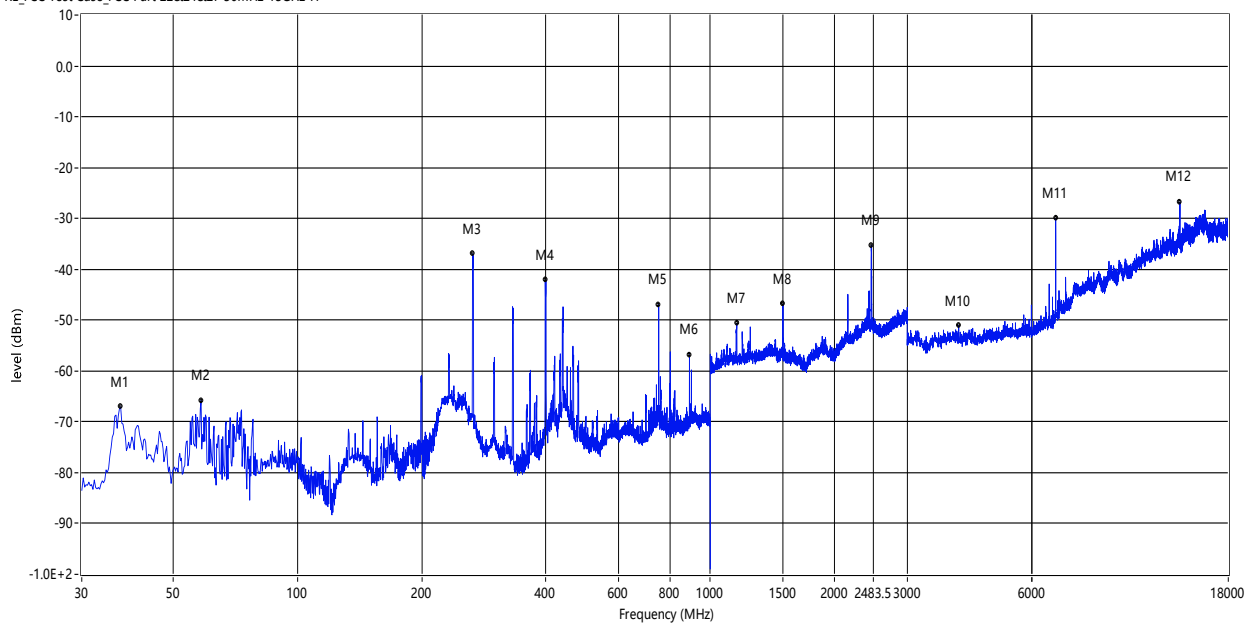


Frequency (MHz)	Result (dBm)	Limit (dBm)	Over Limit (dB)	ANT	Verdict
40.913	-59.31	-13.0	-46.31	Vertical	Pass
266.438	-47.12	-13.0	-34.12	Vertical	Pass
398.358	-49.47	-13.0	-36.47	Vertical	Pass
464.802	-52.21	-13.0	-39.21	Vertical	Pass
749.982	-55.27	-13.0	-42.27	Vertical	Pass
900.090	-64.18	-13.0	-51.18	Vertical	Pass
1095.500	-50.82	-13.0	-37.82	Vertical	Pass
1500.500	-43.76	-13.0	-30.76	Vertical	Pass
2435.000	-37.14	-13.0	-24.14	Vertical	Pass
4000.000	-49.46	-13.0	-36.46	Vertical	Pass
6872.500	-31.87	-13.0	-18.87	Vertical	Pass
15388.750	-28.57	-13.0	-15.57	Vertical	Pass



Band 4_BPSK_15kHz_1#0_High_H

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

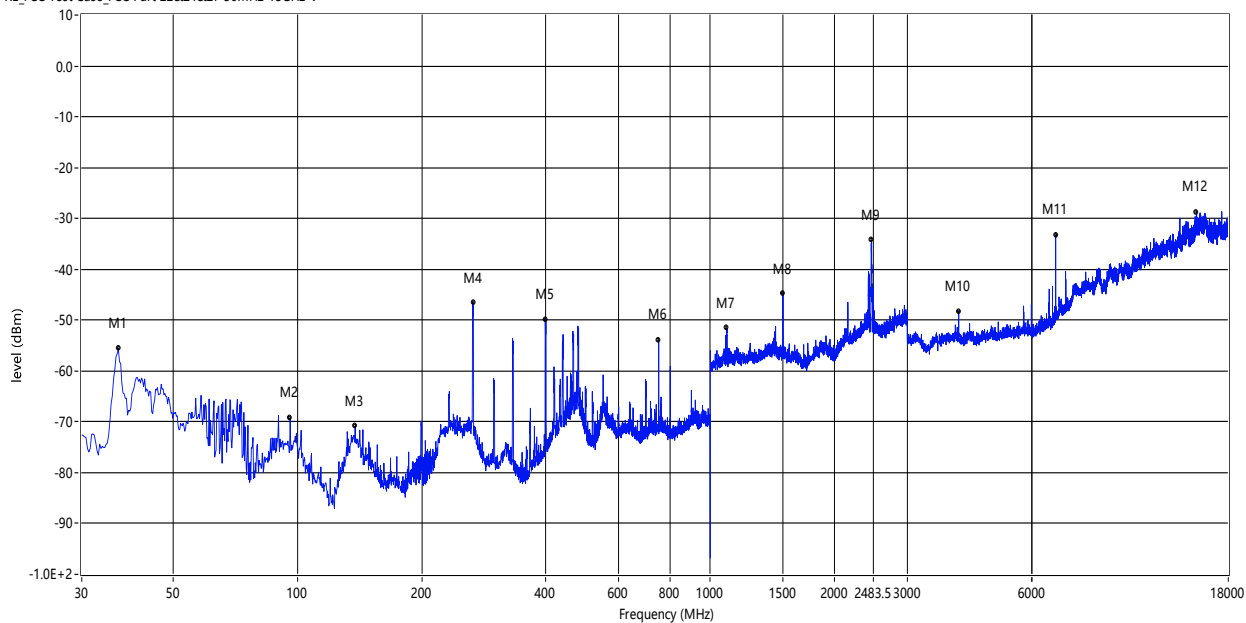


Frequency (MHz)	Result (dBm)	Limit (dBm)	Over Limit (dB)	ANT	Verdict
37.275	-67.07	-13.0	-54.07	Horizontal	Pass
58.373	-65.80	-13.0	-52.80	Horizontal	Pass
265.468	-36.96	-13.0	-23.96	Horizontal	Pass
399.813	-42.11	-13.0	-29.11	Horizontal	Pass
749.982	-46.93	-13.0	-33.93	Horizontal	Pass
890.390	-56.80	-13.0	-43.80	Horizontal	Pass
1160.000	-50.63	-13.0	-37.63	Horizontal	Pass
1500.500	-46.86	-13.0	-33.86	Horizontal	Pass
2457.000	-35.27	-13.0	-22.27	Horizontal	Pass
4000.000	-51.02	-13.0	-38.02	Horizontal	Pass
6872.500	-30.05	-13.0	-17.05	Horizontal	Pass
13743.750	-26.79	-13.0	-13.79	Horizontal	Pass



Band 4_BPSK_15kHz_1#0_High_V

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

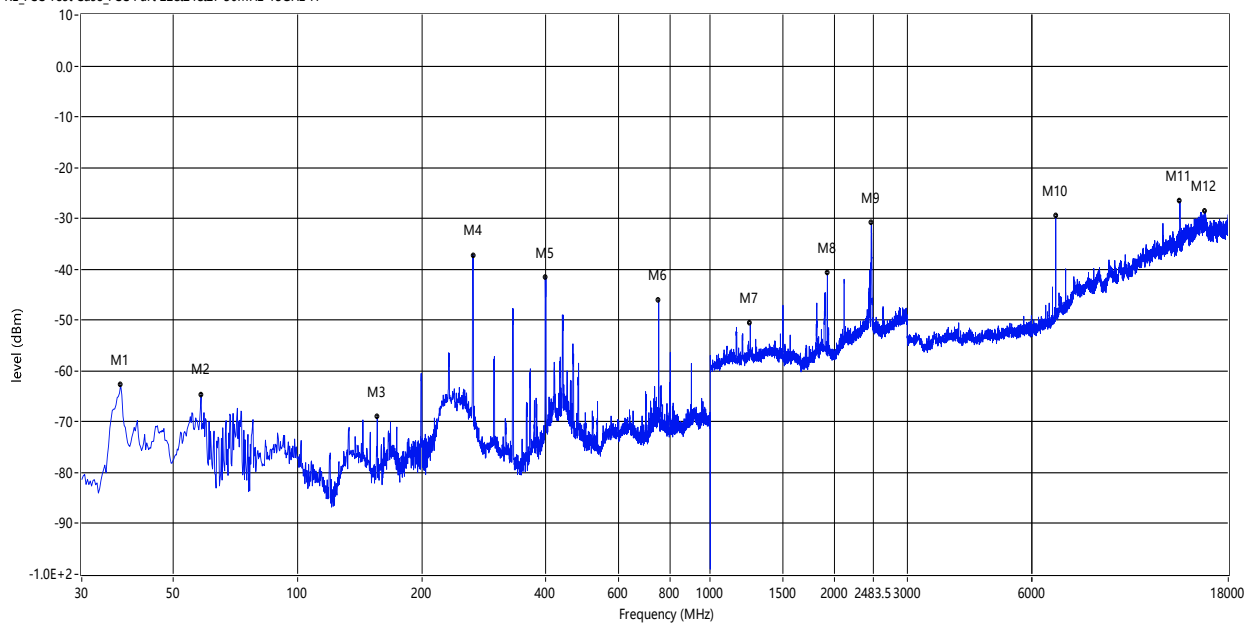


Frequency (MHz)	Result (dBm)	Limit (dBm)	Over Limit (dB)	ANT	Verdict
36.790	-55.56	-13.0	-42.56	Vertical	Pass
95.960	-69.18	-13.0	-56.18	Vertical	Pass
137.913	-70.80	-13.0	-57.80	Vertical	Pass
266.438	-46.56	-13.0	-33.56	Vertical	Pass
398.358	-49.87	-13.0	-36.87	Vertical	Pass
749.982	-53.88	-13.0	-40.88	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

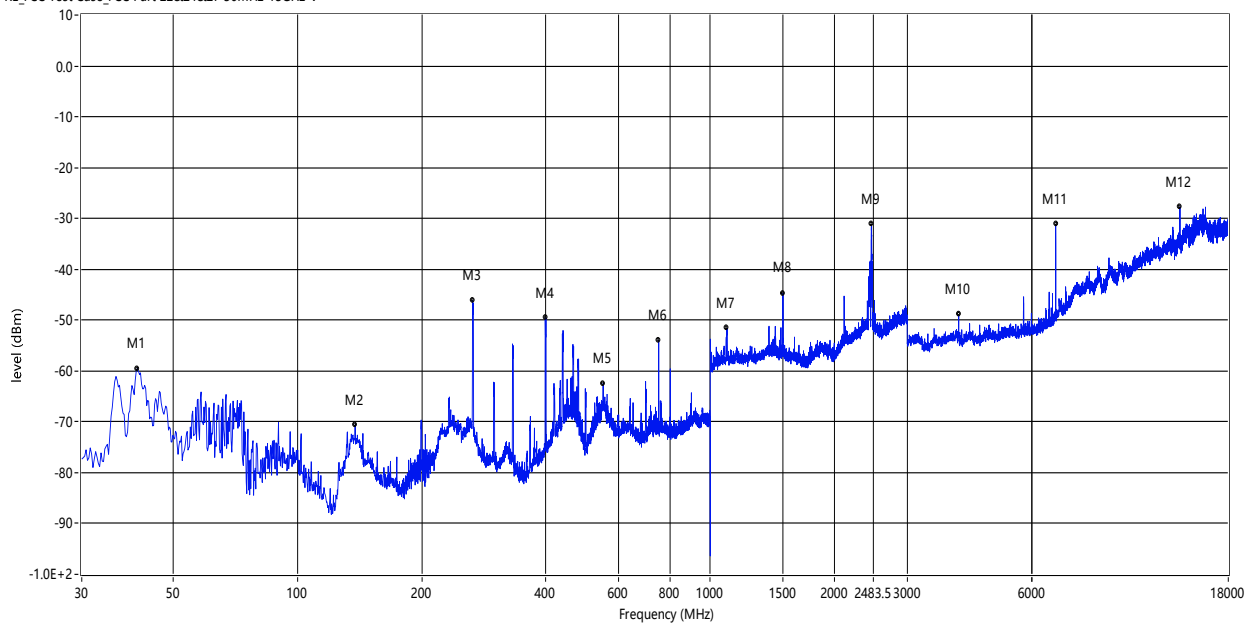


Frequency (MHz)	Result (dBm)	PK Limit (dBm)	Over Limit (dB)	ANT	Verdict
37.275	-62.73	-13.0	-49.73	Horizontal	Pass
58.373	-64.69	-13.0	-51.69	Horizontal	Pass
156.100	-69.01	-13.0	-56.01	Horizontal	Pass
266.438	-37.28	-13.0	-24.28	Horizontal	Pass
399.813	-41.68	-13.0	-28.68	Horizontal	Pass
749.982	-46.12	-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

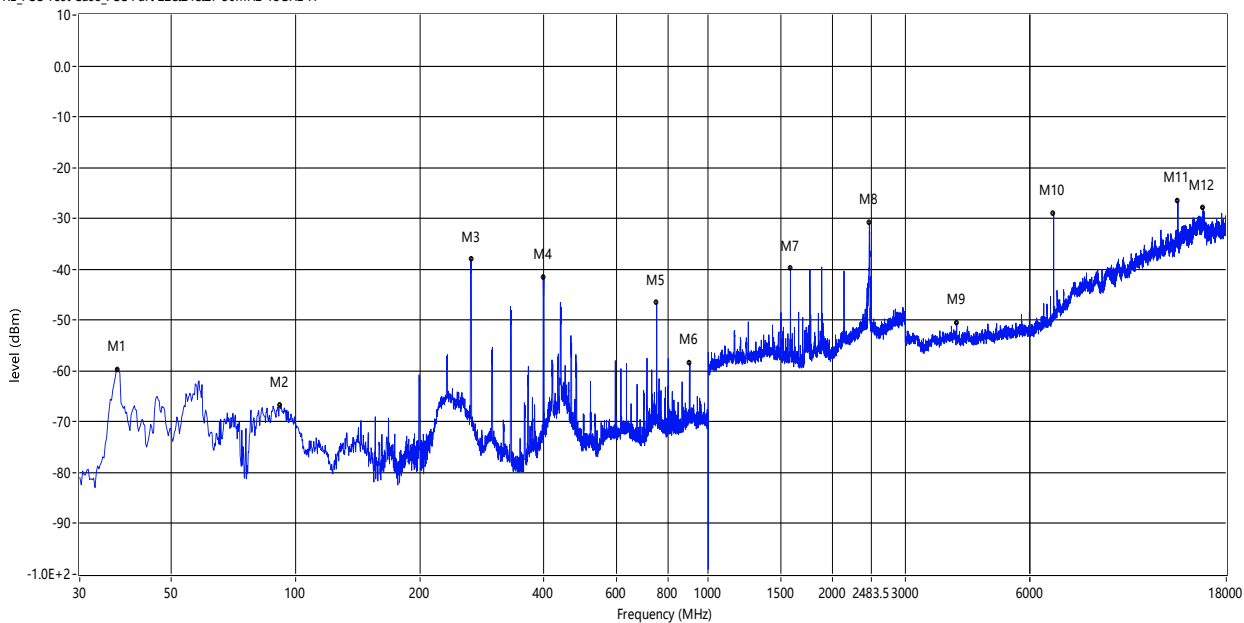
RE_FCC Test Case_FCC Part 22&24&27 30MHz-13GHz-V



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

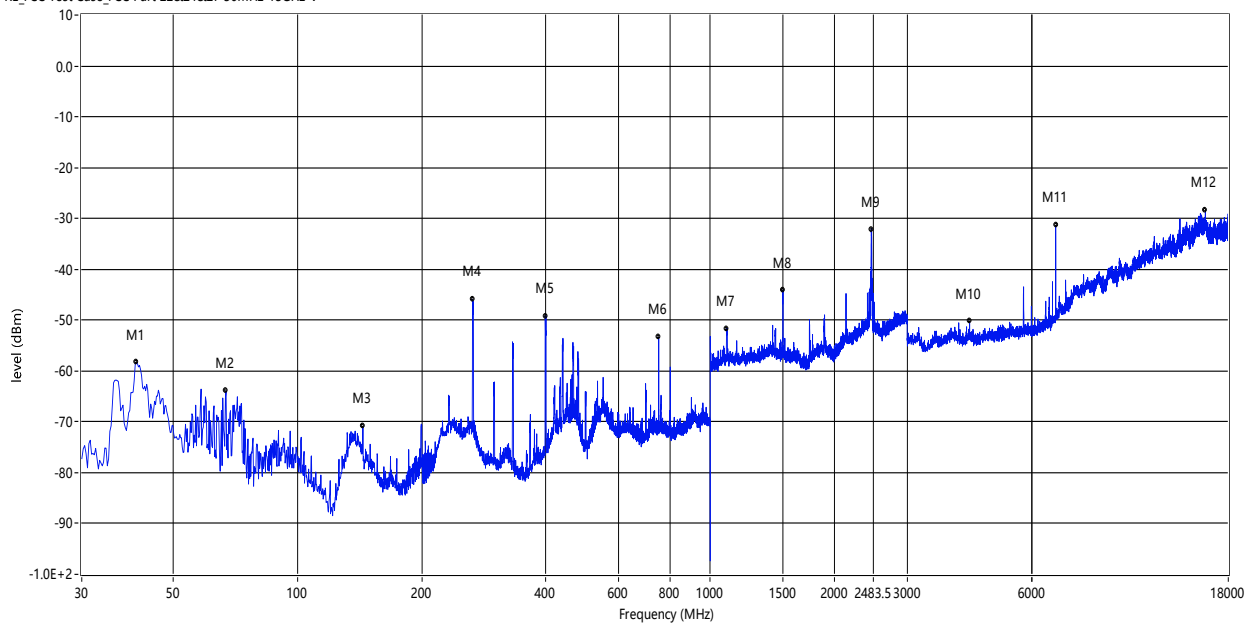


Frequency (MHz)	Result (dBm)	Limit (dBm)	Over Limit (dB)	ANT	Verdict
37.032	-59.72	-13.0	-46.72	Horizontal	Pass
91.838	-66.78	-13.0	-53.78	Horizontal	Pass
266.438	-38.05	-13.0	-25.05	Horizontal	Pass
399.813	-41.63	-13.0	-28.63	Horizontal	Pass
749.982	-46.66	-13.0	-33.66	Horizontal	Pass
902.515	-58.53	-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

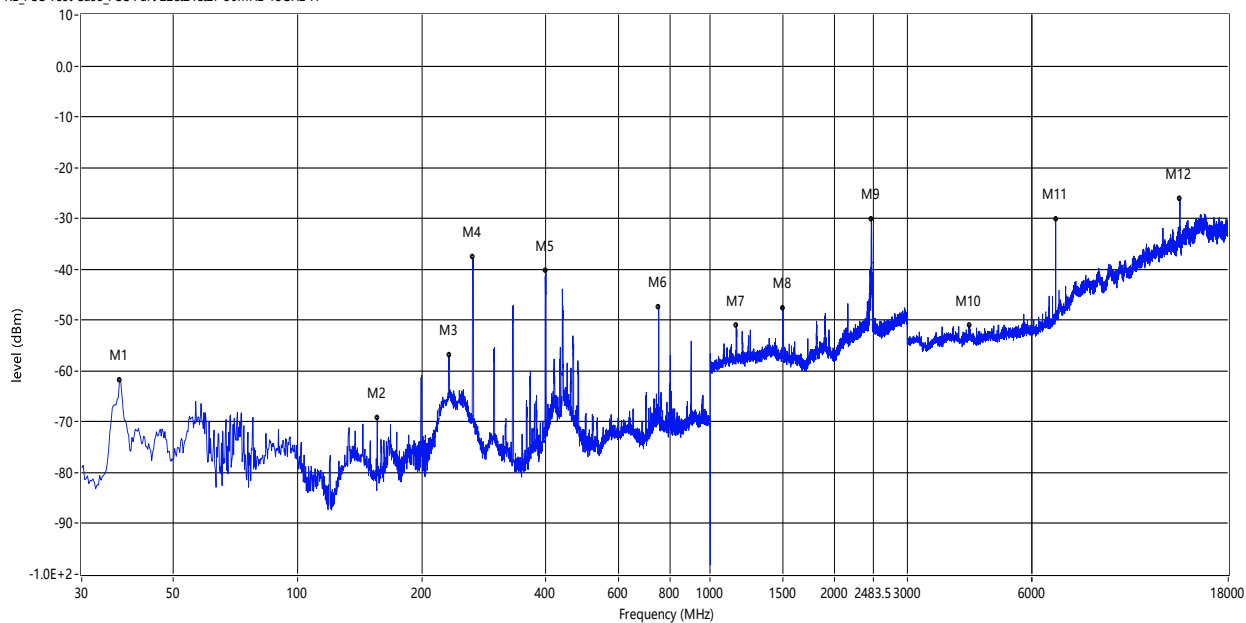


Frequency (MHz)	Result (dBm)	Limit (dBm)	Over Limit (dB)	ANT	Verdict
40.670	-58.26	-13.0	-45.26	Vertical	Pass
67.103	-63.90	-13.0	-50.90	Vertical	Pass
143.975	-70.93	-13.0	-57.93	Vertical	Pass
265.468	-45.90	-13.0	-32.90	Vertical	Pass
399.813	-49.15	-13.0	-36.15	Vertical	Pass
749.982	-53.33	-13.0	-40.33	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

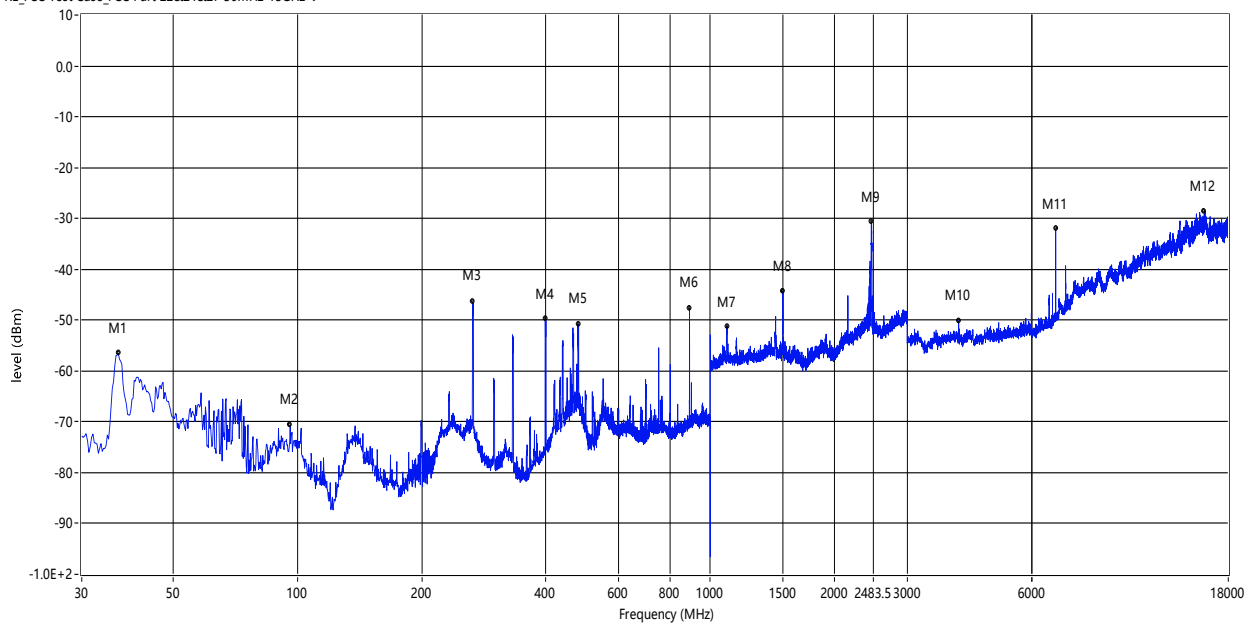


Frequency (MHz)	Result (dBm)	Limit (dBm)	Over Limit (dB)	ANT	Verdict
37.032	-61.87	-13.0	-48.87	Horizontal	Pass
155.858	-69.32	-13.0	-56.32	Horizontal	Pass
233.215	-56.98	-13.0	-43.98	Horizontal	Pass
265.468	-37.64	-13.0	-24.64	Horizontal	Pass
399.813	-40.30	-13.0	-27.30	Horizontal	Pass
749.982	-47.43	-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

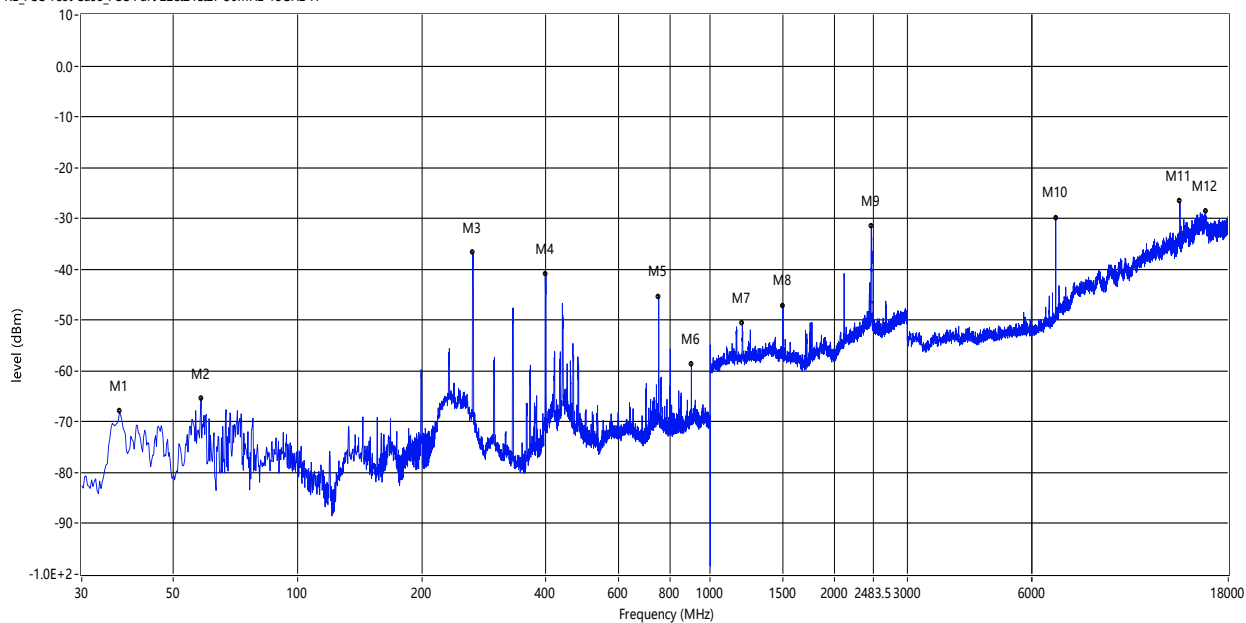


Frequency (MHz)	Result (dBm)	Limit (dBm)	Over Limit (dB)	ANT	Verdict
36.790	-56.55	-13.0	-43.55	Vertical	Pass
95.960	-70.69	-13.0	-57.69	Vertical	Pass
265.468	-46.44	-13.0	-33.44	Vertical	Pass
398.358	-49.82	-13.0	-36.82	Vertical	Pass
479.838	-50.78	-13.0	-37.78	Vertical	Pass
890.875	-47.61	-13.0	-34.61	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

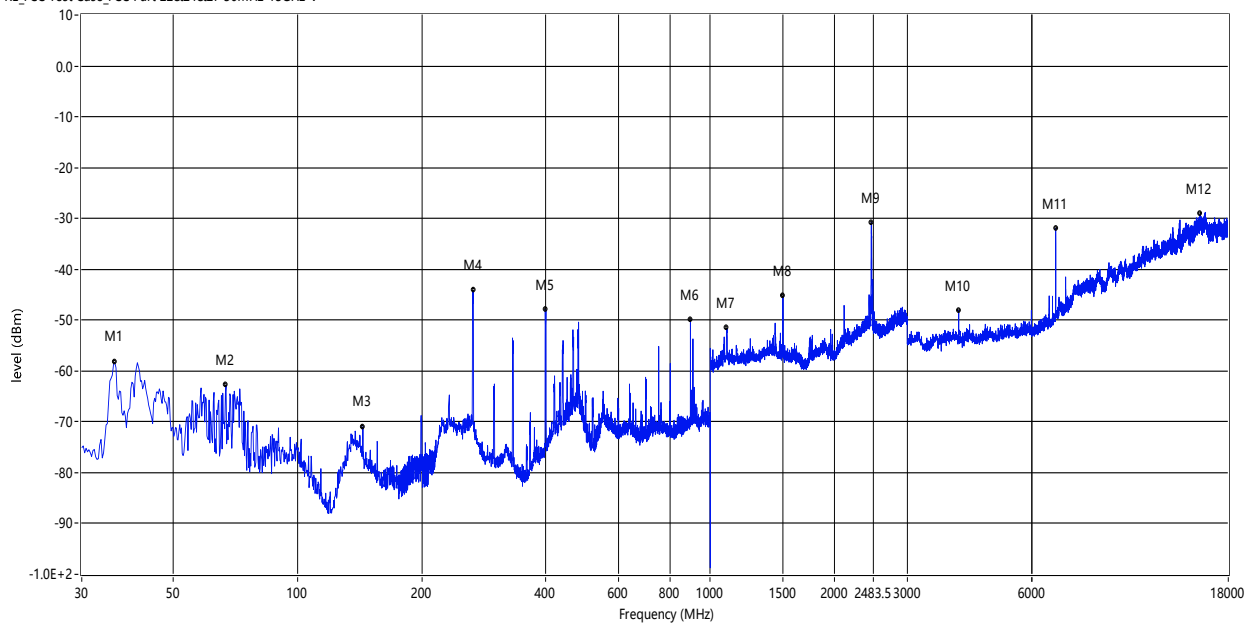


Frequency (MHz)	Result (dBm)	Limit (dBm)	Over Limit (dB)	ANT	Verdict
37.032	-67.98	-13.0	-54.98	Horizontal	Pass
58.373	-65.38	-13.0	-52.38	Horizontal	Pass
265.468	-36.68	-13.0	-23.68	Horizontal	Pass
399.813	-41.03	-13.0	-28.03	Horizontal	Pass
749.982	-45.34	-13.0	-32.34	Horizontal	Pass
900.090	-58.75	-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

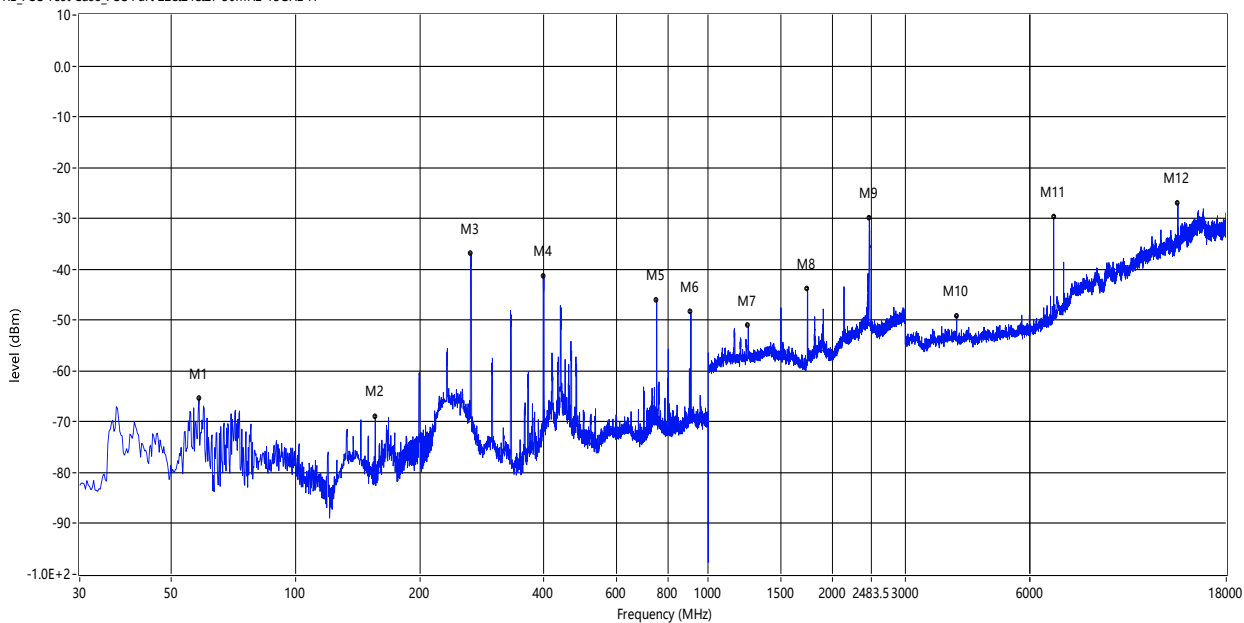
RE_FCC Test Case_FCC Part 22&24&27 30MHz-13GHz-V



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

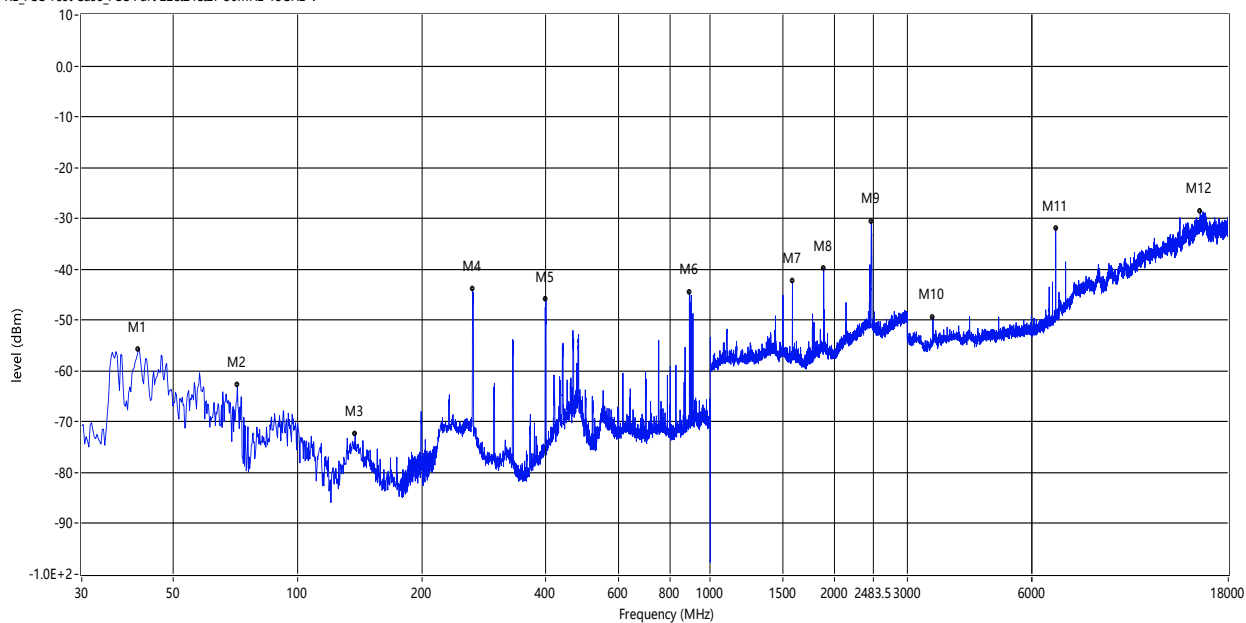


Frequency (MHz)	Result (dBm)	Limit (dBm)	Over Limit (dB)	ANT	Verdict
58.373	-65.43	-13.0	-52.43	Horizontal	Pass
155.858	-69.07	-13.0	-56.07	Horizontal	Pass
265.468	-36.93	-13.0	-23.93	Horizontal	Pass
399.813	-41.48	-13.0	-28.48	Horizontal	Pass
749.982	-46.17	-13.0	-33.17	Horizontal	Pass
907.850	-48.47	-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

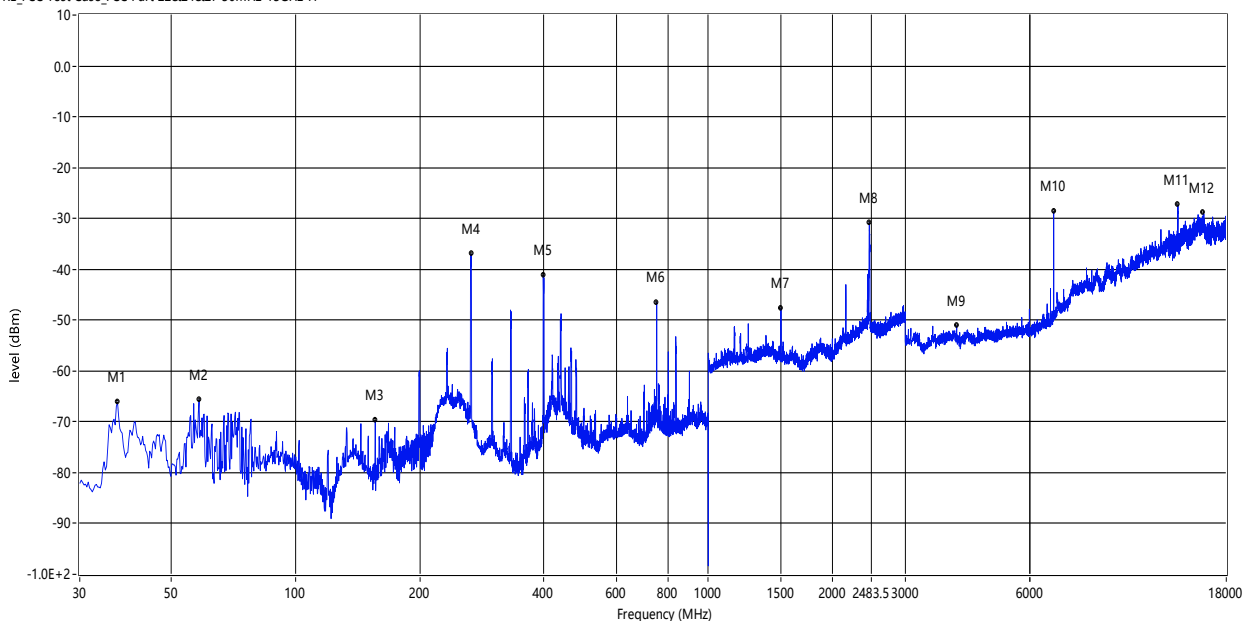
RE_FCC Test Case_FCC Part 22&24&27 30MHz-13GHz-V



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

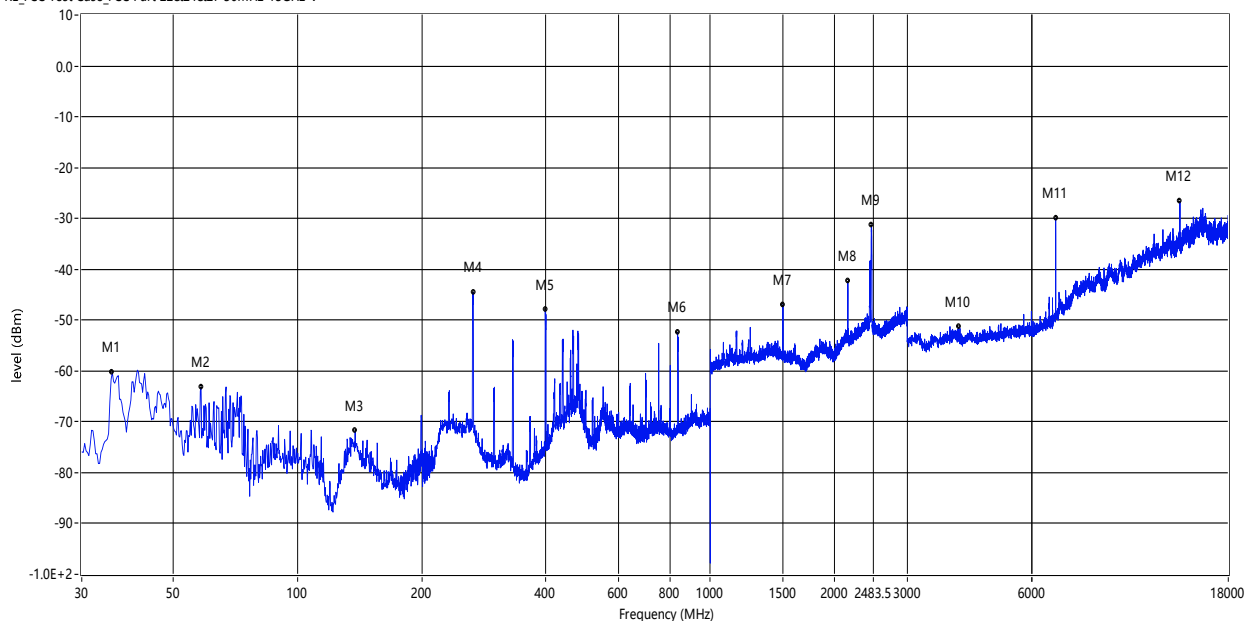


Frequency (MHz)	Result (dBm)	Limit (dBm)	Over Limit (dB)	ANT	Verdict
37.032	-66.12	-13.0	-53.12	Horizontal	Pass
58.373	-65.67	-13.0	-52.67	Horizontal	Pass
155.858	-69.78	-13.0	-56.78	Horizontal	Pass
266.438	-37.03	-13.0	-24.03	Horizontal	Pass
398.358	-41.27	-13.0	-28.27	Horizontal	Pass
749.982	-46.49	-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

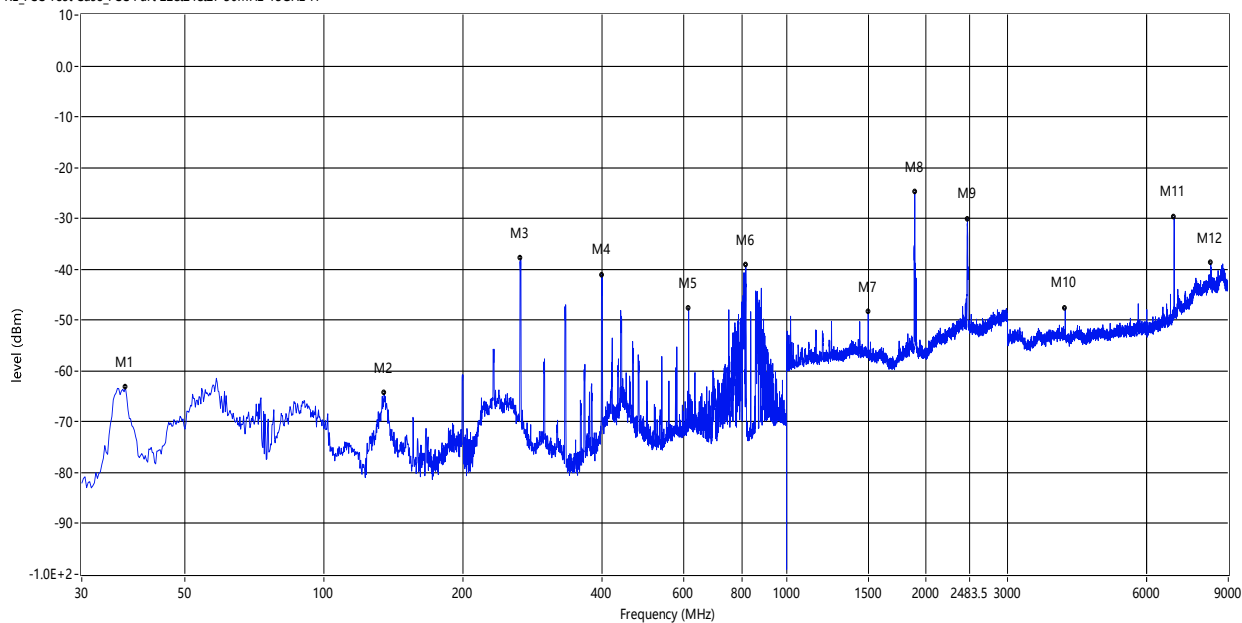
RE_FCC Test Case_FCC Part 22&24&27 30MHz-13GHz-V



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

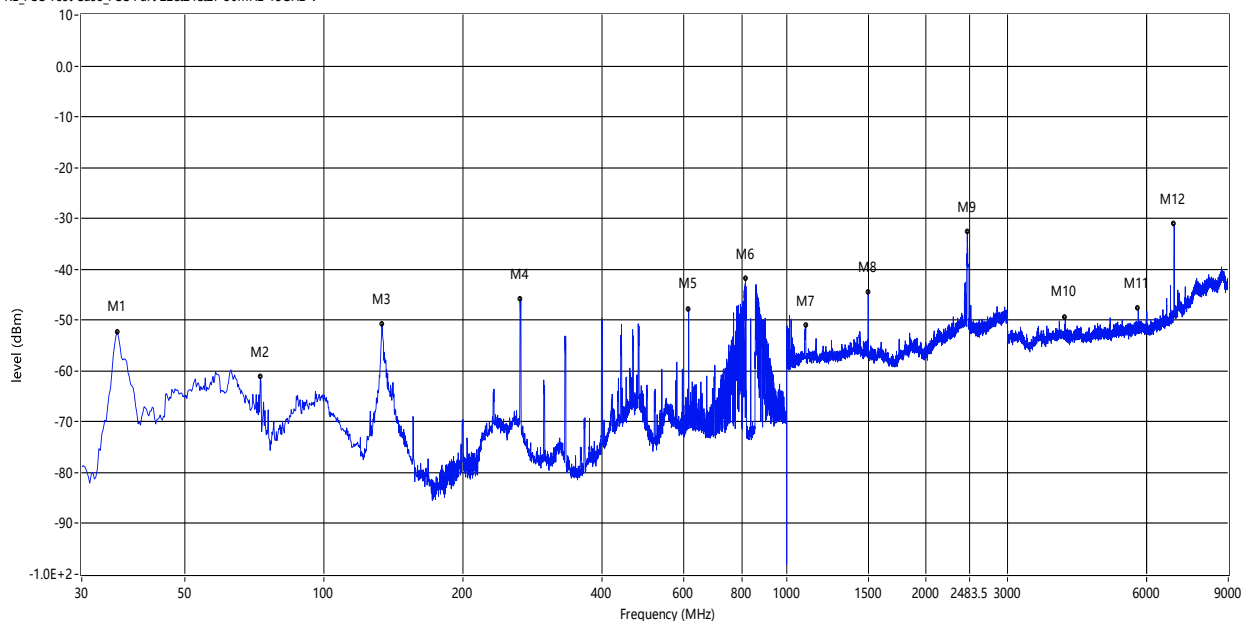
RE_FCC Test Case_FCC Part 22&24&27 30MHz-13GHz-H



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

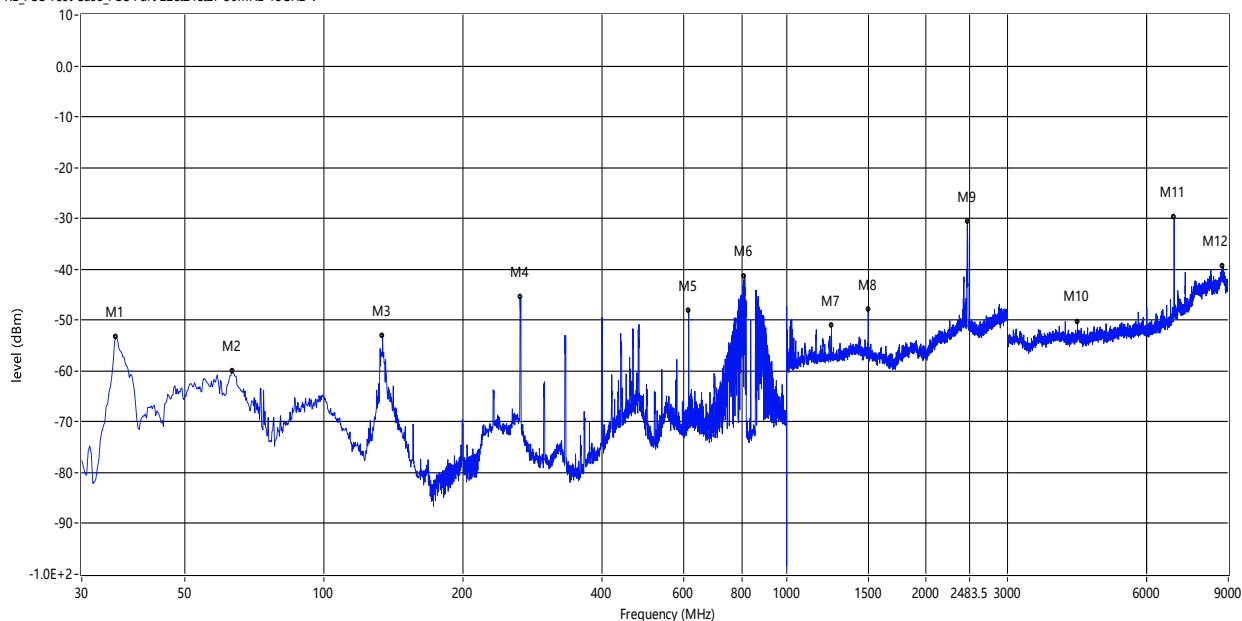
RE_FCC Test Case_FCC Part 22&24&27 30MHz-13GHz-V



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

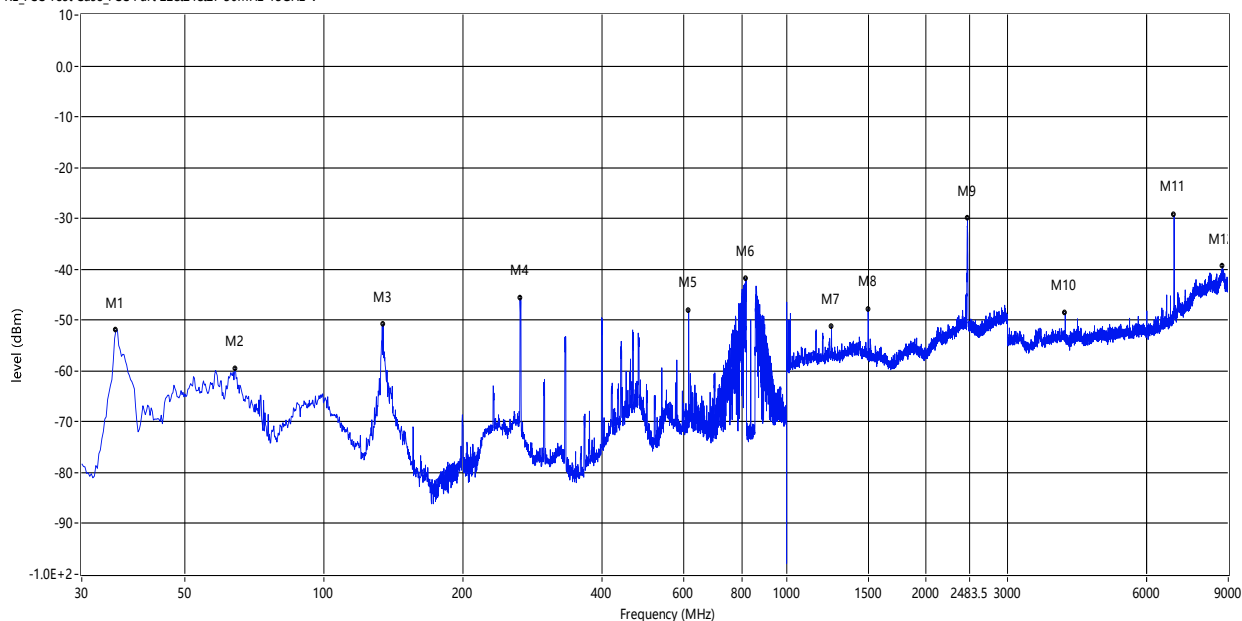
RE_FCC Test Case_FCC Part 22&24&27 30MHz-13GHz-V



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

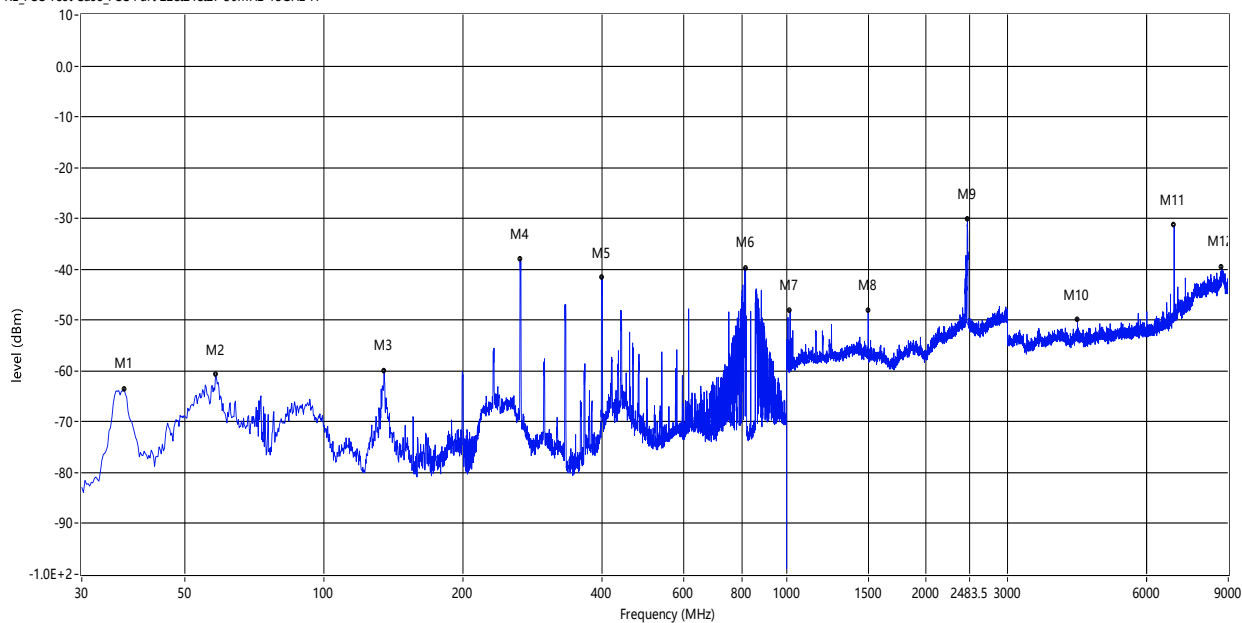


Frequency (MHz)	Result (dBm)	Limit (dBm)	Over Limit (dB)	ANT	Verdict
35.578	-51.91	-13.0	-38.91	Vertical	Pass
64.435	-59.58	-13.0	-46.58	Vertical	Pass
134.275	-50.86	-13.0	-37.86	Vertical	Pass
266.438	-45.65	-13.0	-32.65	Vertical	Pass
614.425	-48.15	-13.0	-35.15	Vertical	Pass
816.185	-41.84	-13.0	-28.84	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

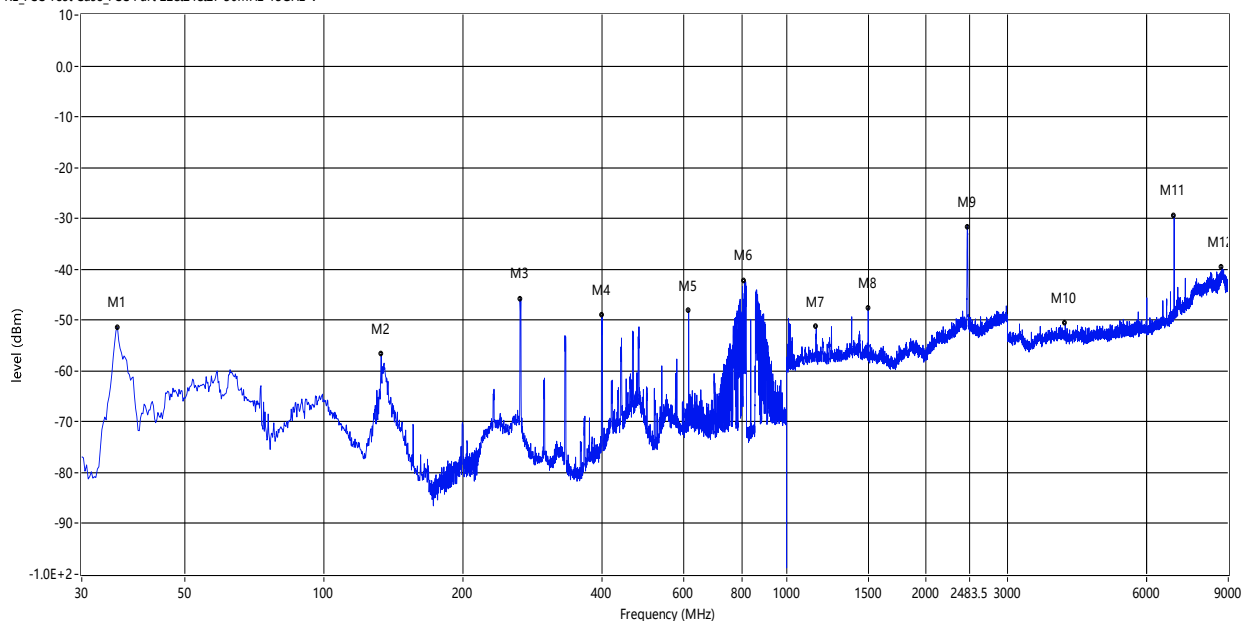
RE_FCC Test Case_FCC Part 22&24&27 30MHz-13GHz-H



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

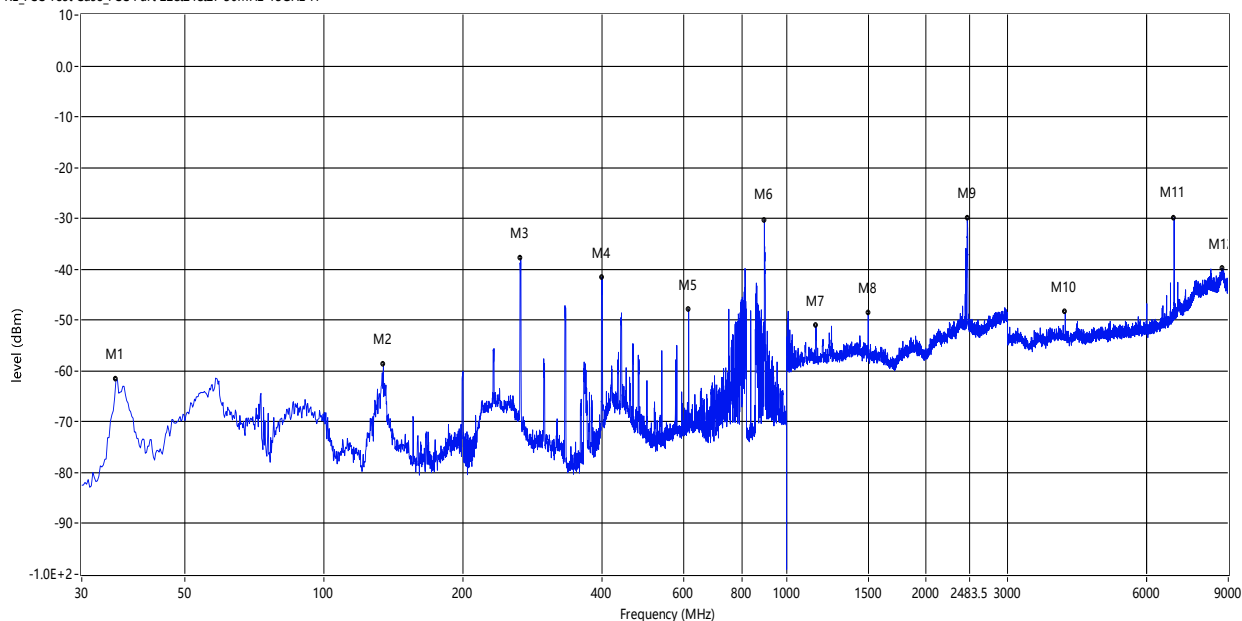


Frequency (MHz)	Result (dBm)	Limit (dBm)	Over Limit (dB)	ANT	Verdict
35.820	-51.42	-13.0	-38.42	Vertical	Pass
133.062	-56.66	-13.0	-43.66	Vertical	Pass
266.438	-45.80	-13.0	-32.80	Vertical	Pass
399.813	-49.08	-13.0	-36.08	Vertical	Pass
614.425	-48.15	-13.0	-35.15	Vertical	Pass
810.607	-42.38	-13.0	-29.38	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

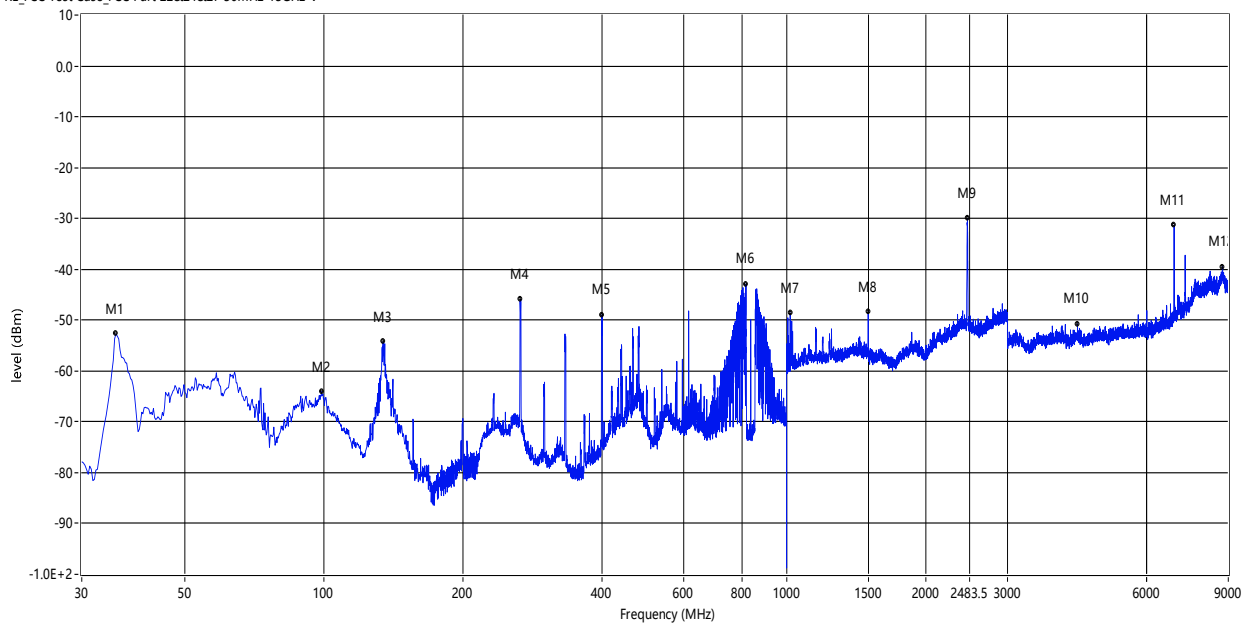


Frequency (MHz)	Result (dBm)	Limit (dBm)	Over Limit (dB)	ANT	Verdict
35.578	-61.69	-13.0	-48.69	Horizontal	Pass
134.518	-58.70	-13.0	-45.70	Horizontal	Pass
266.438	-37.85	-13.0	-24.85	Horizontal	Pass
398.358	-41.62	-13.0	-28.62	Horizontal	Pass
614.425	-47.93	-13.0	-34.93	Horizontal	Pass
895.240	-30.30	-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

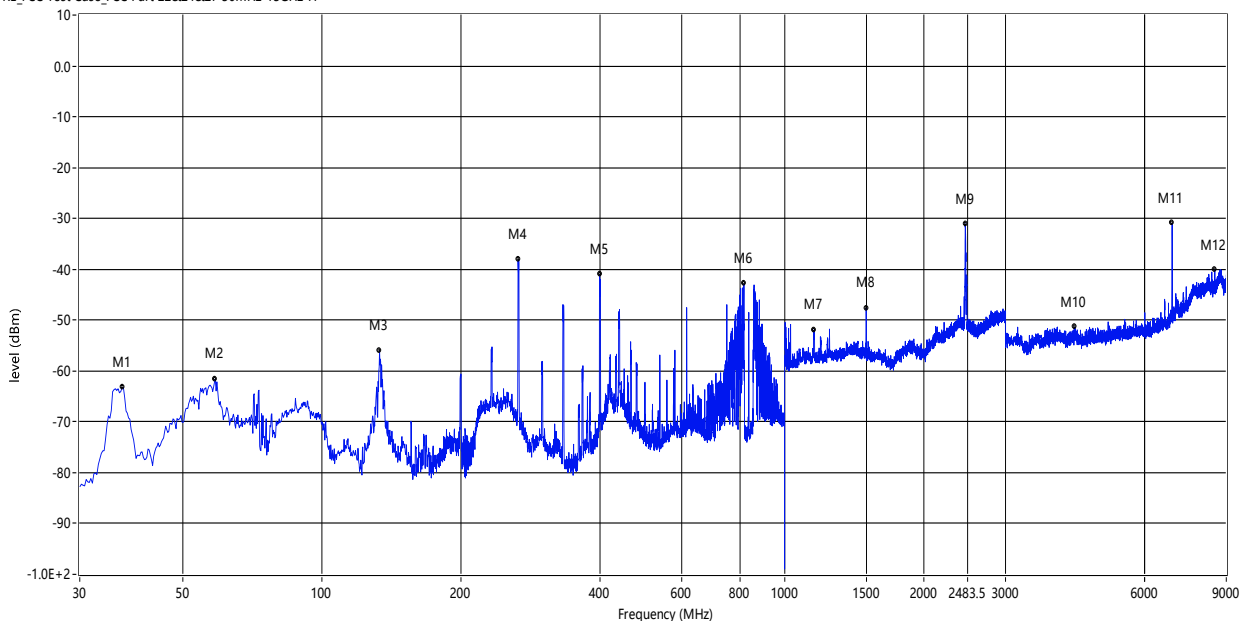
RE_FCC Test Case_FCC Part 22&24&27 30MHz-13GHz-V



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

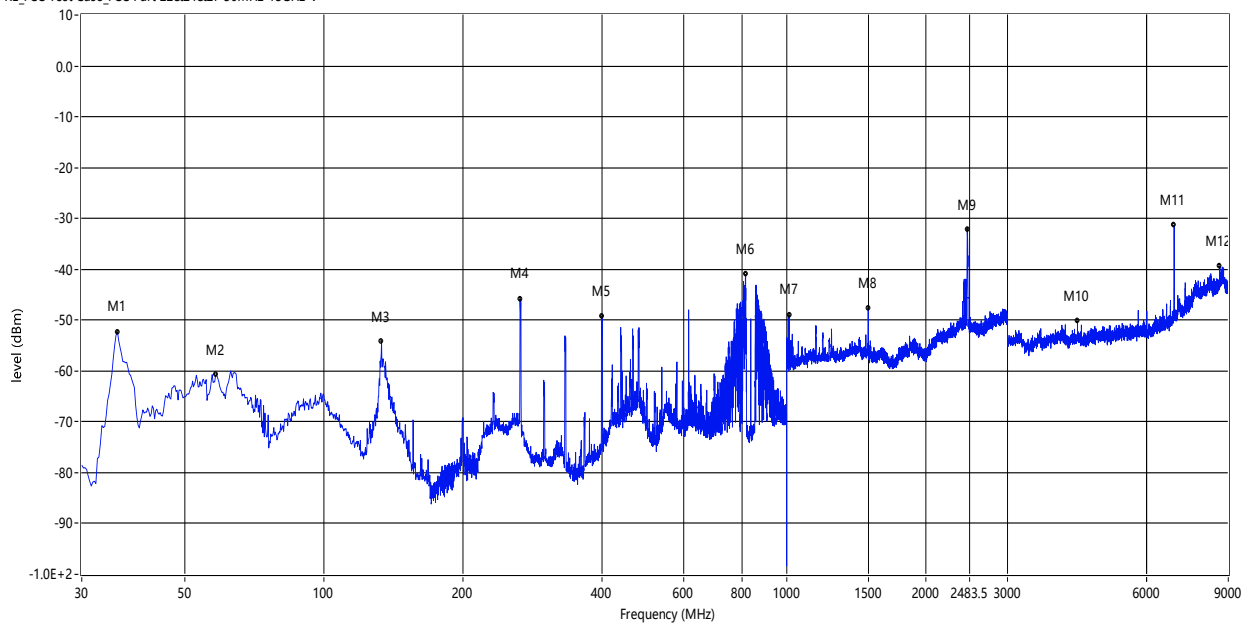


Frequency (MHz)	Result (dBm)	Limit (dBm)	Over Limit (dB)	ANT	Verdict
37.032	-63.26	-13.0	-50.26	Horizontal	Pass
58.858	-61.54	-13.0	-48.54	Horizontal	Pass
133.305	-55.93	-13.0	-42.93	Horizontal	Pass
266.438	-38.10	-13.0	-25.10	Horizontal	Pass
398.358	-41.03	-13.0	-28.03	Horizontal	Pass
816.428	-42.85	-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