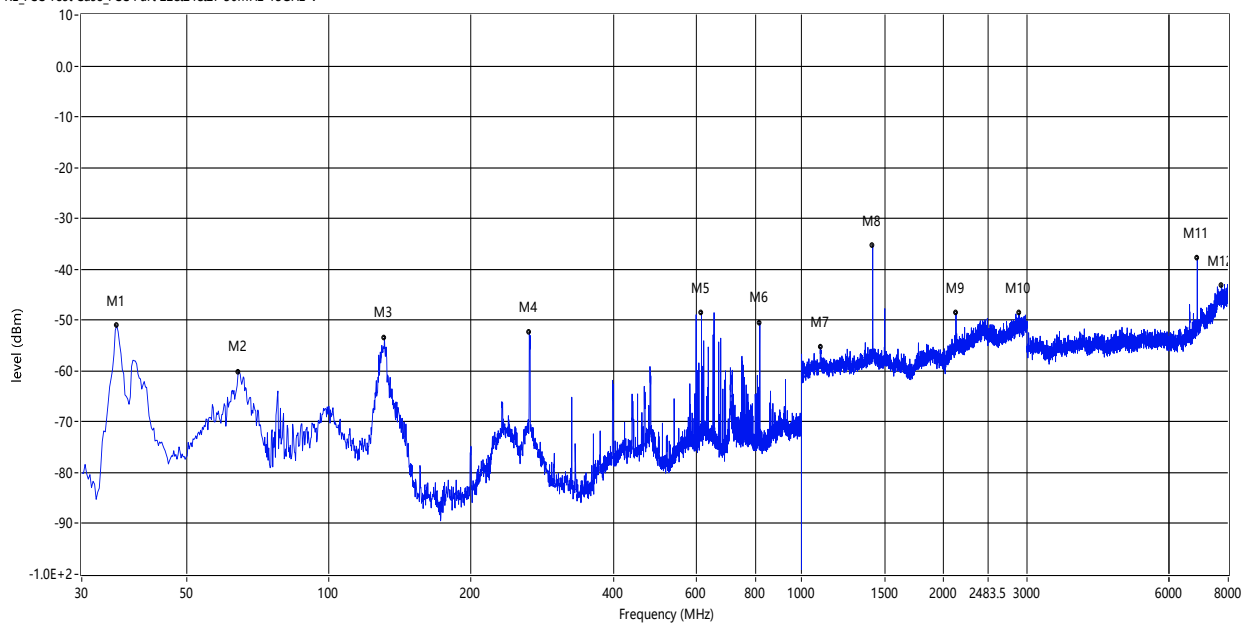




Band 12_QPSK_3.75kHz_1#47_Mid_V

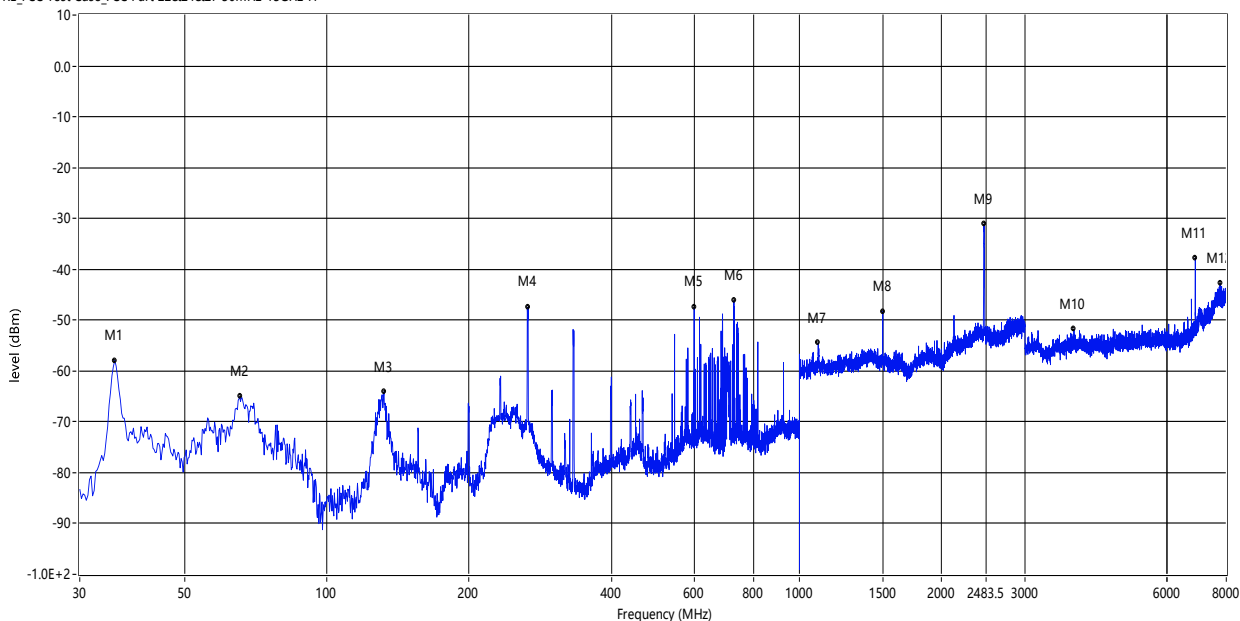
RE_FCC Test Case_FCC Part 22&24&27 30MHz-13GHz-V



Frequency (MHz)	Result (dBm)	Limit (dBm)	Over Limit (dB)	ANT	Verdict
35.578	-51.12	-13.0	-38.12	Vertical	Pass
64.435	-60.20	-13.0	-47.20	Vertical	Pass
131.122	-53.46	-13.0	-40.46	Vertical	Pass
265.468	-52.50	-13.0	-39.50	Vertical	Pass
614.425	-48.58	-13.0	-35.58	Vertical	Pass
816.428	-50.51	-13.0	-37.51	Vertical	Pass
1097.000	-55.32	-13.0	-42.32	Vertical	Pass
1415.000	-35.37	-13.0	-22.37	Vertical	Pass
2122.500	-48.58	-13.0	-35.58	Vertical	Pass
2884.500	-48.67	-13.0	-35.67	Vertical	Pass
6878.750	-37.90	-13.0	-24.90	Vertical	Pass
7747.500	-43.21	-13.0	-30.21	Vertical	Pass

Band 12_QPSK_3.75kHz_1#47_High_H

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

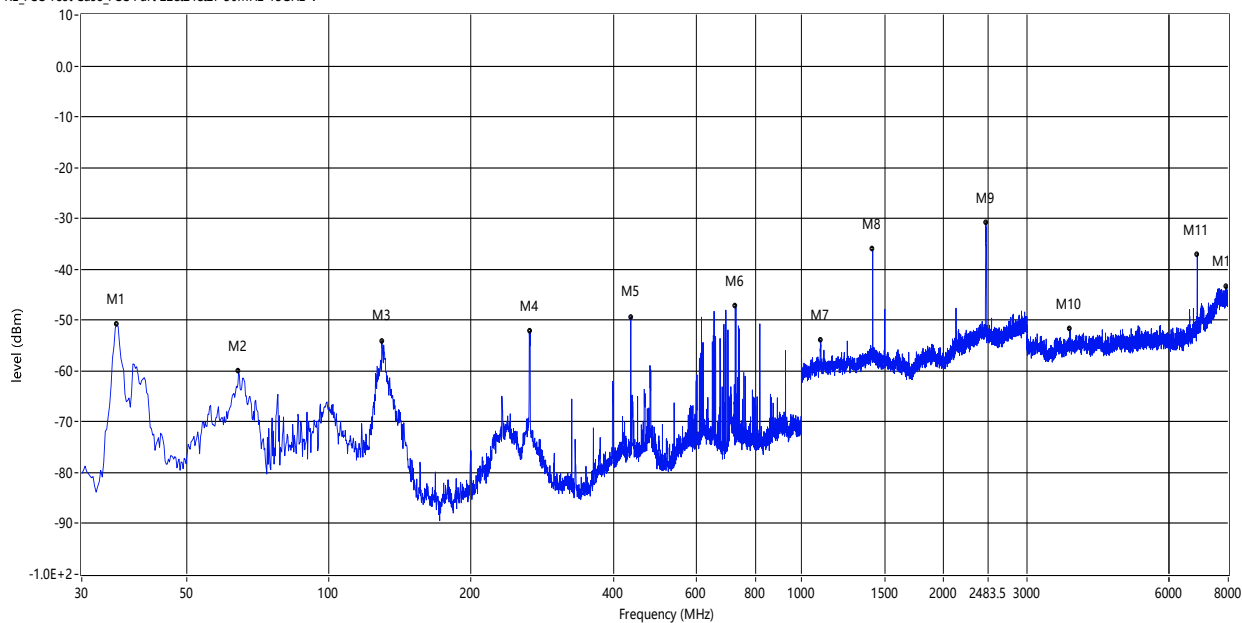


Frequency (MHz)	Result (dBm)	Limit (dBm)	Over Limit (dB)	ANT	Verdict
35.578	-57.92	-13.0	-44.92	Horizontal	Pass
65.405	-65.06	-13.0	-52.06	Horizontal	Pass
132.092	-64.05	-13.0	-51.05	Horizontal	Pass
266.438	-47.40	-13.0	-34.40	Horizontal	Pass
598.662	-47.51	-13.0	-34.51	Horizontal	Pass
726.460	-46.18	-13.0	-33.18	Horizontal	Pass
1095.000	-54.47	-13.0	-41.47	Horizontal	Pass
1500.000	-48.29	-13.0	-35.29	Horizontal	Pass
2457.500	-31.08	-13.0	-18.08	Horizontal	Pass
3808.750	-51.77	-13.0	-38.77	Horizontal	Pass
6877.500	-37.77	-13.0	-24.77	Horizontal	Pass
7760.000	-42.84	-13.0	-29.84	Horizontal	Pass



Band 12_QPSK_3.75kHz_1#47_High_V

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

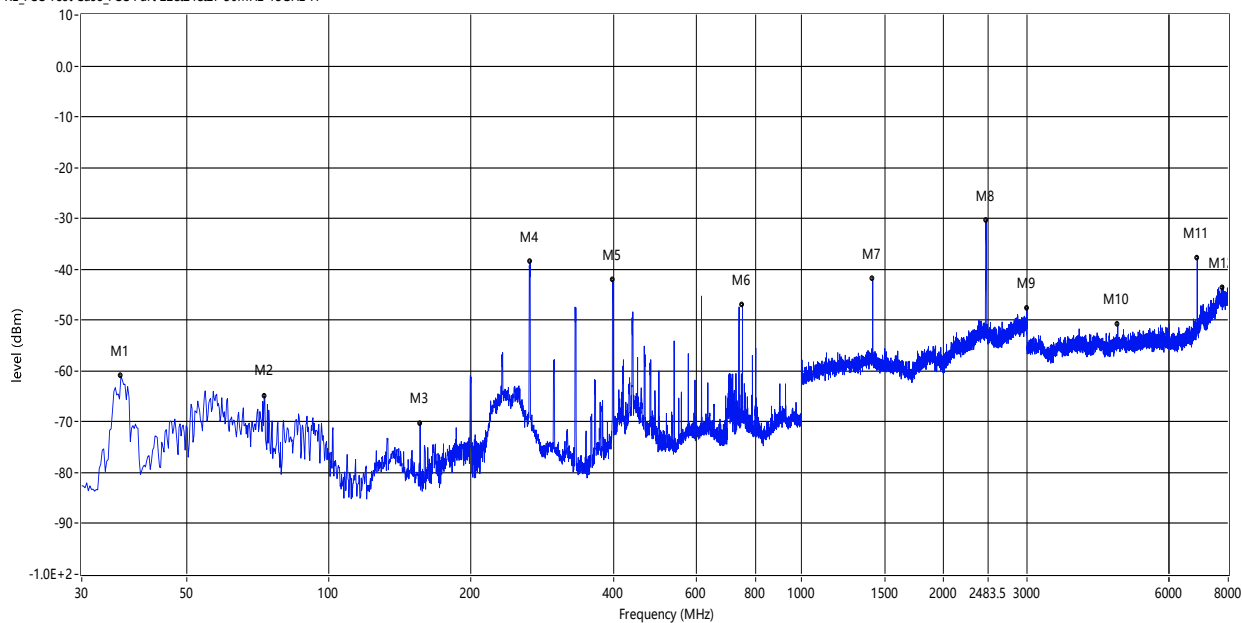


Frequency (MHz)	Result (dBm)	Limit (dBm)	Over Limit (dB)	ANT	Verdict
35.578	-50.93	-13.0	-37.93	Vertical	Pass
64.435	-60.04	-13.0	-47.04	Vertical	Pass
129.425	-54.09	-13.0	-41.09	Vertical	Pass
266.438	-52.18	-13.0	-39.18	Vertical	Pass
435.460	-49.41	-13.0	-36.41	Vertical	Pass
724.035	-47.15	-13.0	-34.15	Vertical	Pass
1097.000	-53.95	-13.0	-40.95	Vertical	Pass
1415.000	-36.08	-13.0	-23.08	Vertical	Pass
2456.500	-30.89	-13.0	-17.89	Vertical	Pass
3701.250	-51.70	-13.0	-38.70	Vertical	Pass
6878.750	-37.12	-13.0	-24.12	Vertical	Pass
7915.000	-43.36	-13.0	-30.36	Vertical	Pass



Band 12_BPSK_15kHz_1#0_Low_H

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

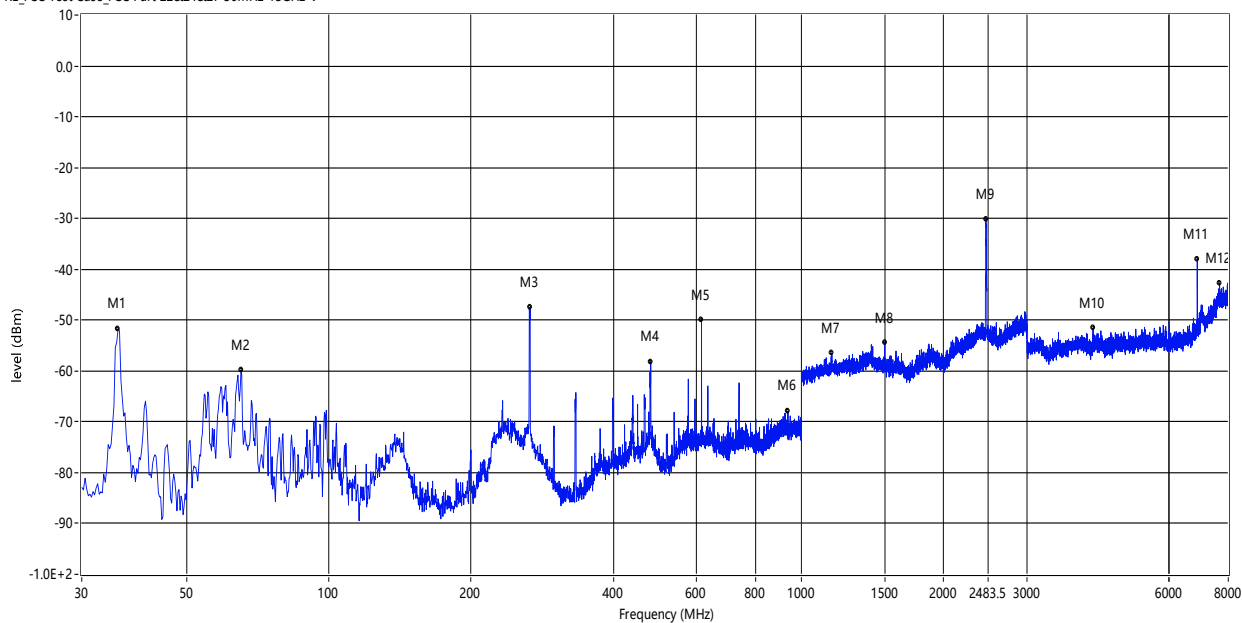


Frequency (MHz)	Result (dBm)	Limit (dBm)	Over Limit (dB)	ANT	Verdict
36.305	-60.99	-13.0	-47.99	Horizontal	Pass
73.165	-64.91	-13.0	-51.91	Horizontal	Pass
155.858	-70.31	-13.0	-57.31	Horizontal	Pass
266.438	-38.53	-13.0	-25.53	Horizontal	Pass
398.358	-42.13	-13.0	-29.13	Horizontal	Pass
749.982	-47.12	-13.0	-34.12	Horizontal	Pass
1415.000	-41.94	-13.0	-28.94	Horizontal	Pass
2456.000	-30.48	-13.0	-17.48	Horizontal	Pass
3000.000	-47.77	-13.0	-34.77	Horizontal	Pass
4670.000	-50.95	-13.0	-37.95	Horizontal	Pass
6876.250	-37.83	-13.0	-24.83	Horizontal	Pass
7776.250	-43.62	-13.0	-30.62	Horizontal	Pass



Band 12_BPSK_15kHz_1#0_Low_V

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

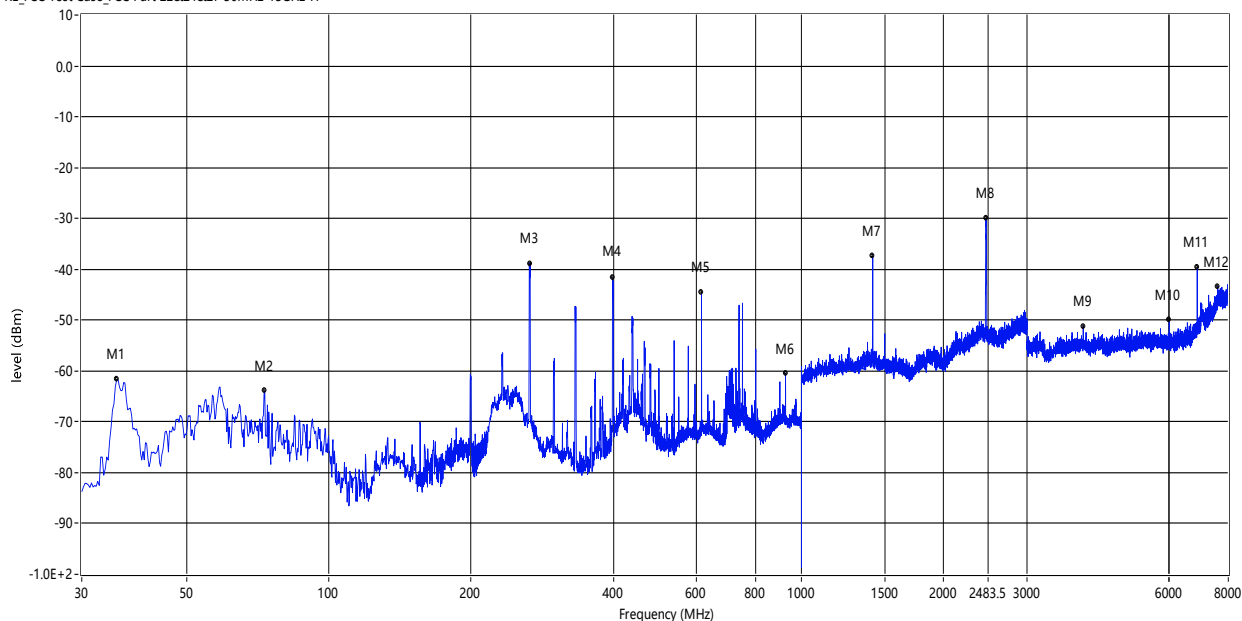


Frequency (MHz)	Result (dBm)	Limit (dBm)	Over Limit (dB)	ANT	Verdict
35.820	-51.66	-13.0	-38.66	Vertical	Pass
65.162	-59.88	-13.0	-46.88	Vertical	Pass
266.438	-47.50	-13.0	-34.50	Vertical	Pass
479.838	-58.16	-13.0	-45.16	Vertical	Pass
614.425	-50.05	-13.0	-37.05	Vertical	Pass
936.222	-67.95	-13.0	-54.95	Vertical	Pass
1159.500	-56.51	-13.0	-43.51	Vertical	Pass
1500.500	-54.43	-13.0	-41.43	Vertical	Pass
2456.500	-30.18	-13.0	-17.18	Vertical	Pass
4138.750	-51.61	-13.0	-38.61	Vertical	Pass
6877.500	-38.08	-13.0	-25.08	Vertical	Pass
7668.750	-42.83	-13.0	-29.83	Vertical	Pass



Band 12_BPSK_15kHz_1#0_Mid_H

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

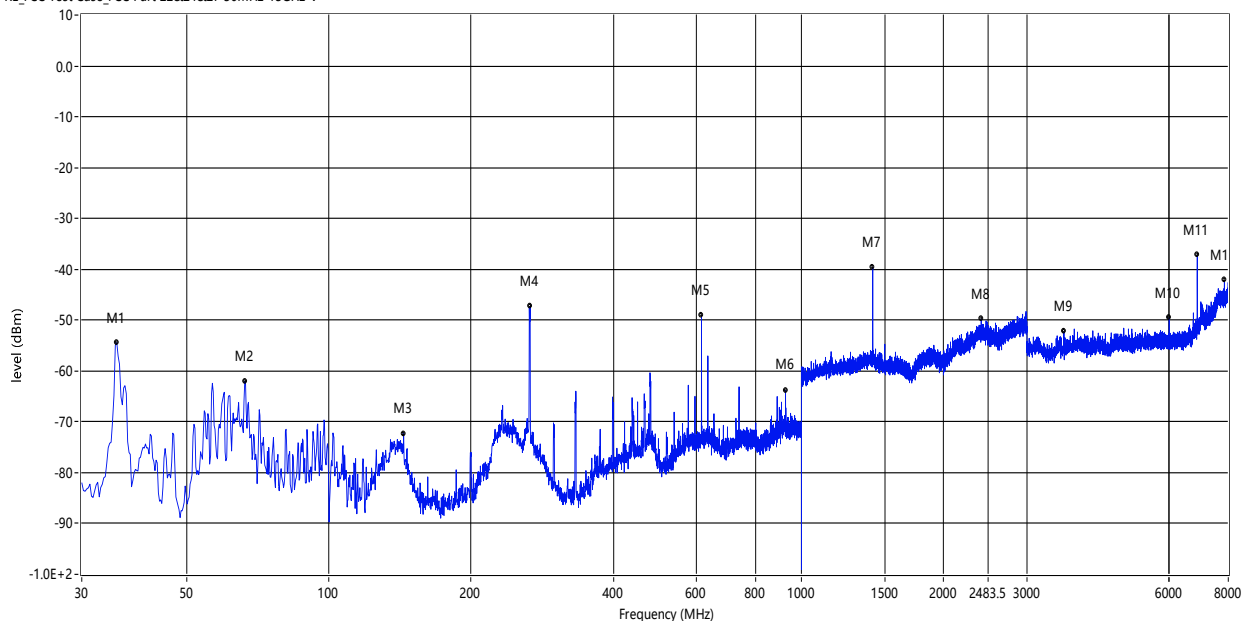


Frequency (MHz)	Result (dBm)	Limit (dBm)	Over Limit (dB)	ANT	Verdict
35.578	-61.70	-13.0	-48.70	Horizontal	Pass
73.165	-63.91	-13.0	-50.91	Horizontal	Pass
266.438	-38.84	-13.0	-25.84	Horizontal	Pass
398.358	-41.67	-13.0	-28.67	Horizontal	Pass
614.425	-44.56	-13.0	-31.56	Horizontal	Pass
925.310	-60.52	-13.0	-47.52	Horizontal	Pass
1415.000	-37.35	-13.0	-24.35	Horizontal	Pass
2456.000	-30.00	-13.0	-17.00	Horizontal	Pass
3946.250	-51.18	-13.0	-38.18	Horizontal	Pass
6000.000	-49.93	-13.0	-36.93	Horizontal	Pass
6876.250	-39.60	-13.0	-26.60	Horizontal	Pass
7600.000	-43.32	-13.0	-30.32	Horizontal	Pass



Band 12_BPSK_15kHz_1#0_Mid_V

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

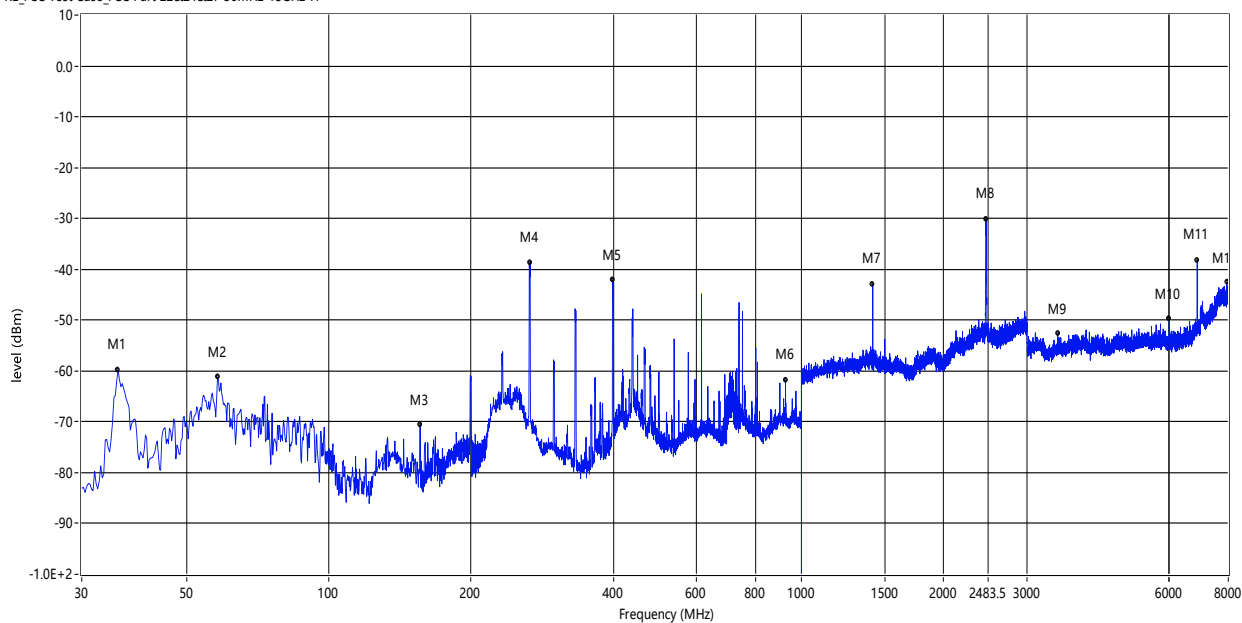


Frequency (MHz)	Result (dBm)	Limit (dBm)	Over Limit (dB)	ANT	Verdict
35.578	-54.43	-13.0	-41.43	Vertical	Pass
66.375	-62.01	-13.0	-49.01	Vertical	Pass
143.975	-72.29	-13.0	-59.29	Vertical	Pass
266.438	-47.26	-13.0	-34.26	Vertical	Pass
614.425	-49.09	-13.0	-36.09	Vertical	Pass
925.310	-63.80	-13.0	-50.80	Vertical	Pass
1415.000	-39.58	-13.0	-26.58	Vertical	Pass
2400.500	-49.75	-13.0	-36.75	Vertical	Pass
3591.250	-52.26	-13.0	-39.26	Vertical	Pass
6000.000	-49.46	-13.0	-36.46	Vertical	Pass
6877.500	-37.21	-13.0	-24.21	Vertical	Pass
7848.750	-42.17	-13.0	-29.17	Vertical	Pass



Band 12_BPSK_15kHz_1#0_High_H

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

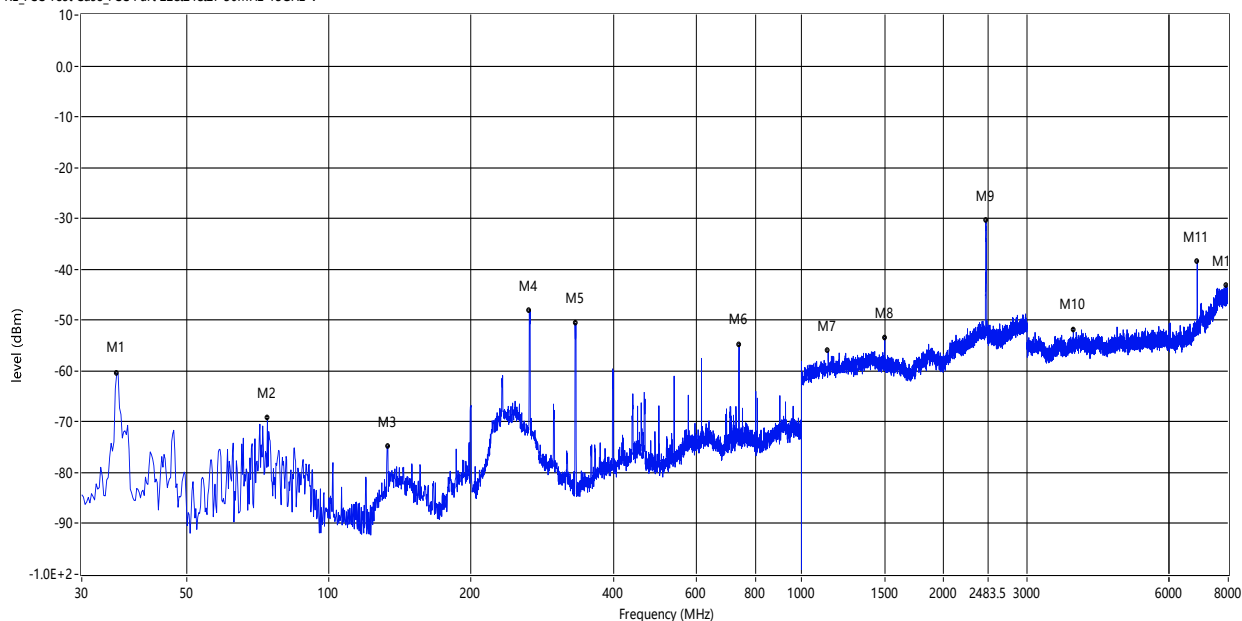


Frequency (MHz)	Result (dBm)	Limit (dBm)	Over Limit (dB)	ANT	Verdict
35.820	-59.74	-13.0	-46.74	Horizontal	Pass
58.130	-61.18	-13.0	-48.18	Horizontal	Pass
155.858	-70.56	-13.0	-57.56	Horizontal	Pass
266.438	-38.61	-13.0	-25.61	Horizontal	Pass
398.358	-42.07	-13.0	-29.07	Horizontal	Pass
925.310	-61.78	-13.0	-48.78	Horizontal	Pass
1415.500	-42.88	-13.0	-29.88	Horizontal	Pass
2456.000	-30.08	-13.0	-17.08	Horizontal	Pass
3485.000	-52.73	-13.0	-39.73	Horizontal	Pass
6001.250	-49.83	-13.0	-36.83	Horizontal	Pass
6876.250	-38.16	-13.0	-25.16	Horizontal	Pass
7943.750	-42.55	-13.0	-29.55	Horizontal	Pass



Band 12_BPSK_15kHz_1#0_High_V

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

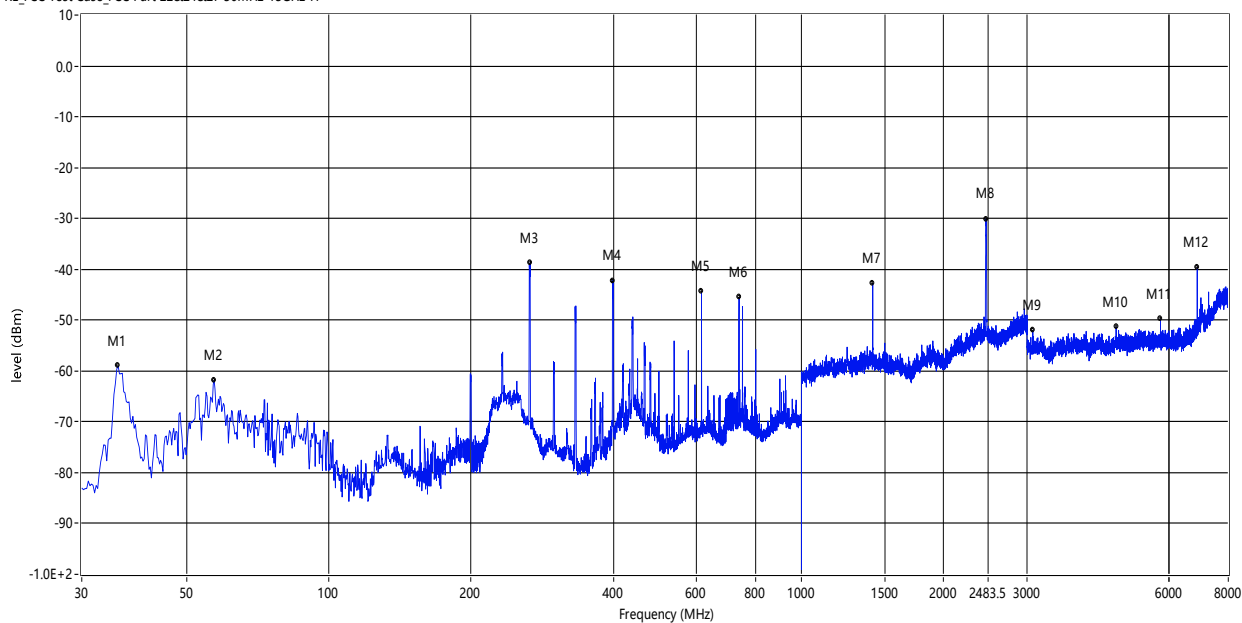


Frequency (MHz)	Result (dBm)	Limit (dBm)	Over Limit (dB)	ANT	Verdict
35.578	-60.43	-13.0	-47.43	Vertical	Pass
74.135	-69.34	-13.0	-56.34	Vertical	Pass
133.305	-74.82	-13.0	-61.82	Vertical	Pass
265.468	-48.10	-13.0	-35.10	Vertical	Pass
333.125	-50.66	-13.0	-37.66	Vertical	Pass
737.615	-54.80	-13.0	-41.80	Vertical	Pass
1138.500	-56.07	-13.0	-43.07	Vertical	Pass
1500.000	-53.50	-13.0	-40.50	Vertical	Pass
2455.500	-30.47	-13.0	-17.47	Vertical	Pass
3761.250	-51.89	-13.0	-38.89	Horizontal	Pass
6877.500	-38.43	-13.0	-25.43	Horizontal	Pass
7911.250	-43.16	-13.0	-30.16	Horizontal	Pass



Band 12_BPSK_15kHz_1#11_Low_H

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

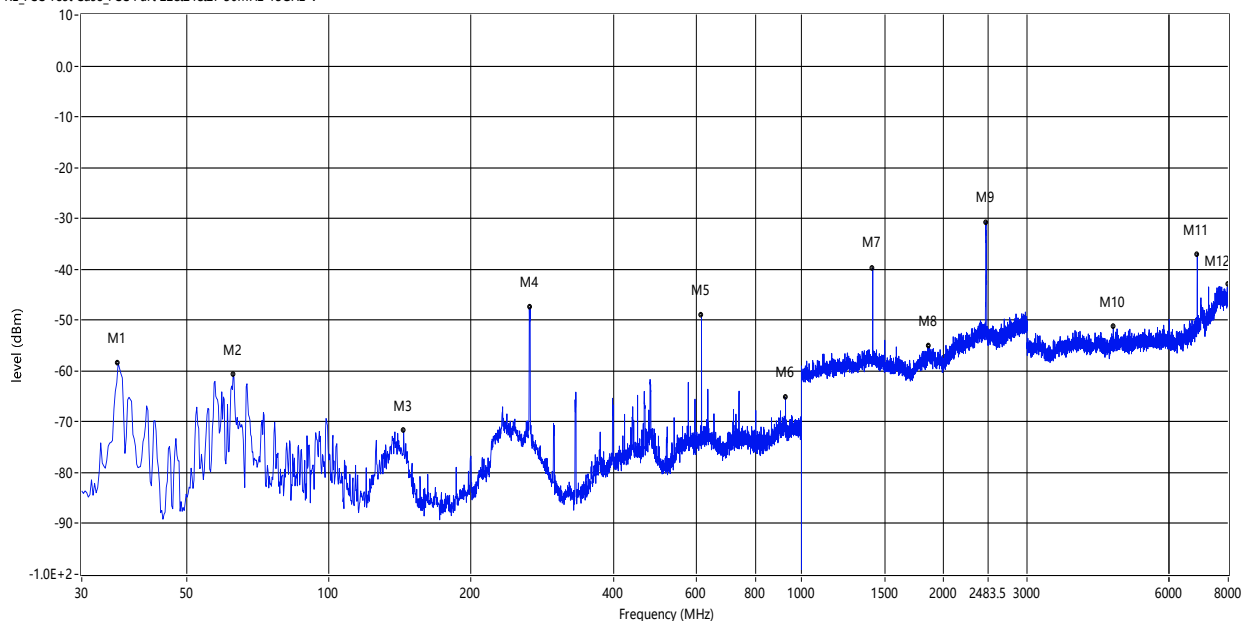


Frequency (MHz)	Result (dBm)	Limit (dBm)	Over Limit (dB)	ANT	Verdict
35.820	-59.02	-13.0	-46.02	Horizontal	Pass
57.160	-61.81	-13.0	-48.81	Horizontal	Pass
266.438	-38.74	-13.0	-25.74	Horizontal	Pass
398.358	-42.22	-13.0	-29.22	Horizontal	Pass
614.425	-44.42	-13.0	-31.42	Horizontal	Pass
737.615	-45.48	-13.0	-32.48	Horizontal	Pass
1415.500	-42.73	-13.0	-29.73	Horizontal	Pass
2456.000	-30.08	-13.0	-17.08	Horizontal	Pass
3086.250	-52.01	-13.0	-39.01	Horizontal	Pass
4631.250	-51.34	-13.0	-38.34	Horizontal	Pass
5750.000	-49.82	-13.0	-36.82	Horizontal	Pass
6876.250	-39.57	-13.0	-26.57	Horizontal	Pass



Band 12_BPSK_15kHz_1#11_Low_V

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

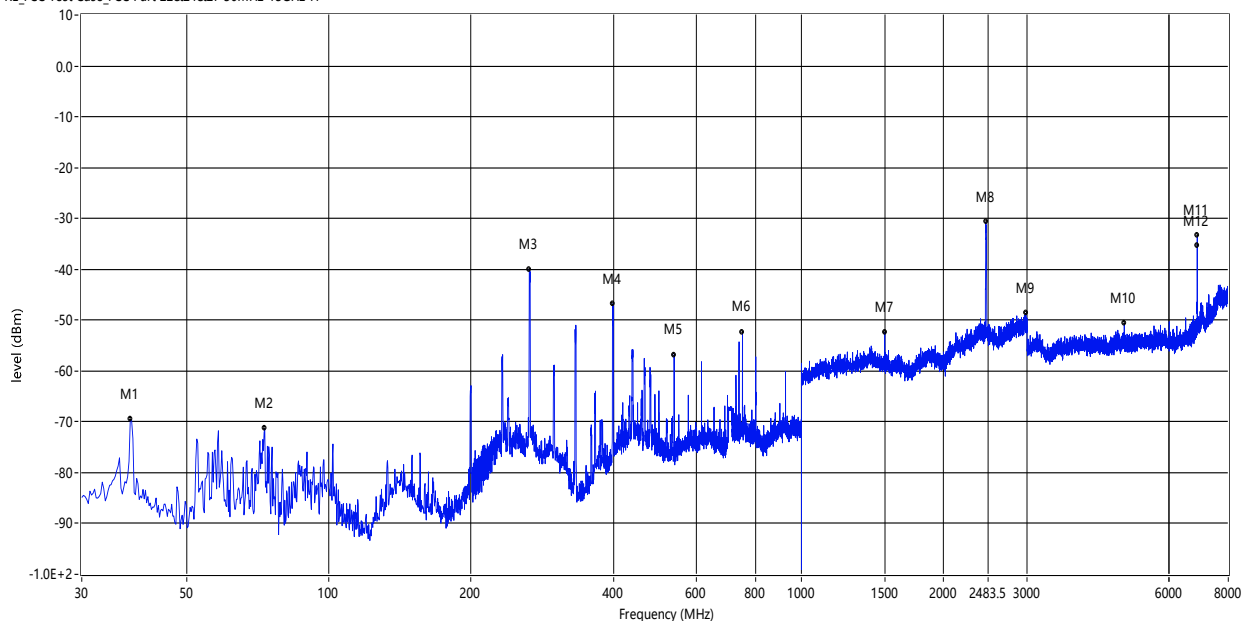


Frequency (MHz)	Result (dBm)	Limit (dBm)	Over Limit (dB)	ANT	Verdict
35.820	-58.44	-13.0	-45.44	Vertical	Pass
62.737	-60.83	-13.0	-47.83	Vertical	Pass
143.975	-71.82	-13.0	-58.82	Vertical	Pass
266.438	-47.54	-13.0	-34.54	Vertical	Pass
614.425	-49.10	-13.0	-36.10	Vertical	Pass
925.310	-65.22	-13.0	-52.22	Vertical	Pass
1415.500	-39.73	-13.0	-26.73	Vertical	Pass
1863.500	-55.21	-13.0	-42.21	Vertical	Pass
2456.500	-30.76	-13.0	-17.76	Vertical	Pass
4567.500	-51.38	-13.0	-38.38	Vertical	Pass
6877.500	-37.13	-13.0	-24.13	Vertical	Pass
7997.500	-43.01	-13.0	-30.01	Vertical	Pass



Band 12_BPSK_15kHz_1#11_Mid_H

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

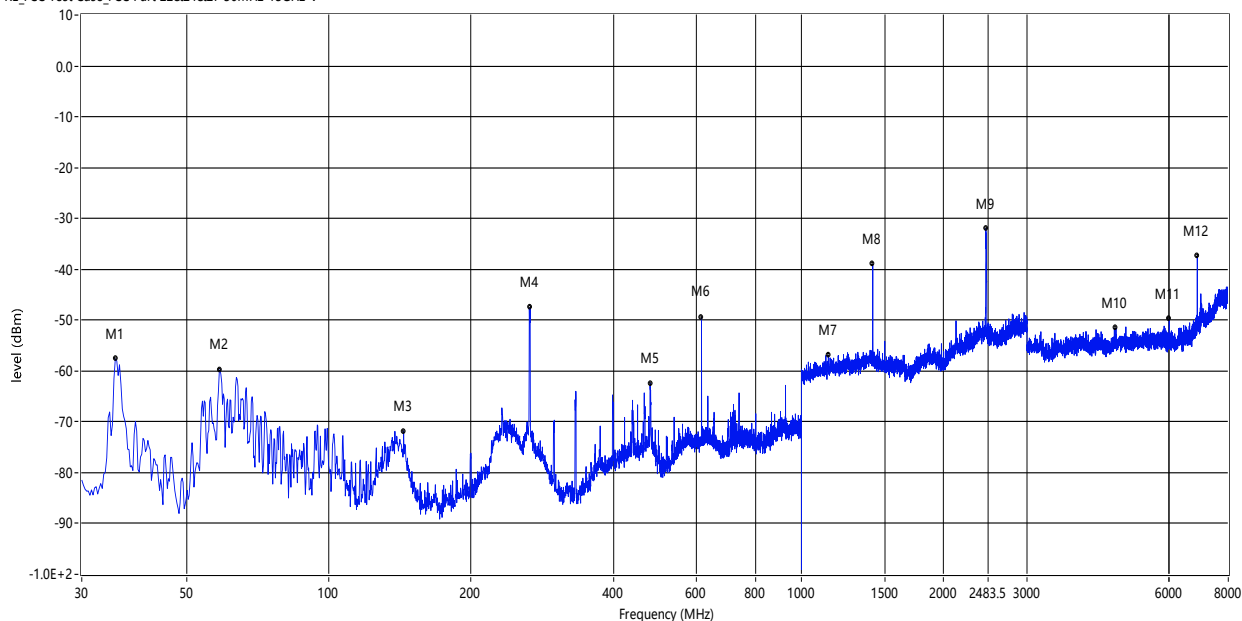


Frequency (MHz)	Result (dBm)	Limit (dBm)	Over Limit (dB)	ANT	Verdict
38.002	-69.55	-13.0	-56.55	Horizontal	Pass
73.165	-71.35	-13.0	-58.35	Horizontal	Pass
265.468	-39.95	-13.0	-26.95	Horizontal	Pass
398.358	-46.80	-13.0	-33.80	Horizontal	Pass
537.553	-56.80	-13.0	-43.80	Horizontal	Pass
749.982	-52.30	-13.0	-39.30	Horizontal	Pass
1500.000	-52.44	-13.0	-39.44	Horizontal	Pass
2456.000	-30.72	-13.0	-17.72	Horizontal	Pass
2983.500	-48.64	-13.0	-35.64	Horizontal	Pass
4818.750	-50.65	-13.0	-37.65	Horizontal	Pass
6876.250	-33.44	-13.0	-20.44	Horizontal	Pass
6875.000	-35.43	-13.0	-22.43	Horizontal	Pass



Band 12_BPSK_15kHz_1#11_Mid_V

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

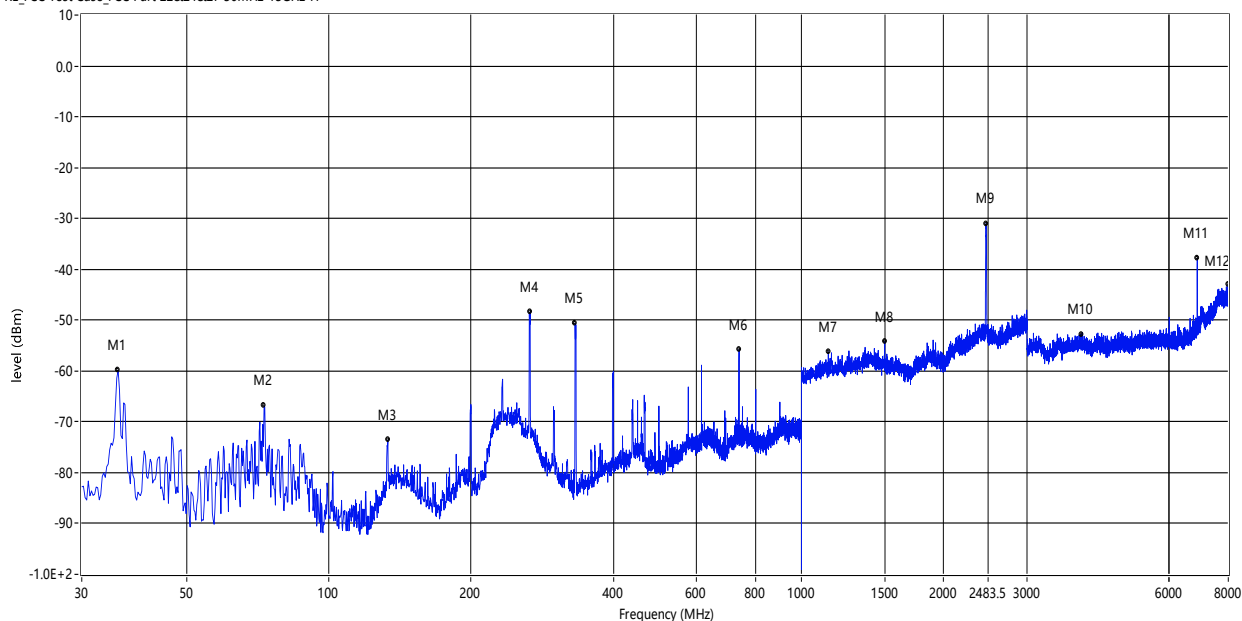


Frequency (MHz)	Result (dBm)	Limit (dBm)	Over Limit (dB)	ANT	Verdict
35.335	-57.62	-13.0	-44.62	Vertical	Pass
58.858	-59.72	-13.0	-46.72	Vertical	Pass
143.975	-71.83	-13.0	-58.83	Vertical	Pass
266.438	-47.54	-13.0	-34.54	Vertical	Pass
479.110	-62.43	-13.0	-49.43	Vertical	Pass
614.425	-49.44	-13.0	-36.44	Vertical	Pass
1139.500	-56.92	-13.0	-43.92	Vertical	Pass
1415.000	-39.03	-13.0	-26.03	Vertical	Pass
2456.000	-31.94	-13.0	-18.94	Vertical	Pass
4627.500	-51.53	-13.0	-38.53	Vertical	Pass
6000.000	-49.77	-13.0	-36.77	Vertical	Pass
6878.750	-37.37	-13.0	-24.37	Vertical	Pass



Band 12_BPSK_15kHz_1#11_High_H

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

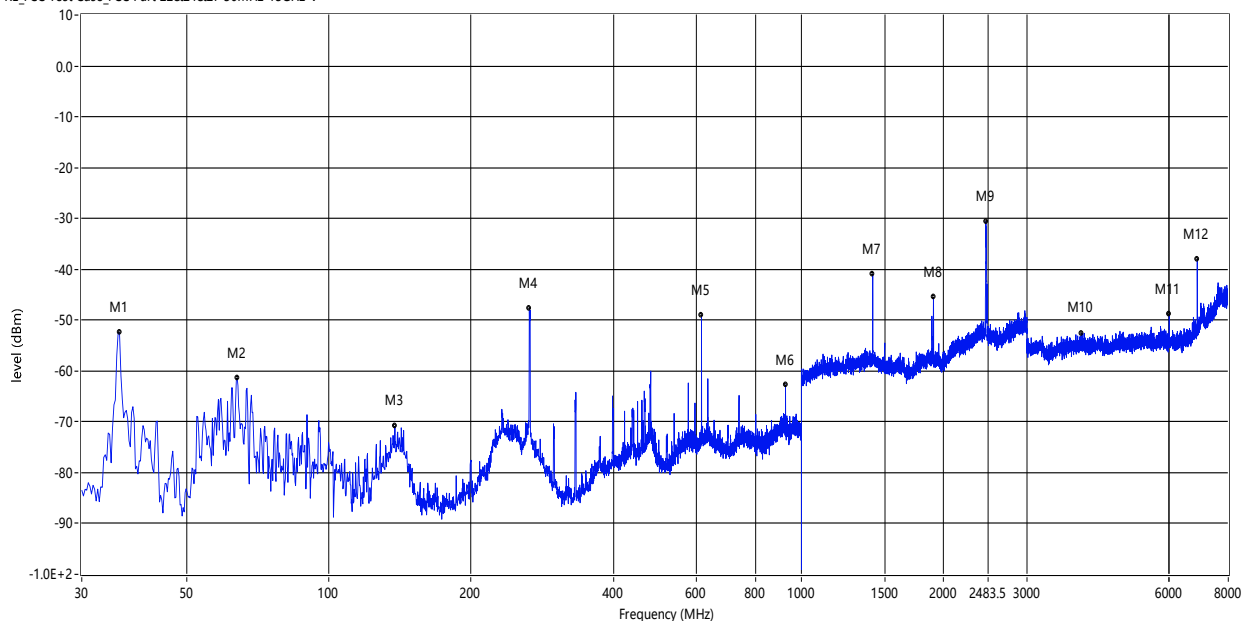


Frequency (MHz)	Result (dBm)	Limit (dBm)	Over Limit (dB)	ANT	Verdict
35.820	-59.83	-13.0	-46.83	Horizontal	Pass
72.923	-66.83	-13.0	-53.83	Horizontal	Pass
133.305	-73.59	-13.0	-60.59	Horizontal	Pass
266.438	-48.39	-13.0	-35.39	Horizontal	Pass
331.913	-50.64	-13.0	-37.64	Horizontal	Pass
737.615	-55.81	-13.0	-42.81	Horizontal	Pass
1139.500	-56.21	-13.0	-43.21	Horizontal	Pass
1500.000	-54.21	-13.0	-41.21	Horizontal	Pass
2456.000	-31.02	-13.0	-18.02	Horizontal	Pass
3903.750	-52.78	-13.0	-39.78	Horizontal	Pass
6876.250	-37.82	-13.0	-24.82	Horizontal	Pass
7996.250	-42.95	-13.0	-29.95	Horizontal	Pass



Band 12_BPSK_15kHz_1#11_High_V

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

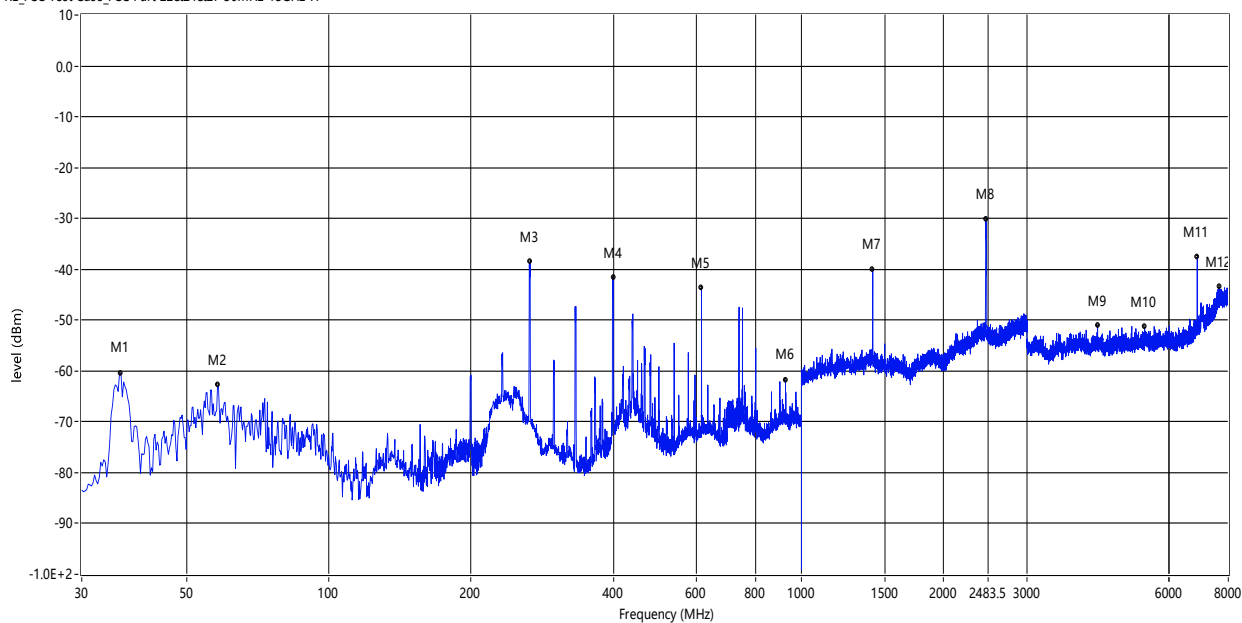


Frequency (MHz)	Result (dBm)	Limit (dBm)	Over Limit (dB)	ANT	Verdict
36.062	-52.46	-13.0	-39.46	Vertical	Pass
63.950	-61.41	-13.0	-48.41	Vertical	Pass
137.913	-70.89	-13.0	-57.89	Vertical	Pass
265.468	-47.70	-13.0	-34.70	Vertical	Pass
614.425	-49.11	-13.0	-36.11	Vertical	Pass
925.310	-62.74	-13.0	-49.74	Vertical	Pass
1415.000	-40.96	-13.0	-27.96	Vertical	Pass
1902.500	-45.55	-13.0	-32.55	Vertical	Pass
2456.000	-30.57	-13.0	-17.57	Vertical	Pass
3916.250	-52.57	-13.0	-39.57	Vertical	Pass
6000.000	-48.88	-13.0	-35.88	Vertical	Pass
6876.250	-38.02	-13.0	-25.02	Vertical	Pass



Band 12_QPSK_15kHz_12#0_Low_H

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

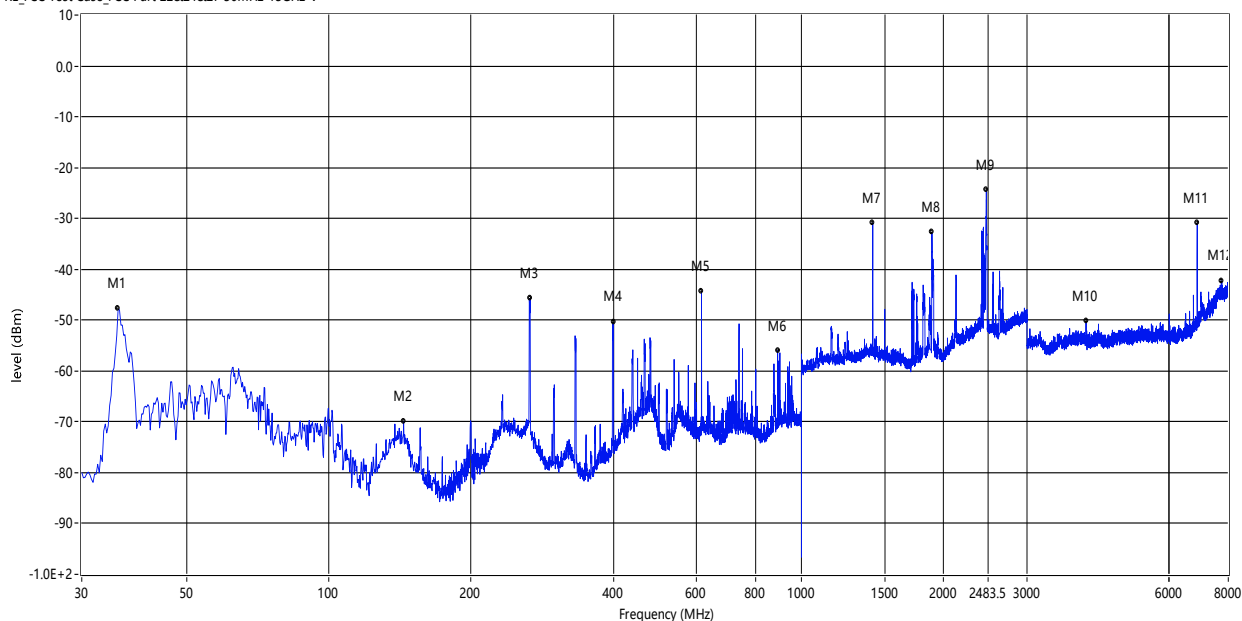


Frequency (MHz)	Result (dBm)	Limit (dBm)	Over Limit (dB)	ANT	Verdict
36.305	-60.42	-13.0	-47.42	Horizontal	Pass
58.373	-62.70	-13.0	-49.70	Horizontal	Pass
266.438	-38.59	-13.0	-25.59	Horizontal	Pass
399.813	-41.68	-13.0	-28.68	Horizontal	Pass
614.425	-43.70	-13.0	-30.70	Horizontal	Pass
925.310	-61.75	-13.0	-48.75	Horizontal	Pass
1415.500	-39.99	-13.0	-26.99	Horizontal	Pass
2456.000	-30.27	-13.0	-17.27	Horizontal	Pass
4232.500	-51.04	-13.0	-38.04	Horizontal	Pass
5323.750	-51.38	-13.0	-38.38	Horizontal	Pass
6876.250	-37.61	-13.0	-24.61	Horizontal	Pass
7650.000	-43.49	-13.0	-30.49	Horizontal	Pass



Band 12_QPSK_15kHz_12#0_Low_V

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

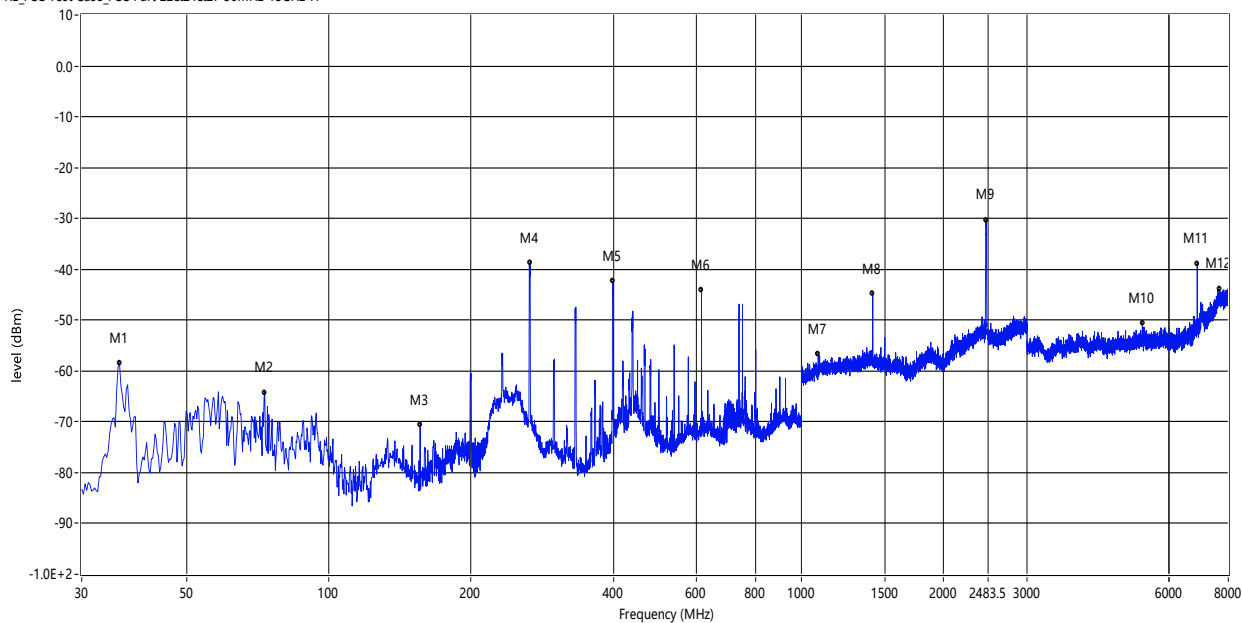


Frequency (MHz)	Result (dBm)	Limit (dBm)	Over Limit (dB)	ANT	Verdict
35.820	-47.80	-13.0	-34.80	Vertical	Pass
143.975	-69.92	-13.0	-56.92	Vertical	Pass
266.438	-45.77	-13.0	-32.77	Vertical	Pass
399.813	-50.47	-13.0	-37.47	Vertical	Pass
614.425	-44.39	-13.0	-31.39	Vertical	Pass
890.390	-55.99	-13.0	-42.99	Vertical	Pass
1415.000	-30.86	-13.0	-17.86	Vertical	Pass
1888.500	-32.74	-13.0	-19.74	Vertical	Pass
2460.500	-24.43	-13.0	-11.43	Vertical	Pass
4000.000	-50.27	-13.0	-37.27	Vertical	Pass
6876.250	-30.93	-13.0	-17.93	Vertical	Pass
7733.750	-42.26	-13.0	-29.26	Vertical	Pass



Band 12_QPSK_15kHz_12#0_Mid_H

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

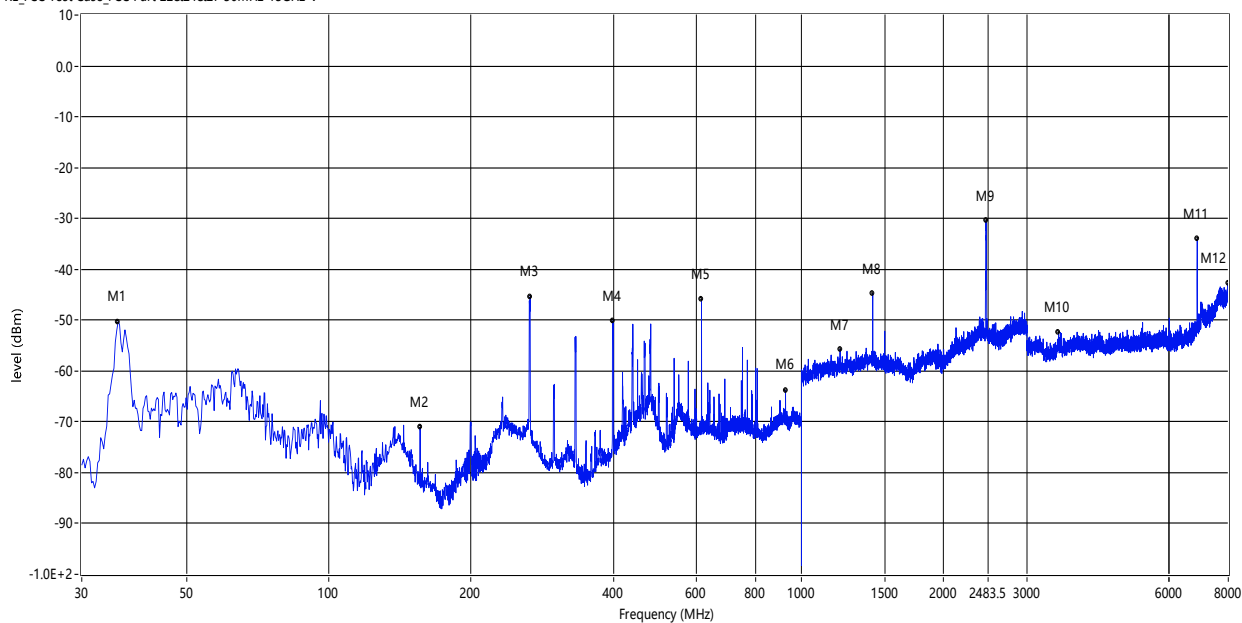


Frequency (MHz)	Result (dBm)	Limit (dBm)	Over Limit (dB)	ANT	Verdict
36.062	-58.51	-13.0	-45.51	Horizontal	Pass
73.165	-64.20	-13.0	-51.20	Horizontal	Pass
155.858	-70.59	-13.0	-57.59	Horizontal	Pass
266.438	-38.81	-13.0	-25.81	Horizontal	Pass
398.358	-42.32	-13.0	-29.32	Horizontal	Pass
614.425	-44.18	-13.0	-31.18	Horizontal	Pass
1085.000	-56.63	-13.0	-43.63	Horizontal	Pass
1415.500	-44.86	-13.0	-31.86	Horizontal	Pass
2456.000	-30.32	-13.0	-17.32	Horizontal	Pass
5263.750	-50.64	-13.0	-37.64	Horizontal	Pass
6876.250	-38.95	-13.0	-25.95	Horizontal	Pass
7648.750	-43.96	-13.0	-30.96	Horizontal	Pass



Band 12_QPSK_15kHz_12#0_Mid_V

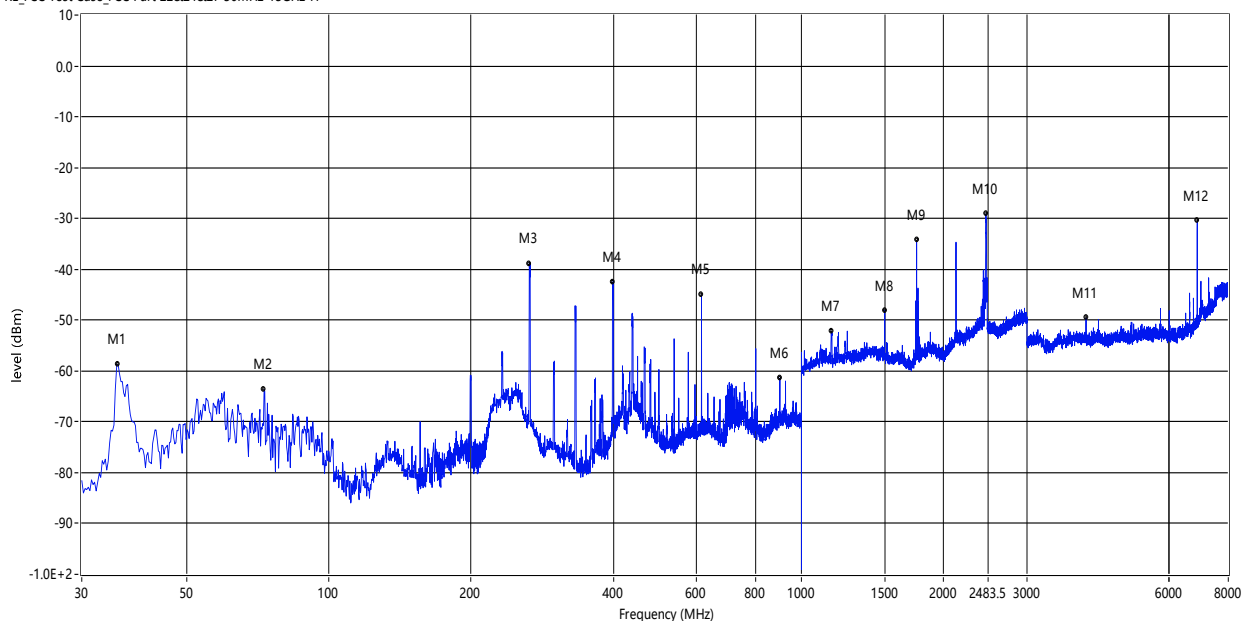
RE_FCC Test Case_FCC Part 22&24&27 30MHz-13GHz-V



Frequency (MHz)	Result (dBm)	Limit (dBm)	Over Limit (dB)	ANT	Verdict
35.820	-50.30	-13.0	-37.30	Vertical	Pass
155.858	-71.07	-13.0	-58.07	Vertical	Pass
266.438	-45.39	-13.0	-32.39	Vertical	Pass
398.358	-50.15	-13.0	-37.15	Vertical	Pass
614.425	-45.86	-13.0	-32.86	Vertical	Pass
925.310	-63.80	-13.0	-50.80	Vertical	Pass
1207.000	-55.74	-13.0	-42.74	Vertical	Pass
1415.000	-44.75	-13.0	-31.75	Vertical	Pass
2456.000	-30.44	-13.0	-17.44	Vertical	Pass
3498.750	-52.43	-13.0	-39.43	Vertical	Pass
6875.000	-34.04	-13.0	-21.04	Vertical	Pass
7985.000	-42.86	-13.0	-29.86	Vertical	Pass

Band 12_QPSK_15kHz_12#0_High_H

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

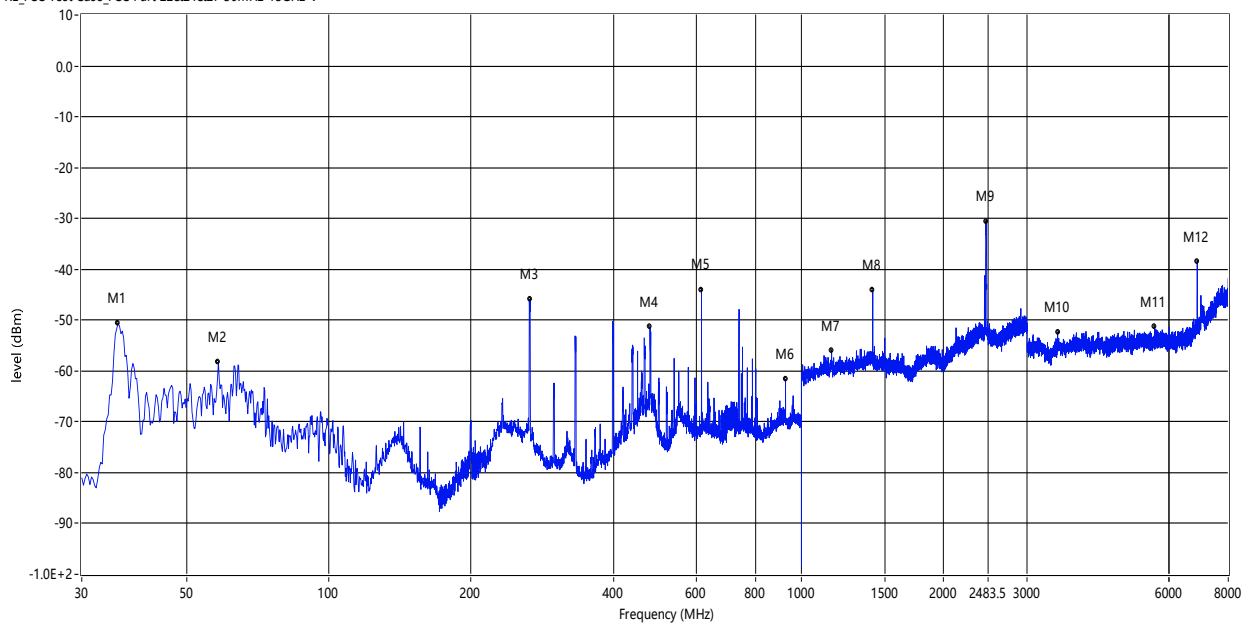


Frequency (MHz)	Result (dBm)	Limit (dBm)	Over Limit (dB)	ANT	Verdict
35.820	-58.74	-13.0	-45.74	Horizontal	Pass
72.923	-63.64	-13.0	-50.64	Horizontal	Pass
265.468	-38.84	-13.0	-25.84	Horizontal	Pass
398.358	-42.52	-13.0	-29.52	Horizontal	Pass
614.425	-45.07	-13.0	-32.07	Horizontal	Pass
900.090	-61.37	-13.0	-48.37	Horizontal	Pass
1158.000	-52.27	-13.0	-39.27	Horizontal	Pass
1500.000	-48.04	-13.0	-35.04	Horizontal	Pass
1752.500	-34.31	-13.0	-21.31	Horizontal	Pass
2456.500	-29.16	-13.0	-16.16	Horizontal	Pass
4000.000	-49.56	-13.0	-36.56	Horizontal	Pass
6876.250	-30.49	-13.0	-17.49	Horizontal	Pass



Band 12_QPSK_15kHz_12#0_High_V

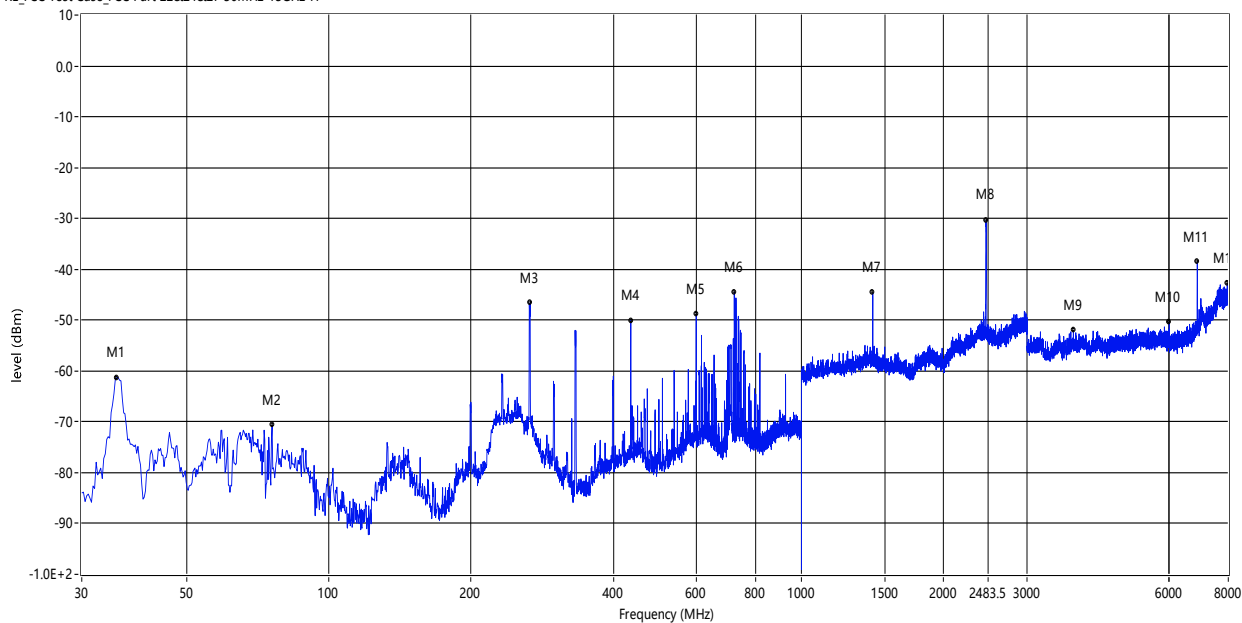
RE_FCC Test Case_FCC Part 22&24&27 30MHz-13GHz-V



Frequency (MHz)	Result (dBm)	Limit (dBm)	Over Limit (dB)	ANT	Verdict
35.820	-50.61	-13.0	-37.61	Vertical	Pass
58.373	-58.22	-13.0	-45.22	Vertical	Pass
266.438	-45.88	-13.0	-32.88	Vertical	Pass
477.898	-51.32	-13.0	-38.32	Vertical	Pass
614.425	-44.01	-13.0	-31.01	Vertical	Pass
925.310	-61.65	-13.0	-48.65	Vertical	Pass
1158.000	-55.97	-13.0	-42.97	Vertical	Pass
1415.500	-44.18	-13.0	-31.18	Vertical	Pass
2456.000	-30.54	-13.0	-17.54	Vertical	Pass
3483.750	-52.43	-13.0	-39.43	Vertical	Pass
5592.500	-51.28	-13.0	-38.28	Vertical	Pass
6876.250	-38.46	-13.0	-25.46	Vertical	Pass

Band 13_QPSK_3.75kHz_1#0_Low_H

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

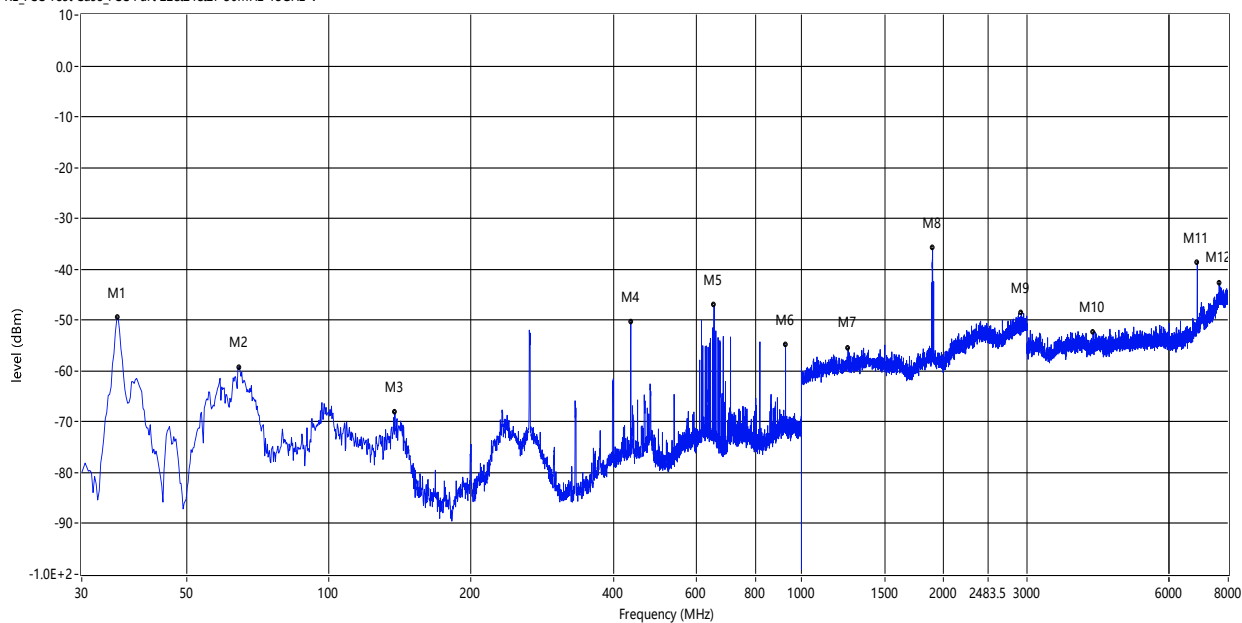


Frequency (MHz)	Result (dBm)	Limit (dBm)	Over Limit (dB)	ANT	Verdict
35.578	-61.28	-13.0	-48.28	Horizontal	Pass
75.832	-70.63	-13.0	-57.63	Horizontal	Pass
266.438	-46.62	-13.0	-33.62	Horizontal	Pass
435.460	-50.05	-13.0	-37.05	Horizontal	Pass
598.905	-48.82	-13.0	-35.82	Horizontal	Pass
709.970	-31.83	-13.0	-18.83	Horizontal	Pass
1415.500	-44.61	-13.0	-31.61	Horizontal	Pass
2459.000	-30.31	-13.0	-17.31	Horizontal	Pass
3761.250	-51.98	-13.0	-38.98	Horizontal	Pass
6000.000	-50.34	-13.0	-37.34	Horizontal	Pass
6878.750	-38.53	-13.0	-25.53	Horizontal	Pass
7960.000	-42.80	-13.0	-29.80	Horizontal	Pass



Band 13_QPSK_3.75kHz_1#0_Low_V

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

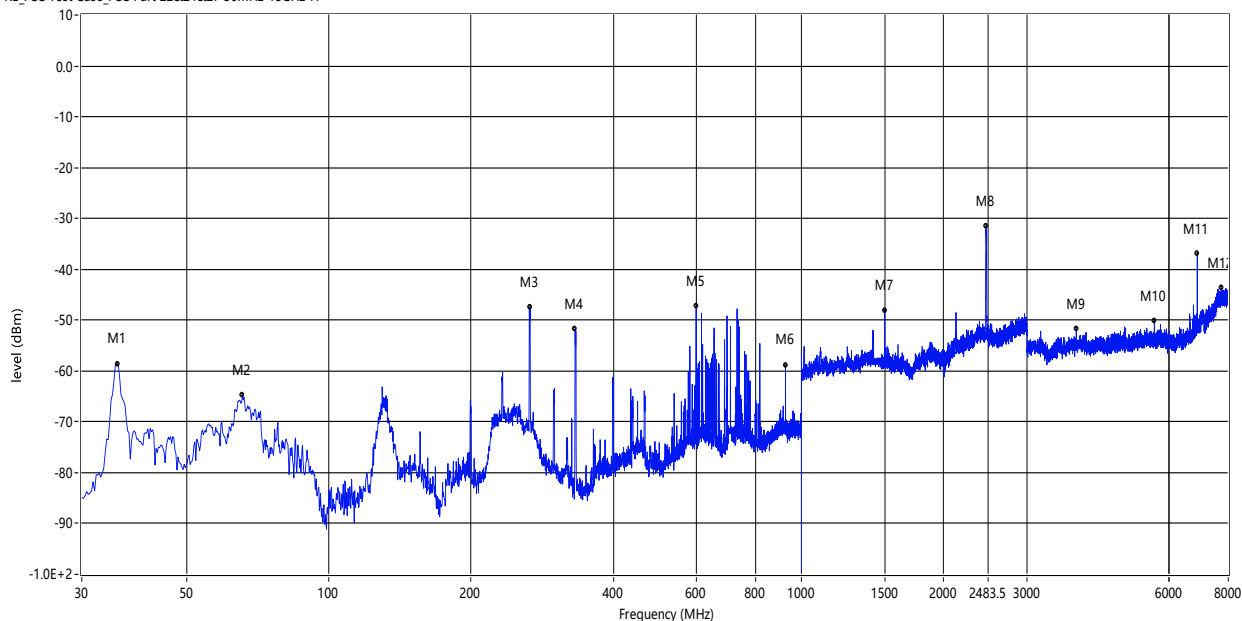


Frequency (MHz)	Result (dBm)	Limit (dBm)	Over Limit (dB)	ANT	Verdict
35.820	-49.53	-13.0	-36.53	Vertical	Pass
64.677	-59.27	-13.0	-46.27	Vertical	Pass
137.913	-68.13	-13.0	-55.13	Vertical	Pass
435.460	-50.31	-13.0	-37.31	Vertical	Pass
653.225	-47.01	-13.0	-34.01	Vertical	Pass
925.310	-54.85	-13.0	-41.85	Vertical	Pass
1255.000	-55.49	-13.0	-42.49	Vertical	Pass
1894.000	-35.82	-13.0	-22.82	Vertical	Pass
2919.500	-48.57	-13.0	-35.57	Vertical	Pass
4140.000	-52.39	-13.0	-39.39	Vertical	Pass
6878.750	-38.67	-13.0	-25.67	Vertical	Pass
7652.500	-42.68	-13.0	-29.68	Vertical	Pass



Band 13_QPSK_3.75kHz_1#0_Mid_H

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

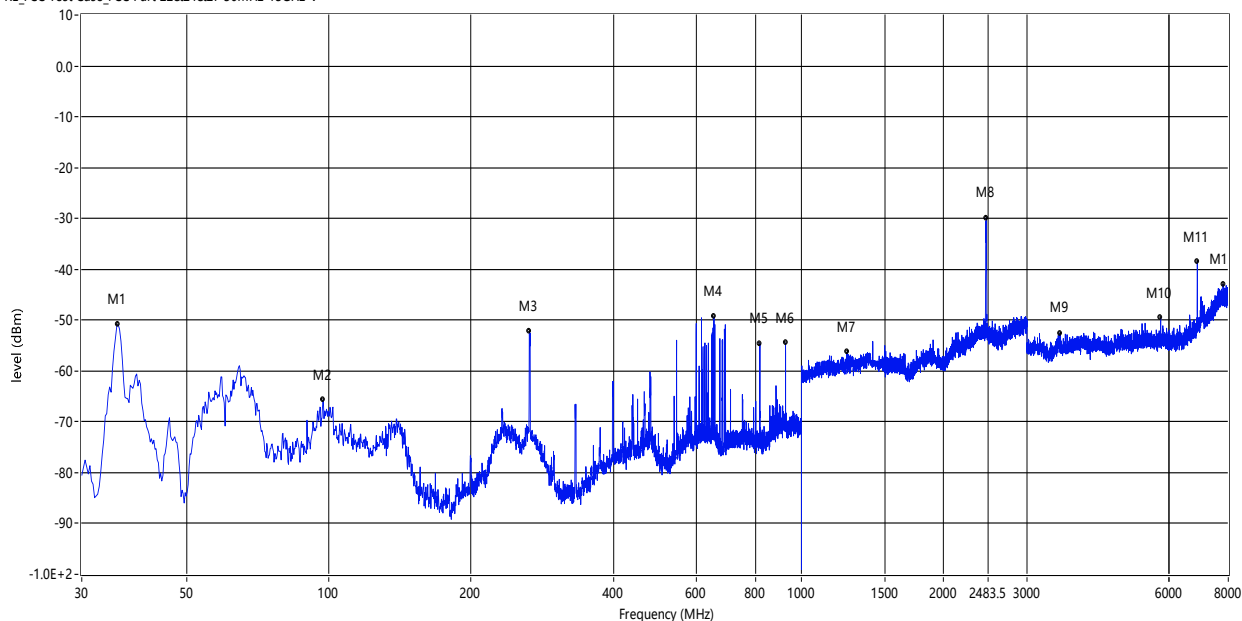


Frequency (MHz)	Result (dBm)	Limit (dBm)	Over Limit (dB)	ANT	Verdict
35.820	-58.62	-13.0	-45.62	Horizontal	Pass
65.647	-64.80	-13.0	-51.80	Horizontal	Pass
266.438	-47.52	-13.0	-34.52	Horizontal	Pass
331.913	-51.77	-13.0	-38.77	Horizontal	Pass
598.662	-47.32	-13.0	-34.32	Horizontal	Pass
925.310	-58.84	-13.0	-45.84	Horizontal	Pass
1500.500	-48.08	-13.0	-35.08	Horizontal	Pass
2457.500	-31.51	-13.0	-18.51	Horizontal	Pass
3815.000	-51.71	-13.0	-38.71	Horizontal	Pass
5580.000	-50.12	-13.0	-37.12	Horizontal	Pass
6878.750	-37.01	-13.0	-24.01	Horizontal	Pass
7745.000	-43.66	-13.0	-30.66	Horizontal	Pass



Band 13_QPSK_3.75kHz_1#0_Mid_V

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

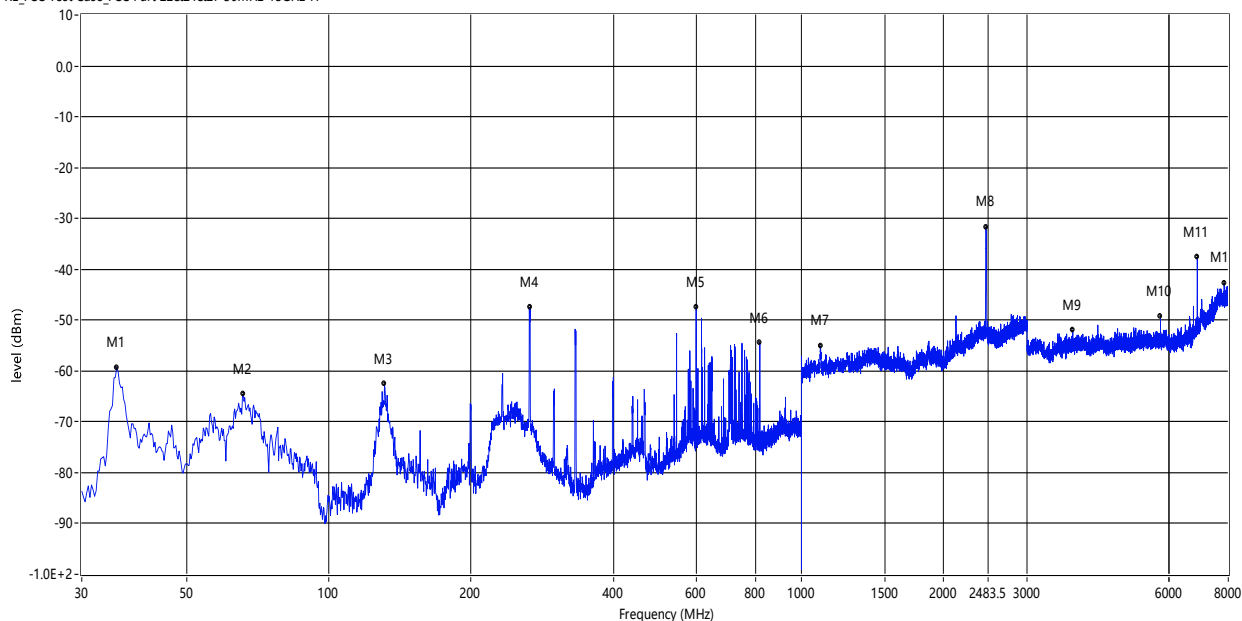


Frequency (MHz)	Result (dBm)	Limit (dBm)	Over Limit (dB)	ANT	Verdict
35.820	-50.89	-13.0	-37.89	Vertical	Pass
97.173	-65.70	-13.0	-52.70	Vertical	Pass
265.468	-52.21	-13.0	-39.21	Vertical	Pass
652.740	-49.38	-13.0	-36.38	Vertical	Pass
816.670	-54.57	-13.0	-41.57	Vertical	Pass
925.310	-54.49	-13.0	-41.49	Vertical	Pass
1250.500	-56.21	-13.0	-43.21	Vertical	Pass
2459.000	-29.88	-13.0	-16.88	Vertical	Pass
3522.500	-52.53	-13.0	-39.53	Vertical	Pass
5755.000	-49.55	-13.0	-36.55	Vertical	Pass
6878.750	-38.44	-13.0	-25.44	Vertical	Pass
7797.500	-42.96	-13.0	-29.96	Vertical	Pass



Band 13_QPSK_3.75kHz_1#0_High_H

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

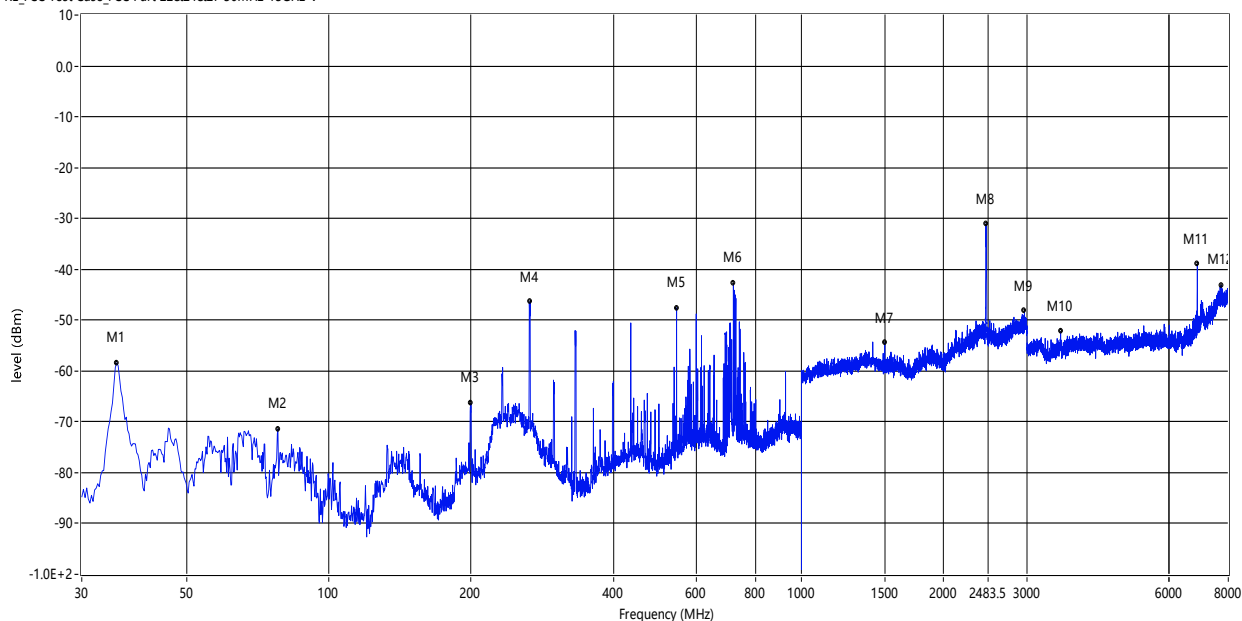


Frequency (MHz)	Result (dBm)	Limit (dBm)	Over Limit (dB)	ANT	Verdict
35.578	-59.30	-13.0	-46.30	Horizontal	Pass
65.890	-64.52	-13.0	-51.52	Horizontal	Pass
131.122	-62.61	-13.0	-49.61	Horizontal	Pass
266.438	-47.50	-13.0	-34.50	Horizontal	Pass
598.662	-47.43	-13.0	-34.43	Horizontal	Pass
816.428	-54.38	-13.0	-41.38	Horizontal	Pass
1096.500	-55.05	-13.0	-42.05	Horizontal	Pass
2457.000	-31.67	-13.0	-18.67	Horizontal	Pass
3750.000	-51.93	-13.0	-38.93	Horizontal	Pass
5750.000	-49.28	-13.0	-36.28	Horizontal	Pass
6877.500	-37.61	-13.0	-24.61	Horizontal	Pass
7840.000	-42.72	-13.0	-29.72	Horizontal	Pass



Band 13_QPSK_3.75kHz_1#0_High_V

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

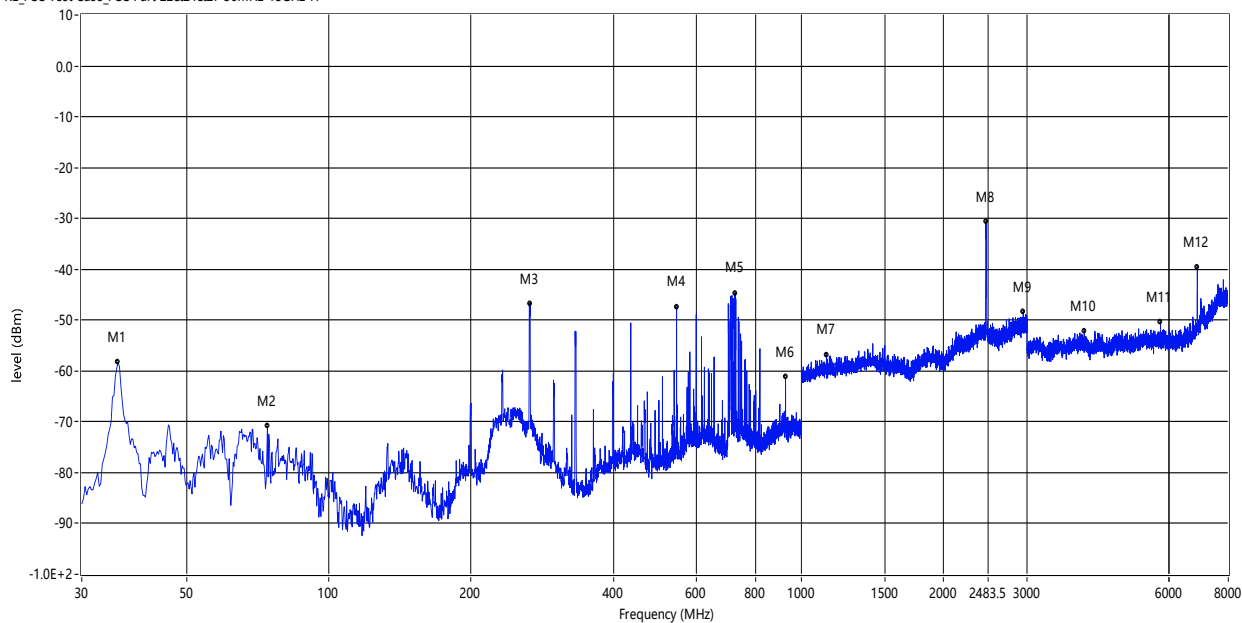


Frequency (MHz)	Result (dBm)	Limit (dBm)	Over Limit (dB)	ANT	Verdict
35.578	-58.40	-13.0	-45.40	Horizontal	Pass
78.015	-71.42	-13.0	-58.42	Horizontal	Pass
199.750	-66.36	-13.0	-53.36	Horizontal	Pass
266.438	-46.32	-13.0	-33.32	Horizontal	Pass
544.343	-47.59	-13.0	-34.59	Horizontal	Pass
1500.000	-54.48	-13.0	-41.48	Horizontal	Pass
2456.500	-31.09	-13.0	-18.09	Horizontal	Pass
2962.500	-48.22	-13.0	-35.22	Horizontal	Pass
3535.000	-52.29	-13.0	-39.29	Horizontal	Pass
6878.750	-38.99	-13.0	-25.99	Horizontal	Pass
7725.000	-43.11	-13.0	-30.11	Horizontal	Pass



Band 13_QPSK_3.75kHz_1#47_Low_H

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

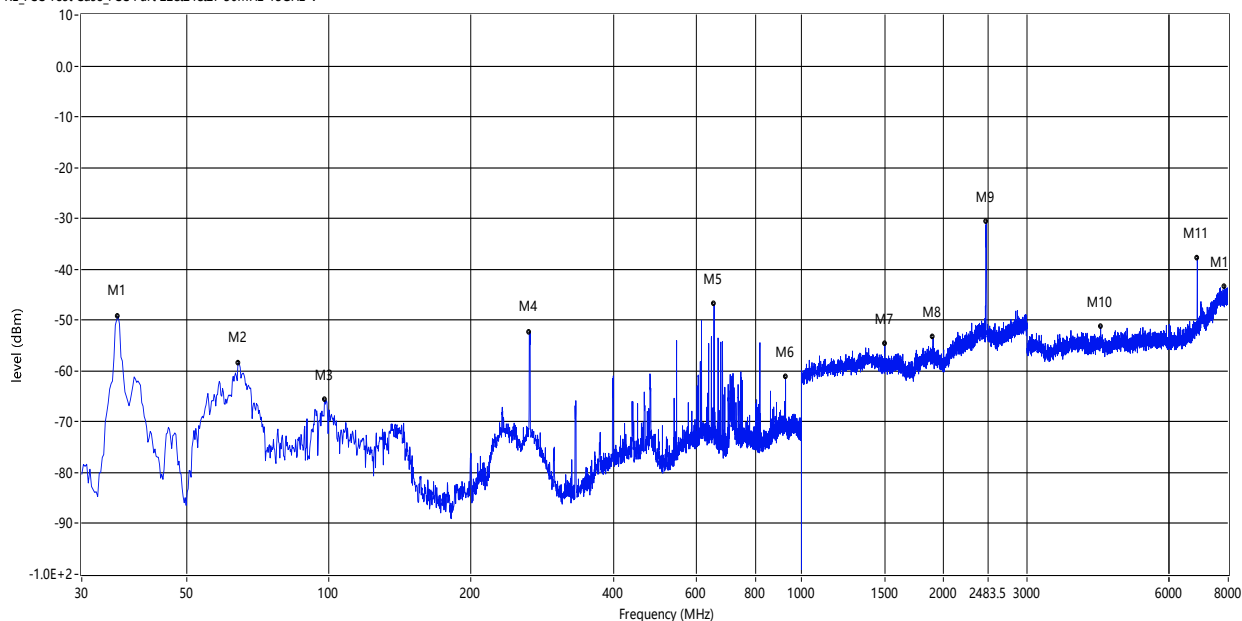


Frequency (MHz)	Result (dBm)	Limit (dBm)	Over Limit (dB)	ANT	Verdict
35.820	-58.35	-13.0	-45.35	Horizontal	Pass
74.135	-70.89	-13.0	-57.89	Horizontal	Pass
266.438	-46.84	-13.0	-33.84	Horizontal	Pass
544.343	-47.40	-13.0	-34.40	Horizontal	Pass
713.122	-38.62	-13.0	-25.62	Horizontal	Pass
925.310	-61.26	-13.0	-48.26	Horizontal	Pass
1129.500	-56.81	-13.0	-43.81	Horizontal	Pass
2457.000	-30.71	-13.0	-17.71	Horizontal	Pass
2946.000	-48.36	-13.0	-35.36	Horizontal	Pass
3968.750	-52.17	-13.0	-39.17	Horizontal	Pass
5750.000	-50.41	-13.0	-37.41	Horizontal	Pass
6878.750	-39.60	-13.0	-26.60	Horizontal	Pass



Band 13_QPSK_3.75kHz_1#47_Low_V

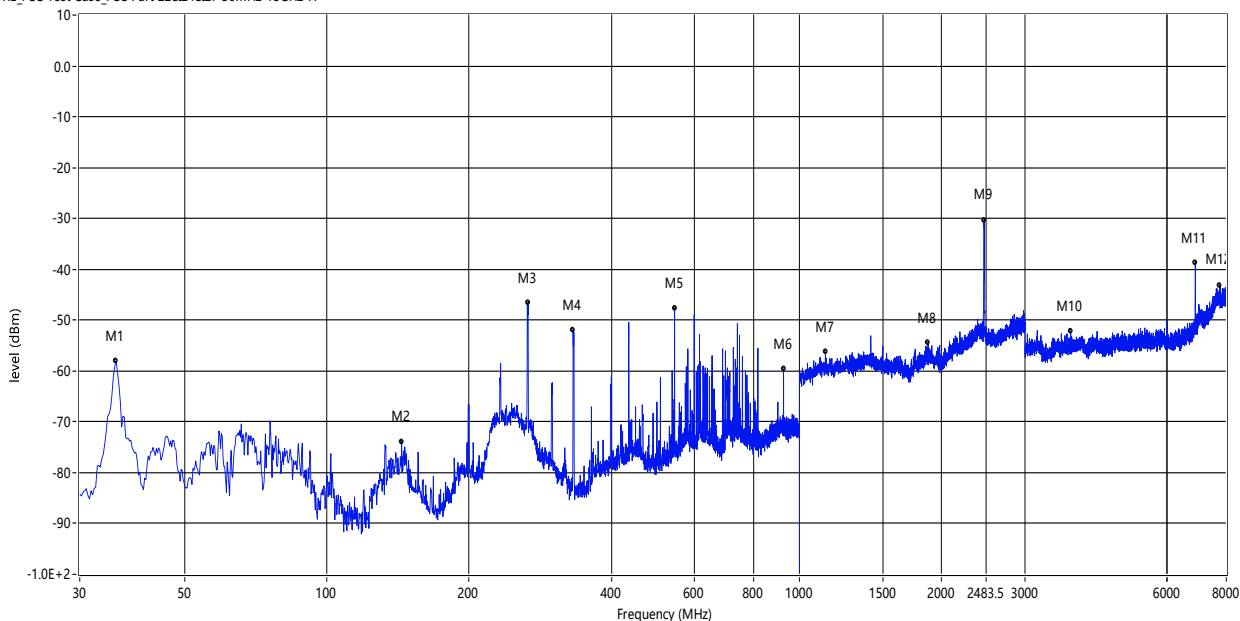
RE_FCC Test Case_FCC Part 22&24&27 30MHz-13GHz-V



Frequency (MHz)	Result (dBm)	Limit (dBm)	Over Limit (dB)	ANT	Verdict
35.820	-49.21	-13.0	-36.21	Vertical	Pass
64.435	-58.37	-13.0	-45.37	Vertical	Pass
97.900	-65.70	-13.0	-52.70	Vertical	Pass
265.468	-52.35	-13.0	-39.35	Vertical	Pass
653.225	-46.85	-13.0	-33.85	Vertical	Pass
925.310	-61.21	-13.0	-48.21	Vertical	Pass
1500.500	-54.72	-13.0	-41.72	Vertical	Pass
1898.000	-53.37	-13.0	-40.37	Vertical	Pass
2458.500	-30.74	-13.0	-17.74	Vertical	Pass
4295.000	-51.30	-13.0	-38.30	Vertical	Pass
6878.750	-37.78	-13.0	-24.78	Vertical	Pass
7852.500	-43.46	-13.0	-30.46	Vertical	Pass

Band 13_QPSK_3.75kHz_1#47_Mid_H

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

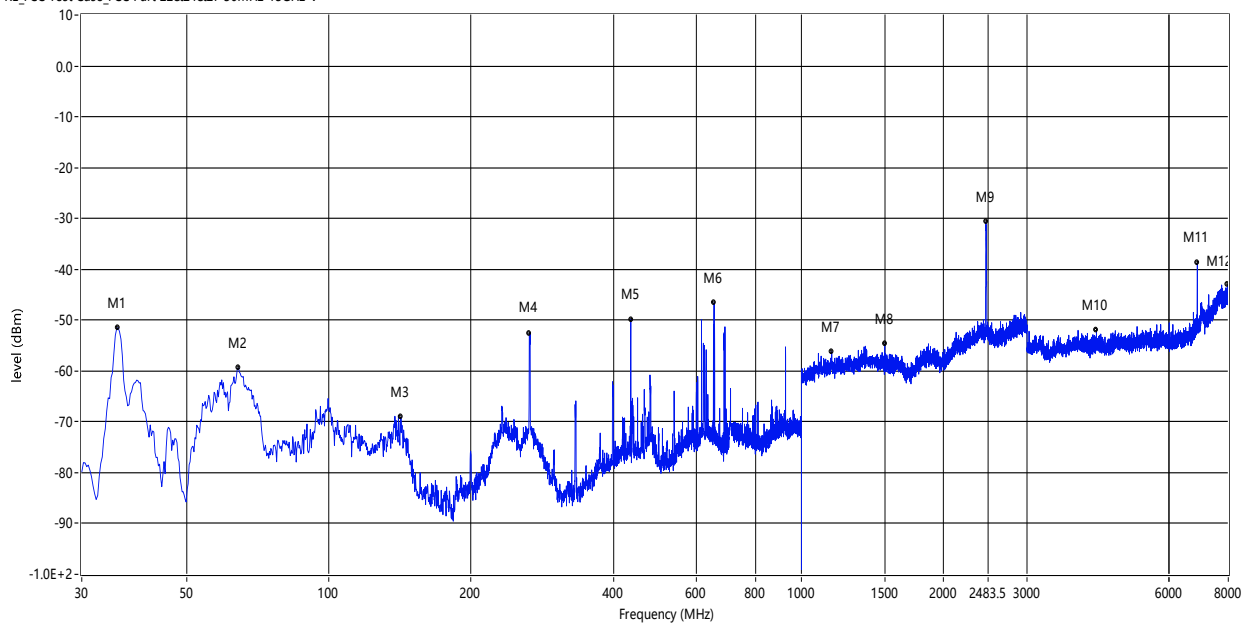


Frequency (MHz)	Result (dBm)	Limit (dBm)	Over Limit (dB)	ANT	Verdict
35.820	-58.07	-13.0	-45.07	Horizontal	Pass
143.975	-73.88	-13.0	-60.88	Horizontal	Pass
266.438	-46.57	-13.0	-33.57	Horizontal	Pass
331.913	-51.99	-13.0	-38.99	Horizontal	Pass
544.343	-47.67	-13.0	-34.67	Horizontal	Pass
925.310	-59.63	-13.0	-46.63	Horizontal	Pass
1135.000	-56.29	-13.0	-43.29	Horizontal	Pass
1870.500	-54.46	-13.0	-41.46	Horizontal	Pass
2459.000	-30.32	-13.0	-17.32	Horizontal	Pass
3748.750	-52.24	-13.0	-39.24	Horizontal	Pass
6878.750	-38.72	-13.0	-25.72	Horizontal	Pass
7755.000	-43.15	-13.0	-30.15	Horizontal	Pass



Band 13_QPSK_3.75kHz_1#47_Mid_V

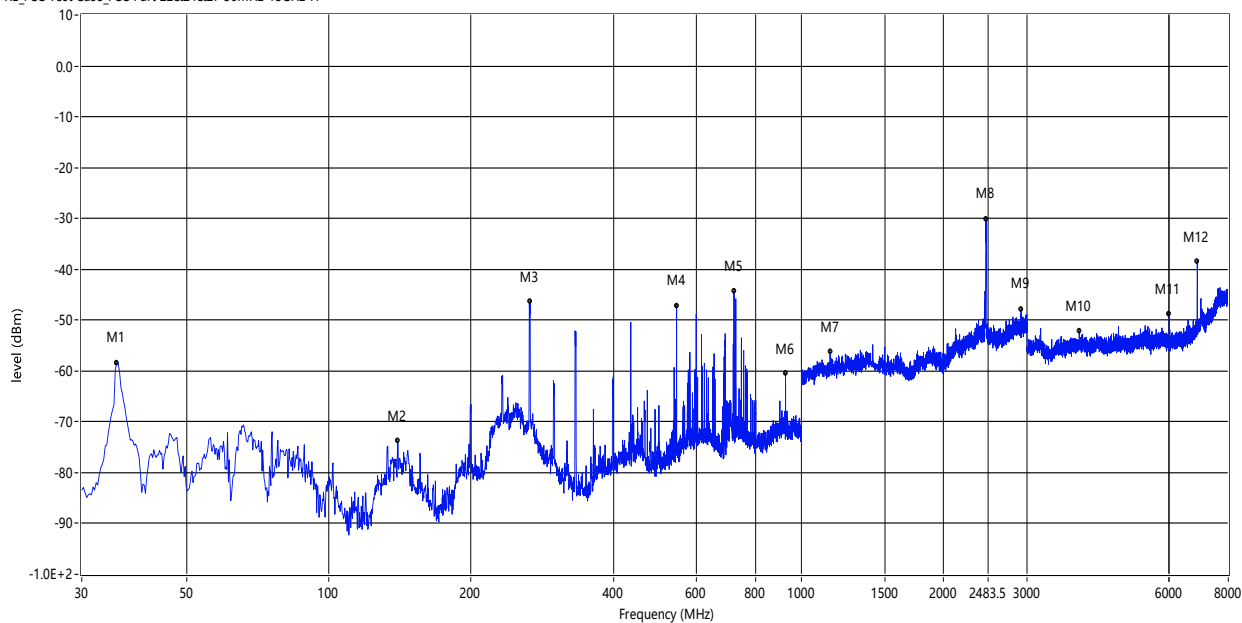
RE_FCC Test Case_FCC Part 22&24&27 30MHz-13GHz-V



Frequency (MHz)	Result (dBm)	Limit (dBm)	Over Limit (dB)	ANT	Verdict
35.820	-51.48	-13.0	-38.48	Vertical	Pass
64.435	-59.44	-13.0	-46.44	Vertical	Pass
142.035	-69.05	-13.0	-56.05	Vertical	Pass
265.468	-52.56	-13.0	-39.56	Vertical	Pass
435.460	-49.86	-13.0	-36.86	Vertical	Pass
653.225	-46.57	-13.0	-33.57	Vertical	Pass
1158.500	-56.21	-13.0	-43.21	Vertical	Pass
1500.000	-54.69	-13.0	-41.69	Vertical	Pass
2456.500	-30.73	-13.0	-17.73	Vertical	Pass
4208.750	-51.94	-13.0	-38.94	Vertical	Pass
6878.750	-38.78	-13.0	-25.78	Vertical	Pass
7978.750	-43.05	-13.0	-30.05	Vertical	Pass

Band 13_QPSK_3.75kHz_1#47_High_H

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

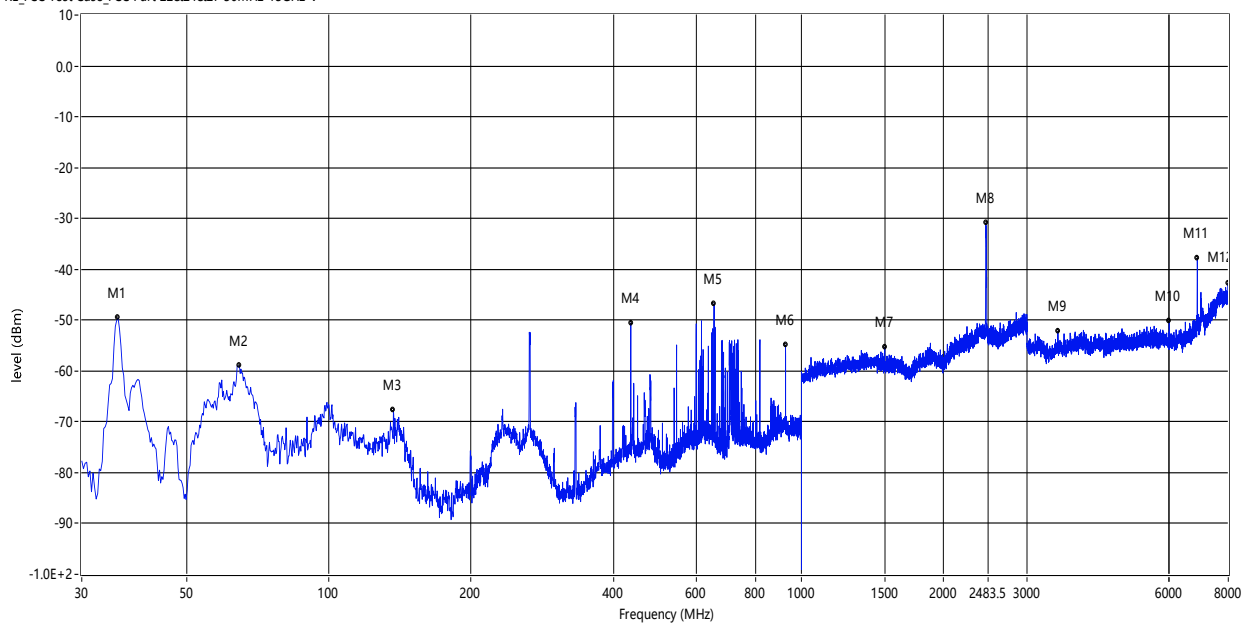


Frequency (MHz)	Result (dBm)	Limit (dBm)	Over Limit (dB)	ANT	Verdict
35.578	-58.39	-13.0	-45.39	Horizontal	Pass
139.852	-73.83	-13.0	-60.83	Horizontal	Pass
266.438	-46.40	-13.0	-33.40	Horizontal	Pass
544.343	-47.19	-13.0	-34.19	Horizontal	Pass
719.912	-44.32	-13.0	-31.32	Horizontal	Pass
925.310	-60.51	-13.0	-47.51	Horizontal	Pass
1149.500	-56.27	-13.0	-43.27	Horizontal	Pass
2459.000	-30.28	-13.0	-17.28	Horizontal	Pass
2914.500	-48.00	-13.0	-35.00	Horizontal	Pass
3870.000	-52.25	-13.0	-39.25	Horizontal	Pass
6000.000	-48.88	-13.0	-35.88	Horizontal	Pass
6878.750	-38.54	-13.0	-25.54	Horizontal	Pass



Band 13_QPSK_3.75kHz_1#47_High_V

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

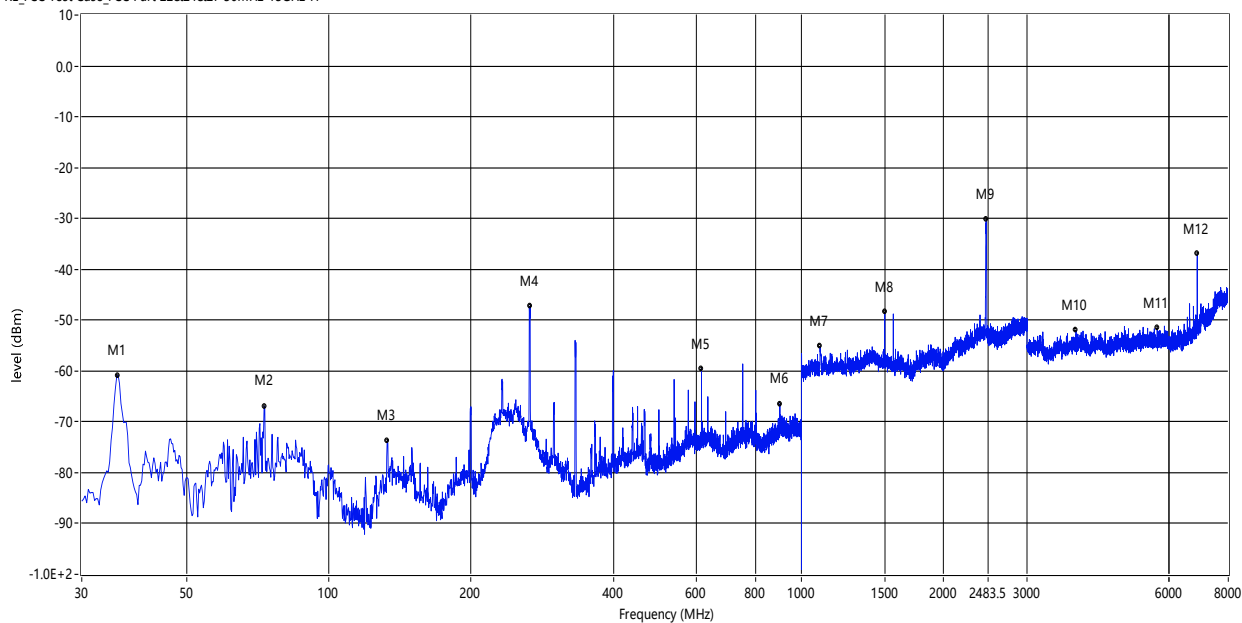


Frequency (MHz)	Result (dBm)	Limit (dBm)	Over Limit (dB)	ANT	Verdict
35.820	-49.60	-13.0	-36.60	Vertical	Pass
64.677	-59.00	-13.0	-46.00	Vertical	Pass
136.943	-67.77	-13.0	-54.77	Vertical	Pass
435.460	-50.58	-13.0	-37.58	Vertical	Pass
653.225	-46.77	-13.0	-33.77	Vertical	Pass
925.310	-54.90	-13.0	-41.90	Vertical	Pass
1500.000	-55.34	-13.0	-42.34	Vertical	Pass
2456.000	-30.93	-13.0	-17.93	Vertical	Pass
3488.750	-52.25	-13.0	-39.25	Vertical	Pass
6000.000	-50.14	-13.0	-37.14	Vertical	Pass
6878.750	-37.85	-13.0	-24.85	Vertical	Pass
7991.250	-42.77	-13.0	-29.77	Vertical	Pass



Band 13_BPSK_15kHz_1#0_Low_H

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

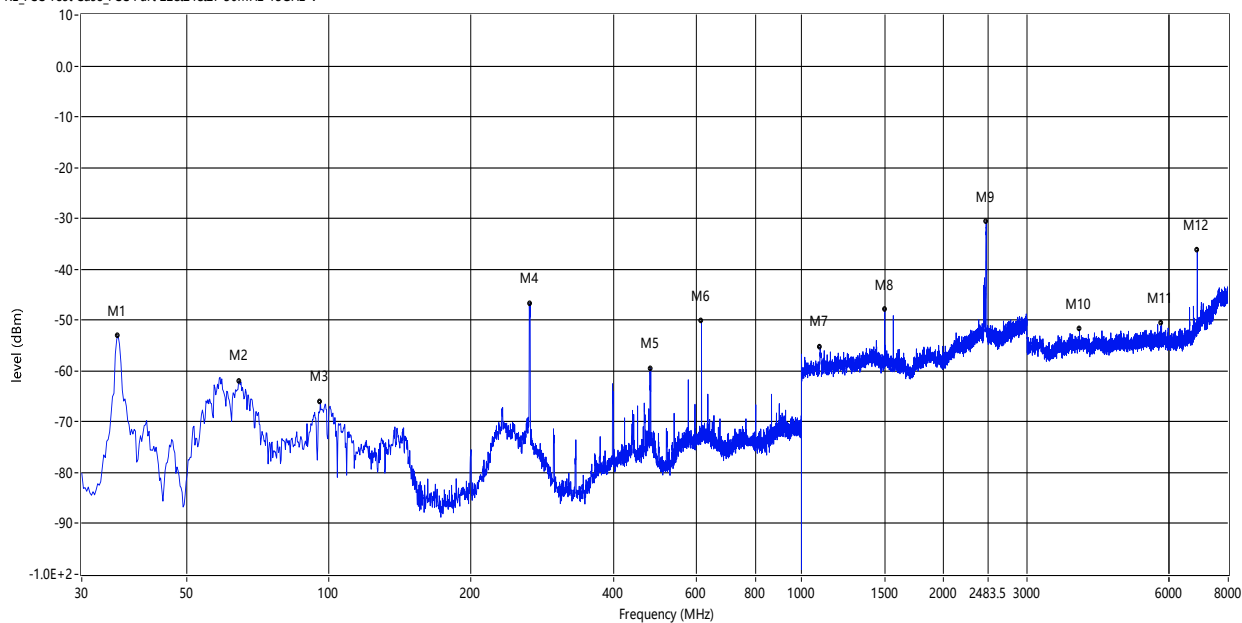


Frequency (MHz)	Result (dBm)	Limit (dBm)	Over Limit (dB)	ANT	Verdict
35.820	-60.84	-13.0	-47.84	Horizontal	Pass
73.165	-66.95	-13.0	-53.95	Horizontal	Pass
133.062	-73.64	-13.0	-60.64	Horizontal	Pass
266.438	-47.20	-13.0	-34.20	Horizontal	Pass
614.425	-59.55	-13.0	-46.55	Horizontal	Pass
900.090	-66.44	-13.0	-53.44	Horizontal	Pass
1094.500	-55.14	-13.0	-42.14	Horizontal	Pass
1500.000	-48.45	-13.0	-35.45	Horizontal	Pass
2458.500	-30.25	-13.0	-17.25	Horizontal	Pass
3810.000	-51.95	-13.0	-38.95	Horizontal	Pass
5657.500	-51.58	-13.0	-38.58	Horizontal	Pass
6876.250	-37.02	-13.0	-24.02	Horizontal	Pass



Band 13_BPSK_15kHz_1#0_Low_V

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

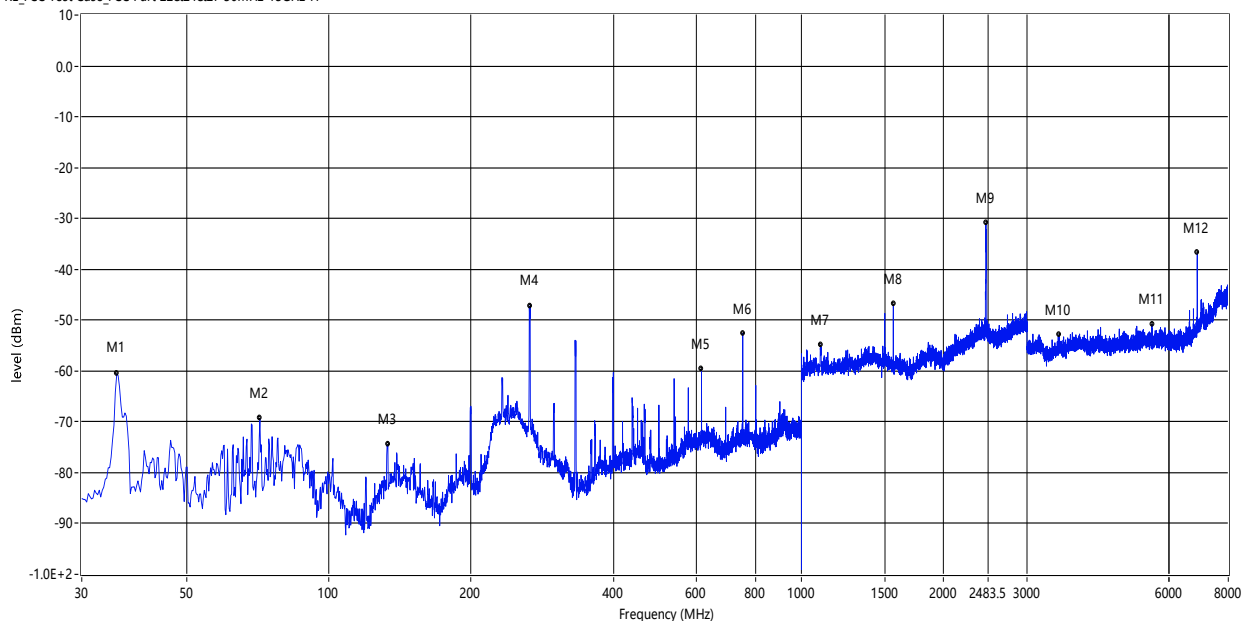


Frequency (MHz)	Result (dBm)	Limit (dBm)	Over Limit (dB)	ANT	Verdict
35.820	-53.06	-13.0	-40.06	Vertical	Pass
64.677	-62.00	-13.0	-49.00	Vertical	Pass
95.960	-66.03	-13.0	-53.03	Vertical	Pass
266.438	-46.70	-13.0	-33.70	Vertical	Pass
479.838	-59.50	-13.0	-46.50	Vertical	Pass
614.425	-50.22	-13.0	-37.22	Vertical	Pass
1095.000	-55.22	-13.0	-42.22	Vertical	Pass
1500.500	-47.99	-13.0	-34.99	Vertical	Pass
2459.000	-30.62	-13.0	-17.62	Vertical	Pass
3875.000	-51.73	-13.0	-38.73	Vertical	Pass
5781.250	-50.66	-13.0	-37.66	Vertical	Pass
6877.500	-36.32	-13.0	-23.32	Vertical	Pass



Band 13_BPSK_15kHz_1#0_Mid_H

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

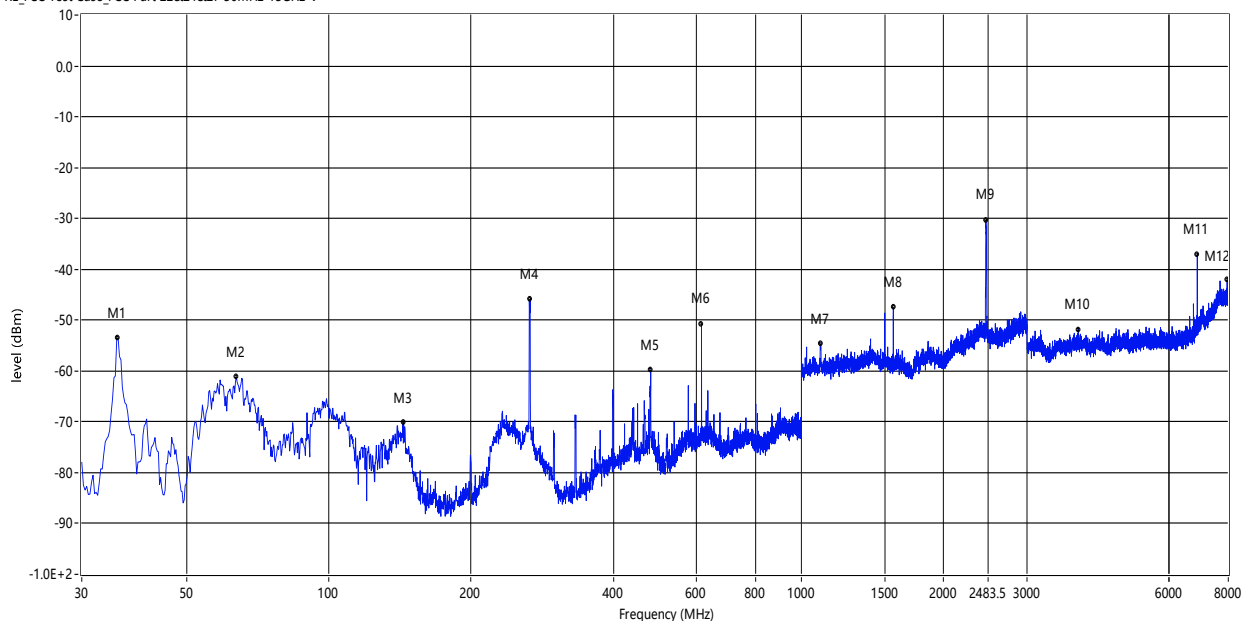


Frequency (MHz)	Result (dBm)	Limit (dBm)	Over Limit (dB)	ANT	Verdict
35.578	-60.57	-13.0	-47.57	Horizontal	Pass
71.467	-69.34	-13.0	-56.34	Horizontal	Pass
133.305	-74.45	-13.0	-61.45	Horizontal	Pass
266.438	-47.16	-13.0	-34.16	Horizontal	Pass
614.425	-59.63	-13.0	-46.63	Horizontal	Pass
751.195	-52.60	-13.0	-39.60	Horizontal	Pass
1097.000	-54.87	-13.0	-41.87	Horizontal	Pass
1564.000	-46.90	-13.0	-33.90	Horizontal	Pass
2456.500	-30.96	-13.0	-17.96	Horizontal	Pass
3507.500	-52.83	-13.0	-39.83	Horizontal	Pass
5516.250	-50.83	-13.0	-37.83	Horizontal	Pass
6876.250	-36.76	-13.0	-23.76	Horizontal	Pass



Band 13_BPSK_15kHz_1#0_Mid_V

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

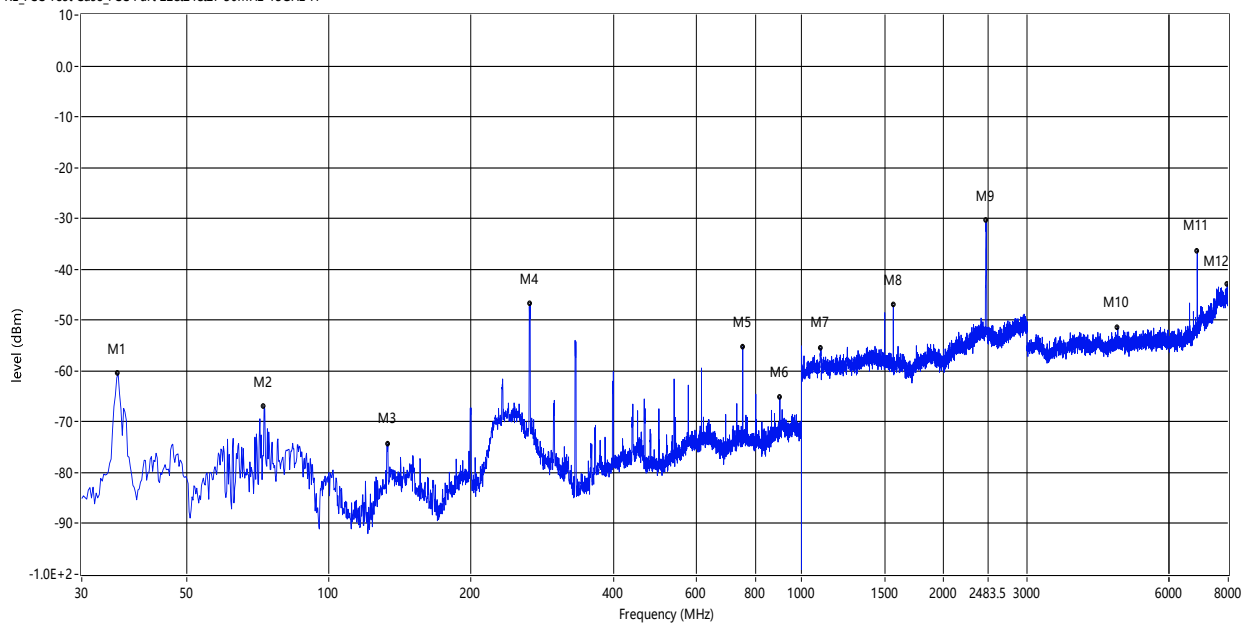


Frequency (MHz)	Result (dBm)	Limit (dBm)	Over Limit (dB)	ANT	Verdict
35.820	-53.54	-13.0	-40.54	Vertical	Pass
63.708	-61.24	-13.0	-48.24	Vertical	Pass
143.975	-70.13	-13.0	-57.13	Vertical	Pass
266.438	-45.86	-13.0	-32.86	Vertical	Pass
479.838	-59.77	-13.0	-46.77	Vertical	Pass
614.425	-50.76	-13.0	-37.76	Vertical	Pass
1099.000	-54.63	-13.0	-41.63	Vertical	Pass
1564.000	-47.55	-13.0	-34.55	Vertical	Pass
2456.500	-30.33	-13.0	-17.33	Vertical	Pass
3852.500	-51.85	-13.0	-38.85	Vertical	Pass
6878.750	-37.08	-13.0	-24.08	Vertical	Pass
7955.000	-42.10	-13.0	-29.10	Vertical	Pass



Band 13_BPSK_15kHz_1#0_High_H

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

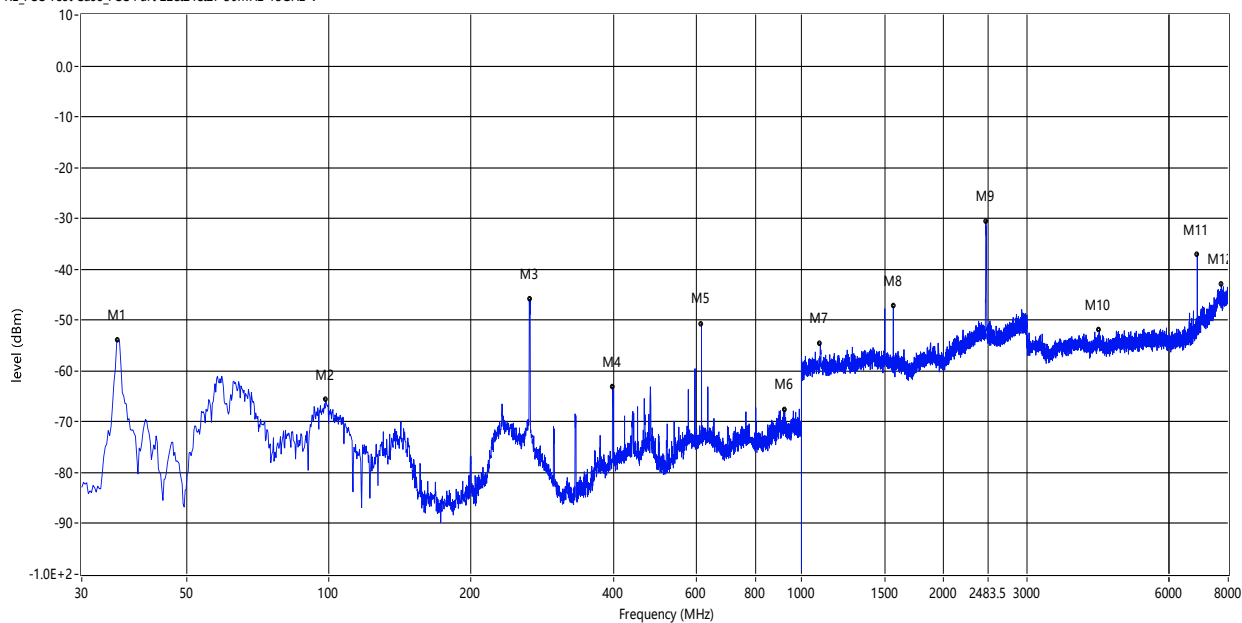


Frequency (MHz)	Result (dBm)	Limit (dBm)	Over Limit (dB)	ANT	Verdict
35.820	-60.50	-13.0	-47.50	Horizontal	Pass
72.923	-67.01	-13.0	-54.01	Horizontal	Pass
133.305	-74.32	-13.0	-61.32	Horizontal	Pass
266.438	-46.84	-13.0	-33.84	Horizontal	Pass
750.953	-55.23	-13.0	-42.23	Horizontal	Pass
900.090	-65.28	-13.0	-52.28	Horizontal	Pass
1099.500	-55.50	-13.0	-42.50	Horizontal	Pass
1564.000	-47.02	-13.0	-34.02	Horizontal	Pass
2459.000	-30.50	-13.0	-17.50	Horizontal	Pass
4670.000	-51.45	-13.0	-38.45	Horizontal	Pass
6877.500	-36.36	-13.0	-23.36	Horizontal	Pass
7958.750	-42.89	-13.0	-29.89	Horizontal	Pass



Band 13_BPSK_15kHz_1#0_High_V

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

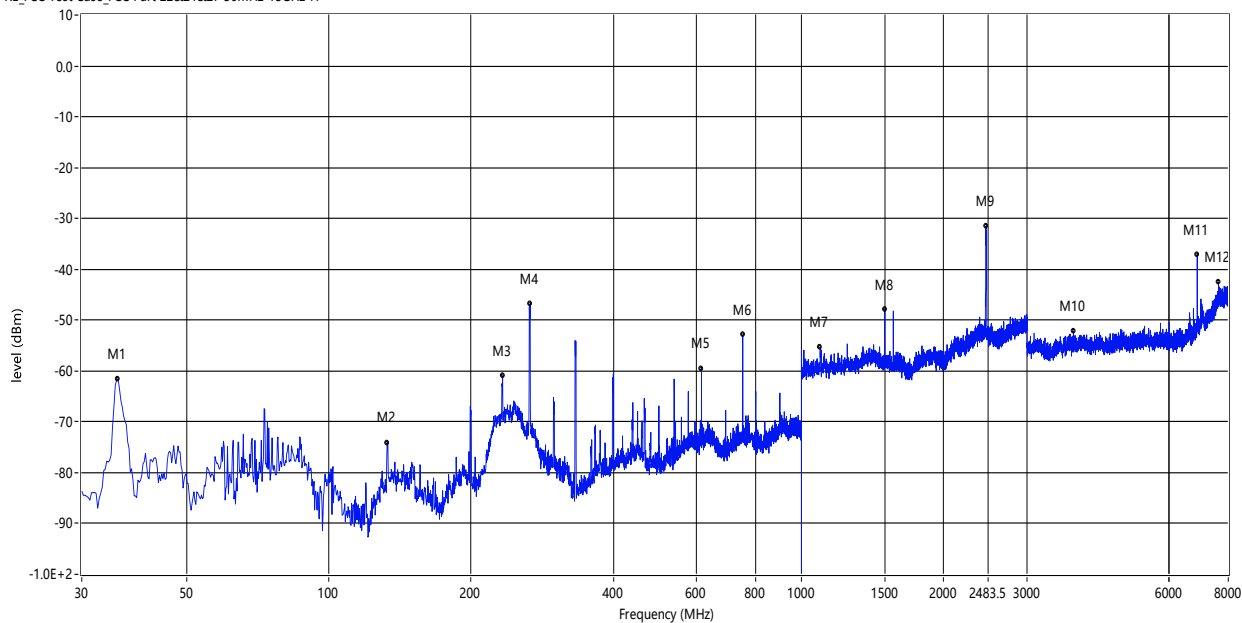


Frequency (MHz)	Result (dBm)	Limit (dBm)	Over Limit (dB)	ANT	Verdict
35.820	-53.95	-13.0	-40.95	Vertical	Pass
98.385	-65.72	-13.0	-52.72	Vertical	Pass
266.438	-45.97	-13.0	-32.97	Vertical	Pass
398.358	-63.15	-13.0	-50.15	Vertical	Pass
614.425	-50.75	-13.0	-37.75	Vertical	Pass
921.673	-67.66	-13.0	-54.66	Vertical	Pass
1095.500	-54.58	-13.0	-41.58	Vertical	Pass
1564.000	-47.31	-13.0	-34.31	Vertical	Pass
2456.000	-30.56	-13.0	-17.56	Vertical	Pass
4268.750	-52.02	-13.0	-39.02	Vertical	Pass
6877.500	-37.12	-13.0	-24.12	Vertical	Pass
7732.500	-43.08	-13.0	-30.08	Vertical	Pass



Band 13_BPSK_15kHz_1#11_Low_H

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

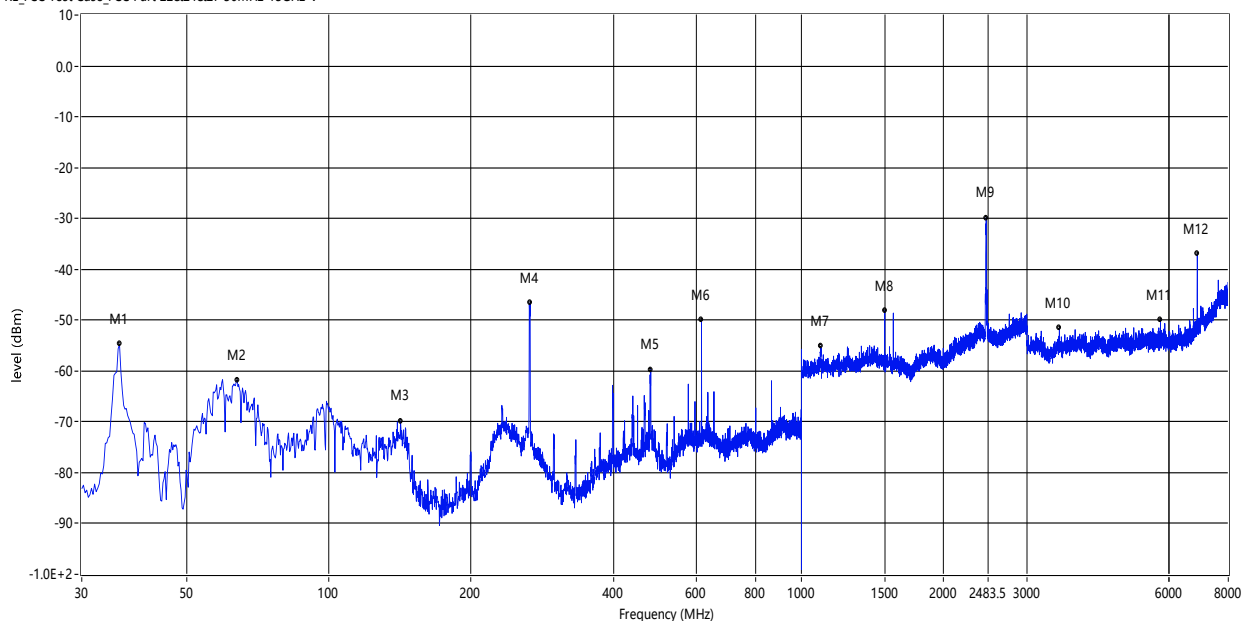


Frequency (MHz)	Result (dBm)	Limit (dBm)	Over Limit (dB)	ANT	Verdict
35.820	-61.58	-13.0	-48.58	Horizontal	Pass
132.820	-74.09	-13.0	-61.09	Horizontal	Pass
233.215	-60.97	-13.0	-47.97	Horizontal	Pass
266.438	-46.85	-13.0	-33.85	Horizontal	Pass
614.425	-59.49	-13.0	-46.49	Horizontal	Pass
751.195	-52.91	-13.0	-39.91	Horizontal	Pass
1095.500	-55.35	-13.0	-42.35	Horizontal	Pass
1500.500	-47.98	-13.0	-34.98	Horizontal	Pass
2455.500	-31.52	-13.0	-18.52	Horizontal	Pass
3765.000	-52.22	-13.0	-39.22	Horizontal	Pass
6876.250	-37.12	-13.0	-24.12	Horizontal	Pass
7627.500	-42.59	-13.0	-29.59	Horizontal	Pass



Band 13_BPSK_15kHz_1#11_Low_V

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

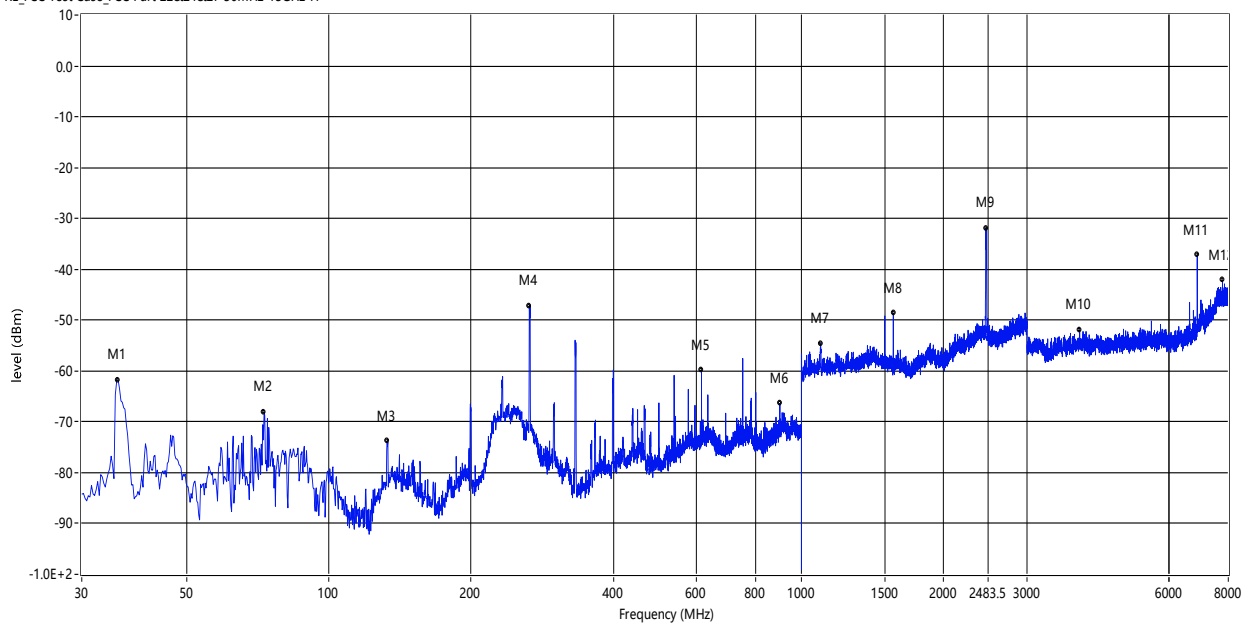


Frequency (MHz)	Result (dBm)	Limit (dBm)	Over Limit (dB)	ANT	Verdict
36.062	-54.74	-13.0	-41.74	Vertical	Pass
63.950	-61.79	-13.0	-48.79	Vertical	Pass
141.792	-69.84	-13.0	-56.84	Vertical	Pass
266.438	-46.58	-13.0	-33.58	Vertical	Pass
479.838	-59.73	-13.0	-46.73	Vertical	Pass
614.425	-49.99	-13.0	-36.99	Vertical	Pass
1098.000	-55.13	-13.0	-42.13	Vertical	Pass
1500.500	-48.14	-13.0	-35.14	Vertical	Pass
2458.500	-29.85	-13.0	-16.85	Vertical	Pass
3512.500	-51.60	-13.0	-38.60	Vertical	Pass
5750.000	-49.95	-13.0	-36.95	Vertical	Pass
6877.500	-37.01	-13.0	-24.01	Vertical	Pass



Band 13_BPSK_15kHz_1#11_Mid_H

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

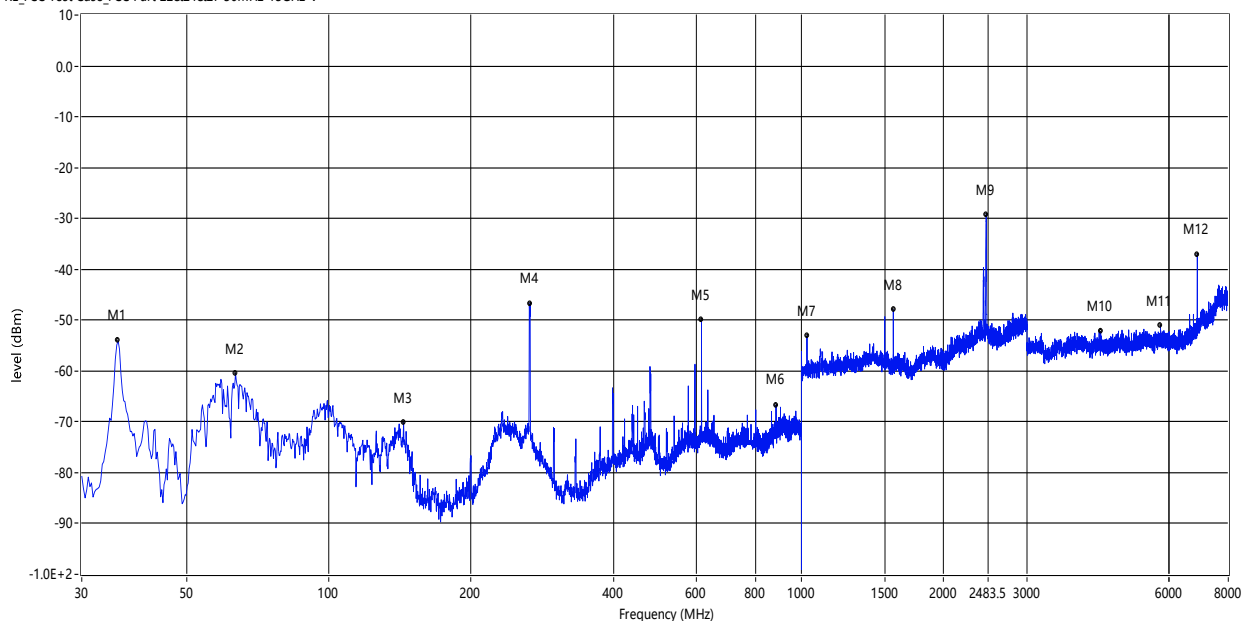


Frequency (MHz)	Result (dBm)	Limit (dBm)	Over Limit (dB)	ANT	Verdict
35.820	-61.77	-13.0	-48.77	Horizontal	Pass
72.923	-68.06	-13.0	-55.06	Horizontal	Pass
132.820	-73.84	-13.0	-60.84	Horizontal	Pass
265.468	-47.13	-13.0	-34.13	Horizontal	Pass
614.425	-59.81	-13.0	-46.81	Horizontal	Pass
900.090	-66.42	-13.0	-53.42	Horizontal	Pass
1098.000	-54.60	-13.0	-41.60	Horizontal	Pass
1564.000	-48.58	-13.0	-35.58	Horizontal	Pass
2456.500	-31.87	-13.0	-18.87	Horizontal	Pass
3878.750	-51.88	-13.0	-38.88	Horizontal	Pass
6876.250	-37.19	-13.0	-24.19	Horizontal	Pass
7778.750	-42.15	-13.0	-29.15	Horizontal	Pass



Band 13_BPSK_15kHz_1#11_Mid_V

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

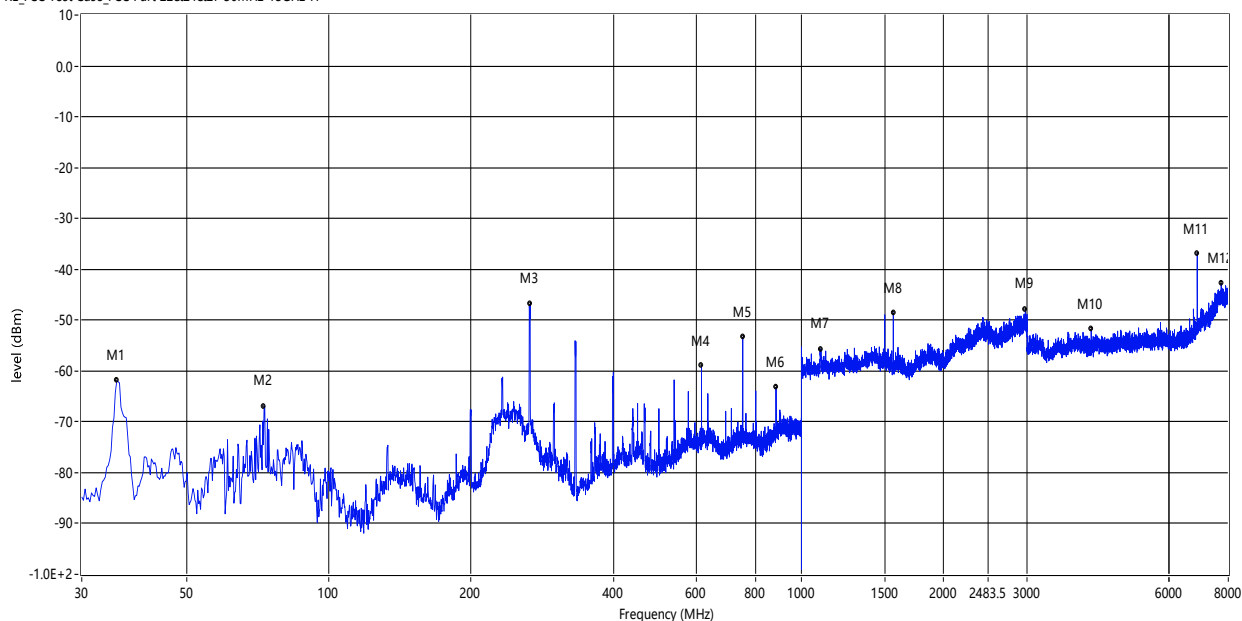


Frequency (MHz)	Result (dBm)	Limit (dBm)	Over Limit (dB)	ANT	Verdict
35.820	-54.09	-13.0	-41.09	Vertical	Pass
63.465	-60.47	-13.0	-47.47	Vertical	Pass
143.975	-70.16	-13.0	-57.16	Vertical	Pass
266.438	-46.70	-13.0	-33.70	Vertical	Pass
614.425	-50.04	-13.0	-37.04	Vertical	Pass
883.358	-66.68	-13.0	-53.68	Vertical	Pass
1027.500	-53.06	-13.0	-40.06	Vertical	Pass
1564.000	-47.96	-13.0	-34.96	Vertical	Pass
2459.000	-29.25	-13.0	-16.25	Vertical	Pass
4296.250	-52.27	-13.0	-39.27	Vertical	Pass
5750.000	-51.06	-13.0	-38.06	Vertical	Pass
6878.750	-37.05	-13.0	-24.05	Vertical	Pass



Band 13_BPSK_15kHz_1#11_High_H

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

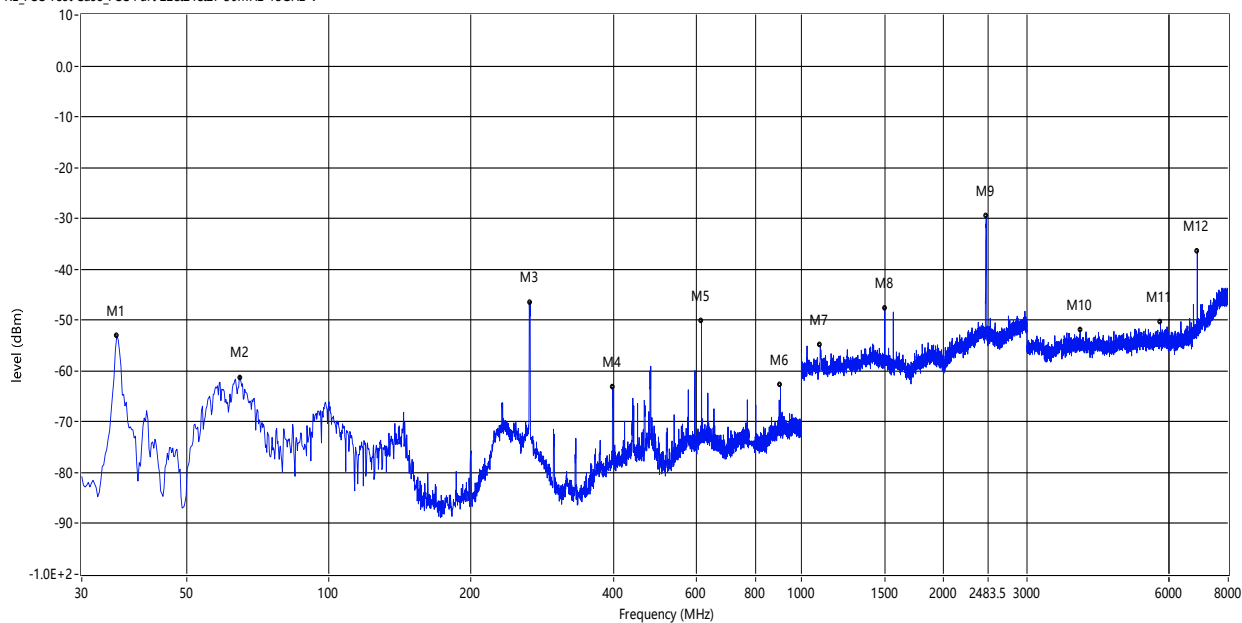


Frequency (MHz)	Result (dBm)	Limit (dBm)	Over Limit (dB)	ANT	Verdict
35.578	-61.94	-13.0	-48.94	Horizontal	Pass
72.923	-66.91	-13.0	-53.91	Horizontal	Pass
266.438	-46.89	-13.0	-33.89	Horizontal	Pass
614.425	-59.03	-13.0	-46.03	Horizontal	Pass
751.195	-53.32	-13.0	-40.32	Horizontal	Pass
883.358	-63.27	-13.0	-50.27	Horizontal	Pass
1098.000	-55.67	-13.0	-42.67	Horizontal	Pass
1564.000	-48.55	-13.0	-35.55	Horizontal	Pass
2975.500	-47.84	-13.0	-34.84	Horizontal	Pass
4102.500	-51.82	-13.0	-38.82	Horizontal	Pass
6876.250	-36.89	-13.0	-23.89	Horizontal	Pass
7728.750	-42.82	-13.0	-29.82	Horizontal	Pass



Band 13_BPSK_15kHz_1#11_High_V

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

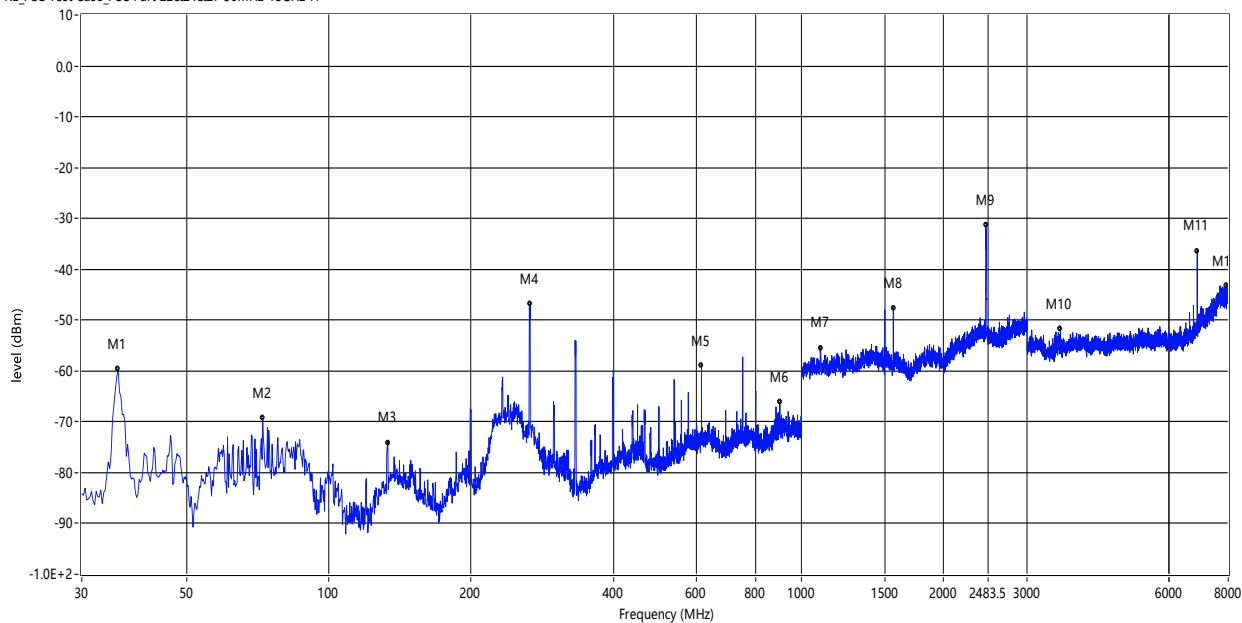


Frequency (MHz)	Result (dBm)	Limit (dBm)	Over Limit (dB)	ANT	Verdict
35.578	-53.07	-13.0	-40.07	Vertical	Pass
64.920	-61.30	-13.0	-48.30	Vertical	Pass
266.438	-46.48	-13.0	-33.48	Vertical	Pass
398.358	-63.24	-13.0	-50.24	Vertical	Pass
614.425	-50.15	-13.0	-37.15	Vertical	Pass
902.515	-62.82	-13.0	-49.82	Vertical	Pass
1096.000	-54.99	-13.0	-41.99	Vertical	Pass
1500.500	-47.79	-13.0	-34.79	Vertical	Pass
2459.000	-29.59	-13.0	-16.59	Vertical	Pass
3886.250	-51.94	-13.0	-38.94	Vertical	Pass
5751.250	-50.38	-13.0	-37.38	Vertical	Pass
6878.750	-36.54	-13.0	-23.54	Vertical	Pass



Band 13_QPSK_15kHz_12#0_Low_H

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

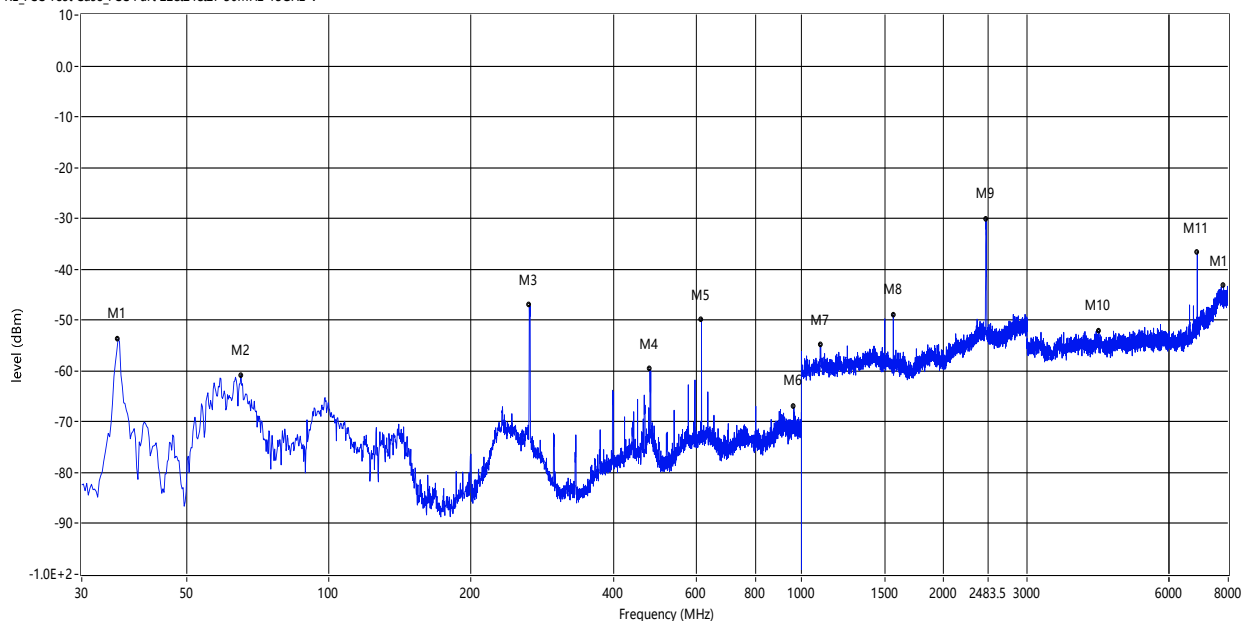


Frequency (MHz)	Result (dBm)	Limit (dBm)	Over Limit (dB)	ANT	Verdict
35.820	-59.67	-13.0	-46.67	Horizontal	Pass
72.438	-69.29	-13.0	-56.29	Horizontal	Pass
133.305	-74.08	-13.0	-61.08	Horizontal	Pass
266.438	-46.90	-13.0	-33.90	Horizontal	Pass
614.425	-58.98	-13.0	-45.98	Horizontal	Pass
900.090	-66.18	-13.0	-53.18	Horizontal	Pass
1098.000	-55.50	-13.0	-42.50	Horizontal	Pass
1564.000	-47.79	-13.0	-34.79	Horizontal	Pass
2456.000	-31.40	-13.0	-18.40	Horizontal	Pass
3531.250	-51.74	-13.0	-38.74	Horizontal	Pass
6876.250	-36.36	-13.0	-23.36	Horizontal	Pass
7918.750	-43.30	-13.0	-30.30	Horizontal	Pass



Band 13_QPSK_15kHz_12#0_Low_V

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

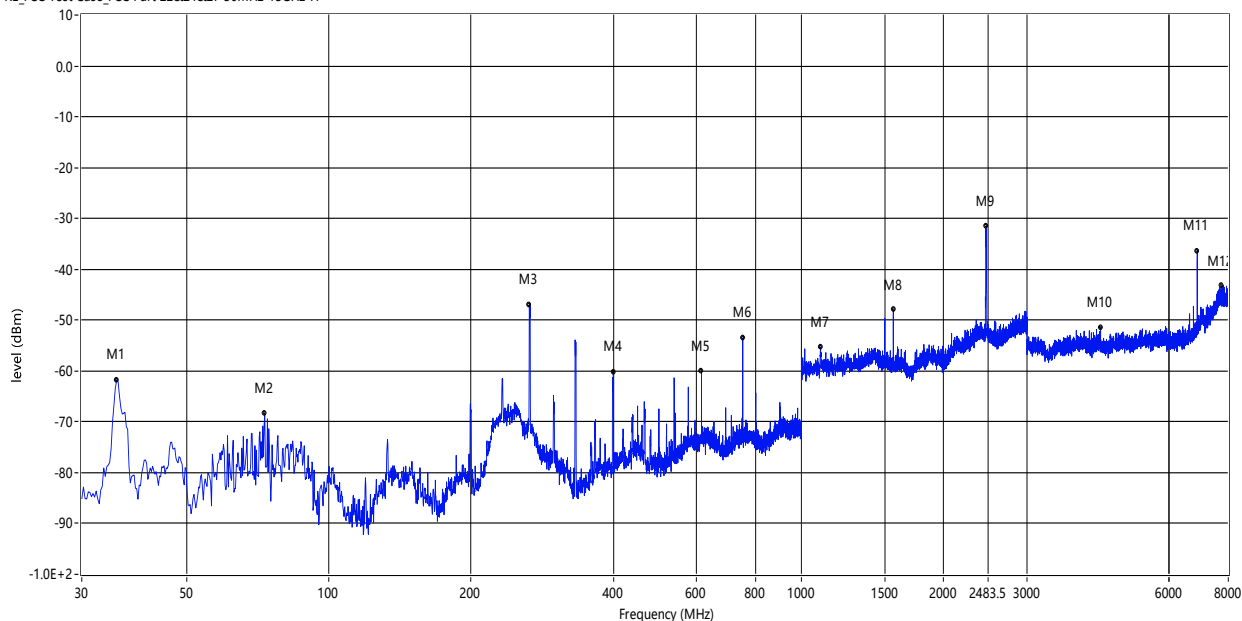


Frequency (MHz)	Result (dBm)	Limit (dBm)	Over Limit (dB)	ANT	Verdict
35.820	-53.65	-13.0	-40.65	Vertical	Pass
65.162	-60.86	-13.0	-47.86	Vertical	Pass
265.468	-47.05	-13.0	-34.05	Vertical	Pass
477.898	-59.62	-13.0	-46.62	Vertical	Pass
614.425	-49.92	-13.0	-36.92	Vertical	Pass
963.868	-67.11	-13.0	-54.11	Vertical	Pass
1098.500	-54.89	-13.0	-41.89	Vertical	Pass
1564.000	-48.95	-13.0	-35.95	Vertical	Pass
2458.500	-30.08	-13.0	-17.08	Vertical	Pass
4260.000	-52.13	-13.0	-39.13	Vertical	Pass
6878.750	-36.78	-13.0	-23.78	Vertical	Pass
7818.750	-43.27	-13.0	-30.27	Vertical	Pass



Band 13_QPSK_15kHz_12#0_Mid_H

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

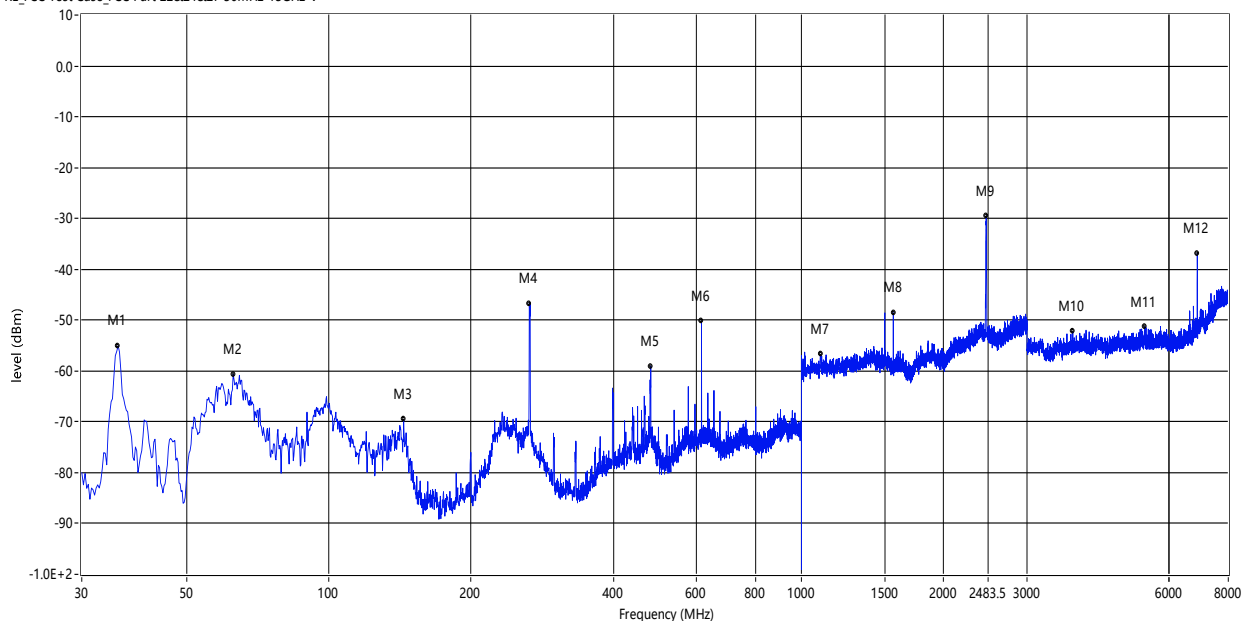


Frequency (MHz)	Result (dBm)	Limit (dBm)	Over Limit (dB)	ANT	Verdict
35.578	-61.75	-13.0	-48.75	Horizontal	Pass
73.165	-68.40	-13.0	-55.40	Horizontal	Pass
265.468	-46.95	-13.0	-33.95	Horizontal	Pass
399.813	-60.18	-13.0	-47.18	Horizontal	Pass
614.425	-60.10	-13.0	-47.10	Horizontal	Pass
751.195	-53.48	-13.0	-40.48	Horizontal	Pass
1097.500	-55.29	-13.0	-42.29	Horizontal	Pass
1564.000	-47.96	-13.0	-34.96	Horizontal	Pass
2456.000	-31.51	-13.0	-18.51	Horizontal	Pass
4293.750	-51.45	-13.0	-38.45	Horizontal	Pass
6877.500	-36.40	-13.0	-23.40	Horizontal	Pass
7756.250	-43.27	-13.0	-30.27	Horizontal	Pass



Band 13_QPSK_15kHz_12#0_Mid_V

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

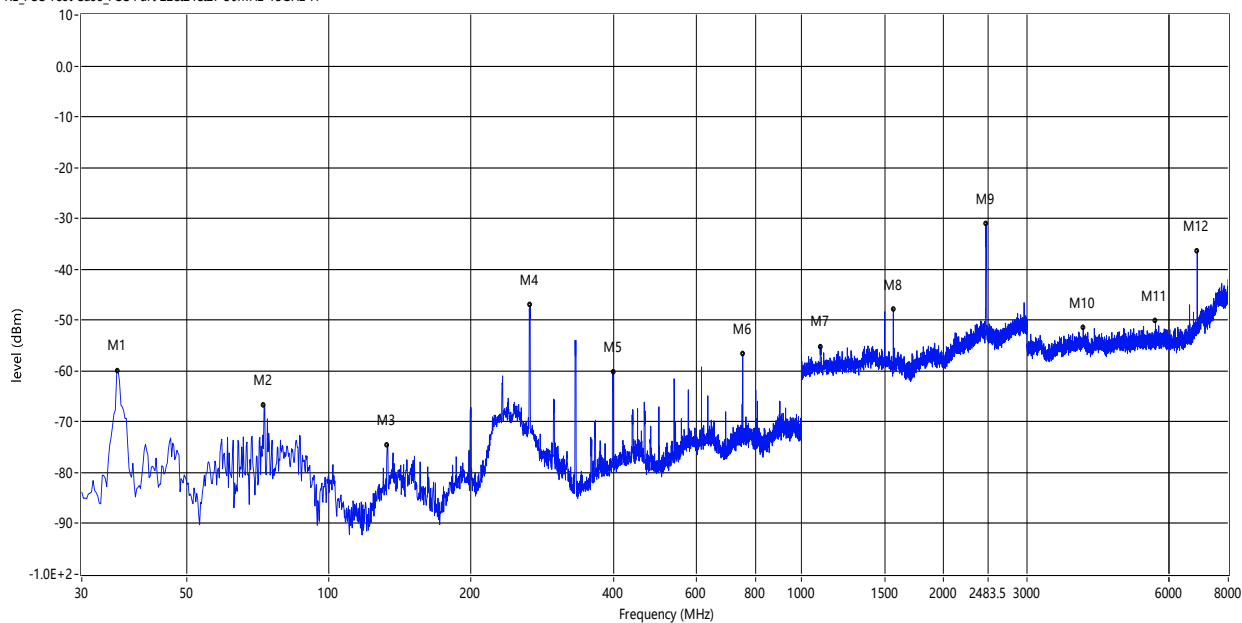


Frequency (MHz)	Result (dBm)	Limit (dBm)	Over Limit (dB)	ANT	Verdict
35.820	-55.04	-13.0	-42.04	Vertical	Pass
62.737	-60.65	-13.0	-47.65	Vertical	Pass
143.975	-69.52	-13.0	-56.52	Vertical	Pass
265.468	-46.69	-13.0	-33.69	Vertical	Pass
479.838	-59.05	-13.0	-46.05	Vertical	Pass
614.425	-50.17	-13.0	-37.17	Vertical	Pass
1097.000	-56.73	-13.0	-43.73	Vertical	Pass
1564.000	-48.53	-13.0	-35.53	Vertical	Pass
2458.500	-29.48	-13.0	-16.48	Vertical	Pass
3750.000	-52.26	-13.0	-39.26	Vertical	Pass
5325.000	-51.27	-13.0	-38.27	Vertical	Pass
6877.500	-36.83	-13.0	-23.83	Vertical	Pass



Band 13_QPSK_15kHz_12#0_High_H

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

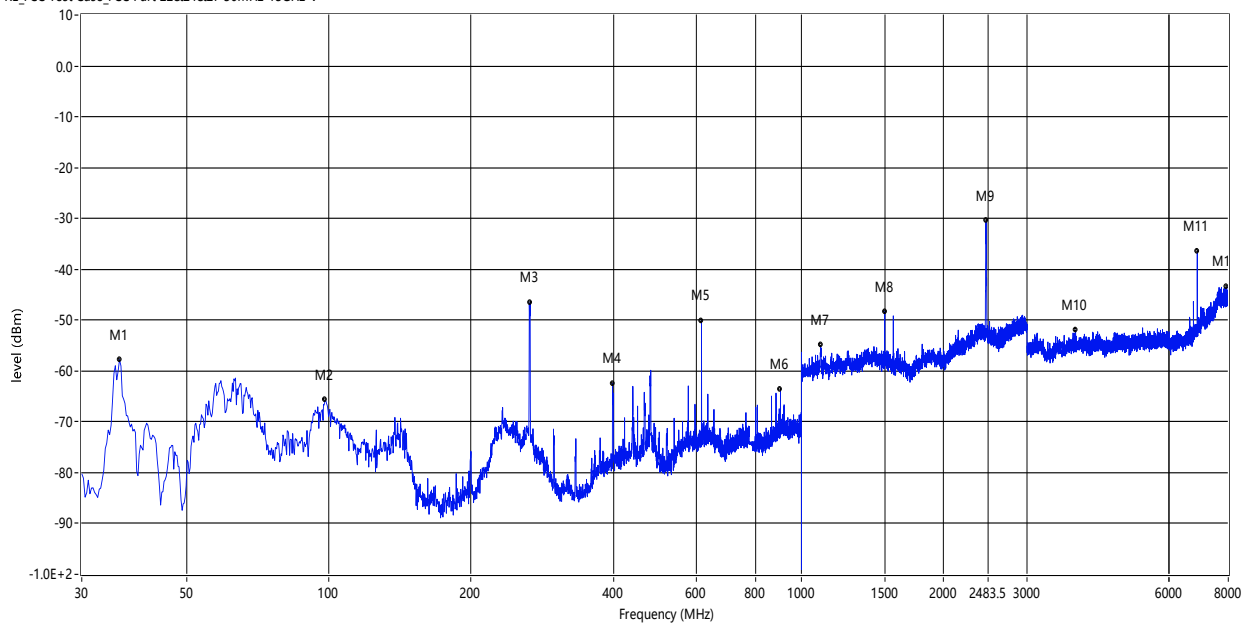


Frequency (MHz)	Result (dBm)	Limit (dBm)	Over Limit (dB)	ANT	Verdict
35.820	-59.93	-13.0	-46.93	Horizontal	Pass
72.923	-66.78	-13.0	-53.78	Horizontal	Pass
133.062	-74.69	-13.0	-61.69	Horizontal	Pass
266.438	-47.06	-13.0	-34.06	Horizontal	Pass
399.813	-60.26	-13.0	-47.26	Horizontal	Pass
751.195	-56.76	-13.0	-43.76	Horizontal	Pass
1097.500	-55.25	-13.0	-42.25	Horizontal	Pass
1564.500	-47.97	-13.0	-34.97	Horizontal	Pass
2456.000	-31.11	-13.0	-18.11	Horizontal	Pass
3945.000	-51.49	-13.0	-38.49	Horizontal	Pass
5613.750	-50.18	-13.0	-37.18	Horizontal	Pass
6876.250	-36.51	-13.0	-23.51	Horizontal	Pass



Band 13_QPSK_15kHz_12#0_High_V

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

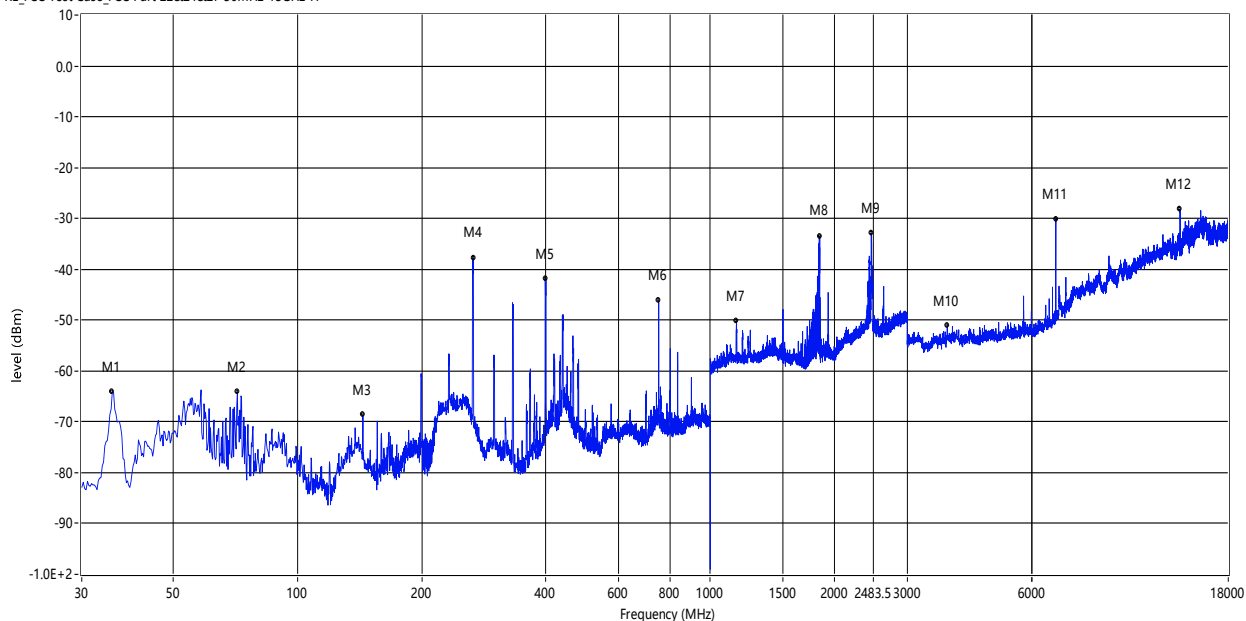


Frequency (MHz)	Result (dBm)	Limit (dBm)	Over Limit (dB)	ANT	Verdict
36.062	-57.77	-13.0	-44.77	Vertical	Pass
98.143	-65.74	-13.0	-52.74	Vertical	Pass
266.438	-46.52	-13.0	-33.52	Vertical	Pass
398.358	-62.42	-13.0	-49.42	Vertical	Pass
614.425	-50.09	-13.0	-37.09	Vertical	Pass
902.515	-63.69	-13.0	-50.69	Vertical	Pass
1098.000	-54.95	-13.0	-41.95	Vertical	Pass
1500.000	-48.32	-13.0	-35.32	Vertical	Pass
2458.500	-30.46	-13.0	-17.46	Vertical	Pass
3802.500	-51.93	-13.0	-38.93	Vertical	Pass
6877.500	-36.57	-13.0	-23.57	Vertical	Pass
7940.000	-43.51	-13.0	-30.51	Vertical	Pass



Band 25_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
35.578	-64.12	-13.0	-51.12	Horizontal	Pass
71.467	-64.19	-13.0	-51.19	Horizontal	Pass
143.975	-68.64	-13.0	-55.64	Horizontal	Pass
266.438	-37.72	-13.0	-24.72	Horizontal	Pass
399.813	-41.87	-13.0	-28.87	Horizontal	Pass
749.982	-46.21	-13.0	-33.21	Horizontal	Pass
1158.000	-50.24	-13.0	-37.24	Horizontal	Pass
1842.000	-33.49	-13.0	-20.49	Horizontal	Pass
2455.500	-32.89	-13.0	-19.89	Horizontal	Pass
3752.500	-51.15	-13.0	-38.15	Horizontal	Pass
6877.500	-30.19	-13.0	-17.19	Horizontal	Pass
13753.750	-28.16	-13.0	-15.16	Horizontal	Pass