

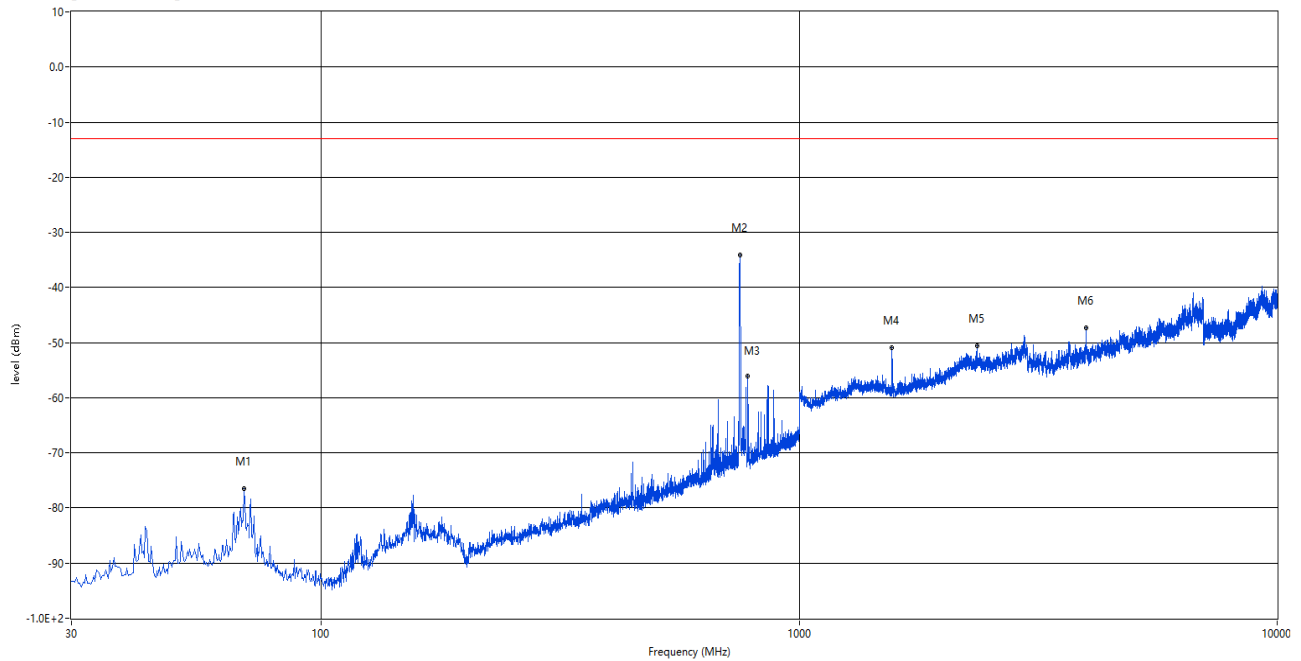
Annex A.7. LTE-M1 Field Strength of Spurious Radiation

1 LTE-M1 Band 13

2.1 LTE-M1 Band 13 Bandwidth 5MHz, Middle Channel

RSE-H&H 5wid 30MHz-10GHz MID

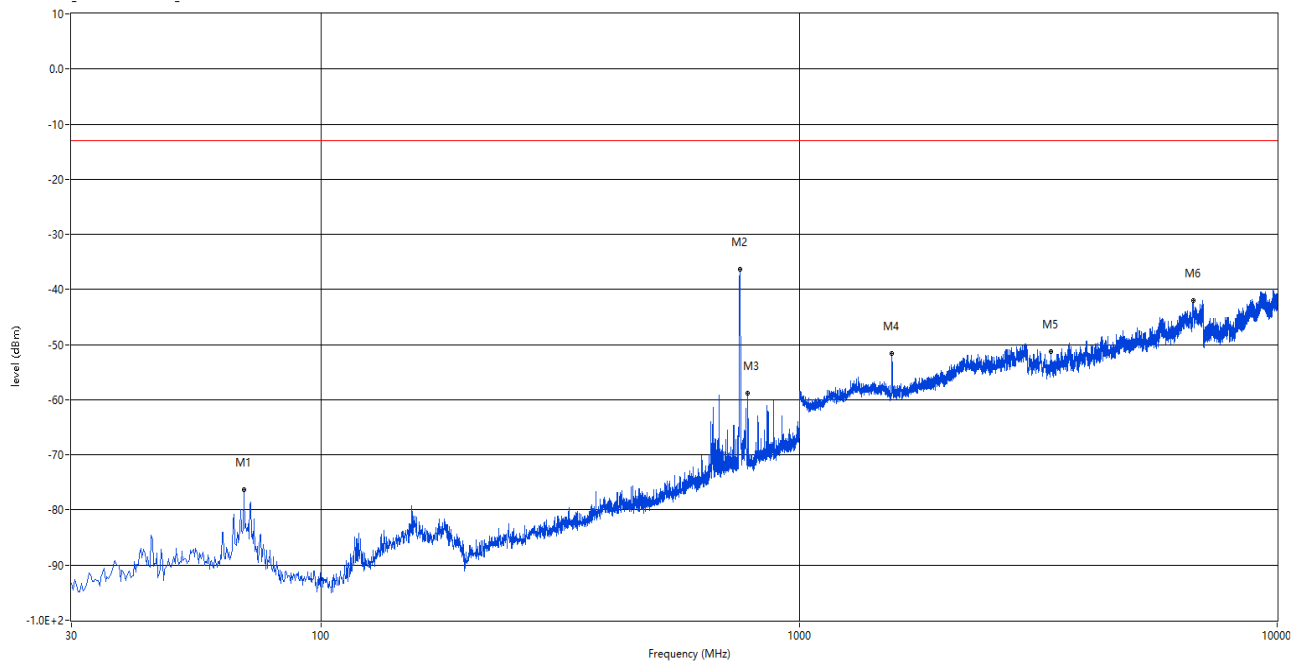
RSE Test case_FCC PART22&24&27_FCC PART 27 LTE B13



Frequency (MHz)	Result (dBm)	Factor (dB)	PK Limit (dBm)	Over Limit (dB)	Table (o)	ANT	EUT	Verdict
68.800	-76.52	-17.06	-13.0	-63.52	189.00	Horizontal	Horizontal	Pass
752.407	-34.10	-0.87	-13.0	-21.10	19.00	Horizontal	Horizontal	N/A
779.810	-56.11	0.31	-13.0	-43.11	142.00	Horizontal	Horizontal	N/A
1560.500	-50.95	-4.79	-13.0	-37.95	122.00	Horizontal	Horizontal	Pass
2353.000	-50.51	0.87	-13.0	-37.51	114.00	Horizontal	Horizontal	Pass
3985.000	-47.32	6.35	-13.0	-34.32	61.00	Horizontal	Horizontal	Pass

RSE-H&V 5wid 30MHz-10GHz MID

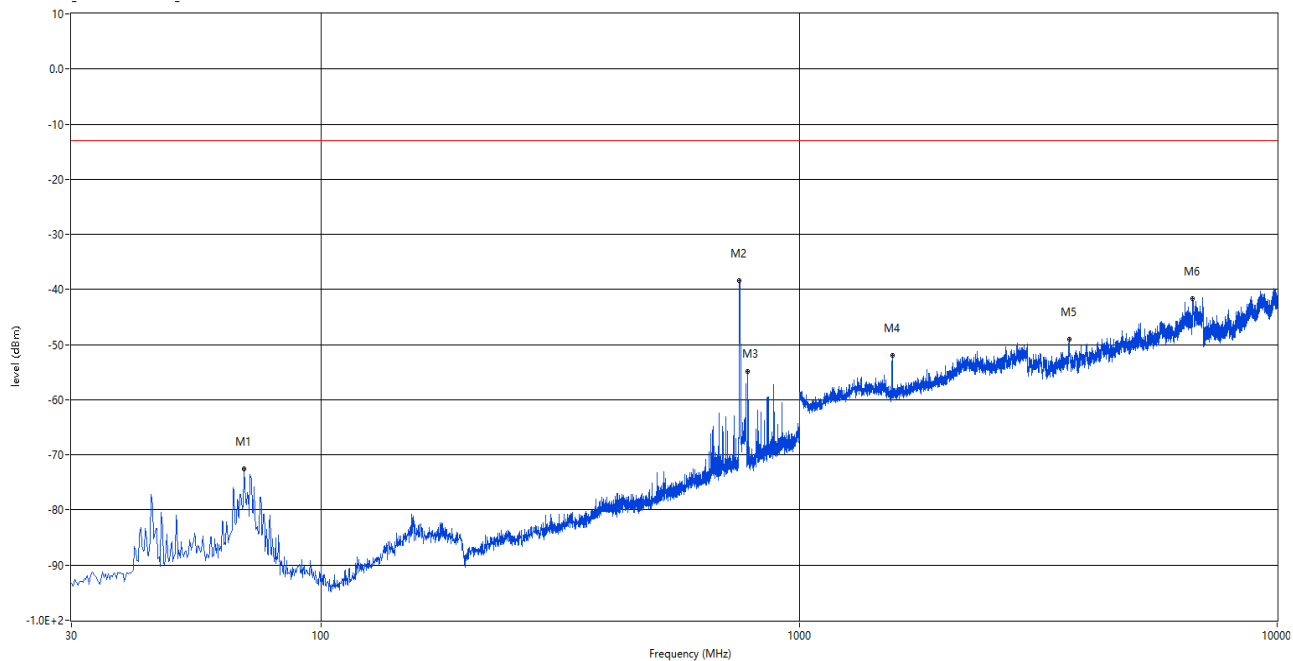
RSE Test case_FCC PART22&24&27_FCC PART 27 LTE B13



Frequency (MHz)	Result (dBm)	Factor (dB)	PK Limit (dBm)	Over Limit (dB)	Table (o)	ANT	EUT	Verdict
68.800	-76.30	-17.06	-13.0	-63.30	145.00	Horizontal	Vertical	Pass
751.195	-36.28	-0.67	-13.0	-23.28	23.00	Horizontal	Vertical	N/A
779.810	-58.87	0.31	-13.0	-45.87	333.00	Horizontal	Vertical	N/A
1560.500	-51.64	-4.79	-13.0	-38.64	120.00	Horizontal	Vertical	Pass
3366.000	-51.30	3.57	-13.0	-38.30	312.00	Horizontal	Vertical	Pass
6677.000	-42.03	13.38	-13.0	-29.03	196.00	Horizontal	Vertical	Pass

RSE-V&V 5wid 30MHz-10GHz MID

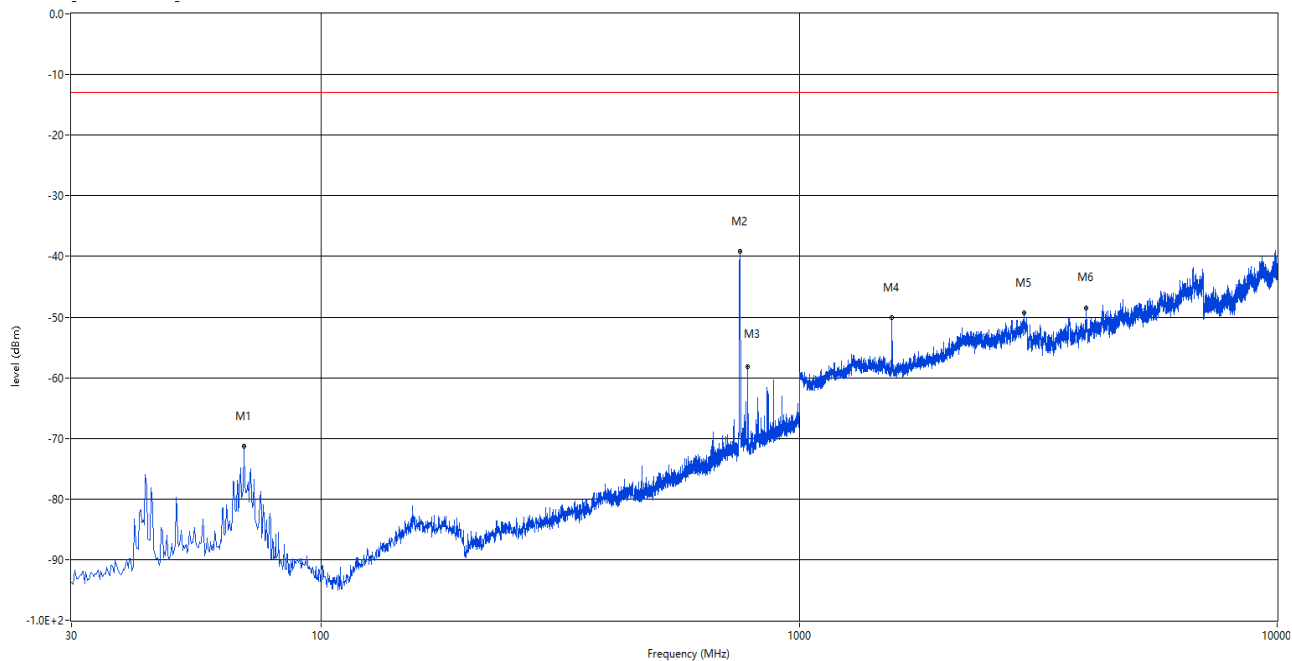
RSE Test case_FCC PART22&24&27_FCC PART 27 LTE B13



Frequency (MHz)	Result (dBm)	Factor (dB)	PK Limit (dBm)	Over Limit (dB)	Table (o)	ANT	EUT	Verdict
69.043	-72.58	-17.03	-13.0	-59.58	73.00	Vertical	Vertical	Pass
749.740	-38.47	-0.67	-13.0	-25.47	0.00	Vertical	Vertical	N/A
779.810	-54.92	0.31	-13.0	-41.92	11.00	Vertical	Vertical	N/A
1569.000	-52.00	-4.46	-13.0	-39.00	108.00	Vertical	Vertical	Pass
3675.000	-49.04	5.64	-13.0	-36.04	67.00	Vertical	Vertical	Pass
6657.000	-41.64	13.16	-13.0	-28.64	293.00	Vertical	Vertical	Pass

RSE-V&H 5wid 30MHz-10GHz MID

RSE Test case_FCC PART22&24&27_FCC PART 27 LTE B13

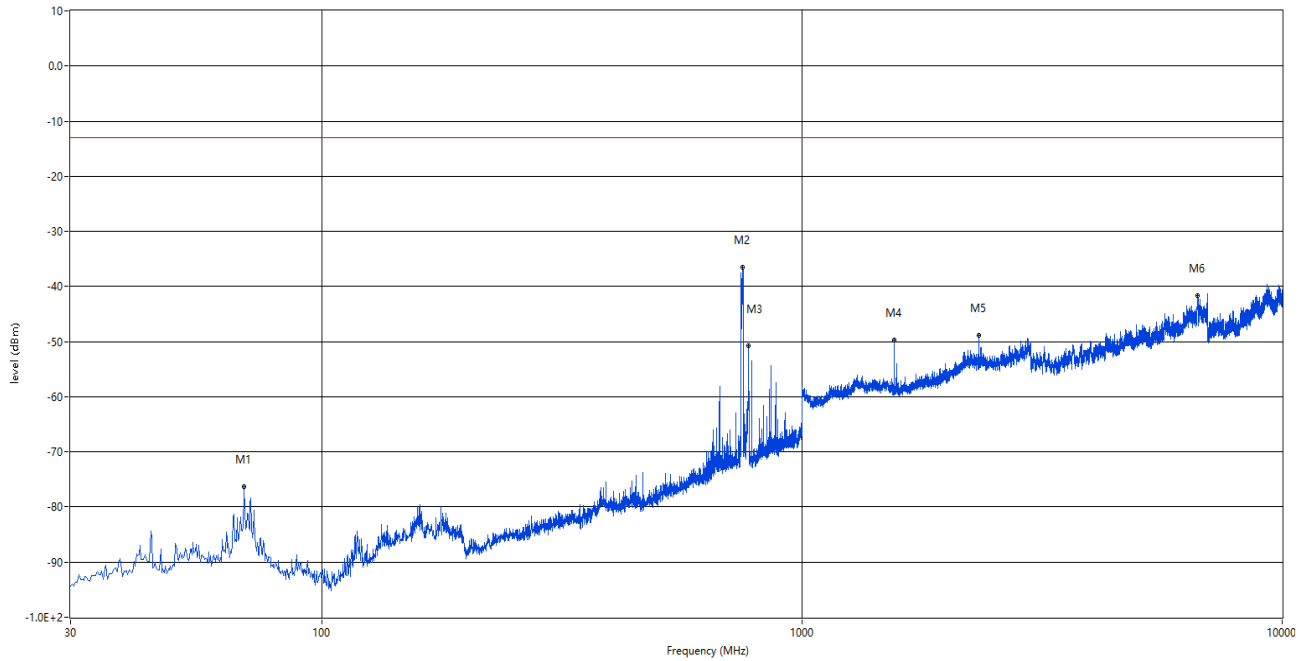


Frequency (MHz)	Result (dBm)	Factor (dB)	PK Limit (dBm)	Over Limit (dB)	Table (o)	ANT	EUT	Verdict
68.800	-71.35	-17.06	-13.0	-58.35	105.00	Vertical	Horizontal	Pass
751.195	-39.20	-0.67	-13.0	-26.20	150.00	Vertical	Horizontal	N/A
779.810	-58.14	0.31	-13.0	-45.14	128.00	Vertical	Horizontal	N/A
1560.500	-50.12	-4.79	-13.0	-37.12	81.00	Vertical	Horizontal	Pass
2955.500	-49.27	5.09	-13.0	-36.27	95.00	Vertical	Horizontal	Pass
3979.000	-48.44	6.01	-13.0	-35.44	353.00	Vertical	Horizontal	Pass

2.2 LTE-M1 Band 13 Bandwidth 10MHz, Middle Channel

RSE-H&H 10wid 30MHz-10GHz MID

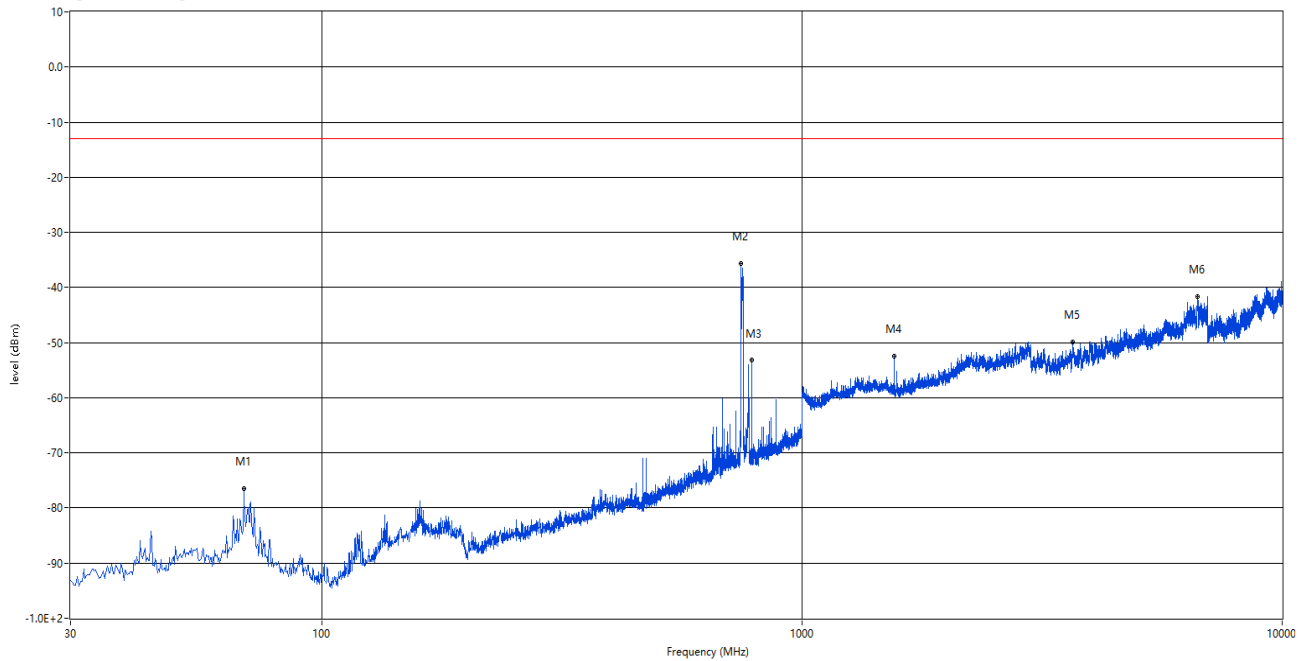
RSE Test case_FCC PART22&24&27_FCC PART 27 LTE B13



Frequency (MHz)	Result (dBm)	Factor (dB)	PK Limit (dBm)	Over Limit (dB)	Table (o)	ANT	EUT	Verdict
69.043	-76.40	-17.03	-13.0	-63.40	165.00	Horizontal	Horizontal	Pass
753.620	-36.54	-0.87	-13.0	-23.54	36.00	Horizontal	Horizontal	N/A
773.990	-50.78	0.18	-13.0	-37.78	36.00	Horizontal	Horizontal	N/A
1556.000	-49.68	-4.57	-13.0	-36.68	0.00	Horizontal	Horizontal	Pass
2333.500	-48.88	0.35	-13.0	-35.88	18.00	Horizontal	Horizontal	Pass
6663.000	-41.64	13.44	-13.0	-28.64	225.00	Horizontal	Horizontal	Pass

RSE-H&V 10wid 30MHz-10GHz MID

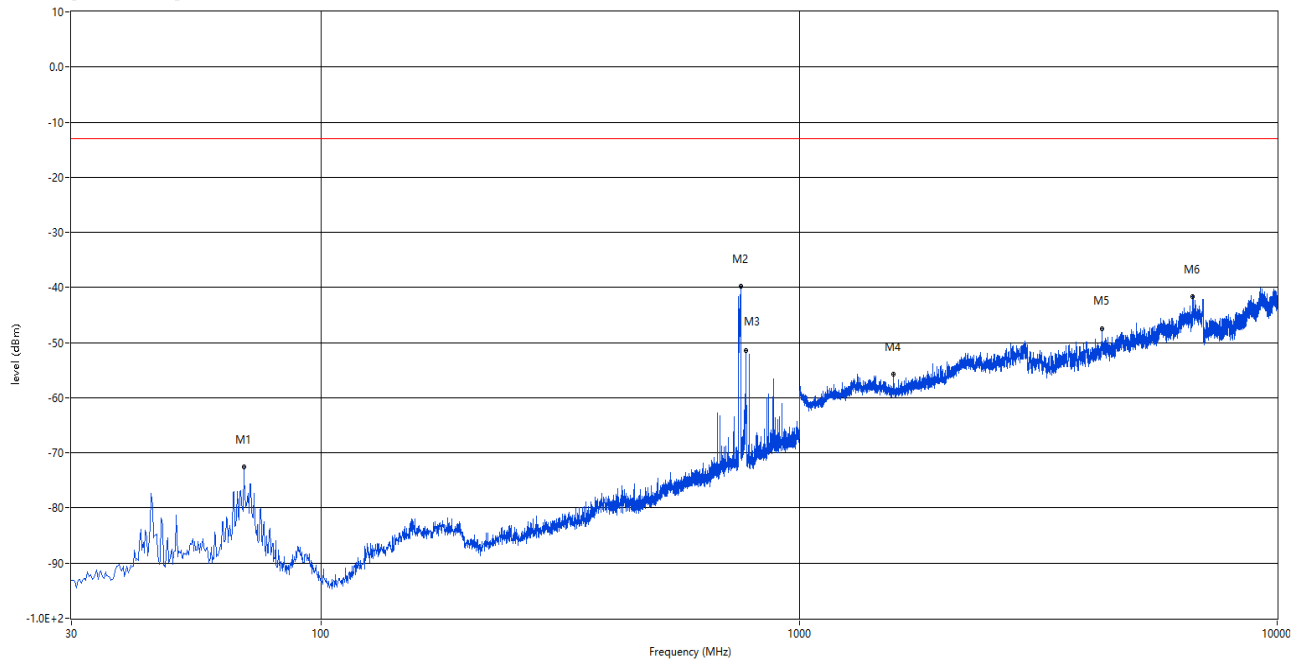
RSE Test case_FCC PART22&24&27_FCC PART 27 LTE B13



Frequency (MHz)	Result (dBm)	Factor (dB)	PK Limit (dBm)	Over Limit (dB)	Table (o)	ANT	EUT	Verdict
68.800	-76.56	-17.06	-13.0	-63.56	211.00	Horizontal	Vertical	Pass
747.073	-35.60	-0.94	-13.0	-22.60	29.00	Horizontal	Vertical	N/A
786.358	-53.19	0.36	-13.0	-40.19	90.00	Horizontal	Vertical	N/A
1556.000	-52.49	-4.57	-13.0	-39.49	108.00	Horizontal	Vertical	Pass
3668.000	-49.90	5.40	-13.0	-36.90	234.00	Horizontal	Vertical	Pass
6677.000	-41.63	13.38	-13.0	-28.63	354.00	Horizontal	Vertical	Pass

RSE-V&V 10wid 30MHz-10GHz MID

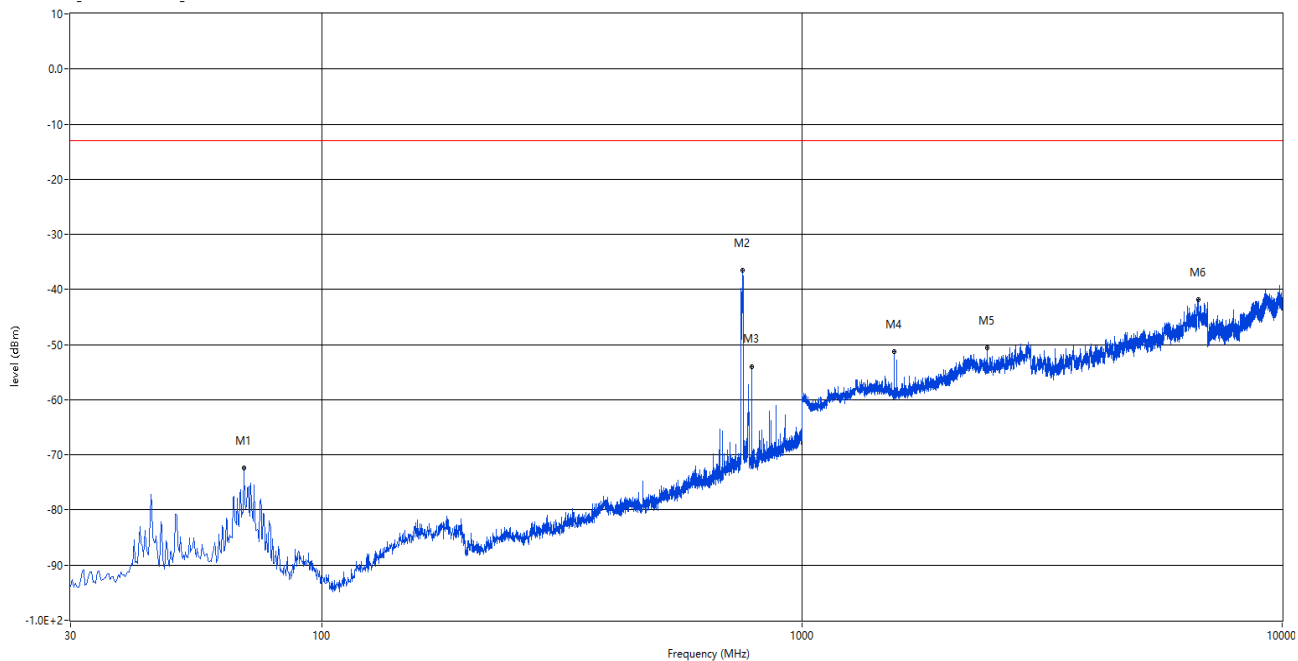
RSE Test case_FCC PART22&24&27_FCC PART 27 LTE B13



Frequency (MHz)	Result (dBm)	Factor (dB)	PK Limit (dBm)	Over Limit (dB)	Table (o)	ANT	EUT	Verdict
68.800	-72.56	-17.06	-13.0	-59.56	177.00	Vertical	Vertical	Pass
753.620	-39.83	-0.87	-13.0	-26.83	324.00	Vertical	Vertical	N/A
774.718	-51.37	0.20	-13.0	-38.37	136.00	Vertical	Vertical	N/A
1573.500	-55.76	-4.39	-13.0	-42.76	265.00	Vertical	Vertical	Pass
4304.000	-47.41	6.74	-13.0	-34.41	213.00	Vertical	Vertical	Pass
6662.000	-41.61	13.50	-13.0	-28.61	195.00	Vertical	Vertical	Pass

RSE-V&H 10wid 30MHz-10GHz MID

RSE Test case_FCC PART22&24&27_FCC PART 27 LTE B13



Frequency (MHz)	Result (dBm)	Factor (dB)	PK Limit (dBm)	Over Limit (dB)	Table (o)	ANT	EUT	Verdict
68.800	-72.43	-17.06	-13.0	-59.43	145.00	Vertical	Horizontal	Pass
753.377	-36.44	-0.87	-13.0	-23.44	109.00	Vertical	Horizontal	N/A
786.358	-53.94	0.36	-13.0	-40.94	91.00	Vertical	Horizontal	N/A
1556.000	-51.32	-4.57	-13.0	-38.32	81.00	Vertical	Horizontal	Pass
2428.000	-50.53	0.39	-13.0	-37.53	220.00	Vertical	Horizontal	Pass
6683.000	-41.85	12.65	-13.0	-28.85	331.00	Vertical	Horizontal	Pass