
Field Strength of Spurious Radiation

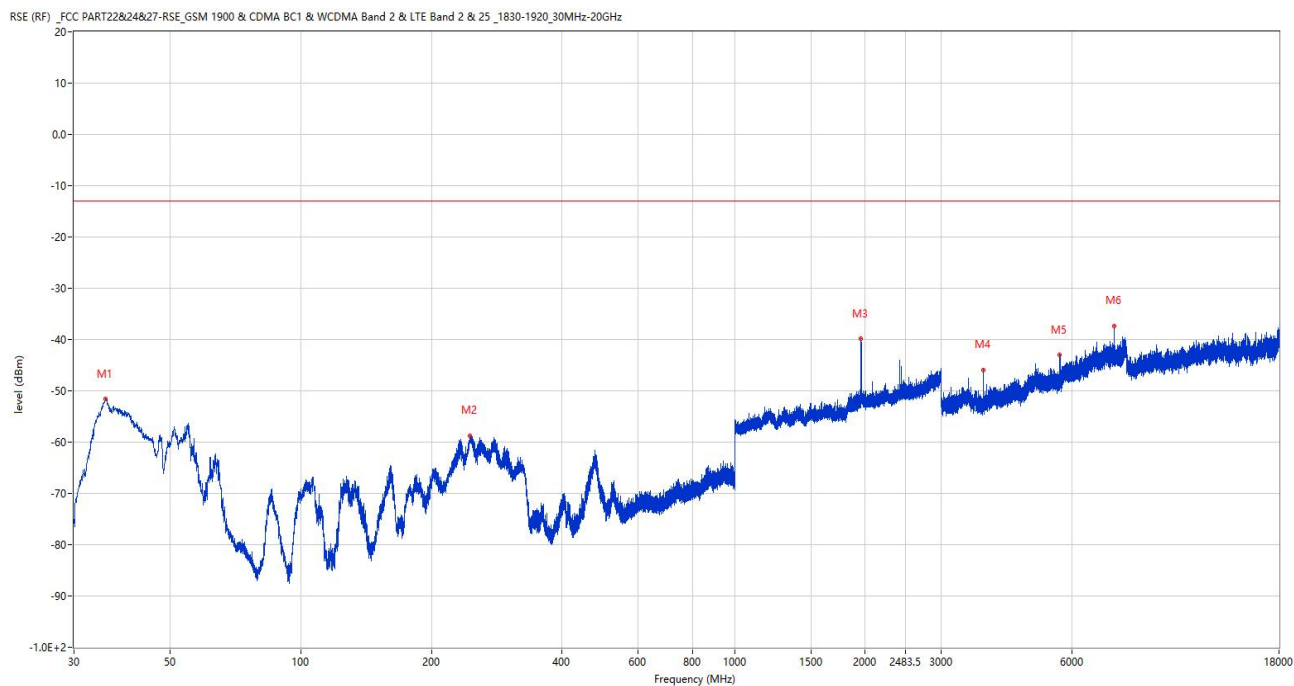
LTE Mode Test Verdict

Test Band	UL Channel	Test Bandwidth	UL Channel	UL RB Number	UL RB Position	Verdict
Band 2	18900	10	QPSK	1	LOW	Pass
Band 4	20375	5	QPSK	1	LOW	Pass
Band 5	20525	10	QPSK	1	HIGH	Pass
Band 12	23060	10	QPSK	1	HIGH	Pass
Band 13	23230	10	QPSK	1	LOW	Pass
Band 17	23800	10	QPSK	1	LOW	Pass
Band 66	132022	10	QPSK	1	LOW	Pass
Band 71	133297	5	QPSK	1	LOW	Pass

1. LTE

1.1 LTE Band 2

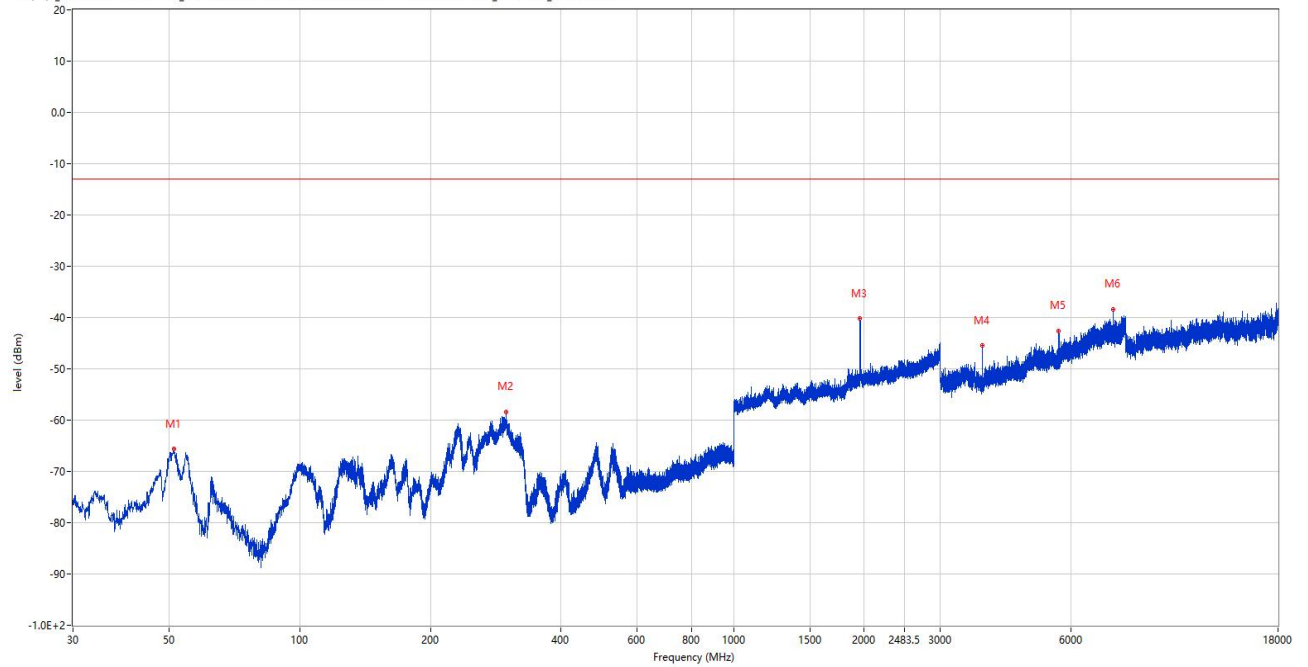
Band:LTE B2



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
35.383	-51.52	-17.12	-13.0	38.52	6.00	Vertical	Horizontal	Pass
245.000	-58.70	-12.15	-13.0	45.70	221.00	Vertical	Horizontal	Pass
1956.400	-39.87	1.73	-13.0	26.87	270.00	Vertical	Horizontal	N/A
3751.000	-45.94	6.31	-13.0	32.94	62.00	Vertical	Horizontal	Pass
5626.250	-43.01	8.87	-13.0	30.01	355.00	Vertical	Horizontal	Pass
7502.000	-37.35	13.67	-13.0	24.35	35.00	Vertical	Horizontal	Pass

Band:LTE B2

RSE (RF) _FCC PART22&24&27-RSE_GSM 1900 & CDMA BC1 & WCDMA Band 2 & LTE Band 2 & 25 _1830-1920_30MHz-20GHz

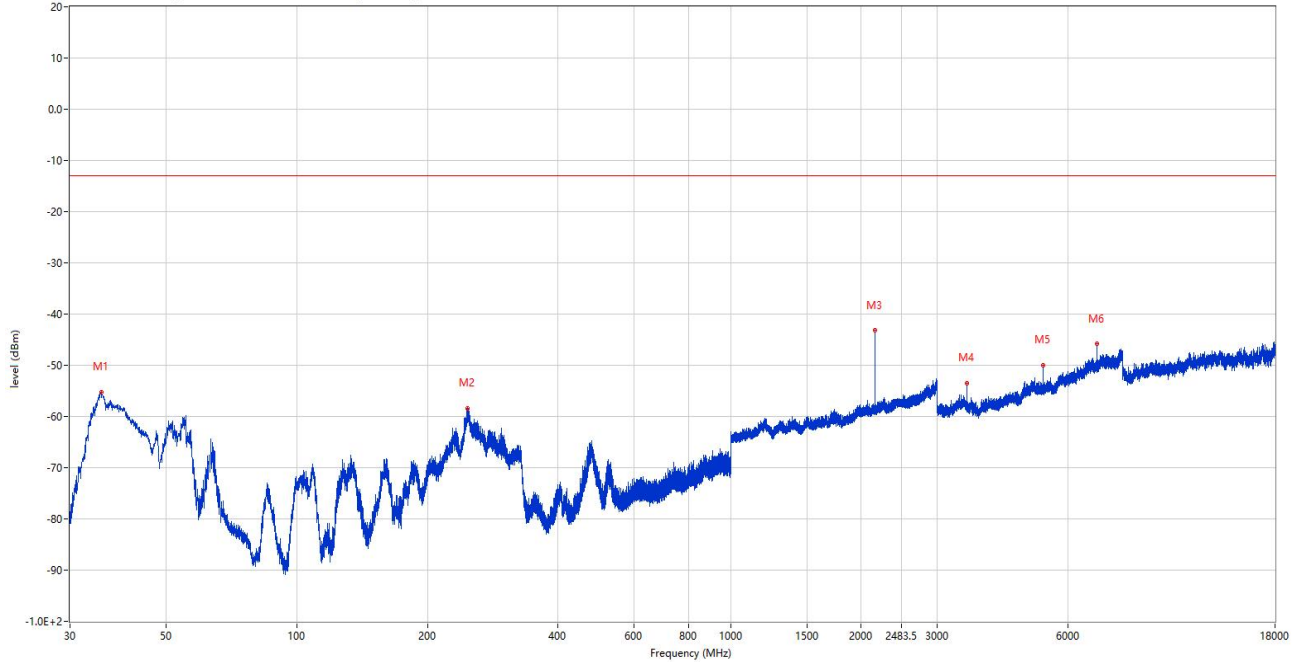


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
51.389	-65.54	-14.36	-13.0	52.54	355.00	Horizontal	Horizontal	Pass
299.030	-58.49	-10.50	-13.0	45.49	286.00	Horizontal	Horizontal	Pass
1956.600	-40.25	1.73	-13.0	27.25	335.00	Horizontal	Horizontal	N/A
3751.000	-45.37	6.31	-13.0	32.37	60.00	Horizontal	Horizontal	Pass
5626.500	-42.57	8.86	-13.0	29.57	254.00	Horizontal	Horizontal	Pass
7502.250	-38.41	13.66	-13.0	25.41	343.00	Horizontal	Horizontal	Pass

1.2 LTE Band 4

Band:LTE B4

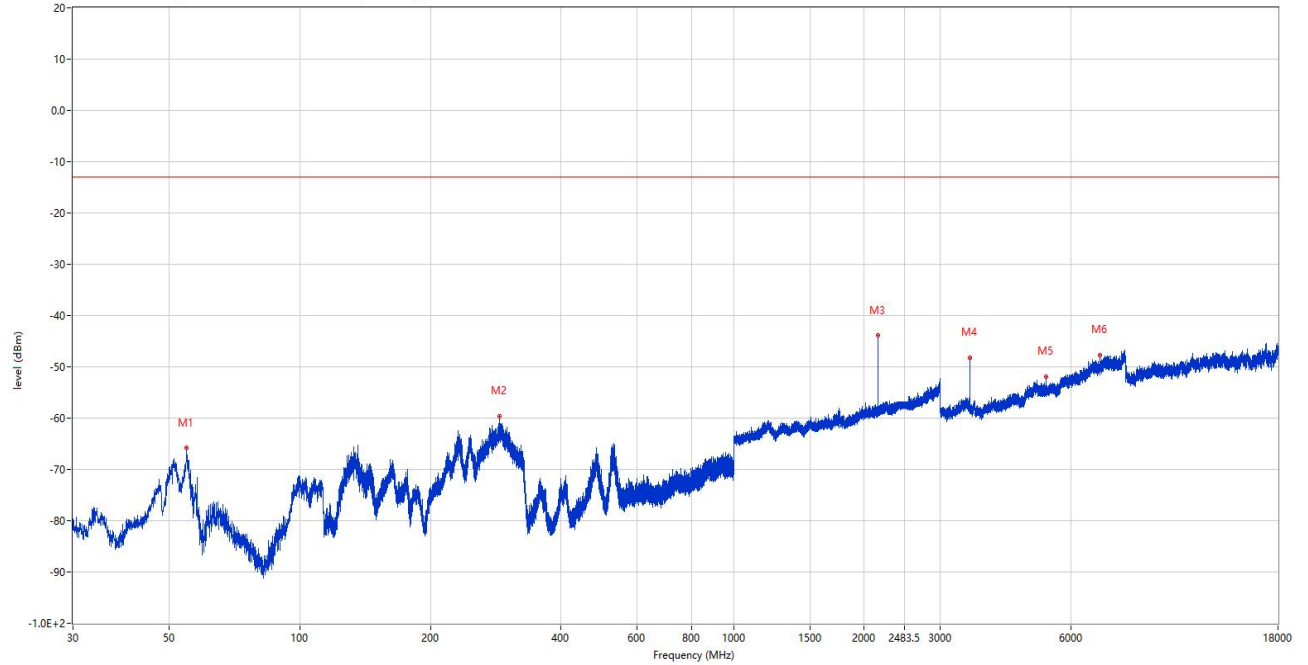
RSE (RF) _FCC PART22&24&27-RSE_WCDMA Band 4 & LTE Band 4 & 66_1710-1785_30MHz-20GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
35.529	-55.32	-17.03	-13.0	42.32	77.00	Vertical	Horizontal	Pass
247.862	-58.46	-12.22	-13.0	45.46	3.00	Vertical	Horizontal	Pass
2152.600	-43.18	2.39	-13.0	30.18	305.00	Vertical	Horizontal	N/A
3500.250	-53.48	5.55	-13.0	40.48	332.00	Vertical	Horizontal	Pass
5251.000	-49.99	9.25	-13.0	36.99	332.00	Vertical	Horizontal	Pass
7001.500	-45.79	13.13	-13.0	32.79	256.00	Vertical	Horizontal	Pass

Band:LTE B4

RSE (RF) _FCC PART22&24&27-RSE_WCDMA Band 4 & LTE Band 4 & 66 _1710-1785_30MHz-20GHz

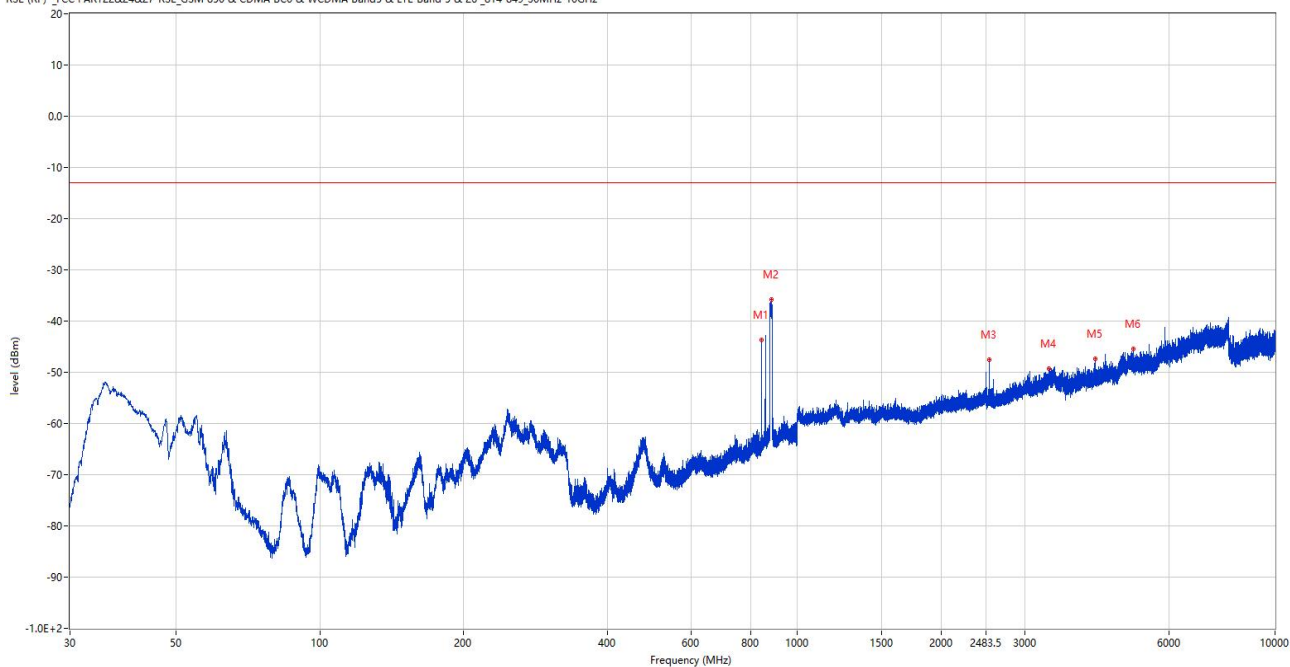


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
54.783	-65.74	-15.35	-13.0	52.74	0.00	Horizontal	Horizontal	Pass
288.117	-59.60	-10.93	-13.0	46.60	280.00	Horizontal	Horizontal	Pass
2151.400	-43.94	2.33	-13.0	30.94	339.00	Horizontal	Horizontal	N/A
3500.750	-48.24	5.54	-13.0	35.24	126.00	Horizontal	Horizontal	Pass
5250.750	-51.85	9.25	-13.0	38.85	242.00	Horizontal	Horizontal	Pass
7001.000	-47.68	13.11	-13.0	34.68	254.00	Horizontal	Horizontal	Pass

1.3 LTE Band 5

Band:LTE B5

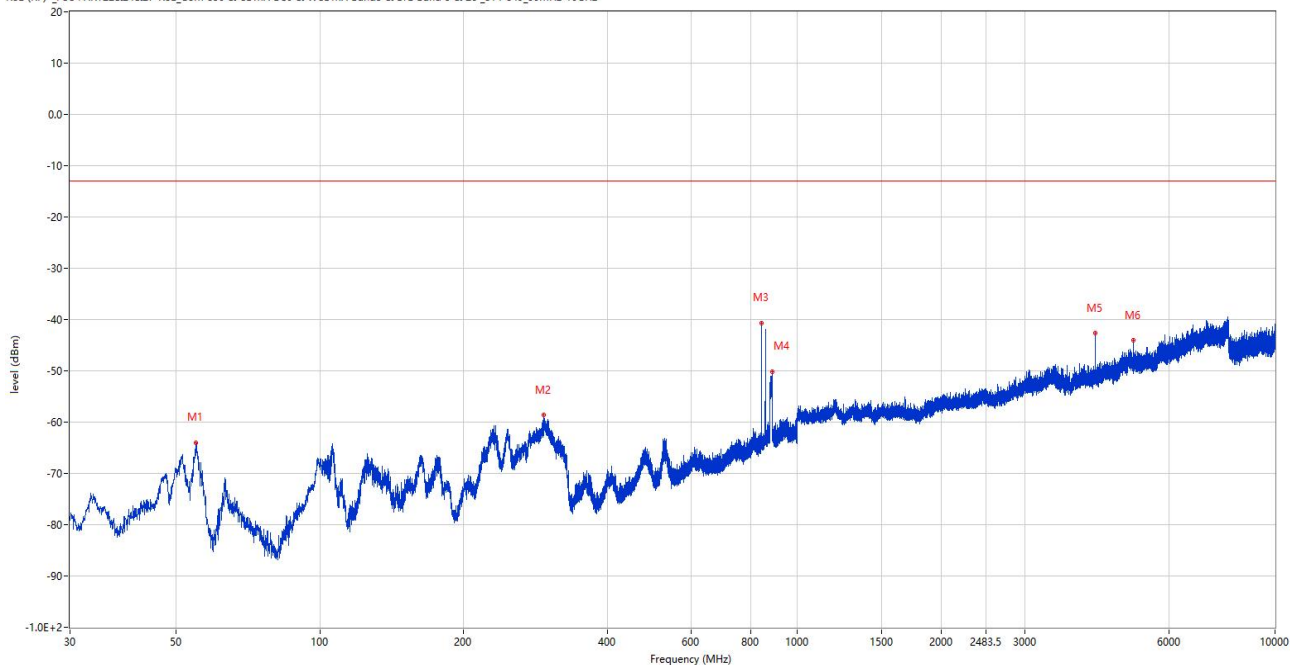
RSE (RF) _FCC PART22&24&27-RSE_GSM 850 & CDMA BC0 & WCDMA Band5 & LTE Band 5 & 26 _814-849_30MHz-10GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
840.969	-43.67	5.86	-13.0	30.67	10.00	Vertical	Horizontal	N/A
881.175	-35.87	6.91	-13.0	22.87	234.00	Vertical	Horizontal	N/A
2520.900	-47.57	-0.72	-13.0	34.57	99.00	Vertical	Horizontal	Pass
3362.000	-49.29	6.03	-13.0	36.29	132.00	Vertical	Horizontal	Pass
4204.500	-47.39	8.13	-13.0	34.39	92.00	Vertical	Horizontal	Pass
5045.750	-45.52	9.07	-13.0	32.52	39.00	Vertical	Horizontal	Pass

Band:LTE B5

RSE (RF) _FCC PART22&24&27-RSE_GSM 850 & CDMA BC0 & WCDMA Band5 & LTE Band 5 & 26_814-849_30MHz-10GHz

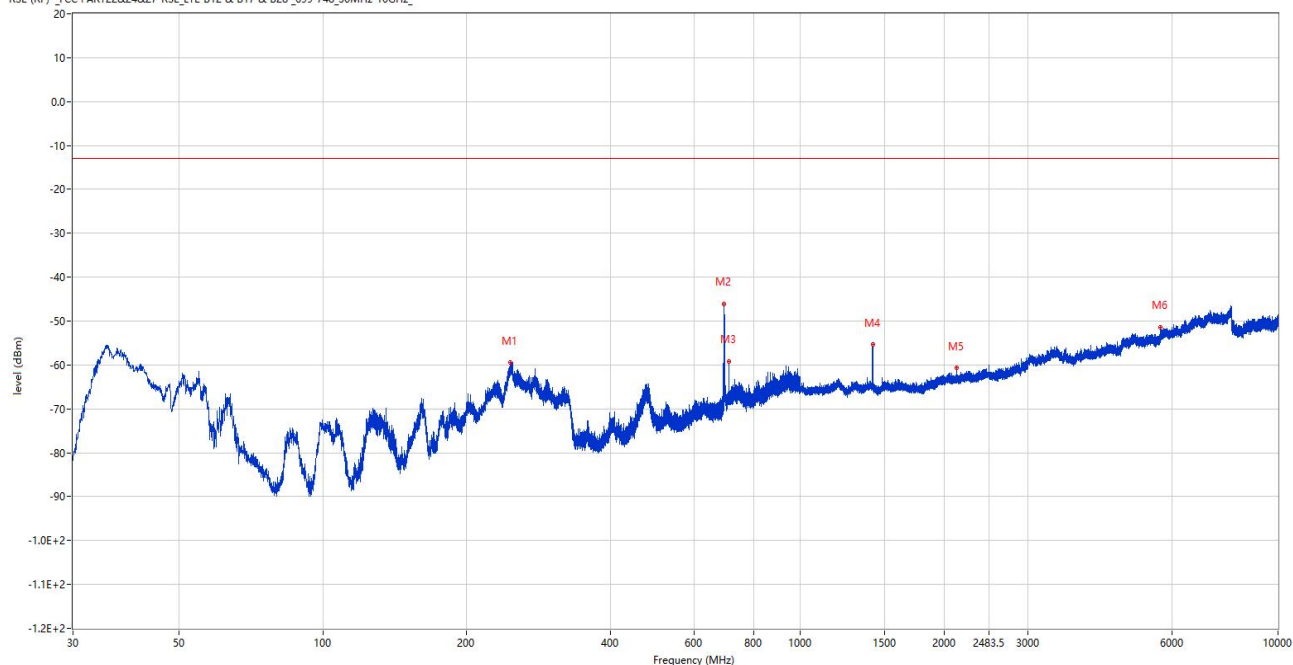


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
55.026	-63.99	-14.56	-13.0	50.99	360.00	Horizontal	Horizontal	Pass
294.131	-58.66	-8.28	-13.0	45.66	270.00	Horizontal	Horizontal	Pass
840.920	-40.68	5.85	-13.0	27.68	276.00	Horizontal	Horizontal	N/A
885.006	-50.19	6.84	-13.0	37.19	313.00	Horizontal	Horizontal	N/A
4204.500	-42.69	8.13	-13.0	29.69	168.00	Horizontal	Horizontal	Pass
5045.250	-44.05	9.07	-13.0	31.05	349.00	Horizontal	Horizontal	Pass

1.4 LTE Band 12

Band:LTE B12

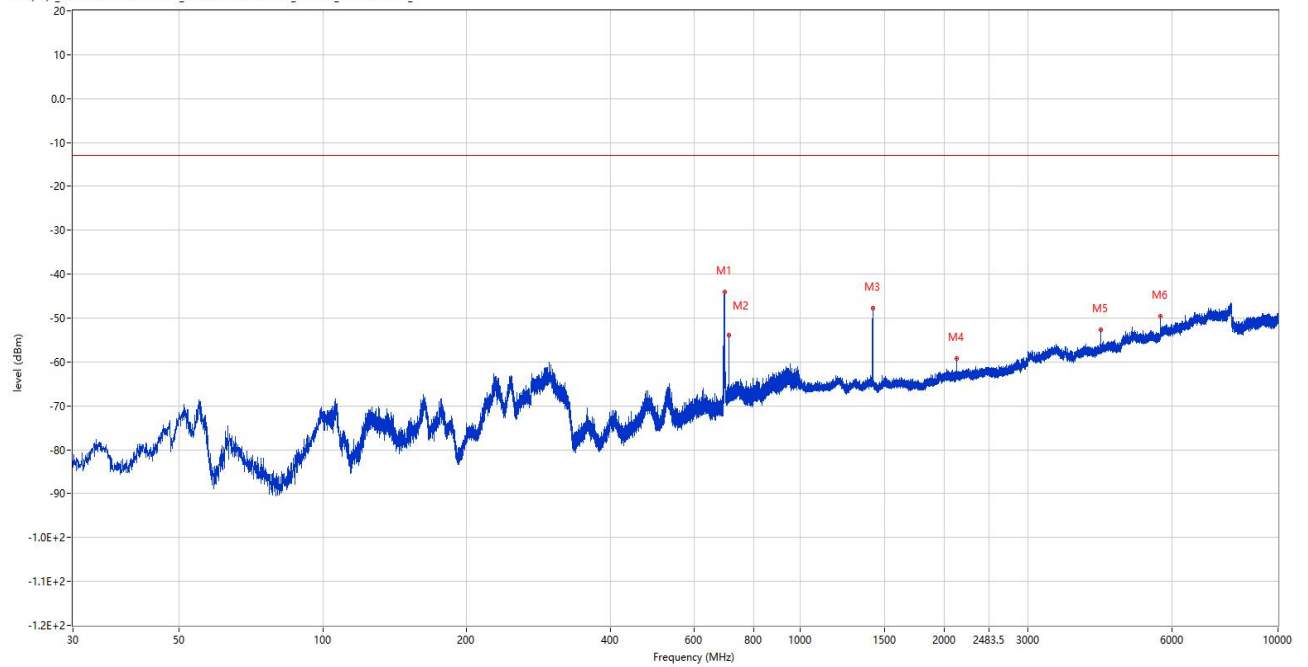
RSE (RF) _FCC PART22&24&27-RSE_LTE B12 & B17 & B28 _699-748_30MHz-10GHz_



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
246.989	-59.47	-9.40	-13.0	46.47	211.00	Vertical	Horizontal	Pass
690.716	-46.17	2.99	-13.0	33.17	34.00	Vertical	Horizontal	N/A
708.321	-59.25	5.27	-13.0	46.25	125.00	Vertical	Horizontal	N/A
1417.000	-55.30	-3.71	-13.0	42.30	19.00	Vertical	Horizontal	Pass
2125.100	-60.69	-1.75	-13.0	47.69	31.00	Vertical	Horizontal	Pass
5667.500	-51.42	9.26	-13.0	38.42	360.00	Vertical	Horizontal	Pass

Band:LTE B12

RSE (RF) _FCC PART22&24&27-RSE_LTE B12 & B17 & B28 _699-748_30MHz-10GHz_

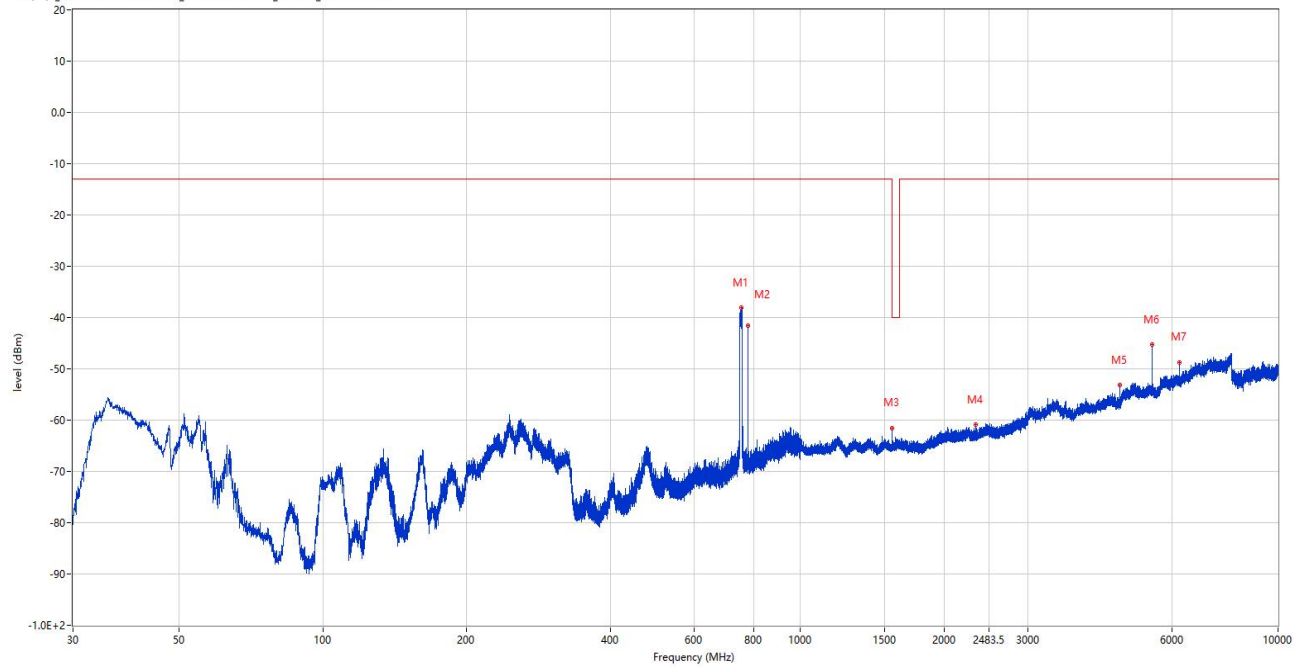


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
695.129	-44.16	4.79	-13.0	31.16	247.00	Horizontal	Horizontal	N/A
708.370	-53.85	5.28	-13.0	40.85	259.00	Horizontal	Horizontal	N/A
1416.700	-47.74	-3.71	-13.0	34.74	273.00	Horizontal	Horizontal	Pass
2125.200	-59.30	-1.75	-13.0	46.30	69.00	Horizontal	Horizontal	Pass
4250.500	-52.69	7.57	-13.0	39.69	154.00	Horizontal	Horizontal	Pass
5667.500	-49.68	9.26	-13.0	36.68	180.00	Horizontal	Horizontal	Pass

1.5 LTE Band 13

Band:LTE B13

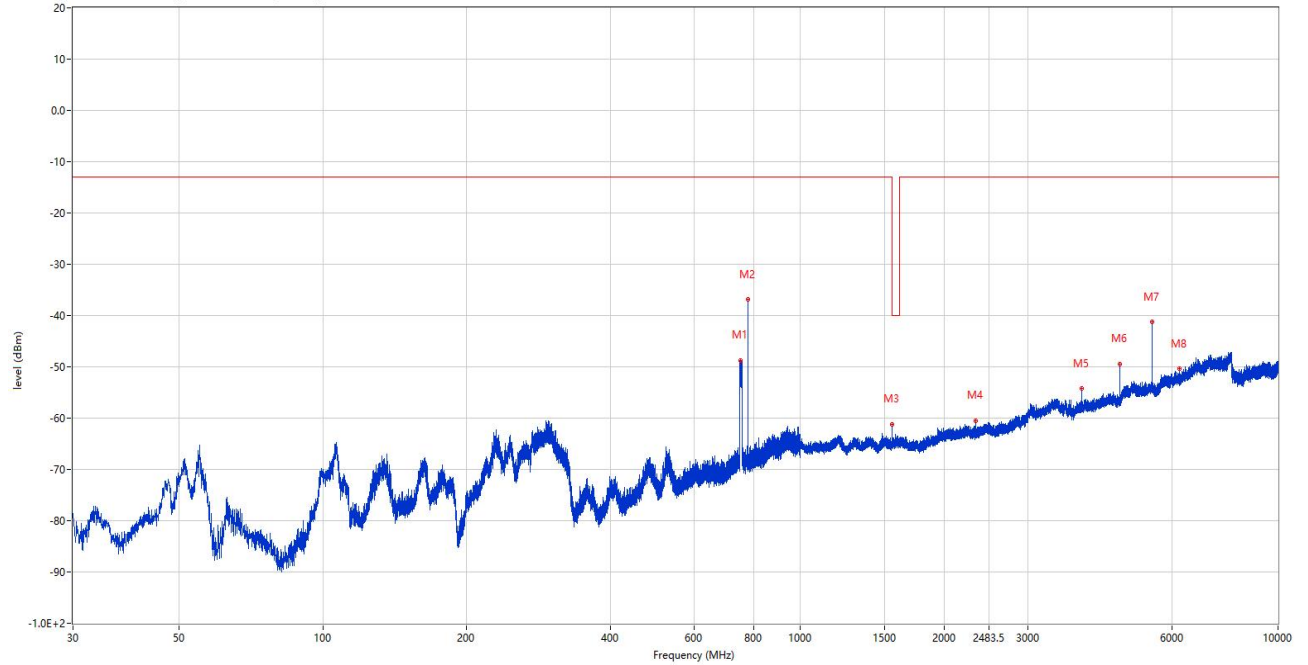
RSE (RF) _FCC PART22&24&27-RSE_LTE Band 13 & 14 _777-803_30MHz-10GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
753.474	-38.00	4.42	-13.0	25.00	259.00	Vertical	Horizontal	N/A
777.482	-41.59	4.30	-13.0	28.59	283.00	Vertical	Horizontal	N/A
1555.300	-61.52	-4.03	-13.0	48.52	77.00	Vertical	Horizontal	Pass
2333.100	-60.87	-0.66	-13.0	47.87	43.00	Vertical	Horizontal	Pass
4665.500	-53.12	7.34	-13.0	40.12	69.00	Vertical	Horizontal	Pass
5442.750	-45.31	9.91	-13.0	32.31	326.00	Vertical	Horizontal	Pass
6220.750	-48.74	10.74	-13.0	35.74	314.00	Vertical	Horizontal	Pass

Band:LTE B13

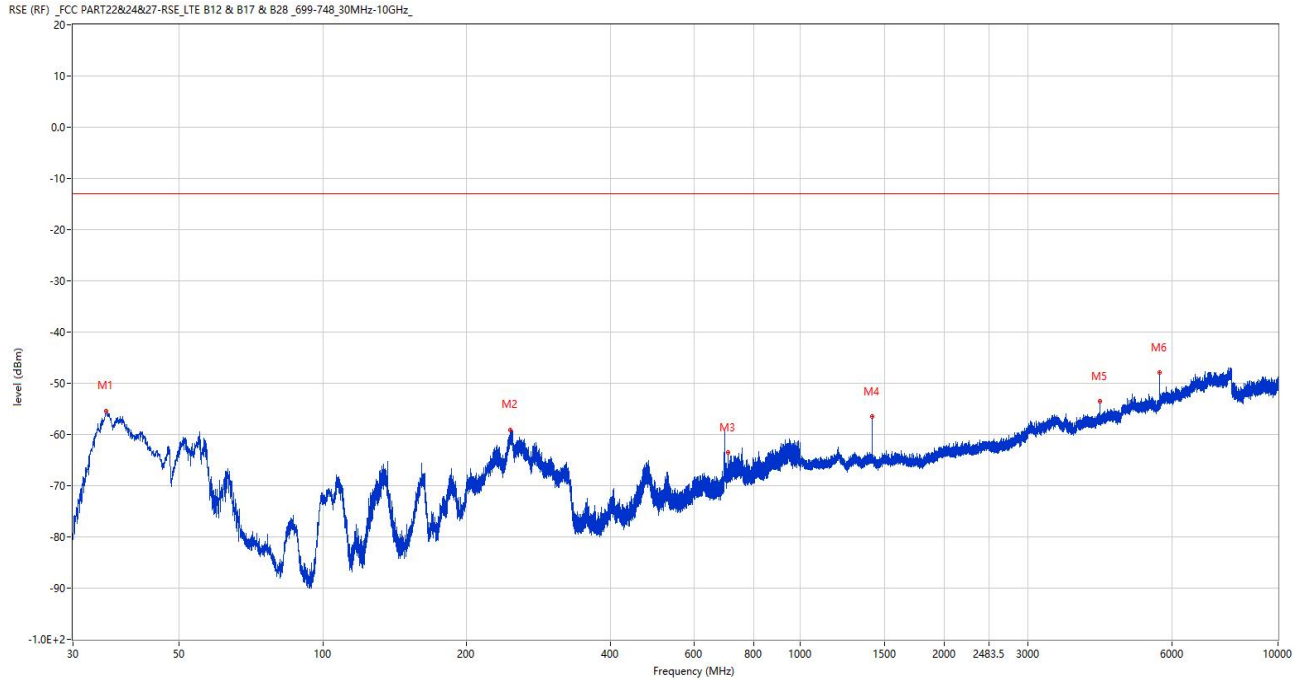
RSE (RF) _FCC PART22&24&27-RSE_LTE Band 13 & 14 _777-803_30MHz-10GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
748.721	-48.73	3.81	-13.0	35.73	129.00	Horizontal	Horizontal	N/A
777.530	-36.90	4.30	-13.0	23.90	262.00	Horizontal	Horizontal	N/A
1555.100	-61.18	-4.04	-13.0	48.18	302.00	Horizontal	Horizontal	Pass
2332.800	-60.54	-0.67	-13.0	47.54	328.00	Horizontal	Horizontal	Pass
3888.000	-54.27	6.86	-13.0	41.27	45.00	Horizontal	Horizontal	Pass
4665.500	-49.56	7.34	-13.0	36.56	345.00	Horizontal	Horizontal	Pass
5442.750	-41.25	9.91	-13.0	28.25	241.00	Horizontal	Horizontal	Pass
6221.000	-50.32	10.74	-13.0	37.32	360.00	Horizontal	Horizontal	Pass

1.6 LTE Band 17

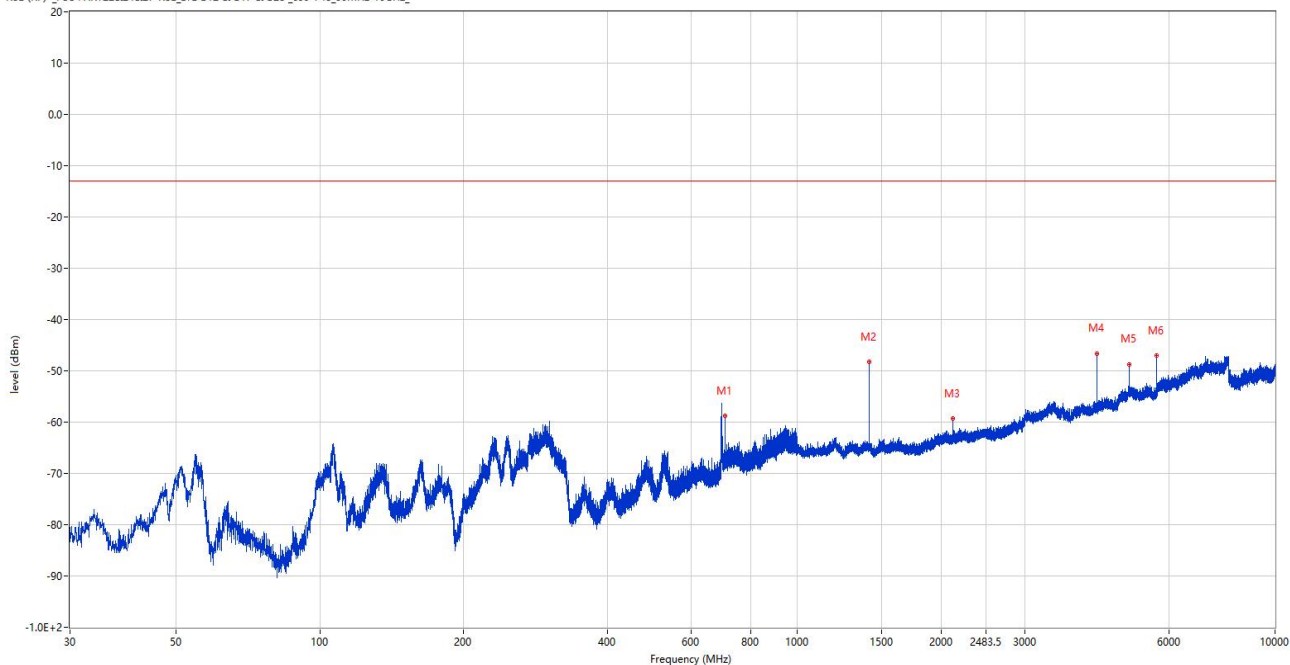
Band:LTE B17



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
35.190	-55.42	-16.50	-13.0	42.42	360.00	Vertical	Horizontal	Pass
247.377	-59.04	-9.38	-13.0	46.04	184.00	Vertical	Horizontal	Pass
706.672	-63.52	5.18	-13.0	50.52	360.00	Vertical	Horizontal	N/A
1413.100	-56.57	-3.58	-13.0	43.57	19.00	Vertical	Horizontal	Pass
4239.500	-53.47	7.88	-13.0	40.47	335.00	Vertical	Horizontal	Pass
5652.750	-47.92	8.67	-13.0	34.92	182.00	Vertical	Horizontal	Pass

Band:LTE B17

RSE (RF) _FCC PART22&24&27-RSE_LTE B12 & B17 & B28_699-748_30MHz-10GHz_

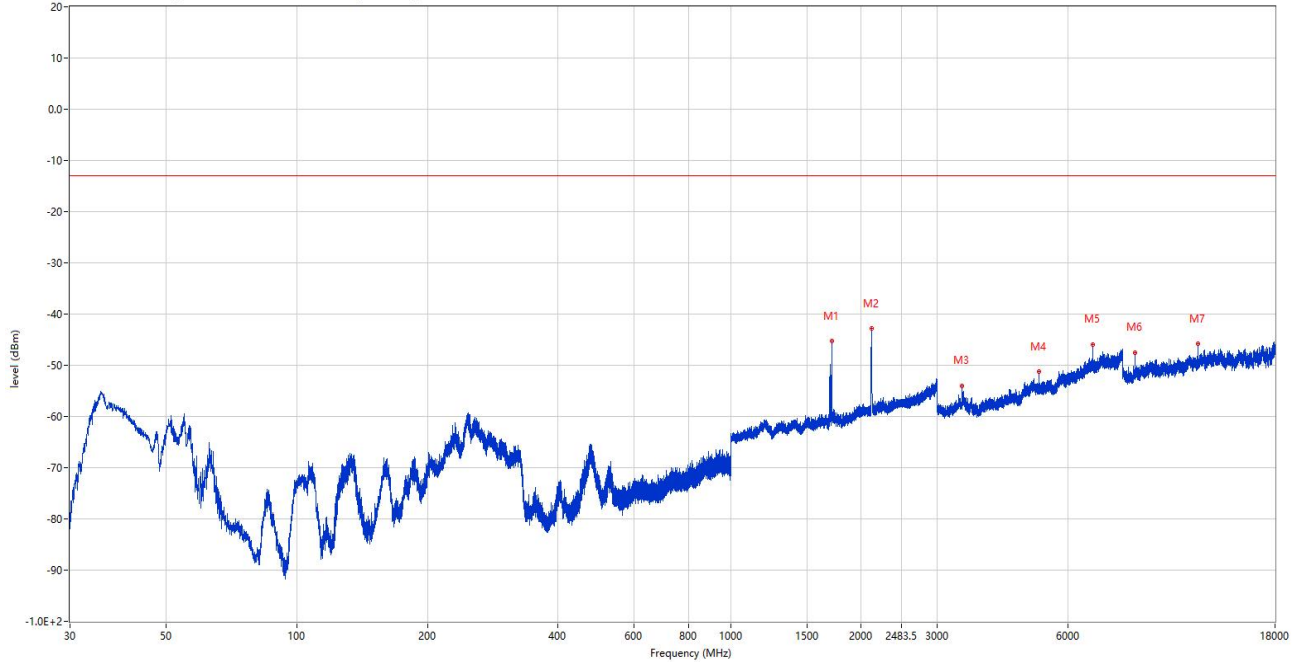


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
706.623	-58.81	5.18	-13.0	45.81	240.00	Horizontal	Horizontal	N/A
1413.100	-48.26	-3.58	-13.0	35.26	286.00	Horizontal	Horizontal	Pass
2119.700	-59.37	-1.94	-13.0	46.37	0.00	Horizontal	Horizontal	Pass
4239.500	-46.70	7.88	-13.0	33.70	154.00	Horizontal	Horizontal	Pass
4946.500	-48.74	10.26	-13.0	35.74	52.00	Horizontal	Horizontal	Pass
5652.500	-47.09	8.66	-13.0	34.09	168.00	Horizontal	Horizontal	Pass

1.7 LTE Band 66

Band:LTE B66

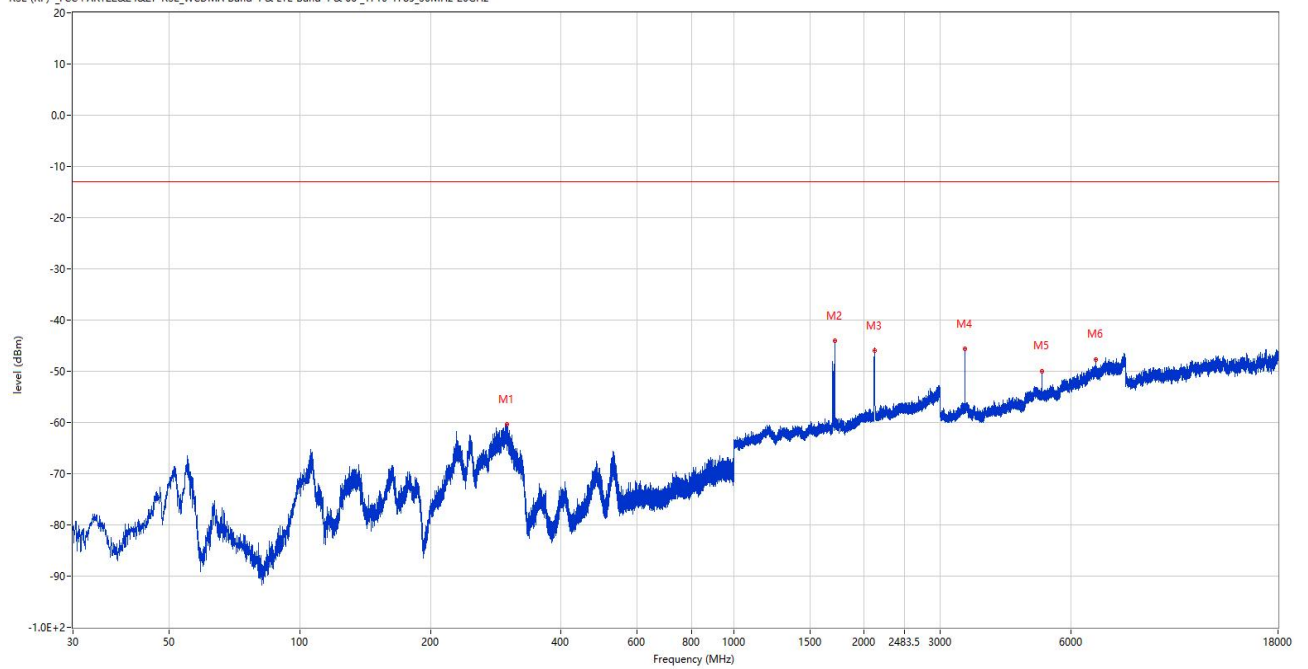
RSE (RF) _FCC PART22&24&27-RSE_WCDMA Band 4 & LTE Band 4 & 66_1710-1785_30MHz-20GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
1710.600	-45.28	0.93	-13.0	32.28	224.00	Vertical	Horizontal	N/A
2117.300	-42.82	2.56	-13.0	29.82	301.00	Vertical	Horizontal	N/A
3421.250	-54.03	6.66	-13.0	41.03	105.00	Vertical	Horizontal	Pass
5131.750	-51.23	9.11	-13.0	38.23	360.00	Vertical	Horizontal	Pass
6842.000	-45.89	13.44	-13.0	32.89	144.00	Vertical	Horizontal	Pass
8553.000	-47.54	12.26	-13.0	34.54	298.00	Vertical	Horizontal	Pass
11973.500	-45.82	15.29	-13.0	32.82	34.00	Vertical	Horizontal	Pass

Band:LTE B66

RSE (RF) _FCC PART22&24&27-RSE_WCDMA Band 4 & LTE Band 4 & 66_1710-1785_30MHz-20GHz

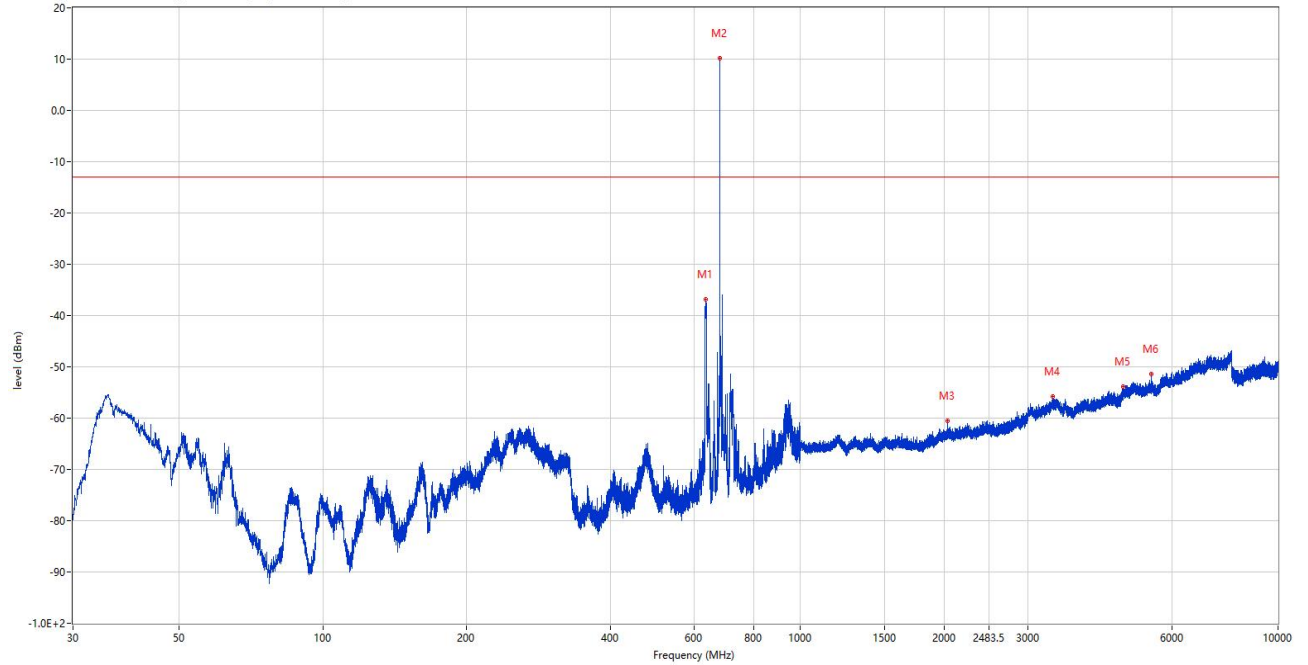


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
299.709	-60.37	-10.47	-13.0	47.37	280.00	Horizontal	Horizontal	Pass
1710.600	-44.10	0.93	-13.0	31.10	89.00	Horizontal	Horizontal	N/A
2111.500	-45.97	2.36	-13.0	32.97	44.00	Horizontal	Horizontal	N/A
3421.250	-45.64	6.66	-13.0	32.64	143.00	Horizontal	Horizontal	Pass
5132.000	-50.07	9.10	-13.0	37.07	231.00	Horizontal	Horizontal	Pass
6842.500	-47.70	13.42	-13.0	34.70	208.00	Horizontal	Horizontal	Pass

1.8 LTE Band 71

Band:LTE B71

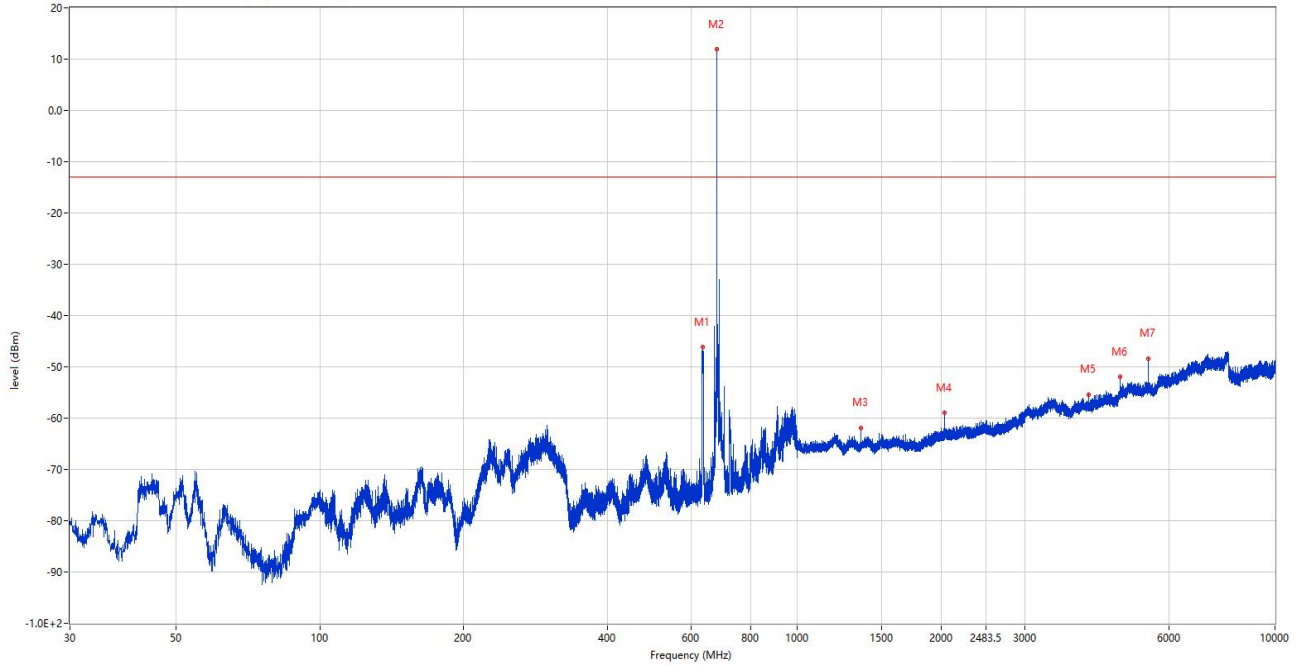
RSE (RF) _FCC PART22&24&27-RSE_LTE Band 71 _680_30MHz-10GHz_



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
633.437	-36.89	-2.31	-13.0	23.89	253.00	Vertical	Horizontal	N/A
678.251	7.36	-2.63	-13.0	-20.36	137.00	Vertical	Horizontal	N/A
2035.000	-60.61	-1.47	-13.0	47.61	13.00	Vertical	Horizontal	Pass
3370.250	-55.81	6.86	-13.0	42.81	360.00	Vertical	Horizontal	Pass
4748.250	-53.93	8.93	-13.0	40.93	3.00	Vertical	Horizontal	Pass
5427.250	-51.32	9.66	-13.0	38.32	258.00	Vertical	Horizontal	Pass

Band:LTE B71

RSE (RF) _FCC PART22&24&27-RSE_LTE Band 71_680_30MHz-10GHz_



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
633.583	-46.06	-2.32	-13.0	33.06	282.00	Horizontal	Horizontal	N/A
678.251	11.87	-2.63	-13.0	-24.87	125.00	Horizontal	Horizontal	N/A
1356.300	-61.86	-4.18	-13.0	48.86	112.00	Horizontal	Horizontal	Pass
2034.900	-58.99	-1.47	-13.0	45.99	65.00	Horizontal	Horizontal	Pass
4070.000	-55.42	6.84	-13.0	42.42	156.00	Horizontal	Horizontal	Pass
4748.250	-52.00	8.93	-13.0	39.00	1.00	Horizontal	Horizontal	Pass
5426.750	-48.38	9.63	-13.0	35.38	230.00	Horizontal	Horizontal	Pass

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