
Field Strength of Spurious Radiation

LTE Mode Test Verdict

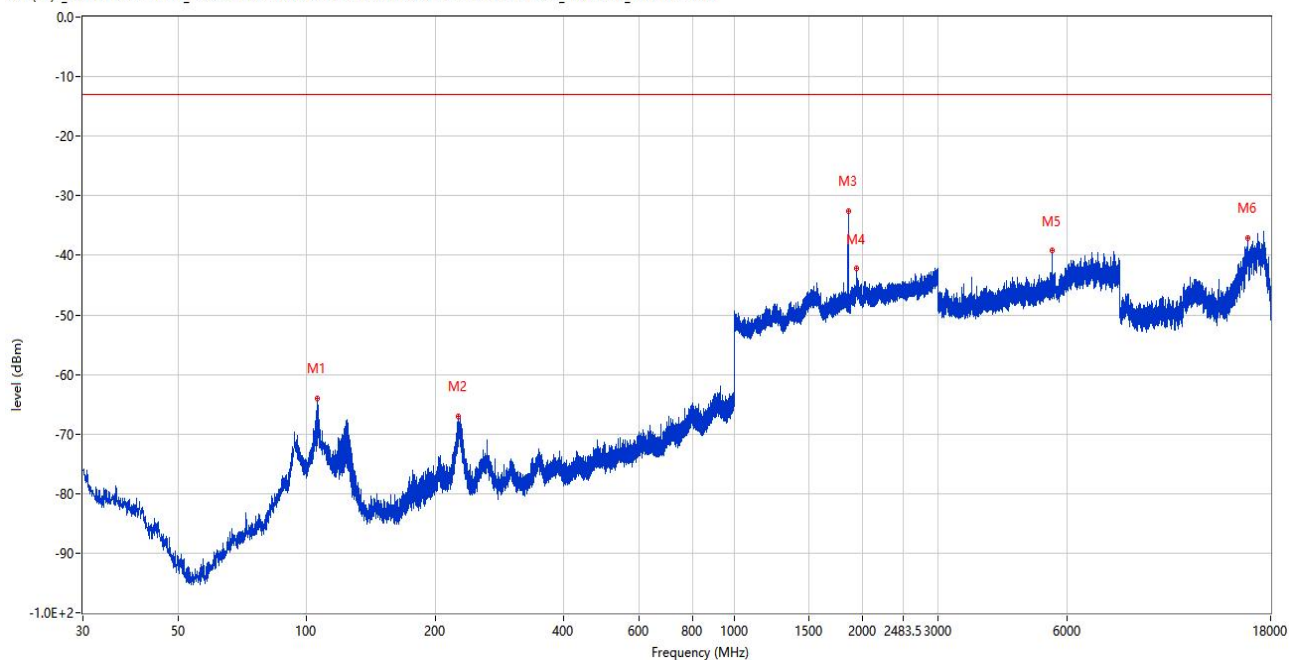
Test Band	Test Bandwidth	UL Channel	UL Modulation	UL RB Number	UL RB Position	Verdict
Band 2	5	18625	QPSK	1	LOW	Pass
Band 4	5	19975	QPSK	1	LOW	Pass
Band 12	5	23155	QPSK	1	LOW	Pass
Band 13	5	23230	QPSK	1	LOW	Pass
Band 14	5	23355	QPSK	1	LOW	Pass
Band 17	5	23825	QPSK	1	LOW	Pass
Band 25	5	26365	QPSK	1	LOW	Pass
Band 66	5	131997	QPSK	1	LOW	Pass

1. LTE

1.1 LTE Band 2

Band:LTE B2

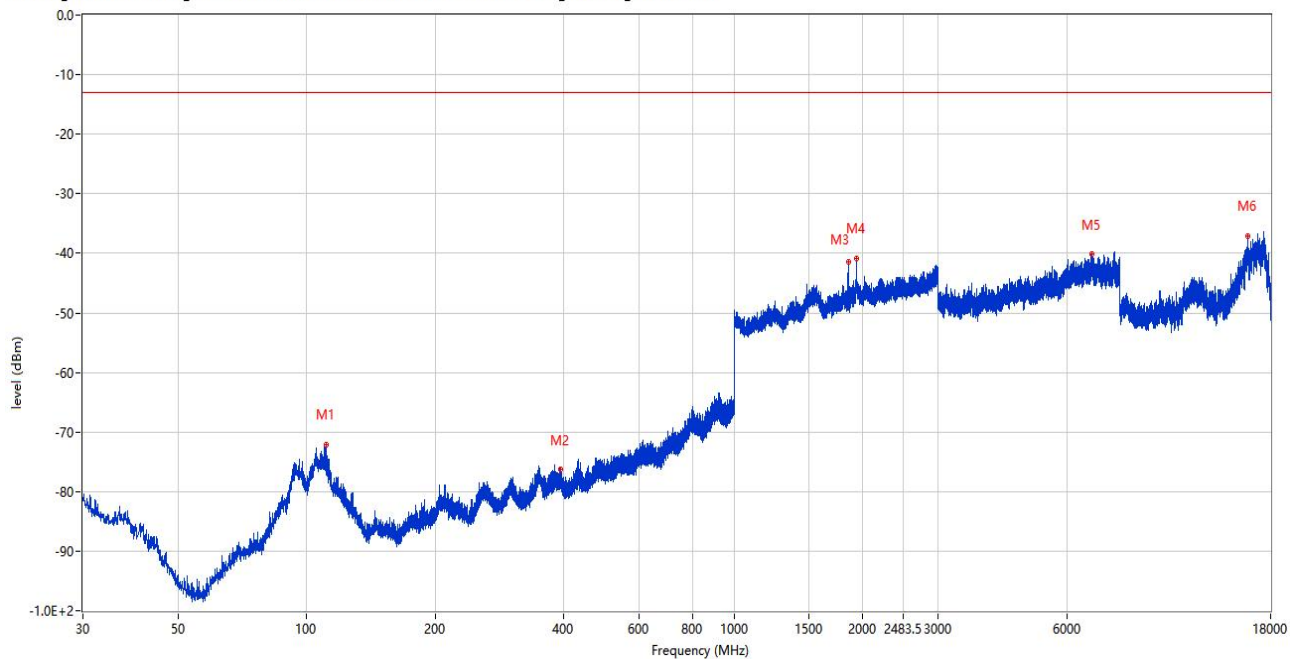
RSE (RF) _FCC PART22&24&27_GSM 1900 & CDMA BC1 & WCDMA Band 2 & LTE Band 2 & 25 _1830-1920_30MHz-20GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
106.145	-64.03	-1.19	-13.0	51.03	124.00	Vertical	Horizontal	Pass
226.764	-67.05	-9.81	-13.0	54.05	205.00	Vertical	Horizontal	Pass
1851.000	-32.61	6.42	-13.0	19.61	240.00	Vertical	Horizontal	N/A
1932.400	-42.24	8.27	-13.0	29.24	0.00	Vertical	Horizontal	N/A
5551.750	-39.23	11.77	-13.0	26.23	290.00	Vertical	Horizontal	Pass
15895.500	-37.09	28.82	-13.0	24.09	265.00	Vertical	Horizontal	Pass

Band:LTE B2

RSE (RF) _FCC PART228&24&27_GSM 1900 & CDMA BC1 & WCDMA Band 2 & LTE Band 2 & 25_1830-1920_30MHz-20GHz

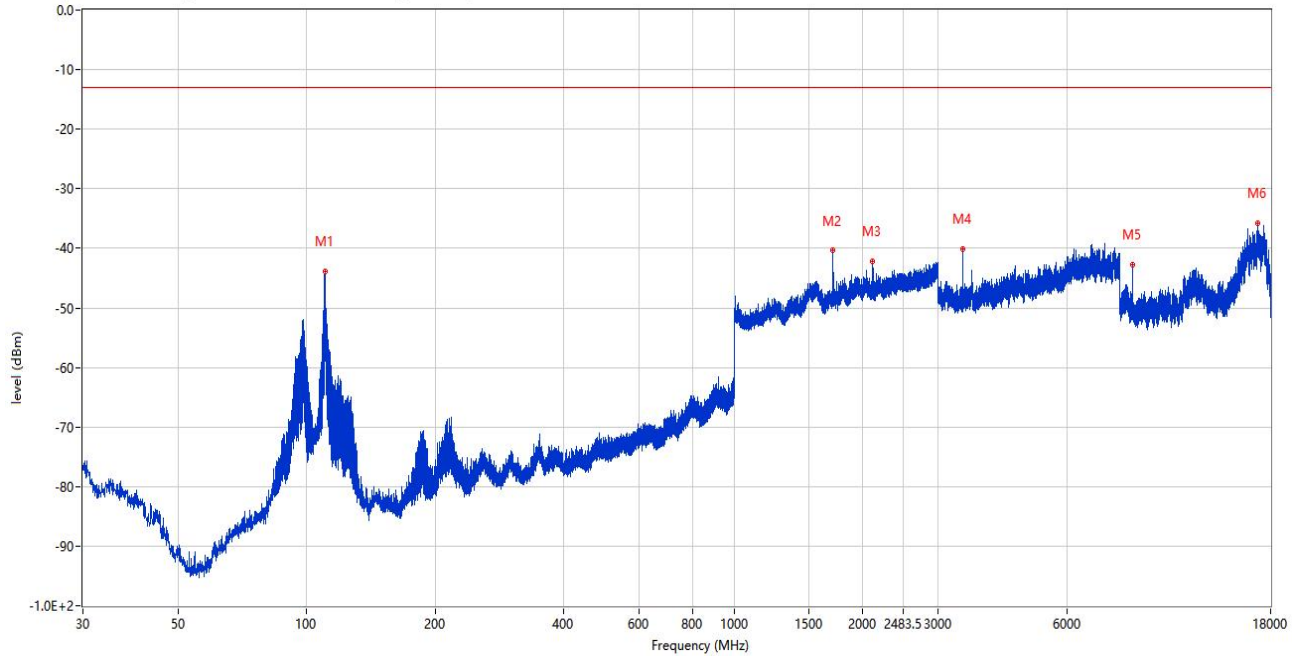


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
111.238	-72.21	-2.50	-13.0	59.21	183.00	Horizontal	Horizontal	Pass
393.798	-76.31	-5.72	-13.0	63.31	297.00	Horizontal	Horizontal	Pass
1851.200	-41.36	6.42	-13.0	28.36	201.00	Horizontal	Horizontal	N/A
1933.600	-40.92	8.26	-13.0	27.92	159.00	Horizontal	Horizontal	N/A
6868.250	-40.13	14.98	-13.0	27.13	192.00	Horizontal	Horizontal	Pass
15934.000	-37.05	29.10	-13.0	24.05	339.00	Horizontal	Horizontal	Pass

1.2 LTE Band 4

Band:LTE B4

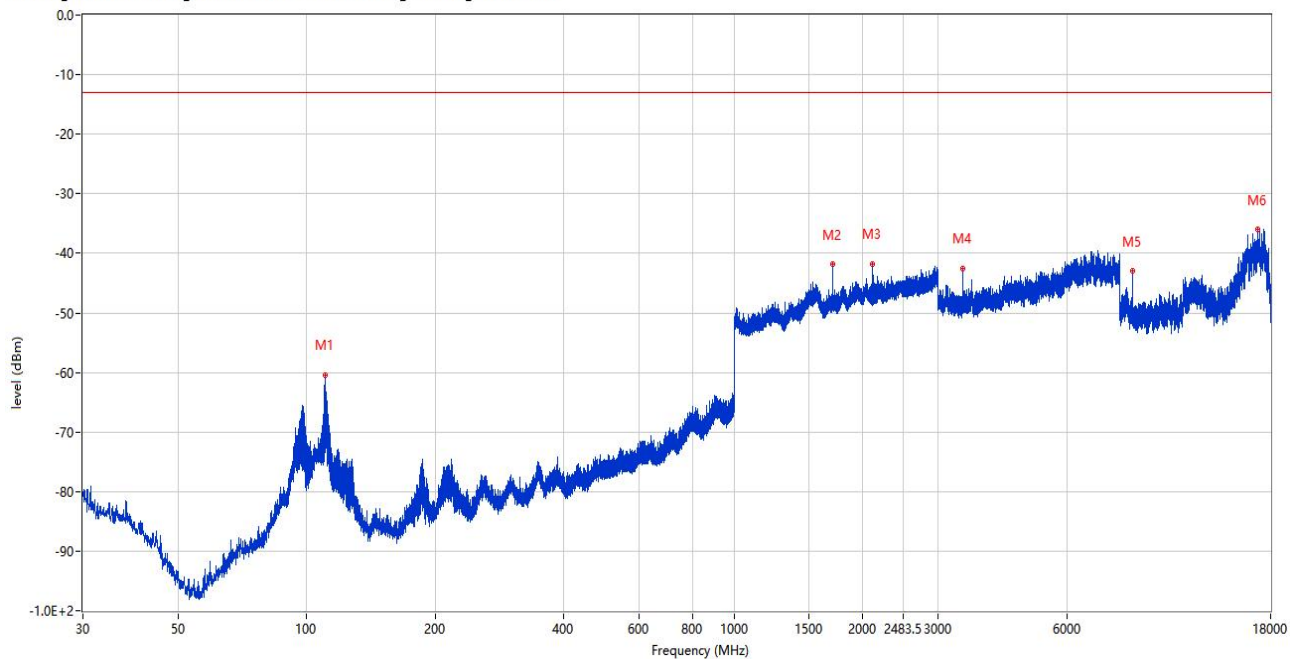
RSE (RF) _FCC PART22&24&27_WCDMA Band 4 & LTE Band 4 & 66 _1710-1785_30MHz-20GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
110.753	-43.86	-2.13	-13.0	30.86	352.00	Vertical	Horizontal	Pass
1702.700	-40.33	5.82	-13.0	27.33	196.00	Vertical	Horizontal	N/A
2111.700	-42.11	7.10	-13.0	29.11	290.00	Vertical	Horizontal	N/A
3421.250	-40.10	9.02	-13.0	27.10	205.00	Vertical	Horizontal	Pass
8551.950	-42.84	14.57	-13.0	29.84	359.00	Vertical	Horizontal	Pass
16782.525	-35.70	28.06	-13.0	22.70	211.00	Vertical	Horizontal	Pass

Band:LTE B4

RSE (RF) _FCC PART228&24&27_WCDMA Band 4 & LTE Band 4 & 66_1710-1785_30MHz-20GHz

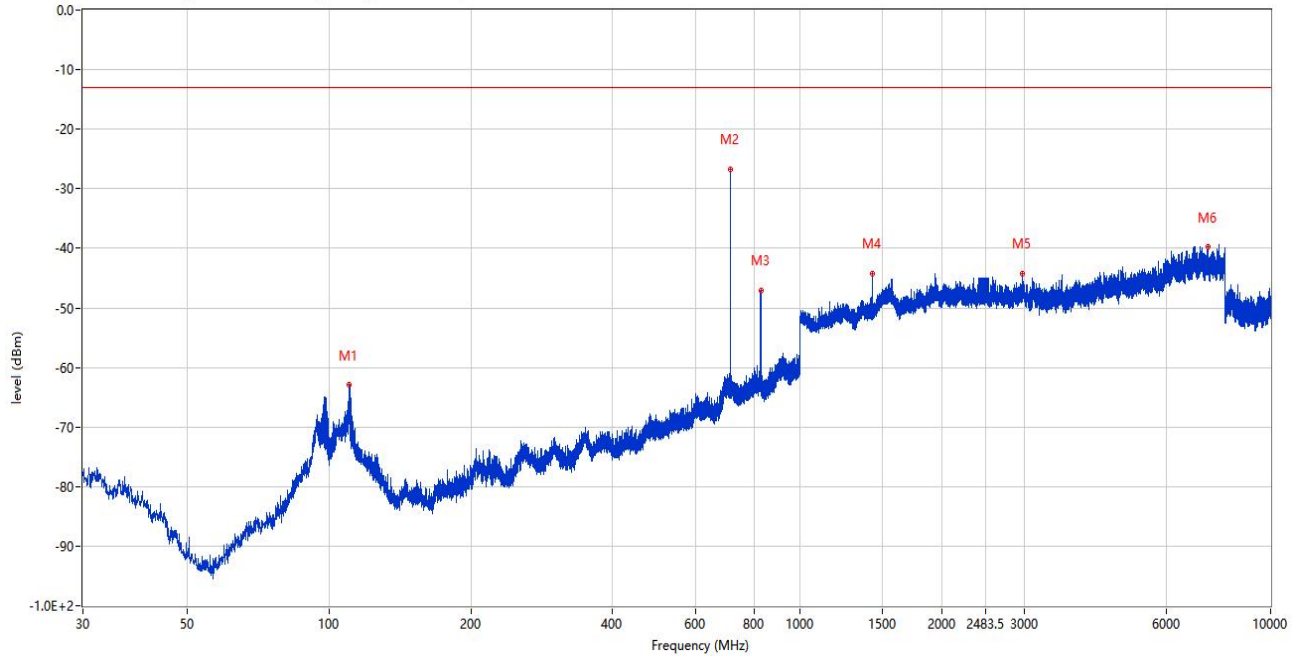


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
110.753	-60.50	-2.13	-13.0	47.50	3.00	Horizontal	Horizontal	Pass
1702.500	-41.82	5.81	-13.0	28.82	305.00	Horizontal	Horizontal	N/A
2112.500	-41.82	7.10	-13.0	28.82	88.00	Horizontal	Horizontal	N/A
3421.000	-42.55	9.03	-13.0	29.55	356.00	Horizontal	Horizontal	Pass
8552.425	-42.99	14.57	-13.0	29.99	159.00	Horizontal	Horizontal	Pass
16785.412	-36.02	28.00	-13.0	23.02	261.00	Horizontal	Horizontal	Pass

3.5 LTE Band 12

Band:LTE B12

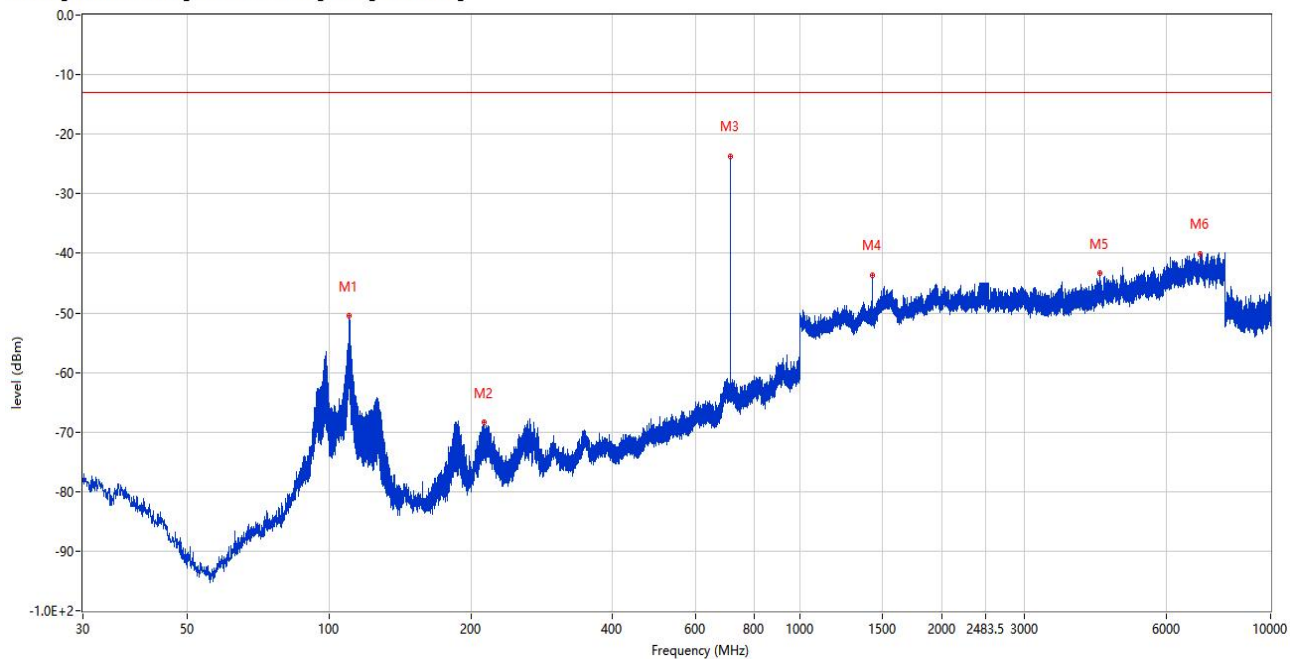
RSE (RF) _FCC PART22&24&27_LTE B12 & B17 & B28 _699-748_30MHz-10GHz_



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
110.171	-62.83	-1.26	-13.0	49.83	225.00	Vertical	Horizontal	Pass
711.377	-26.70	7.41	-13.0	13.70	90.00	Vertical	Horizontal	N/A
826.370	-47.02	7.39	-13.0	34.02	190.00	Vertical	Horizontal	N/A
1423.600	-44.24	3.59	-13.0	31.24	253.00	Vertical	Horizontal	Pass
2972.200	-44.32	8.40	-13.0	31.32	145.00	Vertical	Horizontal	Pass
7346.250	-39.75	15.39	-13.0	26.75	342.00	Vertical	Horizontal	Pass

Band:LTE B12

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

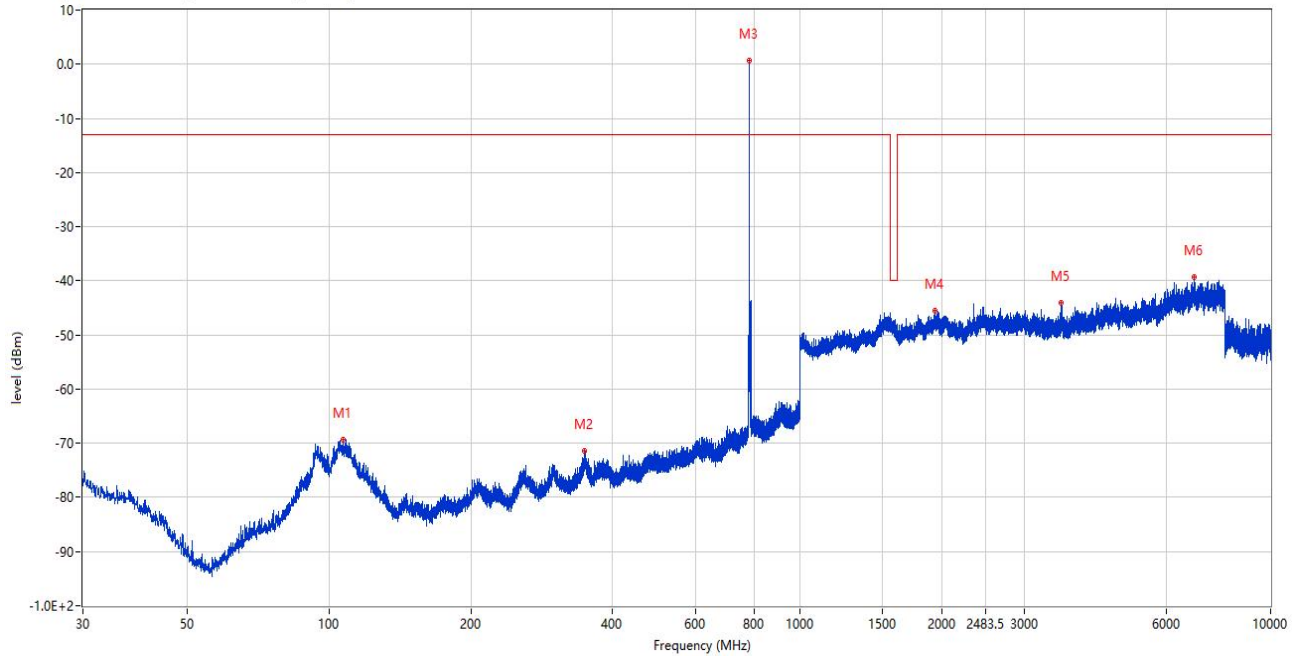


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
110.171	-50.56	-1.26	-13.0	37.56	149.00	Horizontal	Horizontal	Pass
213.863	-68.46	-8.36	-13.0	55.46	359.00	Horizontal	Horizontal	Pass
711.377	-23.68	7.41	-13.0	10.68	142.00	Horizontal	Horizontal	N/A
1423.300	-43.64	3.59	-13.0	30.64	104.00	Horizontal	Horizontal	Pass
4341.500	-43.32	11.23	-13.0	30.32	109.00	Horizontal	Horizontal	Pass
7076.000	-40.11	14.80	-13.0	27.11	29.00	Horizontal	Horizontal	Pass

1.3 LTE Band 13

Band:LTE B13

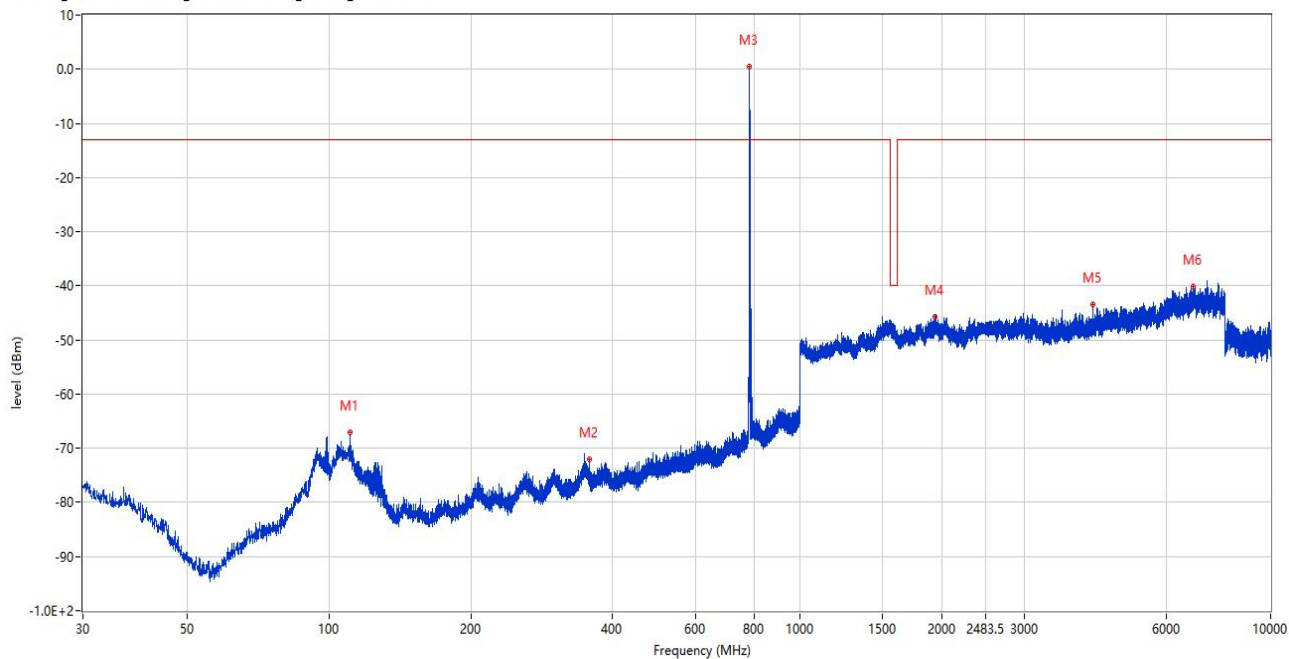
RSE (RF) _FCC PART22&24&27_LTE Band 13 & 14 _777-803_30MHz-10GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
106.921	-69.36	-1.26	-13.0	56.36	357.00	Vertical	Horizontal	Pass
349.470	-71.32	-3.68	-13.0	58.32	170.00	Vertical	Horizontal	Pass
779.858	0.64	2.15	-13.0	-13.64	265.00	Vertical	Horizontal	N/A
1939.300	-45.61	7.12	-13.0	32.61	8.00	Vertical	Horizontal	Pass
3591.250	-44.14	10.61	-13.0	31.14	77.00	Vertical	Horizontal	Pass
6871.500	-39.31	14.99	-13.0	26.31	70.00	Vertical	Horizontal	Pass

Band:LTE B13

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

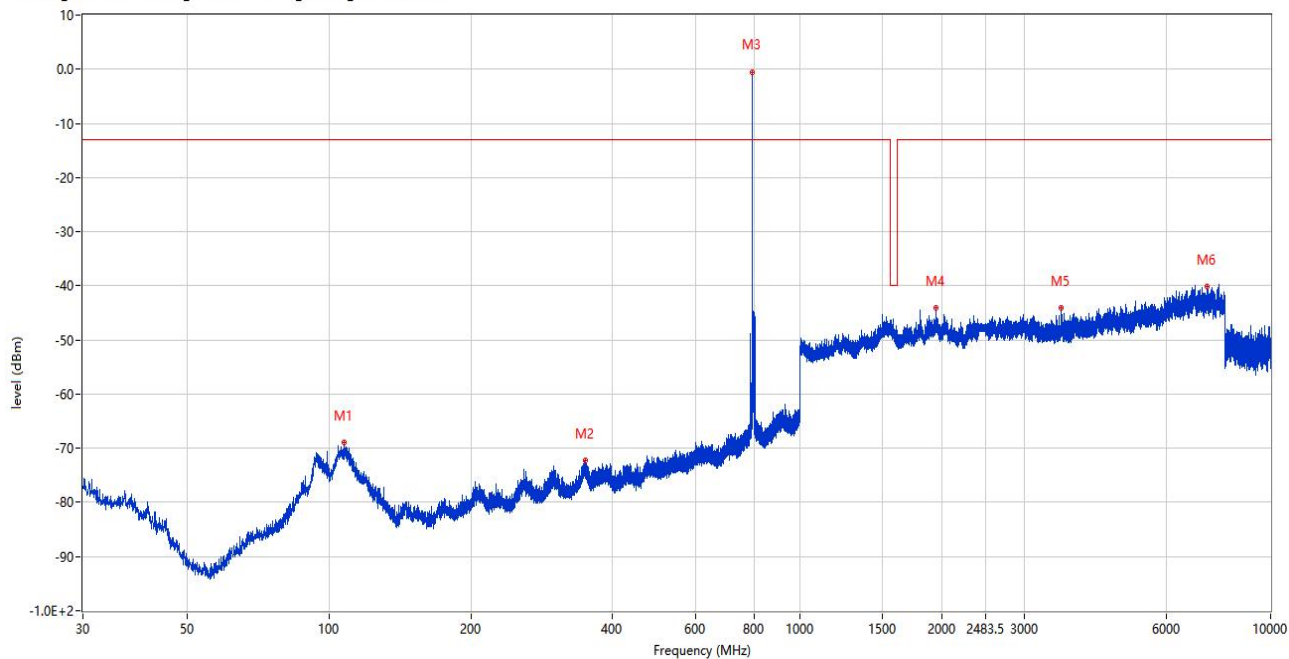


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
110.753	-66.99	-2.13	-13.0	53.99	156.00	Horizontal	Horizontal	Pass
357.714	-71.97	-5.93	-13.0	58.97	191.00	Horizontal	Horizontal	Pass
779.858	0.38	2.15	-13.0	-13.38	314.00	Horizontal	Horizontal	N/A
1936.700	-45.69	6.99	-13.0	32.69	316.00	Horizontal	Horizontal	Pass
4200.250	-43.51	11.21	-13.0	30.51	1.00	Horizontal	Horizontal	Pass
6835.500	-40.20	14.31	-13.0	27.20	49.00	Horizontal	Horizontal	Pass

1.4 LTE Band 14

Band:LTE B14

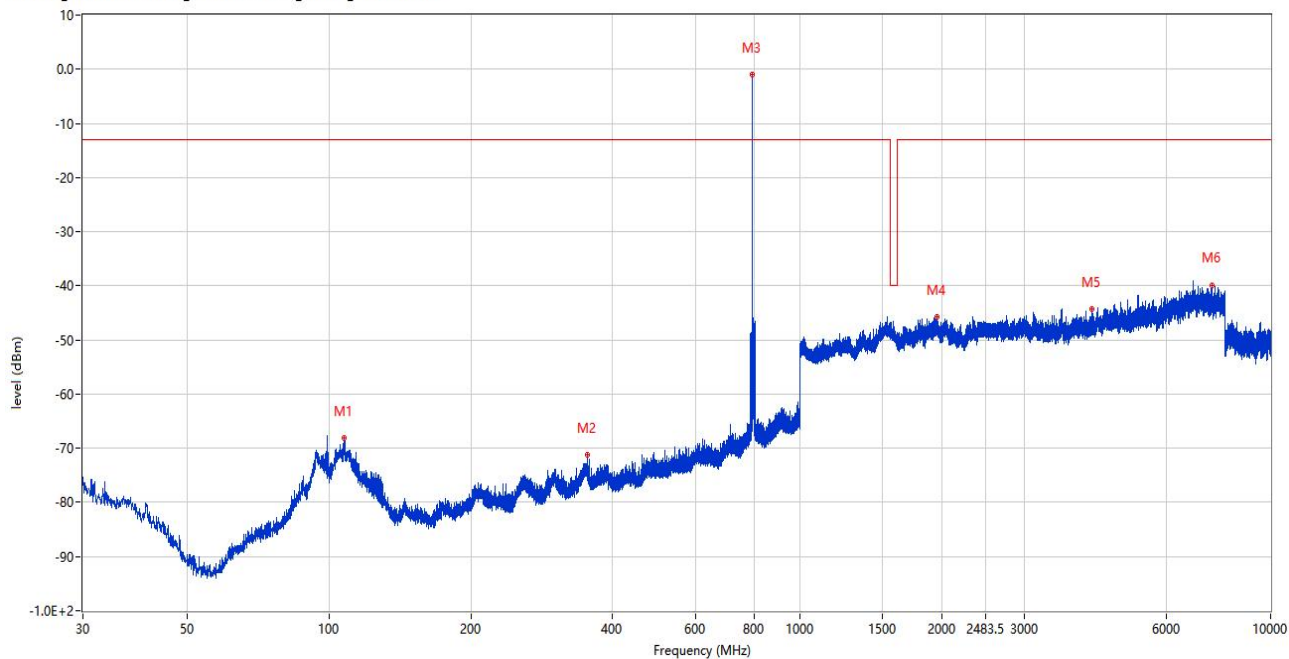
RSE (RF) _FCC PART22&24&27_LTE Band 13 & 14 _777-803_30MHz-10GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
107.551	-68.96	-1.32	-13.0	55.96	216.00	Vertical	Horizontal	Pass
350.003	-72.28	-3.54	-13.0	59.28	146.00	Vertical	Horizontal	Pass
793.342	-0.58	3.22	-13.0	-12.42	265.00	Vertical	Horizontal	N/A
1943.100	-44.13	7.05	-13.0	31.13	86.00	Vertical	Horizontal	Pass
3595.250	-44.13	11.21	-13.0	31.13	343.00	Vertical	Horizontal	Pass
7336.750	-40.06	15.43	-13.0	27.06	9.00	Vertical	Horizontal	Pass

Band:LTE B14

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

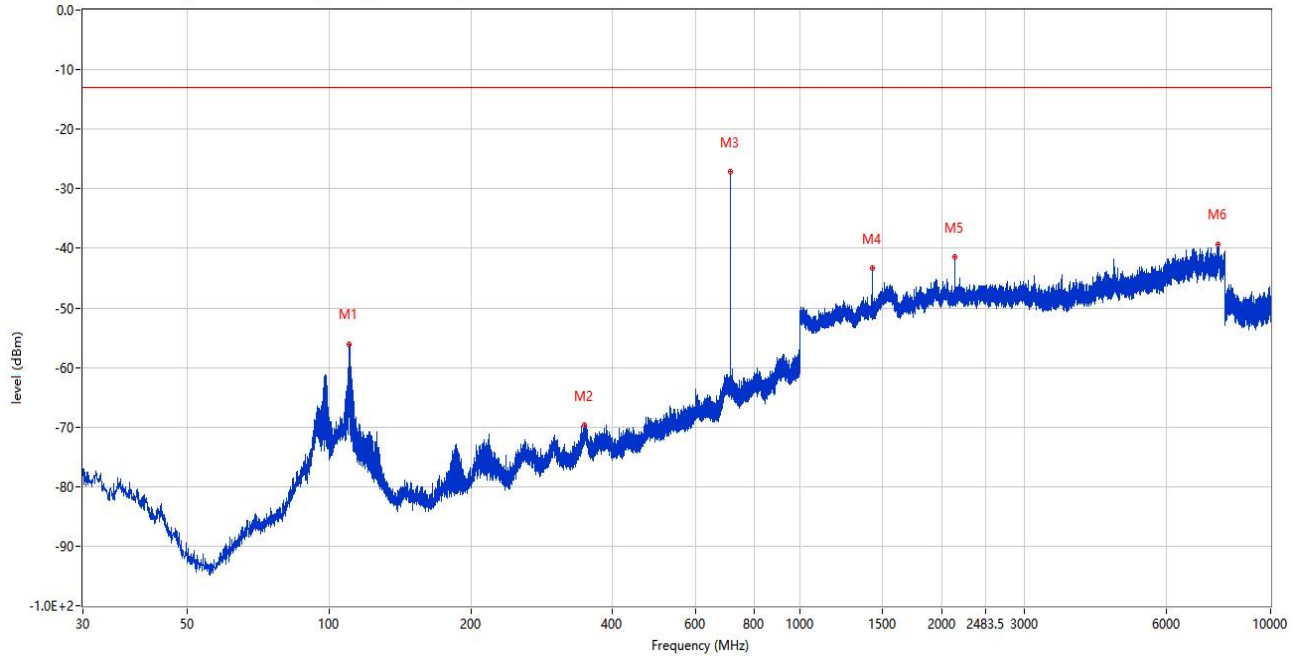


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
107.600	-68.15	-1.33	-13.0	55.15	332.00	Horizontal	Horizontal	Pass
352.913	-71.29	-4.44	-13.0	58.29	222.00	Horizontal	Horizontal	Pass
793.342	-1.00	3.22	-13.0	-12.00	319.00	Horizontal	Horizontal	N/A
1952.400	-45.73	6.70	-13.0	32.73	344.00	Horizontal	Horizontal	Pass
4177.250	-44.34	10.60	-13.0	31.34	267.00	Horizontal	Horizontal	Pass
7522.750	-39.83	15.50	-13.0	26.83	204.00	Horizontal	Horizontal	Pass

1.5 LTE Band 17

Band:LTE B17

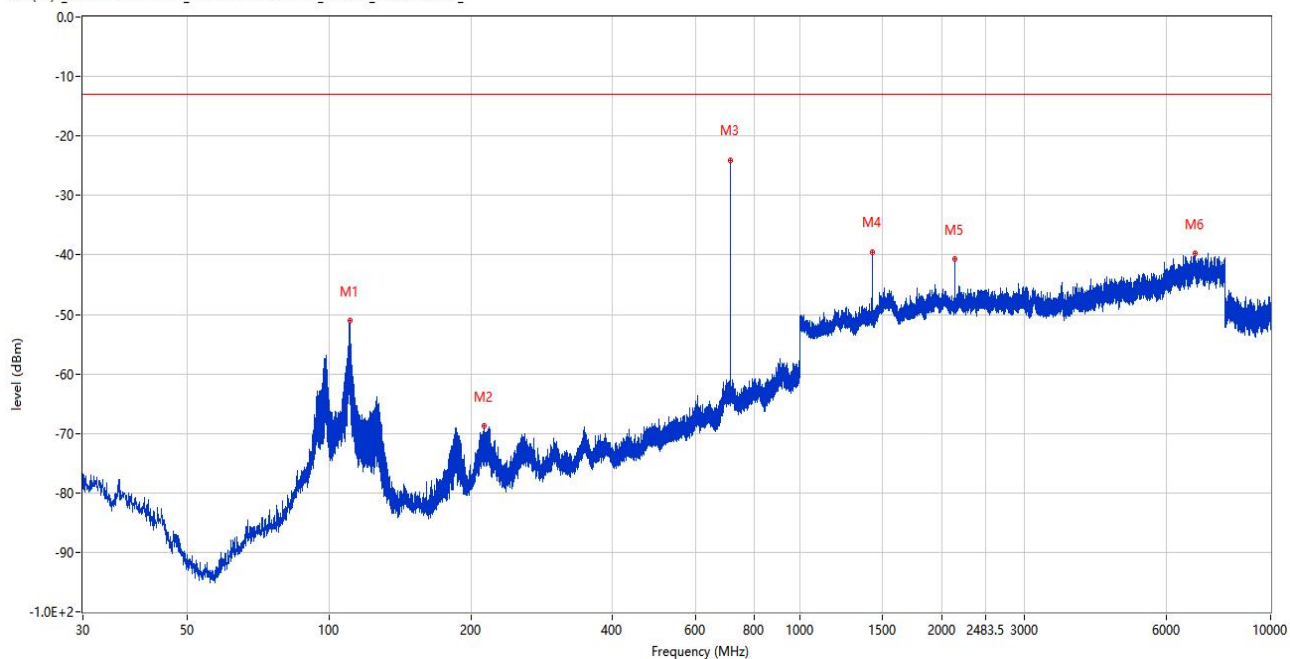
RSE (RF) _FCC PART22&24&27_LTE B12 & B17 & B28 _699-748_30MHz-10GHz_



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
110.171	-56.17	-1.26	-13.0	43.17	0.00	Vertical	Horizontal	Pass
348.694	-69.67	-1.36	-13.0	56.67	7.00	Vertical	Horizontal	Pass
711.328	-27.15	7.41	-13.0	14.15	0.00	Vertical	Horizontal	N/A
1423.700	-43.33	3.60	-13.0	30.33	314.00	Vertical	Horizontal	Pass
2134.800	-41.47	5.98	-13.0	28.47	286.00	Vertical	Horizontal	Pass
7739.250	-39.40	15.26	-13.0	26.40	312.00	Vertical	Horizontal	Pass

Band:LTE B17

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

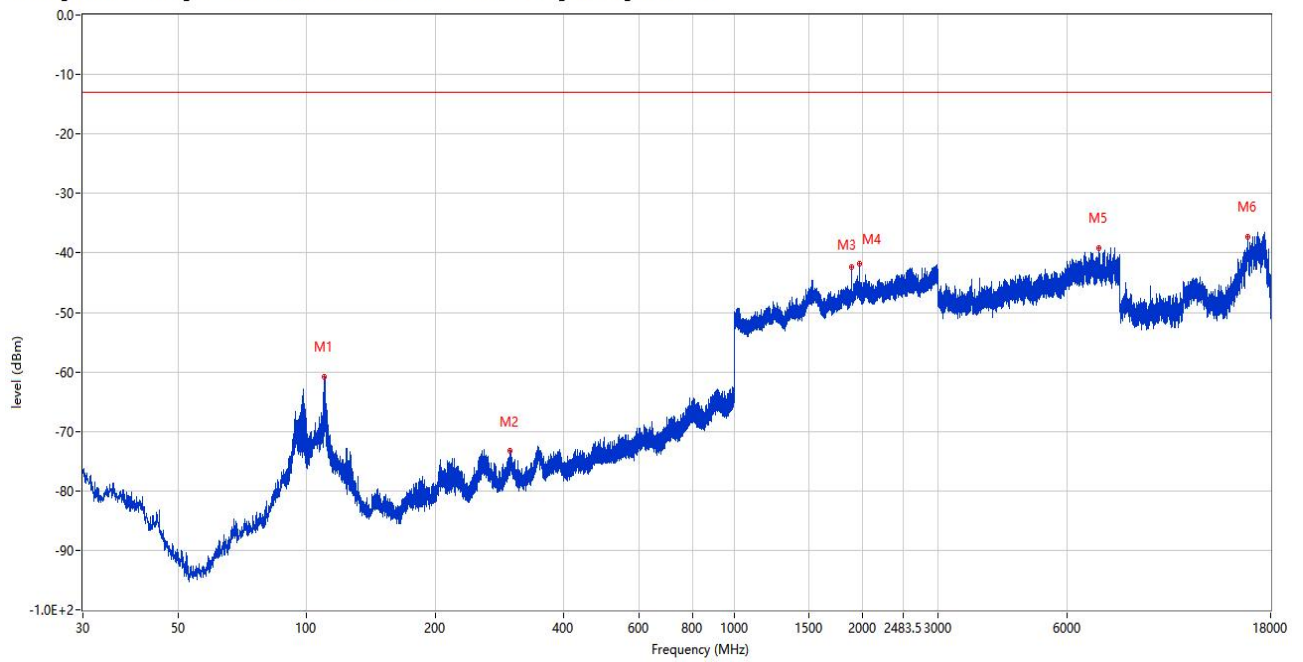


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
110.656	-51.06	-1.62	-13.0	38.06	158.00	Horizontal	Horizontal	Pass
213.815	-68.83	-8.35	-13.0	55.83	2.00	Horizontal	Horizontal	Pass
711.377	-24.14	7.41	-13.0	11.14	150.00	Horizontal	Horizontal	N/A
1423.400	-39.52	3.59	-13.0	26.52	101.00	Horizontal	Horizontal	Pass
2134.800	-40.76	5.98	-13.0	27.76	319.00	Horizontal	Horizontal	Pass
6922.000	-39.69	14.63	-13.0	26.69	165.00	Horizontal	Horizontal	Pass

1.6 LTE Band 25

Band:LTE B25

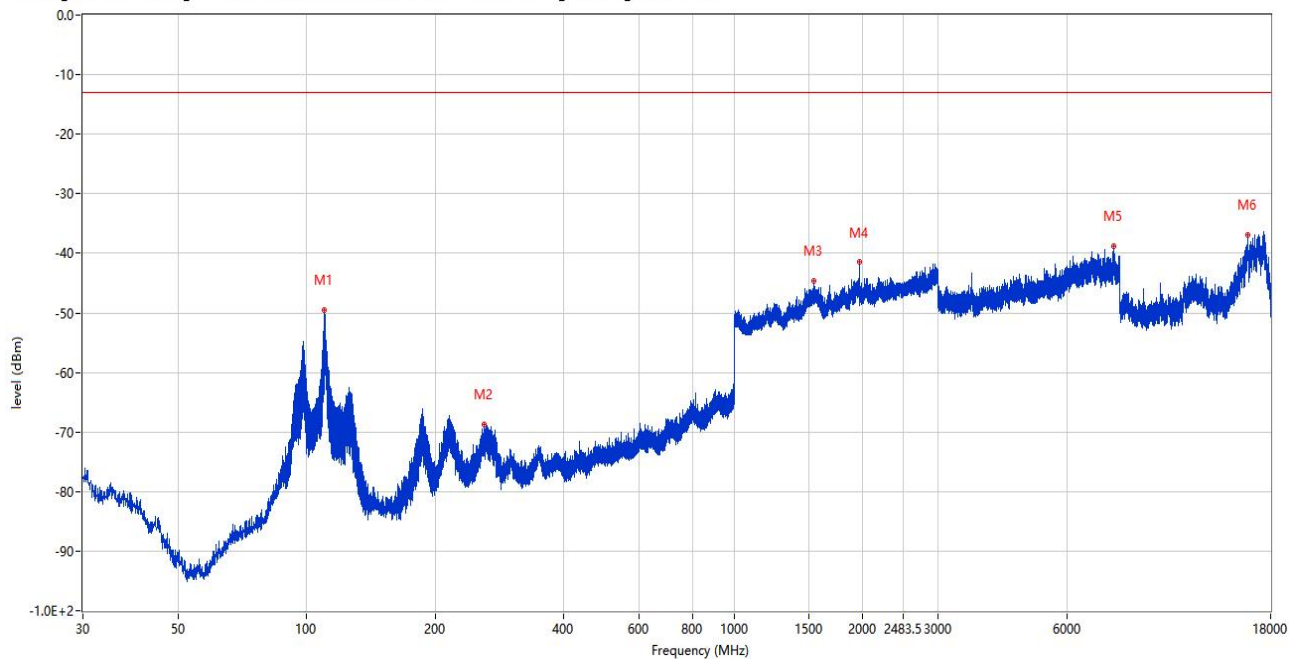
RSE (RF) _FCC PART22&24&27_GSM 1900 & CDMA BC1 & WCDMA Band 2 & LTE Band 2 & 25 _1830-1920_30MHz-20GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
110.171	-60.80	-1.70	-13.0	47.80	259.00	Vertical	Horizontal	Pass
299.078	-73.22	-5.57	-13.0	60.22	191.00	Vertical	Horizontal	Pass
1881.200	-42.45	7.22	-13.0	29.45	241.00	Vertical	Horizontal	N/A
1962.200	-41.84	7.53	-13.0	28.84	251.00	Vertical	Horizontal	N/A
7120.750	-39.26	15.40	-13.0	26.26	354.00	Vertical	Horizontal	Pass
15946.000	-37.21	28.41	-13.0	24.21	8.00	Vertical	Horizontal	Pass

Band:LTE B25

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

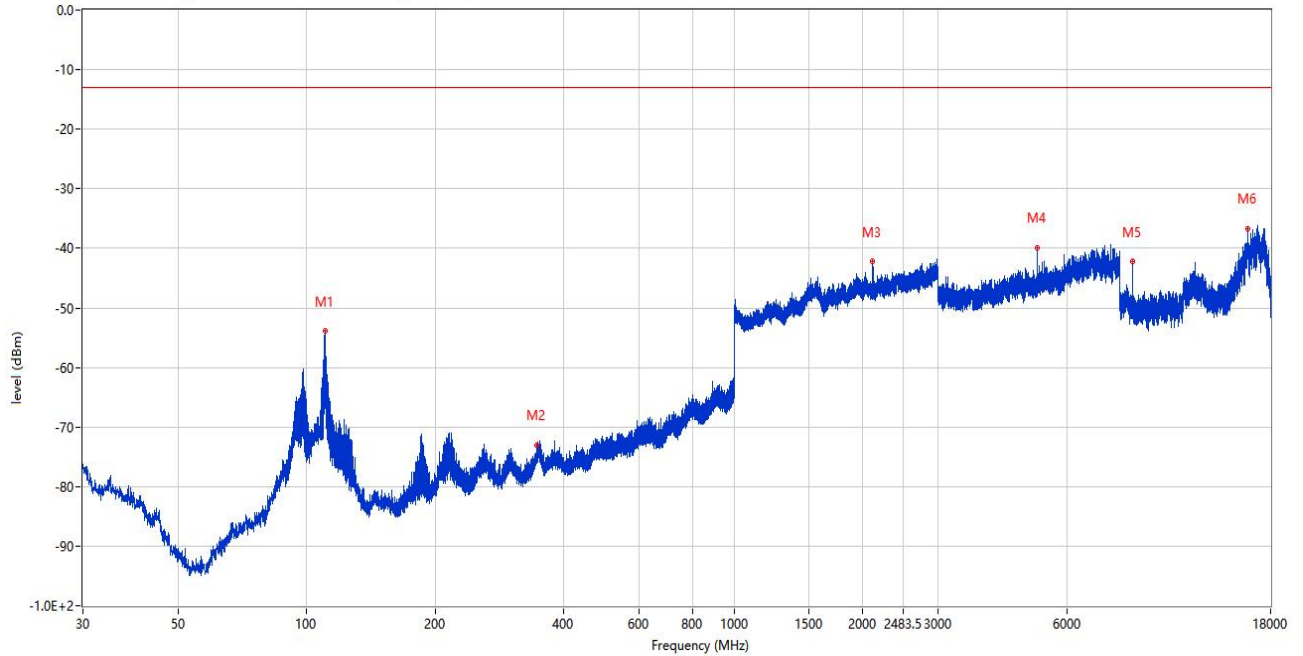


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
110.122	-49.46	-1.66	-13.0	36.46	169.00	Horizontal	Horizontal	Pass
260.569	-68.65	-6.48	-13.0	55.65	280.00	Horizontal	Horizontal	Pass
1536.900	-44.56	6.72	-13.0	31.56	312.00	Horizontal	Horizontal	Pass
1961.800	-41.35	7.53	-13.0	28.35	14.00	Horizontal	Horizontal	N/A
7749.750	-38.72	15.54	-13.0	25.72	60.00	Horizontal	Horizontal	Pass
15888.000	-36.86	28.51	-13.0	23.86	127.00	Horizontal	Horizontal	Pass

1.7 LTE Band 66

Band:LTE B66

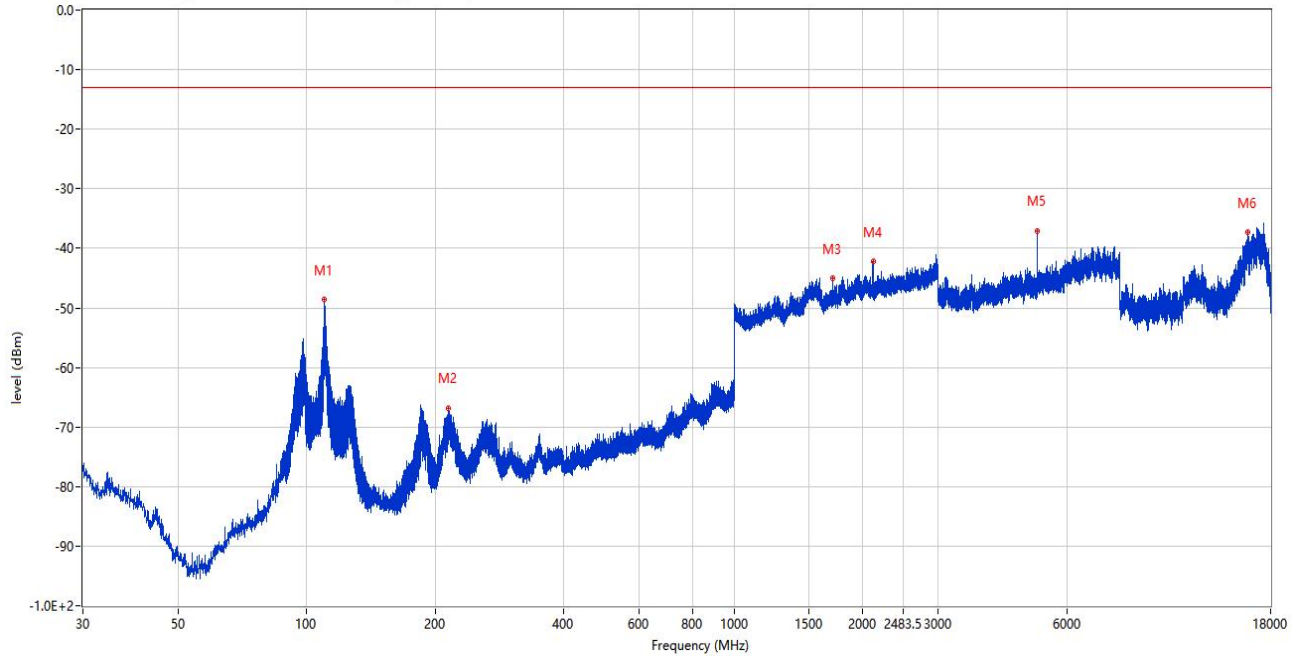
RSE (RF) _FCC PART22&24&27_WCDMA Band 4 & LTE Band 4 & 66_1710-1785_30MHz-20GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
110.704	-53.90	-2.10	-13.0	40.90	358.00	Vertical	Horizontal	Pass
345.492	-73.05	-4.69	-13.0	60.05	0.00	Vertical	Horizontal	Pass
2112.900	-42.22	7.09	-13.0	29.22	110.00	Vertical	Horizontal	N/A
5131.750	-39.84	11.40	-13.0	26.84	18.00	Vertical	Horizontal	Pass
8552.187	-42.18	14.57	-13.0	29.18	296.00	Vertical	Horizontal	Pass
15933.600	-36.72	29.10	-13.0	23.72	161.00	Vertical	Horizontal	Pass

Band:LTE B66

RSE (RF) _FCC PART22&24&27_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
110.171	-48.65	-1.70	-13.0	35.65	161.00	Horizontal	Horizontal	Pass
215.076	-66.81	-10.30	-13.0	53.81	199.00	Horizontal	Horizontal	Pass
1703.000	-45.07	5.83	-13.0	32.07	104.00	Horizontal	Horizontal	N/A
2113.500	-42.21	7.09	-13.0	29.21	245.00	Horizontal	Horizontal	N/A
5131.500	-37.13	11.39	-13.0	24.13	342.00	Horizontal	Horizontal	Pass
15939.375	-37.37	29.13	-13.0	24.37	5.00	Horizontal	Horizontal	Pass

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