
Field Strength of Spurious Radiation

LTE Mode Test Verdict

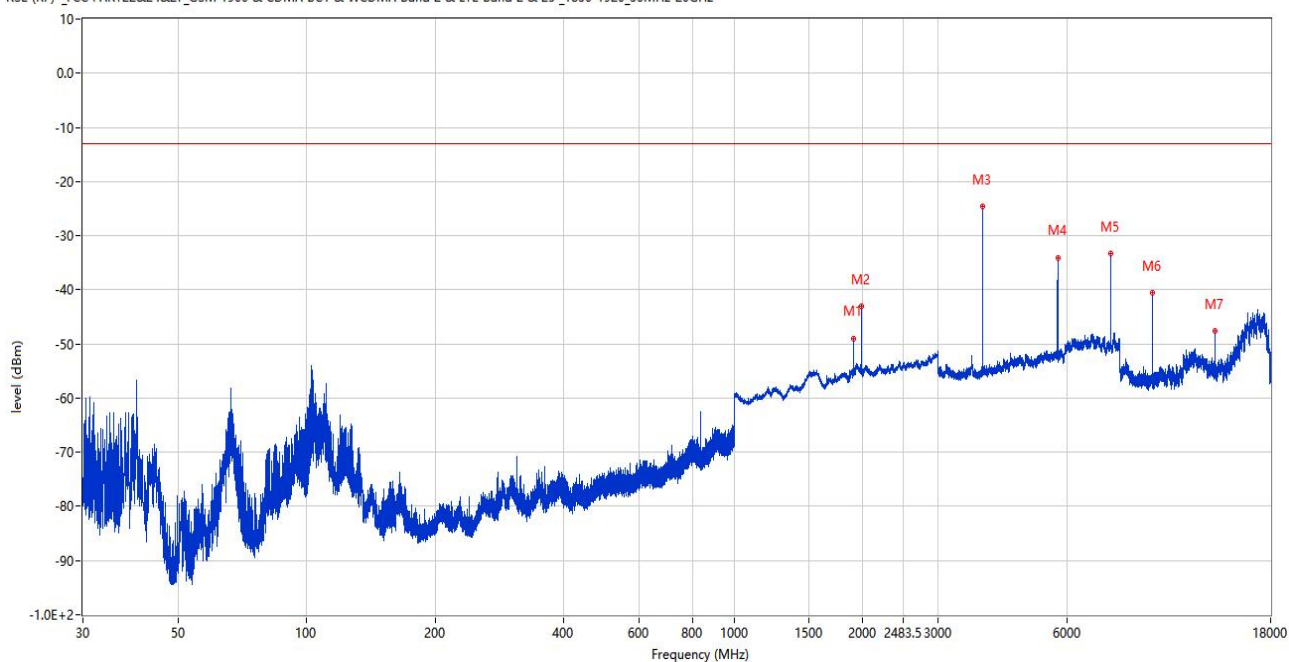
Test Band	Test Bandwidth	UL Channel	UL Modulation	UL RB Number	UL RB Position	Verdict
Band 2	5	19175	QPSK	1	0	Pass
Band 4	20	20300	QPSK	50	0	Pass
Band 12	5	23155	QPSK	1	0	Pass
Band 13	5	23230	QPSK	1	0	Pass
Band 14	5	23330	QPSK	1	0	Pass
Band 17	5	23755	QPSK	1	0	Pass
Band 25	1.4	26365	QPSK	1	0	Pass
Band 66	5	132647	QPSK	1	0	Pass

1. LTE

1.1 LTE Band 2

Band:LTE B2

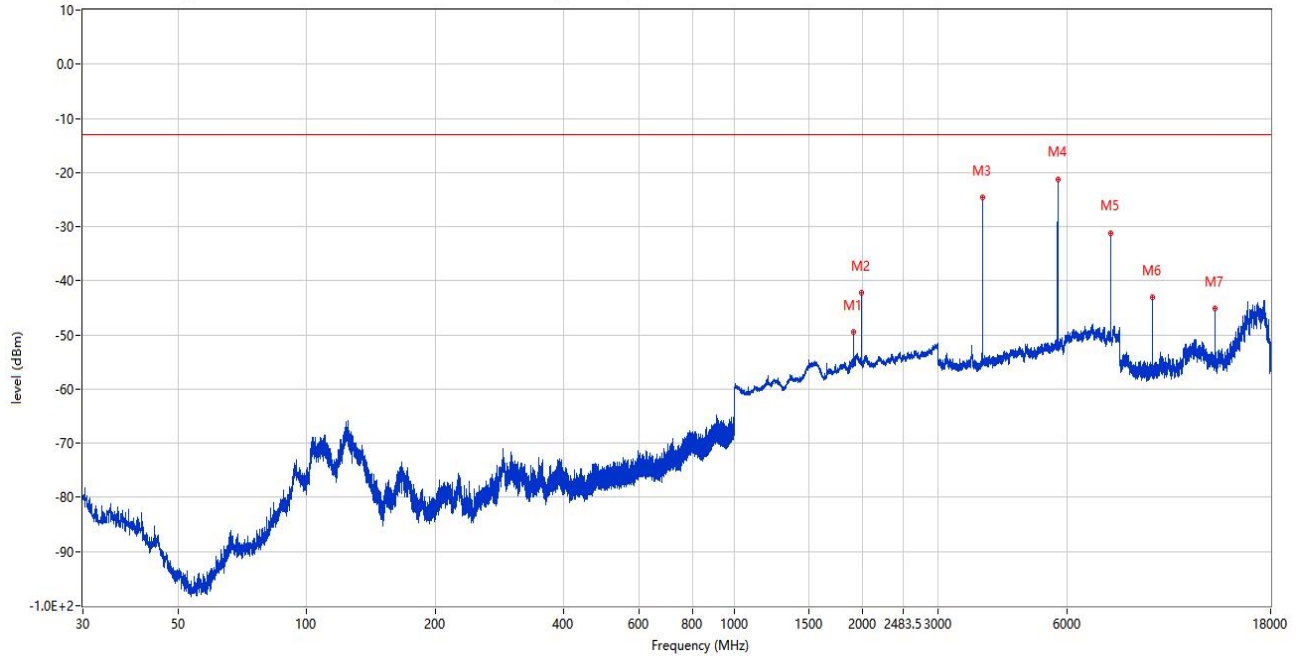
RSE (RF) _FCC PART22&24&27_GSM 1900 & CDMA BC1 & WCDMA Band 2 & LTE Band 2 & 25_1830-1920_30MHz-20GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
1905.500	-49.06	7.49	-13.0	36.06	68.00	Vertical	Horizontal	N/A
1988.000	-42.98	6.92	-13.0	29.98	334.00	Vertical	Horizontal	N/A
3811.000	-24.62	10.04	-13.0	11.62	252.00	Vertical	Horizontal	Pass
5716.500	-34.20	12.01	-13.0	21.20	118.00	Vertical	Horizontal	Pass
7622.000	-33.27	14.43	-13.0	20.27	357.00	Vertical	Horizontal	Pass
9526.500	-40.48	15.31	-13.0	27.48	333.00	Vertical	Horizontal	Pass

Band:LTE B2

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

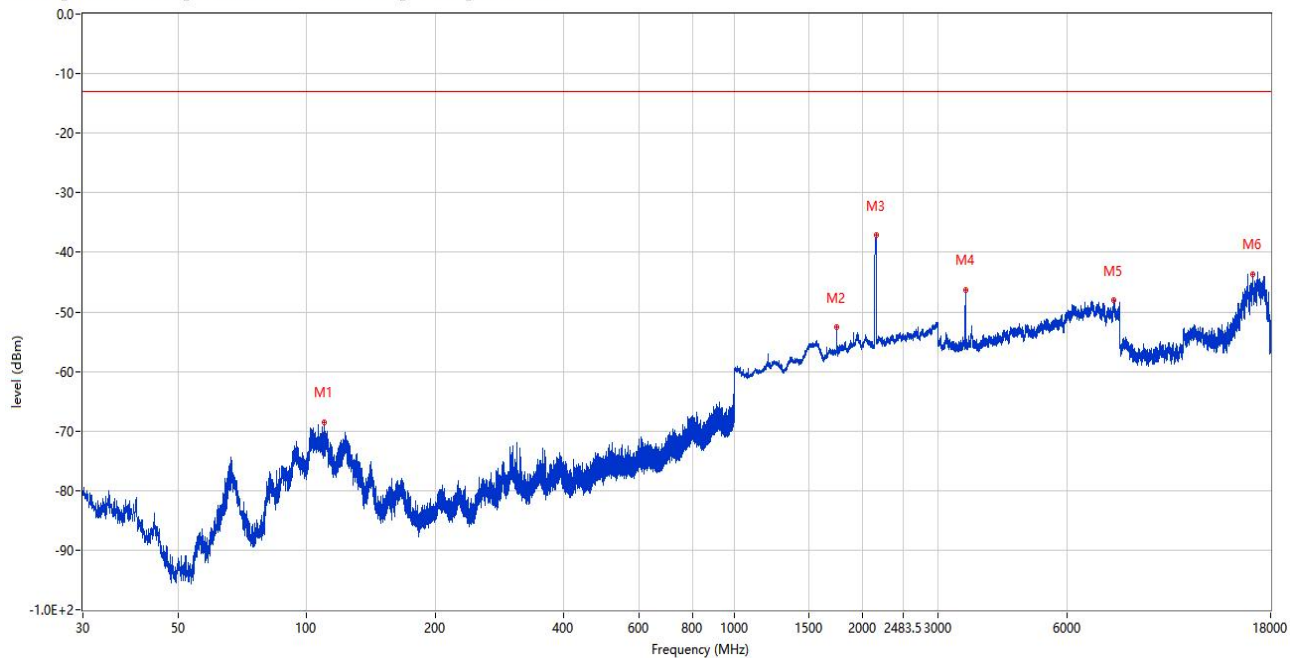


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
1905.500	-49.41	7.49	-13.0	36.41	233.00	Horizontal	Horizontal	N/A
1987.000	-42.25	6.79	-13.0	29.25	159.00	Horizontal	Horizontal	N/A
3810.500	-24.66	10.03	-13.0	11.66	32.00	Horizontal	Horizontal	Pass
5716.000	-21.22	12.00	-13.0	8.22	182.00	Horizontal	Horizontal	Pass
7621.000	-31.13	14.51	-13.0	18.13	0.00	Horizontal	Horizontal	Pass
9526.500	-43.01	15.31	-13.0	30.01	352.00	Horizontal	Horizontal	Pass

1.2 LTE Band 4

Band:LTE B4

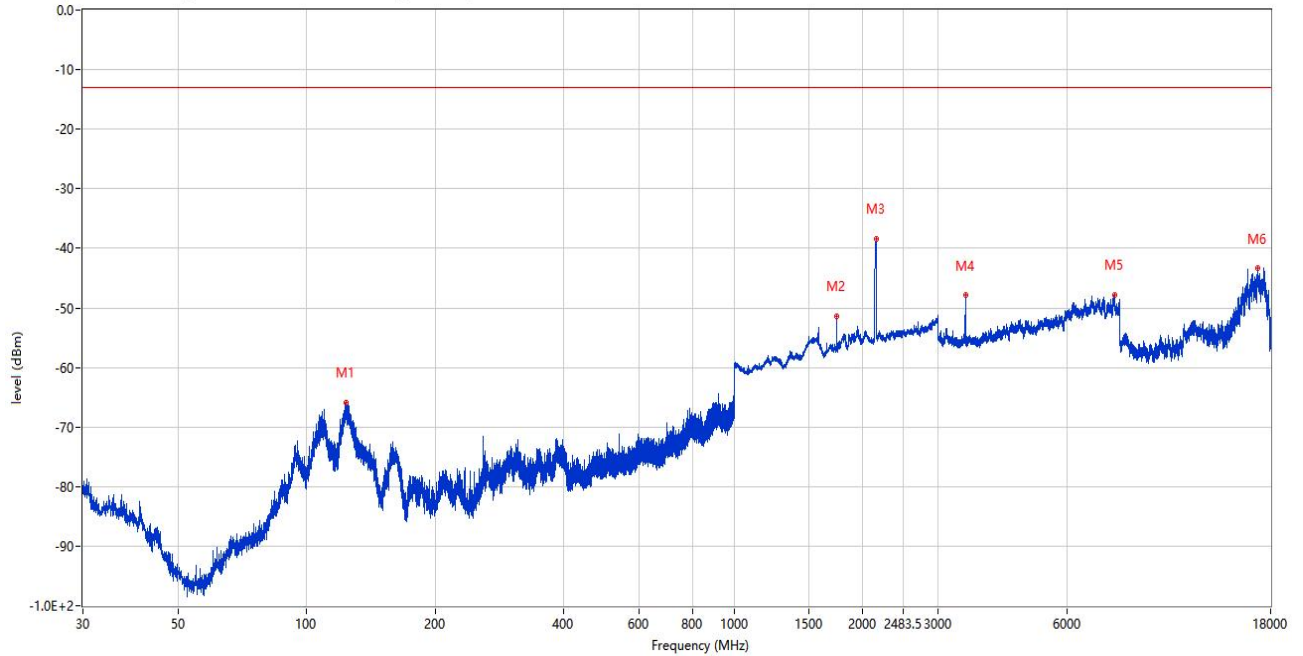
RSE (RF) _FCC PART22&24&27_WCDMA Band 4 & LTE Band 4 & 66 _1710-1785_30MHz-20GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
109.977	-68.46	-1.57	-13.0	55.46	171.00	Vertical	Horizontal	Pass
1736.500	-52.47	6.06	-13.0	39.47	113.00	Vertical	Horizontal	N/A
2148.500	-37.14	7.39	-13.0	24.14	26.00	Vertical	Horizontal	N/A
3480.500	-46.38	9.05	-13.0	33.38	112.00	Vertical	Horizontal	Pass
7751.000	-48.09	15.57	-13.0	35.09	177.00	Vertical	Horizontal	Pass
16355.174	-43.66	27.16	-13.0	30.66	243.00	Vertical	Horizontal	Pass

Band:LTE B4

RSE (RF) _FCC PART228&248&27_WCDMA Band 4 & LTE Band 4 & 66_1710-1785_30MHz-20GHz

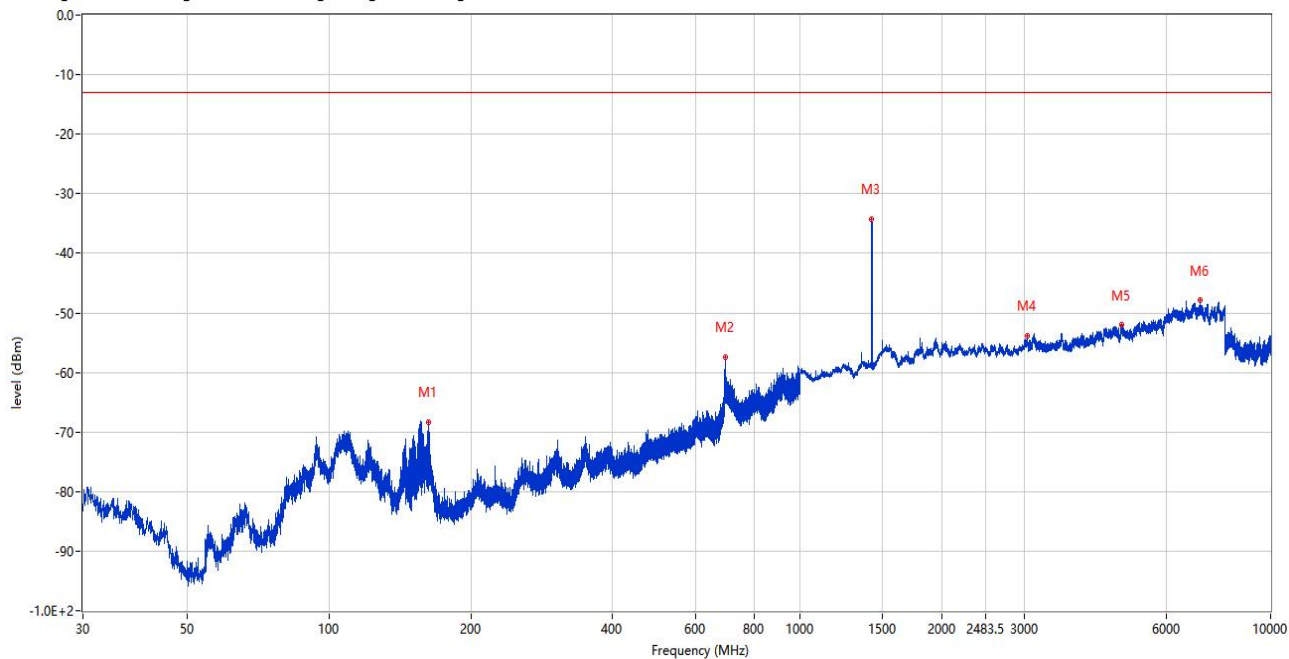


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
123.945	-65.96	-8.45	-13.0	52.96	268.00	Horizontal	Horizontal	Pass
1736.500	-51.40	6.06	-13.0	38.40	228.00	Horizontal	Horizontal	N/A
2148.500	-38.42	7.39	-13.0	25.42	62.00	Horizontal	Horizontal	N/A
3481.000	-47.87	9.06	-13.0	34.87	225.00	Horizontal	Horizontal	Pass
7754.000	-47.78	15.62	-13.0	34.78	66.00	Horizontal	Horizontal	Pass
16769.401	-43.41	28.23	-13.0	30.41	235.00	Horizontal	Horizontal	Pass

3.5 LTE Band 12

Band:LTE B12

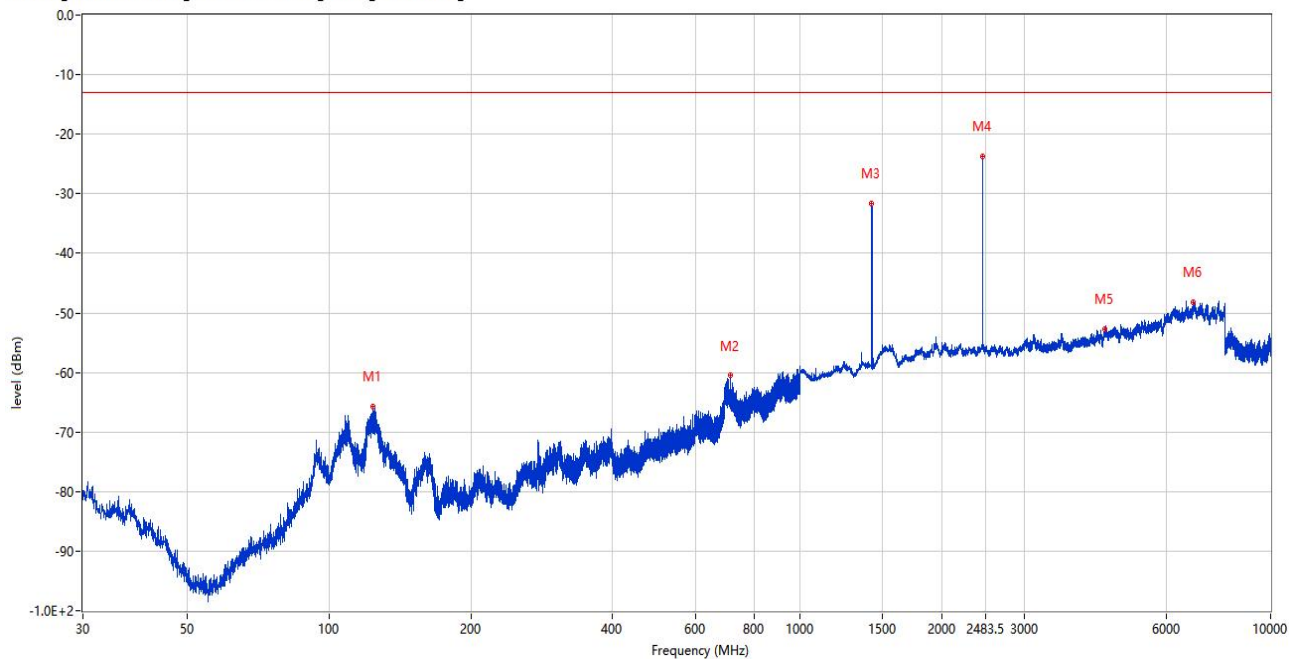
RSE (RF) _FCC PART22&24&27_LTE B12 & B17 & B28 _699-748_30MHz-10GHz_



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
162.357	-68.35	-12.40	-13.0	55.35	303.00	Vertical	Horizontal	Pass
693.529	-57.37	9.69	-13.0	44.37	128.00	Vertical	Horizontal	N/A
1422.500	-34.19	3.57	-13.0	21.19	164.00	Vertical	Horizontal	Pass
3047.500	-53.92	8.47	-13.0	40.92	350.00	Vertical	Horizontal	Pass
4815.000	-52.06	12.14	-13.0	39.06	32.00	Vertical	Horizontal	Pass
7088.500	-47.88	15.09	-13.0	34.88	111.00	Vertical	Horizontal	Pass

Band:LTE B12

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

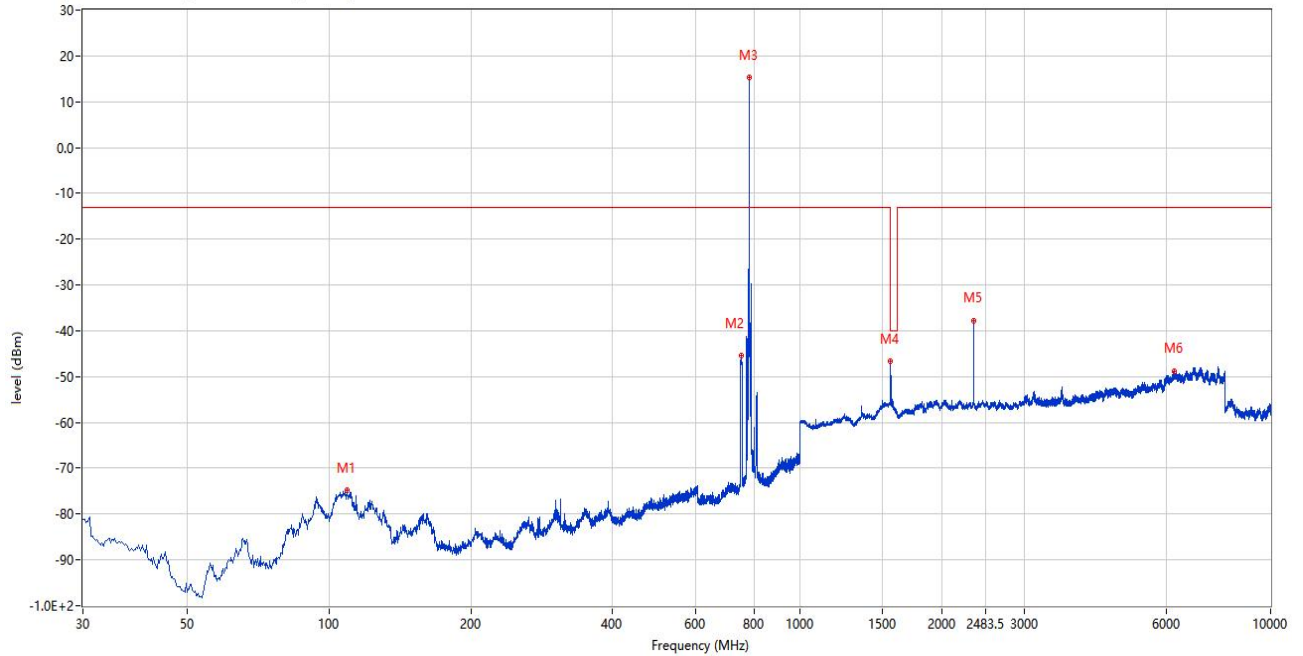


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
123.945	-65.80	-7.65	-13.0	52.80	271.00	Horizontal	Horizontal	Pass
711.328	-60.48	9.47	-13.0	47.48	191.00	Horizontal	Horizontal	N/A
1422.500	-31.60	3.57	-13.0	18.60	72.00	Horizontal	Horizontal	Pass
2447.500	-23.67	7.26	-13.0	10.67	210.00	Horizontal	Horizontal	Pass
4433.500	-52.66	11.79	-13.0	39.66	25.00	Horizontal	Horizontal	Pass
6848.500	-48.22	14.50	-13.0	35.22	100.00	Horizontal	Horizontal	Pass

1.3 LTE Band 13

Band:LTE B13

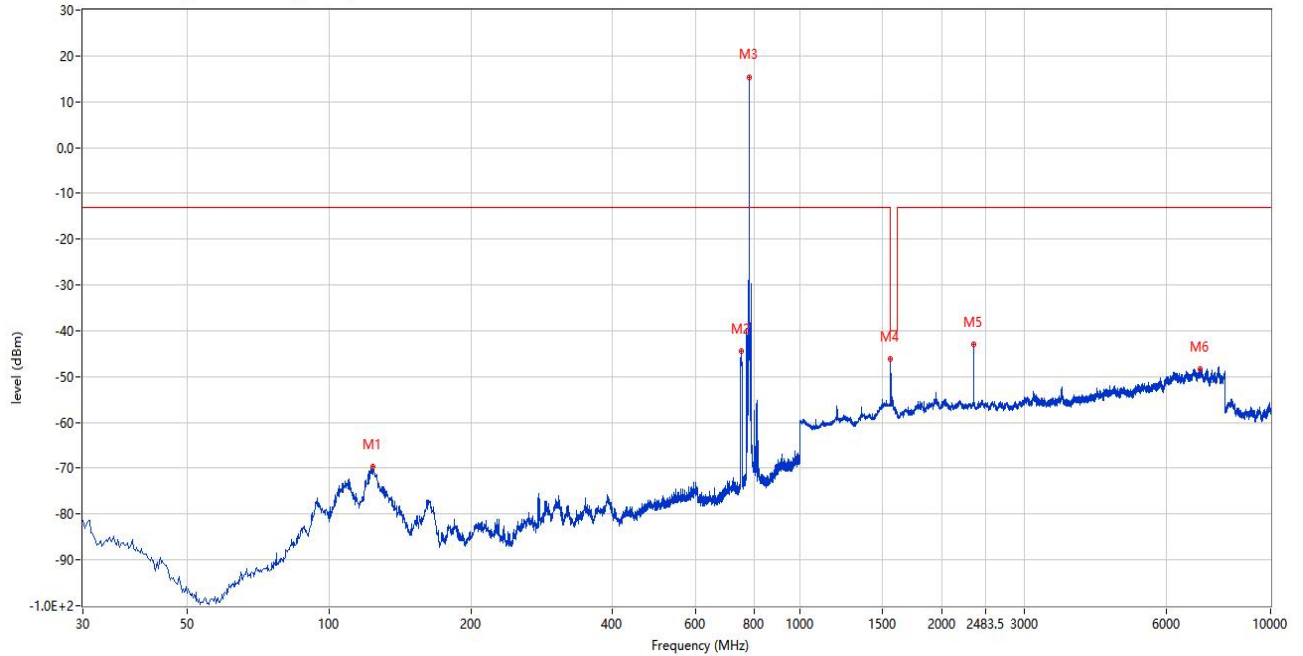
RSE (RF) _FCC PART22&24&27_LTE Band 13 & 14 _777-803_30MHz-10GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
109.055	-74.79	-1.47	-13.0	61.79	127.00	Vertical	Horizontal	Pass
750.225	-45.47	0.63	-13.0	32.47	239.00	Vertical	Horizontal	N/A
779.810	15.42	2.15	-13.0	-28.42	127.00	Vertical	Horizontal	N/A
1559.500	-46.72	6.48	-40.0	6.72	243.00	Vertical	Horizontal	Pass
2339.500	-37.76	7.02	-13.0	24.76	276.00	Vertical	Horizontal	Pass
6256.500	-48.75	14.25	-13.0	35.75	333.00	Vertical	Horizontal	Pass

Band:LTE B13

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

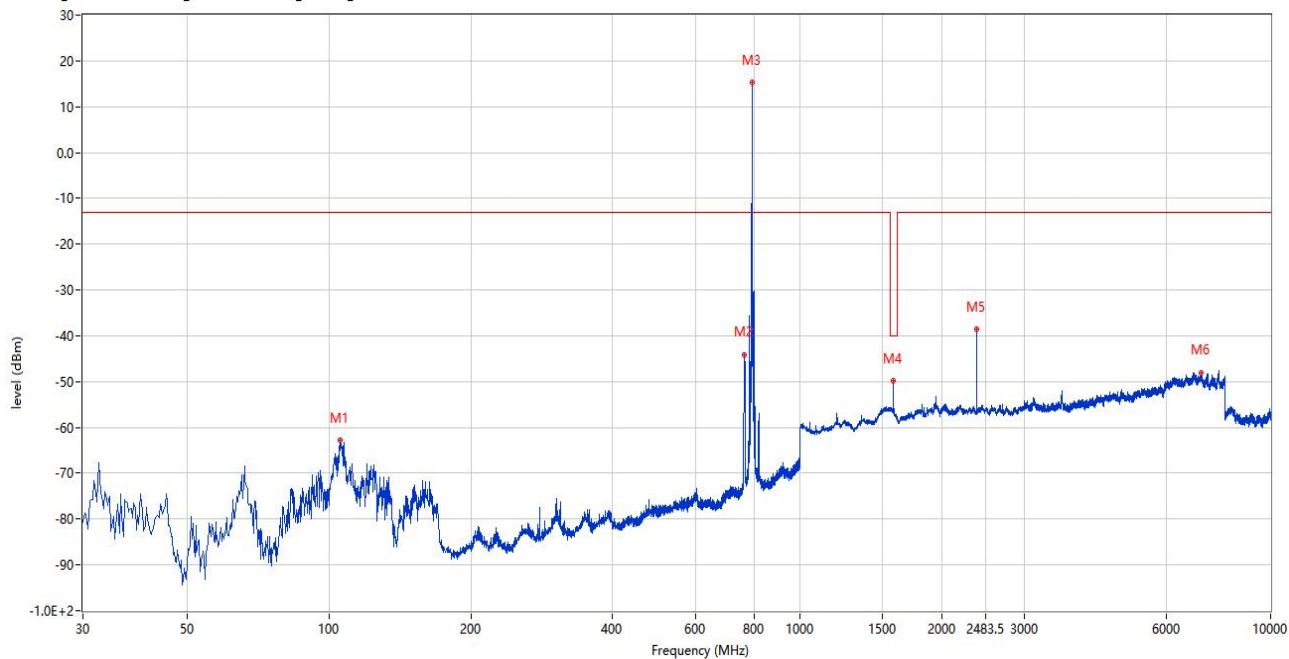


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
124.090	-69.72	-8.53	-13.0	56.72	277.00	Horizontal	Horizontal	Pass
749.497	-44.54	0.59	-13.0	31.54	119.00	Horizontal	Horizontal	N/A
779.810	15.42	2.15	-13.0	-28.42	216.00	Horizontal	Horizontal	N/A
1559.500	-46.20	6.48	-40.0	6.20	226.00	Horizontal	Horizontal	Pass
2339.500	-42.95	7.02	-13.0	29.95	216.00	Horizontal	Horizontal	Pass
7082.000	-48.39	15.05	-13.0	35.39	330.00	Horizontal	Horizontal	Pass

1.4 LTE Band 14

Band:LTE B14

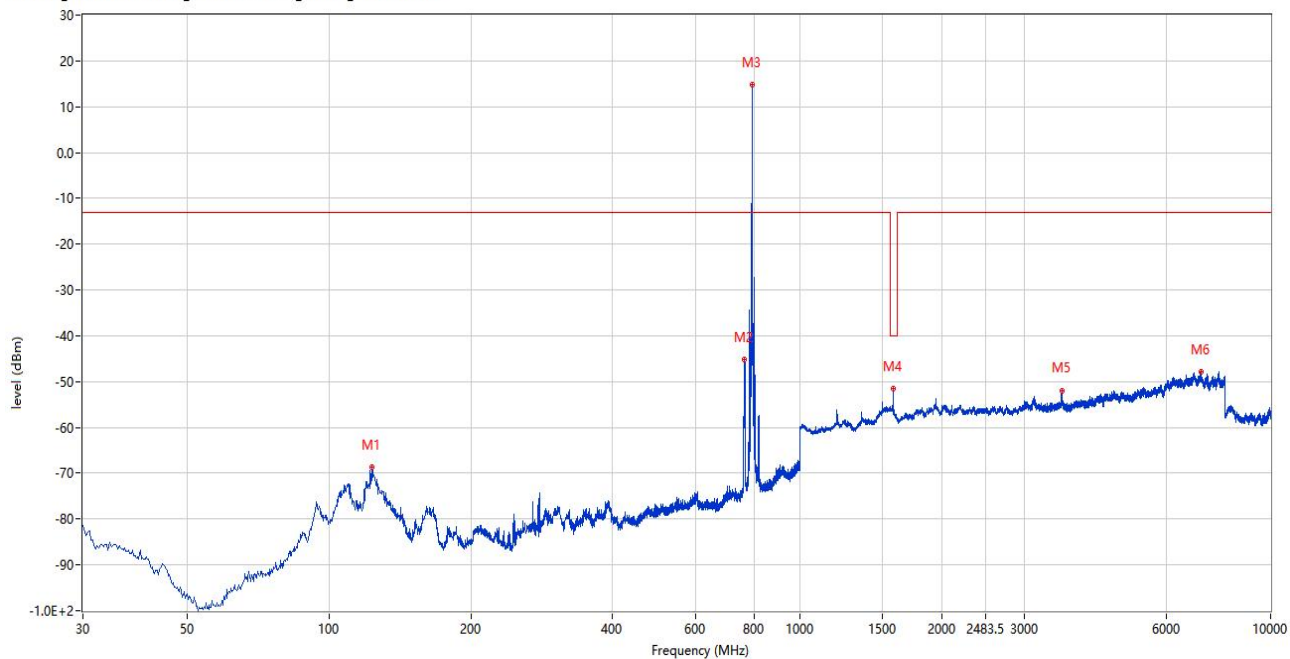
RSE (RF) _FCC PART22&24&27_LTE Band 13 & 14 _777-803_30MHz-10GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
105.418	-62.81	-1.12	-13.0	49.81	314.00	Vertical	Horizontal	Pass
761.865	-44.16	1.42	-13.0	31.16	175.00	Vertical	Horizontal	N/A
790.722	15.20	3.08	-13.0	-28.20	194.00	Vertical	Horizontal	N/A
1581.500	-49.80	5.98	-40.0	9.80	9.00	Vertical	Horizontal	Pass
2372.500	-38.58	6.52	-13.0	25.58	305.00	Vertical	Horizontal	Pass
7115.500	-48.08	15.58	-13.0	35.08	180.00	Vertical	Horizontal	Pass

Band:LTE B14

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

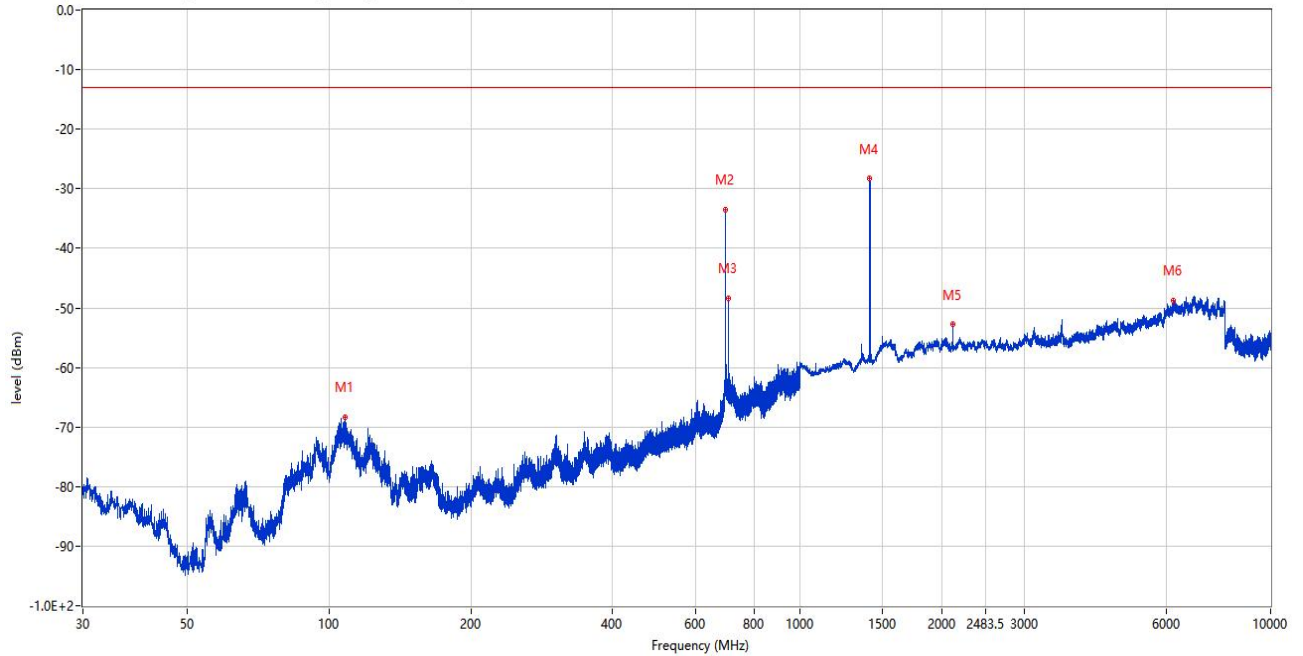


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
123.120	-68.73	-7.99	-13.0	55.73	281.00	Horizontal	Horizontal	Pass
761.380	-45.17	1.40	-13.0	32.17	104.00	Horizontal	Horizontal	N/A
790.722	14.78	3.08	-13.0	-27.78	207.00	Horizontal	Horizontal	N/A
1581.500	-51.58	5.98	-40.0	11.58	2.00	Horizontal	Horizontal	Pass
3600.000	-51.95	11.94	-13.0	38.95	68.00	Horizontal	Horizontal	Pass
7110.000	-47.91	15.67	-13.0	34.91	344.00	Horizontal	Horizontal	Pass

1.5 LTE Band 17

Band:LTE B17

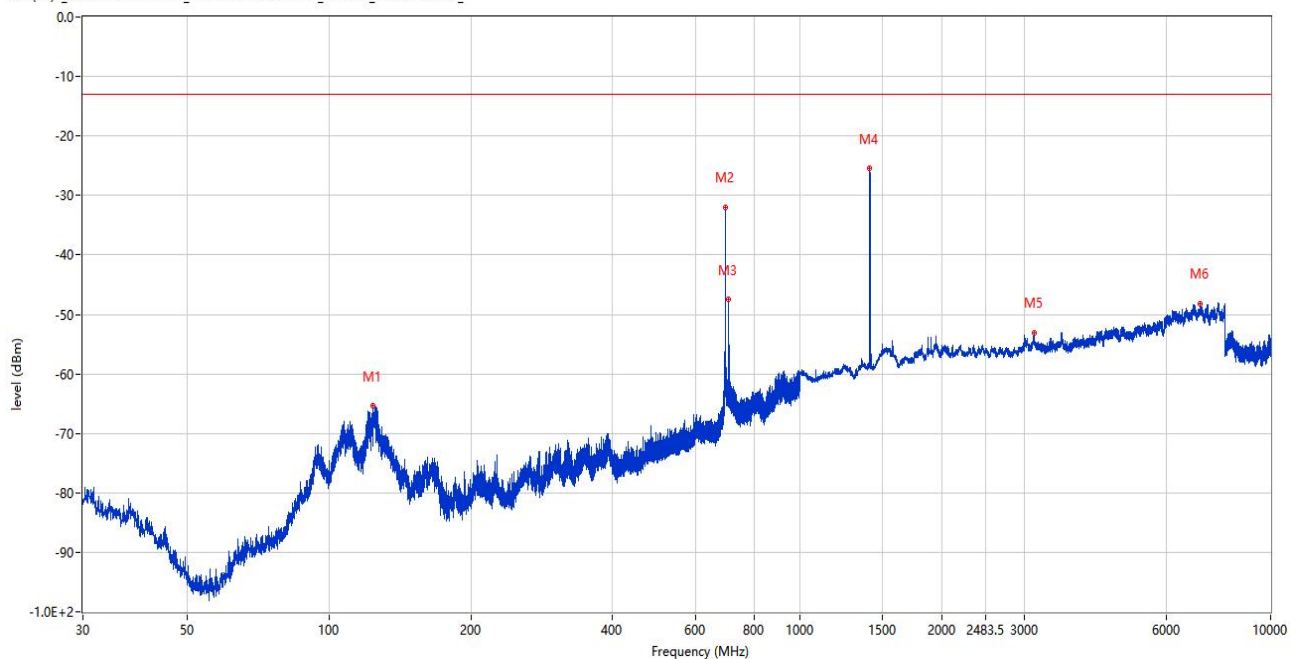
RSE (RF) _FCC PART22&24&27_LTE B12 & B17 & B28 _699-748_30MHz-10GHz_



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
108.133	-68.29	-0.74	-13.0	55.29	157.00	Vertical	Horizontal	Pass
695.566	-33.47	9.78	-13.0	20.47	157.00	Vertical	Horizontal	N/A
704.344	-48.38	9.78	-13.0	35.38	181.00	Vertical	Horizontal	N/A
1408.500	-28.16	3.71	-13.0	15.16	170.00	Vertical	Horizontal	Pass
2113.000	-52.75	6.00	-13.0	39.75	346.00	Vertical	Horizontal	Pass
6224.000	-48.72	14.19	-13.0	35.72	259.00	Vertical	Horizontal	Pass

Band:LTE B17

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

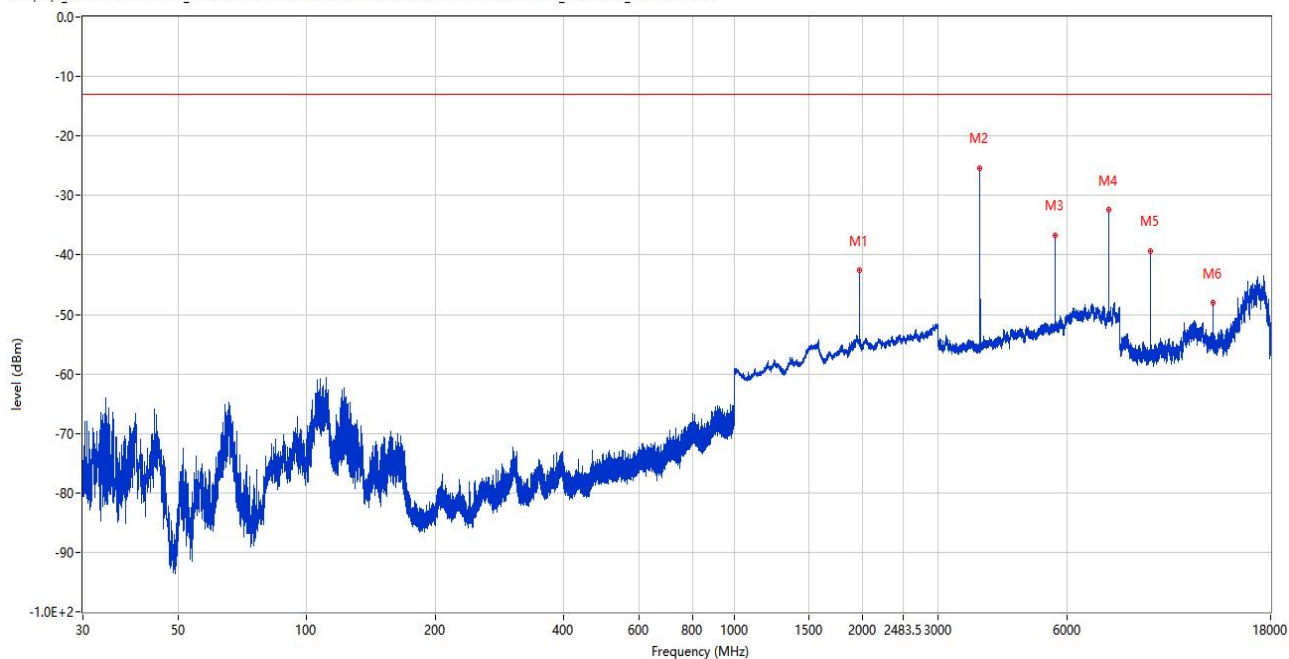


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
123.751	-65.36	-7.54	-13.0	52.36	308.00	Horizontal	Horizontal	Pass
695.711	-31.99	9.79	-13.0	18.99	348.00	Horizontal	Horizontal	N/A
704.344	-47.40	9.78	-13.0	34.40	330.00	Horizontal	Horizontal	N/A
1408.500	-25.49	3.71	-13.0	12.49	74.00	Horizontal	Horizontal	Pass
3148.000	-53.08	9.52	-13.0	40.08	5.00	Horizontal	Horizontal	Pass
7087.000	-48.18	15.14	-13.0	35.18	217.00	Horizontal	Horizontal	Pass

1.6 LTE Band 25

Band:LTE B25

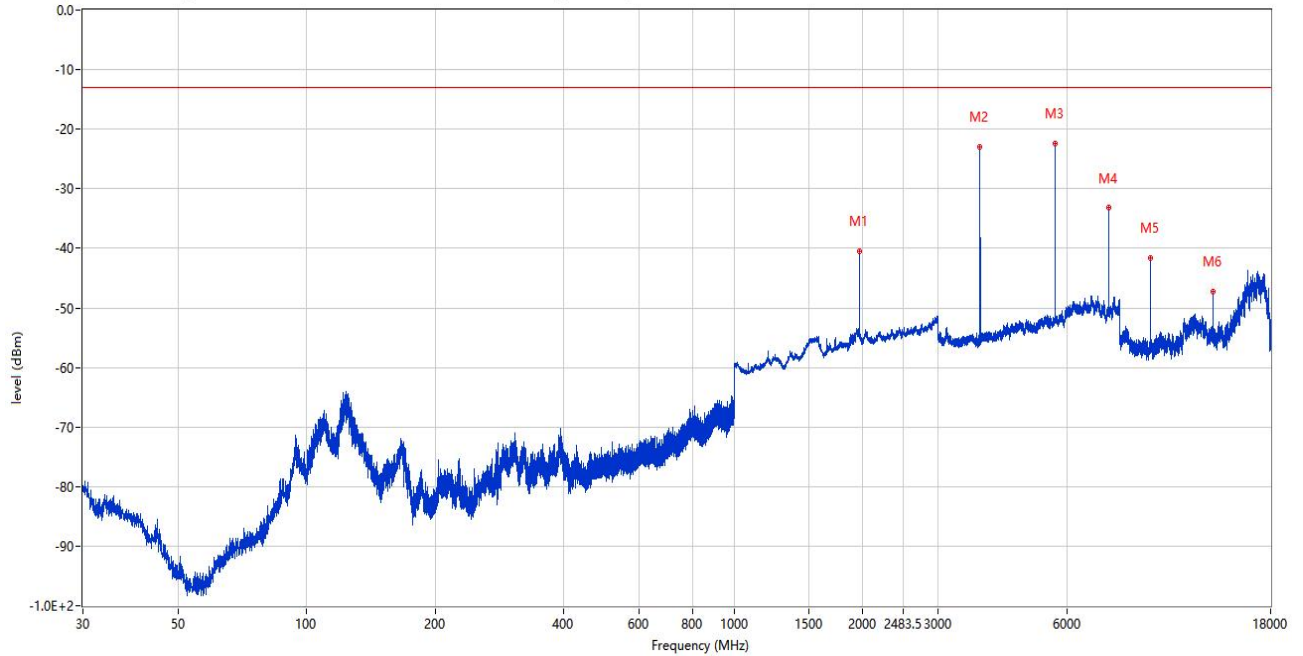
RSE (RF) _FCC PART22&24&27_GSM 1900 & CDMA BC1 & WCDMA Band 2 & LTE Band 2 & 25 _1830-1920_30MHz-20GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
1962.500	-42.59	7.53	-13.0	29.59	35.00	Vertical	Horizontal	N/A
3764.000	-25.36	9.75	-13.0	12.36	265.00	Vertical	Horizontal	Pass
5646.000	-36.65	12.17	-13.0	23.65	190.00	Vertical	Horizontal	Pass
7527.500	-32.47	15.32	-13.0	19.47	277.00	Vertical	Horizontal	Pass
9410.500	-39.41	15.45	-13.0	26.41	356.00	Vertical	Horizontal	Pass
13174.000	-48.07	18.84	-13.0	35.07	35.00	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

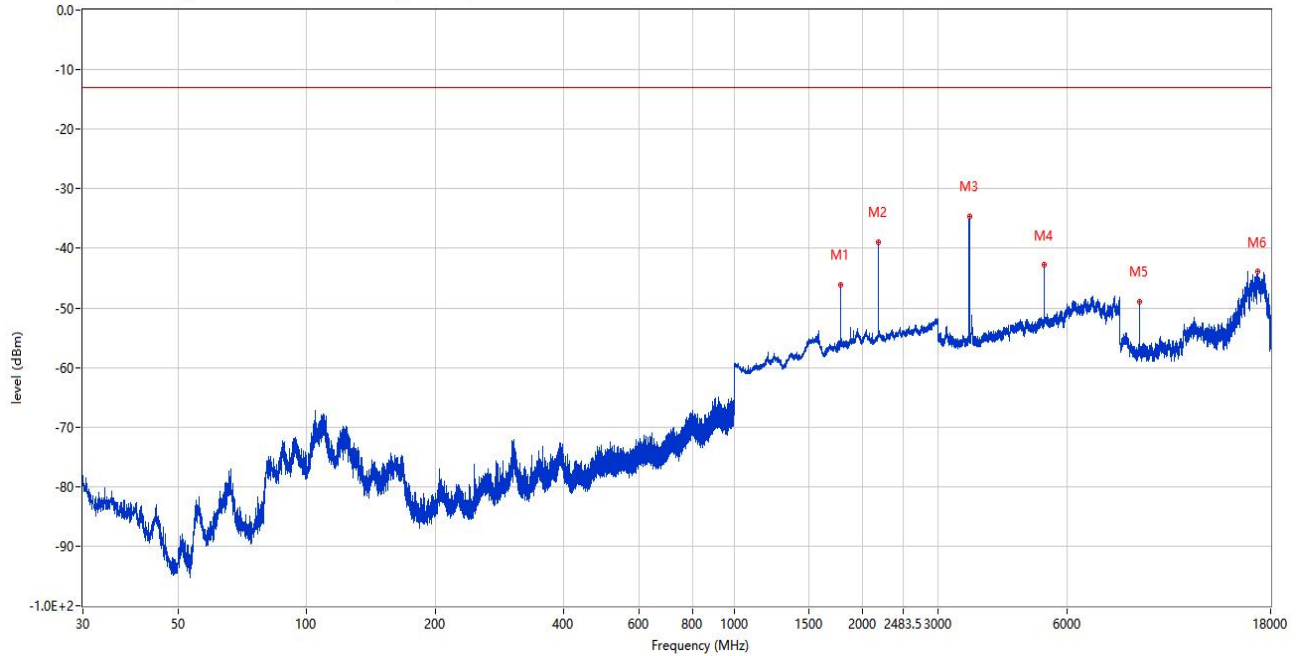


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
1962.500	-40.44	7.53	-13.0	27.44	219.00	Horizontal	Horizontal	N/A
3764.000	-23.06	9.75	-13.0	10.06	186.00	Horizontal	Horizontal	Pass
5646.000	-22.37	12.17	-13.0	9.37	198.00	Horizontal	Horizontal	Pass
7528.500	-33.18	15.26	-13.0	20.18	198.00	Horizontal	Horizontal	Pass
9410.500	-41.60	15.45	-13.0	28.60	3.00	Horizontal	Horizontal	Pass
13174.500	-47.20	18.84	-13.0	34.20	91.00	Horizontal	Horizontal	Pass

1.7 LTE Band 66

Band:LTE B66

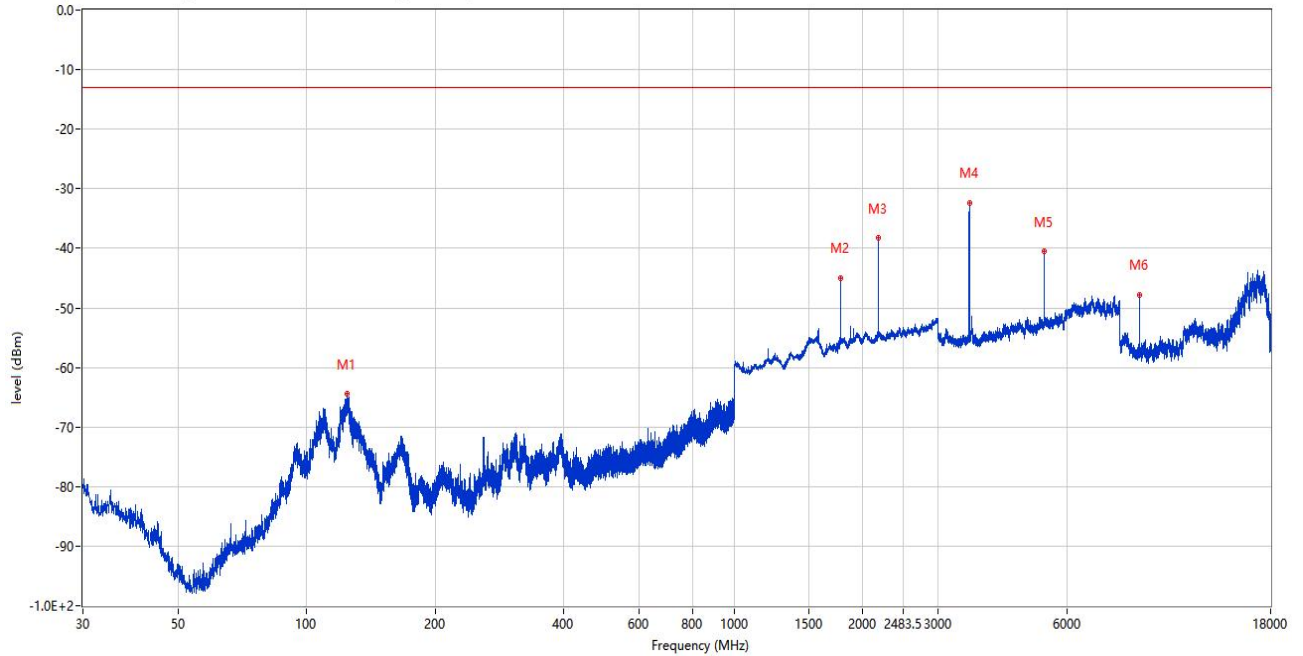
RSE (RF) _FCC PART22&24&27_WCDMA Band 4 & LTE Band 4 & 66_1710-1785_30MHz-20GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
1775.500	-46.16	6.75	-13.0	33.16	61.00	Vertical	Horizontal	N/A
2177.500	-38.99	8.06	-13.0	25.99	85.00	Vertical	Horizontal	N/A
3551.000	-34.60	9.33	-13.0	21.60	268.00	Vertical	Horizontal	Pass
5326.000	-42.76	12.16	-13.0	29.76	55.00	Vertical	Horizontal	Pass
8876.849	-48.94	14.28	-13.0	35.94	15.00	Vertical	Horizontal	Pass
16756.537	-43.92	28.19	-13.0	30.92	137.00	Vertical	Horizontal	Pass

Band:LTE B66

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
124.672	-64.48	-8.85	-13.0	51.48	288.00	Horizontal	Horizontal	Pass
1775.500	-45.00	6.75	-13.0	32.00	270.00	Horizontal	Horizontal	N/A
2177.000	-38.28	8.05	-13.0	25.28	309.00	Horizontal	Horizontal	N/A
3550.500	-32.35	9.33	-13.0	19.35	180.00	Horizontal	Horizontal	Pass
5326.500	-40.58	12.15	-13.0	27.58	231.00	Horizontal	Horizontal	Pass
8876.849	-47.81	14.28	-13.0	34.81	20.00	Horizontal	Horizontal	Pass

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