

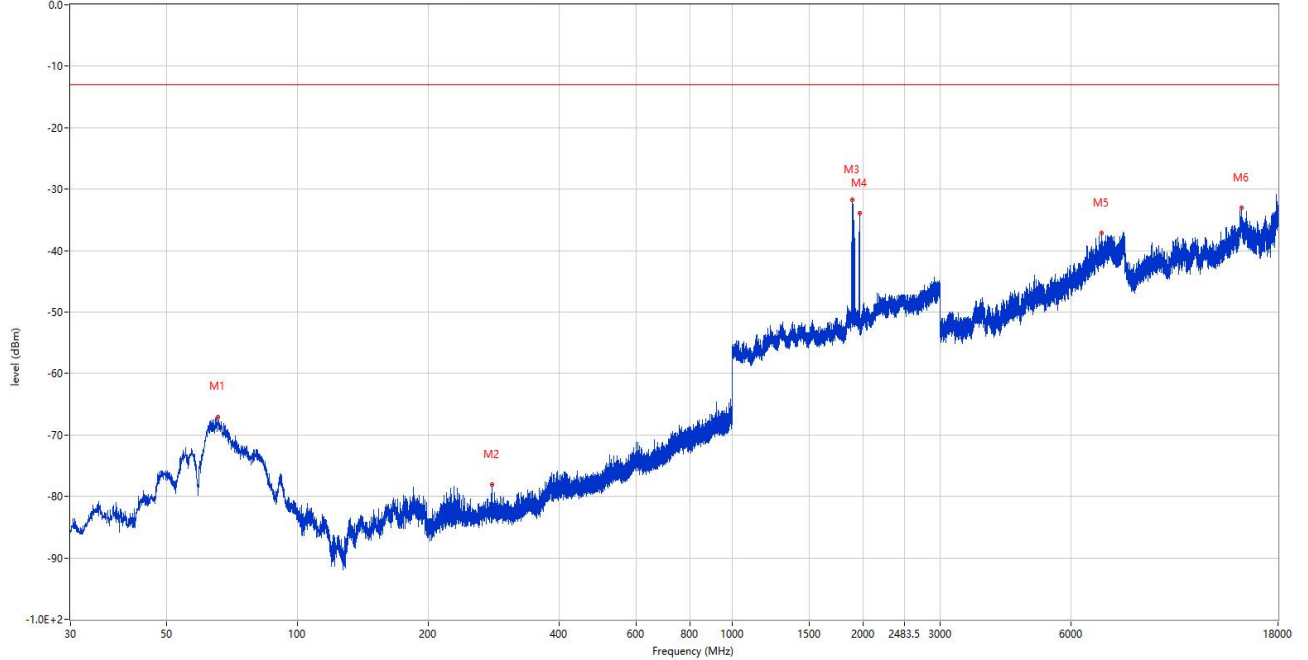
A.7 Field Strength of Spurious Radiation

1. WCDMA

1.1 WCDMA Band 2

Band:WCDMA B2,Channel:9400

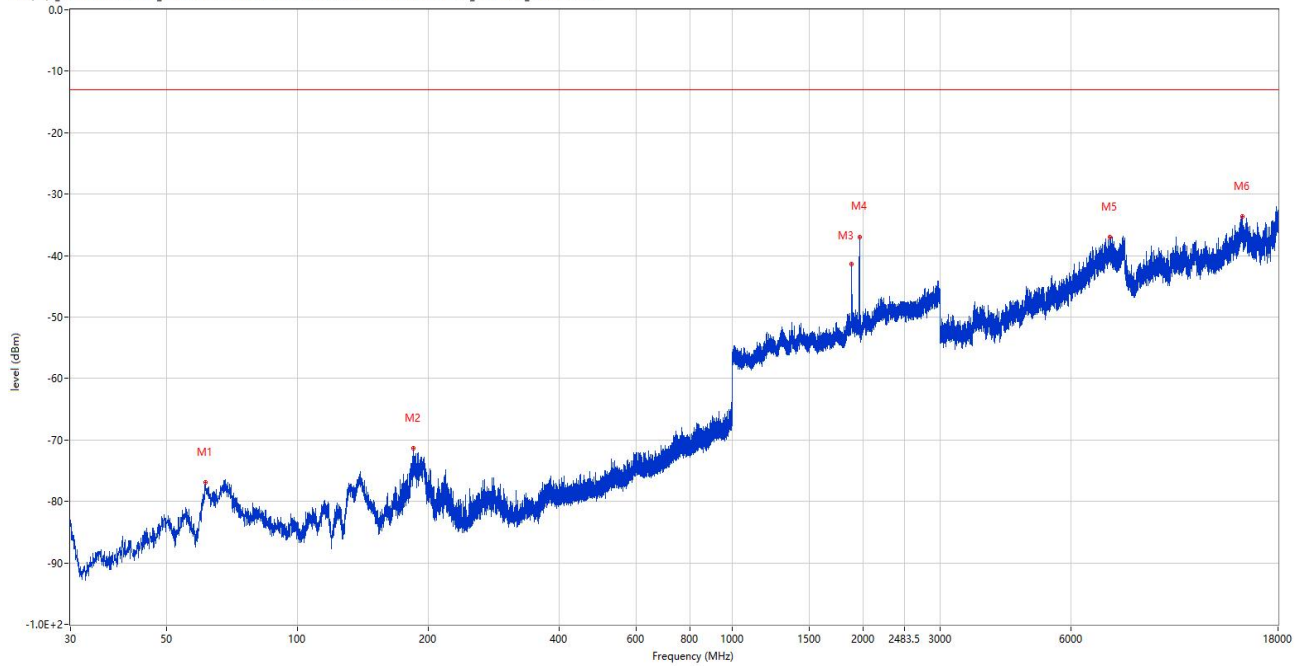
RSE (RF) _FCC PART22&24&27_GSM 1900 & CDMA BC1 & WCDMA Band 2 & LTE Band 2 & 25_1830-1920_30MHz-20GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
65.550	-67.06	-17.52	-13.0	54.06	138.00	Vertical	Vertical	Pass
280.017	-78.09	-13.13	-13.0	65.09	360.00	Vertical	Vertical	Pass
1888.700	-31.75	3.45	-13.0	18.75	355.00	Vertical	Vertical	N/A
1960.000	-33.94	2.92	-13.0	20.94	206.00	Vertical	Vertical	N/A
7072.250	-37.14	16.69	-13.0	24.14	340.00	Vertical	Vertical	Pass
14837.000	-33.09	23.94	-13.0	20.09	322.00	Vertical	Vertical	Pass

Band:WCDMA B2,Channel:9400

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

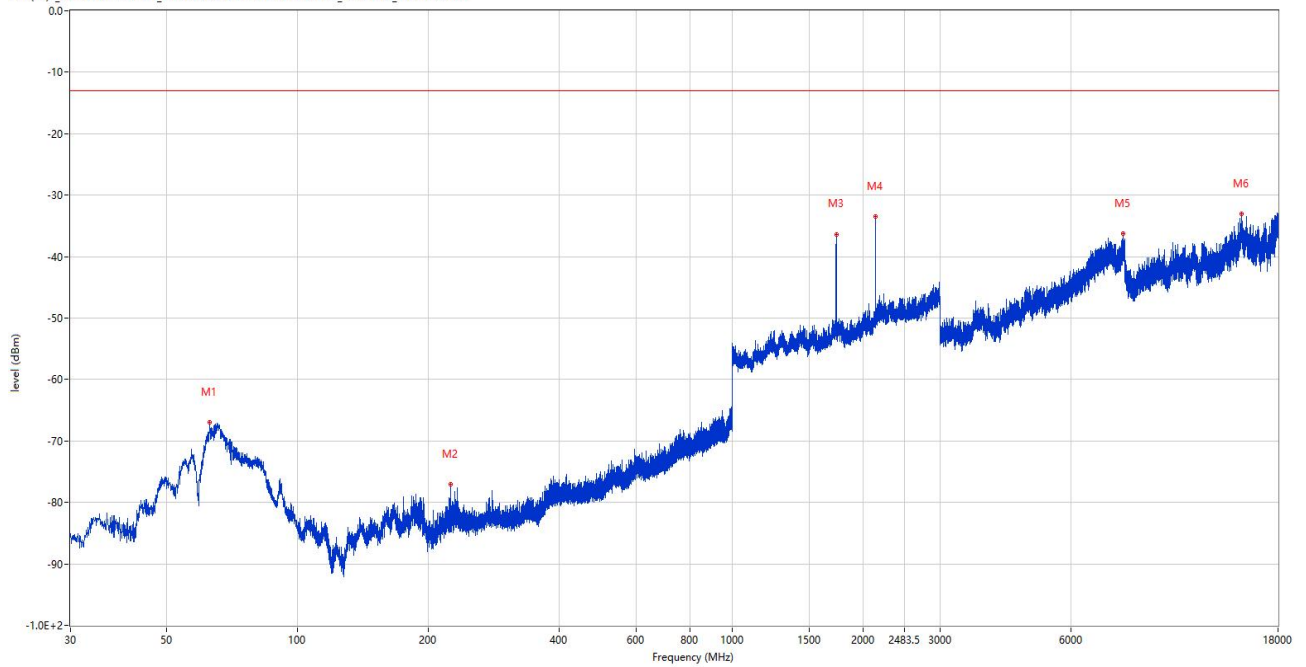


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
61.234	-76.92	-16.31	-13.0	63.92	178.00	Horizontal	Vertical	Pass
184.521	-71.41	-17.92	-13.0	58.41	116.00	Horizontal	Vertical	Pass
1881.700	-41.38	3.42	-13.0	28.38	105.00	Horizontal	Vertical	N/A
1960.300	-36.92	2.89	-13.0	23.92	198.00	Horizontal	Vertical	N/A
7388.500	-37.04	18.46	-13.0	24.04	211.00	Horizontal	Vertical	Pass
14937.201	-33.65	23.44	-13.0	20.65	0.00	Horizontal	Vertical	Pass

1.2 WCDMA Band 4

Band:WCDMA B4,Channel:1412

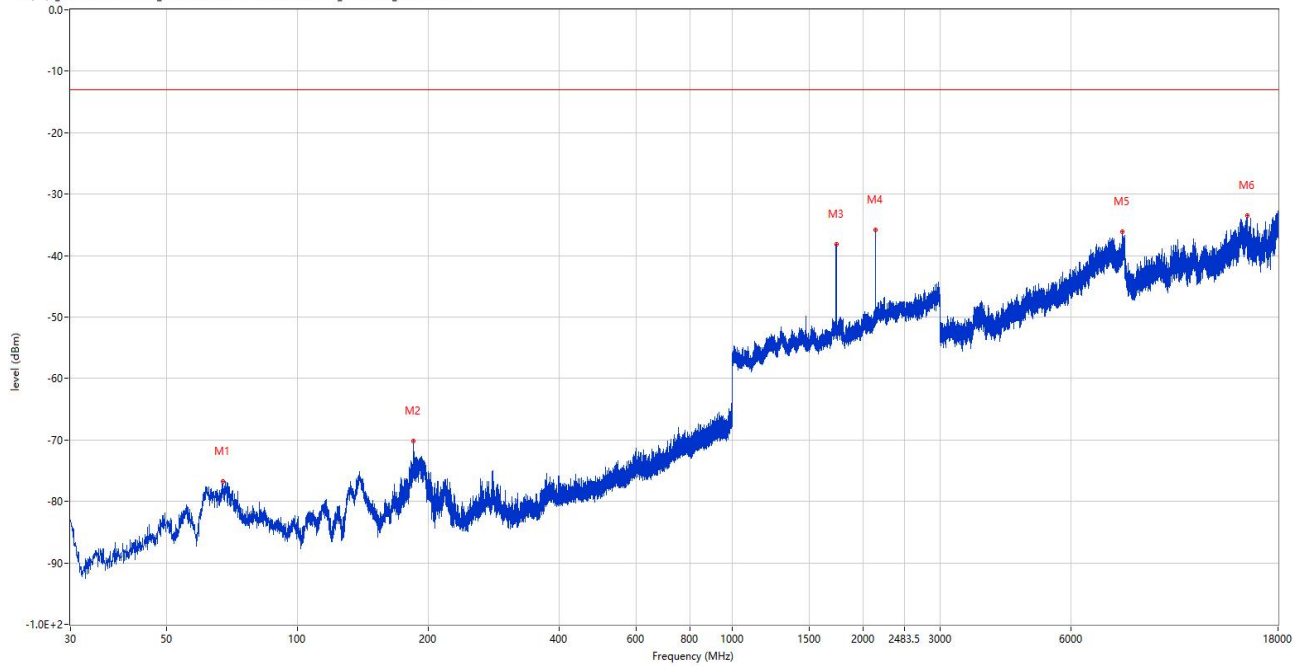
RSE (RF) _FCC PART22&24&27_WCDMA Band 4 & LTE Band 4 & 66_1710-1785_30MHz-20GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
62.737	-66.96	-16.42	-13.0	53.96	126.00	Vertical	Vertical	Pass
224.388	-77.10	-15.62	-13.0	64.10	155.00	Vertical	Vertical	Pass
1734.700	-36.34	2.76	-13.0	23.34	104.00	Vertical	Vertical	N/A
2131.800	-33.52	3.96	-13.0	20.52	215.00	Vertical	Vertical	N/A
7909.500	-36.25	19.34	-13.0	23.25	233.00	Vertical	Vertical	Pass
14855.250	-33.03	23.52	-13.0	20.03	245.00	Vertical	Vertical	Pass

Band:WCDMA B4,Channel:1412

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

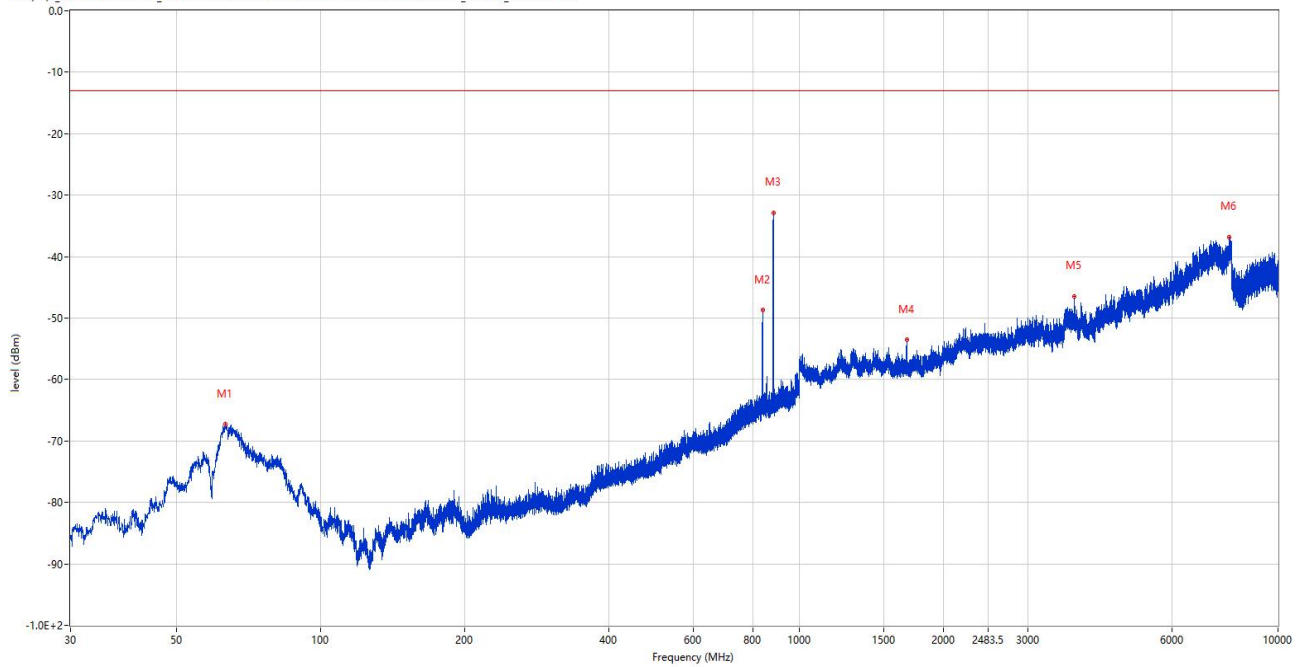


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
67.345	-76.79	-17.61	-13.0	63.79	138.00	Horizontal	Vertical	Pass
184.376	-70.22	-17.92	-13.0	57.22	108.00	Horizontal	Vertical	Pass
1734.500	-38.13	2.76	-13.0	25.13	70.00	Horizontal	Vertical	N/A
2131.800	-35.87	3.96	-13.0	22.87	128.00	Horizontal	Vertical	N/A
7897.000	-36.08	19.10	-13.0	23.08	83.00	Horizontal	Vertical	Pass
15279.713	-33.43	22.11	-13.0	20.43	137.00	Horizontal	Vertical	Pass

1.3 WCDMA Band 5

Band:WCDMA B5,Channel:4182

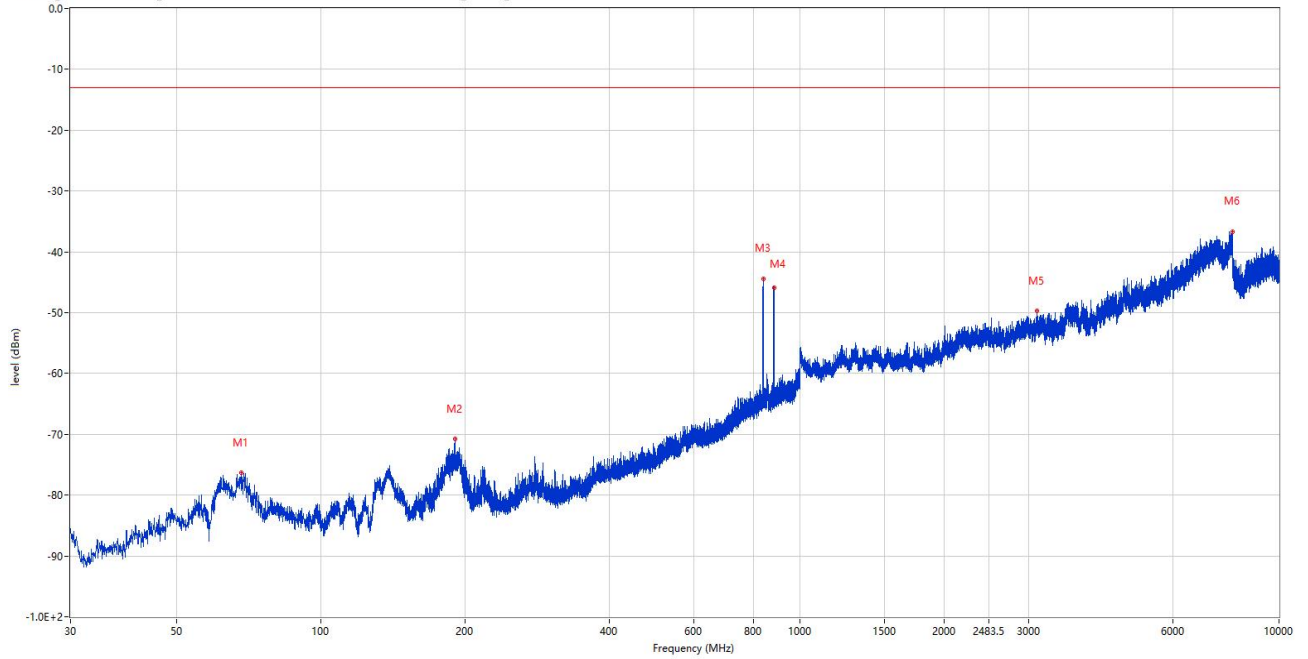
RSE (RF) _FCC PART22&24&27_GSM 850 & CDMA BC0 & WCDMA Band5 & LTE Band 5 & 26_814-849_30MHz-10GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
63.222	-67.28	-15.51	-13.0	54.28	136.00	Vertical	Vertical	Pass
837.428	-48.70	5.73	-13.0	35.70	208.00	Vertical	Vertical	N/A
882.290	-32.85	5.74	-13.0	19.85	196.00	Vertical	Vertical	N/A
1675.800	-53.57	-3.75	-13.0	40.57	181.00	Vertical	Vertical	Pass
3757.000	-46.54	8.77	-13.0	33.54	50.00	Vertical	Vertical	Pass
7916.750	-36.79	19.29	-13.0	23.79	1.00	Vertical	Vertical	Pass

Band:WCDMA B5,Channel:4182

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



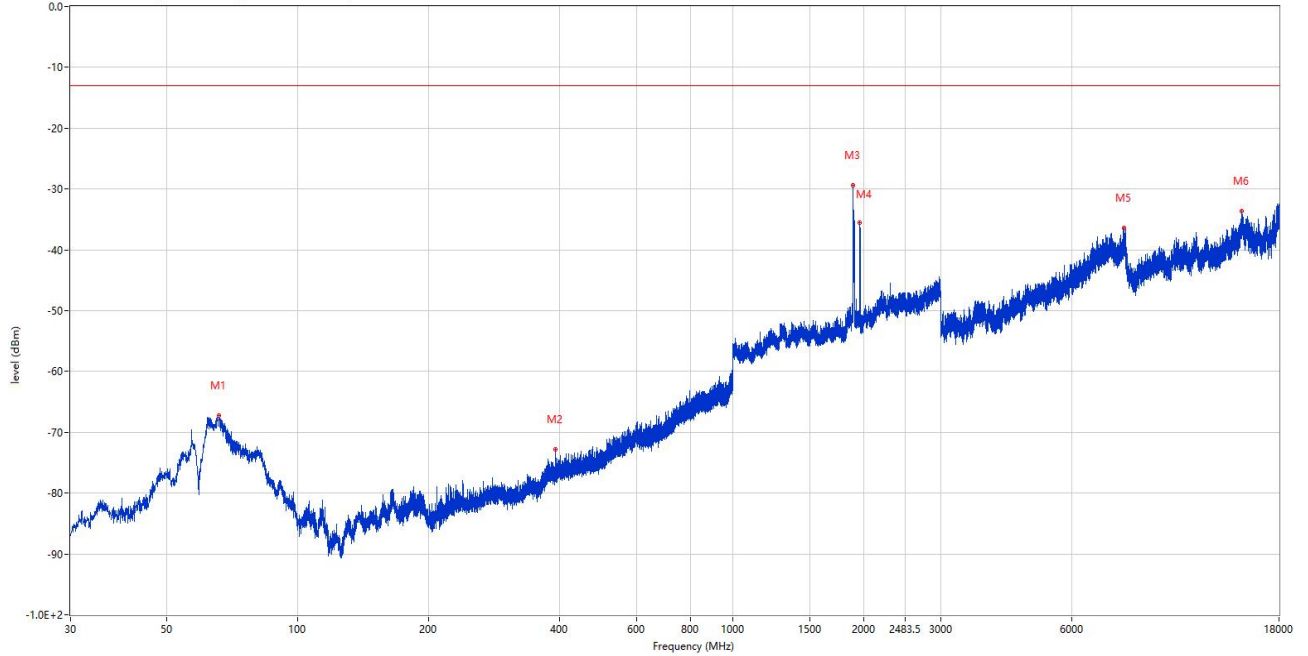
Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
68.121	-76.33	-16.50	-13.0	63.33	171.00	Horizontal	Vertical	Pass
190.244	-70.83	-15.35	-13.0	57.83	283.00	Horizontal	Vertical	Pass
837.476	-44.42	5.74	-13.0	31.42	94.00	Horizontal	Vertical	N/A
882.873	-45.96	5.74	-13.0	32.96	271.00	Horizontal	Vertical	N/A
3119.000	-49.73	5.07	-13.0	36.73	360.00	Horizontal	Vertical	Pass
7994.500	-36.72	20.04	-13.0	23.72	158.00	Horizontal	Vertical	Pass

2. LTE

2.1 LTE Band 2

Band:LTE B2,Channel:18900,BW1.4

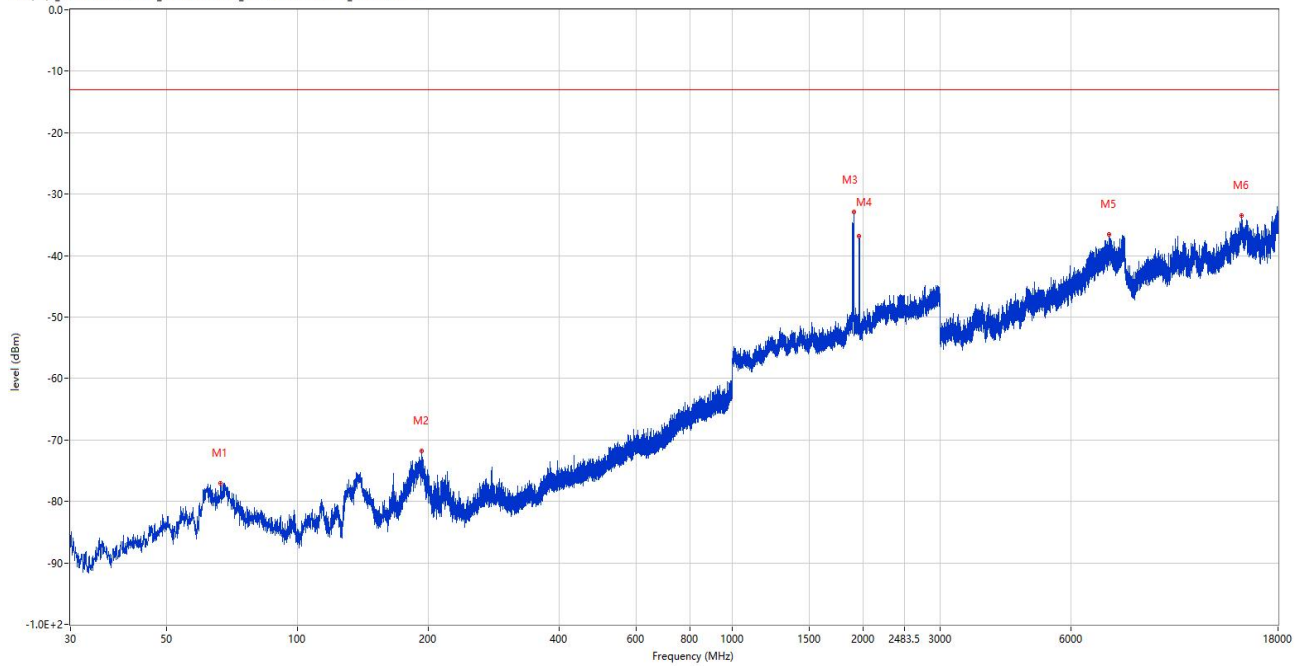
RSE (RF) _FCC PART22&24&27_LTE Band 2 & 5 _1830-1920 & 824-849_30MHz-18GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
65.696	-67.28	-16.61	-13.0	54.28	140.00	Vertical	Vertical	Pass
390.452	-72.85	-7.29	-13.0	59.85	43.00	Vertical	Vertical	Pass
1890.400	-29.44	3.46	-13.0	16.44	218.00	Vertical	Vertical	N/A
1958.300	-35.47	2.87	-13.0	22.47	214.00	Vertical	Vertical	N/A
7935.500	-36.39	19.24	-13.0	23.39	351.00	Vertical	Vertical	Pass
14768.000	-33.63	23.53	-13.0	20.63	297.00	Vertical	Vertical	Pass

Band:LTE B2,Channel:18900,BW1.4

RSE (RF) _FCC PART22&24&27_LTE Band 2 & 5 _1830-1920 & 824-849_30MHz-18GHz

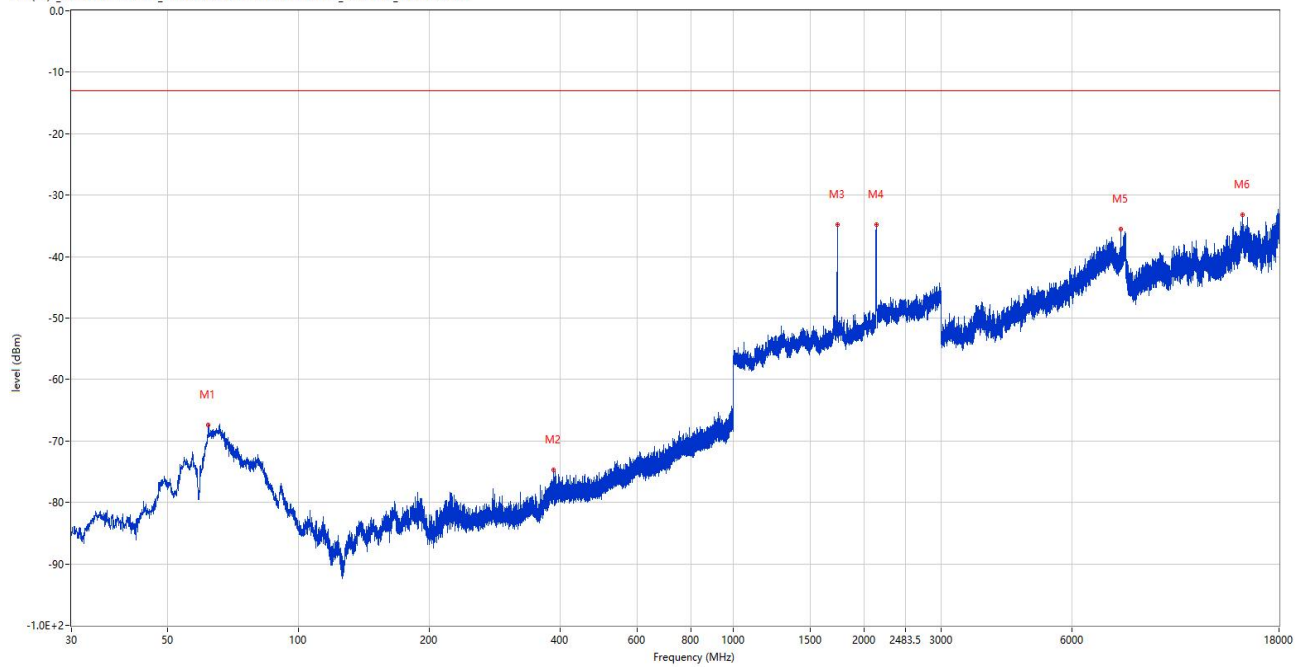


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
66.375	-77.08	-16.70	-13.0	64.08	169.00	Horizontal	Vertical	Pass
192.669	-71.76	-15.33	-13.0	58.76	276.00	Horizontal	Vertical	Pass
1903.600	-32.95	3.50	-13.0	19.95	201.00	Horizontal	Vertical	N/A
1957.800	-36.89	2.86	-13.0	23.89	197.00	Horizontal	Vertical	N/A
7356.750	-36.58	17.88	-13.0	23.58	310.00	Horizontal	Vertical	Pass
14830.401	-33.55	24.18	-13.0	20.55	175.00	Horizontal	Vertical	Pass

2.2 LTE Band 4

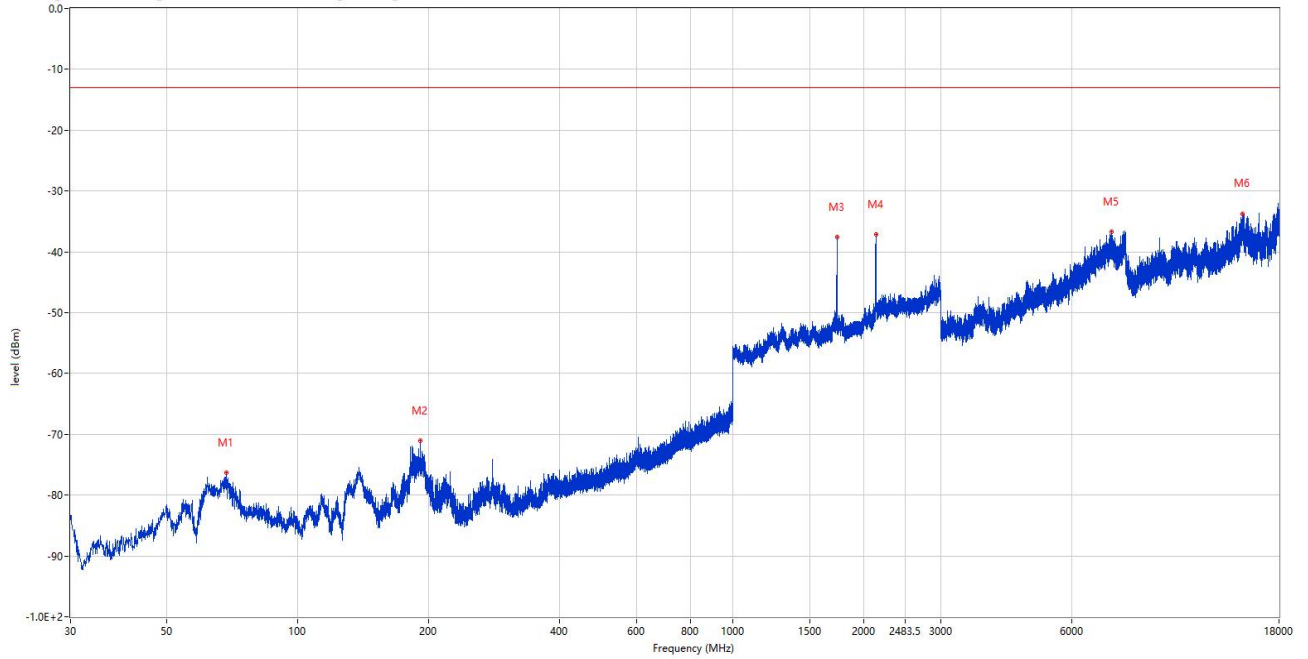
Band:LTE B4,Channel:20175,BW10

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



Band:LTE B4,Channel:20175,BW10

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

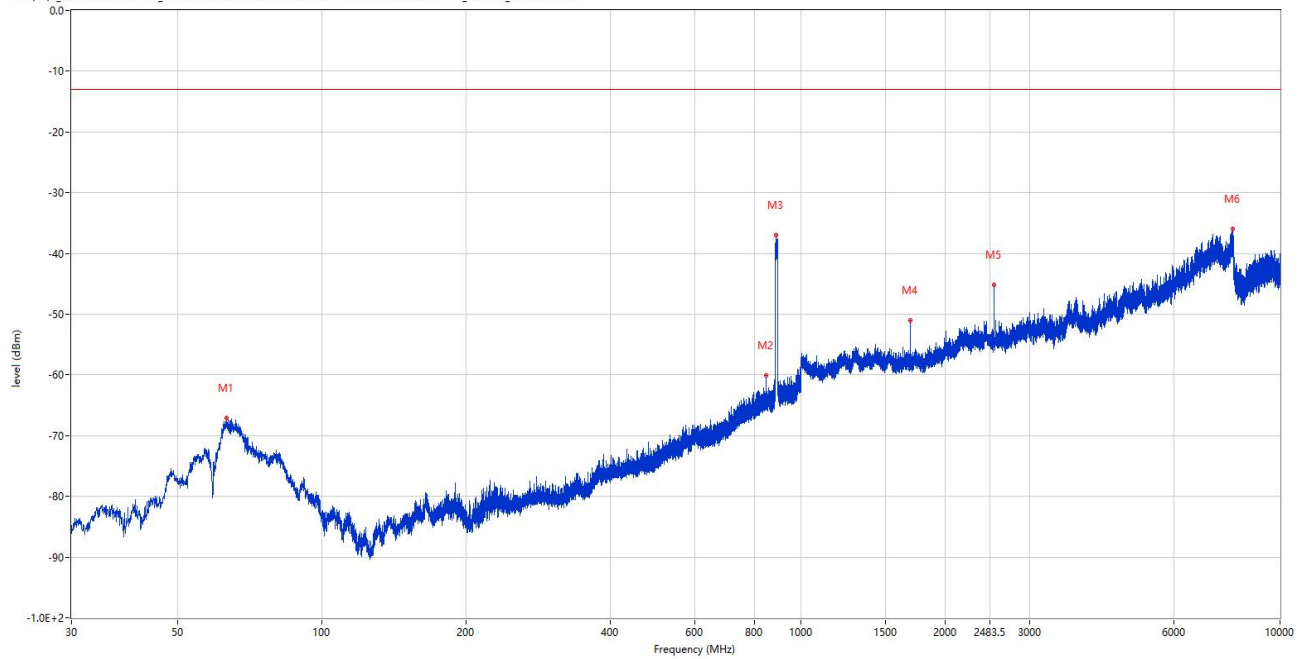


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
68.509	-76.36	-17.74	-13.0	63.36	160.00	Horizontal	Vertical	Pass
191.117	-71.09	-17.36	-13.0	58.09	102.00	Horizontal	Vertical	Pass
1733.400	-37.57	2.77	-13.0	24.57	68.00	Horizontal	Vertical	N/A
2132.000	-37.15	3.97	-13.0	24.15	323.00	Horizontal	Vertical	N/A
7412.750	-36.73	18.99	-13.0	23.73	34.00	Horizontal	Vertical	Pass
14839.238	-33.72	23.86	-13.0	20.72	291.00	Horizontal	Vertical	Pass

2.3 LTE Band 5

Band:LTE B5,Channel:20600,BW10

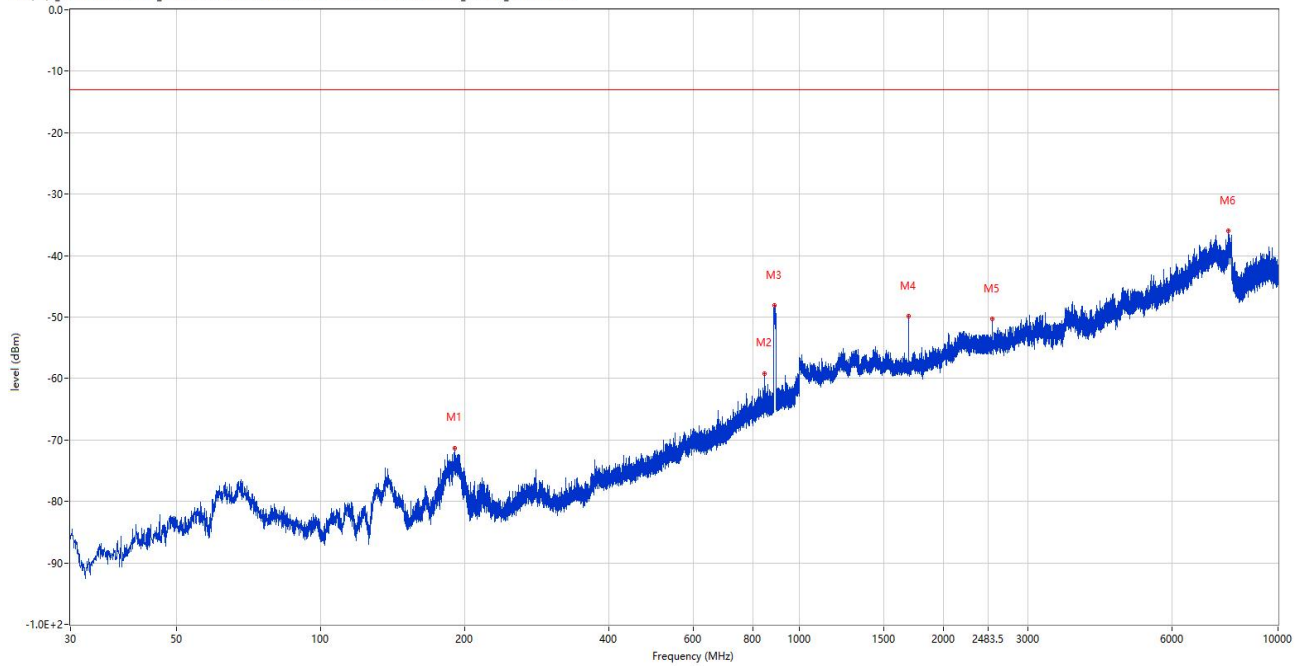
RSE (RF) _FCC PART22&24&27_GSM 850 & CDMA BC0 & WCDMA Band5 & LTE Band 5 & 26 _814-849_30MHz-10GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
63.271	-67.07	-15.53	-13.0	54.07	143.00	Vertical	Vertical	Pass
844.073	-60.06	5.80	-13.0	47.06	198.00	Vertical	Vertical	N/A
886.268	-37.04	5.86	-13.0	24.04	195.00	Vertical	Vertical	N/A
1689.100	-51.08	-4.02	-13.0	38.08	164.00	Vertical	Vertical	Pass
2533.200	-45.22	1.28	-13.0	32.22	160.00	Vertical	Vertical	Pass
7957.750	-35.96	19.77	-13.0	22.96	290.00	Vertical	Vertical	Pass

Band:LTE B5,Channel:20600,BW10

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

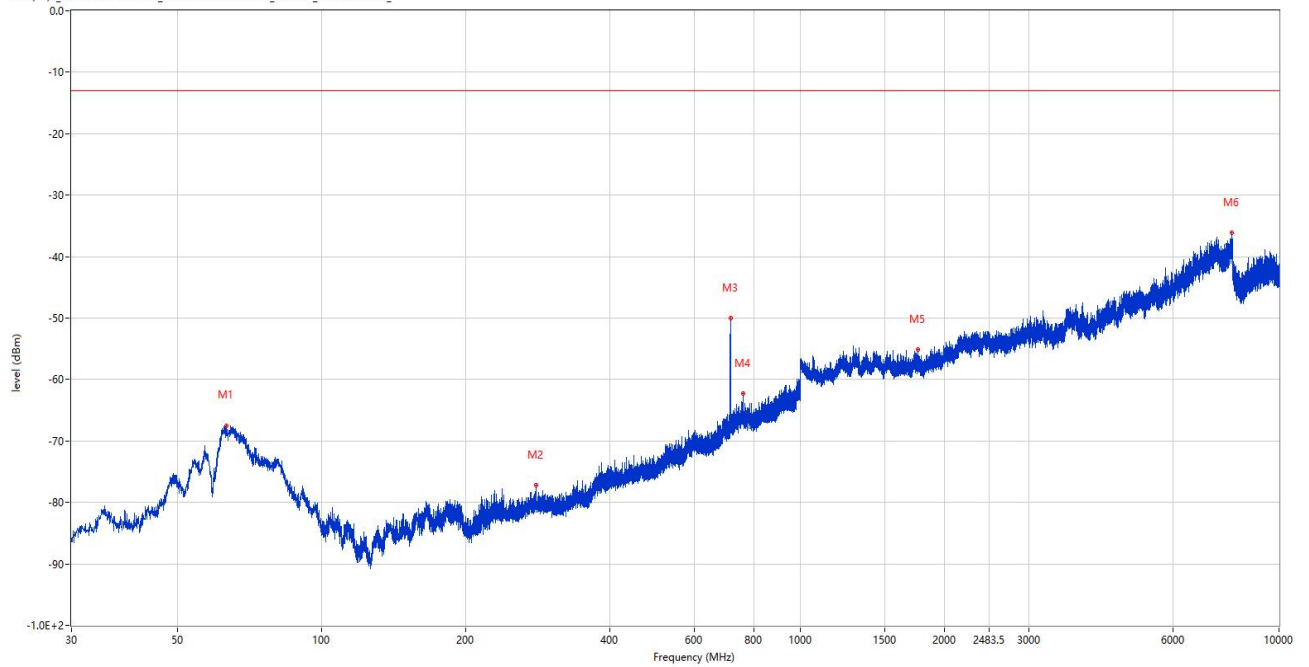


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
190.874	-71.28	-15.26	-13.0	58.28	275.00	Horizontal	Vertical	Pass
844.073	-59.23	5.80	-13.0	46.23	103.00	Horizontal	Vertical	N/A
885.637	-48.07	5.82	-13.0	35.07	21.00	Horizontal	Vertical	N/A
1689.200	-49.88	-4.02	-13.0	36.88	52.00	Horizontal	Vertical	Pass
2533.300	-50.35	1.28	-13.0	37.35	145.00	Horizontal	Vertical	Pass
7888.250	-36.02	18.88	-13.0	23.02	314.00	Horizontal	Vertical	Pass

2.4 LTE Band 12

Band:LTE B12,Channel:23165,BW3

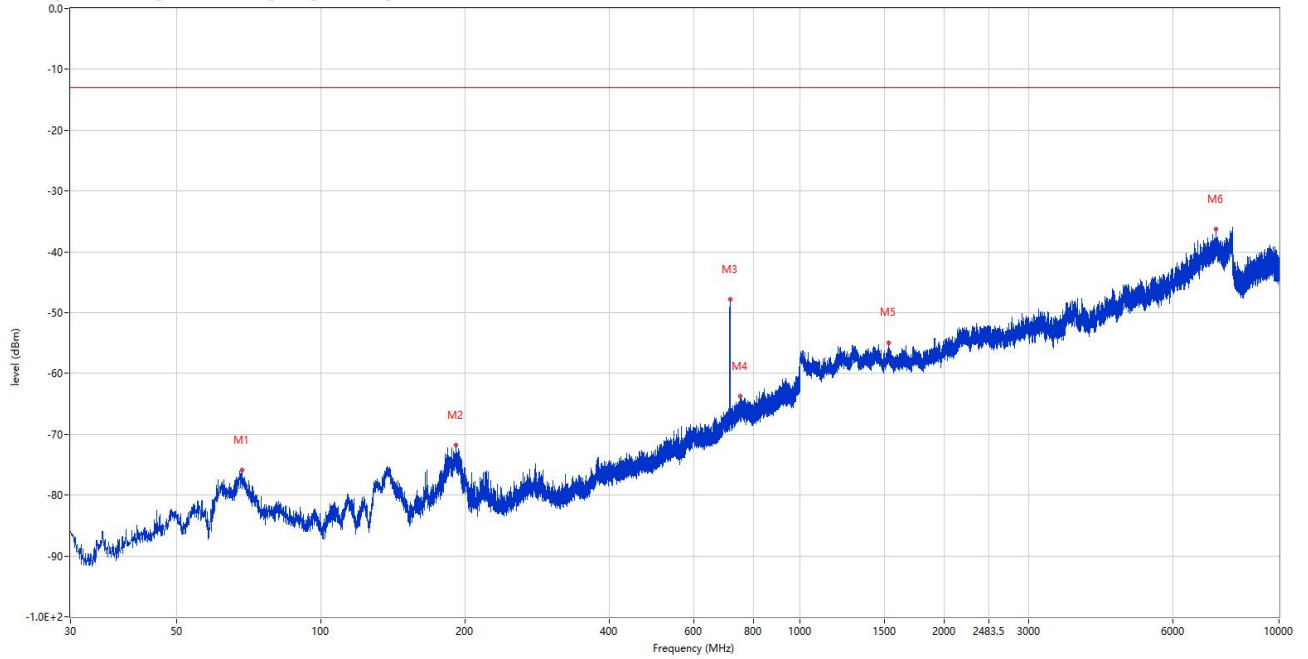
RSE (RF) _FCC PART22&24&27_LTE B12 & B17 & B28_699-748_30MHz-10GHz_



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
63.126	-67.48	-15.61	-13.0	54.48	166.00	Vertical	Vertical	Pass
279.969	-77.12	-10.56	-13.0	64.12	102.00	Vertical	Vertical	Pass
714.044	-50.07	2.59	-13.0	37.07	132.00	Vertical	Vertical	N/A
758.179	-62.30	4.22	-13.0	49.30	87.00	Vertical	Vertical	N/A
1760.200	-55.17	-3.38	-13.0	42.17	292.00	Vertical	Vertical	Pass
7980.750	-36.07	19.87	-13.0	23.07	107.00	Vertical	Vertical	Pass

Band:LTE B12,Channel:23165,BW3

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

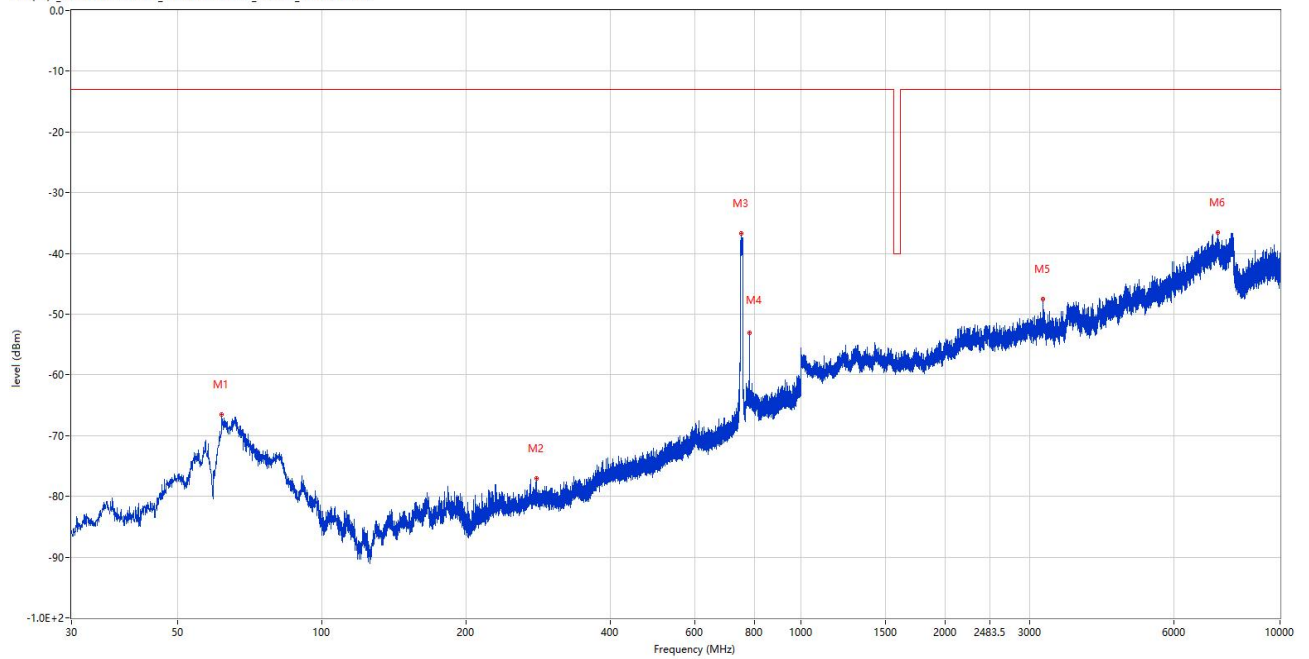


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
68.315	-75.85	-16.67	-13.0	62.85	173.00	Horizontal	Vertical	Pass
191.117	-71.85	-15.41	-13.0	58.85	277.00	Horizontal	Vertical	Pass
713.995	-47.83	2.59	-13.0	34.83	44.00	Horizontal	Vertical	N/A
749.110	-63.78	3.99	-13.0	50.78	106.00	Horizontal	Vertical	N/A
1530.400	-55.03	-2.84	-13.0	42.03	92.00	Horizontal	Vertical	Pass
7382.000	-36.23	18.44	-13.0	23.23	240.00	Horizontal	Vertical	Pass

2.5 LTE Band 13

Band:LTE B13,Channel:23230,BW10

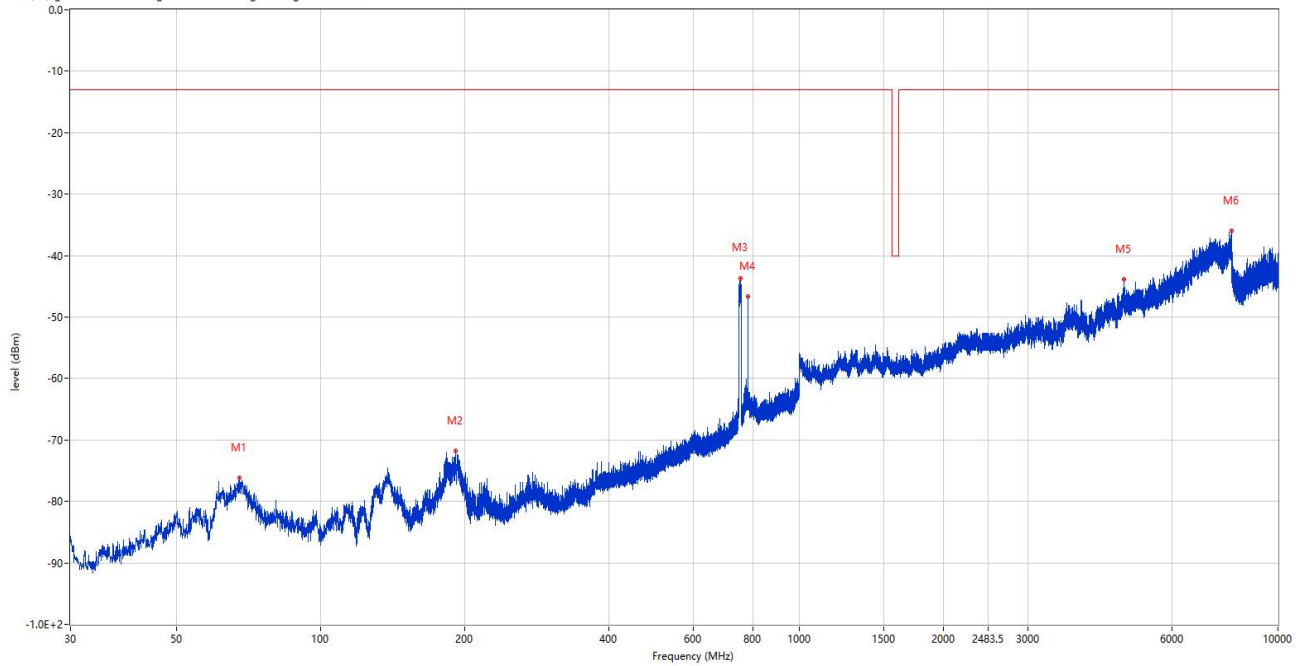
RSE (RF) _FCC PART2&24&27_LTE Band 13 & 14 _777-803_30MHz-10GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
61.816	-66.52	-15.18	-13.0	53.52	135.00	Vertical	Vertical	Pass
280.017	-77.12	-10.33	-13.0	64.12	195.00	Vertical	Vertical	Pass
749.401	-36.66	3.13	-13.0	23.66	305.00	Vertical	Vertical	N/A
782.089	-53.11	6.36	-13.0	40.11	22.00	Vertical	Vertical	N/A
3203.000	-47.55	5.10	-13.0	34.55	196.00	Vertical	Vertical	Pass
7403.500	-36.60	18.99	-13.0	23.60	348.00	Vertical	Vertical	Pass

Band:LTE B13,Channel:23230,BW10

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

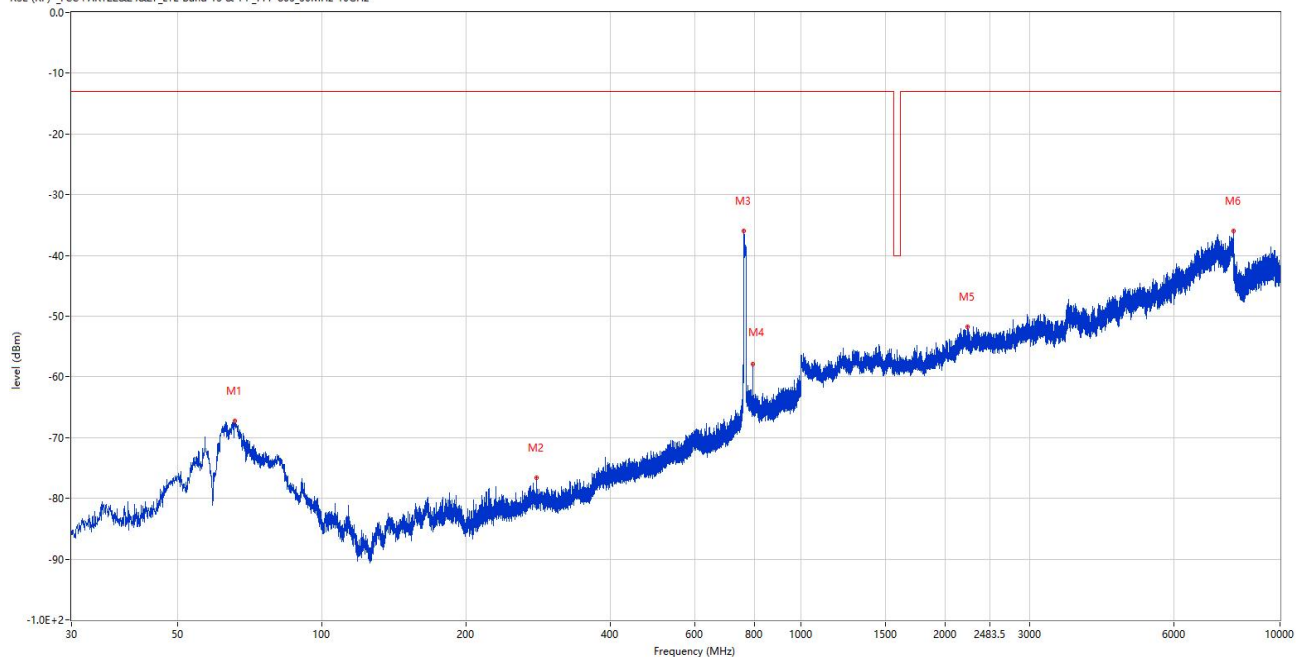


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
67.636	-76.10	-16.60	-13.0	63.10	162.00	Horizontal	Vertical	Pass
191.602	-71.81	-15.41	-13.0	58.81	259.00	Horizontal	Vertical	Pass
754.735	-43.76	3.44	-13.0	30.76	50.00	Horizontal	Vertical	N/A
782.138	-46.60	6.35	-13.0	33.60	39.00	Horizontal	Vertical	N/A
4767.000	-43.92	11.02	-13.0	30.92	63.00	Horizontal	Vertical	Pass
7995.750	-36.02	20.08	-13.0	23.02	134.00	Horizontal	Vertical	Pass

2.6 LTE Band 14

Band:LTE B14,Channel:23300,BW10

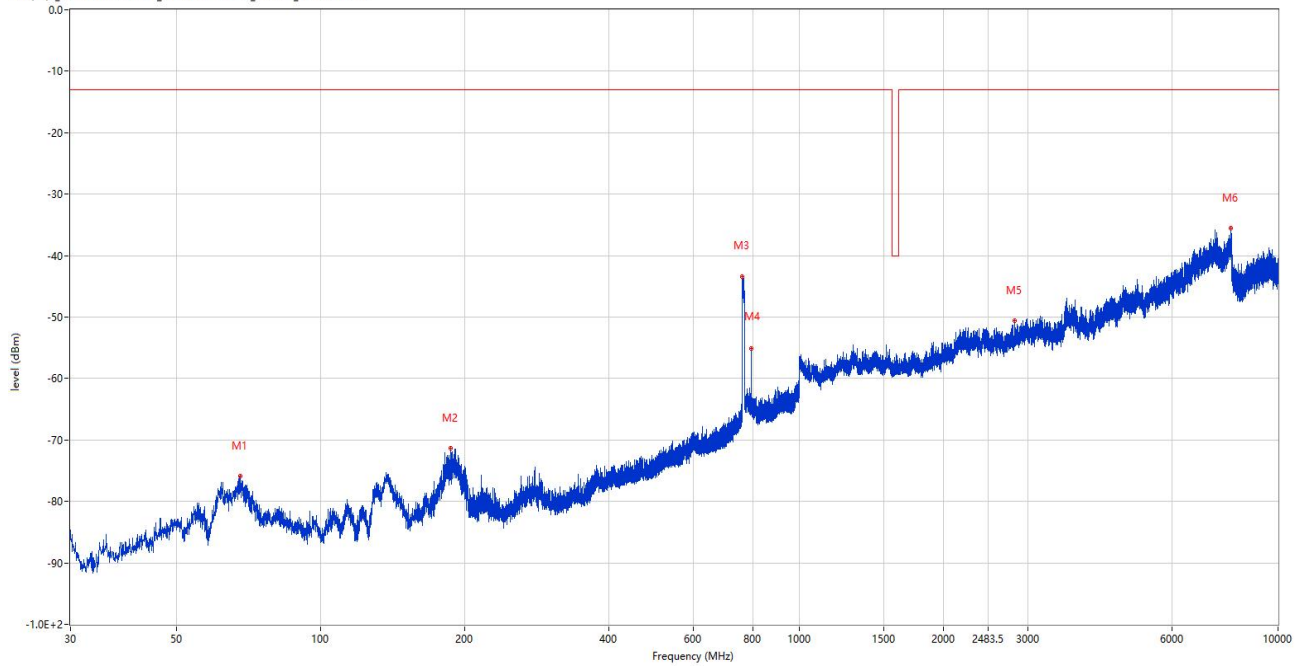
RSE (RF) _FCC PART2&24&27_LTE Band 13 & 14 _777-803_30MHz-10GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
65.696	-67.28	-16.56	-13.0	54.28	130.00	Vertical	Vertical	Pass
279.969	-76.62	-10.33	-13.0	63.62	355.00	Vertical	Vertical	Pass
759.391	-35.96	3.86	-13.0	22.96	311.00	Vertical	Vertical	N/A
793.148	-57.85	5.74	-13.0	44.85	208.00	Vertical	Vertical	N/A
2225.400	-51.79	0.58	-13.0	38.79	60.00	Vertical	Vertical	Pass
7989.750	-35.94	19.90	-13.0	22.94	11.00	Vertical	Vertical	Pass

Band:LTE B14,Channel:23300,BW10

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

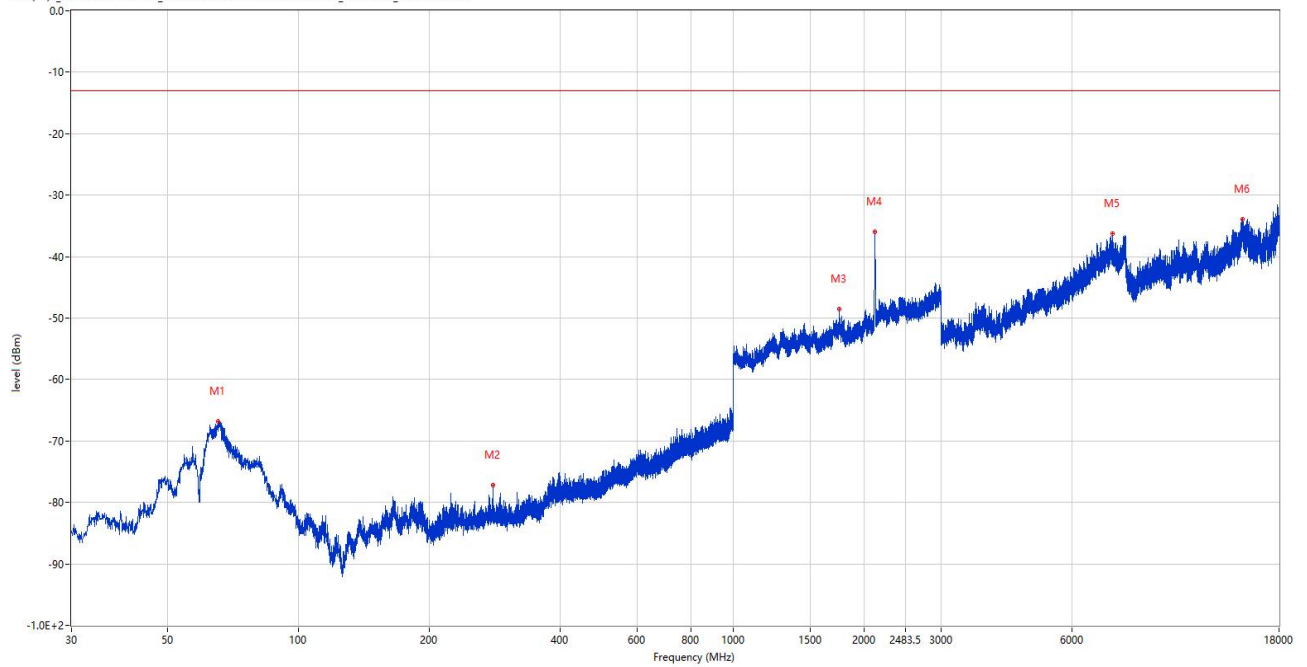


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
67.782	-75.82	-16.59	-13.0	62.82	142.00	Horizontal	Vertical	Pass
186.995	-71.34	-15.93	-13.0	58.34	119.00	Horizontal	Vertical	Pass
758.713	-43.37	3.73	-13.0	30.37	41.00	Horizontal	Vertical	N/A
793.050	-55.17	5.74	-13.0	42.17	300.00	Horizontal	Vertical	N/A
2821.200	-50.61	2.31	-13.0	37.61	360.00	Horizontal	Vertical	Pass
7956.750	-35.53	19.77	-13.0	22.53	4.00	Horizontal	Vertical	Pass

2.7 LTE Band 66

Band:LTE B66,Channel:132022,BW10

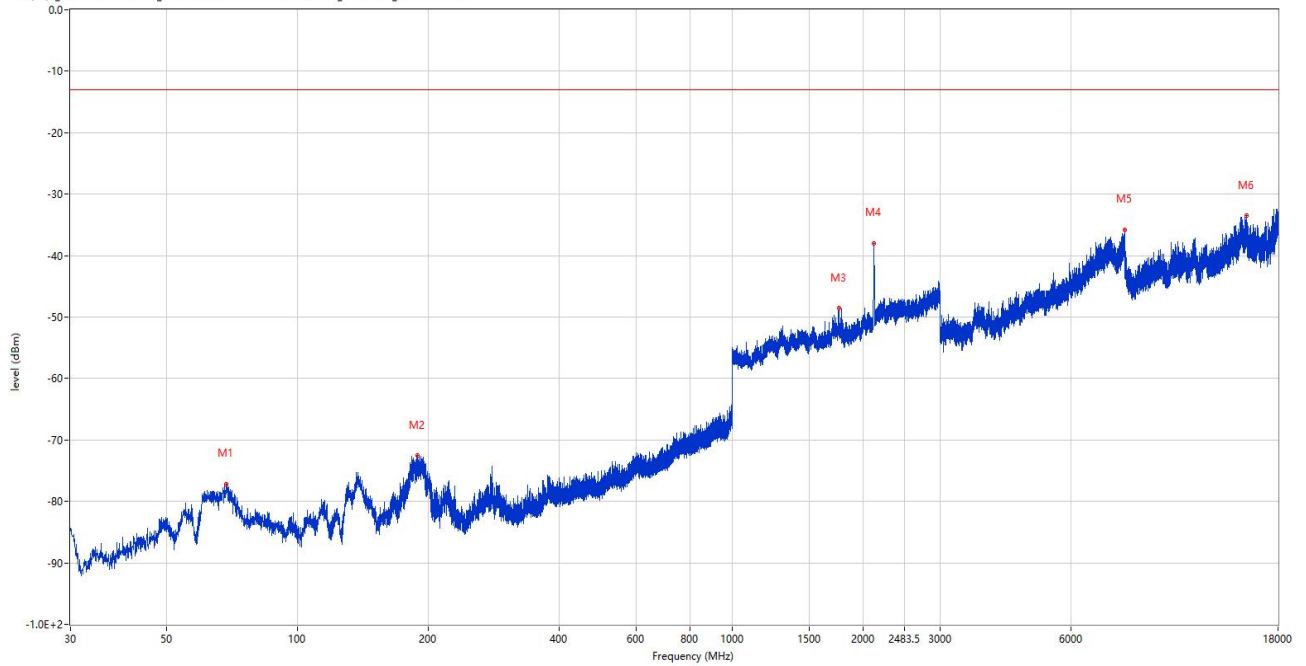
RSE (RF) _FCC PART22&24&27_WCDMA Band 4 & LTE Band 4 & 66_1710-1785_30MHz-20GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
65.211	-66.83	-17.40	-13.0	53.83	124.00	Vertical	Vertical	Pass
280.017	-77.23	-13.13	-13.0	64.23	233.00	Vertical	Vertical	Pass
1749.800	-48.57	2.60	-13.0	35.57	350.00	Vertical	Vertical	N/A
2112.100	-35.98	3.96	-13.0	22.98	215.00	Vertical	Vertical	N/A
7458.000	-36.19	18.31	-13.0	23.19	107.00	Vertical	Vertical	Pass
14855.513	-33.98	23.52	-13.0	20.98	74.00	Vertical	Vertical	Pass

Band:LTE B66,Channel:132022,BW10

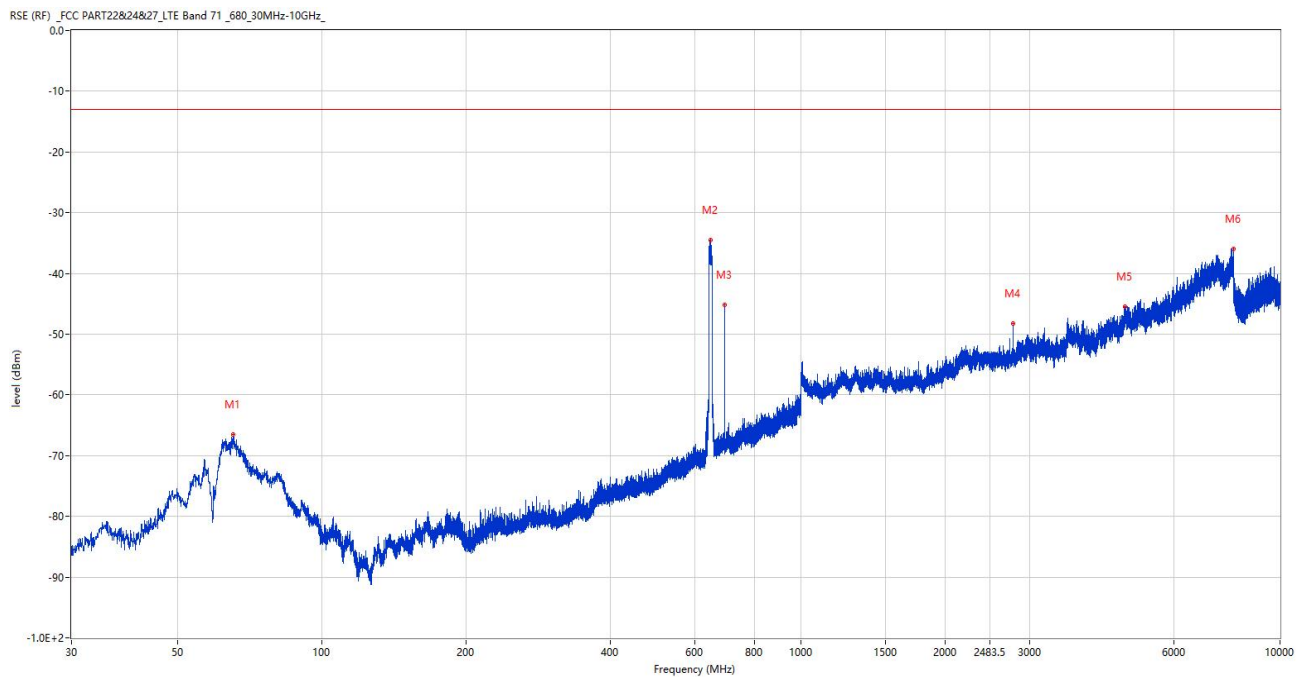
RSE (RF) _FCC PART22&24&27_WCDMA Band 4 & LTE Band 4 & 66_1710-1785_30MHz-20GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
68.461	-77.22	-17.72	-13.0	64.22	140.00	Horizontal	Vertical	Pass
188.837	-72.52	-17.62	-13.0	59.52	258.00	Horizontal	Vertical	Pass
1757.900	-48.48	2.73	-13.0	35.48	244.00	Horizontal	Vertical	N/A
2112.700	-37.97	3.97	-13.0	24.97	129.00	Horizontal	Vertical	N/A
7987.000	-35.81	19.89	-13.0	22.81	271.00	Horizontal	Vertical	Pass
15237.975	-33.46	22.56	-13.0	20.46	133.00	Horizontal	Vertical	Pass

2.8 LTE Band 71

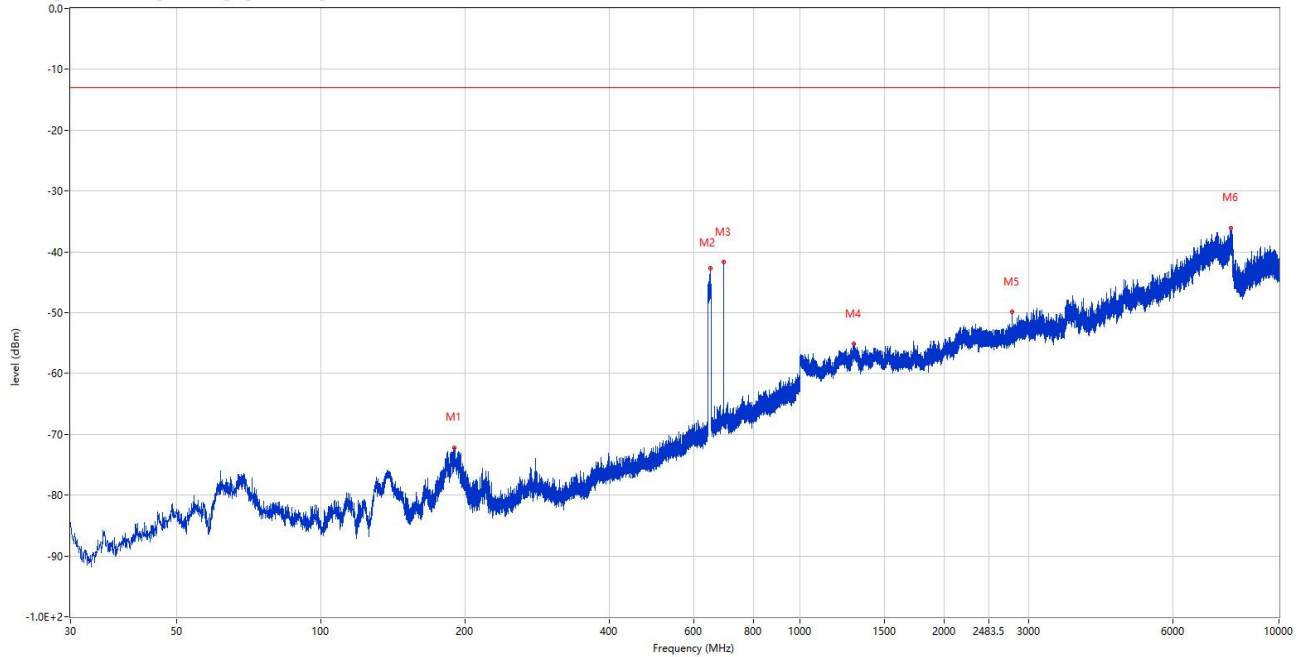
Band:LTE B71,Channel:133422,BW10



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
65.356	-66.50	-16.45	-13.0	53.50	134.00	Vertical	Vertical	Pass
646.823	-34.46	0.50	-13.0	21.46	227.00	Vertical	Vertical	N/A
693.092	-45.11	2.46	-13.0	32.11	127.00	Vertical	Vertical	N/A
2773.100	-50.19	2.44	-13.0	37.19	276.00	Vertical	Vertical	Pass
4742.250	-45.47	10.96	-13.0	32.47	0.00	Vertical	Vertical	Pass
7998.000	-35.97	20.15	-13.0	22.97	1.00	Vertical	Vertical	Pass

Band:LTE B71,Channel:133422,BW10

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



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
189.613	-72.16	-15.67	-13.0	59.16	267.00	Horizontal	Vertical	Pass
649.830	-42.65	0.35	-13.0	29.65	249.00	Horizontal	Vertical	N/A
693.092	-41.68	2.46	-13.0	28.68	47.00	Horizontal	Vertical	N/A
1296.000	-55.16	-2.43	-13.0	42.16	227.00	Horizontal	Vertical	Pass
2773.200	-49.90	2.44	-13.0	36.90	142.00	Horizontal	Vertical	Pass
7952.500	-36.04	19.74	-13.0	23.04	247.00	Horizontal	Vertical	Pass

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