

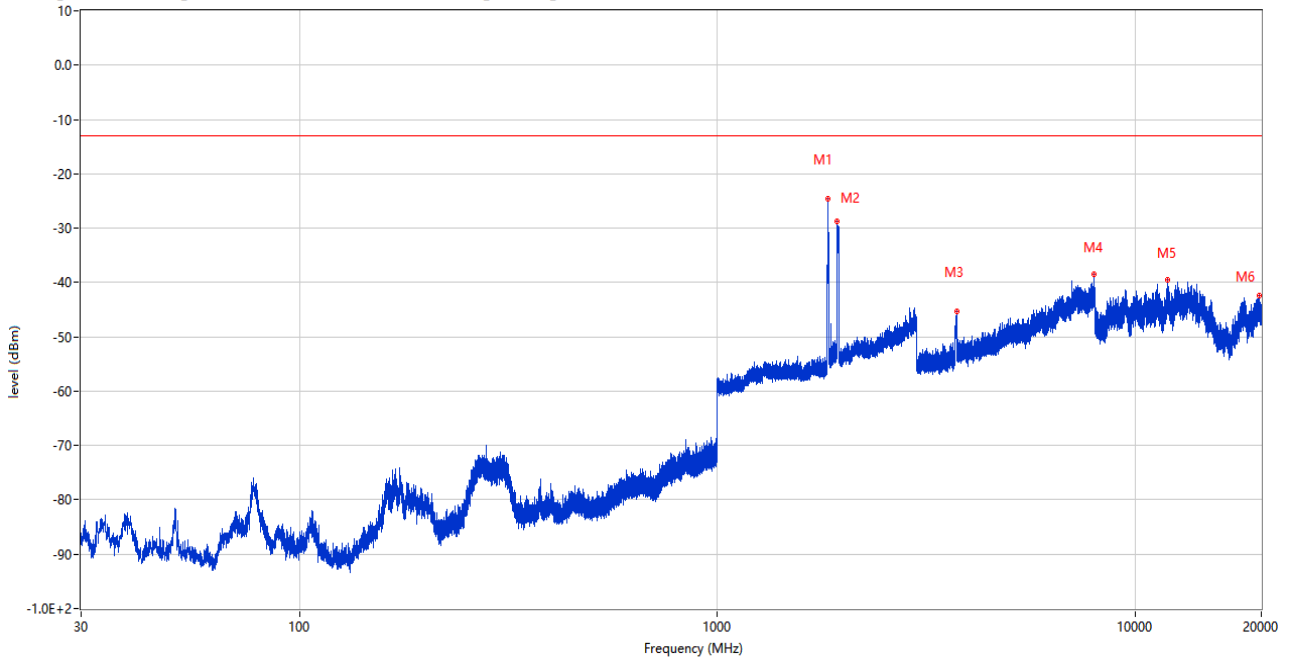
A.7 Field Strength of Spurious Radiation

1. LTE

1.1 LTE Band 2

Band:LTE B2,BW :20 Channel:LOW range

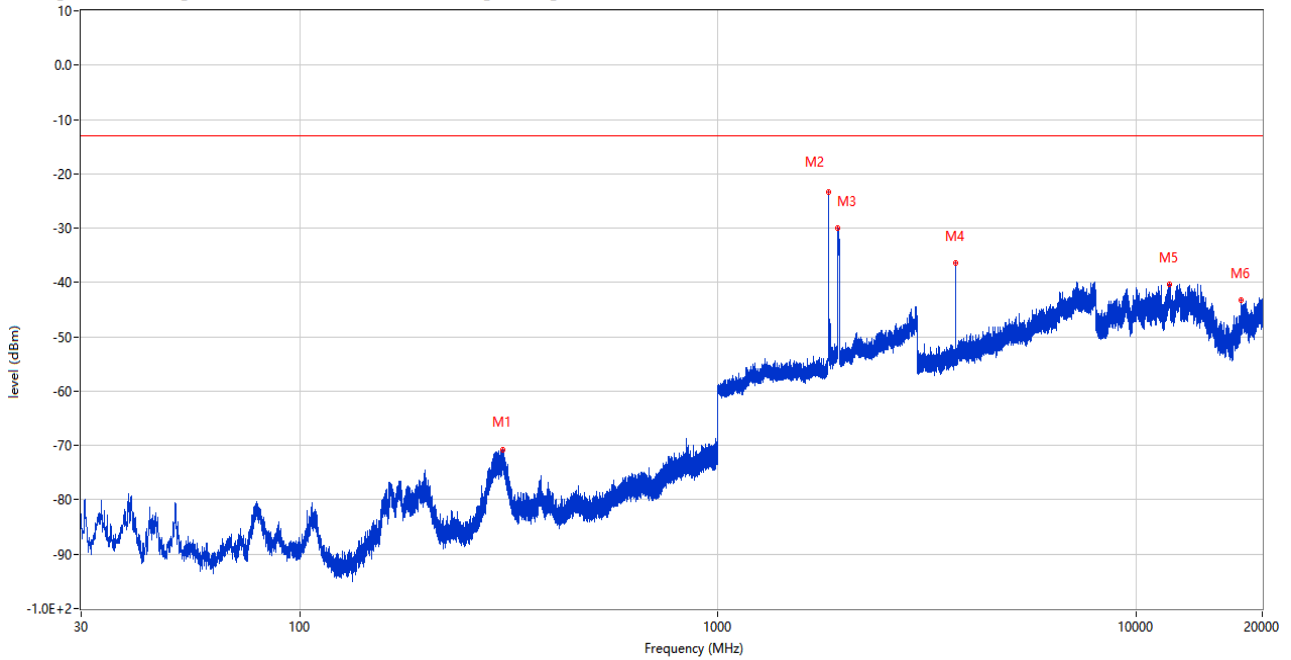
RSE (RF) _FCC PART22&24&27_CDMA BC1 & WCDMA Band 2 & LTE Band 2 & 25_1830-1920_30MHz-20GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
1839.600	-24.55	1.07	-13.0	11.55	244.00	Horizontal	Horizontal	N/A
1932.400	-28.72	1.88	-13.0	15.72	254.00	Horizontal	Horizontal	N/A
3729.750	-45.37	5.30	-13.0	32.37	12.00	Horizontal	Horizontal	Pass
7963.000	-38.51	15.01	-13.0	25.51	0.00	Horizontal	Horizontal	Pass
11953.188	-39.53	14.04	-13.0	26.53	201.00	Horizontal	Horizontal	Pass
19771.988	-42.47	12.67	-13.0	29.47	17.00	Horizontal	Horizontal	Pass

Band:LTE B2,BW :20 Channel:LOW range

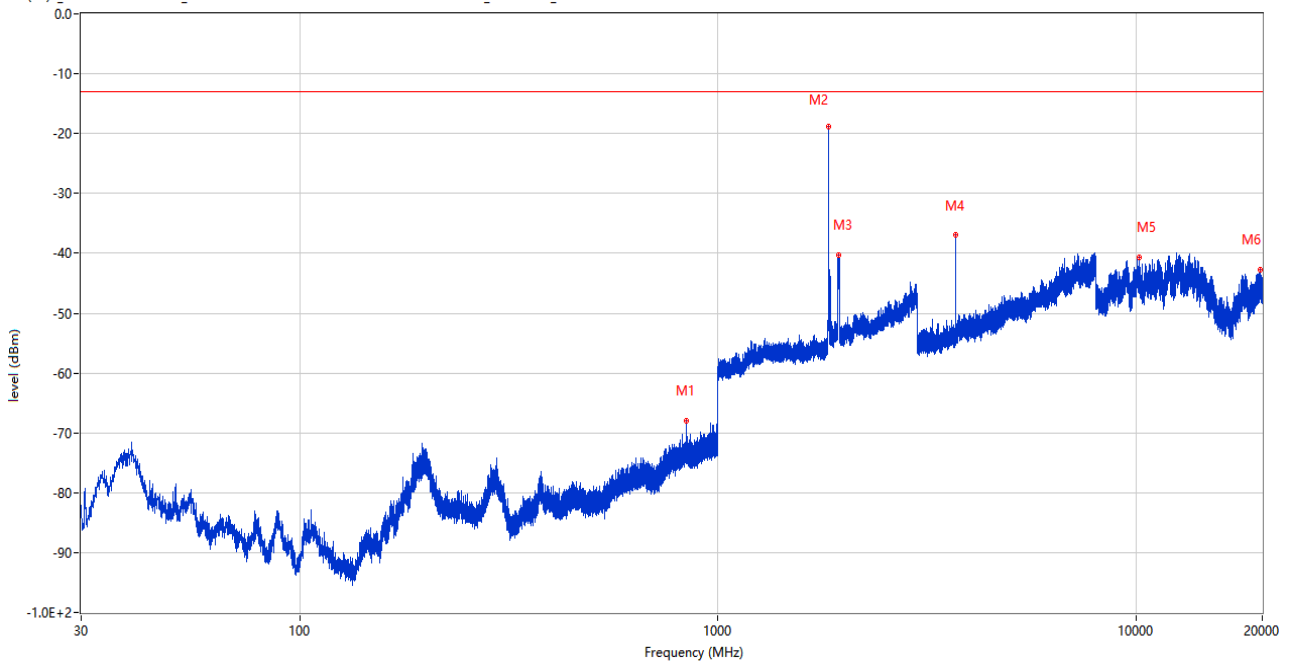
RSE (RF) _FCC PART22&24&27_CDMA BC1 & WCDMA Band 2 & LTE Band 2 & 25 _1830-1920_30MHz-20GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
306.159	-70.71	-14.87	-13.0	57.71	125.00	Horizontal	Vertical	Pass
1834.000	-23.32	-0.15	-13.0	10.32	0.00	Horizontal	Vertical	N/A
1935.000	-30.01	1.54	-13.0	17.01	252.00	Horizontal	Vertical	N/A
3702.750	-36.48	5.52	-13.0	23.48	360.00	Horizontal	Vertical	Pass
12003.063	-40.41	13.95	-13.0	27.41	46.00	Horizontal	Vertical	Pass
17824.274	-43.32	12.05	-13.0	30.32	140.00	Horizontal	Vertical	Pass

Band:LTE B2,BW :20 Channel:LOW range

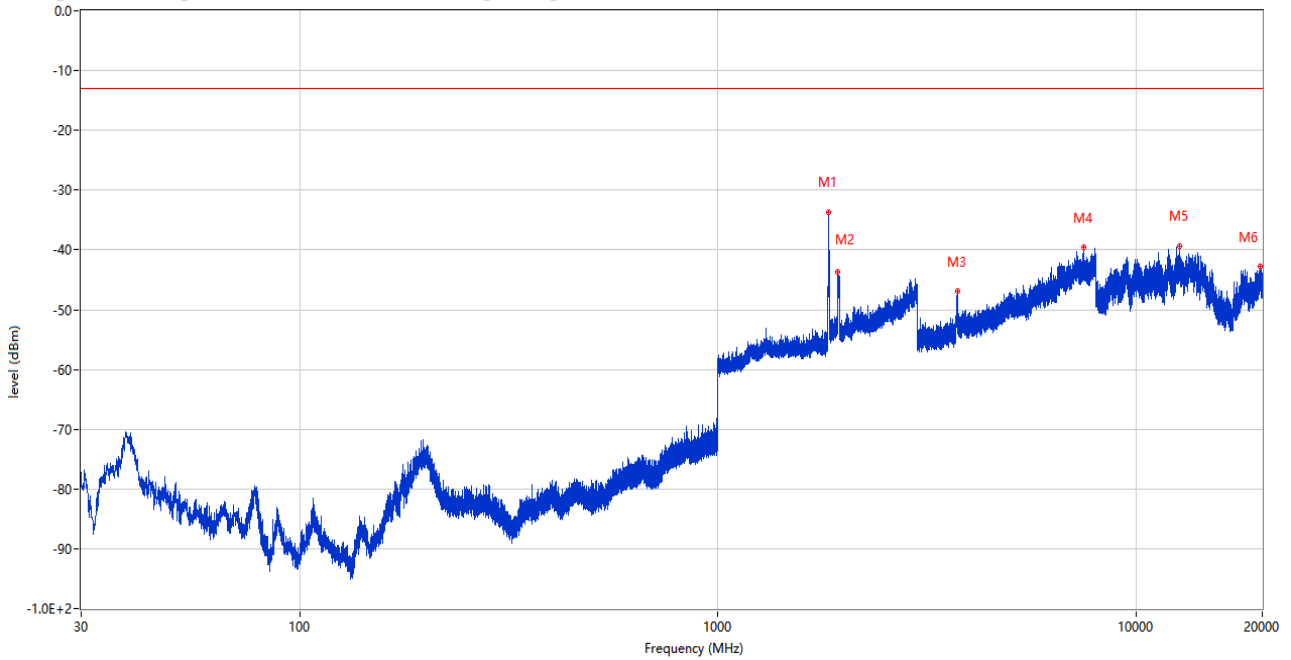
RSE (RF) _FCC PART22&24&27_CDMA BC1 & WCDMA Band 2 & LTE Band 2 & 25 _1830-1920_30MHz-20GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
839.998	-67.97	-0.14	-13.0	54.97	223.00	Vertical	Vertical	Pass
1834.100	-18.77	-0.16	-13.0	5.77	360.00	Vertical	Vertical	N/A
1943.400	-40.23	1.24	-13.0	27.23	194.00	Vertical	Vertical	N/A
3702.750	-37.00	5.52	-13.0	24.00	296.00	Vertical	Vertical	Pass
10159.112	-40.69	12.61	-13.0	27.69	334.00	Vertical	Vertical	Pass
19820.200	-42.76	12.68	-13.0	29.76	360.00	Vertical	Vertical	Pass

Band:LTE B2,BW :20 Channel:LOW range

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

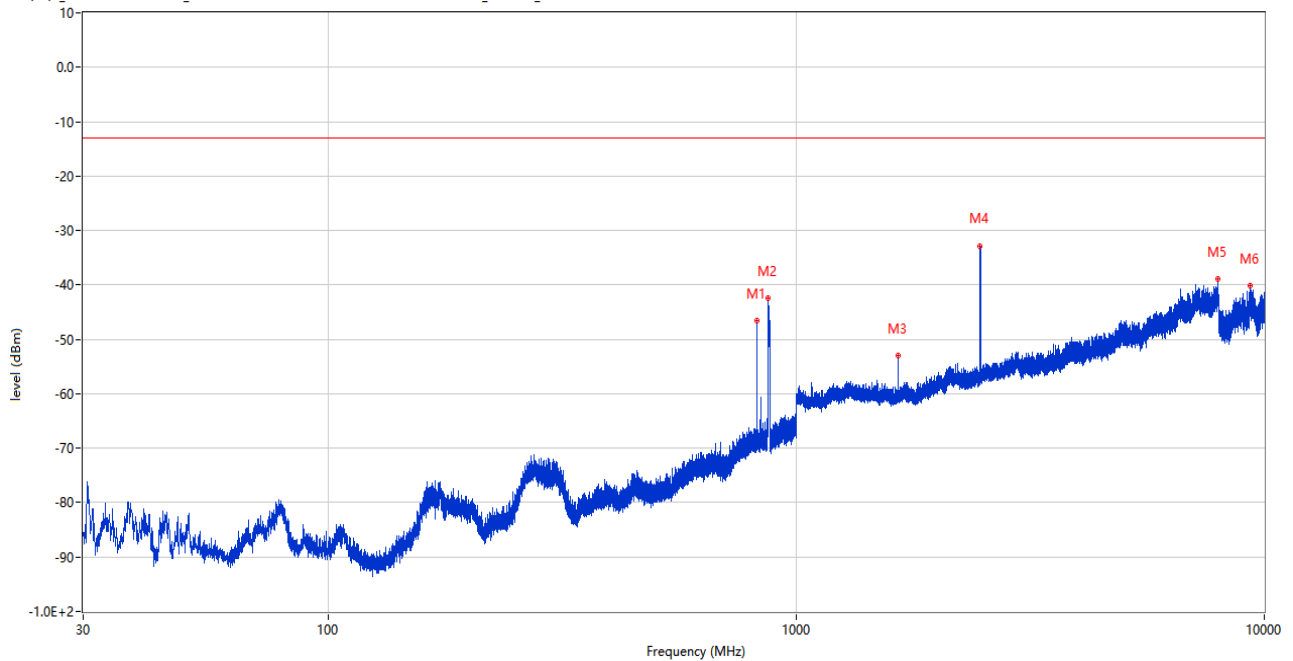


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
1837.100	-33.69	0.69	-13.0	20.69	79.00	Vertical	Horizontal	N/A
1933.400	-43.66	1.82	-13.0	30.66	128.00	Vertical	Horizontal	N/A
3730.500	-46.96	5.37	-13.0	33.96	300.00	Vertical	Horizontal	Pass
7487.500	-39.64	14.05	-13.0	26.64	156.00	Vertical	Horizontal	Pass
12689.912	-39.36	14.72	-13.0	26.36	270.00	Vertical	Horizontal	Pass
19785.761	-42.80	12.67	-13.0	29.80	271.00	Vertical	Horizontal	Pass

1.2 LTE Band 5

Band:LTE B5,BW :10 Channel:LOW range

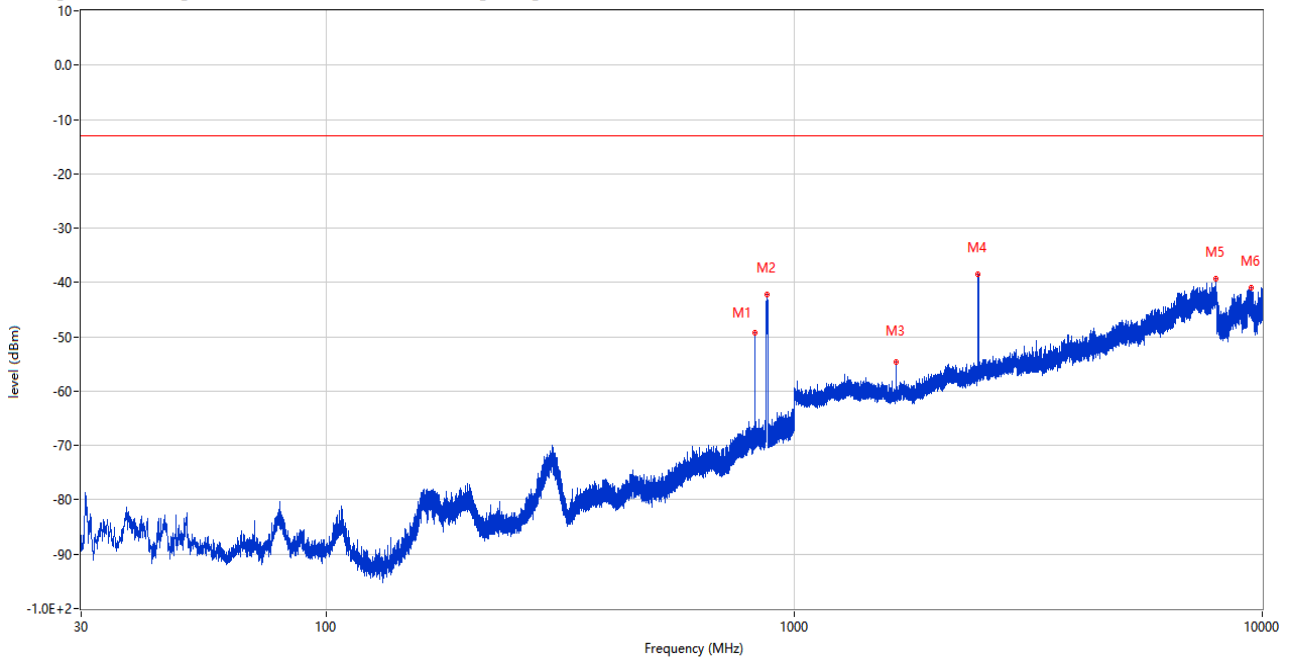
RSE (RF) _FCC PART22&24&27_CDMA BC0 & WCDMA Band5 & LTE Band 5 & 26_814-849_30MHz-10GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
824.575	-46.47	4.43	-13.0	33.47	185.00	Horizontal	Horizontal	N/A
870.263	-42.35	4.30	-13.0	29.35	232.00	Horizontal	Horizontal	N/A
1649.900	-52.95	-5.83	-13.0	39.95	20.00	Horizontal	Horizontal	Pass
2474.500	-32.90	-1.53	-13.0	19.90	193.00	Horizontal	Horizontal	Pass
7965.000	-38.86	15.03	-13.0	25.86	160.00	Horizontal	Horizontal	Pass
9309.500	-40.09	14.33	-13.0	27.09	134.00	Horizontal	Horizontal	Pass

Band:LTE B5,BW :10 Channel:LOW range

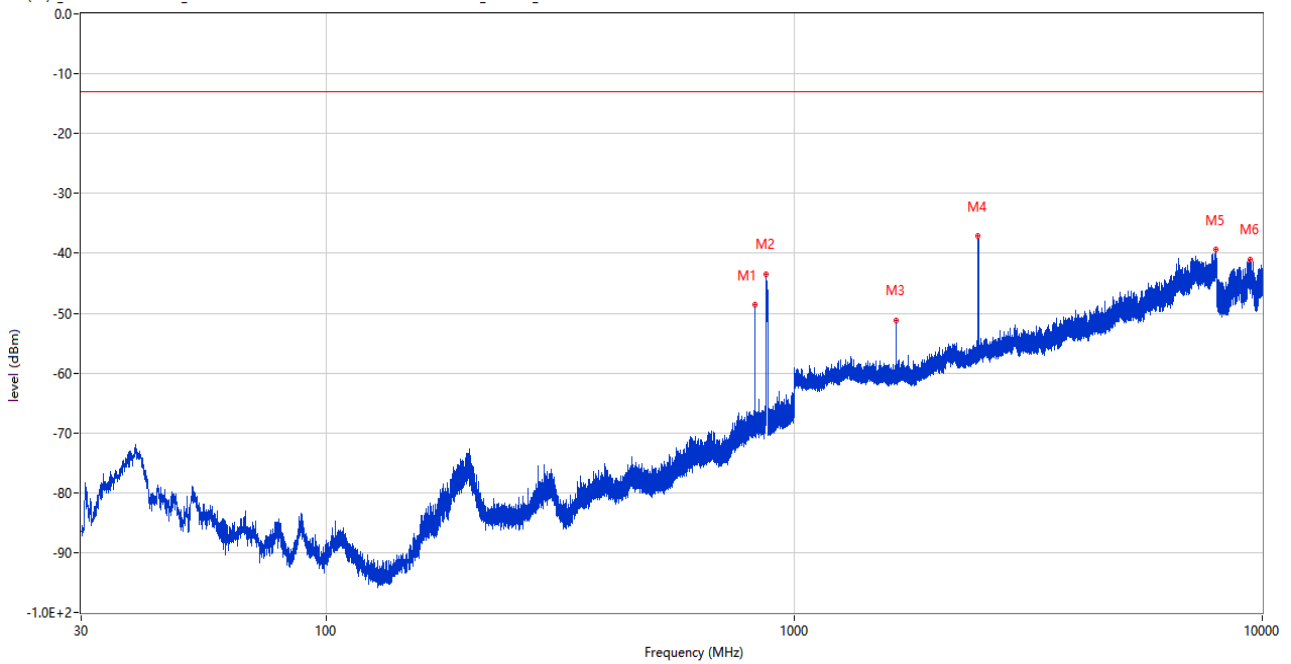
RSE (RF) _FCC PART22&24&27_CDMA BC0 & WCDMA Band5 & LTE Band 5 & 26_814-849_30MHz-10GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
824.575	-49.23	4.43	-13.0	36.23	142.00	Horizontal	Vertical	N/A
873.463	-42.20	4.11	-13.0	29.20	237.00	Horizontal	Vertical	N/A
1650.000	-54.58	-5.83	-13.0	41.58	137.00	Horizontal	Vertical	Pass
2474.500	-38.49	-1.53	-13.0	25.49	103.00	Horizontal	Vertical	Pass
7961.250	-39.28	14.97	-13.0	26.28	330.00	Horizontal	Vertical	Pass
9463.700	-40.91	13.49	-13.0	27.91	184.00	Horizontal	Vertical	Pass

Band:LTE B5,BW :10 Channel:LOW range

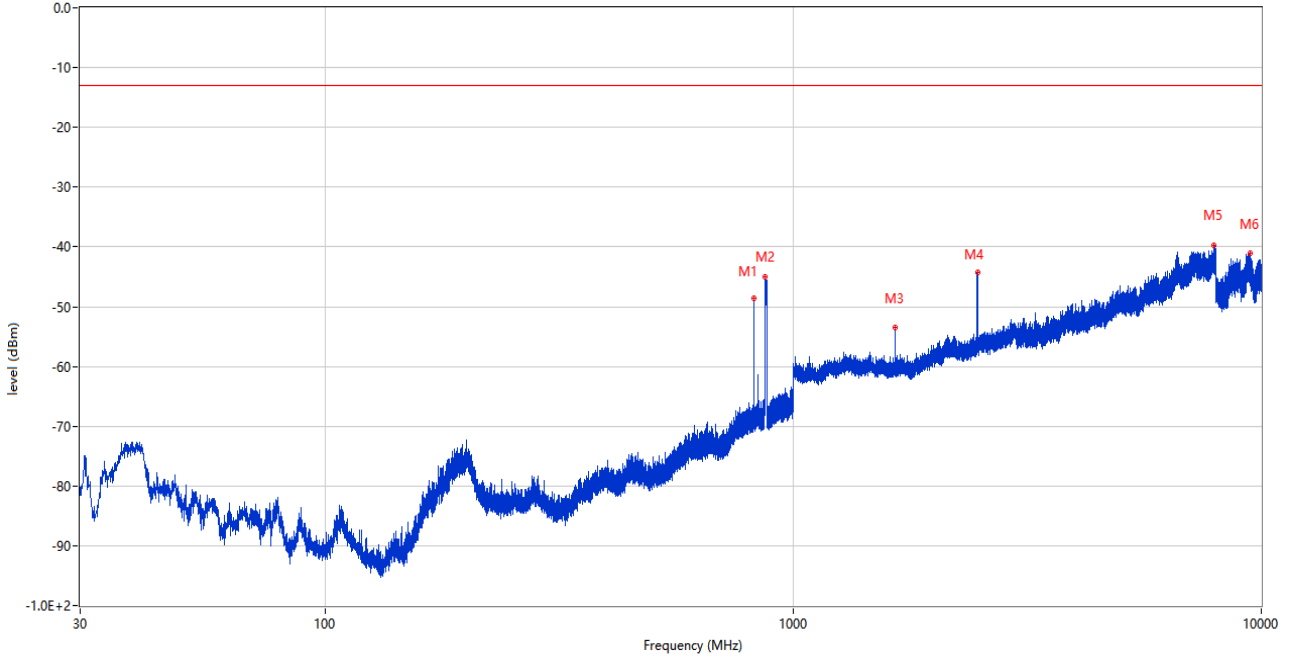
RSE (RF) _FCC PART22&24&27_CDMA BC0 & WCDMA Band5 & LTE Band 5 & 26_814-849_30MHz-10GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
824.624	-48.66	4.43	-13.0	35.66	72.00	Vertical	Vertical	N/A
872.202	-43.44	4.28	-13.0	30.44	120.00	Vertical	Vertical	N/A
1650.000	-51.21	-5.83	-13.0	38.21	0.00	Vertical	Vertical	Pass
2474.500	-37.15	-1.53	-13.0	24.15	219.00	Vertical	Vertical	Pass
7947.500	-39.39	15.12	-13.0	26.39	156.00	Vertical	Vertical	Pass
9435.500	-41.00	13.66	-13.0	28.00	276.00	Vertical	Vertical	Pass

Band:LTE B5,BW :10 Channel:LOW range

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

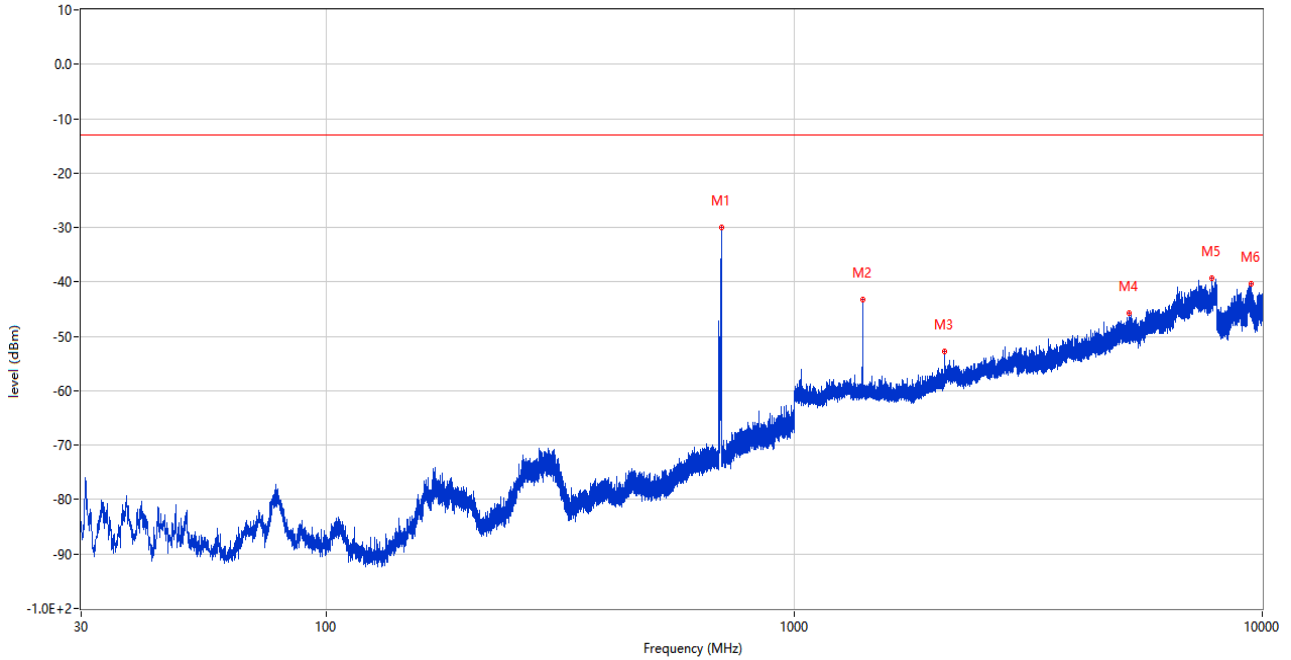


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
824.624	-48.53	4.43	-13.0	35.53	314.00	Vertical	Horizontal	N/A
871.135	-44.97	4.33	-13.0	31.97	161.00	Vertical	Horizontal	N/A
1650.200	-53.57	-5.82	-13.0	40.57	247.00	Vertical	Horizontal	Pass
2474.700	-44.29	-1.53	-13.0	31.29	83.00	Vertical	Horizontal	Pass
7935.500	-39.67	14.83	-13.0	26.67	152.00	Vertical	Horizontal	Pass
9456.900	-41.11	13.63	-13.0	28.11	274.00	Vertical	Horizontal	Pass

1.3 LTE Band 12

Band:LTE B12,BW :10 Channel:LOW range

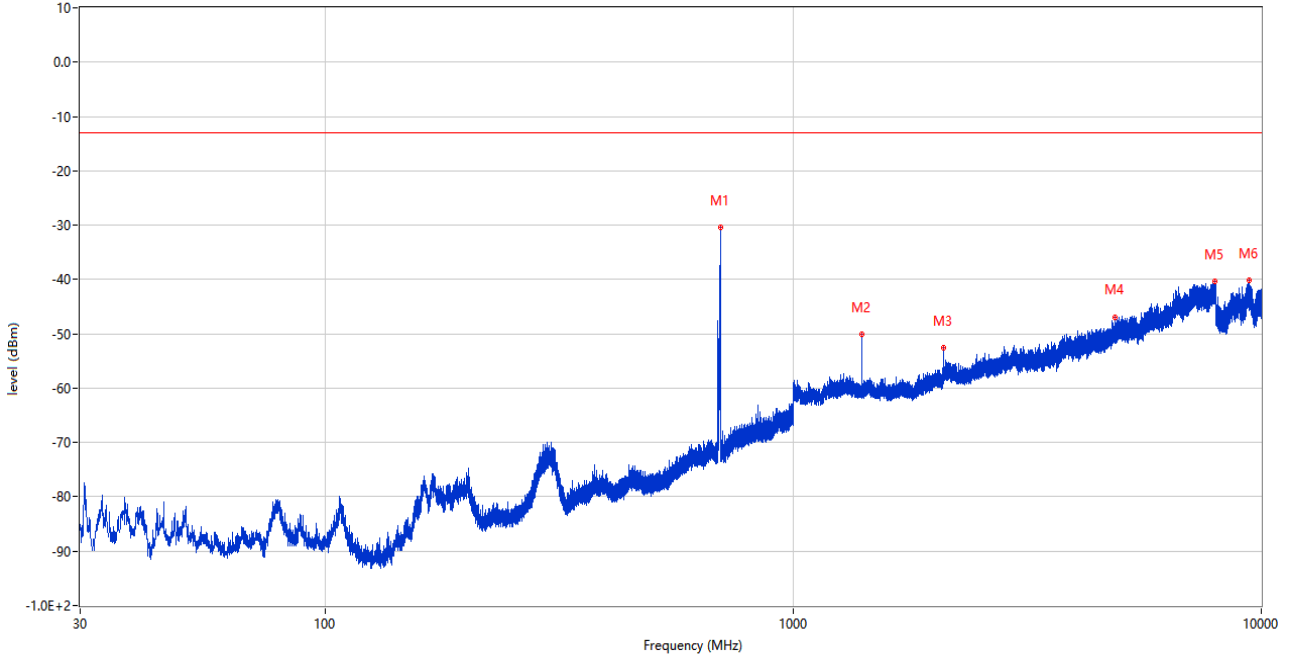
RSE (RF) _FCC PART22&24&27_LTE B12 & B17 & B28 _699-748_30MHz-10GHz_



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
699.542	-29.98	1.05	-13.0	16.98	146.00	Horizontal	Horizontal	N/A
1400.000	-43.28	-5.36	-13.0	30.28	137.00	Horizontal	Horizontal	Pass
2099.800	-52.85	-2.48	-13.0	39.85	0.00	Horizontal	Horizontal	Pass
5184.500	-45.79	8.44	-13.0	32.79	230.00	Horizontal	Horizontal	Pass
7812.250	-39.36	15.31	-13.0	26.36	248.00	Horizontal	Horizontal	Pass
9456.000	-40.41	13.65	-13.0	27.41	225.00	Horizontal	Horizontal	Pass

Band:LTE B12,BW :10 Channel:LOW range

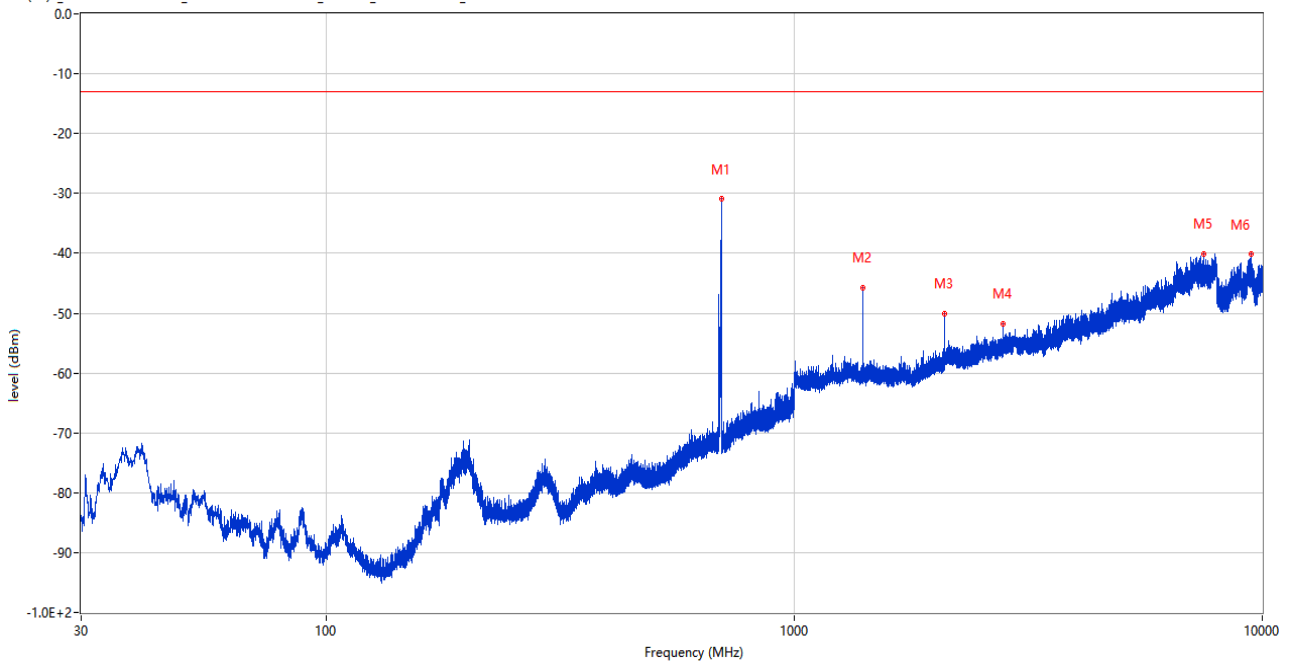
RSE (RF) _FCC PART22&24&27_LTE B12 & B17 & B28 _699-748_30MHz-10GHz_



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
699.542	-30.43	1.05	-13.0	17.43	65.00	Horizontal	Vertical	N/A
1400.100	-50.04	-5.35	-13.0	37.04	130.00	Horizontal	Vertical	Pass
2099.600	-52.65	-2.48	-13.0	39.65	346.00	Horizontal	Vertical	Pass
4866.750	-46.87	7.78	-13.0	33.87	0.00	Horizontal	Vertical	Pass
7967.500	-40.35	15.26	-13.0	27.35	77.00	Horizontal	Vertical	Pass
9438.099	-40.11	13.68	-13.0	27.11	105.00	Horizontal	Vertical	Pass

Band:LTE B12,BW :10 Channel:LOW range

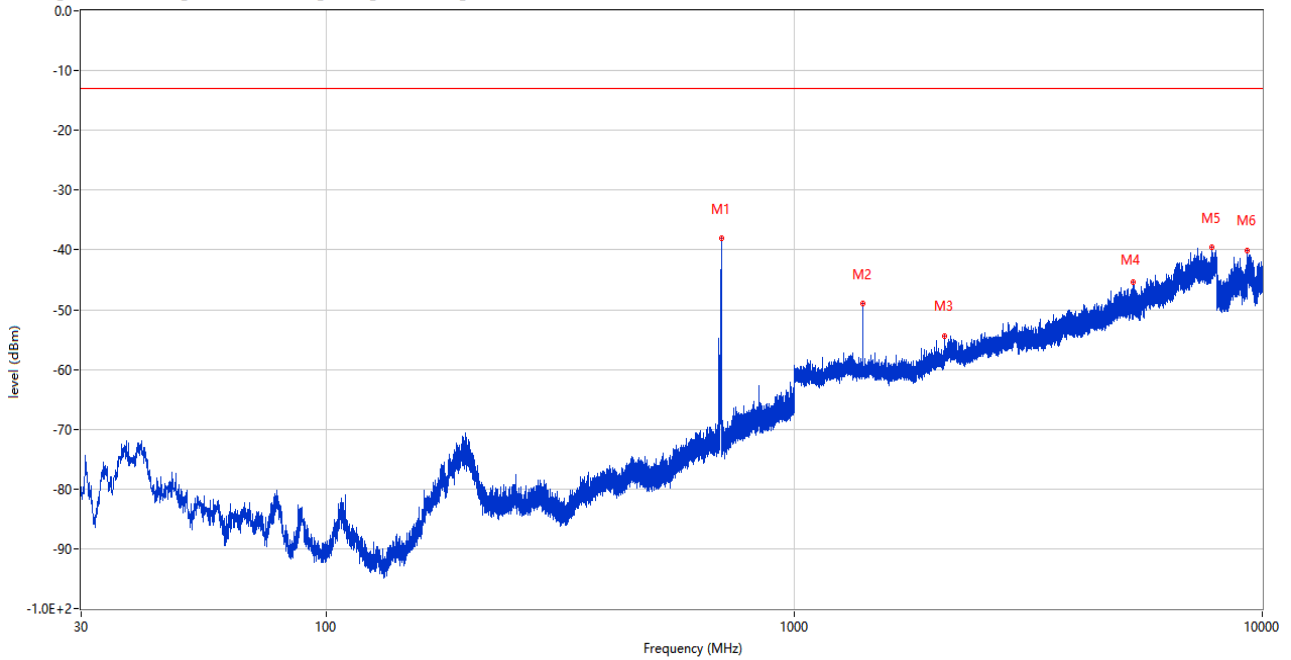
RSE (RF) _FCC PART22&24&27_LTE B12 & B17 & B28 _699-748_30MHz-10GHz_



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
699.542	-30.94	1.05	-13.0	17.94	143.00	Vertical	Vertical	N/A
1400.000	-45.75	-5.36	-13.0	32.75	215.00	Vertical	Vertical	Pass
2099.400	-50.01	-2.49	-13.0	37.01	23.00	Vertical	Vertical	Pass
2799.000	-51.84	0.98	-13.0	38.84	241.00	Vertical	Vertical	Pass
7486.000	-40.11	14.10	-13.0	27.11	103.00	Vertical	Vertical	Pass
9447.700	-40.19	13.76	-13.0	27.19	160.00	Vertical	Vertical	Pass

Band:LTE B12,BW :10 Channel:LOW range

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

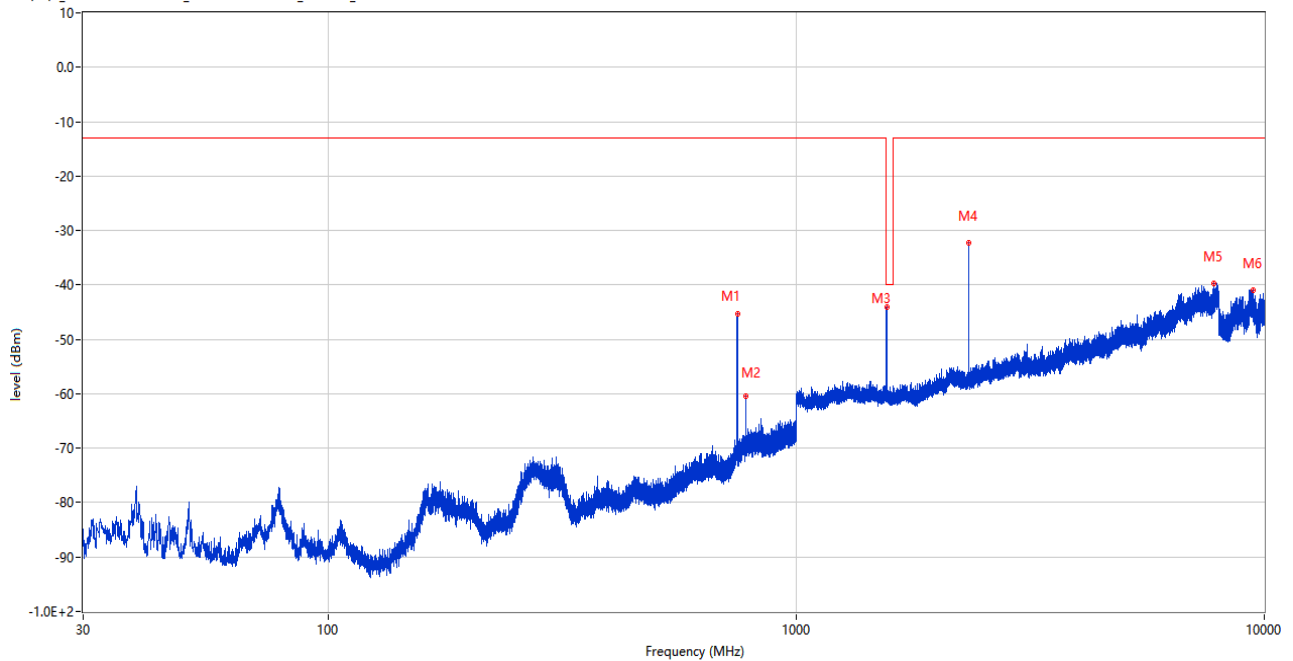


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
699.591	-38.05	1.04	-13.0	25.05	218.00	Vertical	Horizontal	N/A
1399.900	-49.04	-5.37	-13.0	36.04	46.00	Vertical	Horizontal	Pass
2099.700	-54.42	-2.48	-13.0	41.42	264.00	Vertical	Horizontal	Pass
5304.750	-45.34	8.22	-13.0	32.34	79.00	Vertical	Horizontal	Pass
7812.250	-39.56	15.31	-13.0	26.56	115.00	Vertical	Horizontal	Pass
9296.800	-40.06	14.34	-13.0	27.06	138.00	Vertical	Horizontal	Pass

1.4 LTE Band 13

Band:LTE B13,BW :5 Channel:LOW range

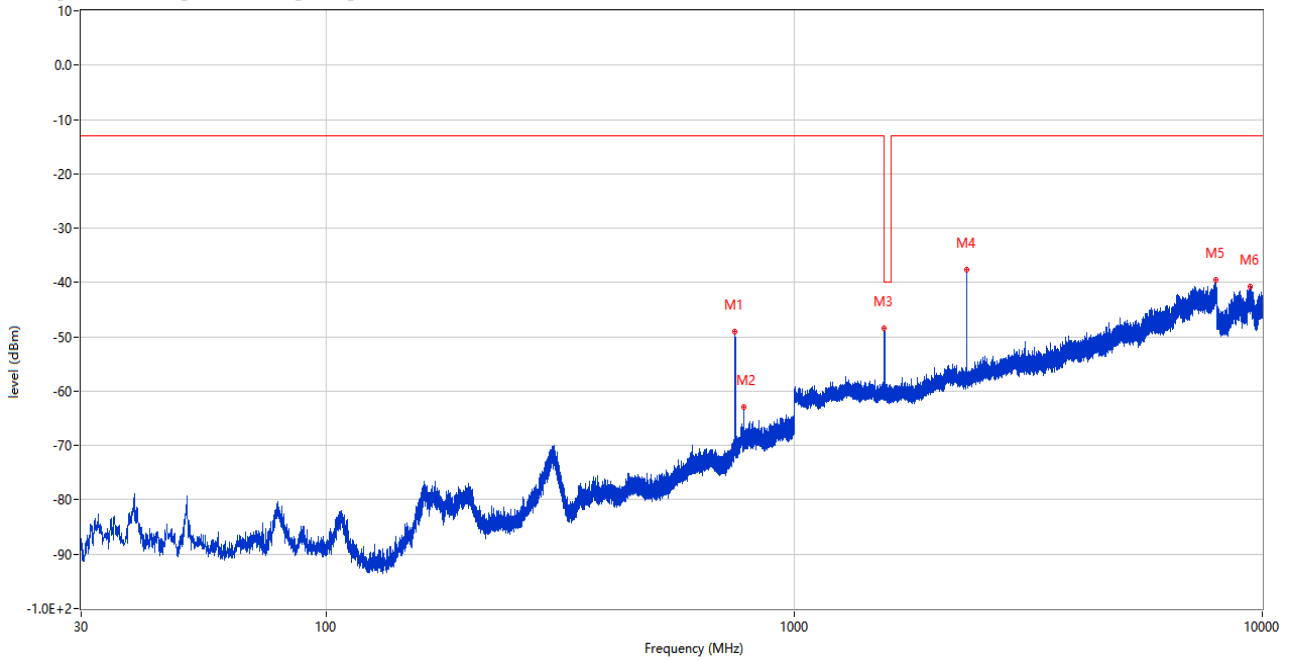
RSE (RF) _FCC PART2&24&27_LTE Band 13 & 14 _777-803_30MHz-10GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
749.692	-45.26	1.27	-13.0	32.26	68.00	Horizontal	Horizontal	N/A
779.616	-60.50	3.45	-13.0	47.50	313.00	Horizontal	Horizontal	N/A
1560.200	-44.01	-5.51	-40.0	4.01	26.00	Horizontal	Horizontal	Pass
2339.700	-32.32	-1.99	-13.0	19.32	20.00	Horizontal	Horizontal	Pass
7809.250	-39.69	15.13	-13.0	26.69	42.00	Horizontal	Horizontal	Pass
9450.000	-40.98	13.78	-13.0	27.98	16.00	Horizontal	Horizontal	Pass

Band:LTE B13,BW :5 Channel:LOW range

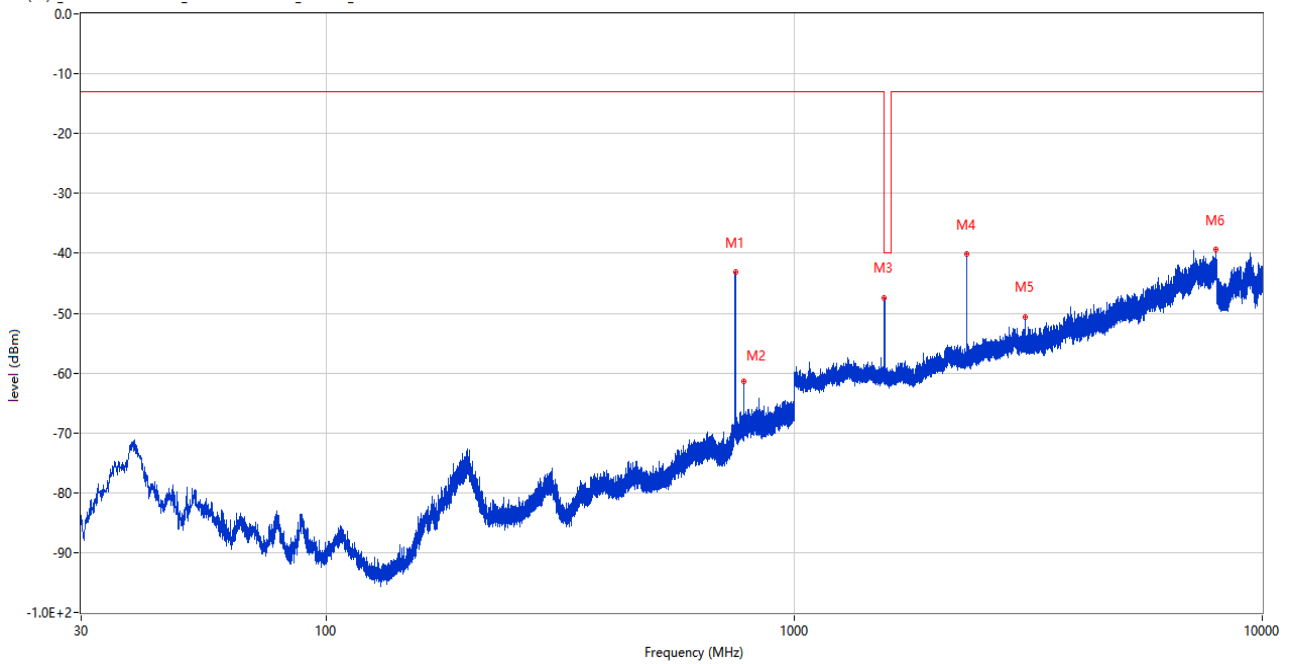
RSE (RF) _FCC PART22&24&27_LTE Band 13 & 14 _777-803_30MHz-10GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
747.994	-49.12	1.17	-13.0	36.12	145.00	Horizontal	Vertical	N/A
779.665	-62.98	3.46	-13.0	49.98	276.00	Horizontal	Vertical	N/A
1560.000	-48.52	-5.52	-40.0	8.52	142.00	Horizontal	Vertical	Pass
2339.800	-37.71	-2.00	-13.0	24.71	103.00	Horizontal	Vertical	Pass
7948.500	-39.57	15.09	-13.0	26.57	205.00	Horizontal	Vertical	Pass
9443.401	-40.77	13.73	-13.0	27.77	164.00	Horizontal	Vertical	Pass

Band:LTE B13,BW :5 Channel:LOW range

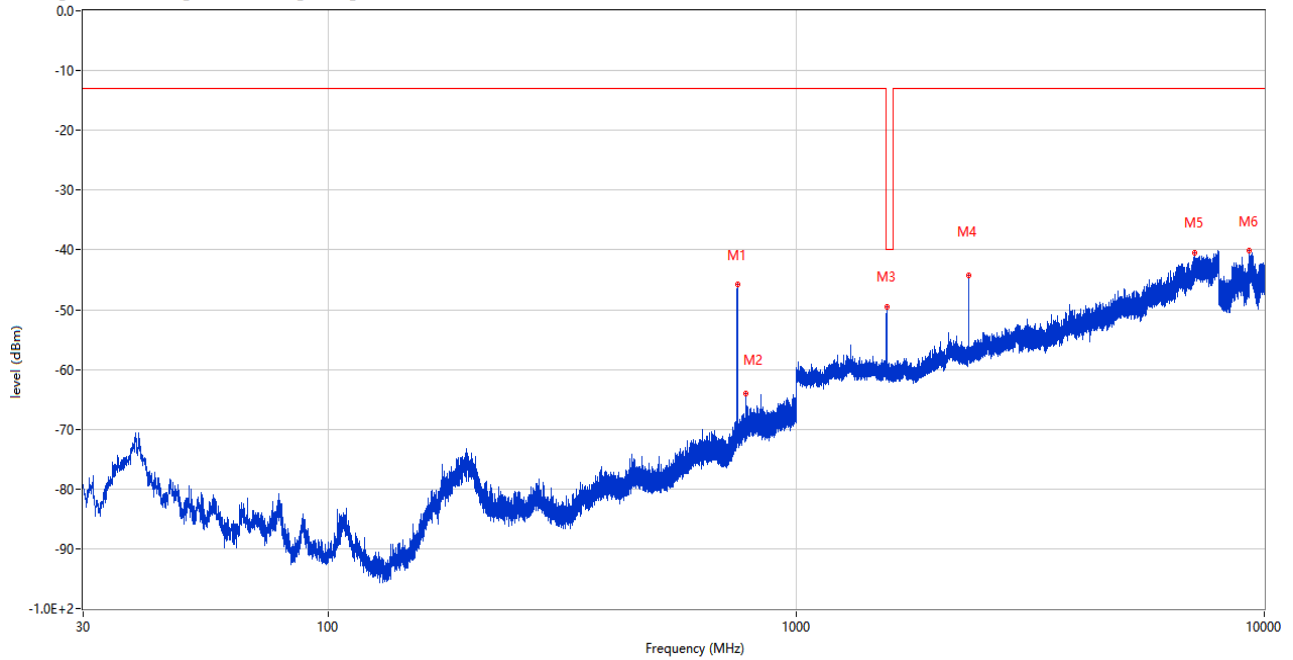
RSE (RF) _FCC PART22&24&27_LTE Band 13 & 14 _777-803_30MHz-10GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
750.080	-43.18	1.25	-13.0	30.18	6.00	Vertical	Vertical	N/A
779.665	-61.44	3.46	-13.0	48.44	68.00	Vertical	Vertical	N/A
1560.100	-47.41	-5.51	-40.0	7.41	32.00	Vertical	Vertical	Pass
2339.900	-40.15	-2.00	-13.0	27.15	13.00	Vertical	Vertical	Pass
3119.000	-50.67	4.22	-13.0	37.67	46.00	Vertical	Vertical	Pass
7963.250	-39.45	15.05	-13.0	26.45	173.00	Vertical	Vertical	Pass

Band:LTE B13,BW :5 Channel:LOW range

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

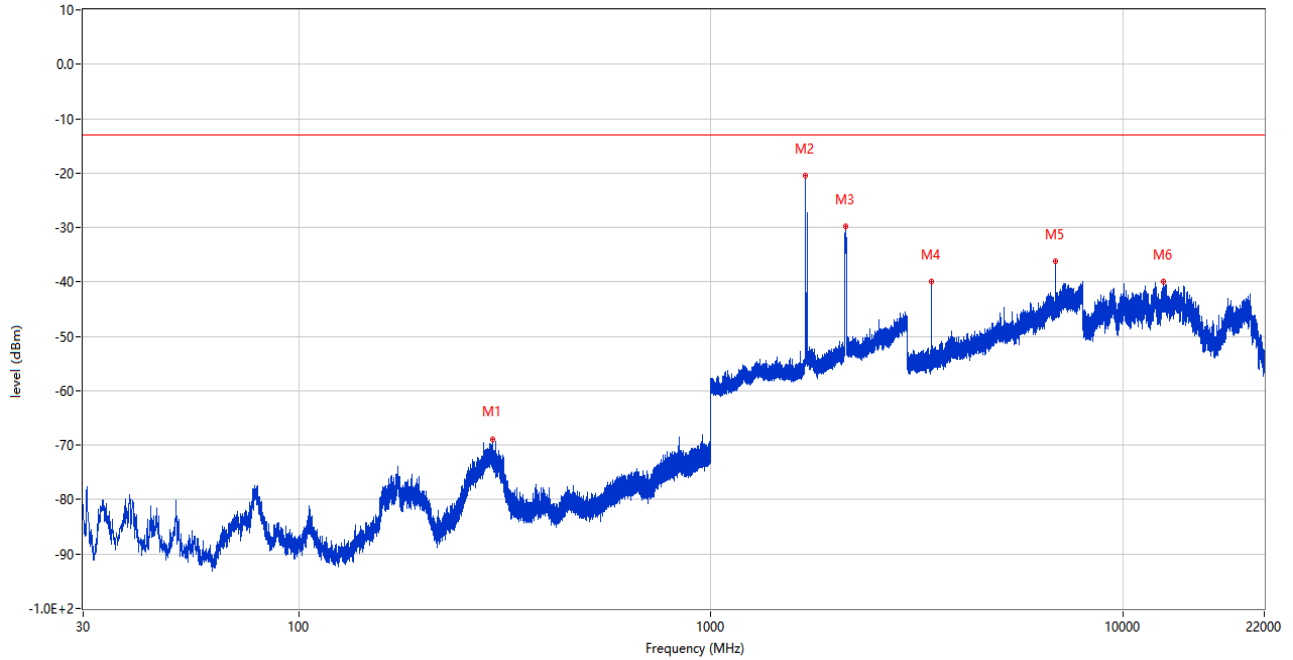


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
750.419	-45.84	1.22	-13.0	32.84	15.00	Vertical	Horizontal	N/A
779.713	-64.12	3.46	-13.0	51.12	306.00	Vertical	Horizontal	N/A
1560.500	-49.46	-5.50	-40.0	9.46	93.00	Vertical	Horizontal	Pass
2339.900	-44.24	-2.00	-13.0	31.24	31.00	Vertical	Horizontal	Pass
7112.750	-40.42	13.77	-13.0	27.42	76.00	Vertical	Horizontal	Pass
9292.100	-40.14	14.21	-13.0	27.14	89.00	Vertical	Horizontal	Pass

1.5 LTE Band 66

Band:LTE B66,BW :20 Channel:LOW range

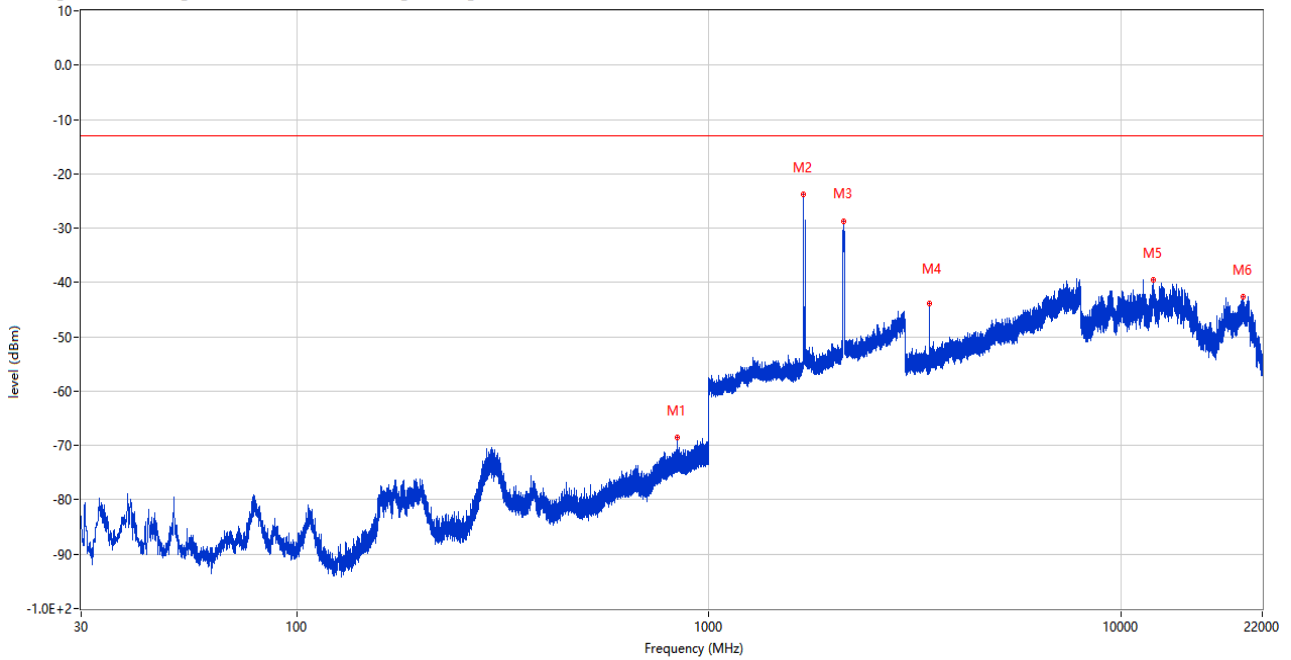
RSE (RF) _FCC PART22&24&27_WCDMA Band 4 & LTE Band 4 & 66 _1710-1785_30MHz-20GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
296.071	-68.84	-13.83	-13.0	55.84	119.00	Horizontal	Horizontal	Pass
1693.900	-20.54	-0.00	-13.0	7.54	143.00	Horizontal	Horizontal	N/A
2126.800	-29.77	2.93	-13.0	16.77	194.00	Horizontal	Horizontal	N/A
3422.500	-39.99	3.82	-13.0	26.99	90.00	Horizontal	Horizontal	Pass
6845.000	-36.13	12.31	-13.0	23.13	295.00	Horizontal	Horizontal	Pass
12492.787	-39.95	14.52	-13.0	26.95	67.00	Horizontal	Horizontal	Pass

Band:LTE B66,BW :20 Channel:LOW range

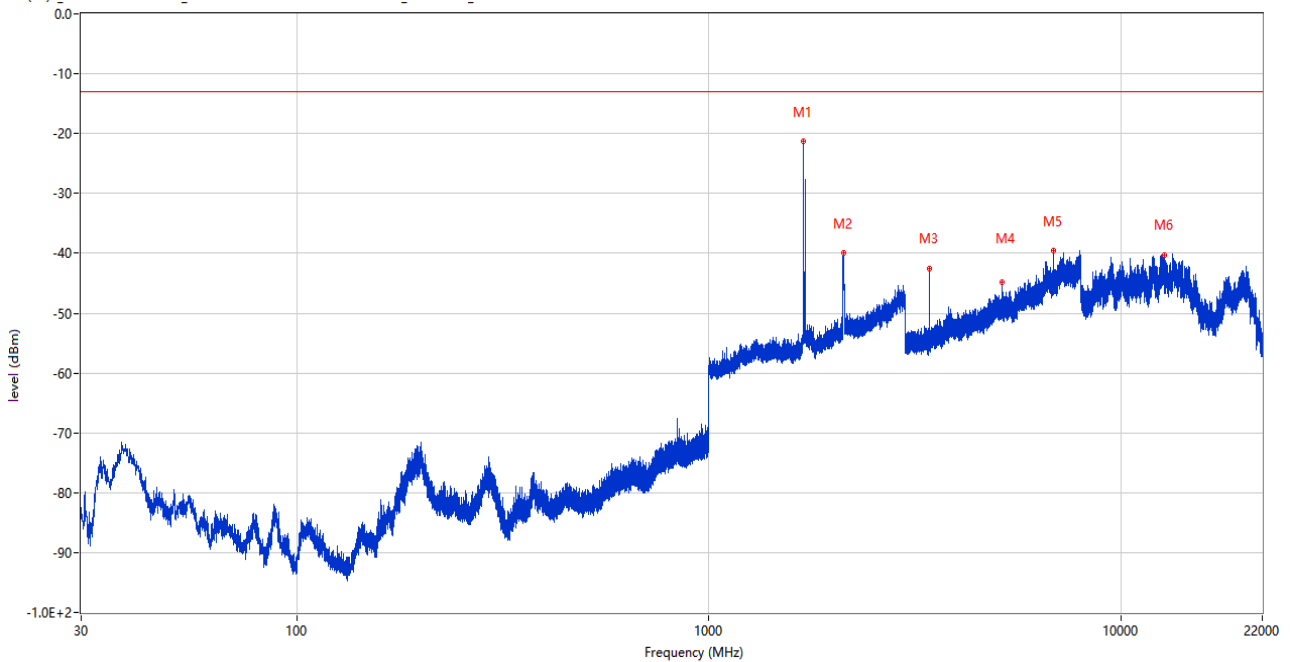
RSE (RF) _FCC PART22&24&27_WCDMA Band 4 & LTE Band 4 & 66_1710-1785_30MHz-20GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
839.950	-68.47	-0.14	-13.0	55.47	85.00	Horizontal	Vertical	Pass
1694.300	-23.82	0.05	-13.0	10.82	254.00	Horizontal	Vertical	N/A
2121.600	-28.65	2.60	-13.0	15.65	245.00	Horizontal	Vertical	N/A
3422.750	-43.95	3.81	-13.0	30.95	333.00	Horizontal	Vertical	Pass
11952.713	-39.57	14.04	-13.0	26.57	285.00	Horizontal	Vertical	Pass
19773.526	-42.62	12.67	-13.0	29.62	349.00	Horizontal	Vertical	Pass

Band:LTE B66,BW :20 Channel:LOW range

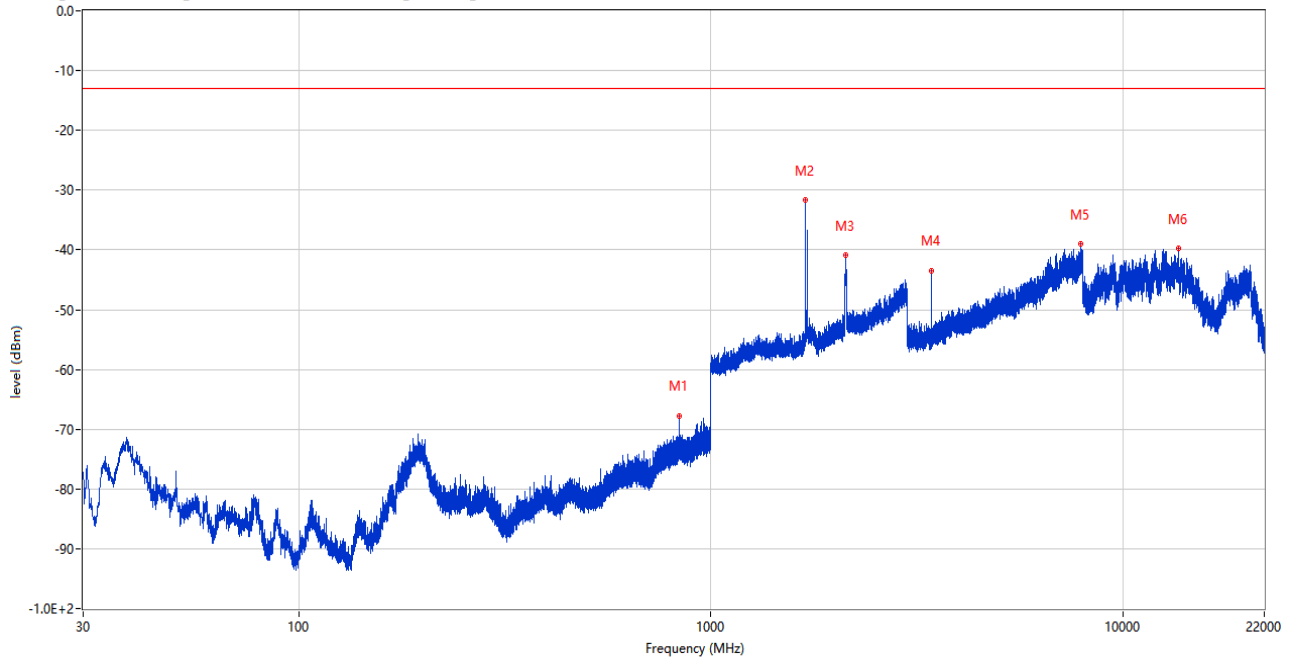
RSE (RF) _FCC PART22&24&27_WCDMA Band 4 & LTE Band 4 & 66 _1710-1785_30MHz-20GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
1694.200	-21.34	0.01	-13.0	8.34	341.00	Vertical	Vertical	N/A
2118.200	-39.99	2.87	-13.0	26.99	320.00	Vertical	Vertical	N/A
3422.750	-42.56	3.81	-13.0	29.56	121.00	Vertical	Vertical	Pass
5133.750	-44.89	9.03	-13.0	31.89	5.00	Vertical	Vertical	Pass
6844.750	-39.59	12.29	-13.0	26.59	71.00	Vertical	Vertical	Pass
12707.724	-40.26	14.86	-13.0	27.26	296.00	Vertical	Vertical	Pass

Band:LTE B66,BW :20 Channel:LOW range

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
839.998	-67.81	-0.14	-13.0	54.81	363.00	Vertical	Horizontal	Pass
1694.100	-31.66	-0.01	-13.0	18.66	210.00	Vertical	Horizontal	N/A
2119.200	-40.92	2.94	-13.0	27.92	109.00	Vertical	Horizontal	N/A
3422.750	-43.45	3.81	-13.0	30.45	167.00	Vertical	Horizontal	Pass
7905.250	-39.06	14.61	-13.0	26.06	236.00	Vertical	Horizontal	Pass
13615.337	-39.70	16.12	-13.0	26.70	0.00	Vertical	Horizontal	Pass

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