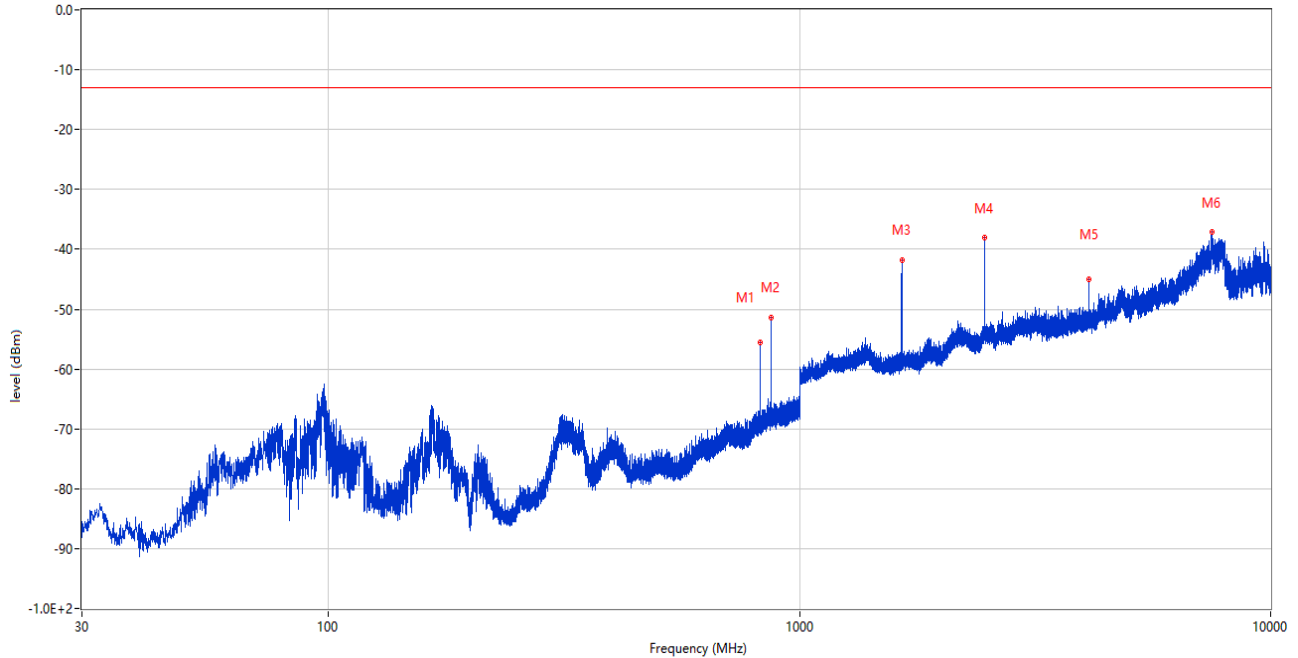

A.7 Field Strength of Spurious Radiation

1. GSM

1.1 GSM 850

Band:GSM850,Channel:Low range

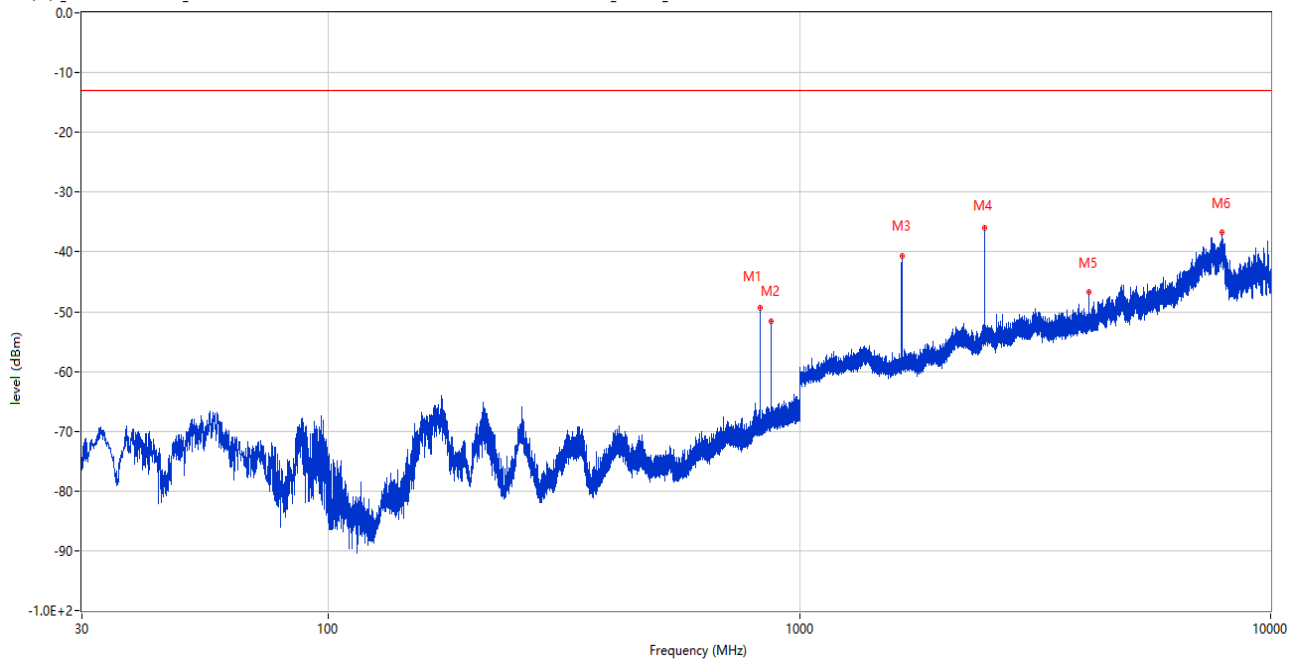
RSE (RF) _FCC PART228&24&27_GSM 850 & CDMA BC0 & WCDMA Band5 & LTE Band 5 & 26 & 18 & 19 _814-849_30MHz-10GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
824.139	-55.57	1.95	-13.0	42.57	16.00	Horizontal	Vertical	N/A
869.244	-51.35	2.10	-13.0	38.35	281.00	Horizontal	Vertical	N/A
1648.800	-41.81	-5.54	-13.0	28.81	157.00	Horizontal	Vertical	Pass
2472.700	-38.12	0.24	-13.0	25.12	219.00	Horizontal	Vertical	Pass
4121.000	-45.01	5.93	-13.0	32.01	199.00	Horizontal	Vertical	Pass
7501.250	-37.11	16.39	-13.0	24.11	288.00	Horizontal	Vertical	Pass

Band:GSM850,Channel:Low range

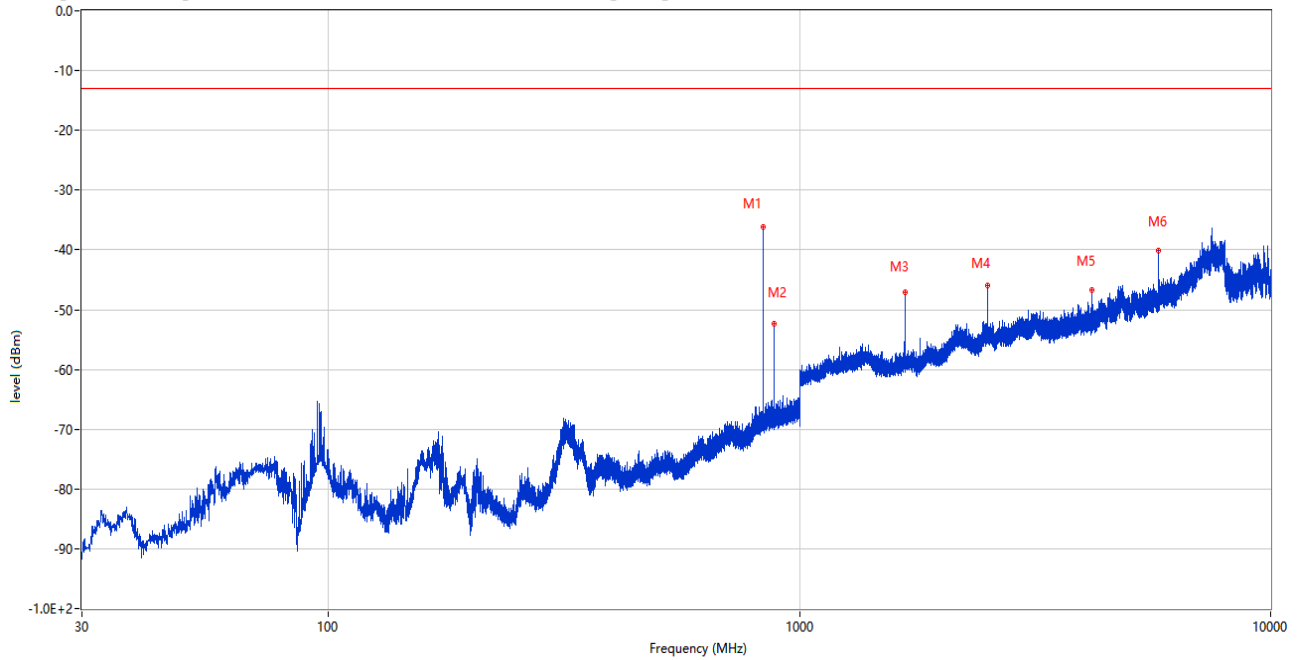
RSE (RF) _FCC PART22&24&27_GSM 850 & CDMA BCO & WCDMA Band5 & LTE Band 5 & 26 & 18 & 19 _814-849_30MHz-10GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
824.139	-49.34	1.95	-13.0	36.34	350.00	Vertical	Vertical	N/A
869.244	-51.61	2.10	-13.0	38.61	136.00	Vertical	Vertical	N/A
1648.500	-40.61	-5.54	-13.0	27.61	52.00	Vertical	Vertical	Pass
2472.800	-35.88	0.24	-13.0	22.88	183.00	Vertical	Vertical	Pass
4120.750	-46.79	5.93	-13.0	33.79	243.00	Vertical	Vertical	Pass
7875.750	-36.81	17.12	-13.0	23.81	214.00	Vertical	Vertical	Pass

Band:GSM850,Channel:MID range

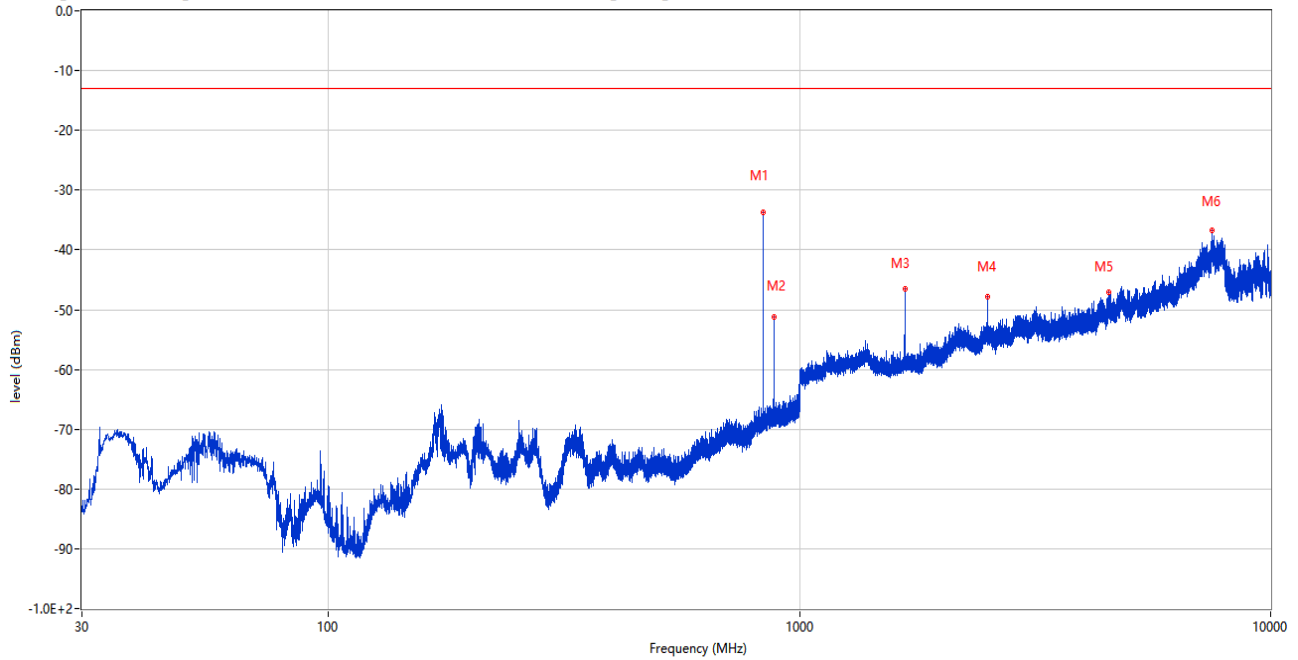
RSE (RF) _FCC PART22&24&27_GSM 850 & CDMA BCO & WCDMA Band5 & LTE Band 5 & 26 & 18 & 19 _814-849_30MHz-10GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
836.652	-36.20	2.21	-13.0	23.20	348.00	Horizontal	Vertical	N/A
881.612	-52.33	2.45	-13.0	39.33	248.00	Horizontal	Vertical	N/A
1673.600	-47.09	-5.08	-13.0	34.09	96.00	Horizontal	Vertical	Pass
2510.000	-45.88	0.41	-13.0	32.88	83.00	Horizontal	Vertical	Pass
4183.500	-46.65	5.62	-13.0	33.65	208.00	Horizontal	Vertical	Pass
5790.500	-40.20	8.26	-13.0	27.20	198.00	Horizontal	Vertical	Pass

Band:GSM850,Channel:MID range

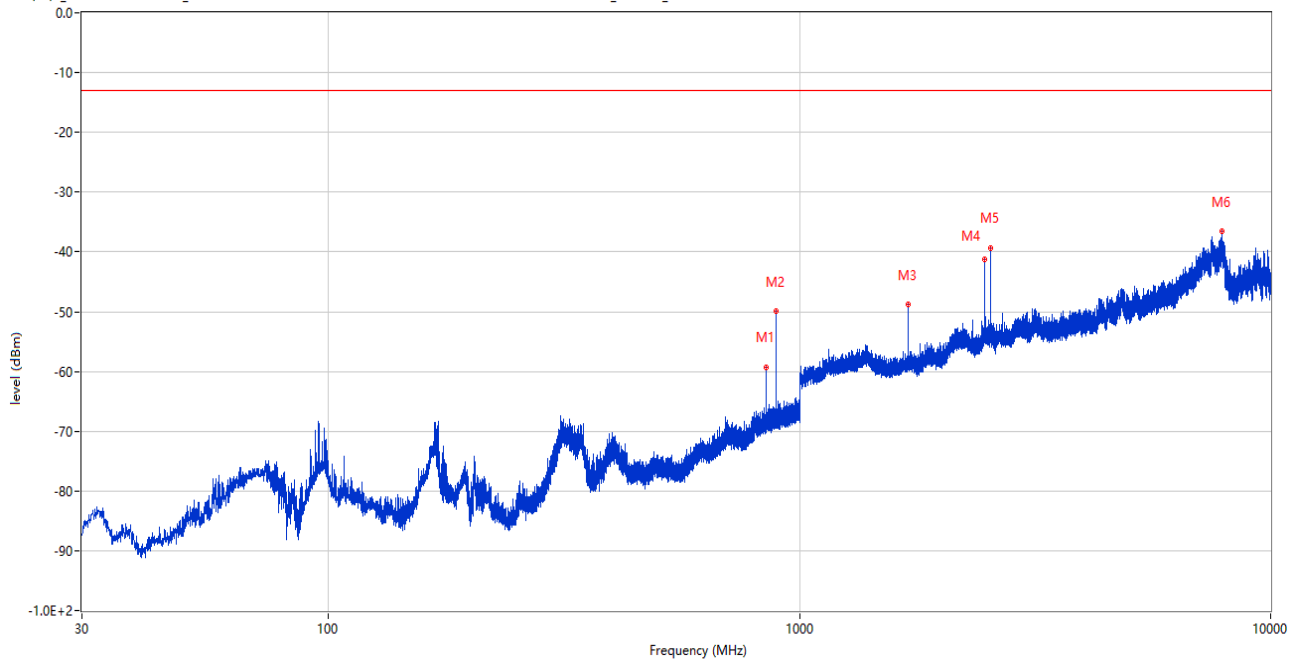
RSE (RF) _FCC PART22&24&27_GSM 850 & CDMA BCO & WCDMA Band5 & LTE Band 5 & 26 & 18 & 19 _814-849_30MHz-10GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
836.652	-33.63	2.21	-13.0	20.63	179.00	Vertical	Vertical	N/A
881.660	-51.23	2.45	-13.0	38.23	165.00	Vertical	Vertical	N/A
1673.300	-46.48	-5.08	-13.0	33.48	286.00	Vertical	Vertical	Pass
2510.000	-47.78	0.41	-13.0	34.78	152.00	Vertical	Vertical	Pass
4523.500	-47.11	7.54	-13.0	34.11	183.00	Vertical	Vertical	Pass
7501.500	-36.78	16.37	-13.0	23.78	358.00	Vertical	Vertical	Pass

Band:GSM850,Channel:HIGH range

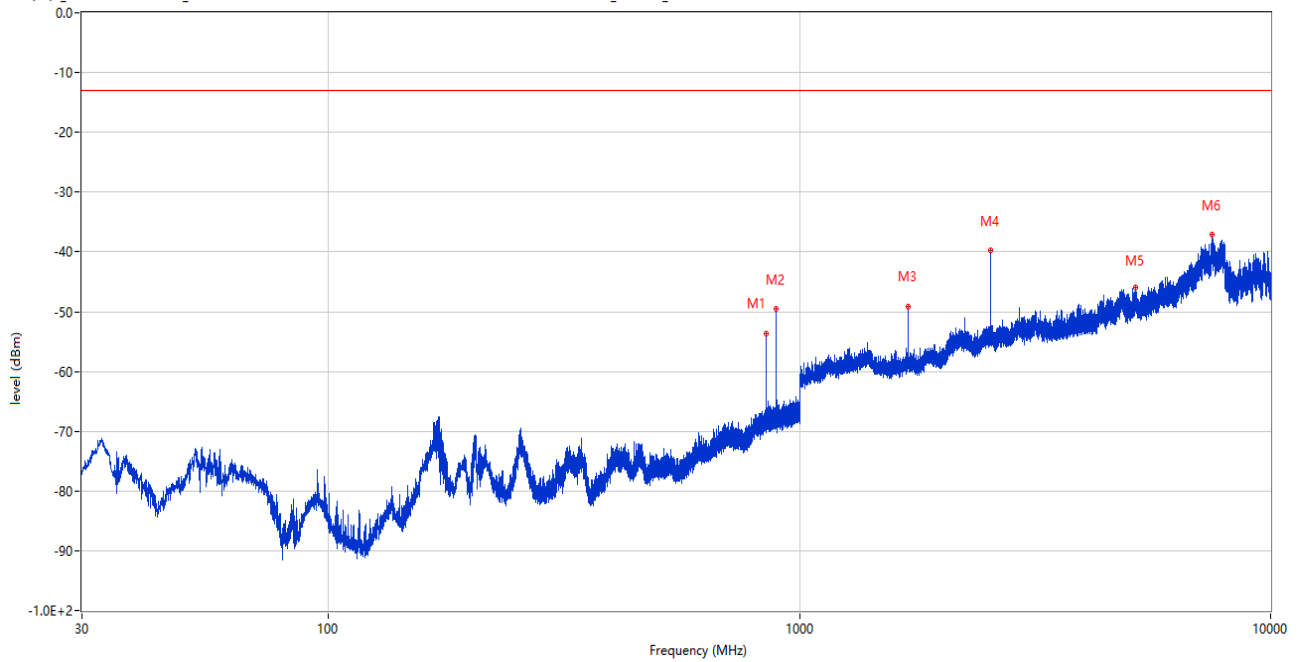
RSE (RF) _FCC PART22&24&27_GSM 850 & CDMA BCO & WCDMA Band5 & LTE Band 5 & 26 & 18 & 19 _814-849_30MHz-10GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
848.729	-59.32	2.40	-13.0	46.32	294.00	Horizontal	Vertical	N/A
893.785	-49.92	2.31	-13.0	36.92	241.00	Horizontal	Vertical	N/A
1697.900	-48.84	-5.37	-13.0	35.84	92.00	Horizontal	Vertical	Pass
2471.100	-41.26	0.11	-13.0	28.26	262.00	Horizontal	Vertical	Pass
2546.700	-39.29	0.48	-13.0	26.29	0.00	Horizontal	Vertical	Pass
7870.750	-36.60	17.06	-13.0	23.60	335.00	Horizontal	Vertical	Pass

Band:GSM850,Channel:HIGH range

RSE (RF) _ FCC PART22&24&27_GSM 850 & CDMA BCO & WCDMA Band5 & LTE Band 5 & 26 & 18 & 19 _814-849_30MHz-10GHz

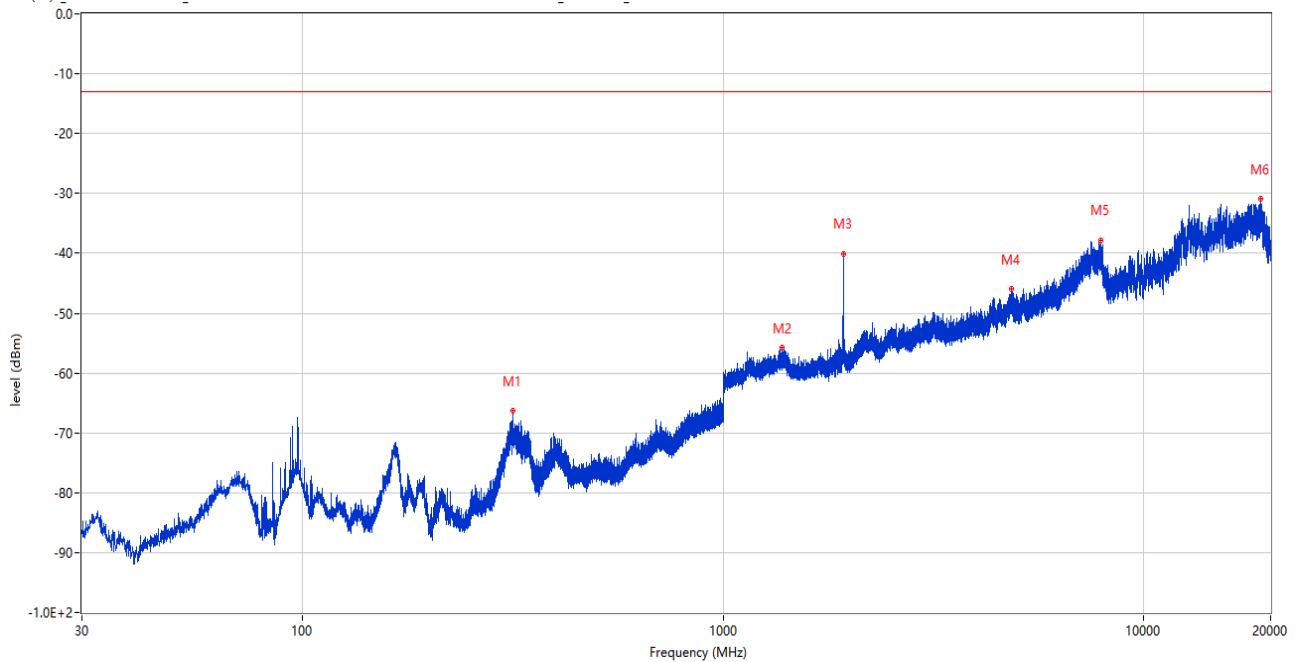


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
848.825	-53.76	2.40	-13.0	40.76	358.00	Vertical	Vertical	N/A
893.737	-49.62	2.31	-13.0	36.62	166.00	Vertical	Vertical	N/A
1698.000	-49.08	-5.36	-13.0	36.08	66.00	Vertical	Vertical	Pass
2546.900	-39.77	0.49	-13.0	26.77	188.00	Vertical	Vertical	Pass
5173.000	-45.90	8.16	-13.0	32.90	235.00	Vertical	Vertical	Pass
7495.750	-37.19	16.70	-13.0	24.19	167.00	Vertical	Vertical	Pass

1.2 GSM 1900

Band:GSM1900,Channel:Low range

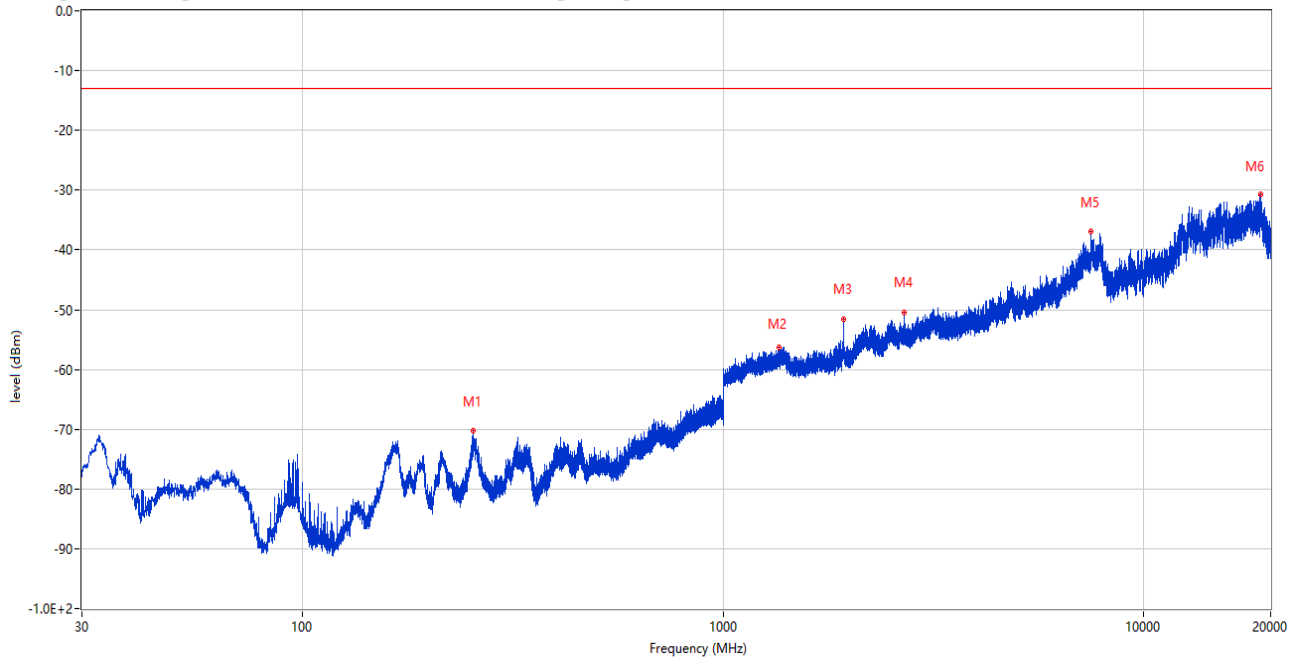
RSE (RF) _FCC PART22&24&27_GSM 1900 & CDMA BC1 & WCDMA Band 2 & LTE Band 2 & 25 _1830-1920_30MHz-20GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
316.441	-66.36	-12.82	-13.0	53.36	228.00	Horizontal	Vertical	Pass
1380.900	-55.72	-4.13	-13.0	42.72	360.00	Horizontal	Vertical	Pass
1930.400	-40.05	-3.14	-13.0	27.05	276.00	Horizontal	Vertical	N/A
4843.500	-46.02	7.55	-13.0	33.02	277.00	Horizontal	Vertical	Pass
7878.500	-37.76	17.09	-13.0	24.76	103.00	Horizontal	Vertical	Pass
18907.787	-30.93	24.05	-13.0	17.93	236.00	Horizontal	Vertical	Pass

Band:GSM1900,Channel:Low range

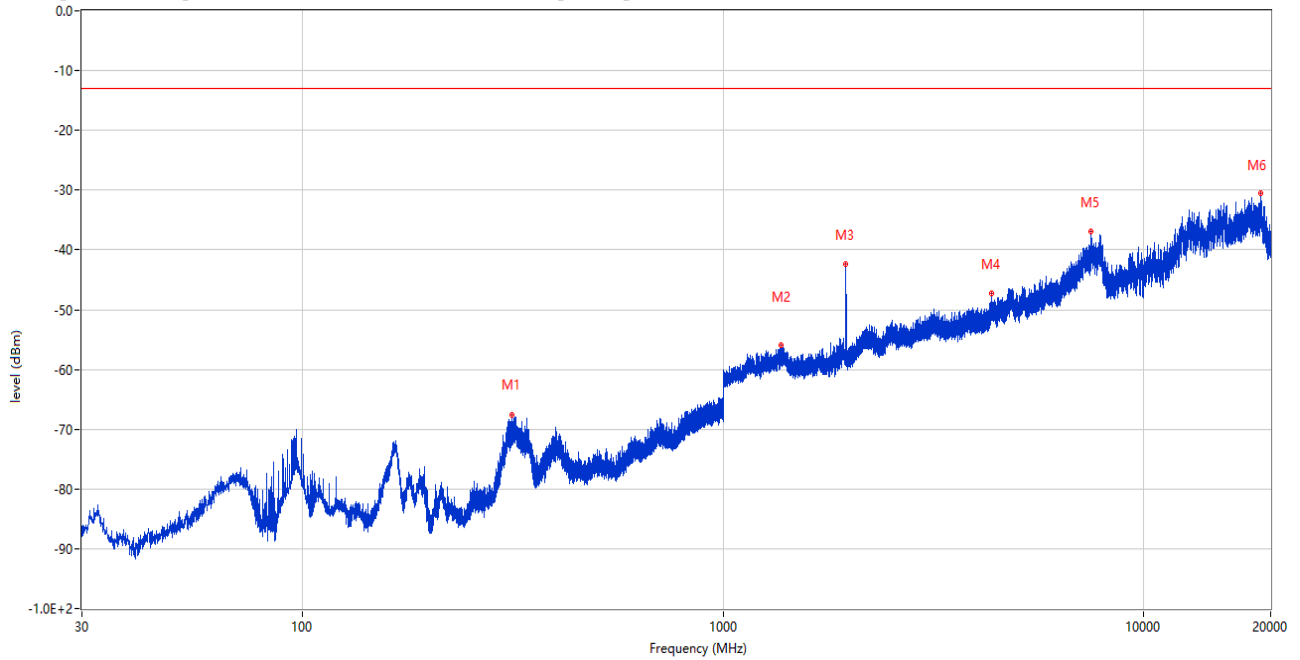
RSE (RF) _FCC PART22&24&27_GSM 1900 & CDMA BC1 & WCDMA Band 2 & LTE Band 2 & 25 _1830-1920_30MHz-20GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
255.380	-70.30	-14.79	-13.0	57.30	156.00	Vertical	Vertical	Pass
1355.800	-56.22	-4.32	-13.0	43.22	0.00	Vertical	Vertical	Pass
1930.400	-51.51	-3.14	-13.0	38.51	232.00	Vertical	Vertical	N/A
2700.200	-50.41	1.02	-13.0	37.41	105.00	Vertical	Vertical	Pass
7495.000	-36.94	16.76	-13.0	23.94	143.00	Vertical	Vertical	Pass
18943.312	-30.76	24.01	-13.0	17.76	252.00	Vertical	Vertical	Pass

Band:GSM1900,Channel:MID range

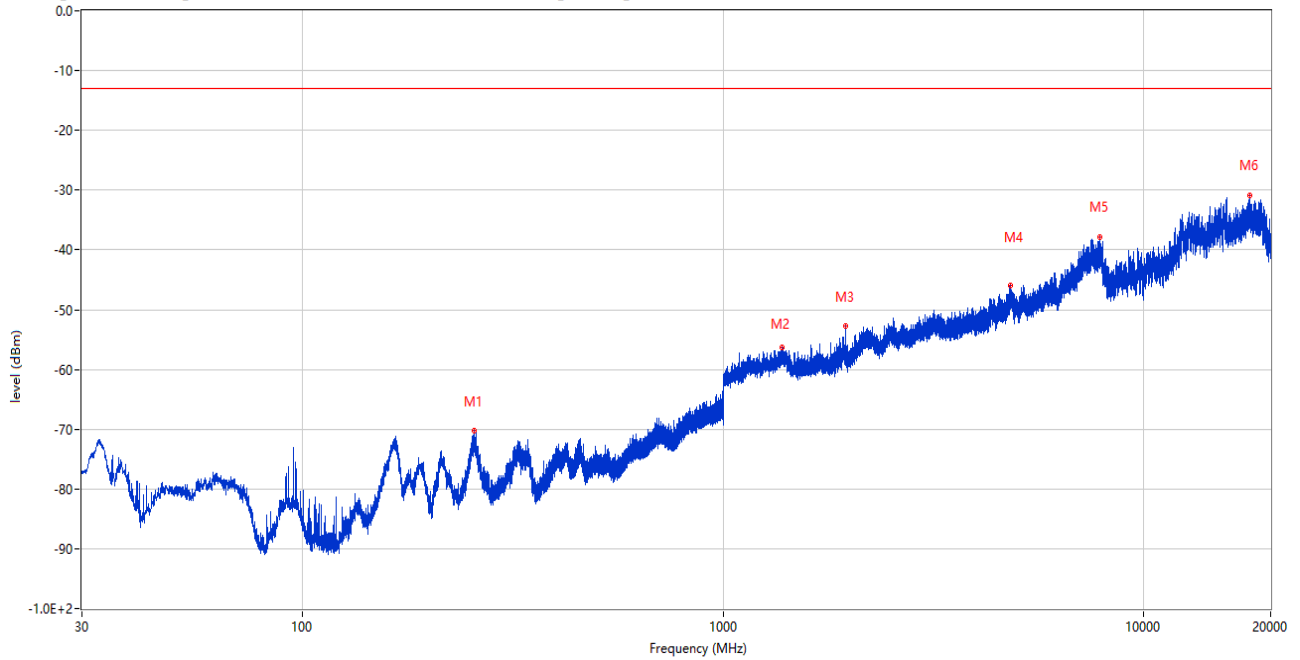
RSE (RF) _FCC PART22&24&27_GSM 1900 & CDMA BC1 & WCDMA Band 2 & LTE Band 2 & 25 _1830-1920_30MHz-20GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
316.004	-67.53	-12.82	-13.0	54.53	214.00	Horizontal	Vertical	Pass
1375.000	-56.01	-4.46	-13.0	43.01	112.00	Horizontal	Vertical	Pass
1960.200	-42.46	-4.45	-13.0	29.46	274.00	Horizontal	Vertical	N/A
4356.000	-47.36	6.57	-13.0	34.36	24.00	Horizontal	Vertical	Pass
7497.500	-36.99	16.58	-13.0	23.99	360.00	Horizontal	Vertical	Pass
18914.312	-30.58	24.04	-13.0	17.58	34.00	Horizontal	Vertical	Pass

Band:GSM1900,Channel:MID range

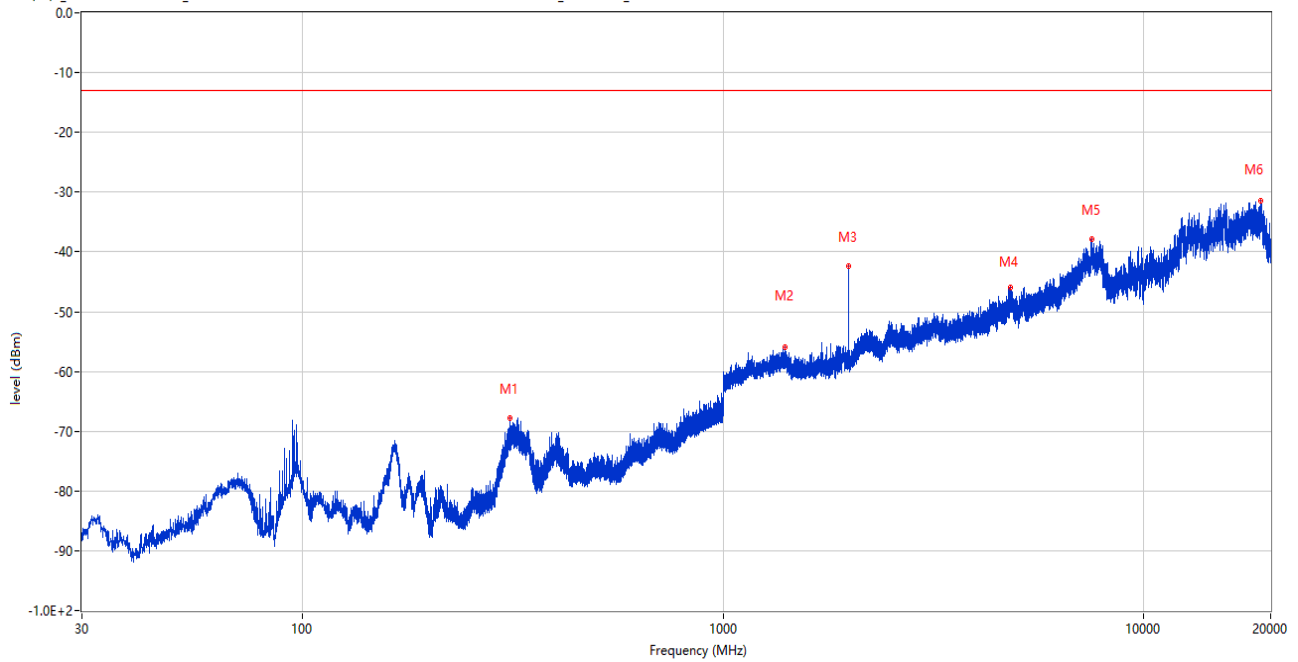
RSE (RF) _FCC PART22&24&27_GSM 1900 & CDMA BC1 & WCDMA Band 2 & LTE Band 2 & 25 _1830-1920_30MHz-20GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
255.962	-70.26	-14.76	-13.0	57.26	165.00	Vertical	Vertical	Pass
1385.000	-56.31	-4.32	-13.0	43.31	33.00	Vertical	Vertical	Pass
1960.300	-52.81	-4.44	-13.0	39.81	68.00	Vertical	Vertical	N/A
4826.250	-45.96	7.66	-13.0	32.96	89.00	Vertical	Vertical	Pass
7857.250	-37.83	16.48	-13.0	24.83	345.00	Vertical	Vertical	Pass
17888.801	-30.87	25.56	-13.0	17.87	5.00	Vertical	Vertical	Pass

Band:GSM1900,Channel:HIGH range

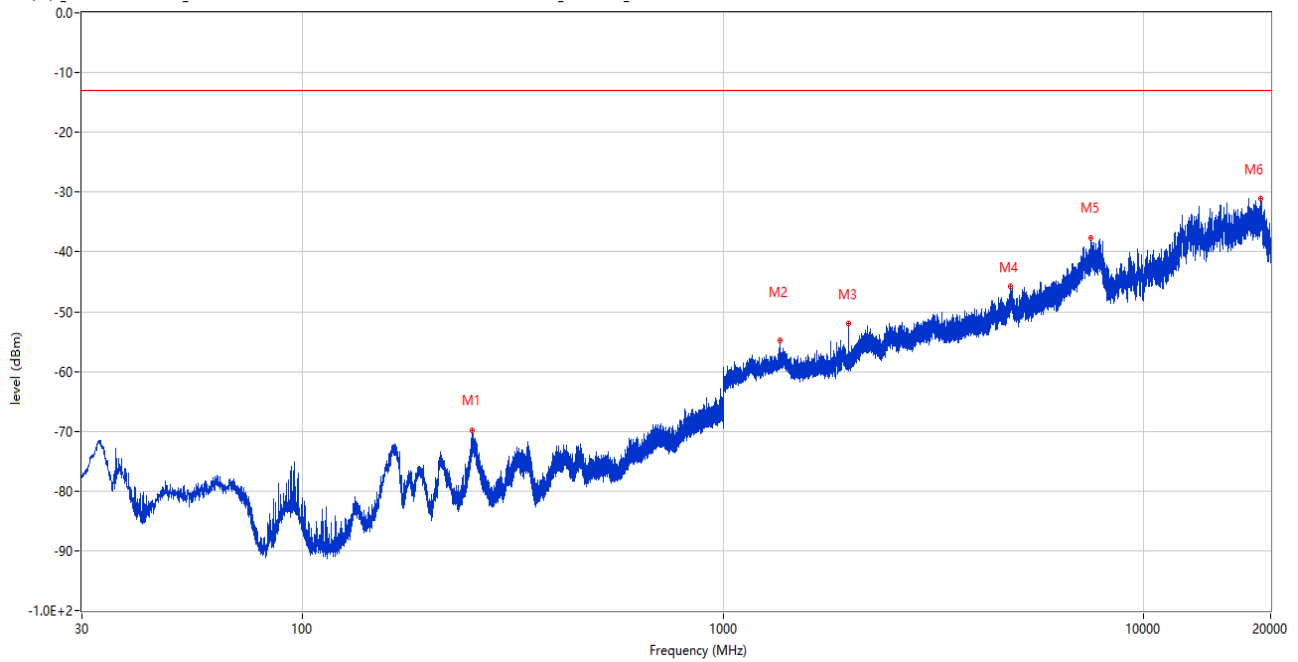
RSE (RF) _FCC PART22&24&27_GSM 1900 & CDMA BC1 & WCDMA Band 2 & LTE Band 2 & 25 _1830-1920_30MHz-20GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
311.737	-67.84	-12.82	-13.0	54.84	232.00	Horizontal	Vertical	Pass
1401.200	-55.89	-4.16	-13.0	42.89	293.00	Horizontal	Vertical	Pass
1990.000	-42.44	-4.40	-13.0	29.44	130.00	Horizontal	Vertical	N/A
4821.500	-45.90	7.71	-13.0	32.90	345.00	Horizontal	Vertical	Pass
7508.500	-37.95	15.91	-13.0	24.95	95.00	Horizontal	Vertical	Pass
18914.677	-31.53	24.04	-13.0	18.53	171.00	Horizontal	Vertical	Pass

Band:GSM1900,Channel:HIGH range

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



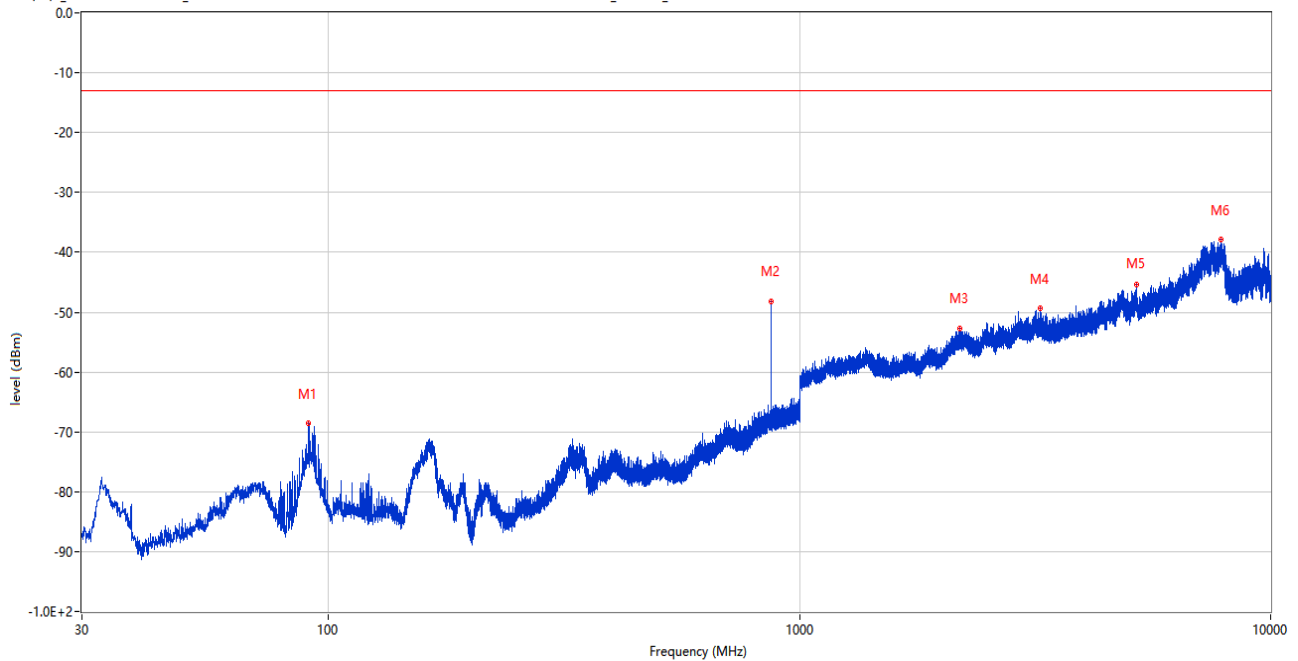
Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
253.730	-69.83	-14.80	-13.0	56.83	0.00	Vertical	Vertical	Pass
1366.700	-54.89	-4.23	-13.0	41.89	328.00	Vertical	Vertical	Pass
1989.800	-52.00	-4.40	-13.0	39.00	25.00	Vertical	Vertical	N/A
4829.000	-45.73	7.60	-13.0	32.73	230.00	Vertical	Vertical	Pass
7500.500	-37.58	16.43	-13.0	24.58	0.00	Vertical	Vertical	Pass
18897.275	-31.02	24.06	-13.0	18.02	259.00	Vertical	Vertical	Pass

2. EGPRS

2.1 EGPRS 850

Band:EGPRS850,Channel:Low range

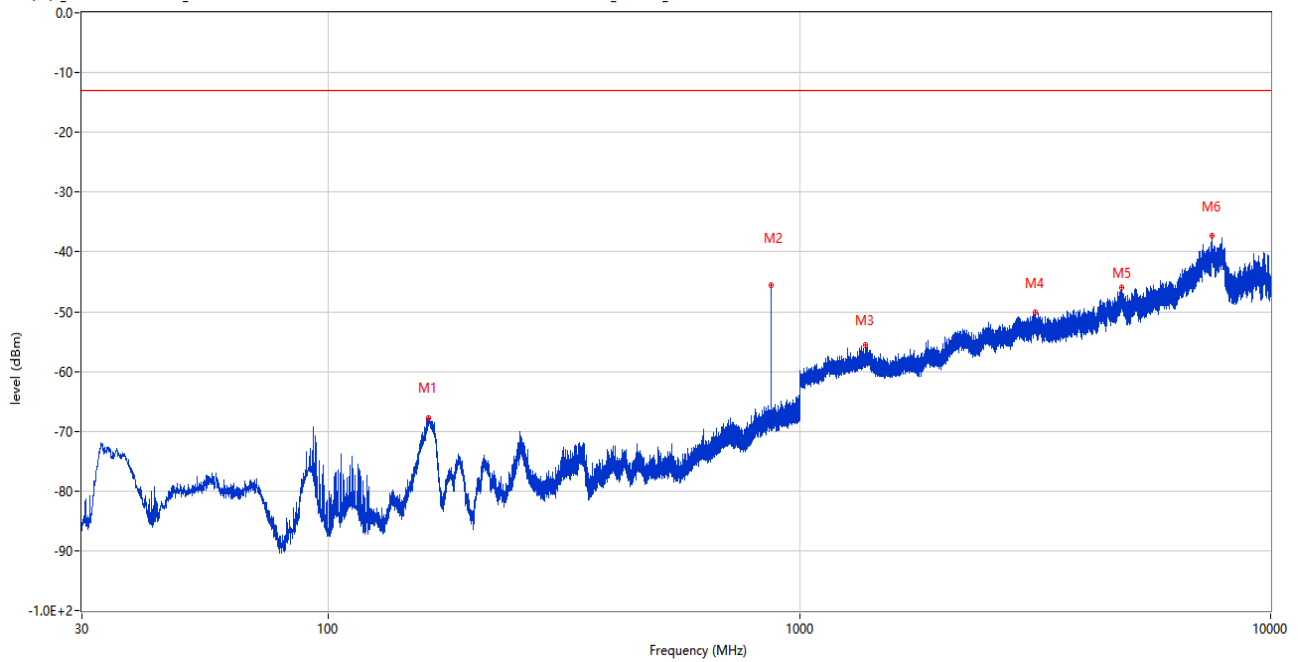
RSE (RF) _FCC PART22&24&27_GSM 850 & CDMA BC0 & WCDMA Band5 & LTE Band 5 & 26 & 18 & 19_814-849_30MHz-10GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
90.916	-68.61	-19.94	-13.0	55.61	243.00	Horizontal	Vertical	Pass
869.292	-48.19	2.10	-13.0	35.19	45.00	Horizontal	Vertical	N/A
2193.900	-52.66	-0.76	-13.0	39.66	180.00	Horizontal	Vertical	Pass
3241.000	-49.36	4.45	-13.0	36.36	113.00	Horizontal	Vertical	Pass
5201.750	-45.34	8.41	-13.0	32.34	309.00	Horizontal	Vertical	Pass
7863.750	-37.90	16.82	-13.0	24.90	243.00	Horizontal	Vertical	Pass

Band:EGPRS850,Channel:Low range

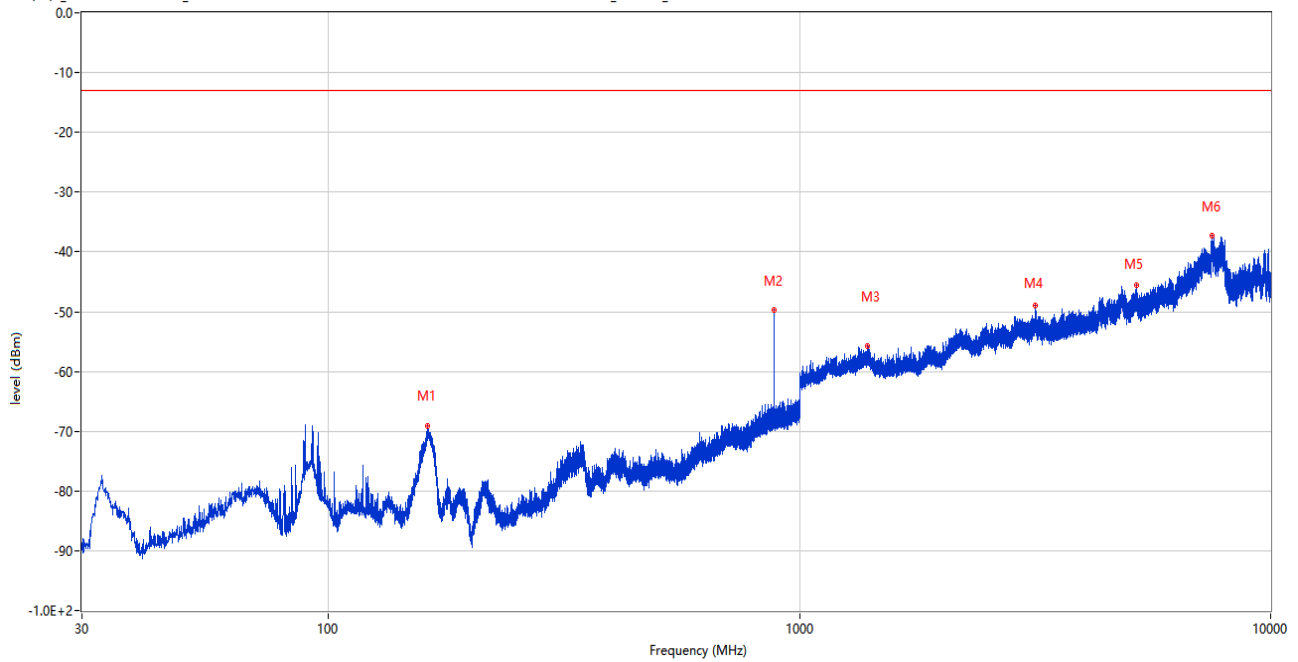
RSE (RF) _FCC PART22&24&27_GSM 850 & CDMA BCO & WCDMA Band5 & LTE Band 5 & 26 & 18 & 19 _814-849_30MHz-10GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
162.842	-67.78	-15.90	-13.0	54.78	138.00	Vertical	Vertical	Pass
869.292	-45.59	2.10	-13.0	32.59	321.00	Vertical	Vertical	N/A
1382.600	-55.65	-4.03	-13.0	42.65	333.00	Vertical	Vertical	Pass
3166.500	-50.13	5.47	-13.0	37.13	326.00	Vertical	Vertical	Pass
4828.250	-45.91	7.63	-13.0	32.91	239.00	Vertical	Vertical	Pass
7498.250	-37.34	16.54	-13.0	24.34	258.00	Vertical	Vertical	Pass

Band:EGPRS850,Channel:MID range

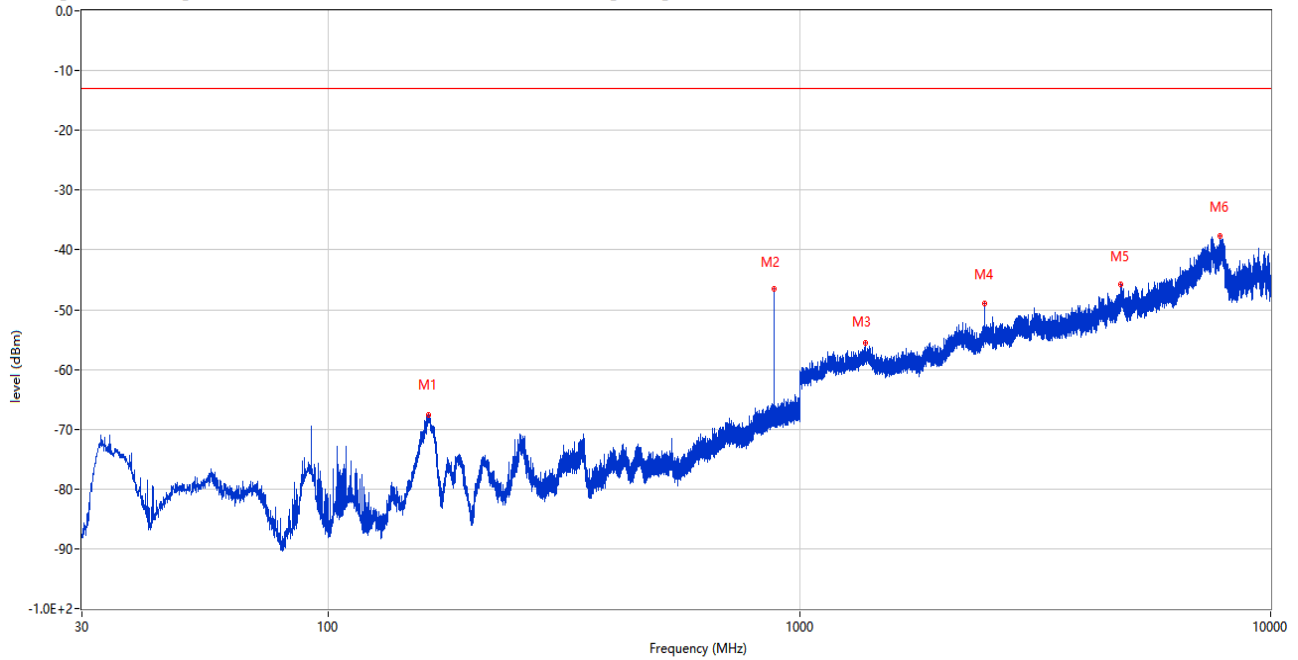
RSE (RF) _FCC PART22&24&27_GSM 850 & CDMA BCO & WCDMA Band5 & LTE Band 5 & 26 & 18 & 19 _814-849_30MHz-10GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
162.308	-69.03	-15.87	-13.0	56.03	180.00	Horizontal	Vertical	Pass
881.660	-49.73	2.45	-13.0	36.73	54.00	Horizontal	Vertical	N/A
1391.500	-55.82	-3.93	-13.0	42.82	12.00	Horizontal	Vertical	Pass
3166.000	-49.06	5.45	-13.0	36.06	305.00	Horizontal	Vertical	Pass
5183.250	-45.64	8.43	-13.0	32.64	208.00	Horizontal	Vertical	Pass
7495.250	-37.31	16.74	-13.0	24.31	73.00	Horizontal	Vertical	Pass

Band:EGPRS850,Channel:MID range

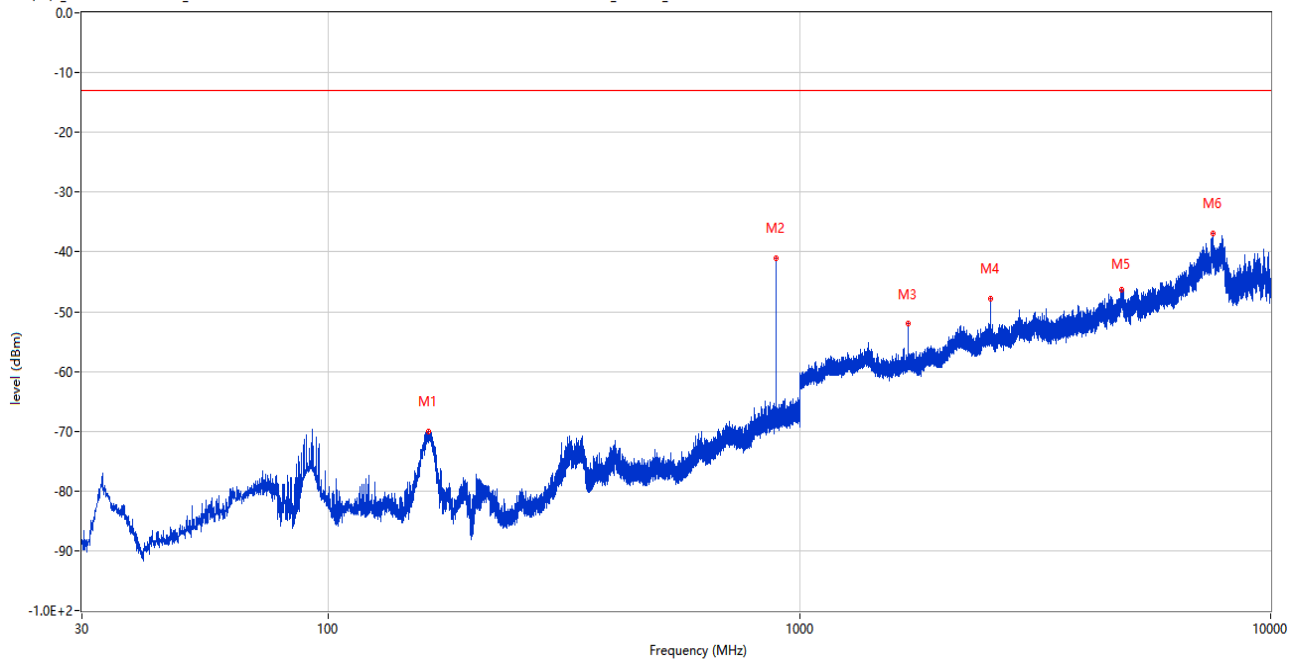
RSE (RF) _FCC PART22&24&27_GSM 850 & CDMA BCO & WCDMA Band5 & LTE Band 5 & 26 & 18 & 19 _814-849_30MHz-10GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
162.987	-67.61	-15.91	-13.0	54.61	148.00	Vertical	Vertical	Pass
881.660	-46.57	2.45	-13.0	33.57	333.00	Vertical	Vertical	N/A
1379.700	-55.59	-4.04	-13.0	42.59	206.00	Vertical	Vertical	Pass
2472.100	-49.03	0.19	-13.0	36.03	106.00	Vertical	Vertical	Pass
4802.250	-45.68	8.01	-13.0	32.68	344.00	Vertical	Vertical	Pass
7819.750	-37.70	16.55	-13.0	24.70	160.00	Vertical	Vertical	Pass

Band:EGPRS850,Channel:HIGH range

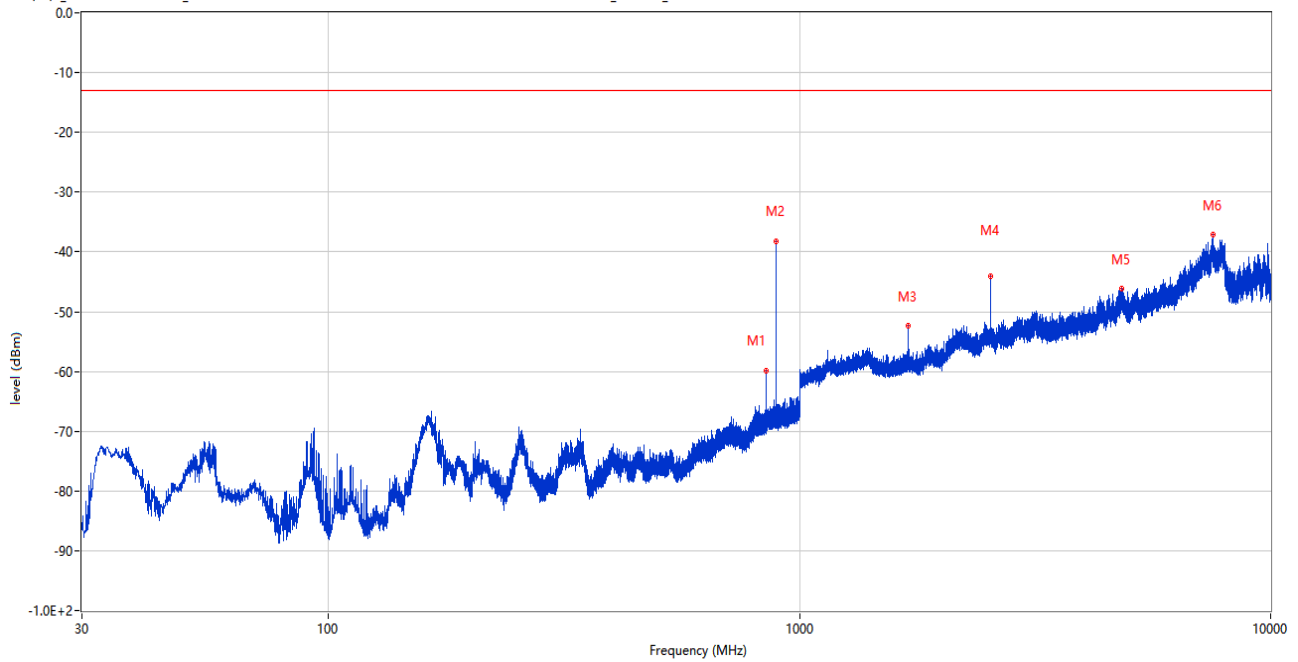
RSE (RF) _FCC PART22&24&27_GSM 850 & CDMA BCO & WCDMA Band5 & LTE Band 5 & 26 & 18 & 19 _814-849_30MHz-10GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
162.939	-70.01	-15.91	-13.0	57.01	179.00	Horizontal	Vertical	Pass
893.785	-41.06	2.31	-13.0	28.06	49.00	Horizontal	Vertical	N/A
1697.900	-52.05	-5.37	-13.0	39.05	358.00	Horizontal	Vertical	Pass
2546.500	-47.74	0.47	-13.0	34.74	352.00	Horizontal	Vertical	Pass
4826.750	-46.28	7.65	-13.0	33.28	271.00	Horizontal	Vertical	Pass
7538.750	-36.87	16.78	-13.0	23.87	26.00	Horizontal	Vertical	Pass

Band:EGPRS850,Channel:HIGH range

RSE (RF) _FCC PART22&24&27_GSM 850 & CDMA BCO & WCDMA Band5 & LTE Band 5 & 26 & 18 & 19 _814-849_30MHz-10GHz

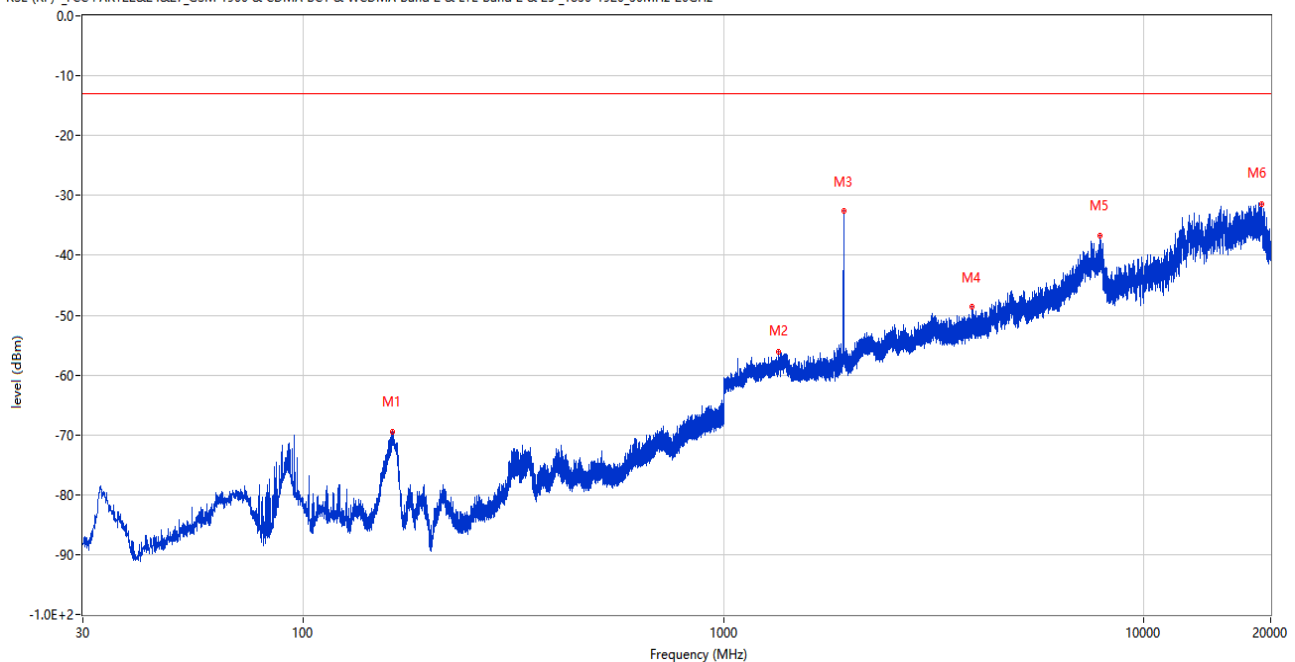


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
848.777	-59.86	2.40	-13.0	46.86	137.00	Vertical	Vertical	N/A
893.833	-38.16	2.31	-13.0	25.16	341.00	Vertical	Vertical	N/A
1697.900	-52.38	-5.37	-13.0	39.38	302.00	Vertical	Vertical	Pass
2546.500	-44.07	0.47	-13.0	31.07	22.00	Vertical	Vertical	Pass
4828.750	-46.18	7.61	-13.0	33.18	202.00	Vertical	Vertical	Pass
7540.500	-37.12	16.78	-13.0	24.12	134.00	Vertical	Vertical	Pass

2.2 EGPRS 1900

Band:EGPRS1900,Channel:Low range

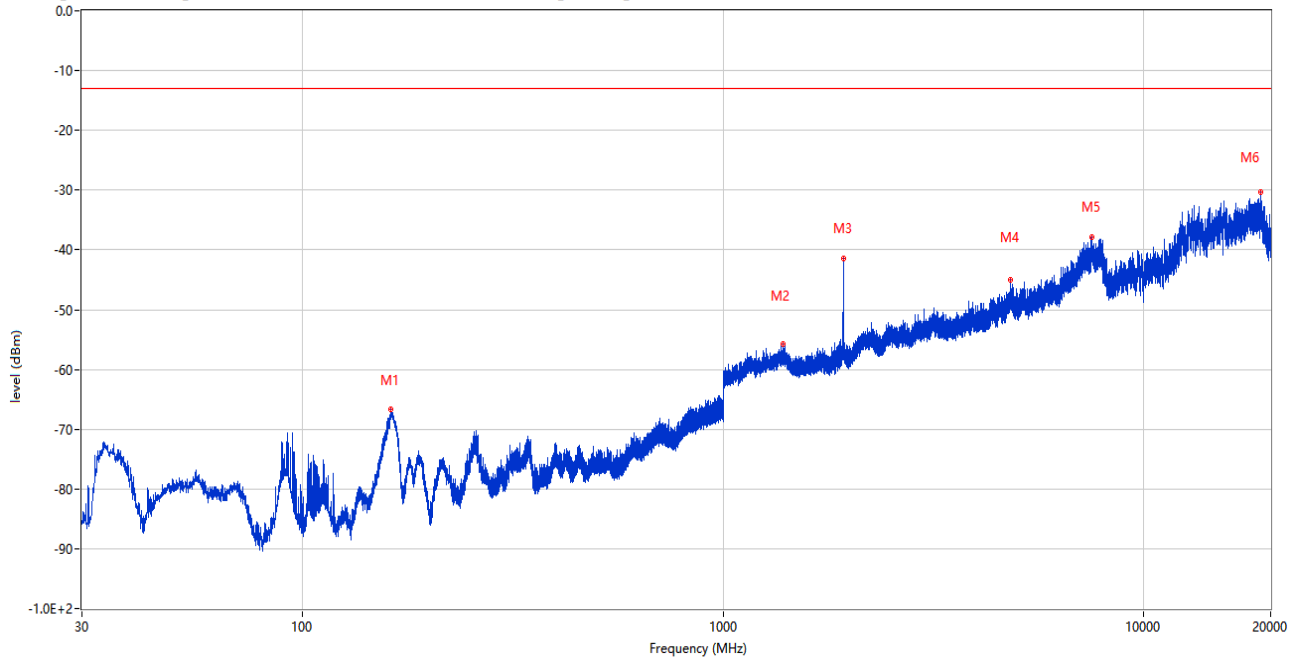
RSE (RF) _FCC PART22&24&27_GSM 1900 & CDMA BC1 & WCDMA Band 2 & LTE Band 2 & 25 _1830-1920_30MHz-20GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
163.084	-69.47	-15.94	-13.0	56.47	174.00	Horizontal	Vertical	Pass
1350.000	-56.08	-4.30	-13.0	43.08	238.00	Horizontal	Vertical	Pass
1930.300	-32.57	-3.10	-13.0	19.57	124.00	Horizontal	Vertical	N/A
3908.500	-48.66	4.82	-13.0	35.66	305.00	Horizontal	Vertical	Pass
7874.500	-36.68	17.09	-13.0	23.68	56.00	Horizontal	Vertical	Pass
19049.163	-31.52	23.91	-13.0	18.52	311.00	Horizontal	Vertical	Pass

Band:EGPRS1900,Channel:Low range

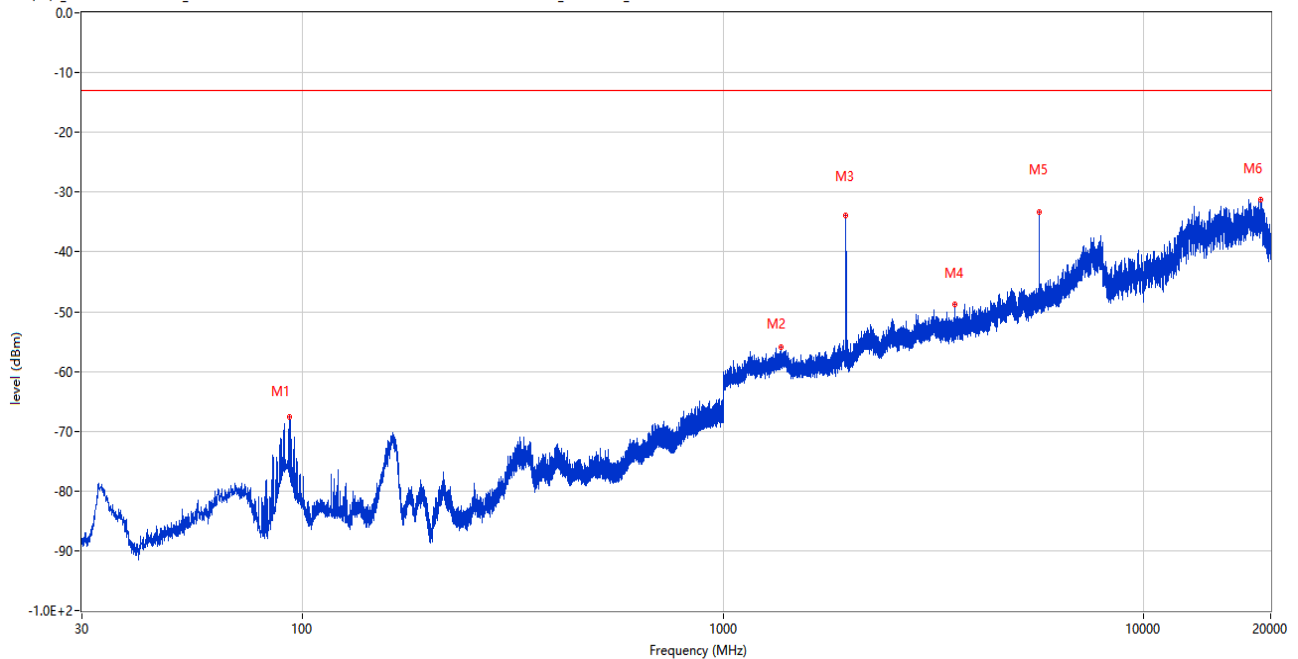
RSE (RF) _FCC PART22&24&27_GSM 1900 & CDMA BC1 & WCDMA Band 2 & LTE Band 2 & 25 _1830-1920_30MHz-20GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
162.890	-66.73	-15.94	-13.0	53.73	140.00	Vertical	Vertical	Pass
1387.300	-55.78	-3.91	-13.0	42.78	231.00	Vertical	Vertical	Pass
1930.500	-41.37	-3.19	-13.0	28.37	176.00	Vertical	Vertical	N/A
4824.250	-45.10	7.67	-13.0	32.10	277.00	Vertical	Vertical	Pass
7505.750	-37.82	16.11	-13.0	24.82	128.00	Vertical	Vertical	Pass
18927.725	-30.30	24.03	-13.0	17.30	337.00	Vertical	Vertical	Pass

Band:EGPRS1900,Channel:MID range

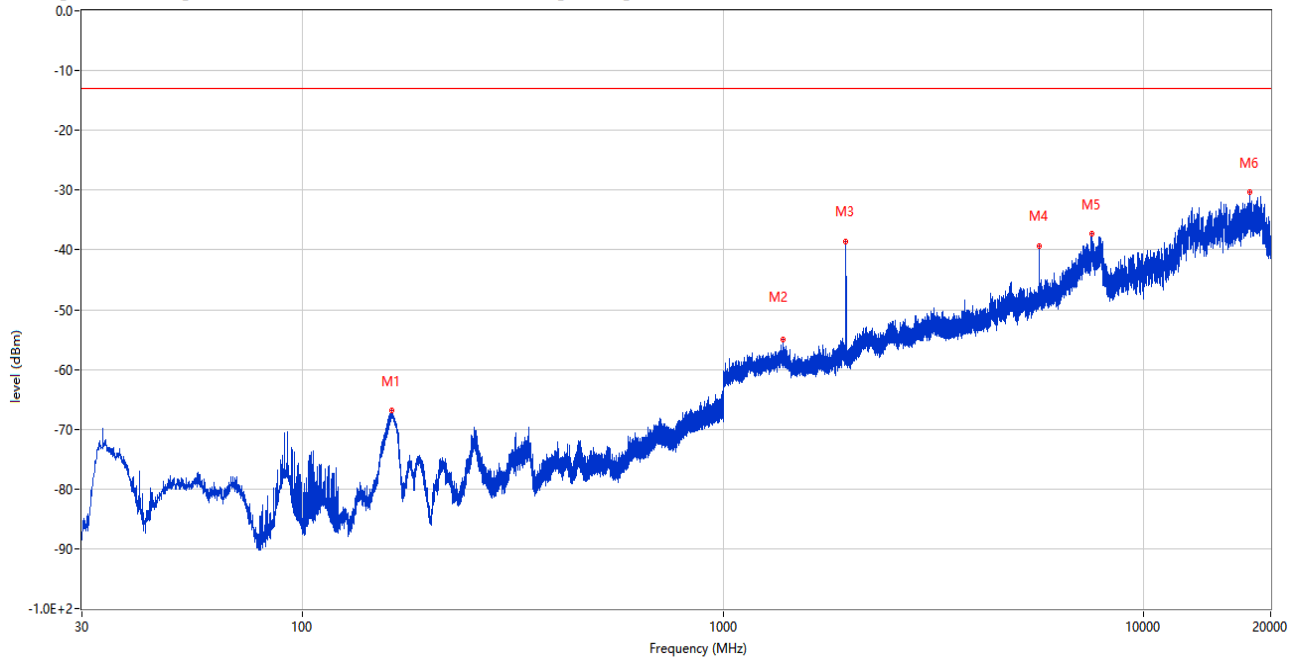
RSE (RF) _FCC PART22&24&27_GSM 1900 & CDMA BC1 & WCDMA Band 2 & LTE Band 2 & 25 _1830-1920_30MHz-20GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
93.341	-67.51	-20.39	-13.0	54.51	20.00	Horizontal	Vertical	Pass
1370.900	-55.86	-4.23	-13.0	42.86	85.00	Horizontal	Vertical	Pass
1960.200	-33.82	-4.45	-13.0	20.82	128.00	Horizontal	Vertical	N/A
3556.000	-48.74	3.63	-13.0	35.74	339.00	Horizontal	Vertical	Pass
5640.000	-33.24	8.17	-13.0	20.24	169.00	Horizontal	Vertical	Pass
18920.475	-31.22	24.04	-13.0	18.22	341.00	Horizontal	Vertical	Pass

Band:EGPRS1900,Channel:MID range

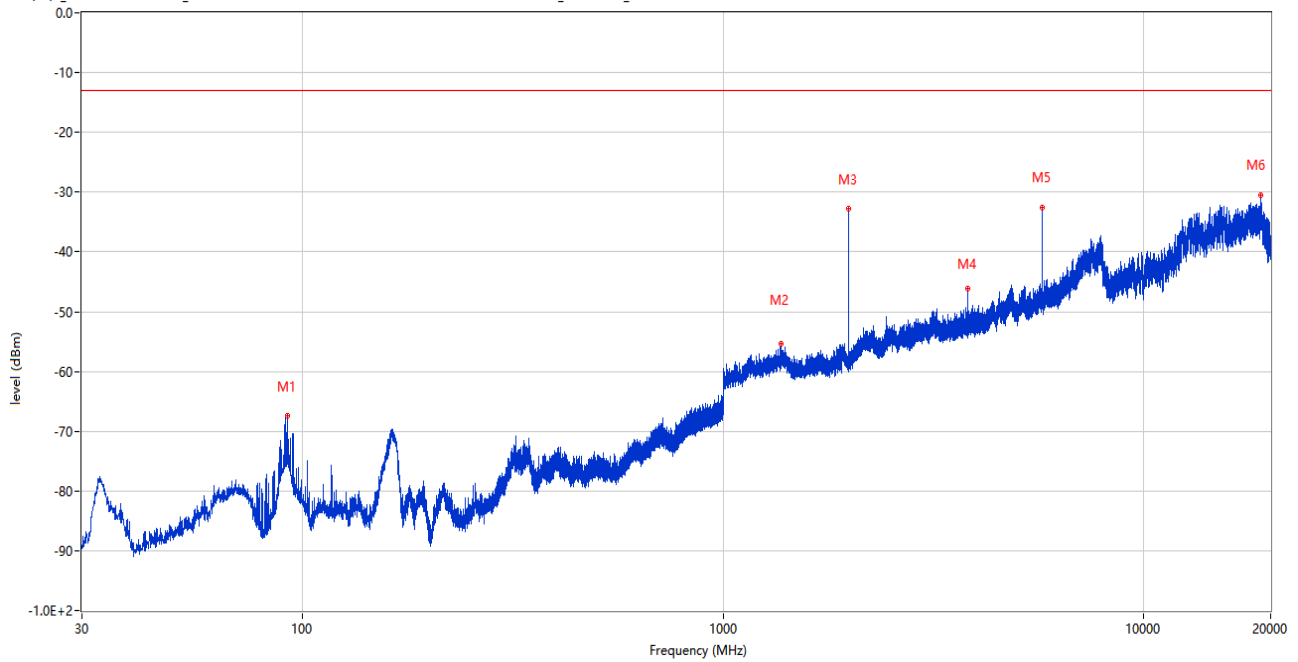
RSE (RF) _FCC PART22&24&27_GSM 1900 & CDMA BC1 & WCDMA Band 2 & LTE Band 2 & 25 _1830-1920_30MHz-20GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
163.520	-66.93	-15.94	-13.0	53.93	154.00	Vertical	Vertical	Pass
1386.300	-54.92	-4.10	-13.0	41.92	26.00	Vertical	Vertical	Pass
1960.200	-38.55	-4.45	-13.0	25.55	69.00	Vertical	Vertical	N/A
5640.250	-39.27	8.17	-13.0	26.27	226.00	Vertical	Vertical	Pass
7513.500	-37.35	15.80	-13.0	24.35	166.00	Vertical	Vertical	Pass
17816.302	-30.35	26.27	-13.0	17.35	208.00	Vertical	Vertical	Pass

Band:EGPRS1900,Channel:HIGH range

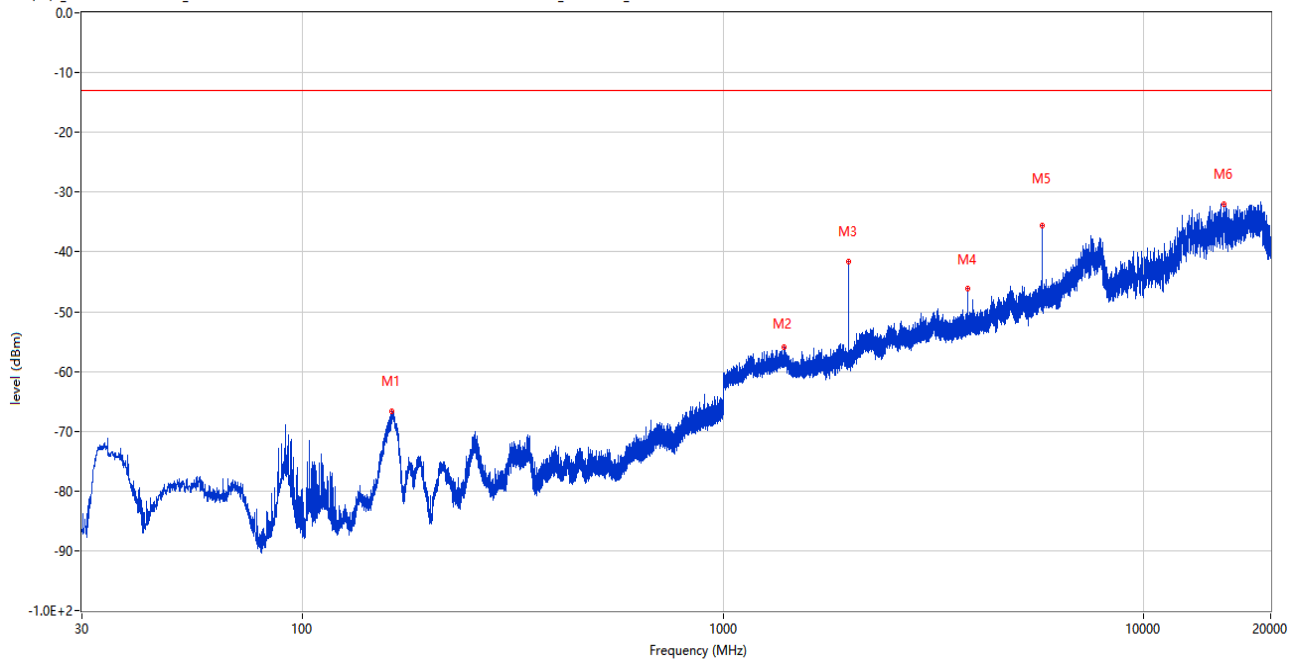
RSE (RF) _FCC PART22&24&27_GSM 1900 & CDMA BC1 & WCDMA Band 2 & LTE Band 2 & 25 _1830-1920_30MHz-20GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
92.371	-67.50	-20.21	-13.0	54.50	231.00	Horizontal	Vertical	Pass
1374.800	-55.44	-4.44	-13.0	42.44	218.00	Horizontal	Vertical	Pass
1990.100	-32.78	-4.40	-13.0	19.78	273.00	Horizontal	Vertical	N/A
3820.000	-46.08	5.19	-13.0	33.08	26.00	Horizontal	Vertical	Pass
5729.500	-32.51	7.62	-13.0	19.51	151.00	Horizontal	Vertical	Pass
18909.600	-30.48	24.05	-13.0	17.48	87.00	Horizontal	Vertical	Pass

Band:EGPRS1900,Channel:HIGH range

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



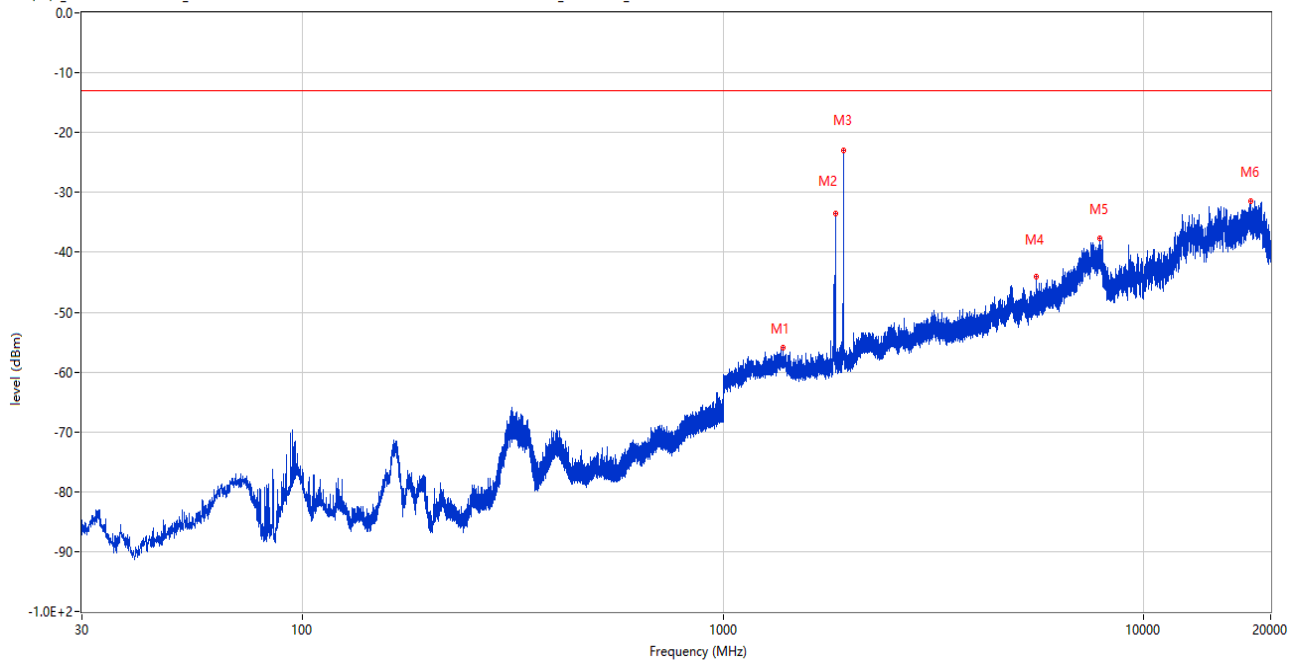
Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
163.472	-66.57	-15.94	-13.0	53.57	155.00	Vertical	Vertical	Pass
1396.400	-55.96	-3.95	-13.0	42.96	358.00	Vertical	Vertical	Pass
1990.100	-41.53	-4.40	-13.0	28.53	58.00	Vertical	Vertical	N/A
3819.750	-46.15	5.20	-13.0	33.15	240.00	Vertical	Vertical	Pass
5729.750	-41.17	7.62	-13.0	28.17	142.00	Vertical	Vertical	Pass
15501.013	-31.99	24.41	-13.0	18.99	353.00	Vertical	Vertical	Pass

3. WCDMA

3.1 WCDMA Band 2

Band:WCDMA B2,Channel:Low range

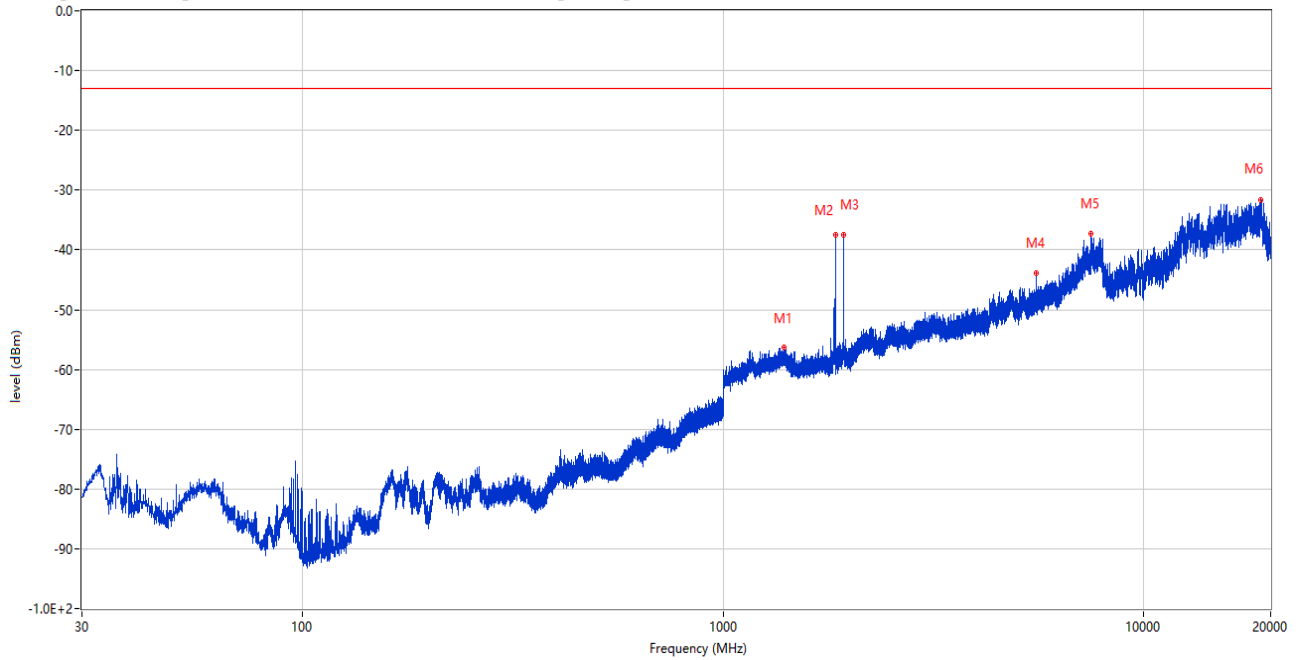
RSE (RF) _FCC PART22&24&27_GSM 1900 & CDMA BC1 & WCDMA Band 2 & LTE Band 2 & 25 _1830-1920_30MHz-20GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
1391.400	-55.90	-4.45	-13.0	42.90	74.00	Horizontal	Vertical	Pass
1853.800	-33.61	-3.46	-13.0	20.61	176.00	Horizontal	Vertical	N/A
1933.900	-22.95	-3.71	-13.0	9.95	278.00	Horizontal	Vertical	N/A
5554.500	-44.09	7.42	-13.0	31.09	173.00	Horizontal	Vertical	Pass
7855.500	-37.69	16.39	-13.0	24.69	182.00	Horizontal	Vertical	Pass
17909.463	-31.48	25.41	-13.0	18.48	244.00	Horizontal	Vertical	Pass

Band:WCDMA B2,Channel:Low range

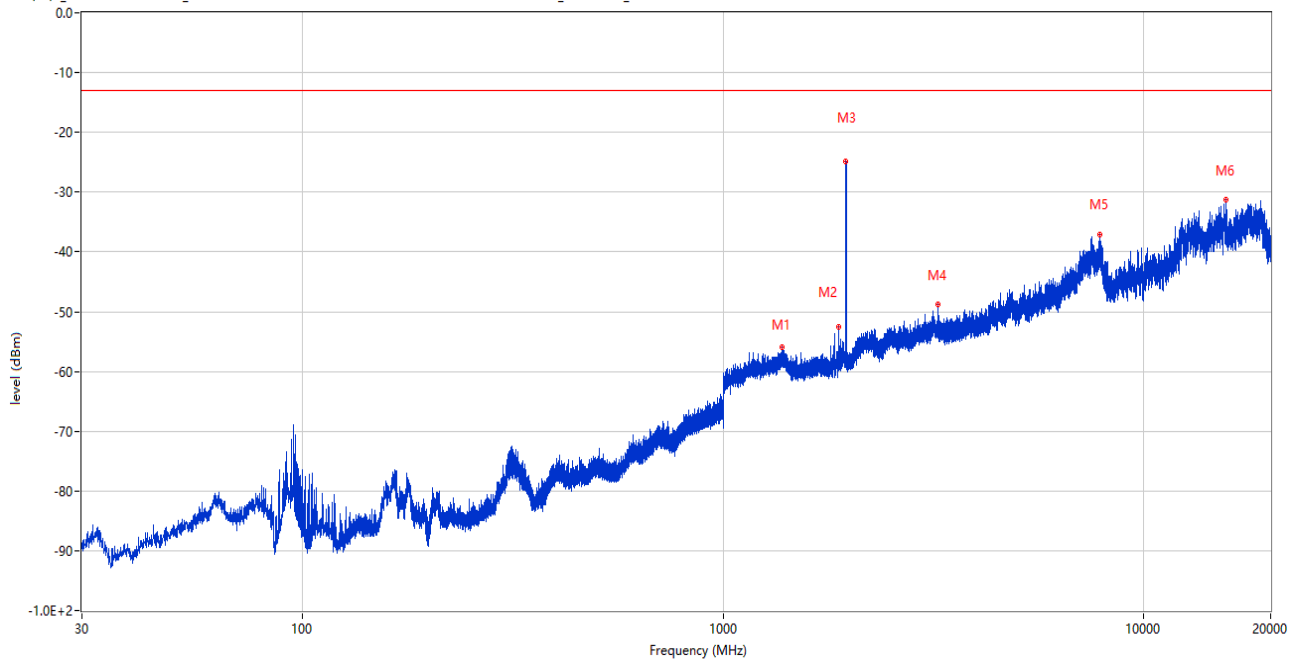
RSE (RF) _FCC PART22&24&27_GSM 1900 & CDMA BC1 & WCDMA Band 2 & LTE Band 2 & 25 _1830-1920_30MHz-20GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
1396.200	-56.38	-3.89	-13.0	43.38	0.00	Vertical	Vertical	Pass
1853.900	-37.41	-3.46	-13.0	24.41	255.00	Vertical	Vertical	N/A
1932.200	-37.46	-3.76	-13.0	24.46	231.00	Vertical	Vertical	N/A
5560.750	-43.82	7.37	-13.0	30.82	285.00	Vertical	Vertical	Pass
7499.000	-37.23	16.50	-13.0	24.23	266.00	Vertical	Vertical	Pass
18905.250	-31.59	24.05	-13.0	18.59	194.00	Vertical	Vertical	Pass

Band:WCDMA B2,Channel:MID range

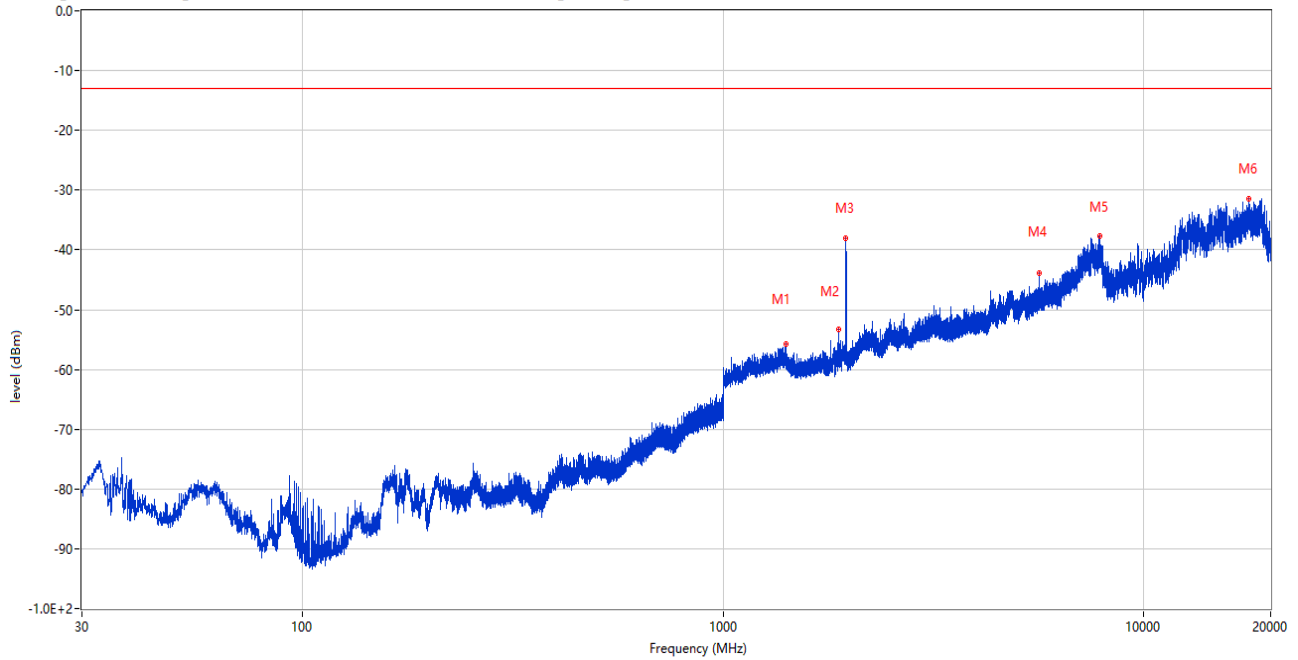
RSE (RF) _FCC PART22&24&27_GSM 1900 & CDMA BC1 & WCDMA Band 2 & LTE Band 2 & 25 _1830-1920_30MHz-20GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
1382.100	-55.95	-4.28	-13.0	42.95	360.00	Horizontal	Vertical	Pass
1878.100	-52.46	-3.04	-13.0	39.46	170.00	Horizontal	Vertical	N/A
1959.100	-24.86	-4.49	-13.0	11.86	284.00	Horizontal	Vertical	N/A
3239.750	-48.79	4.47	-13.0	35.79	142.00	Horizontal	Vertical	Pass
7858.250	-37.02	16.52	-13.0	24.02	122.00	Horizontal	Vertical	Pass
15694.224	-31.34	24.06	-13.0	18.34	192.00	Horizontal	Vertical	Pass

Band:WCDMA B2,Channel:MID range

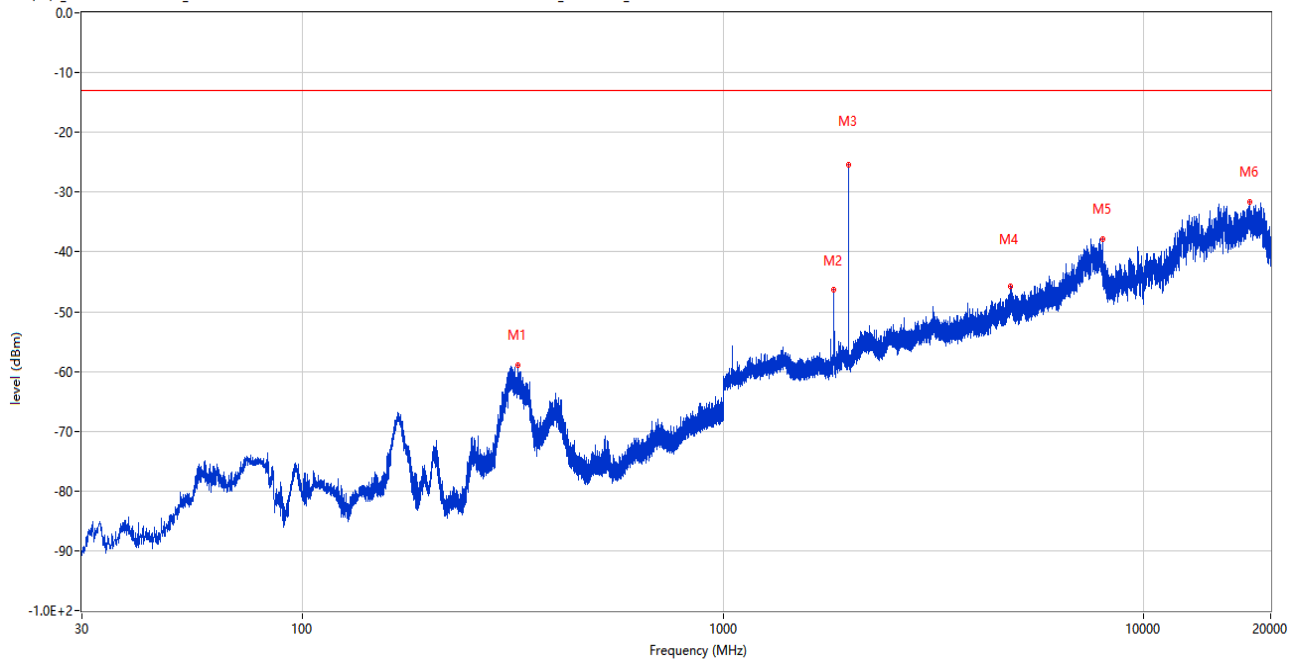
RSE (RF) _FCC PART22&24&27_GSM 1900 & CDMA BC1 & WCDMA Band 2 & LTE Band 2 & 25 _1830-1920_30MHz-20GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
1415.200	-55.69	-4.21	-13.0	42.69	360.00	Vertical	Vertical	Pass
1878.900	-53.36	-3.02	-13.0	40.36	275.00	Vertical	Vertical	N/A
1959.400	-38.01	-4.51	-13.0	25.01	213.00	Vertical	Vertical	N/A
5637.250	-43.89	8.19	-13.0	30.89	296.00	Vertical	Vertical	Pass
7853.250	-37.73	16.21	-13.0	24.73	213.00	Vertical	Vertical	Pass
17740.900	-31.44	25.72	-13.0	18.44	190.00	Vertical	Vertical	Pass

Band:WCDMA B2,Channel:HIGH range

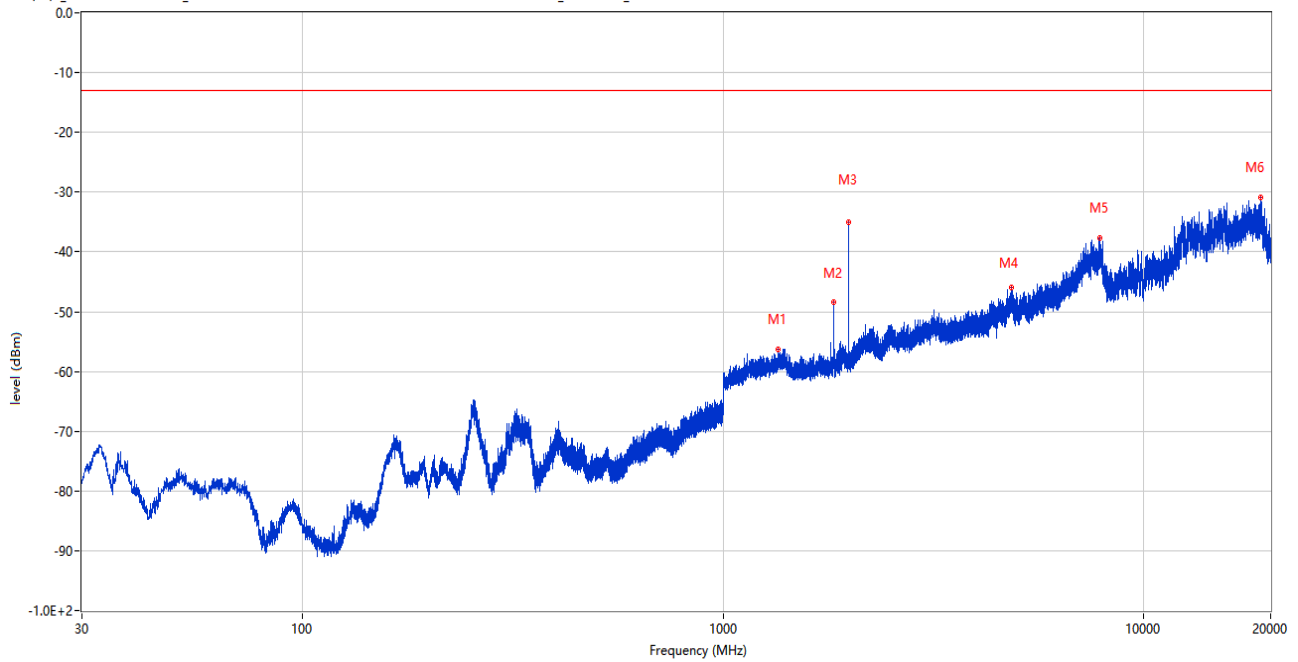
RSE (RF) _FCC PART22&24&27_GSM 1900 & CDMA BC1 & WCDMA Band 2 & LTE Band 2 & 25 _1830-1920_30MHz-20GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
325.608	-58.95	-12.89	-13.0	45.95	122.00	Horizontal	Vertical	Pass
1830.800	-46.37	-4.18	-13.0	33.37	188.00	Horizontal	Vertical	Pass
1989.300	-25.42	-4.41	-13.0	12.42	120.00	Horizontal	Vertical	N/A
4822.000	-45.83	7.70	-13.0	32.83	161.00	Horizontal	Vertical	Pass
7994.500	-37.85	17.12	-13.0	24.85	357.00	Horizontal	Vertical	Pass
17865.599	-31.57	25.74	-13.0	18.57	254.00	Horizontal	Vertical	Pass

Band:WCDMA B2,Channel:HIGH range

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

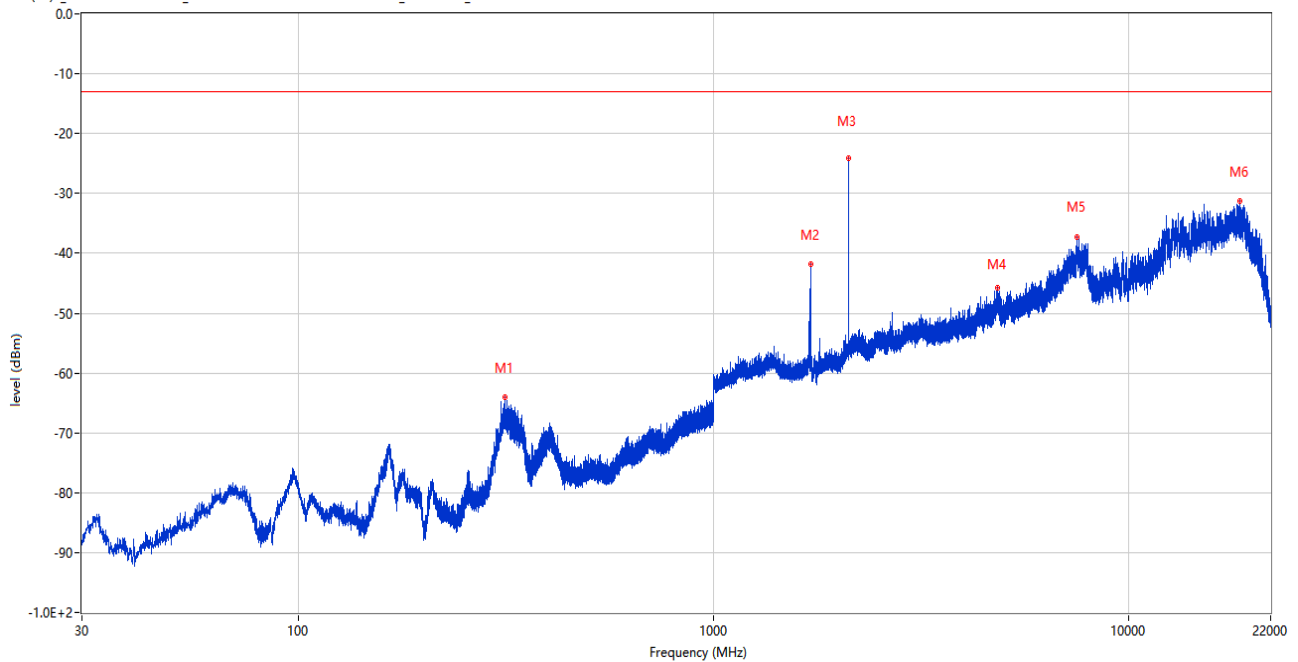


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
1350.200	-56.25	-4.31	-13.0	43.25	15.00	Vertical	Vertical	Pass
1832.500	-48.46	-4.21	-13.0	35.46	293.00	Vertical	Vertical	Pass
1989.000	-35.07	-4.43	-13.0	22.07	196.00	Vertical	Vertical	N/A
4851.500	-45.92	7.67	-13.0	32.92	268.00	Vertical	Vertical	Pass
7875.000	-37.62	17.10	-13.0	24.62	132.00	Vertical	Vertical	Pass
18922.287	-30.85	24.03	-13.0	17.85	135.00	Vertical	Vertical	Pass

3.2 WCDMA Band 4

Band:WCDMA B4,Channel:Low range

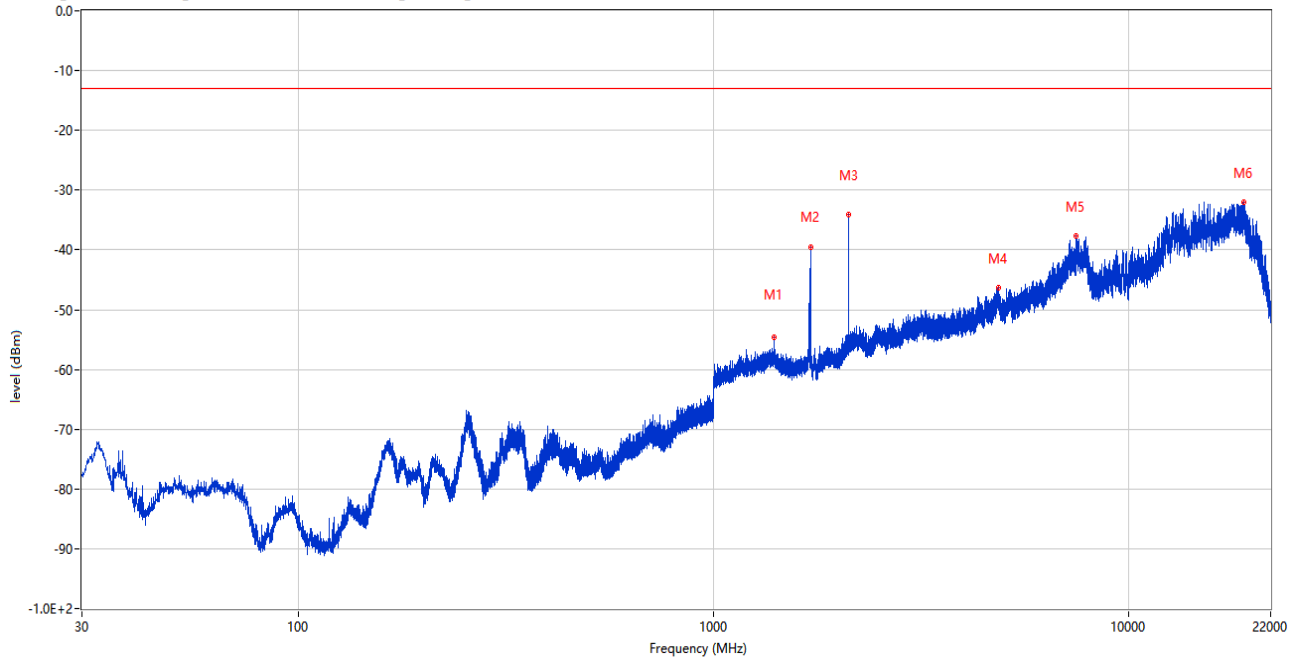
RSE (RF) _FCC PART22&24&27_WCDMA Band 4 & LTE Band 4 & 66 _1710-1785_30MHz-20GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
314.307	-64.04	-12.81	-13.0	51.04	124.00	Horizontal	Vertical	Pass
1714.000	-41.82	-4.00	-13.0	28.82	212.00	Horizontal	Vertical	N/A
2111.300	-24.17	-1.69	-13.0	11.17	127.00	Horizontal	Vertical	N/A
4832.750	-45.67	7.60	-13.0	32.67	209.00	Horizontal	Vertical	Pass
7525.000	-37.25	16.13	-13.0	24.25	93.00	Horizontal	Vertical	Pass
18562.238	-31.33	24.38	-13.0	18.33	129.00	Horizontal	Vertical	Pass

Band:WCDMA B4,Channel:Low range

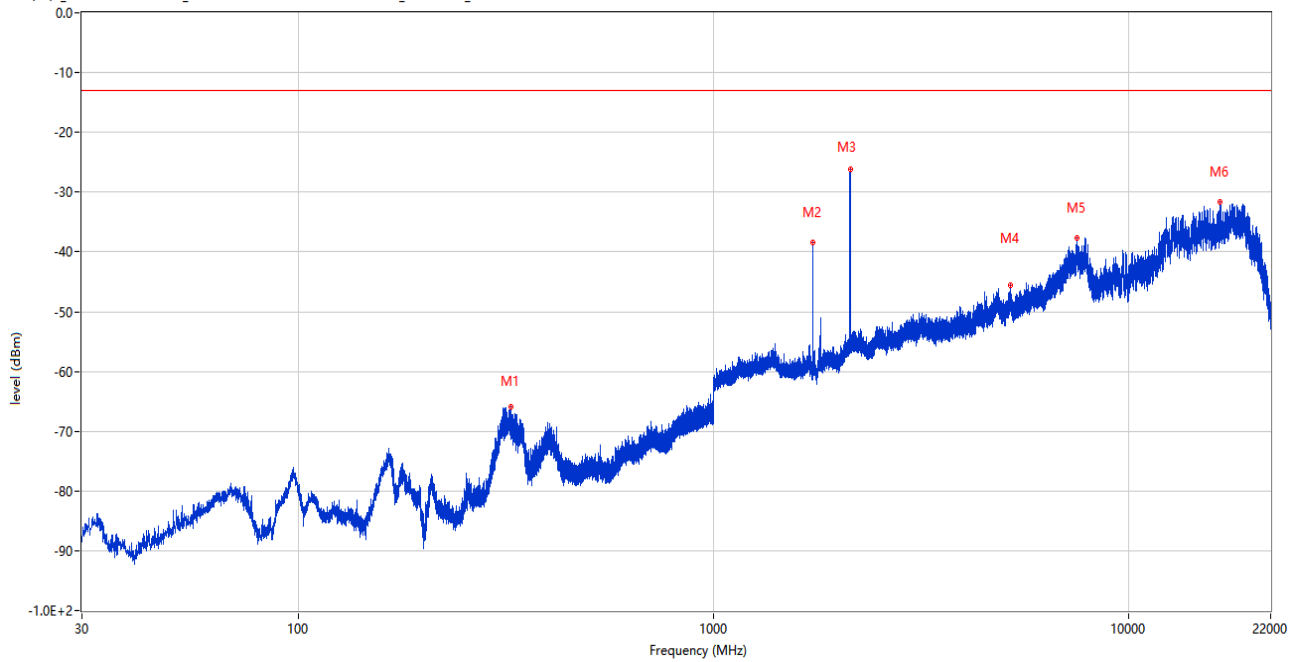
RSE (RF) _ FCC PART22&24&27 _WCDMA Band 4 & LTE Band 4 & 66 _1710-1785_30MHz-20GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
1399.300	-54.62	-3.81	-13.0	41.62	292.00	Vertical	Vertical	Pass
1714.000	-39.48	-4.00	-13.0	26.48	69.00	Vertical	Vertical	N/A
2112.400	-34.07	-1.66	-13.0	21.07	182.00	Vertical	Vertical	N/A
4851.750	-46.36	7.67	-13.0	33.36	152.00	Vertical	Vertical	Pass
7486.250	-37.71	16.74	-13.0	24.71	152.00	Vertical	Vertical	Pass
18935.937	-32.07	24.02	-13.0	19.07	360.00	Vertical	Vertical	Pass

Band:WCDMA B4,Channel:MID range

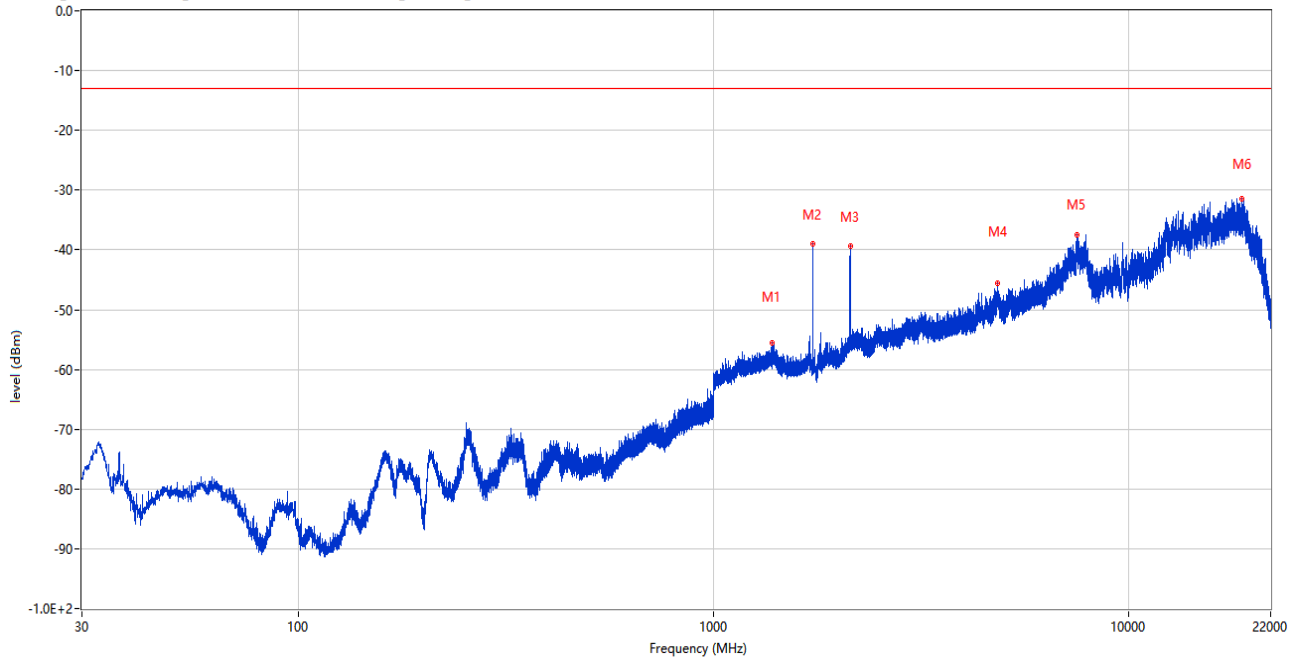
RSE (RF) _FCC PART22&24&27_WCDMA Band 4 & LTE Band 4 & 66 _1710-1785_30MHz-20GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
323.764	-65.95	-12.91	-13.0	52.95	131.00	Horizontal	Vertical	Pass
1733.800	-38.34	-4.08	-13.0	25.34	178.00	Horizontal	Vertical	N/A
2132.700	-26.20	-1.55	-13.0	13.20	104.00	Horizontal	Vertical	N/A
5188.000	-45.58	8.61	-13.0	32.58	16.00	Horizontal	Vertical	Pass
7495.000	-37.67	16.76	-13.0	24.67	191.00	Horizontal	Vertical	Pass
16564.238	-31.65	23.65	-13.0	18.65	217.00	Horizontal	Vertical	Pass

Band:WCDMA B4,Channel:MID range

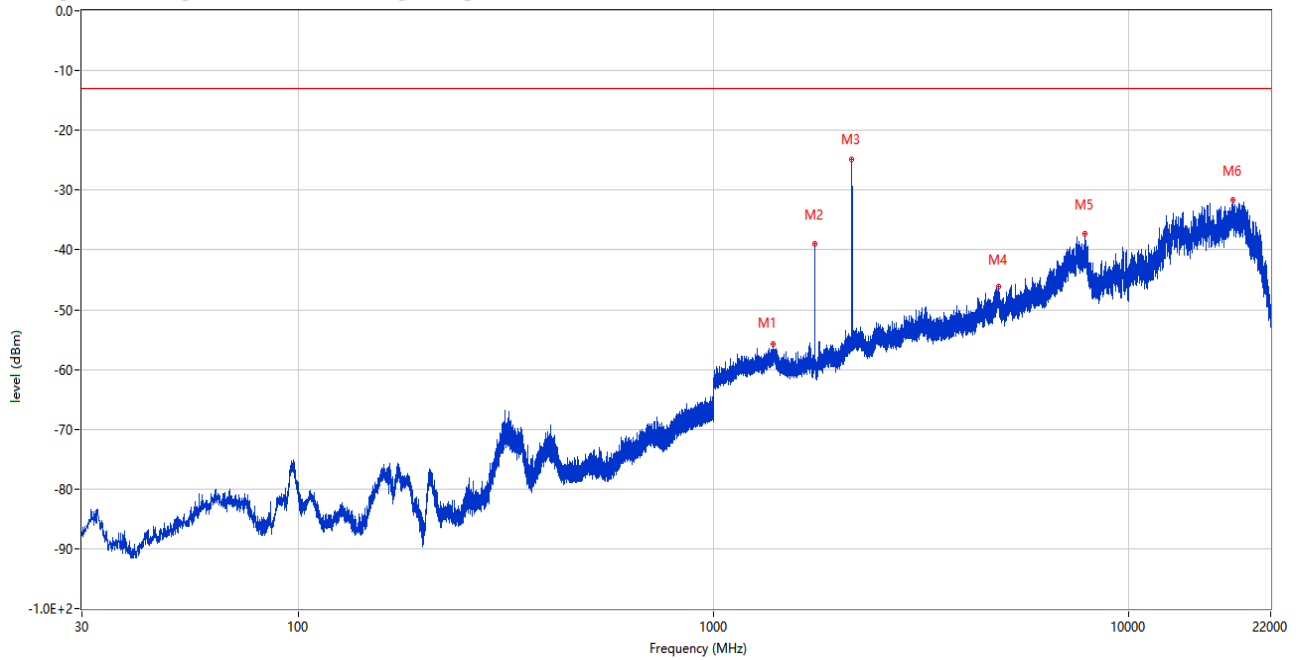
RSE (RF) _ FCC PART22&24&27 _ WCDMA Band 4 & LTE Band 4 & 66 _ 1710-1785_30MHz-20GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
1385.900	-55.49	-4.02	-13.0	42.49	59.00	Vertical	Vertical	Pass
1734.100	-39.07	-4.08	-13.0	26.07	71.00	Vertical	Vertical	N/A
2132.500	-39.43	-1.56	-13.0	26.43	21.00	Vertical	Vertical	N/A
4842.000	-45.53	7.61	-13.0	32.53	0.00	Vertical	Vertical	Pass
7495.000	-37.41	16.76	-13.0	24.41	20.00	Vertical	Vertical	Pass
18741.225	-31.36	24.21	-13.0	18.36	253.00	Vertical	Vertical	Pass

Band:WCDMA B4,Channel:HIGH range

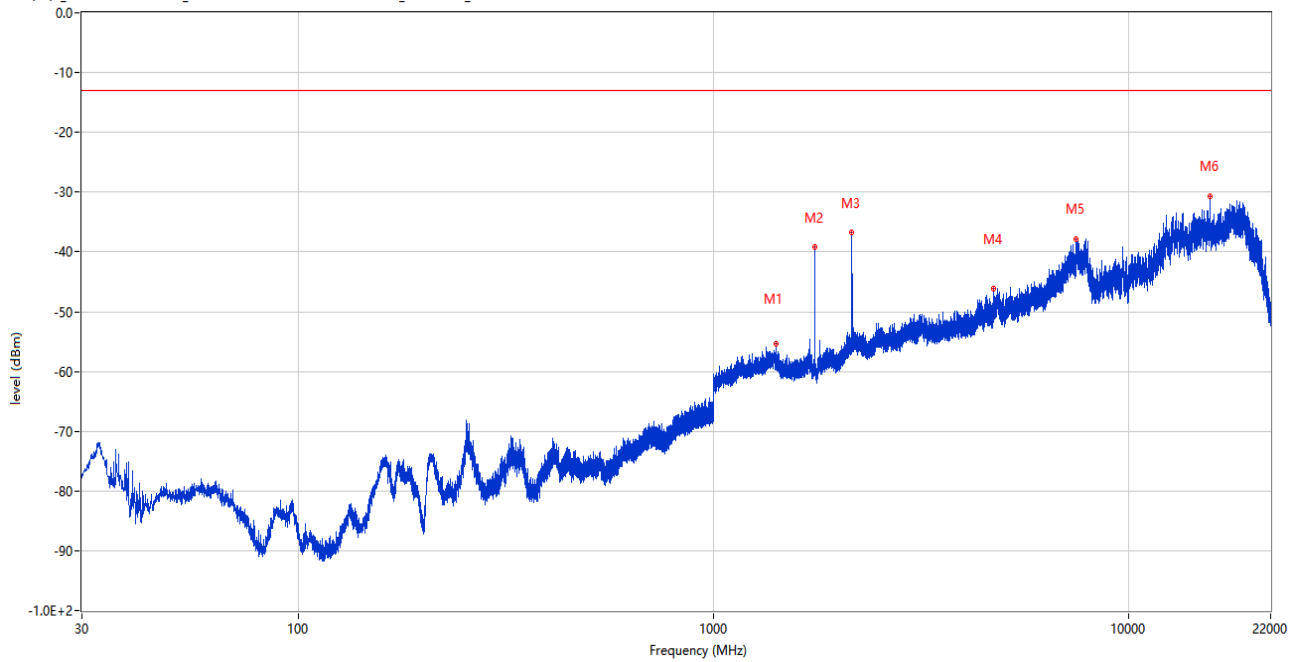
RSE (RF) _FCC PART22&24&27_WCDMA Band 4 & LTE Band 4 & 66 _1710-1785_30MHz-20GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
1394.100	-55.82	-3.87	-13.0	42.82	119.00	Horizontal	Vertical	Pass
1753.900	-39.05	-4.18	-13.0	26.05	182.00	Horizontal	Vertical	N/A
2153.400	-24.79	-1.19	-13.0	11.79	132.00	Horizontal	Vertical	N/A
4850.500	-46.15	7.64	-13.0	33.15	19.00	Horizontal	Vertical	Pass
7859.750	-37.31	16.62	-13.0	24.31	142.00	Horizontal	Vertical	Pass
17886.988	-31.67	25.57	-13.0	18.67	60.00	Horizontal	Vertical	Pass

Band:WCDMA B4,Channel:HIGH range

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

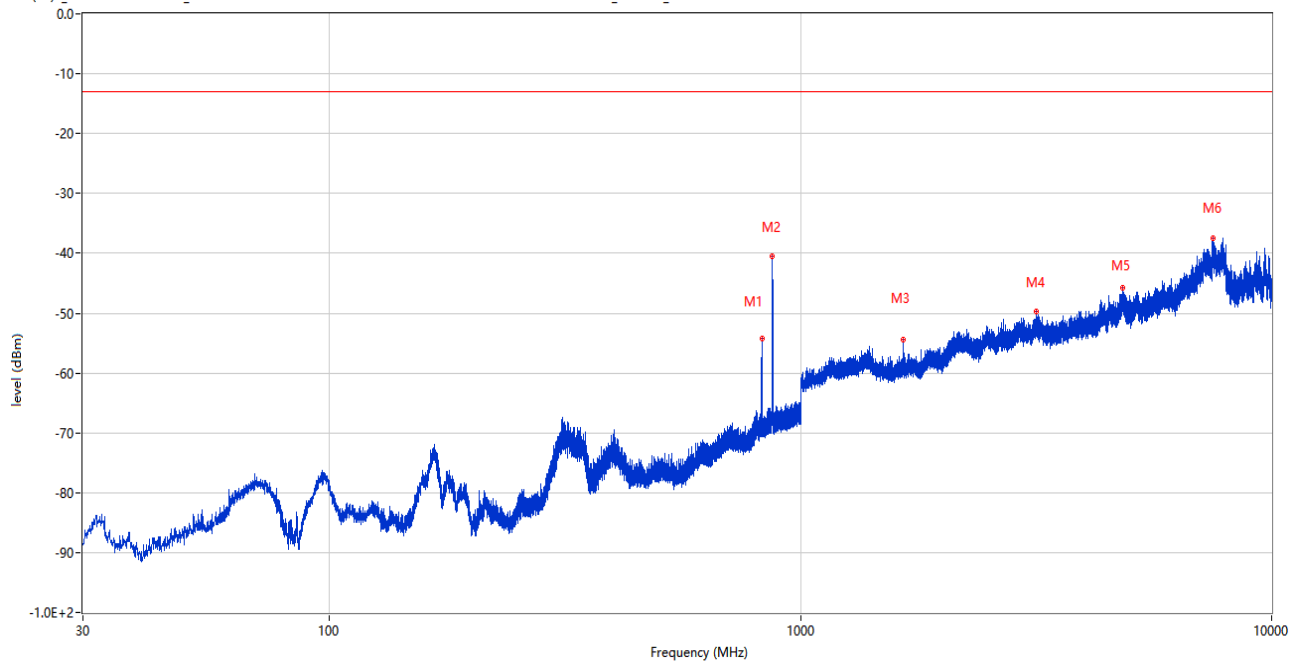


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
1417.300	-55.38	-4.65	-13.0	42.38	67.00	Vertical	Vertical	Pass
1753.800	-39.25	-4.18	-13.0	26.25	79.00	Vertical	Vertical	N/A
2151.300	-36.75	-1.24	-13.0	23.75	184.00	Vertical	Vertical	N/A
4733.500	-46.10	7.51	-13.0	33.10	146.00	Vertical	Vertical	Pass
7488.750	-37.85	16.81	-13.0	24.85	216.00	Vertical	Vertical	Pass
15701.675	-30.61	24.21	-13.0	17.61	63.00	Vertical	Vertical	Pass

3.3 WCDMA Band 5

Band:WCDMA B5,Channel:Low range

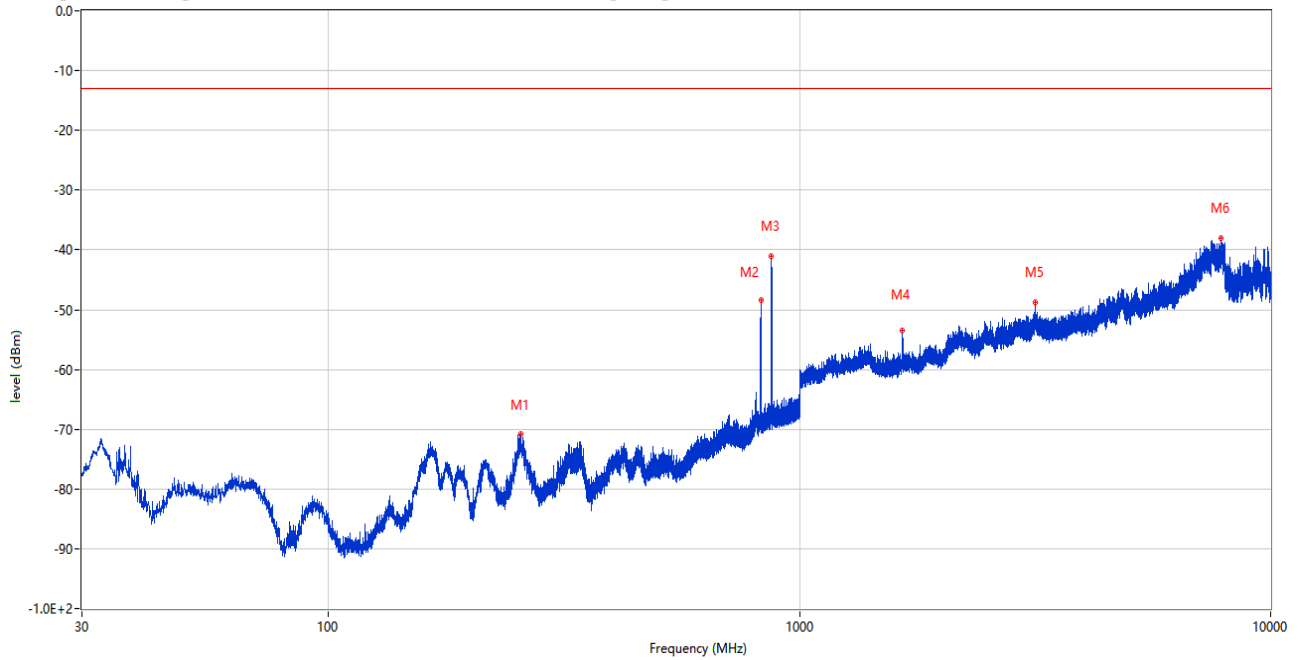
RSE (RF) _FCC PART22&24&27_GSM 850 & CDMA BC0 & WCDMA Band5 & LTE Band 5 & 26 & 18 & 19_814-849_30MHz-10GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
828.019	-54.24	2.03	-13.0	41.24	12.00	Horizontal	Vertical	N/A
869.535	-40.51	2.11	-13.0	27.51	285.00	Horizontal	Vertical	N/A
1654.900	-54.51	-5.51	-13.0	41.51	261.00	Horizontal	Vertical	Pass
3165.250	-49.65	5.43	-13.0	36.65	118.00	Horizontal	Vertical	Pass
4822.000	-45.77	7.70	-13.0	32.77	167.00	Horizontal	Vertical	Pass
7494.750	-37.46	16.77	-13.0	24.46	187.00	Horizontal	Vertical	Pass

Band:WCDMA B5,Channel:Low range

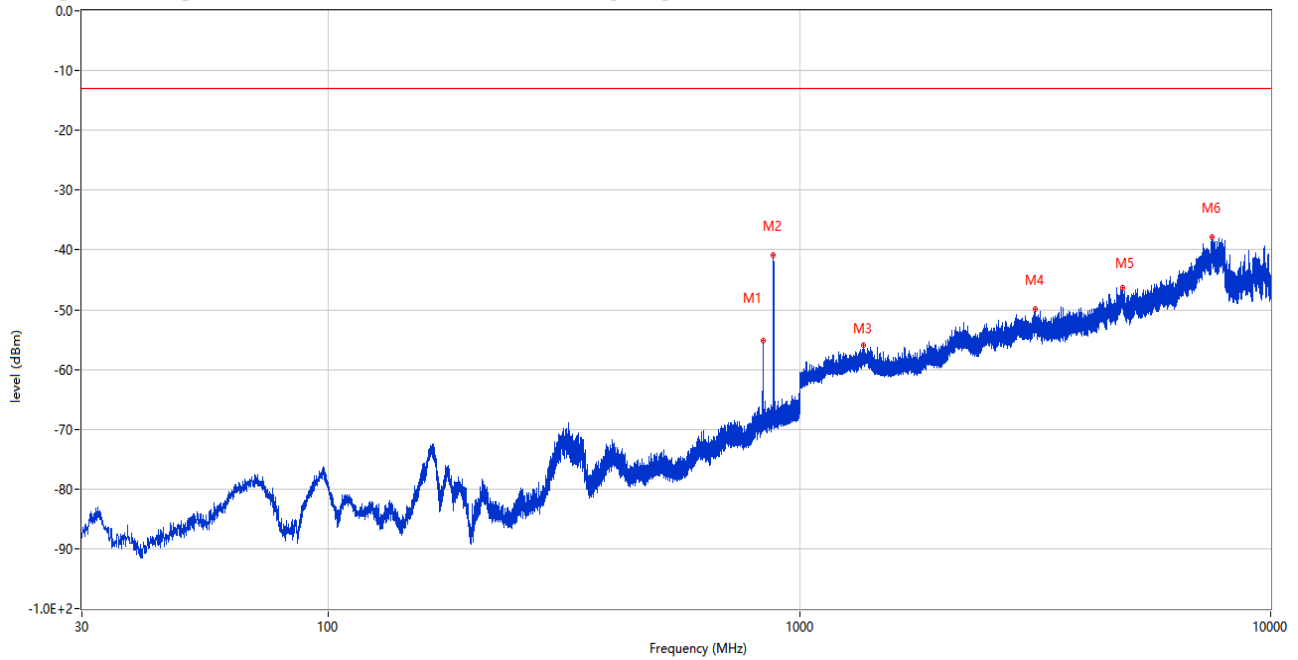
RSE (RF) _ FCC PART22&24&27_GSM 850 & CDMA BCO & WCDMA Band5 & LTE Band 5 & 26 & 18 & 19 _814-849_30MHz-10GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
255.816	-70.88	-14.76	-13.0	57.88	149.00	Vertical	Vertical	Pass
828.164	-48.33	2.04	-13.0	35.33	360.00	Vertical	Vertical	N/A
871.184	-41.06	2.13	-13.0	28.06	135.00	Vertical	Vertical	N/A
1651.800	-53.42	-5.49	-13.0	40.42	71.00	Vertical	Vertical	Pass
3163.750	-48.70	5.38	-13.0	35.70	88.00	Vertical	Vertical	Pass
7861.500	-37.95	16.74	-13.0	24.95	201.00	Vertical	Vertical	Pass

Band:WCDMA B5,Channel:MID range

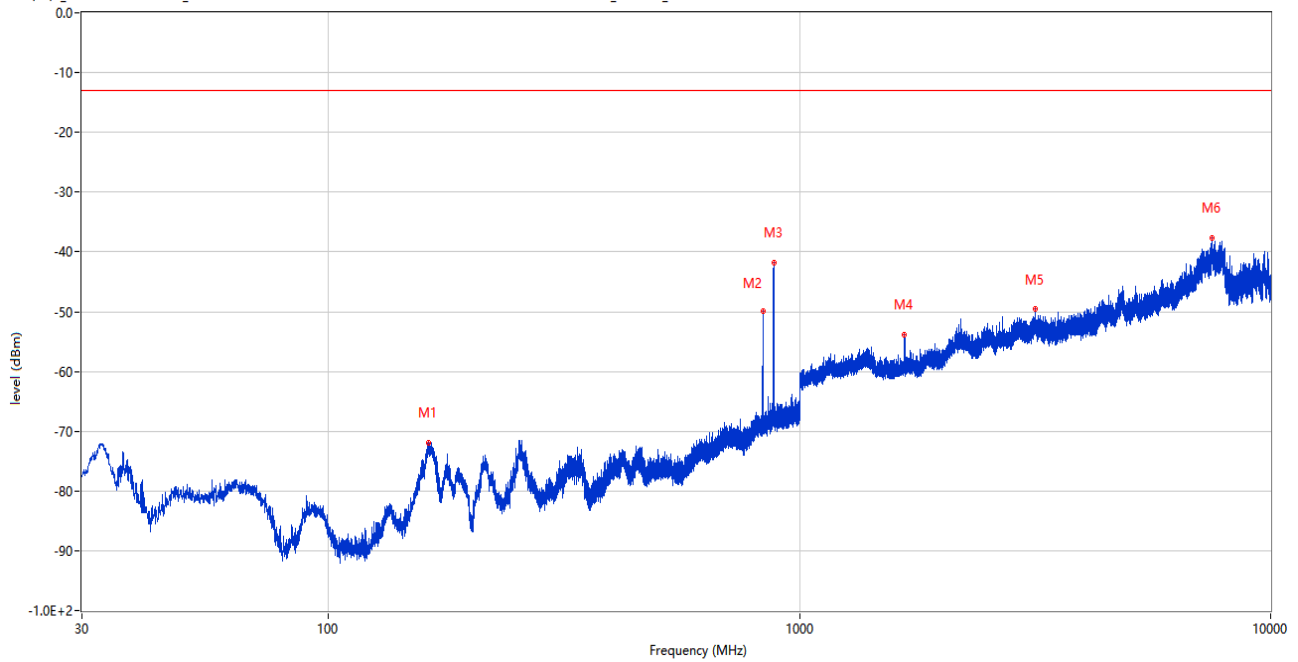
RSE (RF) _FCC PART22&24&27_GSM 850 & CDMA BCO & WCDMA Band5 & LTE Band 5 & 26 & 18 & 19 _814-849_30MHz-10GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
837.622	-55.16	2.23	-13.0	42.16	32.00	Horizontal	Vertical	N/A
880.496	-40.96	2.45	-13.0	27.96	289.00	Horizontal	Vertical	N/A
1364.100	-55.94	-4.36	-13.0	42.94	39.00	Horizontal	Vertical	Pass
3165.750	-49.94	5.44	-13.0	36.94	356.00	Horizontal	Vertical	Pass
4841.000	-46.27	7.67	-13.0	33.27	150.00	Horizontal	Vertical	Pass
7527.750	-37.90	16.24	-13.0	24.90	356.00	Horizontal	Vertical	Pass

Band:WCDMA B5,Channel:MID range

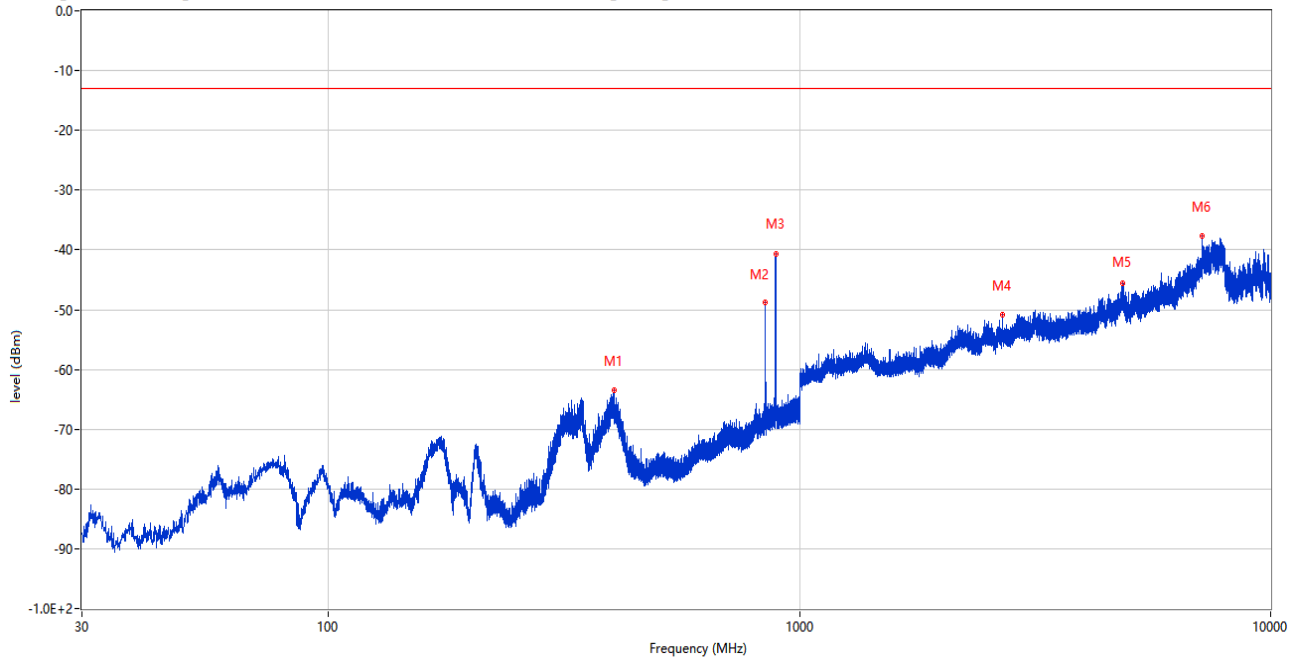
RSE (RF) _FCC PART22&24&27_GSM 850 & CDMA BCO & WCDMA Band5 & LTE Band 5 & 26 & 18 & 19 _814-849_30MHz-10GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
163.327	-71.91	-15.93	-13.0	58.91	141.00	Vertical	Vertical	Pass
837.913	-49.98	2.23	-13.0	36.98	171.00	Vertical	Vertical	N/A
882.533	-41.81	2.43	-13.0	28.81	160.00	Vertical	Vertical	N/A
1671.300	-53.87	-5.02	-13.0	40.87	76.00	Vertical	Vertical	Pass
3170.000	-49.57	5.52	-13.0	36.57	136.00	Vertical	Vertical	Pass
7501.500	-37.63	16.37	-13.0	24.63	117.00	Vertical	Vertical	Pass

Band:WCDMA B5,Channel:HIGH range

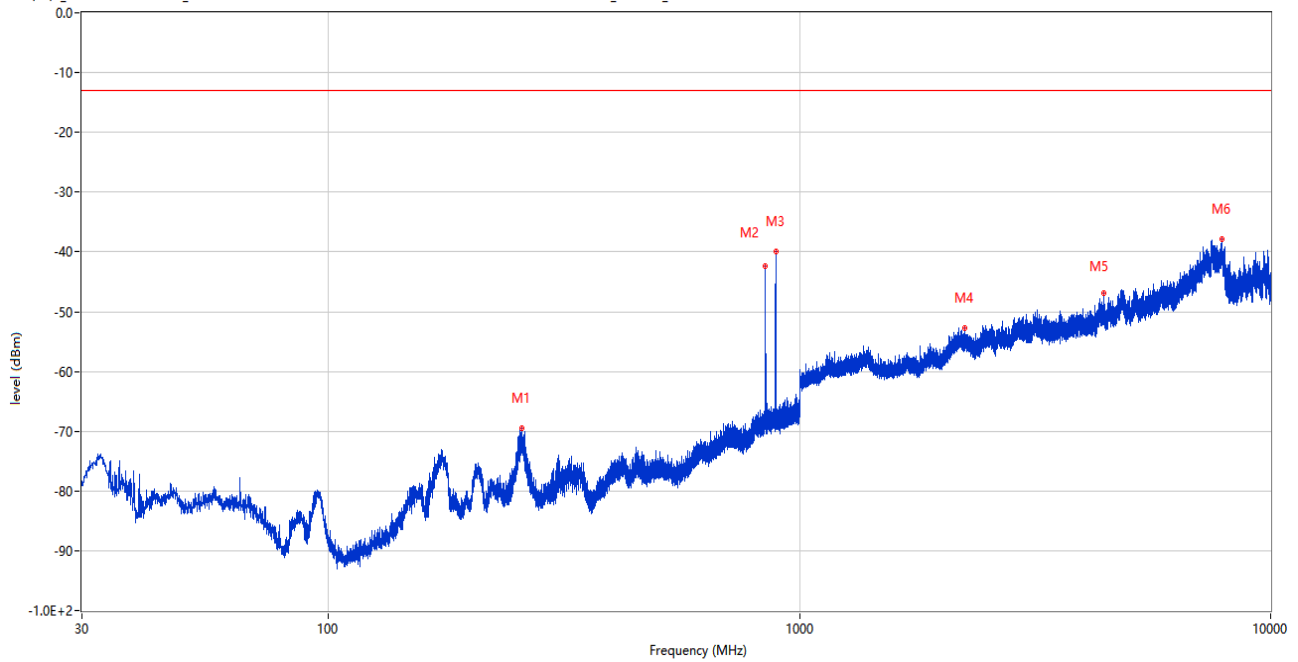
RSE (RF) _FCC PART22&24&27_GSM 850 & CDMA BCO & WCDMA Band5 & LTE Band 5 & 26 & 18 & 19 _814-849_30MHz-10GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
404.274	-63.53	-8.90	-13.0	50.53	294.00	Horizontal	Vertical	Pass
846.304	-48.86	2.37	-13.0	35.86	318.00	Horizontal	Vertical	N/A
890.002	-40.68	2.34	-13.0	27.68	203.00	Horizontal	Vertical	N/A
2700.500	-50.92	1.48	-13.0	37.92	32.00	Horizontal	Vertical	Pass
4843.750	-45.63	7.55	-13.0	32.63	214.00	Horizontal	Vertical	Pass
7162.750	-37.74	14.77	-13.0	24.74	0.00	Horizontal	Vertical	Pass

Band:WCDMA B5,Channel:HIGH range

RSE (RF) _FCC PART22&24&27_GSM 850 & CDMA BCO & WCDMA Band5 & LTE Band 5 & 26 & 18 & 19 _814-849_30MHz-10GHz



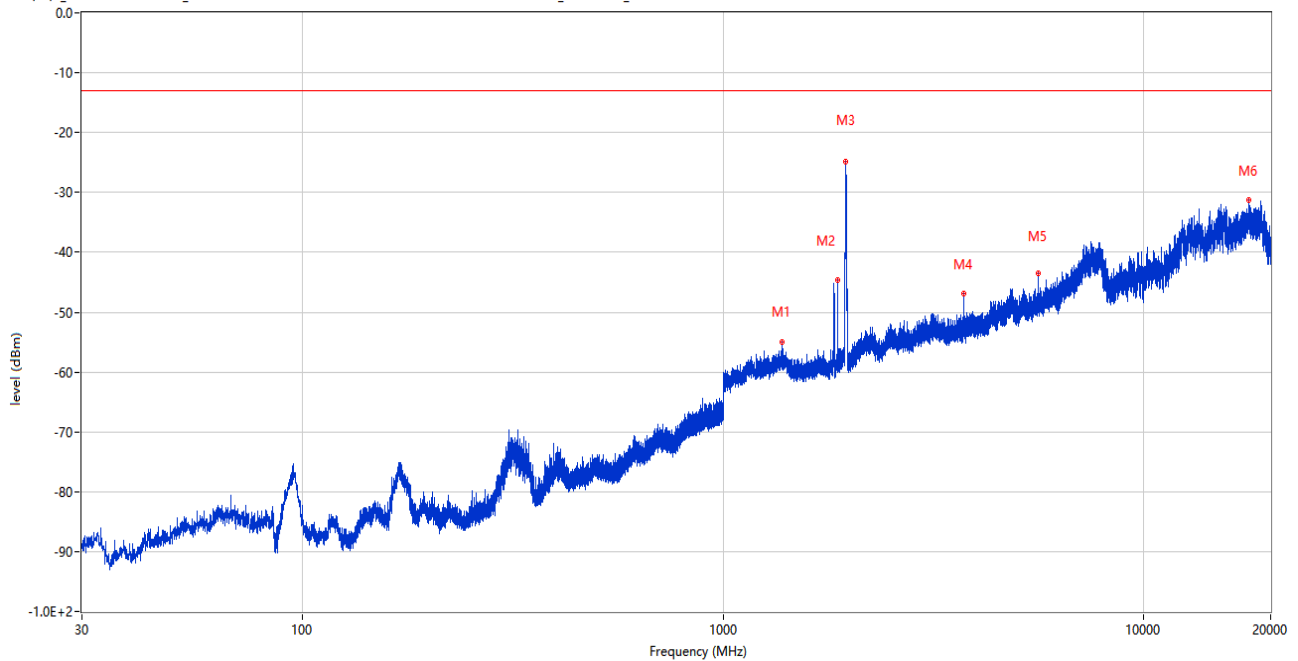
Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
256.980	-69.40	-14.71	-13.0	56.40	113.00	Vertical	Vertical	Pass
846.352	-42.37	2.37	-13.0	29.37	172.00	Vertical	Vertical	N/A
893.009	-39.88	2.27	-13.0	26.88	152.00	Vertical	Vertical	N/A
2238.600	-52.77	-0.35	-13.0	39.77	0.00	Vertical	Vertical	Pass
4433.000	-46.93	5.73	-13.0	33.93	174.00	Vertical	Vertical	Pass
7872.250	-37.79	17.07	-13.0	24.79	15.00	Vertical	Vertical	Pass

4. LTE

4.1 LTE Band 2

BAND:LTE B2,Channel:Mid range,BW:20M

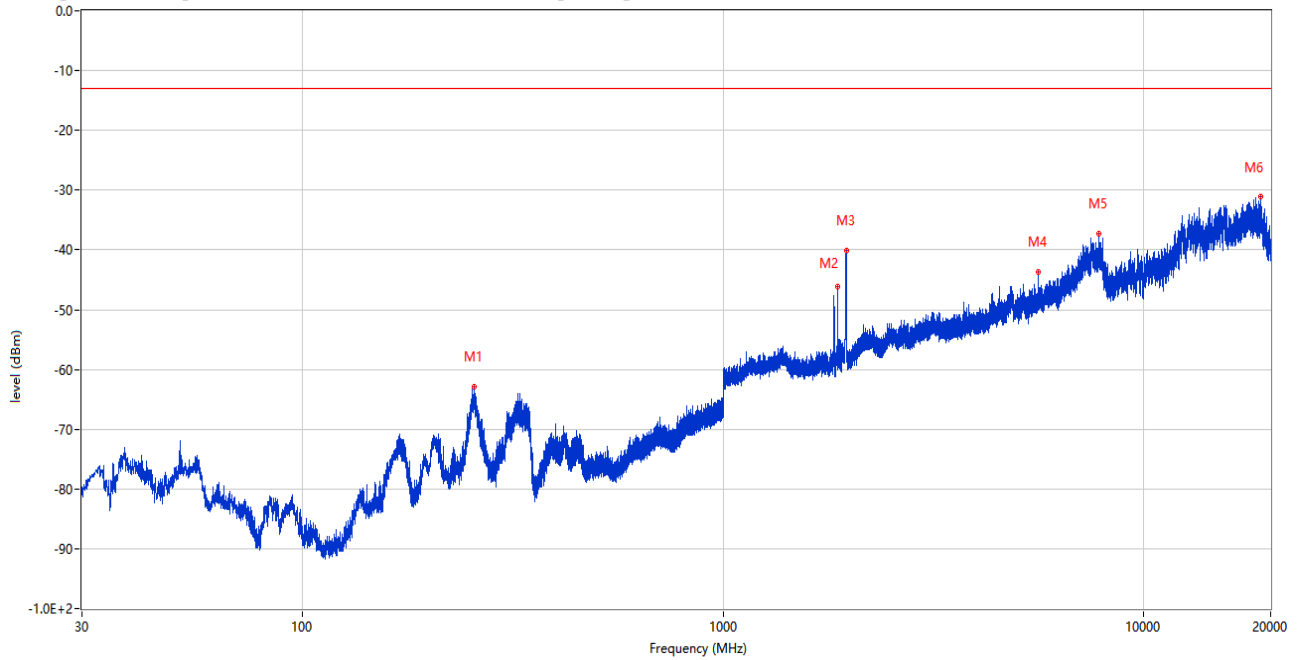
RSE (RF) _FCC PART22&24&27_GSM 1900 & CDMA BC1 & WCDMA Band 2 & LTE Band 2 & 25 _1830-1920_30MHz-20GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
1378.800	-54.95	-4.06	-13.0	41.95	150.00	Horizontal	Vertical	Pass
1871.300	-44.60	-3.16	-13.0	31.60	175.00	Horizontal	Vertical	N/A
1958.900	-24.82	-4.47	-13.0	11.82	279.00	Horizontal	Vertical	N/A
3742.500	-46.96	4.66	-13.0	33.96	151.00	Horizontal	Vertical	Pass
5613.500	-43.41	7.73	-13.0	30.41	64.00	Horizontal	Vertical	Pass
17774.612	-31.27	26.13	-13.0	18.27	239.00	Horizontal	Vertical	Pass

BAND:LTE B2,Channel:Mid range,BW:20M

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

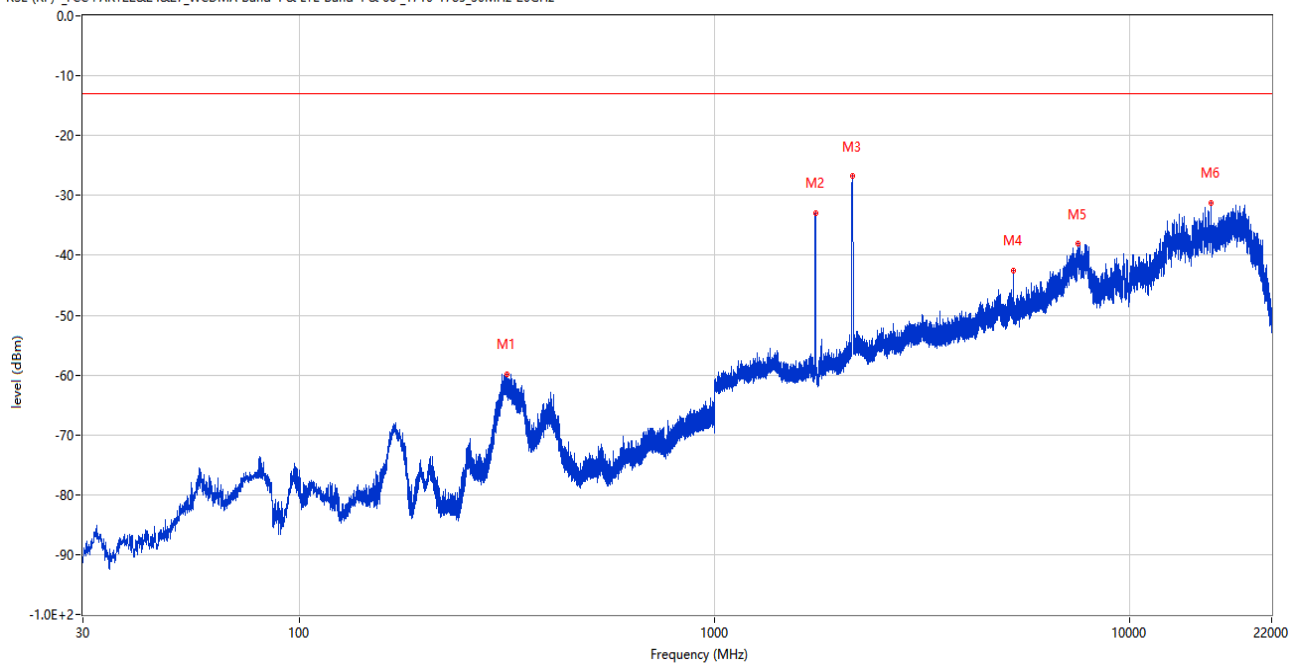


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
256.058	-62.85	-14.75	-13.0	49.85	27.00	Vertical	Vertical	Pass
1871.300	-46.16	-3.16	-13.0	33.16	290.00	Vertical	Vertical	N/A
1965.700	-40.02	-4.38	-13.0	27.02	0.00	Vertical	Vertical	N/A
5613.250	-43.64	7.73	-13.0	30.64	134.00	Vertical	Vertical	Pass
7813.250	-37.28	16.60	-13.0	24.28	281.00	Vertical	Vertical	Pass
18929.537	-31.15	24.03	-13.0	18.15	51.00	Vertical	Vertical	Pass

4.2 LTE Band 4

BAND:LTE B4,Channel:High range,BW:15M

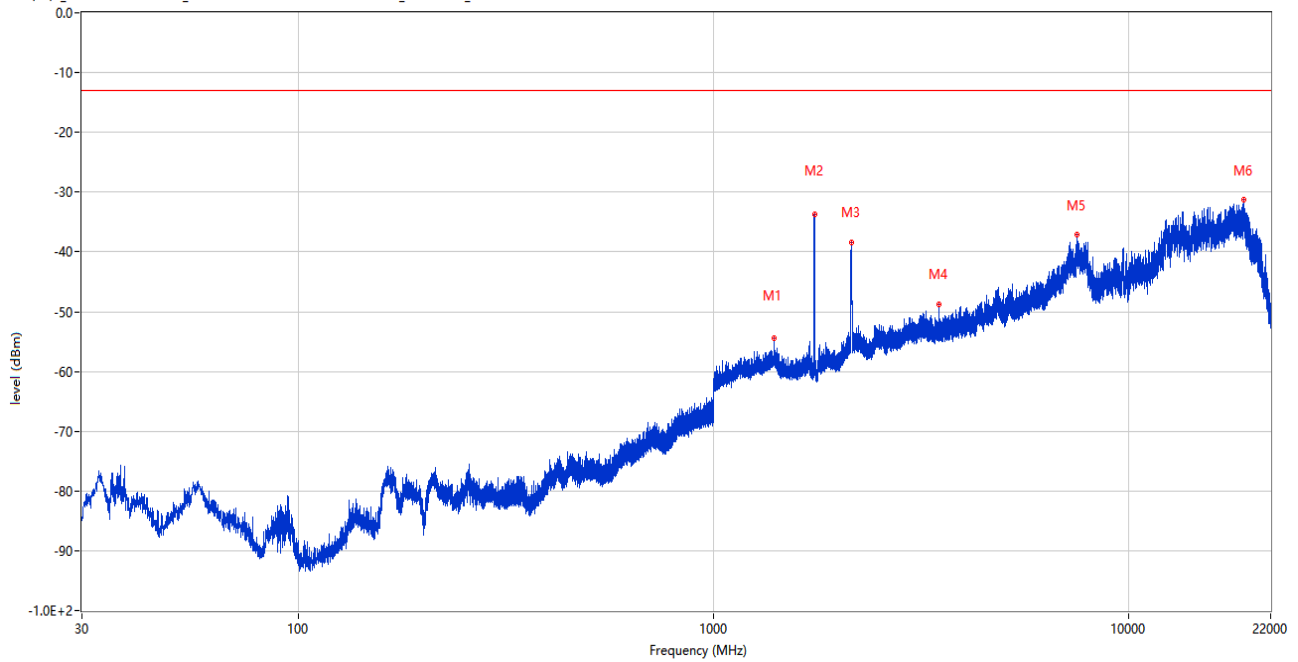
RSE (RF) _FCC PART22&24&27_WCDMA Band 4 & LTE Band 4 & 66_1710-1785_30MHz-20GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
316.198	-59.81	-12.82	-13.0	46.81	118.00	Horizontal	Vertical	Pass
1748.000	-32.97	-4.14	-13.0	19.97	181.00	Horizontal	Vertical	N/A
2151.900	-26.80	-1.22	-13.0	13.80	254.00	Horizontal	Vertical	N/A
5243.250	-42.56	6.82	-13.0	29.56	68.00	Horizontal	Vertical	Pass
7492.250	-38.09	16.76	-13.0	25.09	0.00	Horizontal	Vertical	Pass
15704.450	-31.25	24.14	-13.0	18.25	216.00	Horizontal	Vertical	Pass

BAND:LTE B4,Channel:High range,BW:15M

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

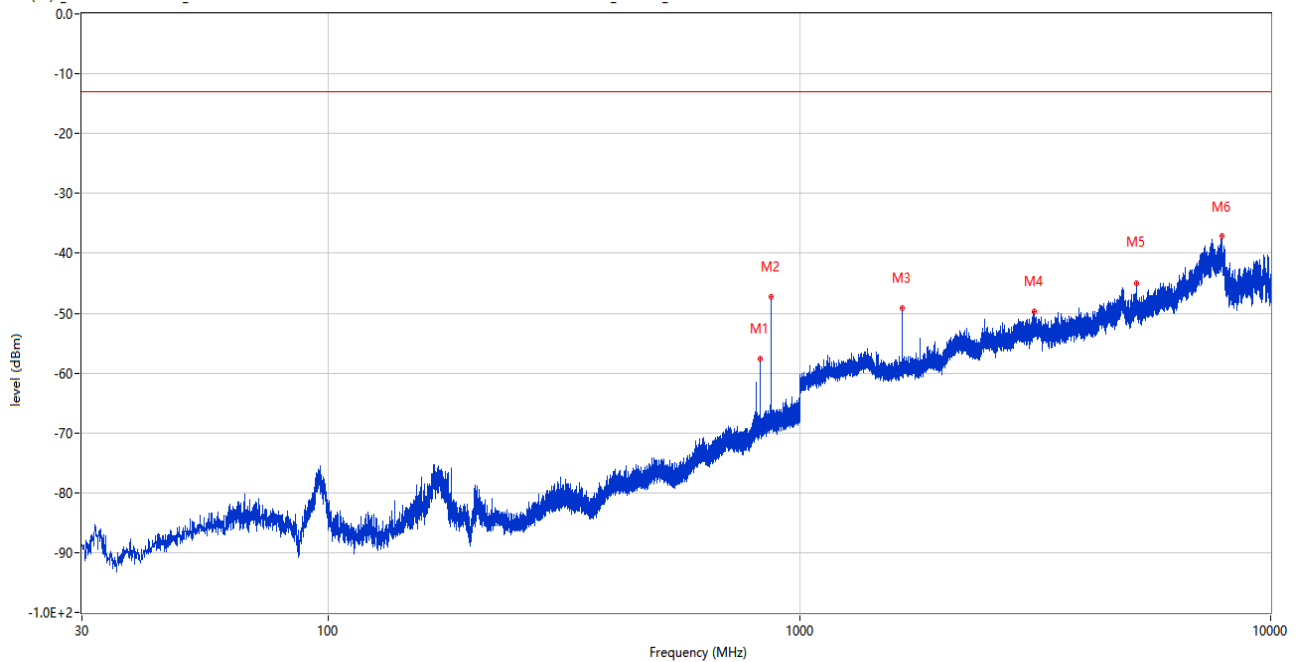


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
1401.600	-54.51	-3.90	-13.0	41.51	247.00	Vertical	Vertical	Pass
1747.900	-33.66	-4.14	-13.0	20.66	85.00	Vertical	Vertical	N/A
2151.500	-38.35	-1.23	-13.0	25.35	191.00	Vertical	Vertical	N/A
3495.750	-48.75	3.62	-13.0	35.75	214.00	Vertical	Vertical	Pass
7501.750	-37.15	16.35	-13.0	24.15	103.00	Vertical	Vertical	Pass
18929.463	-31.30	24.03	-13.0	18.30	223.00	Vertical	Vertical	Pass

4.3 LTE Band 5

BAND:LTE B5,Channel:Low range,BW:1.4M

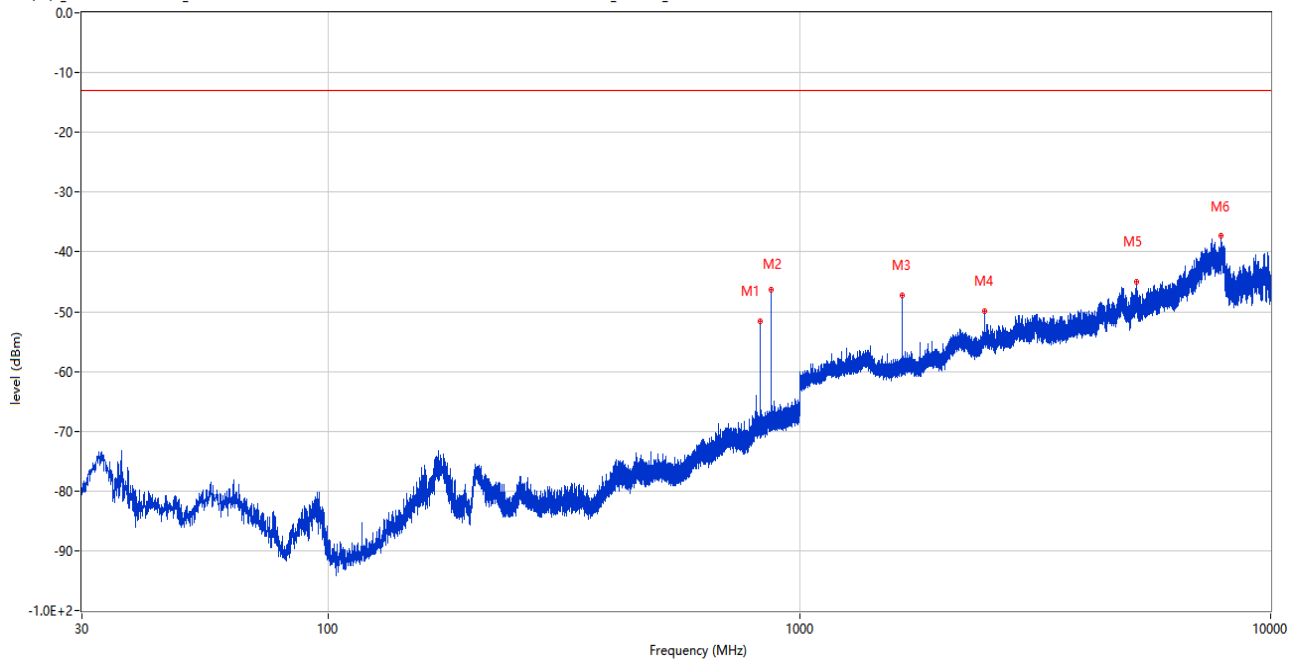
RSE (RF) _FCC PART22&24&27_GSM 850 & CDMA BC0 & WCDMA Band5 & LTE Band 5 & 26 & 18 & 19_814-849_30MHz-10GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
824.866	-57.58	1.97	-13.0	44.58	360.00	Horizontal	Vertical	N/A
869.487	-47.21	2.11	-13.0	34.21	282.00	Horizontal	Vertical	N/A
1649.900	-49.12	-5.53	-13.0	36.12	351.00	Horizontal	Vertical	Pass
3145.000	-49.64	4.48	-13.0	36.64	112.00	Horizontal	Vertical	Pass
5194.750	-45.07	8.62	-13.0	32.07	358.00	Horizontal	Vertical	Pass
7876.750	-37.13	17.14	-13.0	24.13	152.00	Horizontal	Vertical	Pass

BAND:LTE B5,Channel:Low range,BW:1.4M

RSE (RF) _FCC PART22&24&27_GSM 850 & CDMA BCO & WCDMA Band5 & LTE Band 5 & 26 & 18 & 19 _814-849_30MHz-10GHz

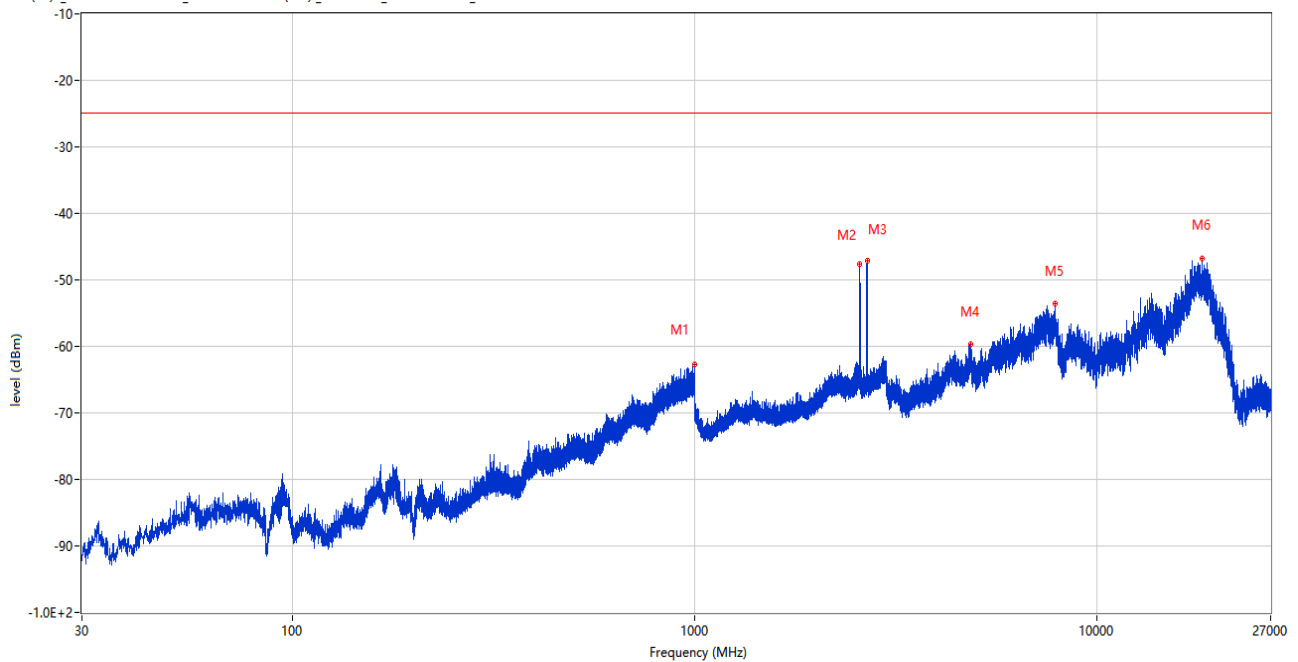


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
824.818	-51.53	1.97	-13.0	38.53	360.00	Vertical	Vertical	N/A
870.214	-46.32	2.11	-13.0	33.32	125.00	Vertical	Vertical	N/A
1649.800	-47.22	-5.53	-13.0	34.22	165.00	Vertical	Vertical	Pass
2474.900	-49.81	0.35	-13.0	36.81	34.00	Vertical	Vertical	Pass
5195.000	-45.09	8.62	-13.0	32.09	327.00	Vertical	Vertical	Pass
7859.250	-37.35	16.58	-13.0	24.35	348.00	Vertical	Vertical	Pass

4.4 LTE Band 7

BAND:LTE B7,Channel:High range,BW:15M

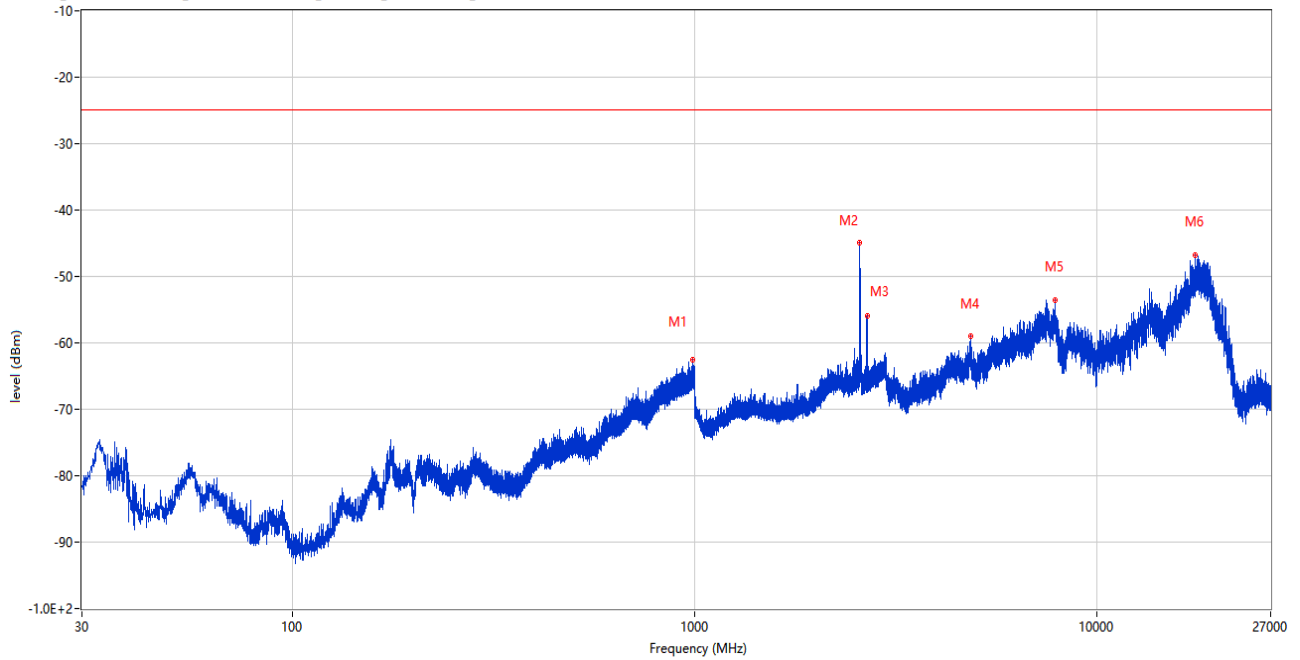
RSE (RF) _FCC PART22&24&27_LTE Band 7 & 41(low) _2496-2570_30MHz-27GHz_



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
997.526	-62.77	5.47	-25.0	37.77	267.00	Horizontal	Vertical	Pass
2562.800	-47.69	-9.45	-25.0	22.69	44.00	Horizontal	Vertical	N/A
2688.700	-47.16	-10.43	-25.0	22.16	241.00	Horizontal	Vertical	N/A
4856.250	-59.68	-6.00	-25.0	34.68	259.00	Horizontal	Vertical	Pass
7857.000	-53.60	0.93	-25.0	28.60	188.00	Horizontal	Vertical	Pass
18265.950	-46.76	9.39	-25.0	21.76	34.00	Horizontal	Vertical	Pass

BAND:LTE B7,Channel:High range,BW:15M

RSE (RF) _FCC PART22&24&27_LTE Band 7 & 41(low) _2496-2570_30MHz-27GHz_

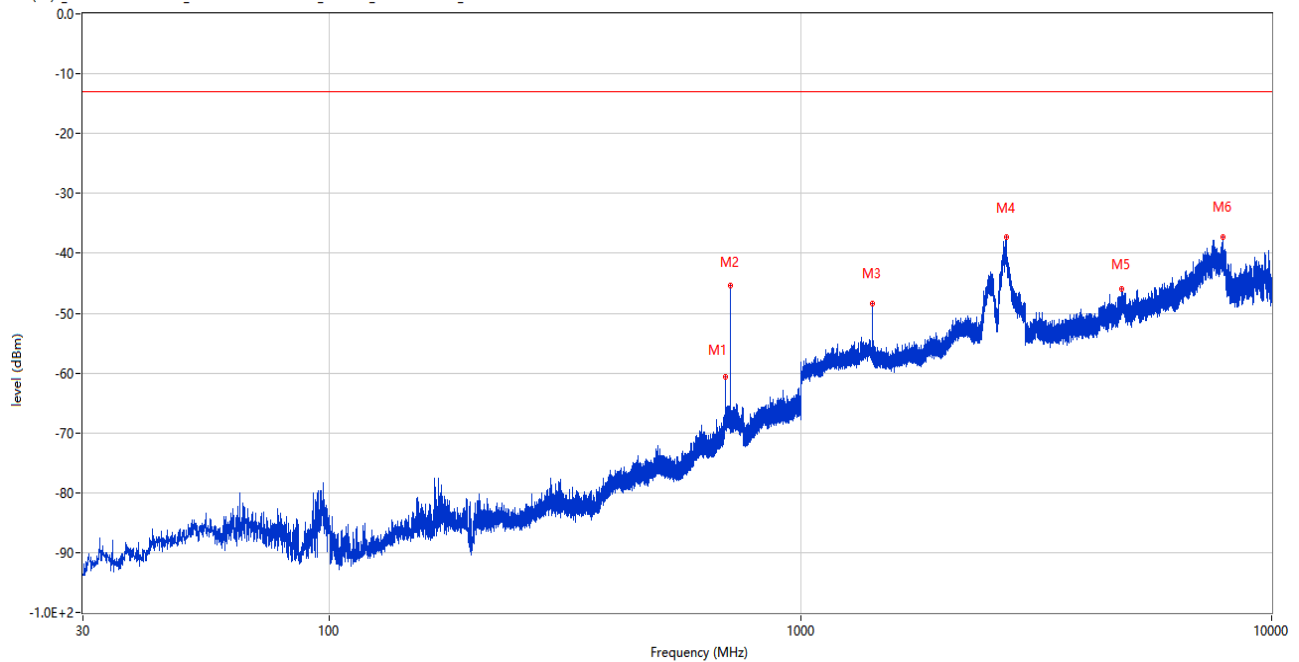


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
986.808	-62.52	5.14	-25.0	37.52	220.00	Vertical	Vertical	Pass
2563.000	-44.83	-9.45	-25.0	19.83	339.00	Vertical	Vertical	N/A
2686.000	-55.99	-10.62	-25.0	30.99	208.00	Vertical	Vertical	N/A
4842.000	-59.05	-6.18	-25.0	34.05	36.00	Vertical	Vertical	Pass
7862.500	-53.51	1.10	-25.0	28.51	280.00	Vertical	Vertical	Pass
17515.950	-46.74	10.66	-25.0	21.74	116.00	Vertical	Vertical	Pass

4.5 LTE Band 12

BAND:LTE B12,Channel:Mid range,BW:5M

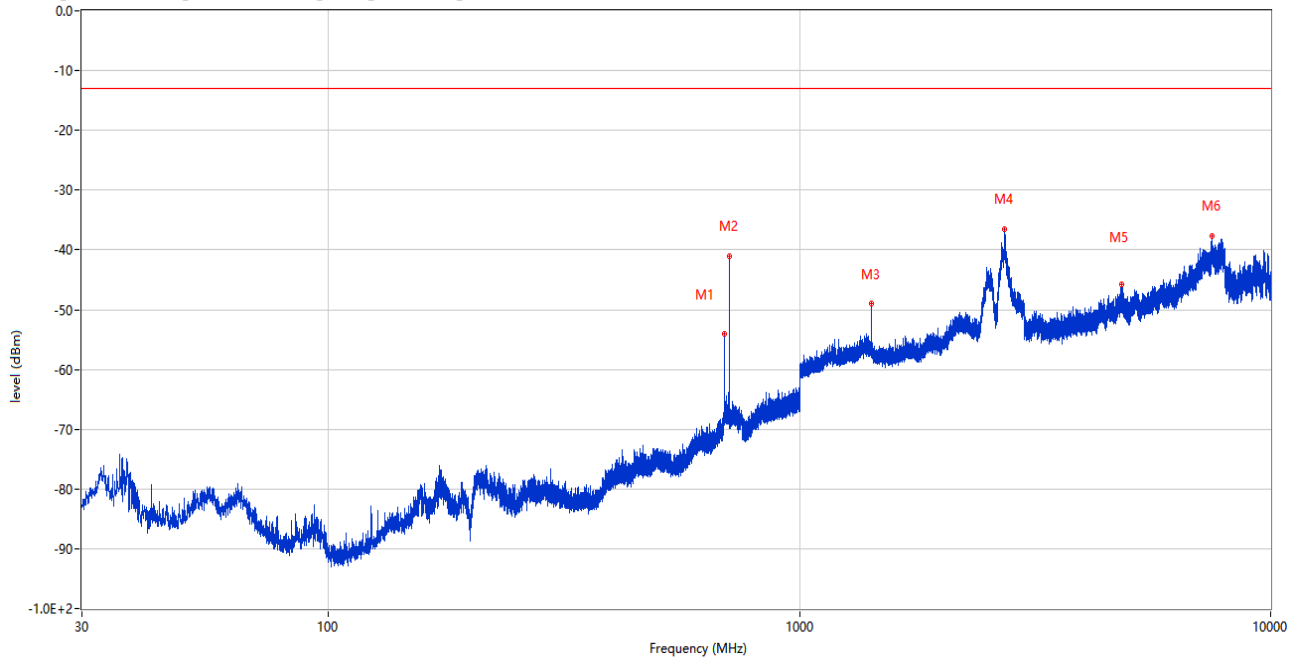
RSE (RF) _FCC PART22&24&27_LTE B12 & B17 & B28 _699-747_30MHz-10GHz_



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
692.558	-60.71	2.65	-13.0	47.71	187.00	Horizontal	Vertical	Pass
709.582	-45.31	3.20	-13.0	32.31	202.00	Horizontal	Vertical	N/A
1419.700	-48.37	-2.84	-13.0	35.37	177.00	Horizontal	Vertical	Pass
2732.700	-37.35	19.32	-13.0	24.35	252.00	Horizontal	Vertical	Pass
4817.000	-46.02	7.76	-13.0	33.02	360.00	Horizontal	Vertical	Pass
7870.500	-37.22	17.05	-13.0	24.22	296.00	Horizontal	Vertical	Pass

BAND:LTE B12,Channel:Mid range,BW:5M

RSE (RF) _FCC PART22&24&27_LTE B12 & B17 & B28 _699-747_30MHz-10GHz_

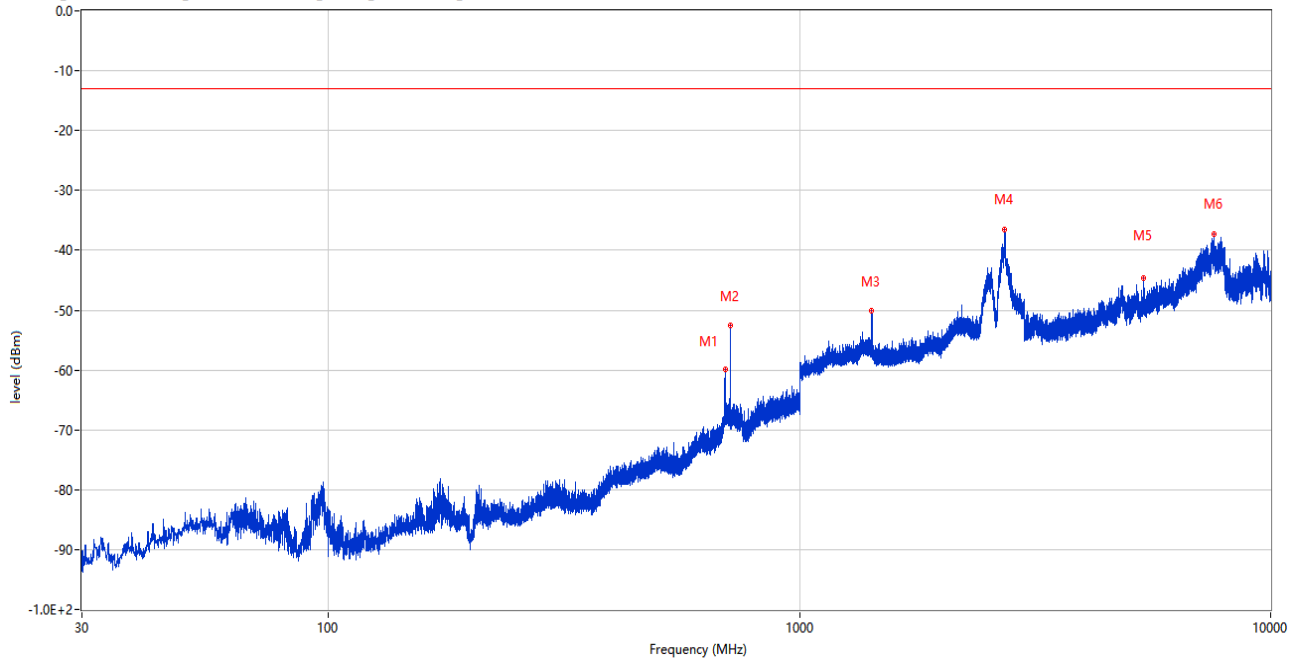


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
692.655	-54.10	2.72	-13.0	41.10	114.00	Vertical	Vertical	Pass
709.679	-41.06	3.20	-13.0	28.06	109.00	Vertical	Vertical	N/A
1419.600	-49.01	-2.83	-13.0	36.01	258.00	Vertical	Vertical	Pass
2728.900	-36.46	19.36	-13.0	23.46	251.00	Vertical	Vertical	Pass
4826.750	-45.82	7.65	-13.0	32.82	128.00	Vertical	Vertical	Pass
7503.000	-37.65	16.25	-13.0	24.65	118.00	Vertical	Vertical	Pass

4.6 LTE Band 17

BAND:LTE B17,Channel:Mid range,BW:5M

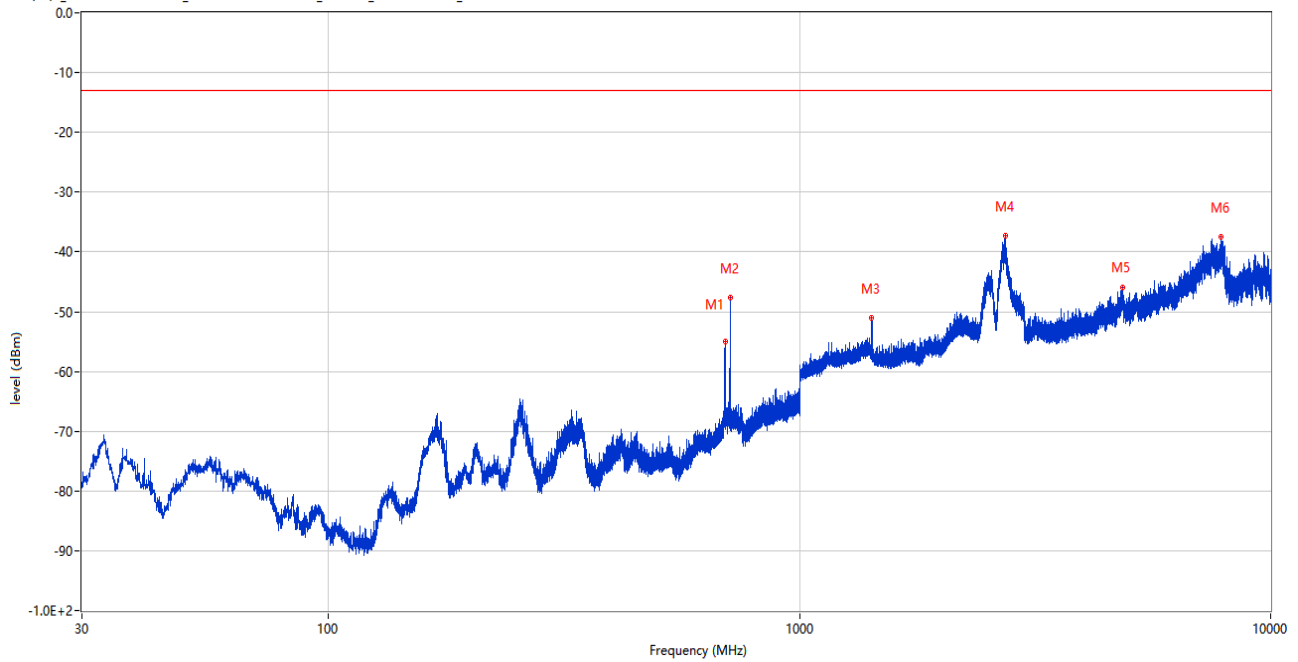
RSE (RF) _FCC PART22&24&27_LTE B12 & B17 & B28 _699-747_30MHz-10GHz_



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
694.886	-59.94	2.91	-13.0	46.94	135.00	Horizontal	Vertical	Pass
712.104	-52.58	3.19	-13.0	39.58	193.00	Horizontal	Vertical	N/A
1424.700	-50.17	-3.01	-13.0	37.17	271.00	Horizontal	Vertical	Pass
2730.200	-36.62	19.46	-13.0	23.62	360.00	Horizontal	Vertical	Pass
5370.250	-44.60	7.13	-13.0	31.60	112.00	Horizontal	Vertical	Pass
7589.750	-37.24	16.10	-13.0	24.24	112.00	Horizontal	Vertical	Pass

BAND:LTE B17,Channel:Mid range,BW:5M

RSE (RF) _FCC PART22&24&27_LTE B12 & B17 & B28 _699-747_30MHz-10GHz_

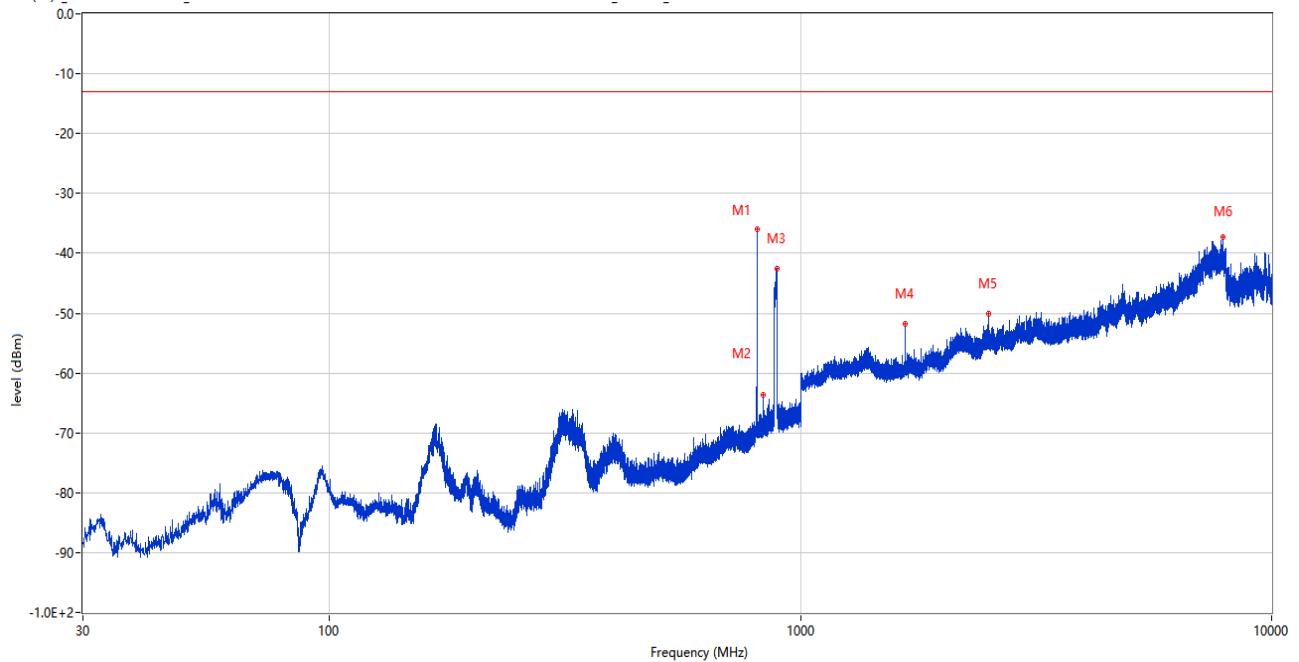


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
694.838	-54.94	2.91	-13.0	41.94	76.00	Vertical	Vertical	Pass
712.104	-47.72	3.19	-13.0	34.72	130.00	Vertical	Vertical	N/A
1424.400	-51.07	-3.00	-13.0	38.07	164.00	Vertical	Vertical	Pass
2731.100	-37.34	19.45	-13.0	24.34	189.00	Vertical	Vertical	Pass
4855.750	-45.90	7.81	-13.0	32.90	289.00	Vertical	Vertical	Pass
7864.250	-37.55	16.82	-13.0	24.55	259.00	Vertical	Vertical	Pass

4.7 LTE Band 26 (Part 22)

BAND:LTE B26,Channel:High range,BW:15M

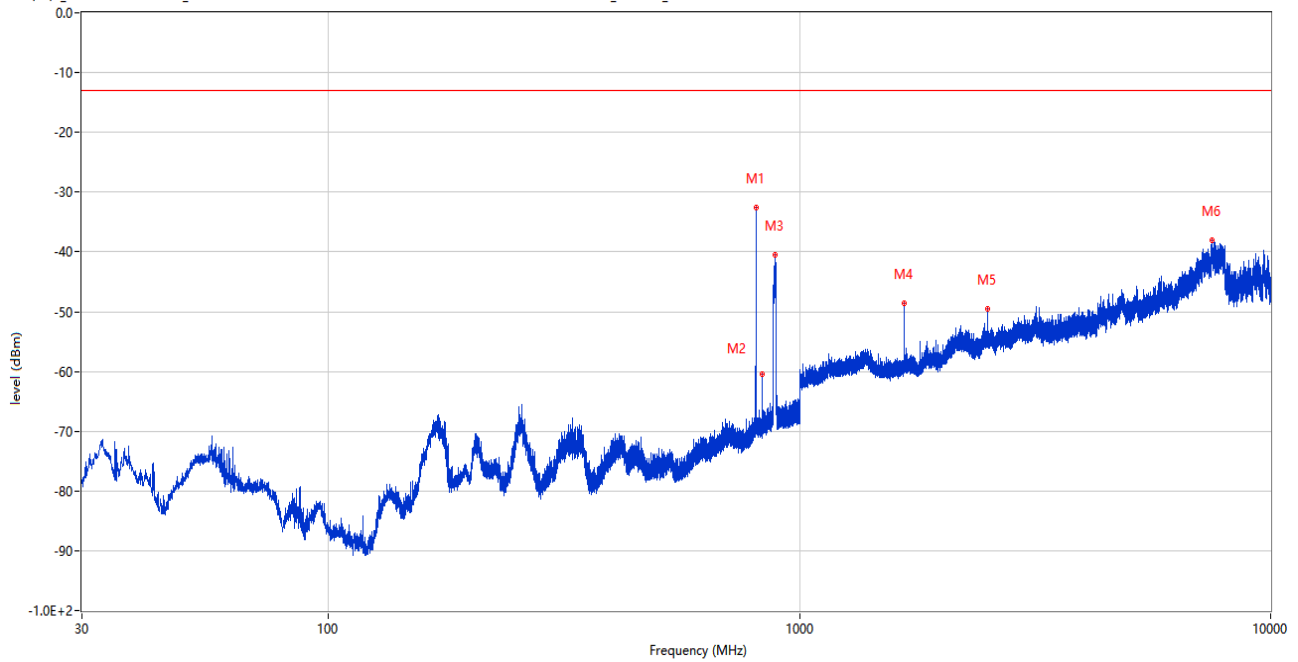
RSE (RF) _FCC PART22&24&27_GSM 850 & CDMA BC0 & WCDMA Band5 & LTE Band 5 & 26 & 18 & 19_814-849_30MHz-10GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
808.231	-35.90	1.28	-13.0	22.90	322.00	Horizontal	Vertical	N/A
834.857	-63.68	2.17	-13.0	50.68	299.00	Horizontal	Vertical	N/A
890.148	-42.51	2.34	-13.0	29.51	209.00	Horizontal	Vertical	N/A
1669.800	-51.71	-5.00	-13.0	38.71	246.00	Horizontal	Vertical	Pass
2504.600	-50.01	0.33	-13.0	37.01	196.00	Horizontal	Vertical	Pass
7870.250	-37.27	17.04	-13.0	24.27	302.00	Horizontal	Vertical	Pass

BAND:LTE B26,Channel: High range,BW:15M

RSE (RF) _FCC PART22&24&27_GSM 850 & CDMA BCO & WCDMA Band5 & LTE Band 5 & 26 & 18 & 19 _814-849_30MHz-10GHz

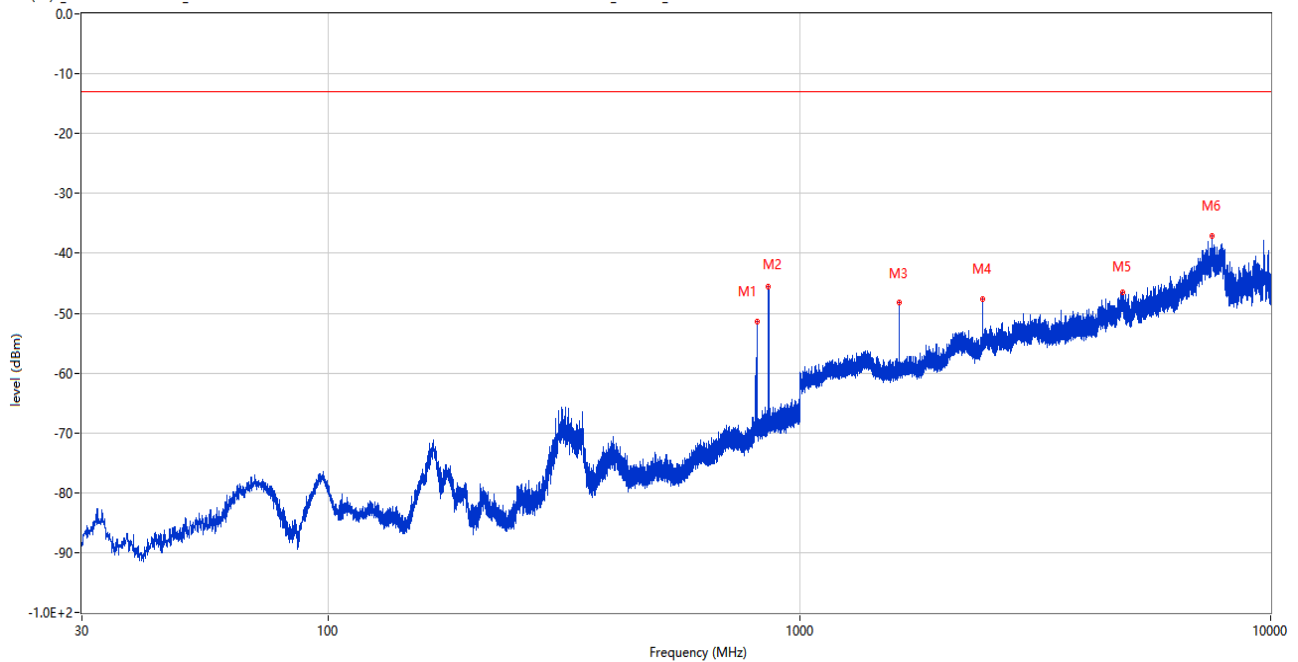


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
808.231	-32.64	1.28	-13.0	19.64	176.00	Vertical	Vertical	N/A
834.857	-60.53	2.17	-13.0	47.53	0.00	Vertical	Vertical	N/A
887.916	-40.54	2.32	-13.0	27.54	167.00	Vertical	Vertical	N/A
1670.000	-48.67	-4.99	-13.0	35.67	103.00	Vertical	Vertical	Pass
2504.600	-49.61	0.33	-13.0	36.61	159.00	Vertical	Vertical	Pass
7502.250	-38.11	16.31	-13.0	25.11	329.00	Vertical	Vertical	Pass

4.8 LTE Band 26 (Part 90)

BAND:LTE B26,Channel:Low range,BW:1.4M

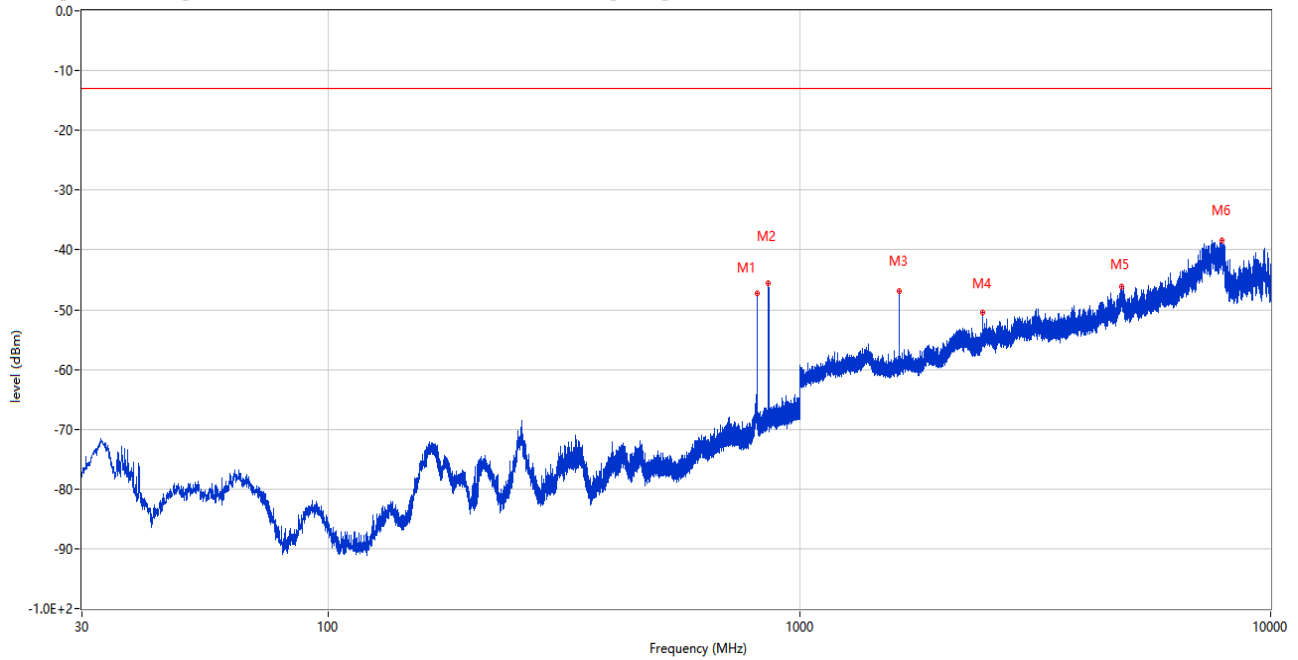
RSE (RF) _FCC PART22&24&27_GSM 850 & CDMA BC0 & WCDMA Band5 & LTE Band 5 & 26 & 18 & 19_814-849_30MHz-10GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
814.778	-51.50	1.61	-13.0	38.50	191.00	Horizontal	Vertical	N/A
859.350	-45.62	2.36	-13.0	32.62	287.00	Horizontal	Vertical	N/A
1629.800	-48.29	-5.83	-13.0	35.29	301.00	Horizontal	Vertical	Pass
2444.700	-47.64	-0.49	-13.0	34.64	12.00	Horizontal	Vertical	Pass
4853.000	-46.48	7.70	-13.0	33.48	269.00	Horizontal	Vertical	Pass
7522.500	-37.07	16.13	-13.0	24.07	5.00	Horizontal	Vertical	Pass

BAND:LTE B26,Channel:Low range,BW:1.4M

RSE (RF) _FCC PART22&24&27_GSM 850 & CDMA BCO & WCDMA Band5 & LTE Band 5 & 26 & 18 & 19 _814-849_30MHz-10GHz

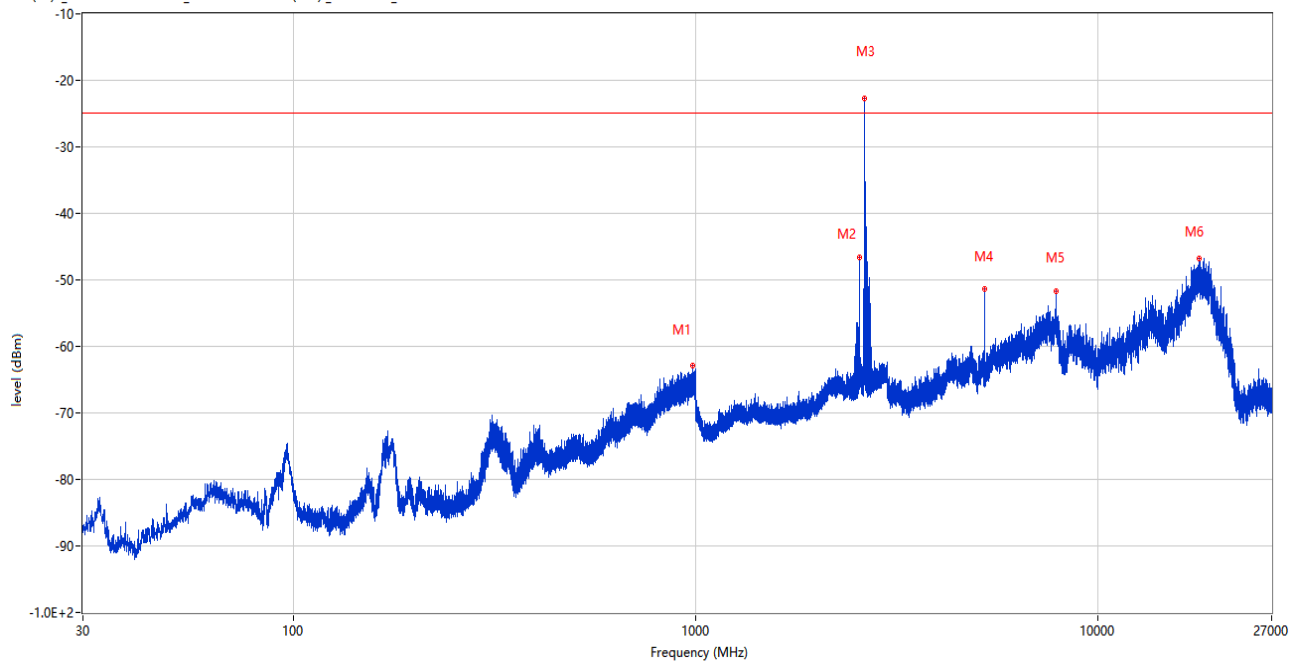


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
814.778	-47.34	1.61	-13.0	34.34	164.00	Vertical	Vertical	N/A
859.253	-45.58	2.38	-13.0	32.58	129.00	Vertical	Vertical	N/A
1630.000	-46.84	-5.83	-13.0	33.84	326.00	Vertical	Vertical	Pass
2444.300	-50.49	-0.53	-13.0	37.49	38.00	Vertical	Vertical	Pass
4832.750	-46.18	7.60	-13.0	33.18	179.00	Vertical	Vertical	Pass
7895.500	-38.33	16.62	-13.0	25.33	248.00	Vertical	Vertical	Pass

4.9 LTE Band 38

BAND:LTE B38,Channel:High range,BW:10M

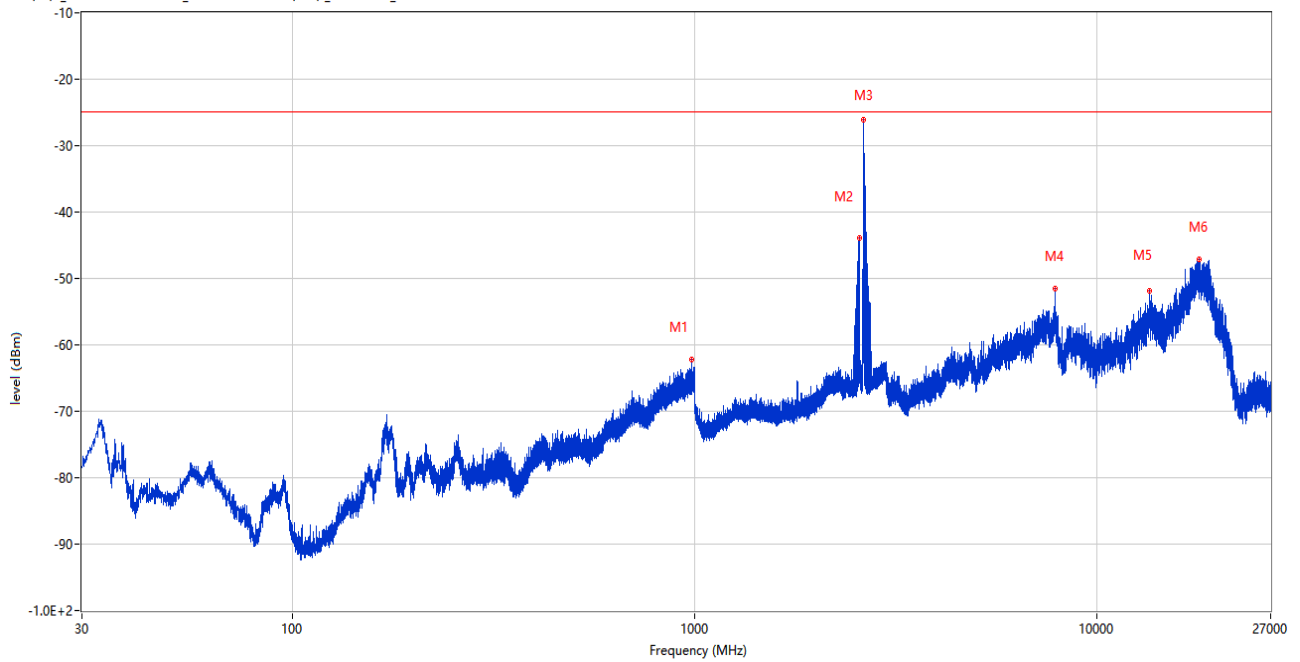
RSE (RF) _FCC PART22&24&27_LTE Band 38 & 41(mid) _2570-2620_30MHz-27GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
980.212	-62.96	4.97	-25.0	37.96	314.00	Horizontal	Vertical	Pass
2559.900	-46.65	-9.92	-25.0	21.65	42.00	Horizontal	Vertical	Pass
2623.800	-22.69	-9.83	-25.0	-2.31	36.00	Horizontal	Vertical	N/A
5238.750	-51.40	-7.63	-25.0	26.40	199.00	Horizontal	Vertical	Pass
7858.500	-51.78	0.95	-25.0	26.78	326.00	Horizontal	Vertical	Pass
17820.449	-46.85	10.64	-25.0	21.85	103.00	Horizontal	Vertical	Pass

BAND:LTE B38,Channel:High range,BW:10M

RSE (RF) _FCC PART22&24&27_LTE Band 38 & 41(mid) _2570-2620_30MHz-27GHz

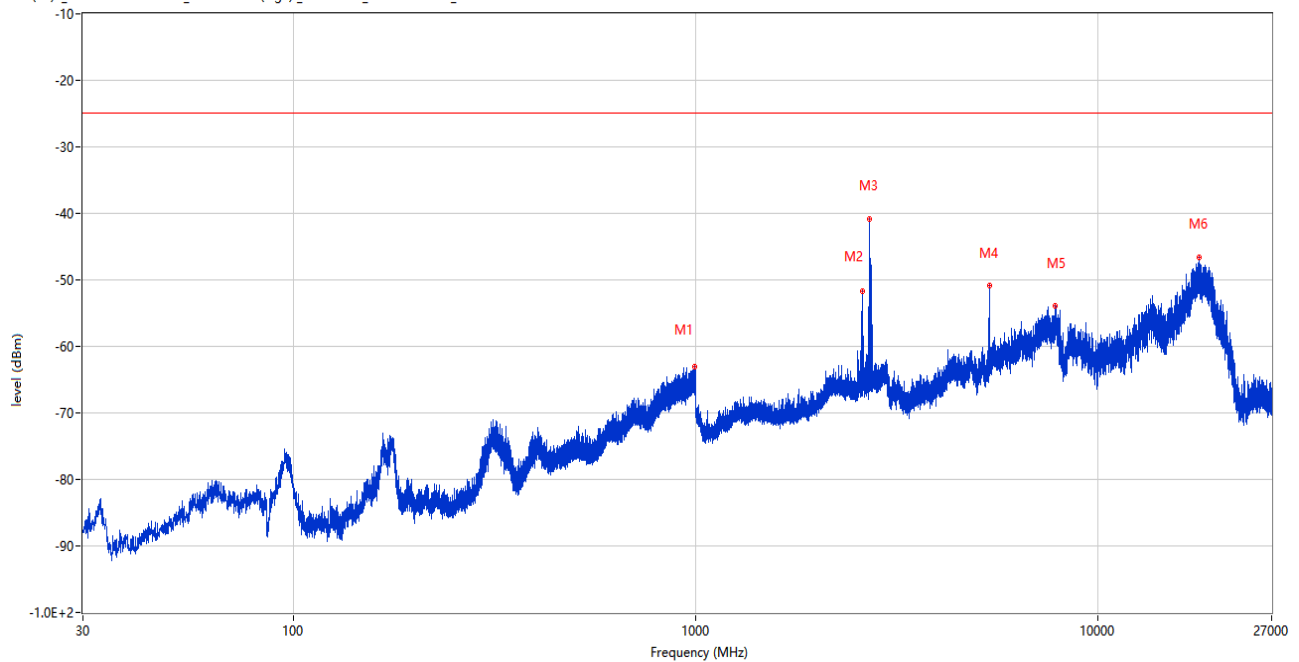


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
982.201	-62.27	5.02	-25.0	37.27	303.00	Vertical	Vertical	Pass
2561.800	-43.96	-9.18	-25.0	18.96	40.00	Vertical	Vertical	Pass
2625.800	-26.02	-9.84	-25.0	1.02	161.00	Vertical	Vertical	N/A
7858.250	-51.58	0.94	-25.0	26.58	210.00	Vertical	Vertical	Pass
13507.313	-51.81	3.77	-25.0	26.81	63.00	Vertical	Vertical	Pass
17917.837	-47.15	10.21	-25.0	22.15	117.00	Vertical	Vertical	Pass

4.10LTE Band 41

BAND:LTE B41,Channel:High range,BW:10M

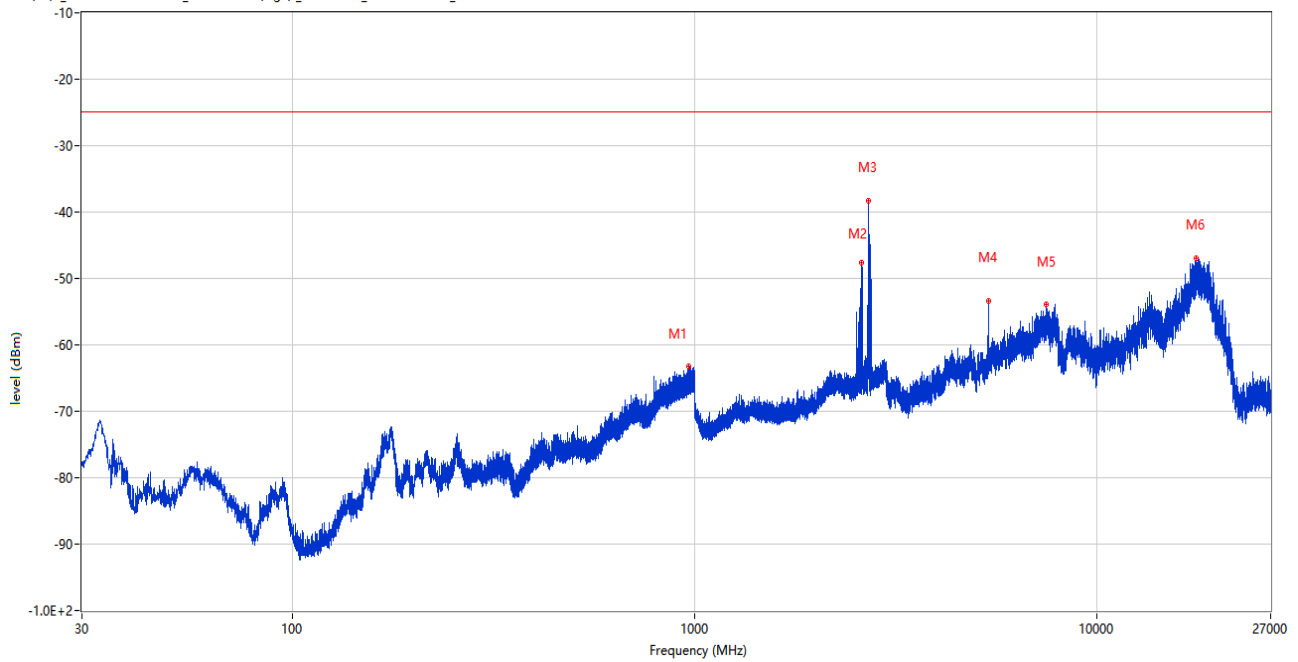
RSE (RF) _FCC PART22&24&27_LTE Band 41(high) _2620-2690_30MHz-27GHz_



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
996.557	-63.00	5.39	-25.0	38.00	149.00	Horizontal	Vertical	Pass
2601.400	-51.70	-11.61	-25.0	26.70	37.00	Horizontal	Vertical	Pass
2699.700	-40.80	-9.32	-25.0	15.80	360.00	Horizontal	Vertical	N/A
5361.250	-50.85	-6.78	-25.0	25.85	219.00	Horizontal	Vertical	Pass
7800.250	-53.94	0.10	-25.0	28.94	103.00	Horizontal	Vertical	Pass
17871.374	-46.59	10.72	-25.0	21.59	176.00	Horizontal	Vertical	Pass

BAND:LTE B41,Channel:High range,BW:10M

RSE (RF) _FCC PART22&24&27_LTE Band 41(high) _2620-2690_30MHz-27GHz_

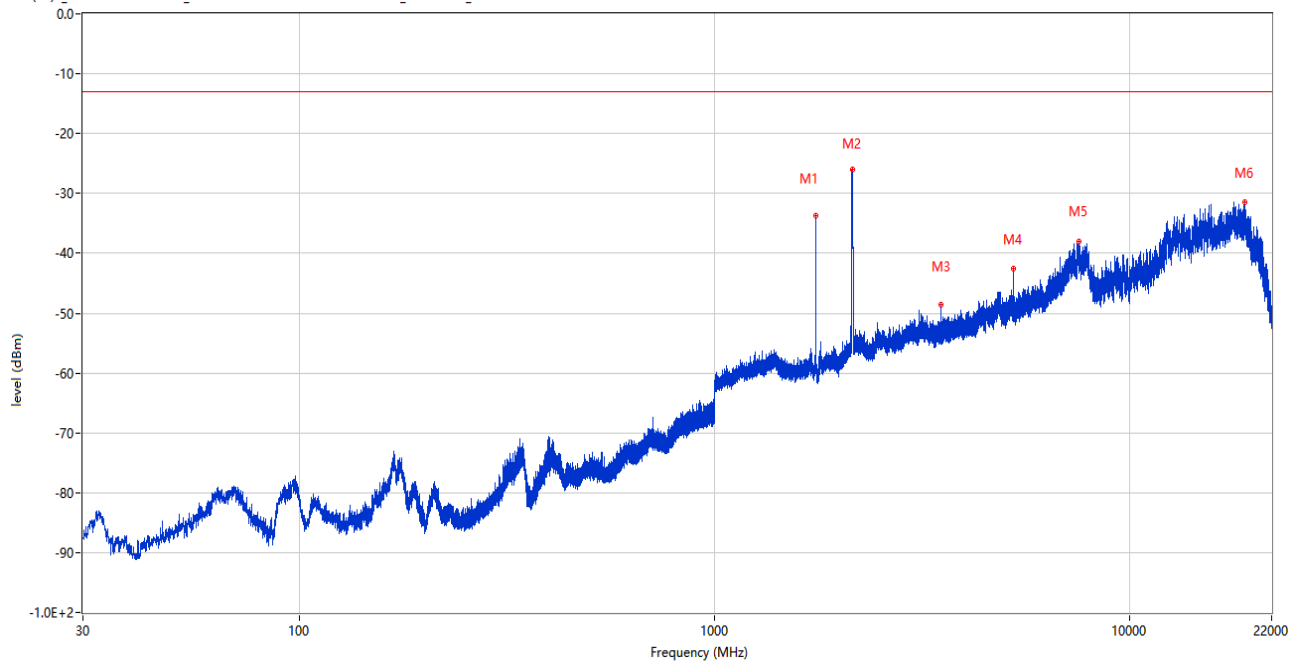


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
966.632	-63.27	4.64	-25.0	38.27	64.00	Vertical	Vertical	Pass
2595.600	-47.69	-11.55	-25.0	22.69	55.00	Vertical	Vertical	Pass
2702.500	-38.24	-9.83	-25.0	13.24	0.00	Vertical	Vertical	N/A
5361.250	-53.32	-6.78	-25.0	28.32	279.00	Vertical	Vertical	Pass
7491.500	-53.91	0.79	-25.0	28.91	7.00	Vertical	Vertical	Pass
17638.537	-46.87	10.26	-25.0	21.87	305.00	Vertical	Vertical	Pass

4.11LTE Band 66

BAND:LTE B66,Channel:Mid range,BW:20M

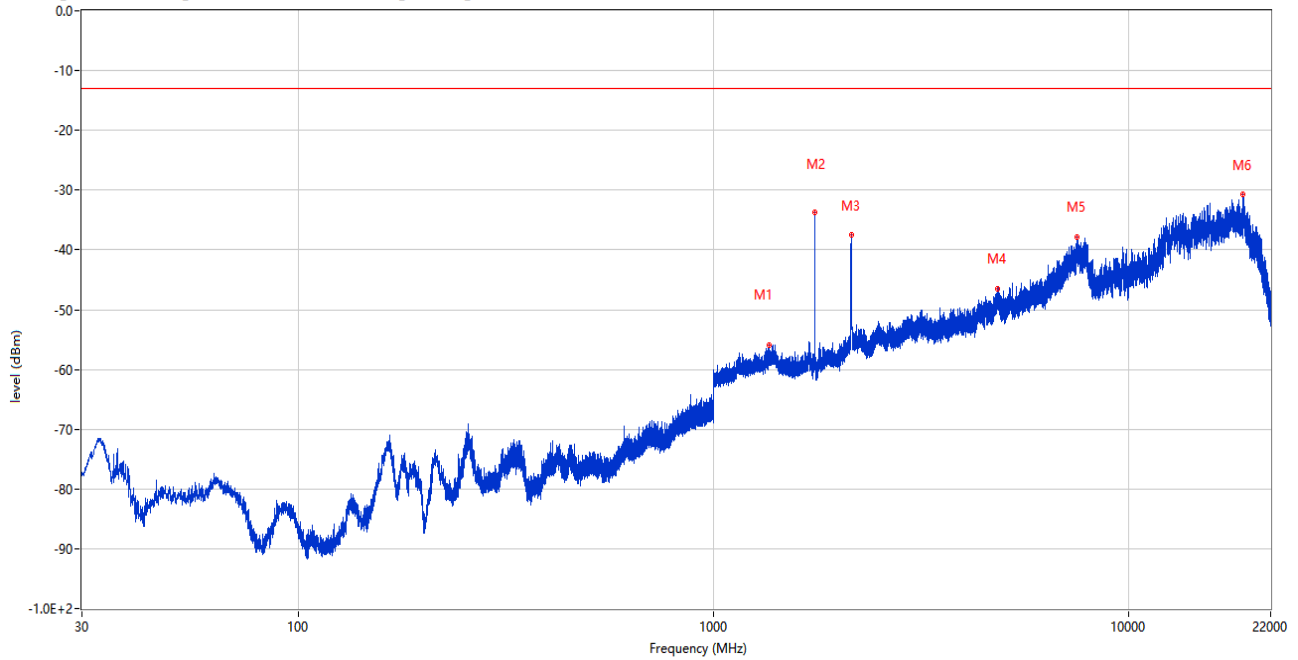
RSE (RF) _FCC PART22&24&27_WCDMA Band 4 & LTE Band 4 & 66 _1710-1785_30MHz-20GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
1754.200	-33.79	-4.19	-13.0	20.79	176.00	Horizontal	Vertical	N/A
2145.100	-25.99	-1.36	-13.0	12.99	250.00	Horizontal	Vertical	N/A
3508.250	-48.52	3.59	-13.0	35.52	353.00	Horizontal	Vertical	Pass
5261.750	-42.64	6.77	-13.0	29.64	59.00	Horizontal	Vertical	Pass
7539.000	-37.97	16.79	-13.0	24.97	39.00	Horizontal	Vertical	Pass
18905.874	-31.54	24.05	-13.0	18.54	208.00	Horizontal	Vertical	Pass

BAND:LTE B66,Channel:Mid range,BW:20M

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
1358.300	-55.90	-4.36	-13.0	42.90	39.00	Vertical	Vertical	Pass
1754.100	-33.66	-4.19	-13.0	20.66	64.00	Vertical	Vertical	N/A
2144.900	-37.54	-1.37	-13.0	24.54	189.00	Vertical	Vertical	N/A
4821.250	-46.49	7.71	-13.0	33.49	341.00	Vertical	Vertical	Pass
7497.250	-37.83	16.60	-13.0	24.83	321.00	Vertical	Vertical	Pass
18893.851	-30.74	24.06	-13.0	17.74	219.00	Vertical	Vertical	Pass

--BLANK BELOW--