

Field Strength of Spurious Radiation

LTE Mode Test Verdict

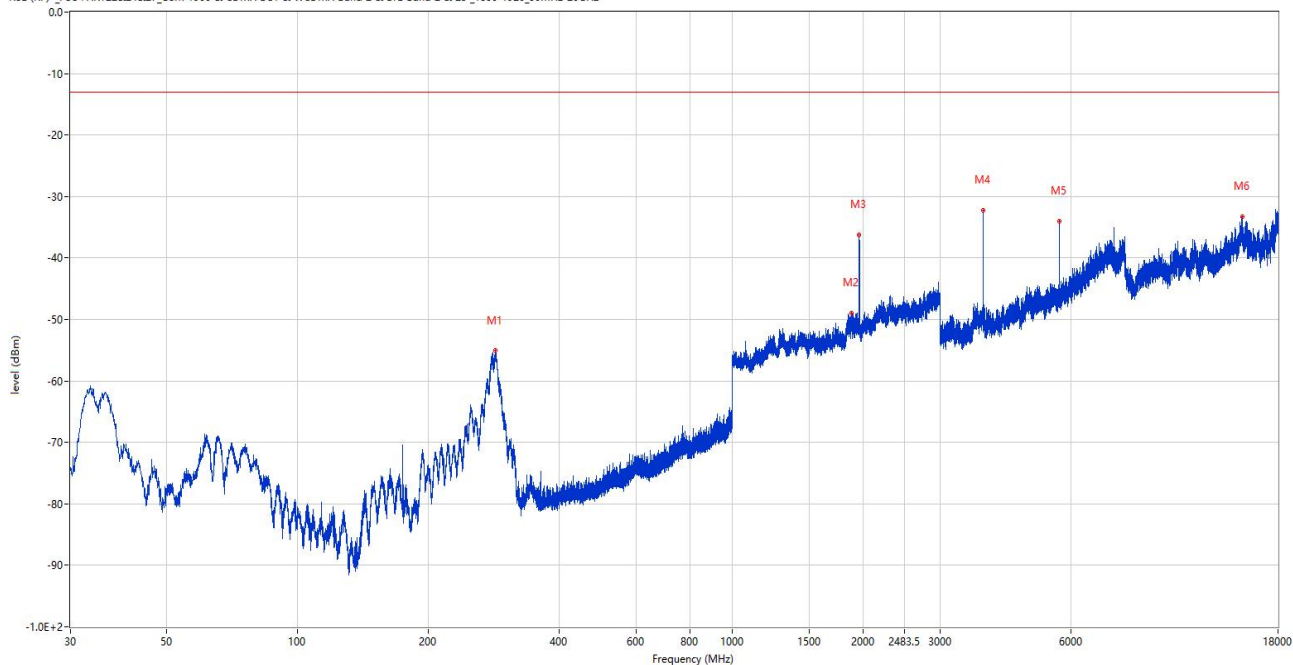
Test Band	UL Channel	Bandwidth(MHz)	UL RB Number	UL RB Position	UL Modulation	Verdict
B2	18900	10	1	49	QPSK	PASS
B4	20000	10	1	49	QPSK	PASS
B5	20450	10	1	49	QPSK	PASS
B12	23060	10	1	0	QPSK	PASS
B13	23255	5	1	0	QPSK	PASS
B14	23330	5	1	24	QPSK	PASS
B17	23800	10	1	49	QPSK	PASS
B25	26365	10	1	49	QPSK	PASS
B26(PART22)	26840	10	1	0	QPSK	PASS
B26(PART90)	26765	5	1	0	QPSK	PASS
B66	132322	10	1	49	QPSK	PASS
B71	133447	5	1	0	QPSK	PASS

1 LTE

1.1 LTE Band 2

Band:LTE B2

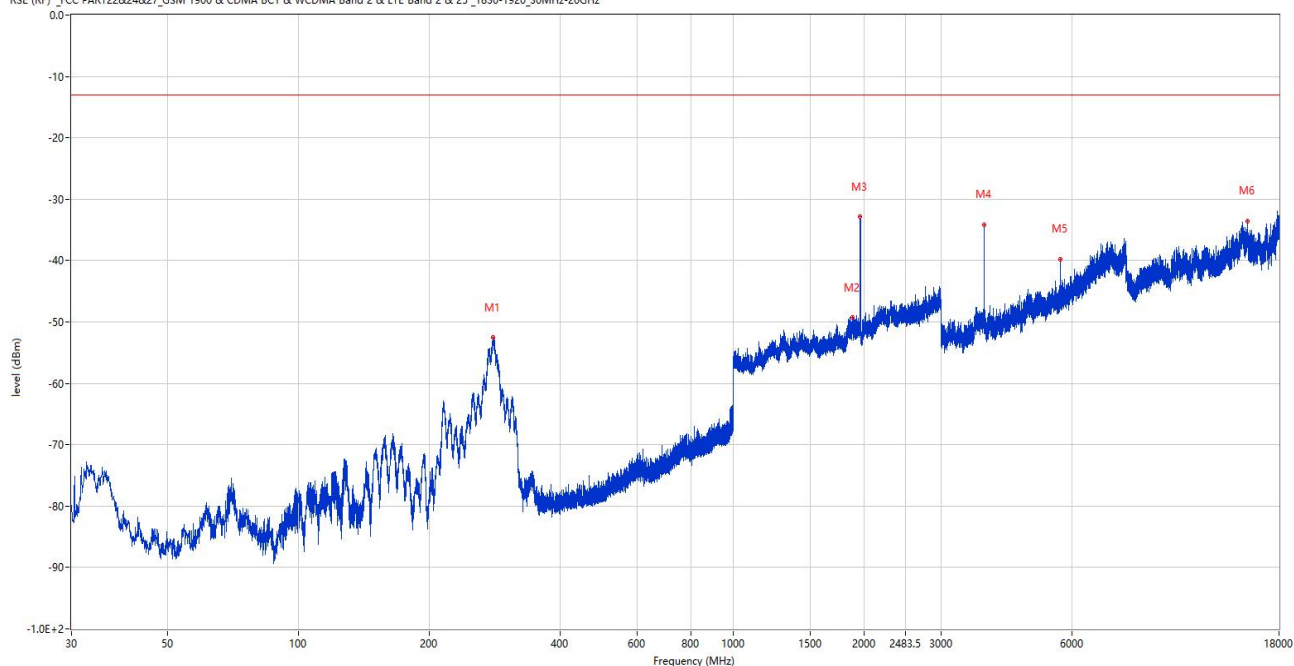
RSE (RF) _FCC PART22&24&27_GSM 1900 & CDMA BC1 & WCDMA Band 2 & LTE Band 2 & 25_1830-1920_30MHz-20GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
284.819	-55.09	-13.02	-13.0	42.09	207.00	Vertical	Horizontal	Pass
1882.200	-48.93	3.42	-13.0	35.93	255.00	Vertical	Horizontal	N/A
1957.200	-36.21	2.84	-13.0	23.21	68.00	Vertical	Horizontal	N/A
3769.250	-32.29	8.21	-13.0	19.29	126.00	Vertical	Horizontal	Pass
5653.750	-34.02	11.22	-13.0	21.02	319.00	Vertical	Horizontal	Pass
14888.500	-33.26	23.94	-13.0	20.26	69.00	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

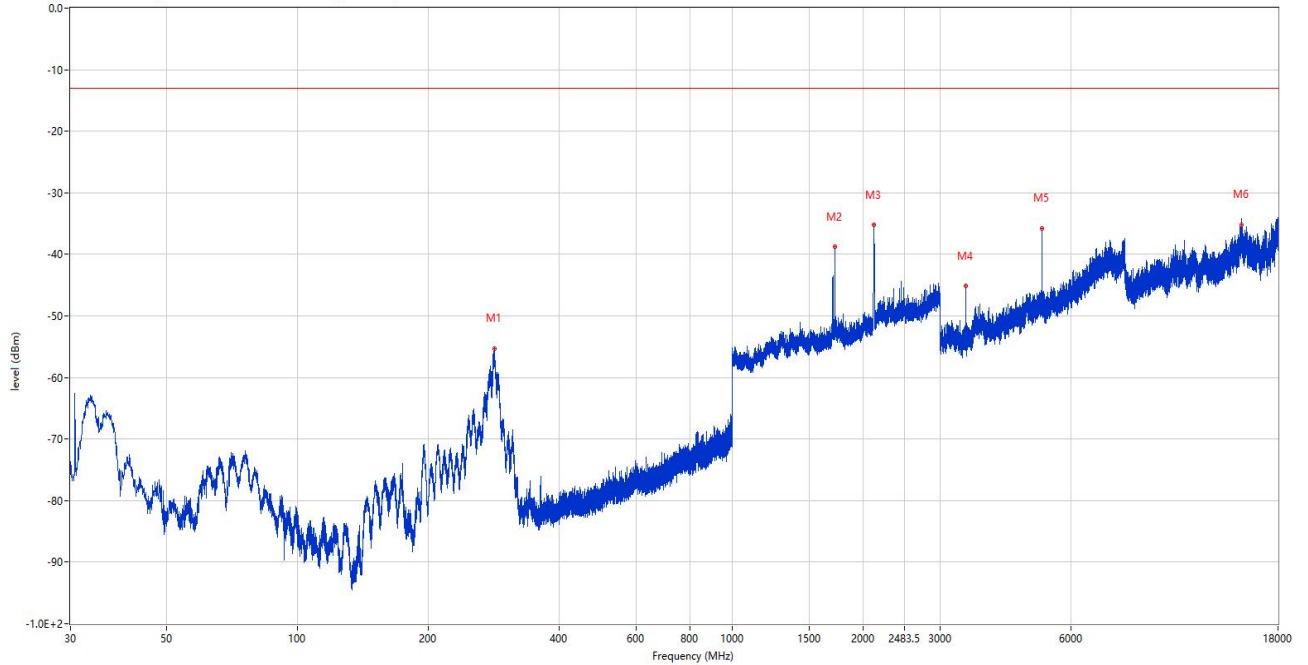


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
279.969	-52.45	-13.13	-13.0	39.45	274.00	Horizontal	Horizontal	Pass
1881.800	-49.29	3.42	-13.0	36.29	319.00	Horizontal	Horizontal	N/A
1959.100	-32.90	2.90	-13.0	19.90	259.00	Horizontal	Horizontal	N/A
3769.500	-34.18	8.20	-13.0	21.18	219.00	Horizontal	Horizontal	Pass
5653.750	-39.81	11.22	-13.0	26.81	223.00	Horizontal	Horizontal	Pass
15261.000	-33.61	22.68	-13.0	20.61	0.00	Horizontal	Horizontal	Pass

1.2 LTE Band 4

Band:LTE B4

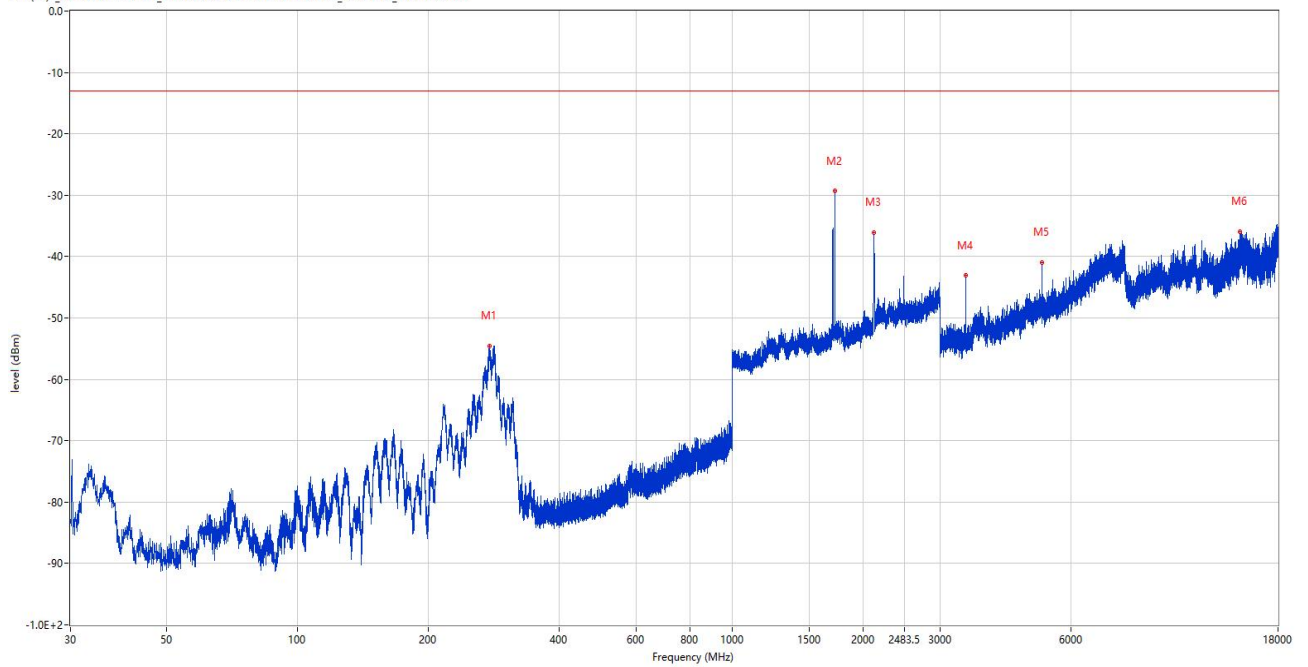
RSE (RF) _FCC PART22&24&27_WCDMA Band 4 & LTE Band 4 & 66_1710-1785_30MHz-20GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
283.703	-55.30	-13.05	-13.0	42.30	189.00	Vertical	Horizontal	Pass
1720.300	-38.83	2.63	-13.0	25.83	168.00	Vertical	Horizontal	N/A
2118.900	-35.27	4.01	-13.0	22.27	119.00	Vertical	Horizontal	N/A
3439.500	-45.18	5.10	-13.0	32.18	226.00	Vertical	Horizontal	Pass
5158.500	-35.83	10.89	-13.0	22.83	83.00	Vertical	Horizontal	Pass
14828.474	-35.21	24.25	-13.0	22.21	48.00	Vertical	Horizontal	Pass

Band:LTE B4

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

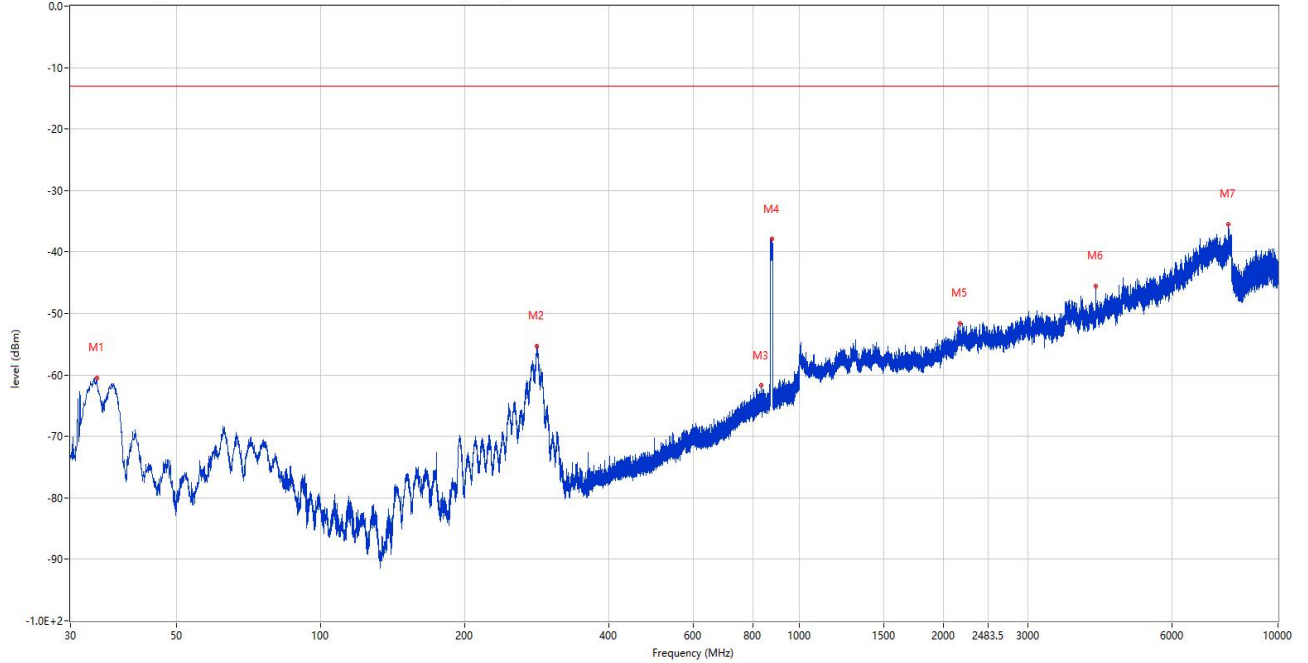


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
276.234	-54.62	-13.06	-13.0	41.62	269.00	Horizontal	Horizontal	Pass
1720.300	-29.36	2.63	-13.0	16.36	248.00	Horizontal	Horizontal	N/A
2116.500	-36.06	3.99	-13.0	23.06	191.00	Horizontal	Horizontal	N/A
3439.250	-43.12	5.11	-13.0	30.12	123.00	Horizontal	Horizontal	Pass
5158.750	-41.02	10.88	-13.0	28.02	86.00	Horizontal	Horizontal	Pass
14704.575	-35.99	23.45	-13.0	22.99	311.00	Horizontal	Horizontal	Pass

1.3 LTE Band 5

Band:LTE B5

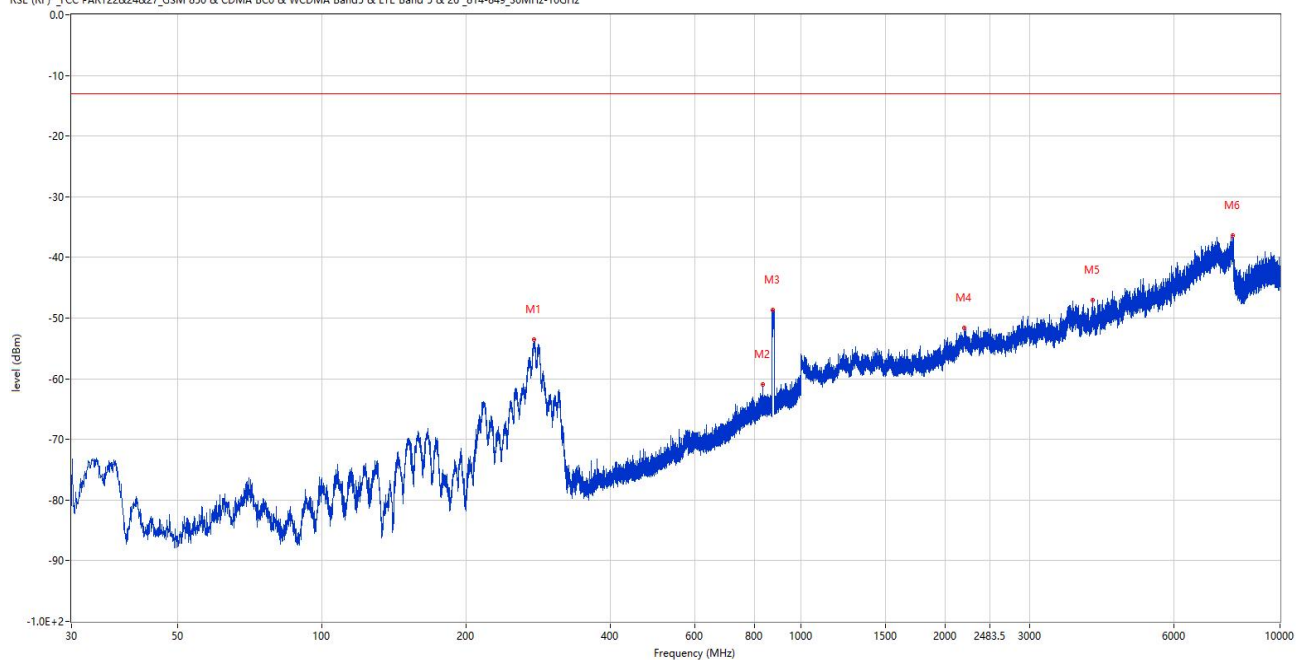
RSE (RF) _FCC PART22&24&27_GSM 850 & CDMA BC0 & WCDMA Band5 & LTE Band 5 & 26_814-849_30MHz-10GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
34.074	-60.49	-14.60	-13.0	47.49	256.00	Vertical	Horizontal	Pass
282.734	-55.27	-10.30	-13.0	42.27	200.00	Vertical	Horizontal	Pass
832.626	-61.65	5.61	-13.0	48.65	326.00	Vertical	Horizontal	N/A
875.500	-37.94	5.86	-13.0	24.94	233.00	Vertical	Horizontal	N/A
2161.700	-51.56	0.24	-13.0	38.56	0.00	Vertical	Horizontal	Pass
4167.500	-45.52	8.59	-13.0	32.52	337.00	Vertical	Horizontal	Pass
7862.750	-35.44	18.36	-13.0	22.44	4.00	Vertical	Horizontal	Pass

Band:LTE B5

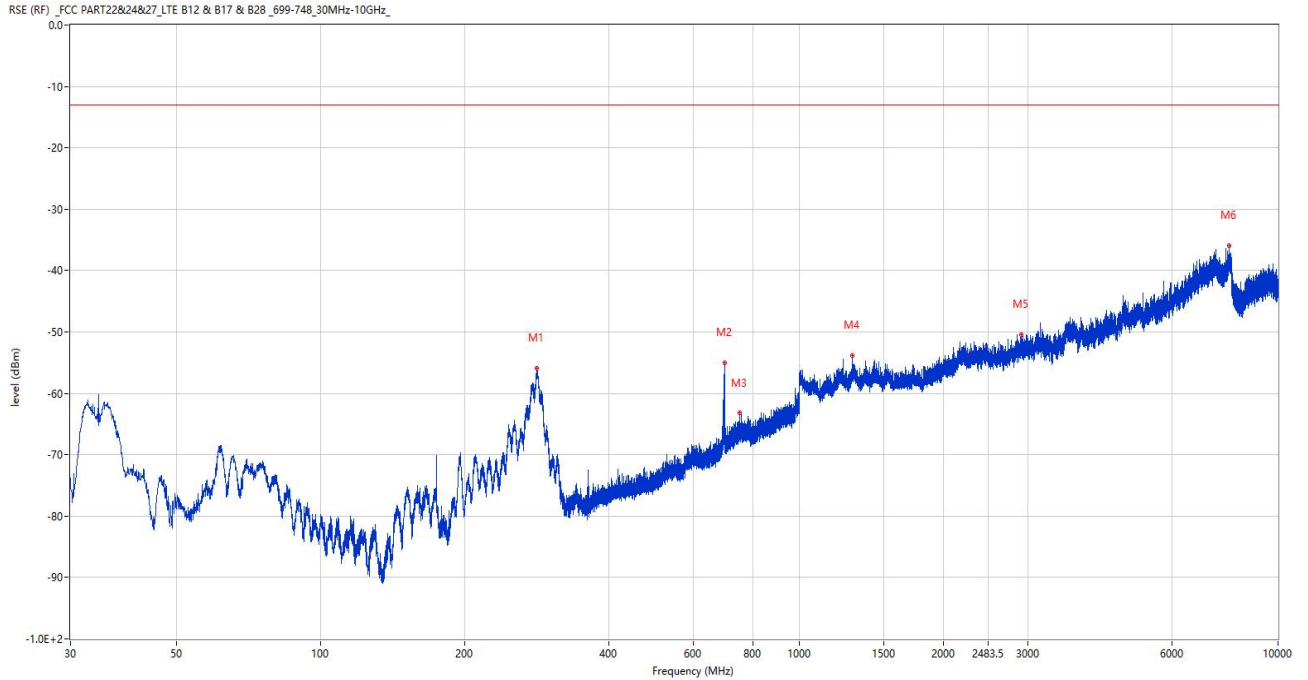
RSE (RF) _FCC PART22&24&27_GSM 850 & CDMA BCO & WCDMA Band5 & LTE Band 5 & 26_814-849_30MHz-10GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
277.544	-53.56	-10.11	-13.0	40.56	277.00	Horizontal	Horizontal	Pass
833.451	-60.96	5.63	-13.0	47.96	293.00	Horizontal	Horizontal	N/A
873.269	-48.60	5.62	-13.0	35.60	281.00	Horizontal	Horizontal	N/A
2195.000	-51.63	0.36	-13.0	38.63	25.00	Horizontal	Horizontal	Pass
4071.500	-47.05	8.03	-13.0	34.05	45.00	Horizontal	Horizontal	Pass
7984.000	-36.42	19.88	-13.0	23.42	272.00	Horizontal	Horizontal	Pass

1.4 LTE Band 12

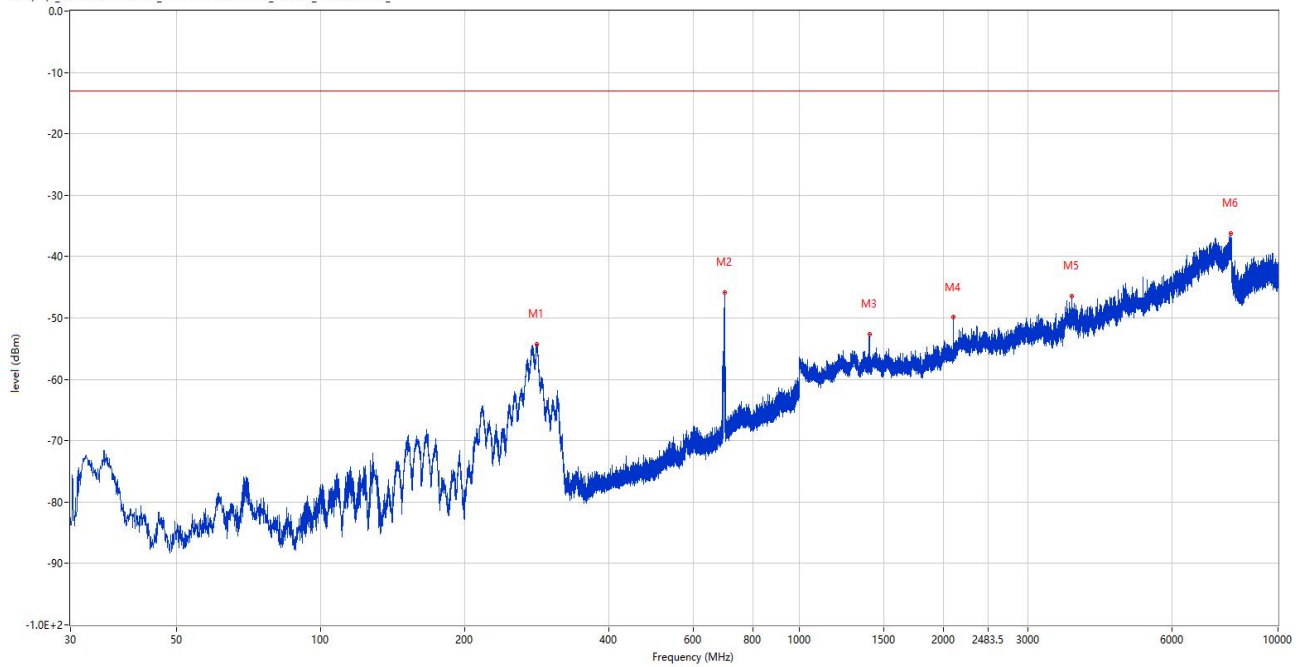
Band:LTE B12



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
282.830	-55.93	-10.38	-13.0	42.93	201.00	Vertical	Horizontal	Pass
699.591	-55.06	1.95	-13.0	42.06	198.00	Vertical	Horizontal	N/A
751.292	-63.21	4.05	-13.0	50.21	279.00	Vertical	Horizontal	N/A
1289.400	-53.90	-2.49	-13.0	40.90	336.00	Vertical	Horizontal	Pass
2908.000	-50.39	3.37	-13.0	37.39	0.00	Vertical	Horizontal	Pass
7894.000	-35.90	19.03	-13.0	22.90	282.00	Vertical	Horizontal	Pass

Band:LTE B12

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

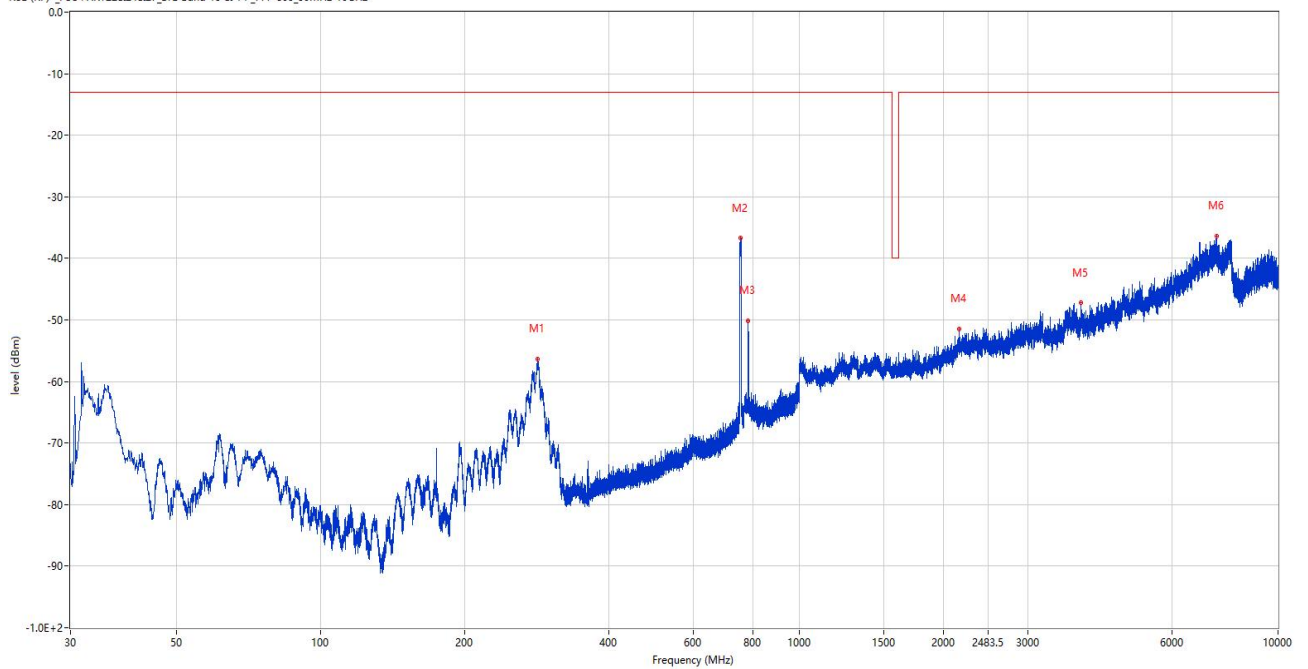


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
282.539	-54.22	-10.39	-13.0	41.22	253.00	Horizontal	Horizontal	Pass
699.542	-45.89	1.95	-13.0	32.89	140.00	Horizontal	Horizontal	N/A
1400.300	-52.65	-3.61	-13.0	39.65	121.00	Horizontal	Horizontal	Pass
2099.400	-49.92	-1.44	-13.0	36.92	134.00	Horizontal	Horizontal	Pass
3714.500	-46.51	8.59	-13.0	33.51	7.00	Horizontal	Horizontal	Pass
7970.000	-36.25	19.79	-13.0	23.25	188.00	Horizontal	Horizontal	Pass

1.5 LTE Band 13

Band:LTE B13

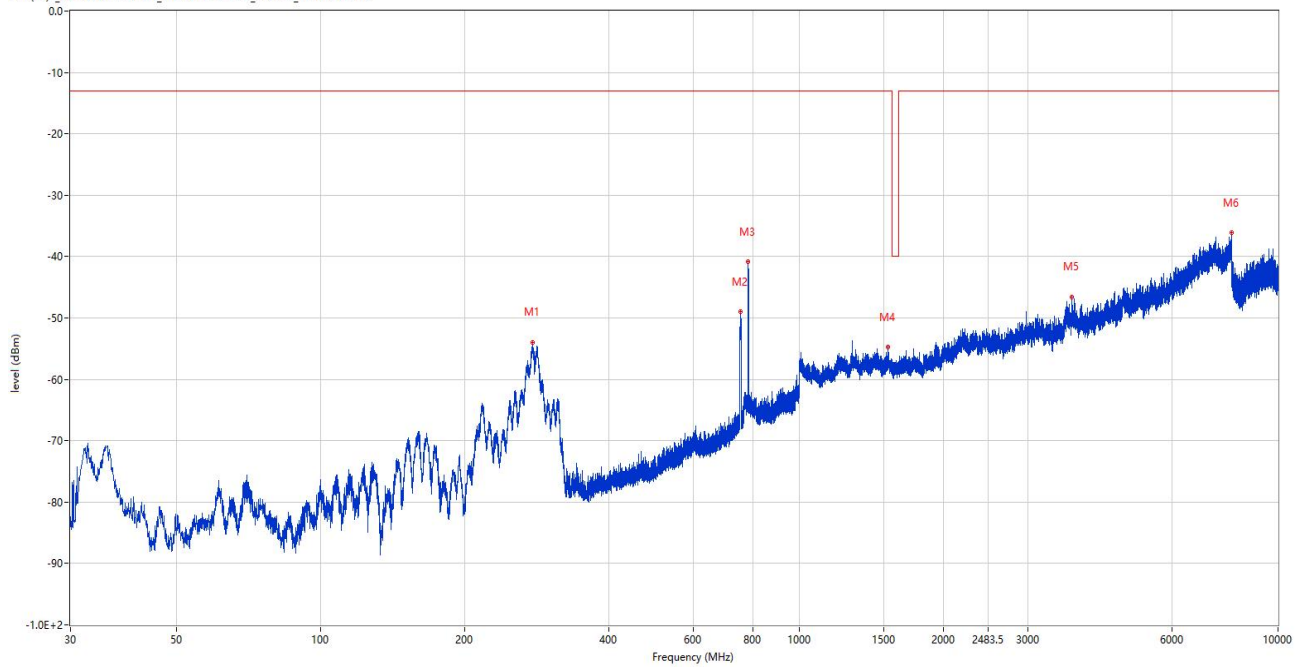
RSE (RF) _FCC PART22&24&27_LTE Band 13 & 14 _777-803_30MHz-10GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
284.189	-56.37	-10.47	-13.0	43.37	190.00	Vertical	Horizontal	Pass
752.795	-36.76	3.49	-13.0	23.76	238.00	Vertical	Horizontal	N/A
782.332	-50.10	6.34	-13.0	37.10	284.00	Vertical	Horizontal	N/A
2160.700	-51.48	0.24	-13.0	38.48	147.00	Vertical	Horizontal	Pass
3878.750	-47.25	8.87	-13.0	34.25	312.00	Vertical	Horizontal	Pass
7451.250	-36.42	18.34	-13.0	23.42	225.00	Vertical	Horizontal	Pass

Band:LTE B13

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

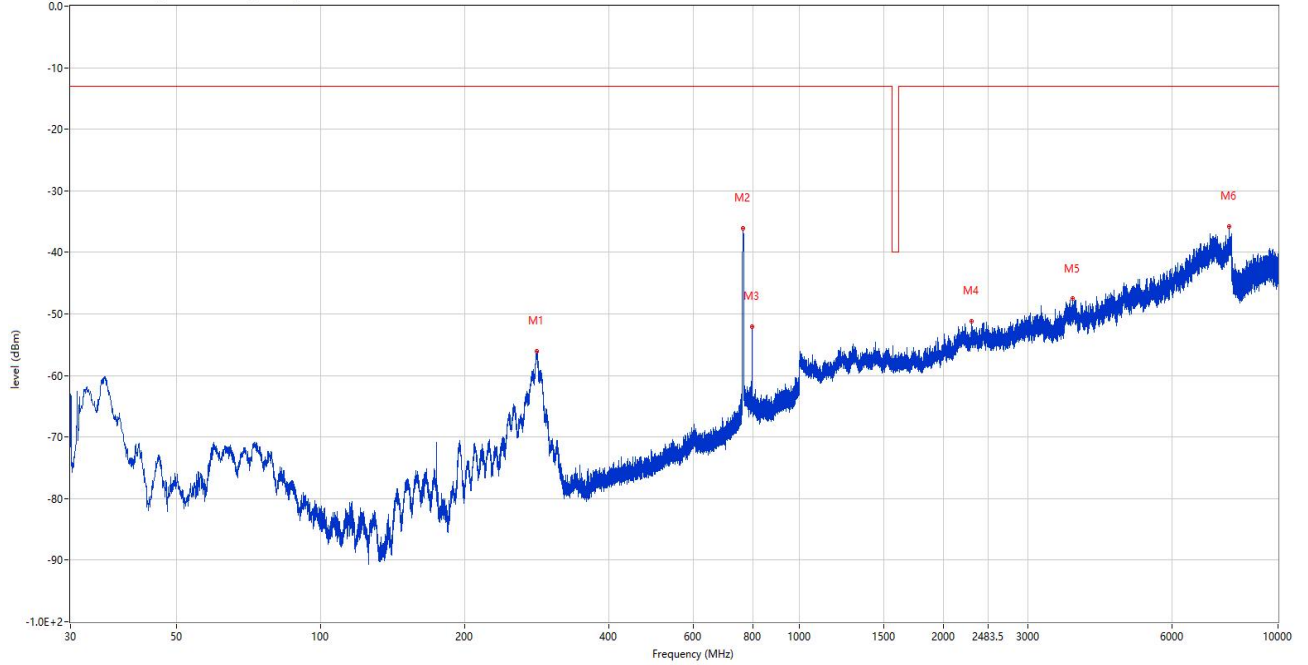


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
276.671	-53.95	-10.36	-13.0	40.95	265.00	Horizontal	Horizontal	Pass
753.959	-48.96	3.49	-13.0	35.96	261.00	Horizontal	Horizontal	N/A
782.332	-40.89	6.34	-13.0	27.89	291.00	Horizontal	Horizontal	N/A
1531.000	-54.76	-2.87	-13.0	41.76	101.00	Horizontal	Horizontal	Pass
3701.250	-46.58	8.00	-13.0	33.58	209.00	Horizontal	Horizontal	Pass
7999.500	-36.14	20.19	-13.0	23.14	206.00	Horizontal	Horizontal	Pass

1.6 LTE Band 14

Band:LTE B14

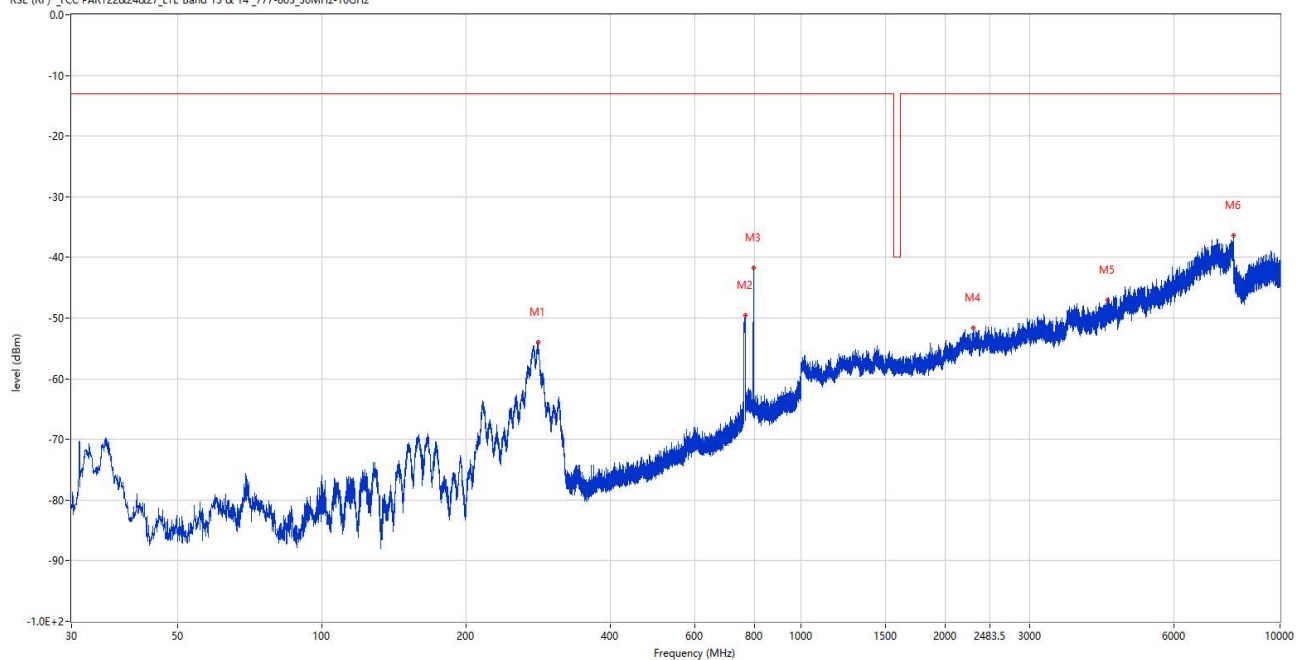
RSE (RF) _FCC PART22&24&27_LTE Band 13 & 14_777-803_30MHz-10GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
282.927	-56.11	-10.41	-13.0	43.11	188.00	Vertical	Horizontal	Pass
761.865	-36.13	3.99	-13.0	23.13	253.00	Vertical	Horizontal	N/A
795.136	-52.08	5.63	-13.0	39.08	191.00	Vertical	Horizontal	N/A
2287.200	-51.12	0.32	-13.0	38.12	52.00	Vertical	Horizontal	Pass
3721.000	-47.54	8.71	-13.0	34.54	149.00	Vertical	Horizontal	Pass
7920.000	-35.82	19.26	-13.0	22.82	40.00	Vertical	Horizontal	Pass

Band:LTE B14

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

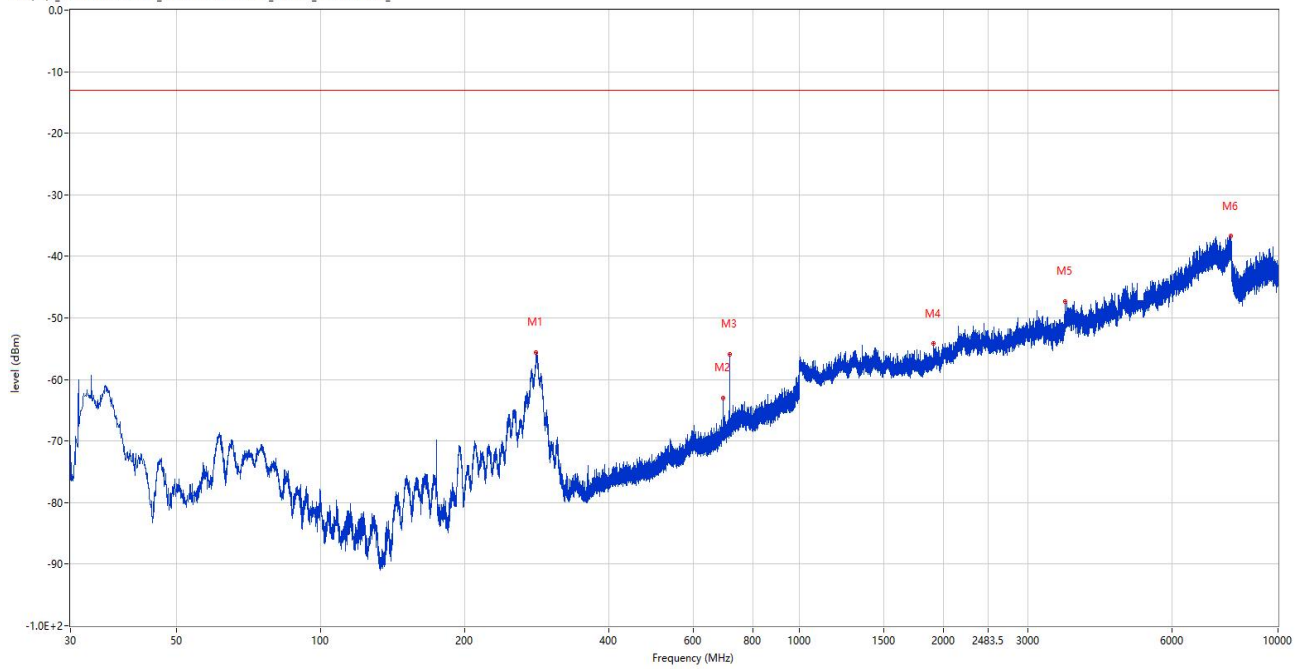


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
282.976	-54.02	-10.41	-13.0	41.02	261.00	Horizontal	Horizontal	Pass
764.144	-49.51	4.03	-13.0	36.51	254.00	Horizontal	Horizontal	N/A
795.136	-41.74	5.63	-13.0	28.74	299.00	Horizontal	Horizontal	N/A
2287.700	-51.66	0.34	-13.0	38.66	26.00	Horizontal	Horizontal	Pass
4361.750	-47.06	9.03	-13.0	34.06	38.00	Horizontal	Horizontal	Pass
7994.500	-36.32	20.04	-13.0	23.32	207.00	Horizontal	Horizontal	Pass

1.7 LTE Band 17

Band:LTE B17

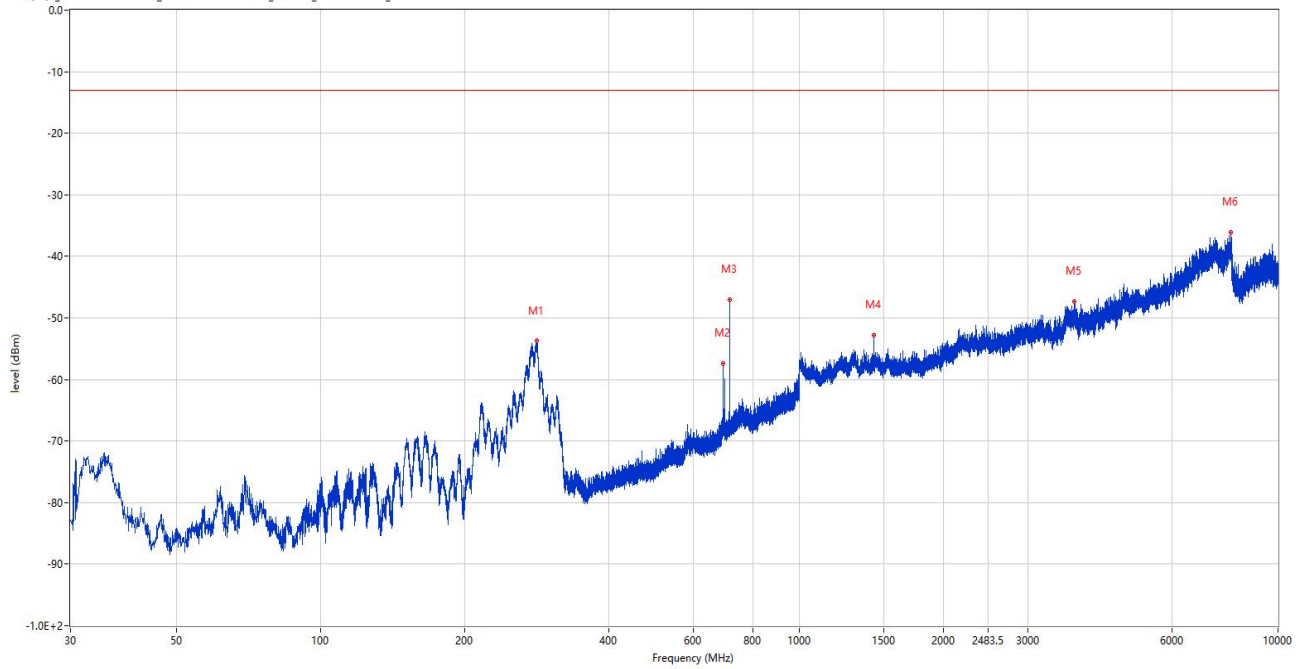
RSE (RF) _FCC PART22&24&27_LTE B12 & B17 & B28_699-748_30MHz-10GHz_



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
282.054	-55.62	-10.42	-13.0	42.62	203.00	Vertical	Horizontal	Pass
693.140	-62.96	1.88	-13.0	49.96	178.00	Vertical	Horizontal	N/A
715.402	-55.92	2.66	-13.0	42.92	191.00	Vertical	Horizontal	N/A
1908.600	-54.11	-2.87	-13.0	41.11	174.00	Vertical	Horizontal	Pass
3592.000	-47.27	6.92	-13.0	34.27	75.00	Vertical	Horizontal	Pass
7971.000	-36.75	19.80	-13.0	23.75	321.00	Vertical	Horizontal	Pass

Band:LTE B17

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

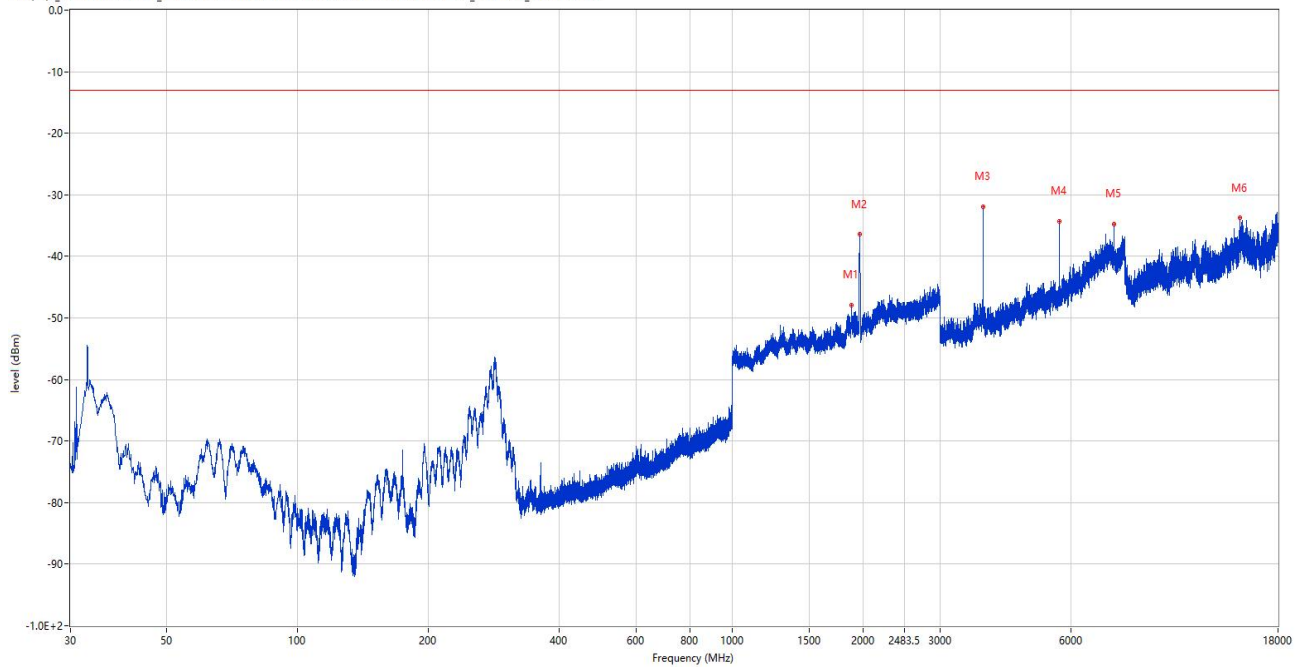


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
282.637	-53.75	-10.39	-13.0	40.75	271.00	Horizontal	Horizontal	Pass
693.334	-57.43	1.88	-13.0	44.43	152.00	Horizontal	Horizontal	N/A
715.402	-47.01	2.66	-13.0	34.01	130.00	Horizontal	Horizontal	N/A
1431.900	-52.83	-2.70	-13.0	39.83	122.00	Horizontal	Horizontal	Pass
3760.000	-47.30	8.80	-13.0	34.30	243.00	Horizontal	Horizontal	Pass
7955.000	-36.06	19.76	-13.0	23.06	88.00	Horizontal	Horizontal	Pass

1.8 LTE Band 25

Band:LTE B25

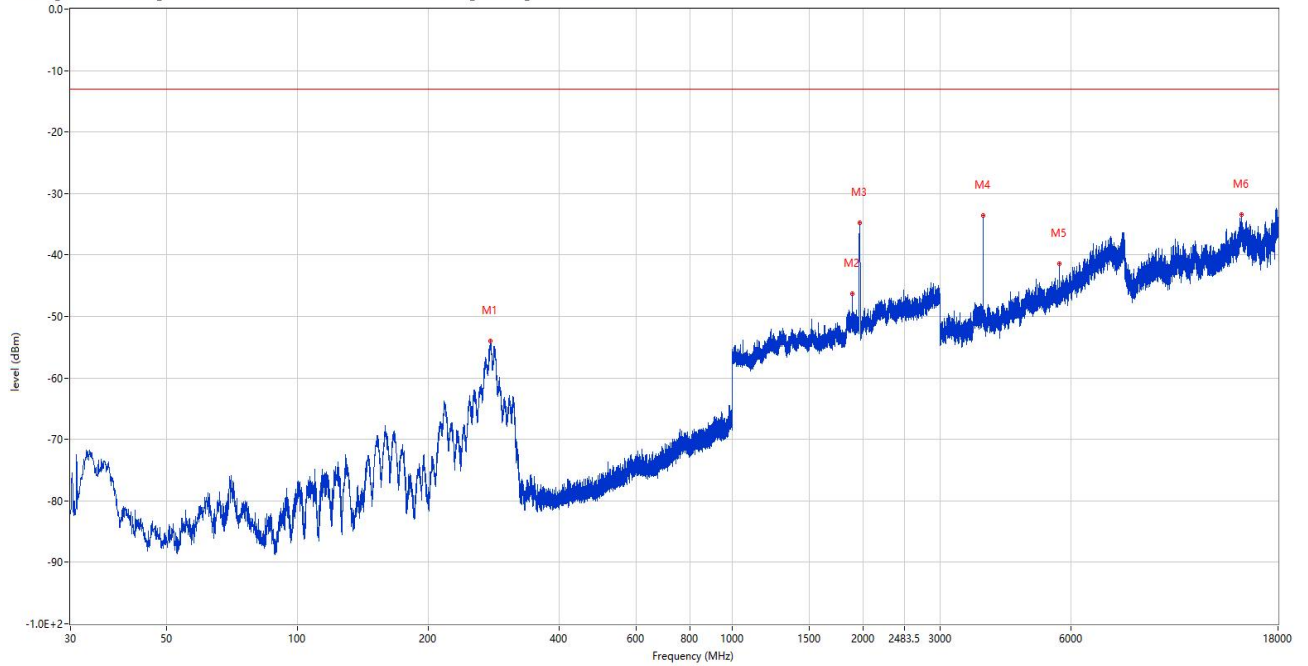
RSE (RF) _FCC PART22&24&27_GSM 1900 & CDMA BC1 & WCDMA Band 2 & LTE Band 2 & 25 _1830-1920_30MHz-20GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
1878.700	-47.99	3.41	-13.0	34.99	227.00	Vertical	Horizontal	N/A
1959.500	-36.45	2.91	-13.0	23.45	48.00	Vertical	Horizontal	N/A
3774.500	-31.98	7.92	-13.0	18.98	348.00	Vertical	Horizontal	Pass
5661.500	-34.27	11.30	-13.0	21.27	310.00	Vertical	Horizontal	Pass
7548.500	-34.72	18.43	-13.0	21.72	0.00	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

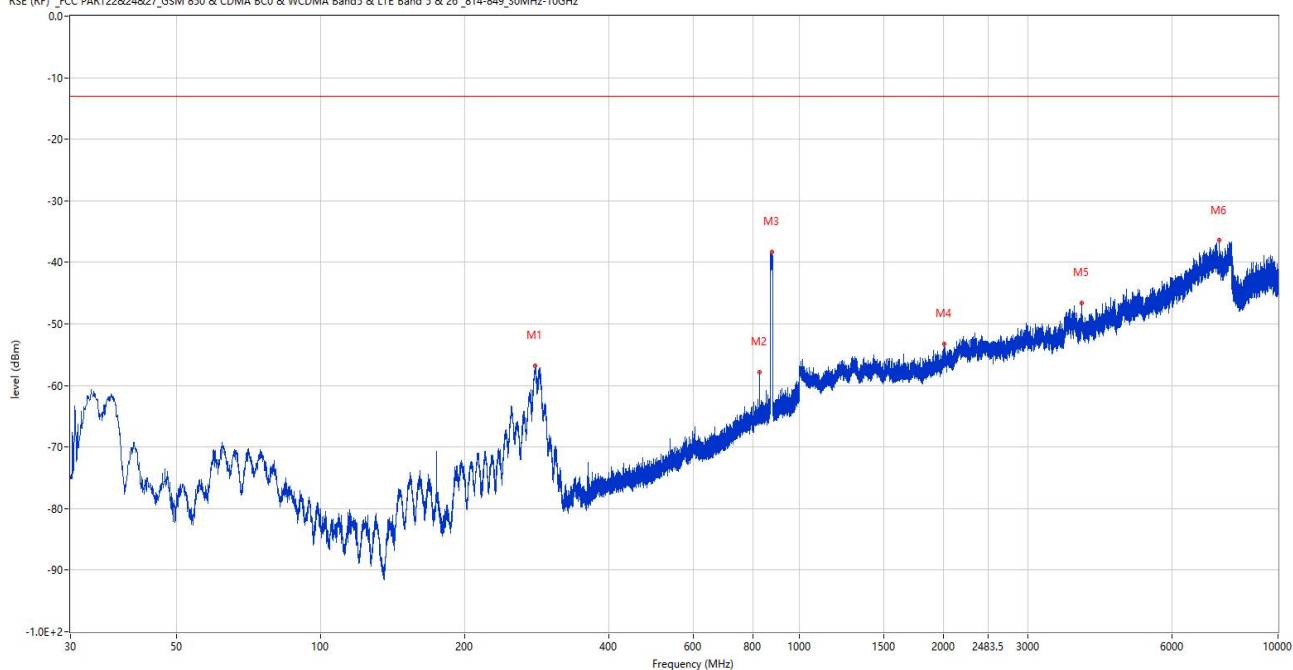


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
277.835	-53.95	-13.10	-13.0	40.95	250.00	Horizontal	Horizontal	Pass
1887.600	-46.30	3.45	-13.0	33.30	239.00	Horizontal	Horizontal	N/A
1962.500	-34.78	2.66	-13.0	21.78	262.00	Horizontal	Horizontal	N/A
3774.250	-33.58	7.93	-13.0	20.58	223.00	Horizontal	Horizontal	Pass
5661.000	-41.48	11.29	-13.0	28.48	25.00	Horizontal	Horizontal	Pass
14826.000	-33.46	24.34	-13.0	20.46	107.00	Horizontal	Horizontal	Pass

1.9 LTE Band 26(part22)

Band:LTE B26

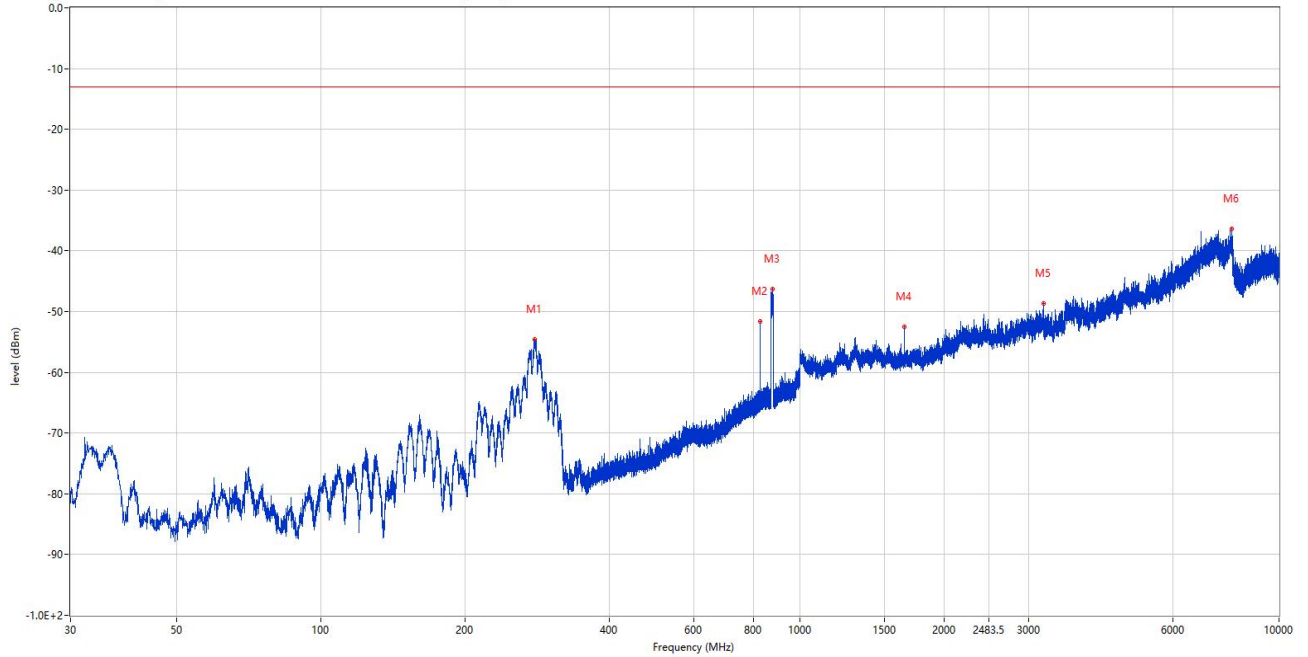
RSE (RF) _FCC PART22&24&27_GSM 850 & CDMA BC0 & WCDMA Band5 & LTE Band 5 & 26_814-849_30MHz-10GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
280.599	-56.78	-10.24	-13.0	43.78	191.00	Vertical	Horizontal	Pass
824.575	-57.91	5.39	-13.0	44.91	283.00	Vertical	Horizontal	N/A
875.113	-38.26	5.82	-13.0	25.26	226.00	Vertical	Horizontal	N/A
2010.400	-53.24	-1.46	-13.0	40.24	285.00	Vertical	Horizontal	Pass
3882.000	-46.58	8.84	-13.0	33.58	189.00	Vertical	Horizontal	Pass
7549.750	-36.46	18.41	-13.0	23.46	225.00	Vertical	Horizontal	Pass

Band:LTE B26

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

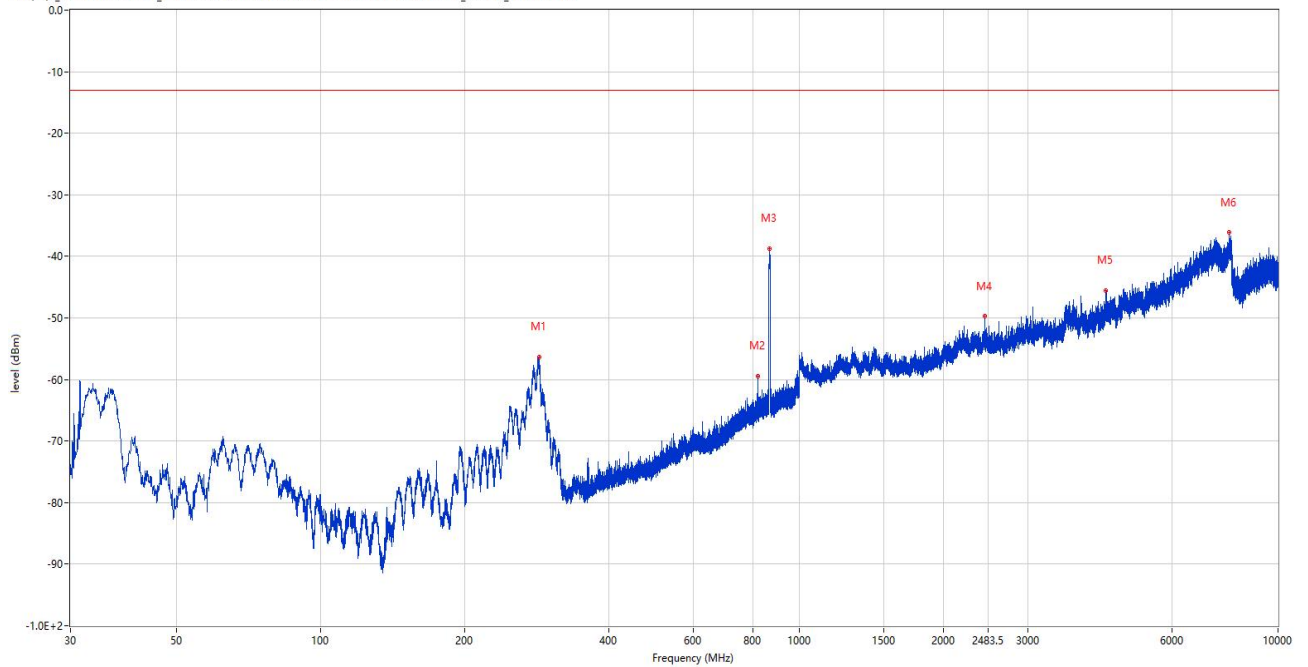


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
279.581	-54.60	-10.20	-13.0	41.60	256.00	Horizontal	Horizontal	Pass
824.624	-51.63	5.39	-13.0	38.63	286.00	Horizontal	Horizontal	N/A
876.228	-46.34	5.92	-13.0	33.34	276.00	Horizontal	Horizontal	N/A
1649.800	-52.46	-3.60	-13.0	39.46	58.00	Horizontal	Horizontal	Pass
3219.000	-48.66	5.32	-13.0	35.66	295.00	Horizontal	Horizontal	Pass
7953.500	-36.43	19.75	-13.0	23.43	5.00	Horizontal	Horizontal	Pass

1.10 LTE Band 26(part90)

Band:LTE B26

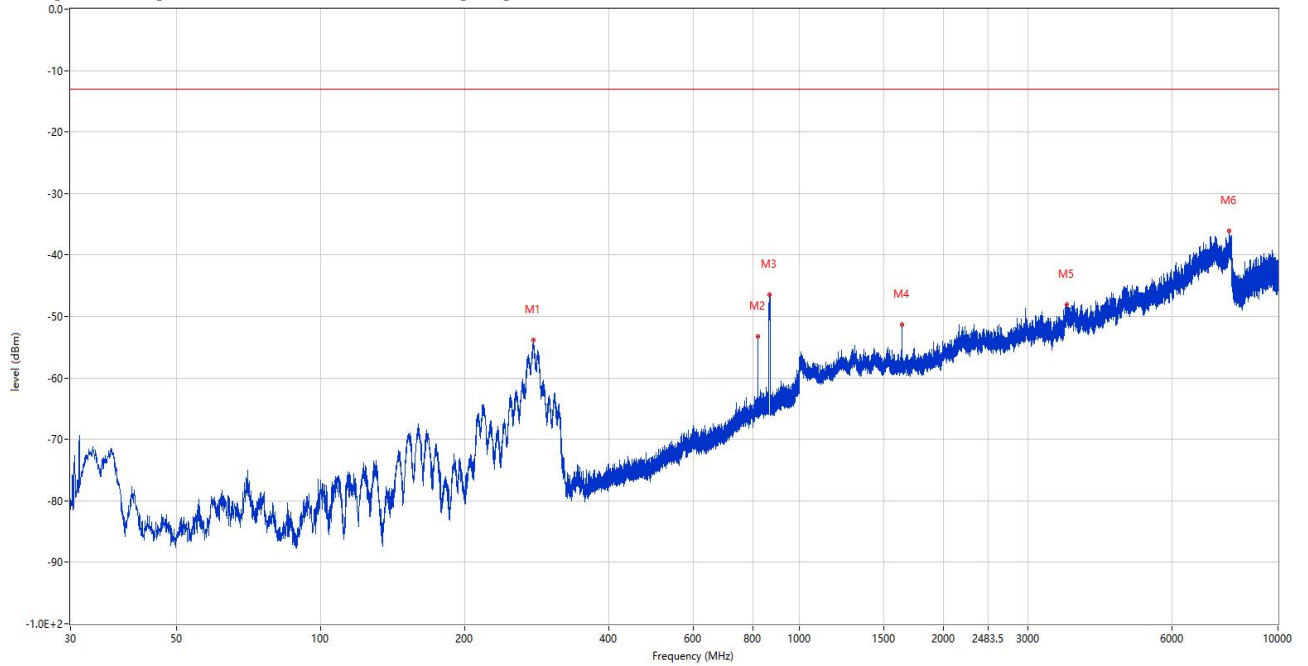
RSE (RF) _FCC PART22&24&27_GSM 850 & CDMA BC0 & WCDMA Band5 & LTE Band 5 & 26_814-849_30MHz-10GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
285.789	-56.43	-10.26	-13.0	43.43	188.00	Vertical	Horizontal	Pass
819.338	-59.52	5.24	-13.0	46.52	274.00	Vertical	Horizontal	N/A
867.255	-38.78	5.44	-13.0	25.78	214.00	Vertical	Horizontal	N/A
2437.000	-49.67	1.12	-13.0	36.67	253.00	Vertical	Horizontal	Pass
4365.500	-45.56	9.04	-13.0	32.56	326.00	Vertical	Horizontal	Pass
7901.250	-36.15	19.19	-13.0	23.15	322.00	Vertical	Horizontal	Pass

Band:LTE B26

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

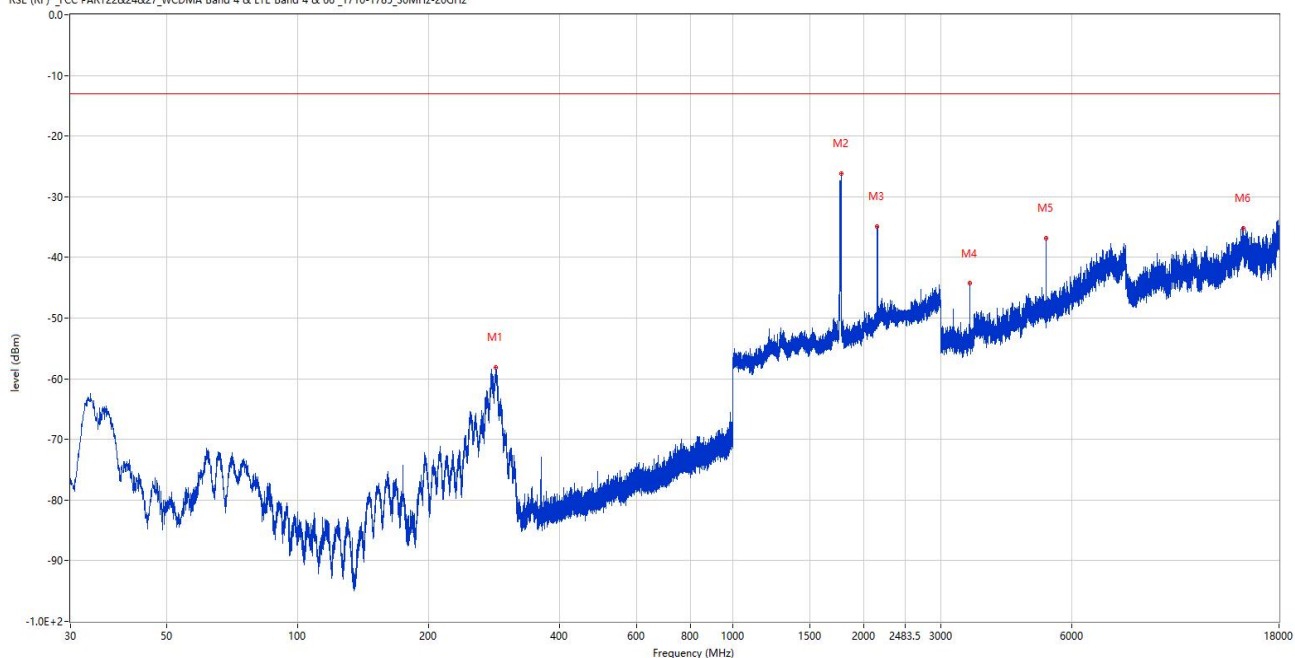


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
277.738	-53.88	-10.11	-13.0	40.88	280.00	Horizontal	Horizontal	Pass
819.386	-53.24	5.24	-13.0	40.24	276.00	Horizontal	Horizontal	N/A
866.043	-46.44	5.49	-13.0	33.44	276.00	Horizontal	Horizontal	N/A
1639.500	-51.29	-3.69	-13.0	38.29	152.00	Horizontal	Horizontal	Pass
3622.750	-48.01	7.94	-13.0	35.01	131.00	Horizontal	Horizontal	Pass
7901.500	-36.11	19.19	-13.0	23.11	135.00	Horizontal	Horizontal	Pass

1.11LTE Band 66

Band:LTE B66

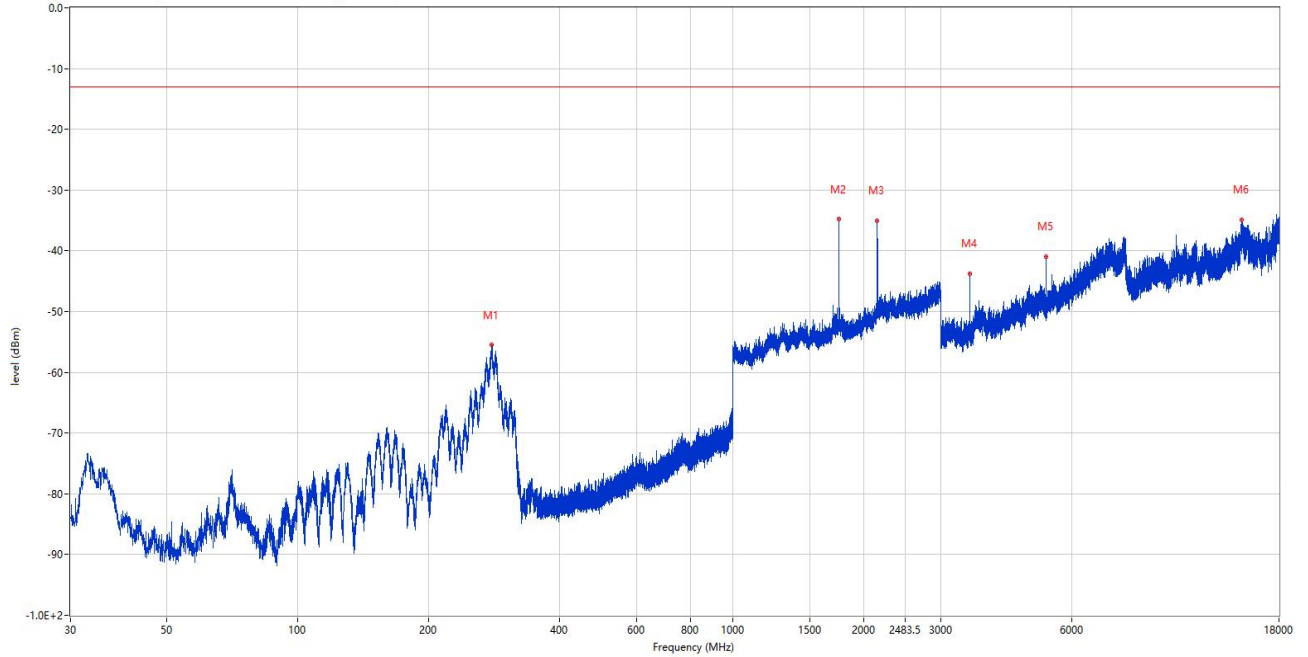
RSE (RF) _FCC PART22&24&27_WCDMA Band 4 & LTE Band 4 & 66 _1710-1785_30MHz-20GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
285.207	-58.08	-13.02	-13.0	45.08	179.00	Vertical	Horizontal	Pass
1774.600	-26.22	2.85	-13.0	13.22	192.00	Vertical	Horizontal	N/A
2147.200	-34.86	4.59	-13.0	21.86	250.00	Vertical	Horizontal	N/A
3499.500	-44.29	5.55	-13.0	31.29	123.00	Vertical	Horizontal	Pass
5248.500	-36.76	9.96	-13.0	23.76	95.00	Vertical	Horizontal	Pass
14911.162	-35.18	24.06	-13.0	22.18	289.00	Vertical	Horizontal	Pass

Band:LTE B66

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

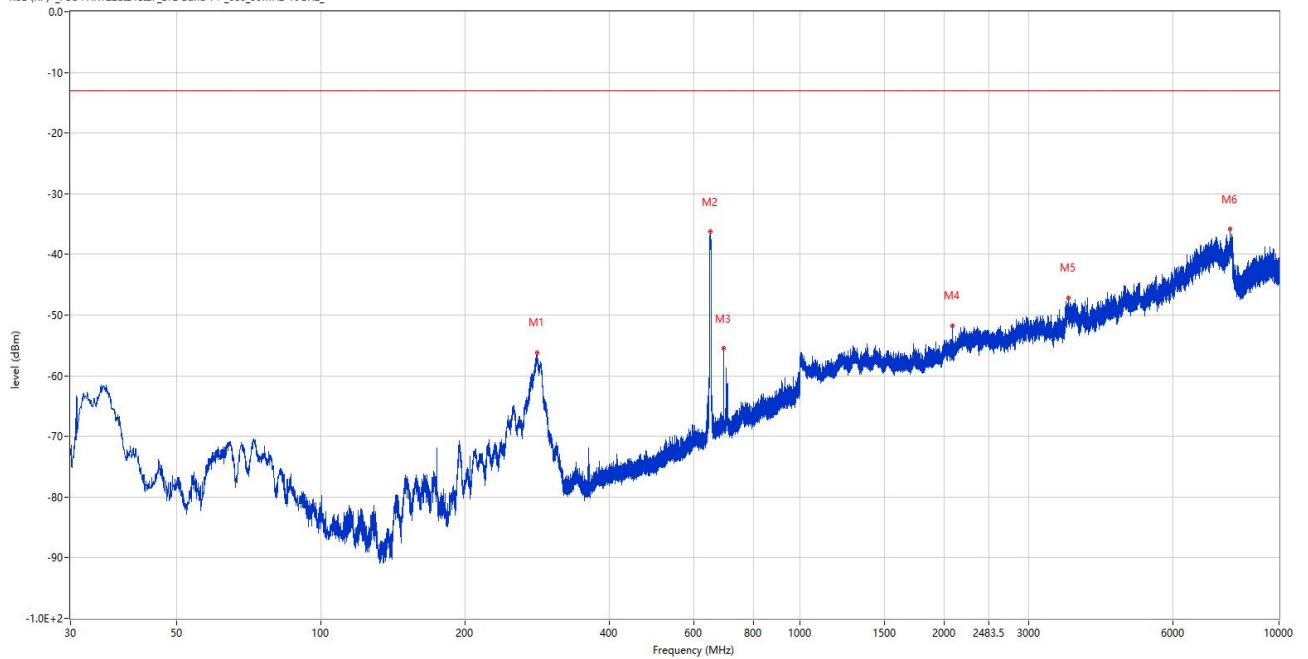


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
279.193	-55.53	-13.12	-13.0	42.53	262.00	Horizontal	Horizontal	Pass
1750.200	-34.83	2.60	-13.0	21.83	243.00	Horizontal	Horizontal	N/A
2146.800	-35.08	4.57	-13.0	22.08	28.00	Horizontal	Horizontal	N/A
3499.500	-43.81	5.55	-13.0	30.81	63.00	Horizontal	Horizontal	Pass
5248.500	-41.01	9.96	-13.0	28.01	84.00	Horizontal	Horizontal	Pass
14800.650	-34.94	24.33	-13.0	21.94	179.00	Horizontal	Horizontal	Pass

1.12LTE Band 71

Band:LTE B71

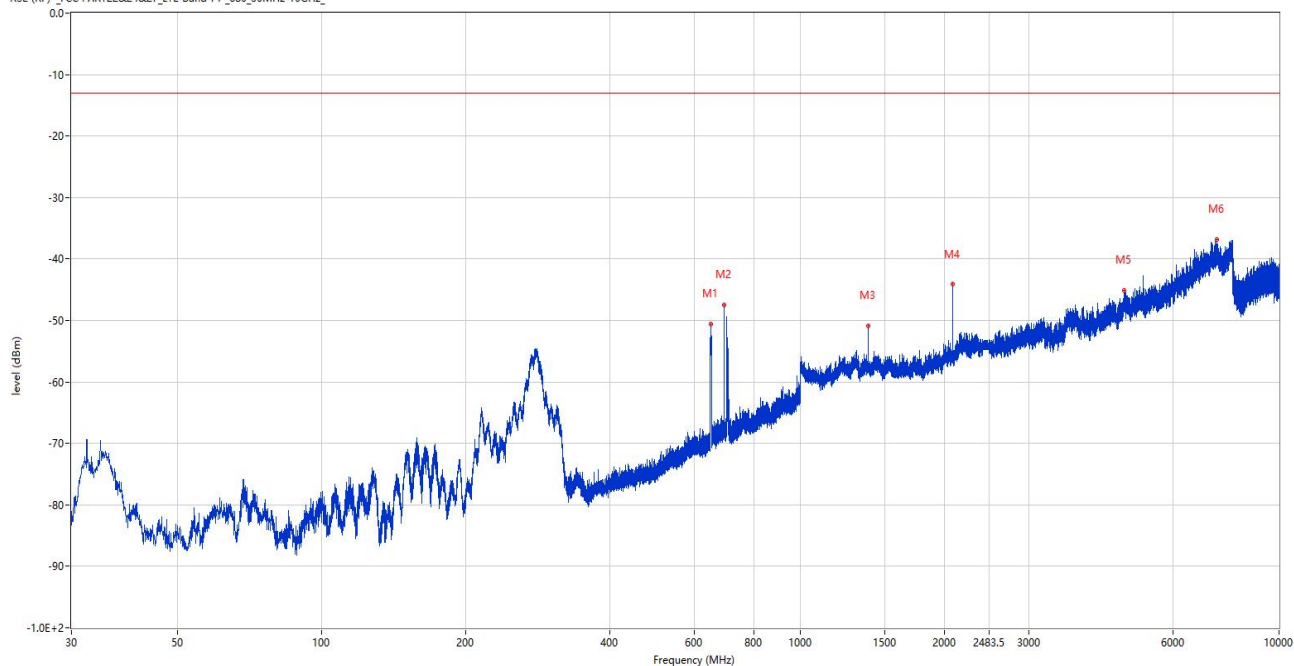
RSE (RF) _FCC PART22&24&27_LTE Band 71 _680_30MHz-10GHz_



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
282.830	-56.24	-10.30	-13.0	43.24	192.00	Vertical	Horizontal	Pass
651.188	-36.32	0.57	-13.0	23.32	359.00	Vertical	Horizontal	N/A
693.383	-55.50	2.47	-13.0	42.50	198.00	Vertical	Horizontal	N/A
2080.600	-51.75	-1.52	-13.0	38.75	174.00	Vertical	Horizontal	Pass
3633.000	-47.18	8.19	-13.0	34.18	183.00	Vertical	Horizontal	Pass
7911.750	-35.85	19.33	-13.0	22.85	196.00	Vertical	Horizontal	Pass

Band:LTE B71

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
651.188	-50.61	0.57	-13.0	37.61	282.00	Horizontal	Horizontal	N/A
693.383	-47.49	2.47	-13.0	34.49	137.00	Horizontal	Horizontal	N/A
1387.700	-50.90	-3.42	-13.0	37.90	279.00	Horizontal	Horizontal	Pass
2080.800	-44.14	-1.52	-13.0	31.14	230.00	Horizontal	Horizontal	Pass
4741.750	-45.13	10.94	-13.0	32.13	28.00	Horizontal	Horizontal	Pass
7417.000	-36.86	18.81	-13.0	23.86	315.00	Horizontal	Horizontal	Pass