

Field Strength of Spurious Radiation

GSM and WCDMA Mode Test Verdict

Test Band	Test Channel	Verdict
GSM 850	LCH	Pass
	MCH	Pass
	HCH	Pass
GSM 1900	LCH	Pass
	MCH	Pass
	HCH	Pass
WCDMA Band 2	LCH	Pass
	MCH	Pass
	HCH	Pass
WCDMA Band 4	LCH	Pass
	MCH	Pass
	HCH	Pass
WCDMA Band 5	LCH	Pass
	MCH	Pass
	HCH	Pass

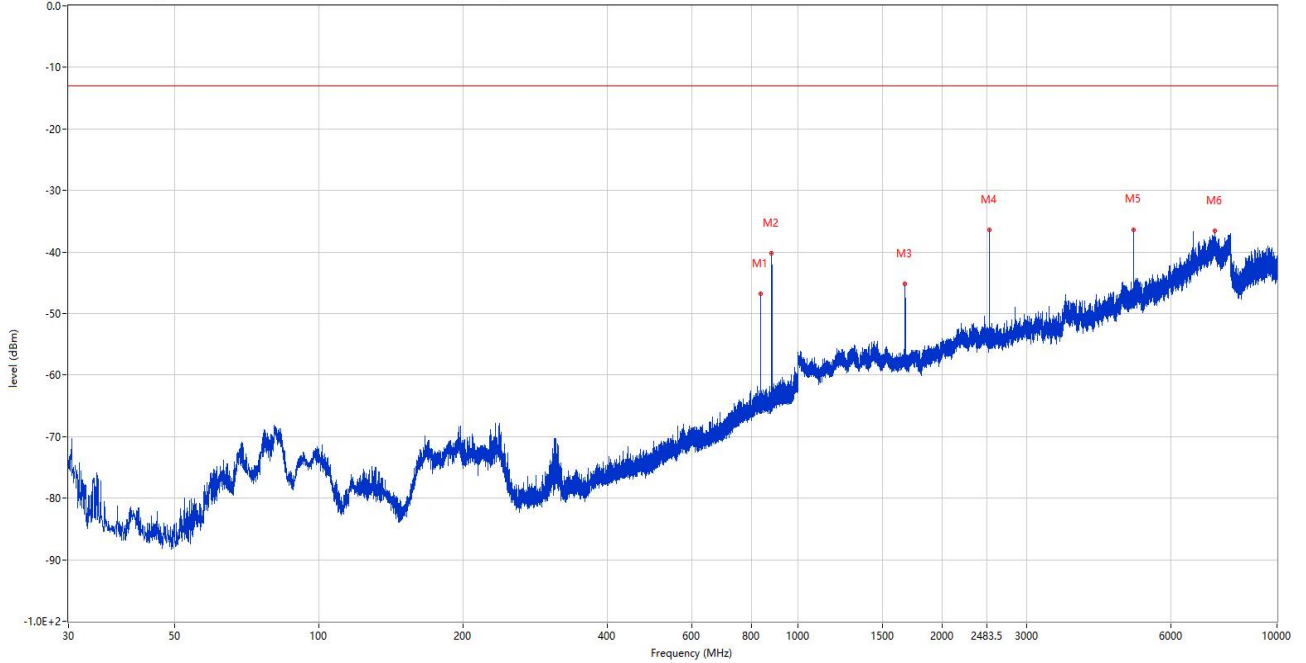
LTE Mode Test Verdict

Test Band	Test Bandwidth	UL Channel	UL RB Number	UL RB Position	Verdict
Band 2	20 MHz	18700	1	MID	Pass
Band 4	1.4 MHz	19957	1	LOW	Pass
Band 5	10 MHz	20525	1	MID	Pass
Band 7	10 MHz	21400	1	MID	Pass
Band 12	10 MHz	23095	1	MID	Pass
Band 13	10 MHz	23230	1	MID	Pass
Band 17	10 MHz	23790	1	MID	Pass
Band 25	1.4 MHz	26047	1	MID	Pass
Band 26 (Part22)	1.4 MHz	27033	3	MID	Pass
Band 26 (Part90)	1.4 MHz	26783	1	MID	Pass
Band 38	10 MHz	38200	1	MID	Pass
Band 41(120M)	10 MHz	41190	1	MID	Pass
Band 66	1.4 MHz	132665	1	MID	Pass
Band 71	20 MHz	133222	1	MID	Pass

GSM

1.1 GSM850

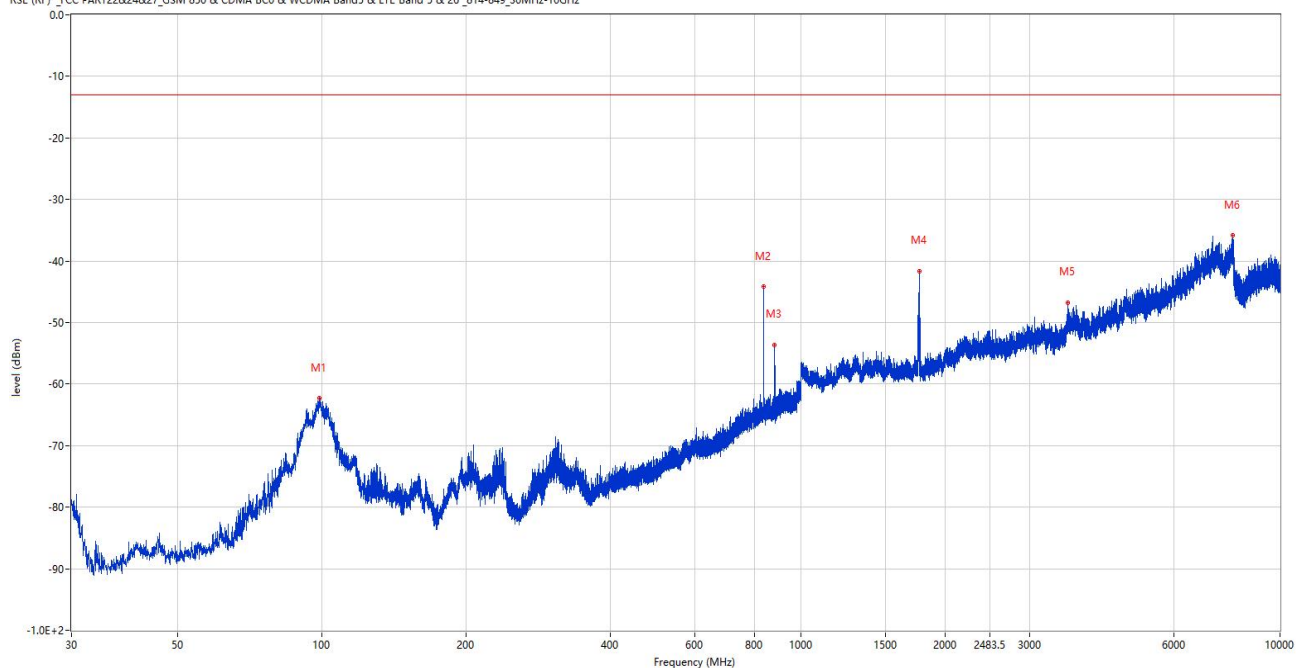
RSE (RF) _FCC PART22&24&27_GSM 850 & CDMA BC0 & WCDMA Band5 & LTE Band 5 & 26_814-849_30MHz-10GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
836.604	-46.81	5.71	-13.0	33.81	197.00	Vertical	Horizontal	N/A
881.563	-40.21	5.76	-13.0	27.21	139.00	Vertical	Horizontal	N/A
1674.100	-45.23	-3.70	-13.0	32.23	109.00	Vertical	Horizontal	Pass
2510.800	-36.46	0.53	-13.0	23.46	84.00	Vertical	Horizontal	Pass
5020.250	-36.35	10.09	-13.0	23.35	72.00	Vertical	Horizontal	Pass
7406.500	-36.60	19.05	-13.0	23.60	218.00	Vertical	Horizontal	Pass

Band:GSM850

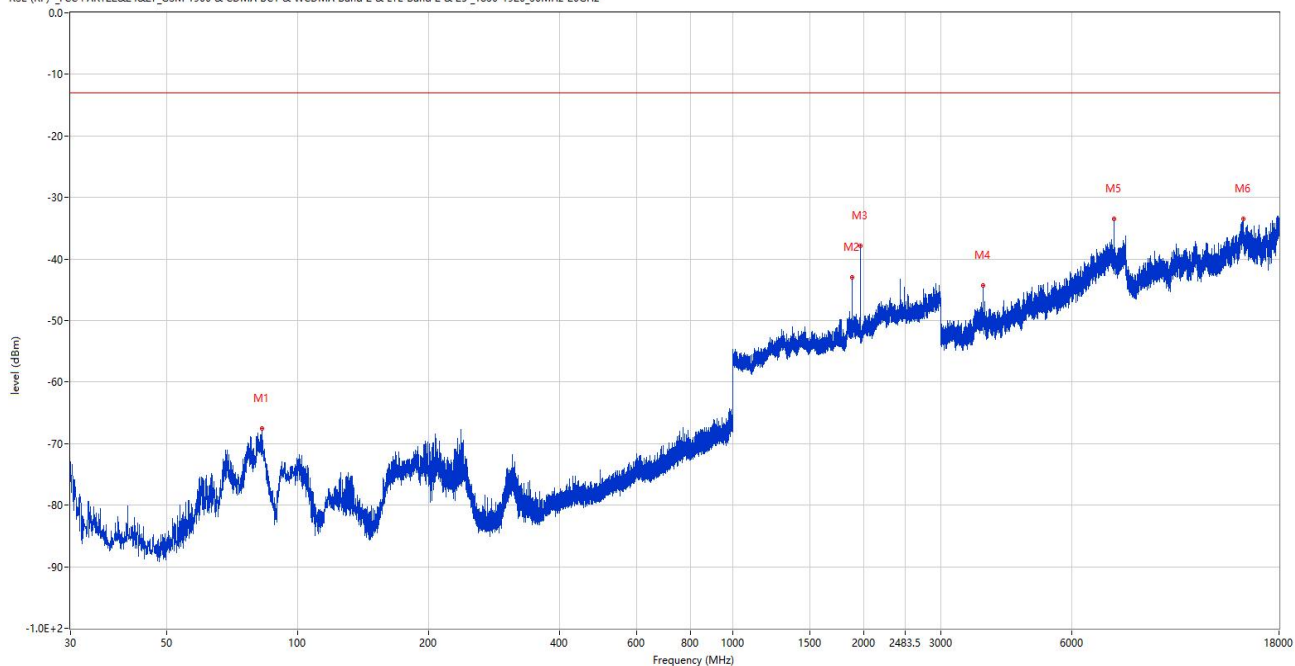
RSE (RF) _FCC PART22&24&27_GSM 850 & CDMA BC0 & WCDMA Band5 & LTE Band 5 & 26_814-849_30MHz-10GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
98.628	-62.33	-17.21	-13.0	49.33	1.00	Horizontal	Horizontal	Pass
836.555	-44.17	5.71	-13.0	31.17	197.00	Horizontal	Horizontal	N/A
881.660	-53.60	5.76	-13.0	40.60	167.00	Horizontal	Horizontal	N/A
1765.000	-41.62	-3.40	-13.0	28.62	301.00	Horizontal	Horizontal	Pass
3610.250	-46.82	7.62	-13.0	33.82	200.00	Horizontal	Horizontal	Pass
7964.500	-35.88	19.79	-13.0	22.88	203.00	Horizontal	Horizontal	Pass

1.2 GSM1900

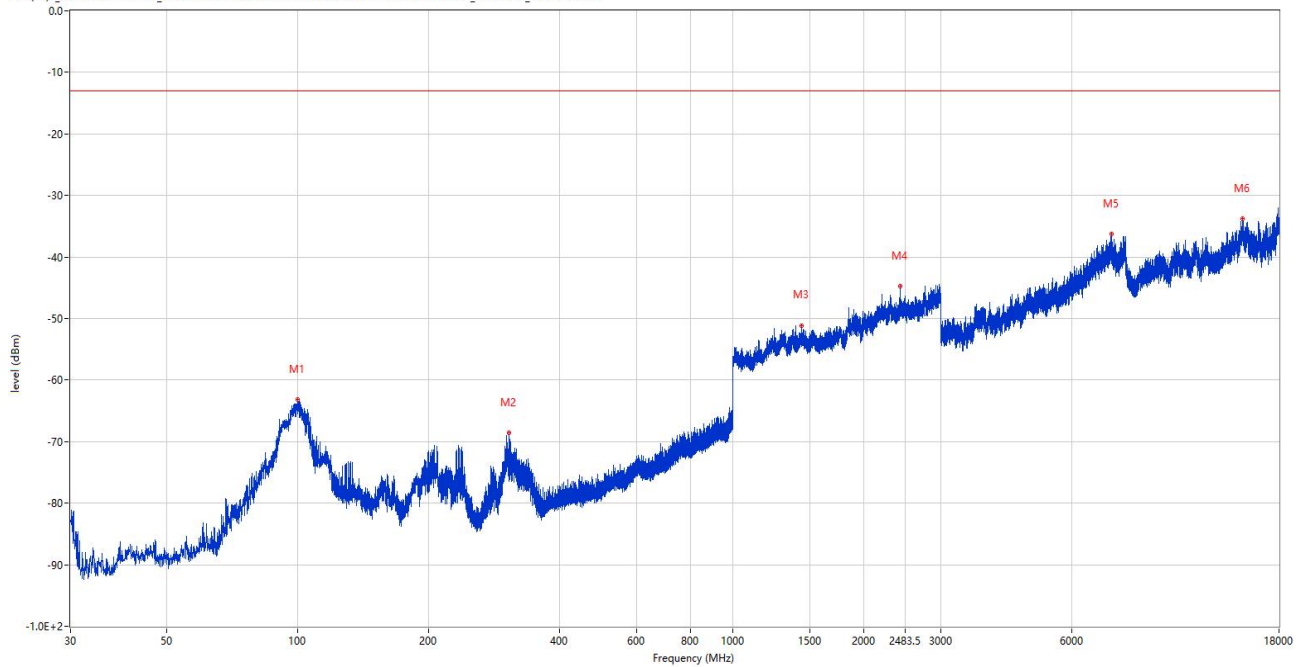
RSE (RF) _FCC PART22&24&27_GSM 1900 & CDMA BC1 & WCDMA Band 2 & LTE Band 2 & 25_1830-1920_30MHz-20GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
82.719	-67.53	-19.64	-13.0	54.53	347.00	Vertical	Horizontal	Pass
1880.800	-43.03	3.42	-13.0	30.03	59.00	Vertical	Horizontal	N/A
1960.800	-37.89	2.84	-13.0	24.89	173.00	Vertical	Horizontal	N/A
3760.750	-44.26	8.75	-13.0	31.26	110.00	Vertical	Horizontal	Pass
7520.750	-33.52	18.32	-13.0	20.52	249.00	Vertical	Horizontal	Pass
14930.000	-33.48	23.61	-13.0	20.48	18.00	Vertical	Horizontal	Pass

Band:GSM1900

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

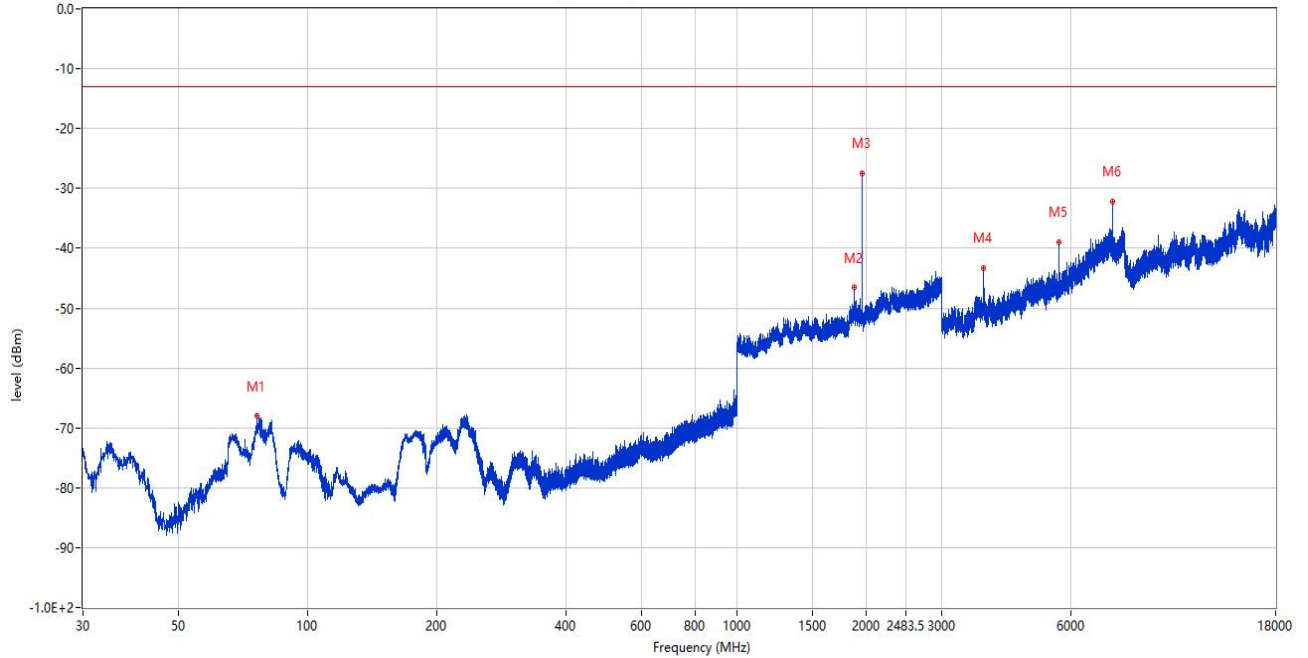


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
99.840	-63.15	-18.85	-13.0	50.15	167.00	Horizontal	Horizontal	Pass
305.141	-68.60	-13.26	-13.0	55.60	93.00	Horizontal	Horizontal	Pass
1436.500	-51.20	0.91	-13.0	38.20	338.00	Horizontal	Horizontal	Pass
2426.800	-44.79	6.26	-13.0	31.79	324.00	Horizontal	Horizontal	Pass
7412.500	-36.23	19.01	-13.0	23.23	260.00	Horizontal	Horizontal	Pass
14830.000	-33.82	24.19	-13.0	20.82	188.00	Horizontal	Horizontal	Pass

1. WCDMA

2.1 WCDMA B2

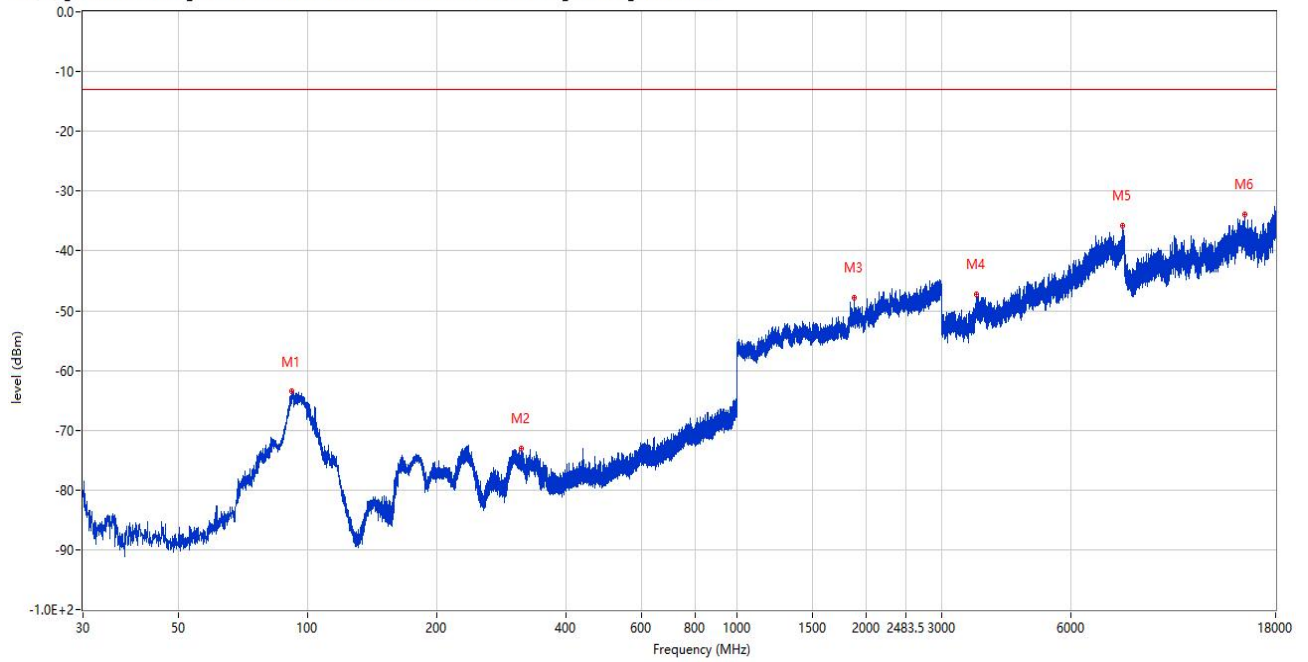
RSE (RF) _FCC PART22&24&27_GSM 1900 & CDMA BC1 & WCDMA Band 2 & LTE Band 2 & 25_1830-1920_30MHz-20GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
76.317	-68.00	-19.45	-13.0	55.00	40.00	Vertical	Horizontal	Pass
1881.300	-46.51	3.42	-13.0	33.51	39.00	Vertical	Horizontal	N/A
1961.100	-27.48	2.81	-13.0	14.48	183.00	Vertical	Horizontal	N/A
3758.250	-43.30	8.78	-13.0	30.30	106.00	Vertical	Horizontal	Pass
5643.000	-38.93	11.27	-13.0	25.93	67.00	Vertical	Horizontal	Pass
7515.750	-32.21	18.22	-13.0	19.21	261.00	Vertical	Horizontal	Pass

Band:WCDMA B2

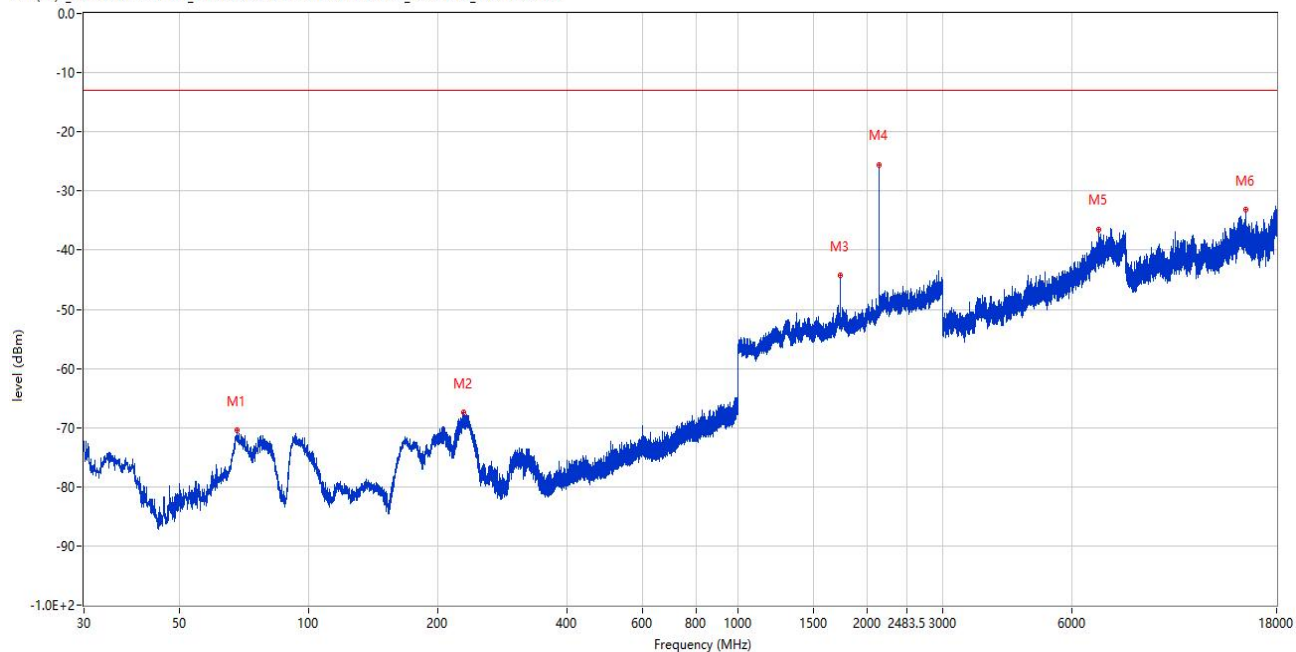
RSE (RF) _FCC PART22&24&27_GSM 1900 & CDMA BC1 & WCDMA Band 2 & LTE Band 2 & 25_1830-1920_30MHz-20GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
91.838	-63.53	-19.16	-13.0	50.53	158.00	Horizontal	Horizontal	Pass
315.519	-73.05	-13.27	-13.0	60.05	249.00	Horizontal	Horizontal	Pass
1881.000	-47.93	3.42	-13.0	34.93	329.00	Horizontal	Horizontal	Pass
3612.000	-47.27	7.65	-13.0	34.27	289.00	Horizontal	Horizontal	Pass
7903.000	-35.75	19.22	-13.0	22.75	52.00	Horizontal	Horizontal	Pass
15265.000	-33.85	22.62	-13.0	20.85	68.00	Horizontal	Horizontal	Pass

2.2 WCDMA B4

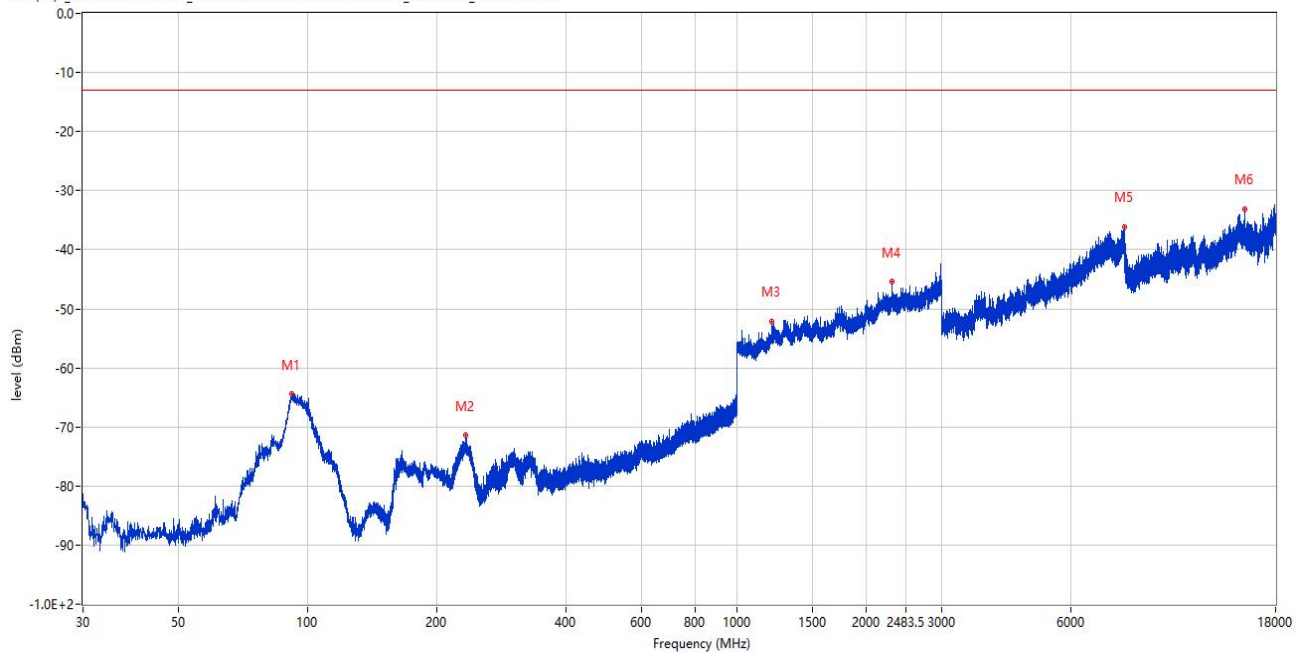
RSE (RF) _FCC PART22&24&27_WCDMA Band 4 & LTE Band 4 & 66_1710-1785_30MHz-20GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
68.170	-70.52	-17.63	-13.0	57.52	228.00	Vertical	Horizontal	Pass
230.062	-67.47	-15.01	-13.0	54.47	160.00	Vertical	Horizontal	Pass
1734.500	-44.34	2.76	-13.0	31.34	341.00	Vertical	Horizontal	N/A
2133.800	-25.68	4.05	-13.0	12.68	203.00	Vertical	Horizontal	N/A
6929.750	-36.49	16.25	-13.0	23.49	154.00	Vertical	Horizontal	Pass
15268.163	-33.23	22.57	-13.0	20.23	246.00	Vertical	Horizontal	Pass

Band:WCDMA B4

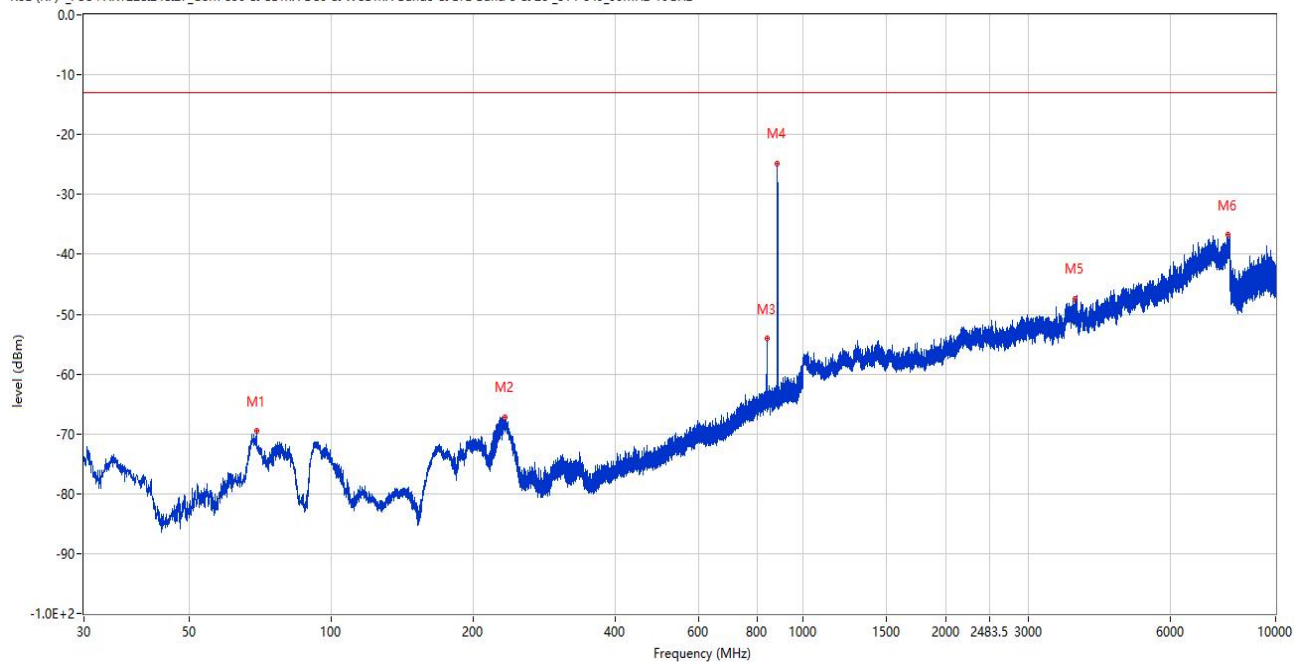
RSE (RF) _FCC PART22&24&27_WCDMA Band 4 & LTE Band 4 & 66_1710-1785_30MHz-20GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
91.935	-64.49	-19.14	-13.0	51.49	158.00	Horizontal	Horizontal	Pass
233.797	-71.43	-14.60	-13.0	58.43	30.00	Horizontal	Horizontal	Pass
1208.700	-52.24	0.01	-13.0	39.24	47.00	Horizontal	Horizontal	Pass
2300.900	-45.45	6.06	-13.0	32.45	268.00	Horizontal	Horizontal	Pass
7995.250	-36.16	20.06	-13.0	23.16	101.00	Horizontal	Horizontal	Pass
15243.225	-33.17	22.65	-13.0	20.17	167.00	Horizontal	Horizontal	Pass

2.3 WCDMA B5

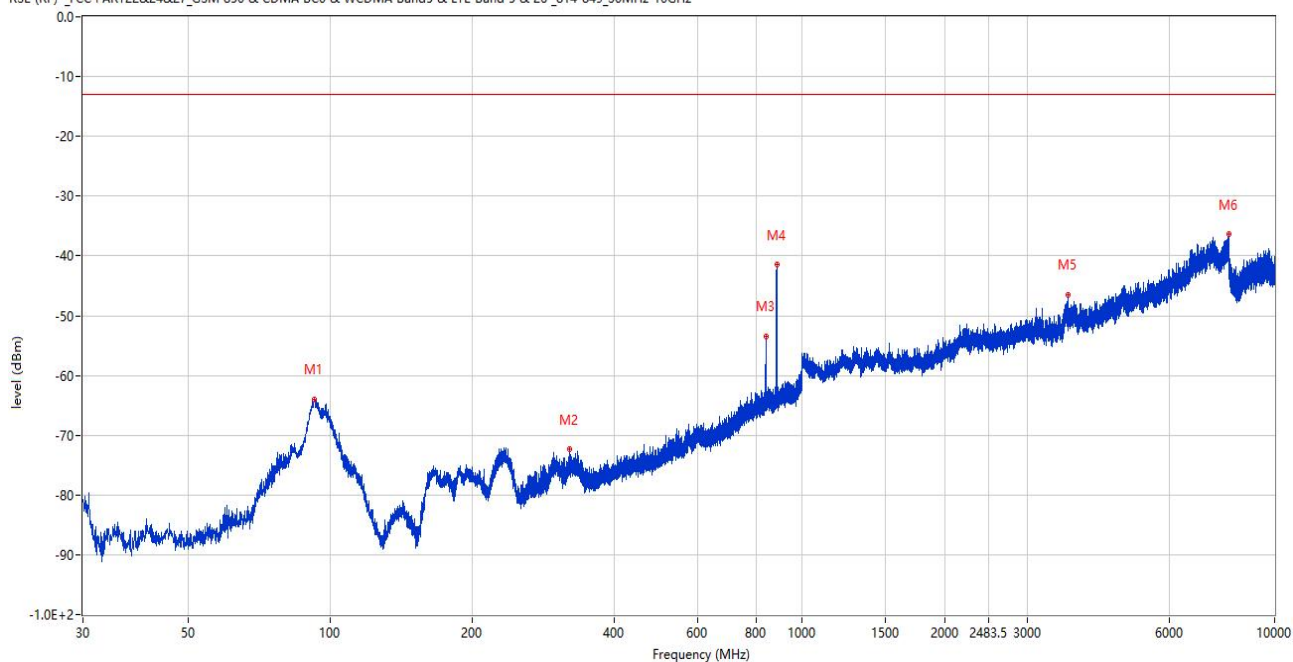
RSE (RF) _FCC PART22&24&27_GSM 850 & CDMA BC0 & WCDMA Band5 & LTE Band 5 & 26_814-849_30MHz-10GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
69.576	-69.56	-16.94	-13.0	56.56	59.00	Vertical	Horizontal	Pass
233.264	-67.18	-12.30	-13.0	54.18	158.00	Vertical	Horizontal	Pass
837.913	-54.11	5.75	-13.0	41.11	42.00	Vertical	Horizontal	N/A
881.514	-24.77	5.77	-13.0	11.77	252.00	Vertical	Horizontal	N/A
3764.000	-47.40	8.55	-13.0	34.40	327.00	Vertical	Horizontal	Pass
7928.500	-36.75	19.14	-13.0	23.75	327.00	Vertical	Horizontal	Pass

Band:WCDMA B5

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



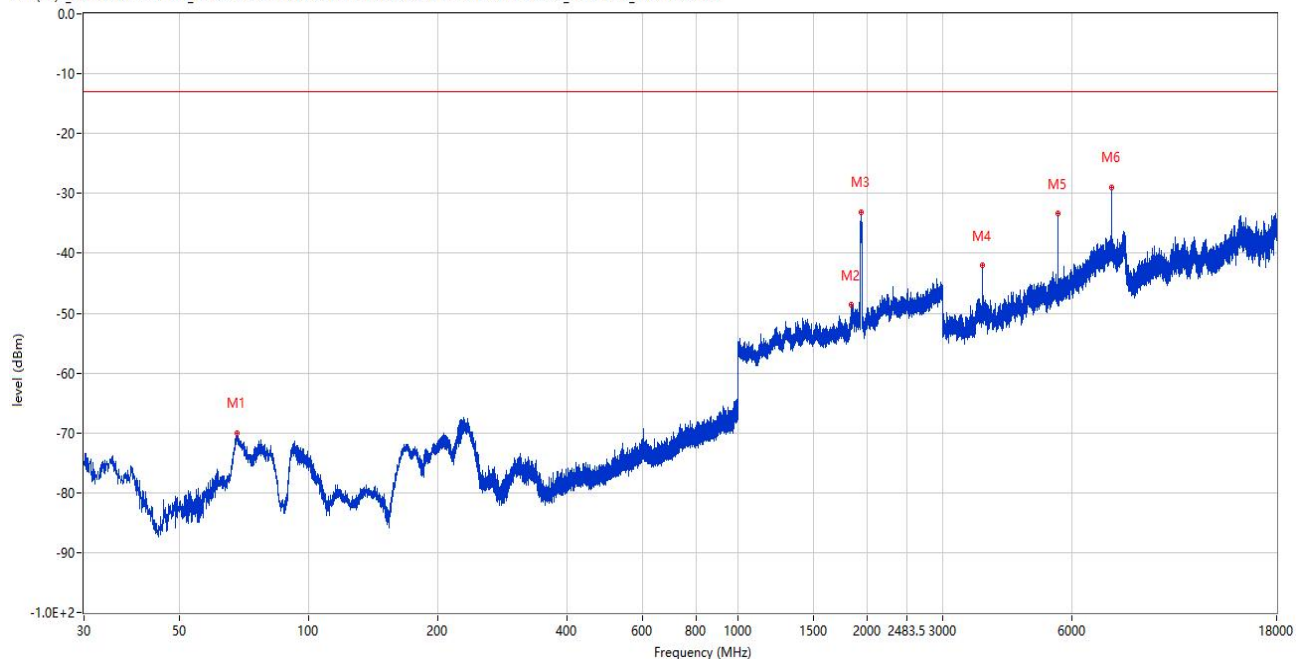
Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
92.808	-64.03	-17.72	-13.0	51.03	173.00	Horizontal	Horizontal	Pass
322.261	-72.33	-10.17	-13.0	59.33	266.00	Horizontal	Horizontal	Pass
837.719	-53.39	5.74	-13.0	40.39	246.00	Horizontal	Horizontal	N/A
882.630	-41.50	5.74	-13.0	28.50	138.00	Horizontal	Horizontal	N/A
3648.500	-46.48	8.11	-13.0	33.48	190.00	Horizontal	Horizontal	Pass
7991.750	-36.37	19.96	-13.0	23.37	107.00	Horizontal	Horizontal	Pass

2. LTE

3.1 LTE Band 2

Band:LTE B2

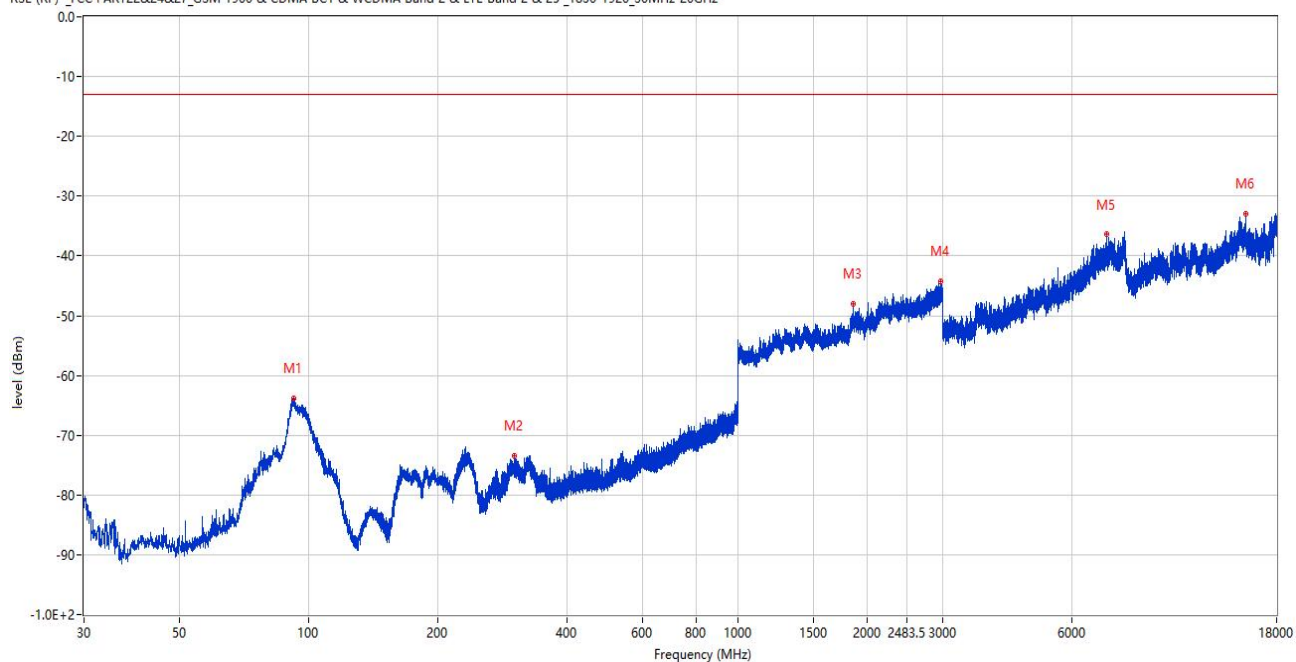
RSE (RF) _FCC PART22&24&27_GSM 1900 & CDMA BC1 & WCDMA Band 2 & LTE Band 2 & 25 _1830-1920_30MHz-20GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
68.267	-70.05	-17.66	-13.0	57.05	240.00	Vertical	Horizontal	Pass
1839.900	-48.67	3.40	-13.0	35.67	178.00	Vertical	Horizontal	N/A
1942.900	-33.05	2.84	-13.0	20.05	187.00	Vertical	Horizontal	N/A
3721.000	-42.03	8.71	-13.0	29.03	240.00	Vertical	Horizontal	Pass
5581.000	-33.35	10.31	-13.0	20.35	47.00	Vertical	Horizontal	Pass
7440.750	-29.00	18.20	-13.0	16.00	154.00	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

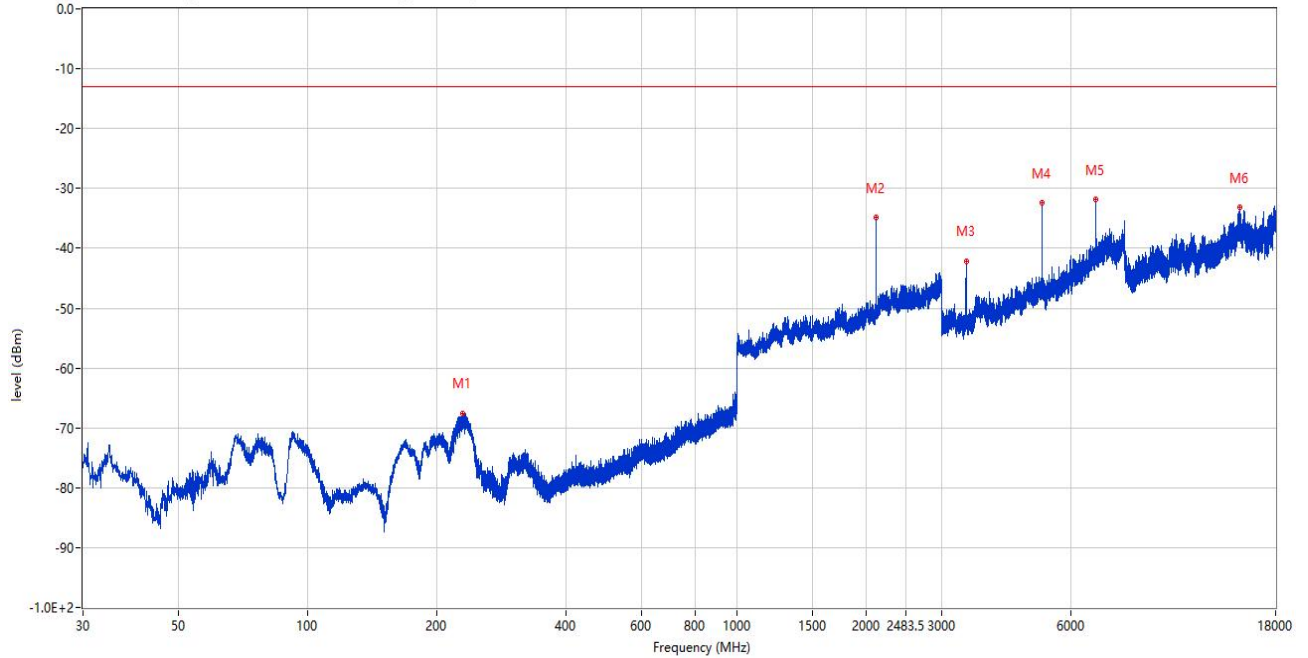


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
92.420	-63.78	-19.13	-13.0	50.78	163.00	Horizontal	Horizontal	Pass
301.018	-73.43	-13.13	-13.0	60.43	251.00	Horizontal	Horizontal	Pass
1860.200	-48.03	3.31	-13.0	35.03	0.00	Horizontal	Horizontal	Pass
2975.300	-44.21	10.02	-13.0	31.21	147.00	Horizontal	Horizontal	Pass
7223.000	-36.43	18.55	-13.0	23.43	112.00	Horizontal	Horizontal	Pass
15260.000	-32.96	22.70	-13.0	19.96	168.00	Horizontal	Horizontal	Pass

3.2 LTE Band 4

Band:LTE B4

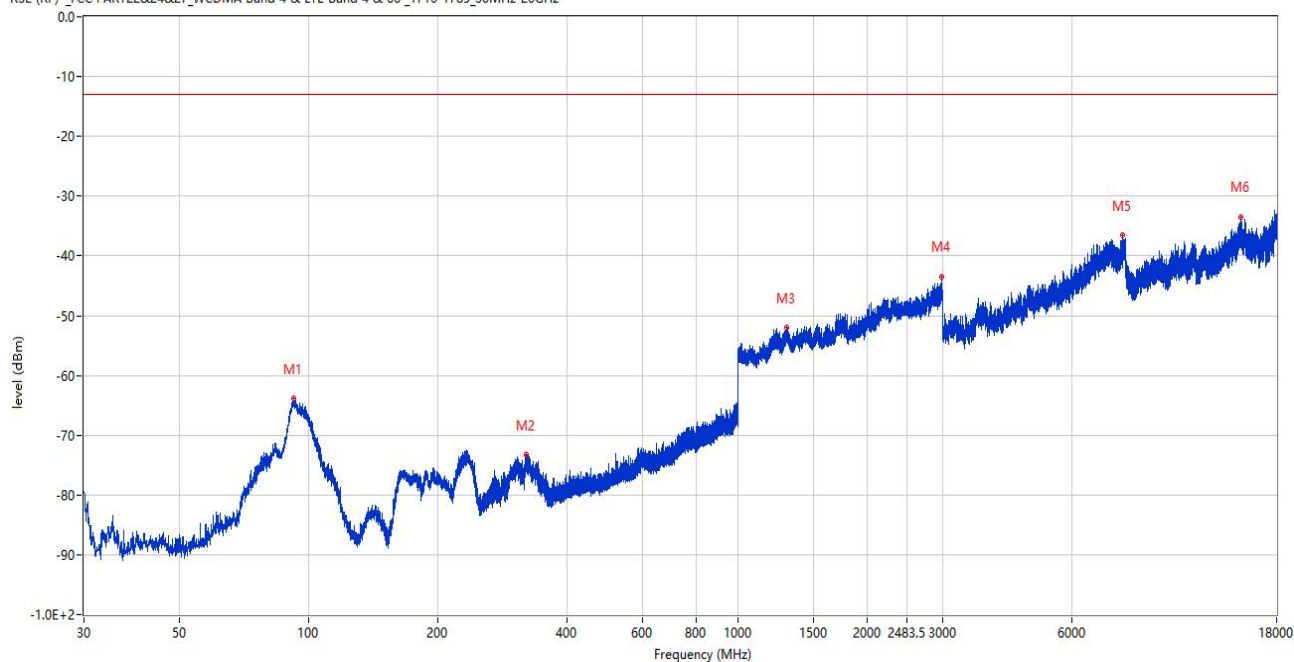
RSE (RF) _FCC PART22&24&27_WCDMA Band 4 & LTE Band 4 & 66_1710-1785_30MHz-20GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
230.256	-67.67	-14.99	-13.0	54.67	161.00	Vertical	Horizontal	Pass
2111.600	-34.91	3.96	-13.0	21.91	177.00	Vertical	Horizontal	N/A
3421.250	-42.17	5.36	-13.0	29.17	148.00	Vertical	Horizontal	Pass
5131.000	-32.45	10.86	-13.0	19.45	59.00	Vertical	Horizontal	Pass
6841.750	-31.85	16.26	-13.0	18.85	170.00	Vertical	Horizontal	Pass
14819.287	-33.20	24.55	-13.0	20.20	268.00	Vertical	Horizontal	Pass

Band:LTE B4

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

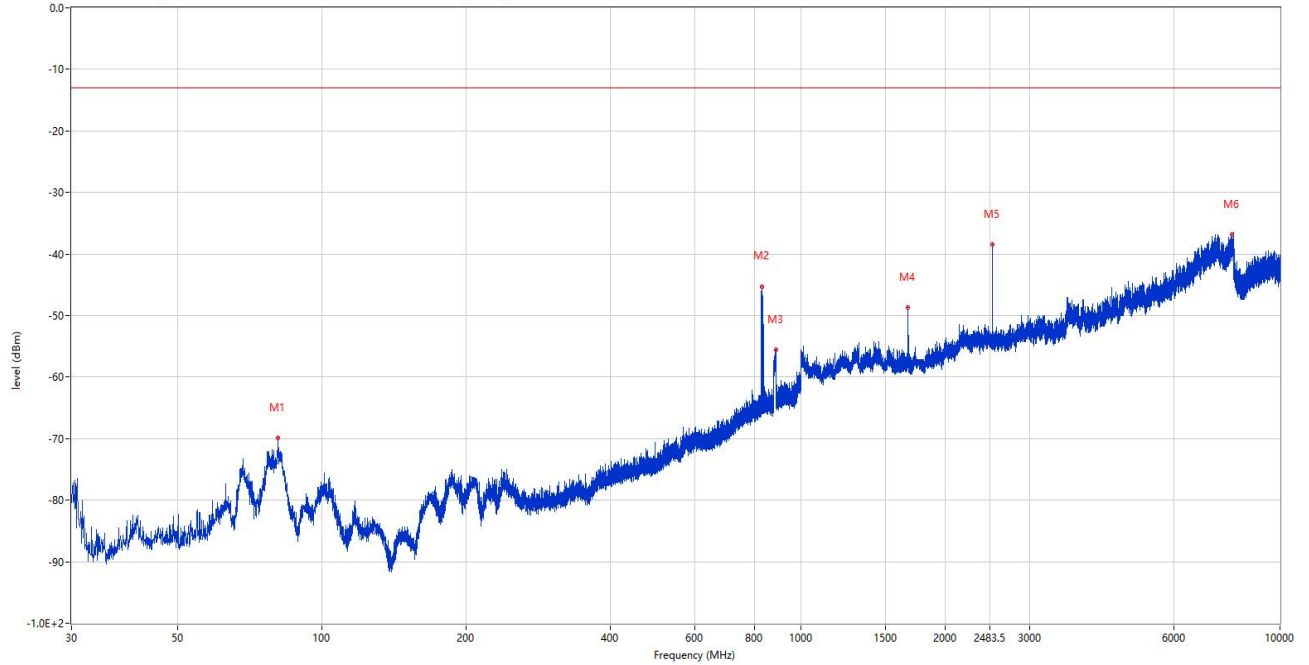


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
92.371	-63.88	-19.13	-13.0	50.88	163.00	Horizontal	Horizontal	Pass
322.310	-73.28	-13.05	-13.0	60.28	275.00	Horizontal	Horizontal	Pass
1299.600	-52.01	0.97	-13.0	39.01	359.00	Horizontal	Horizontal	Pass
2980.100	-43.43	10.18	-13.0	30.43	116.00	Horizontal	Horizontal	Pass
7880.000	-36.60	18.63	-13.0	23.60	38.00	Horizontal	Horizontal	Pass
14821.913	-33.52	24.48	-13.0	20.52	155.00	Horizontal	Horizontal	Pass

3.3 LTE Band 5

Band:LTE B5

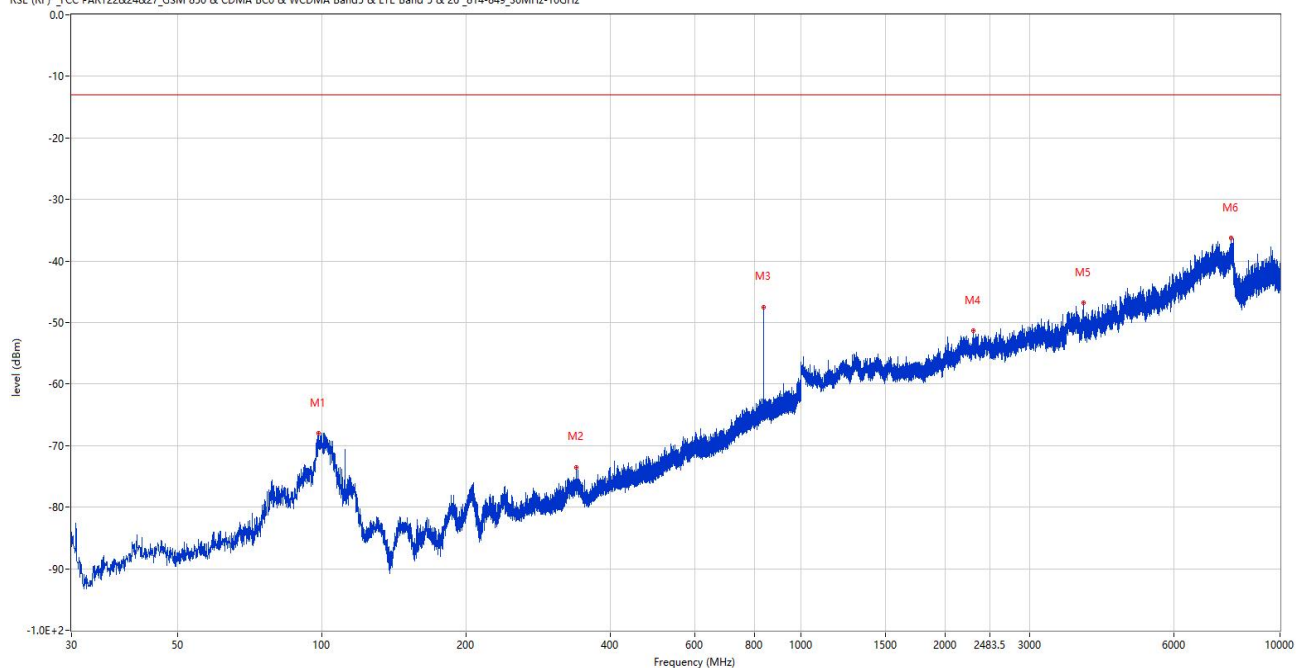
RSE (RF) _FCC PART22&24&27_GSM 850 & CDMA BC0 & WCDMA Band5 & LTE Band 5 & 26_814-849_30MHz-10GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
81.022	-69.84	-18.46	-13.0	56.84	105.00	Vertical	Horizontal	Pass
829.620	-45.27	5.53	-13.0	32.27	4.00	Vertical	Horizontal	N/A
885.394	-55.57	5.81	-13.0	42.57	36.00	Vertical	Horizontal	N/A
1674.000	-48.73	-3.70	-13.0	35.73	104.00	Vertical	Horizontal	Pass
2510.800	-38.46	0.53	-13.0	25.46	343.00	Vertical	Horizontal	Pass
7924.250	-36.87	19.20	-13.0	23.87	102.00	Vertical	Horizontal	Pass

Band:LTE B5

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

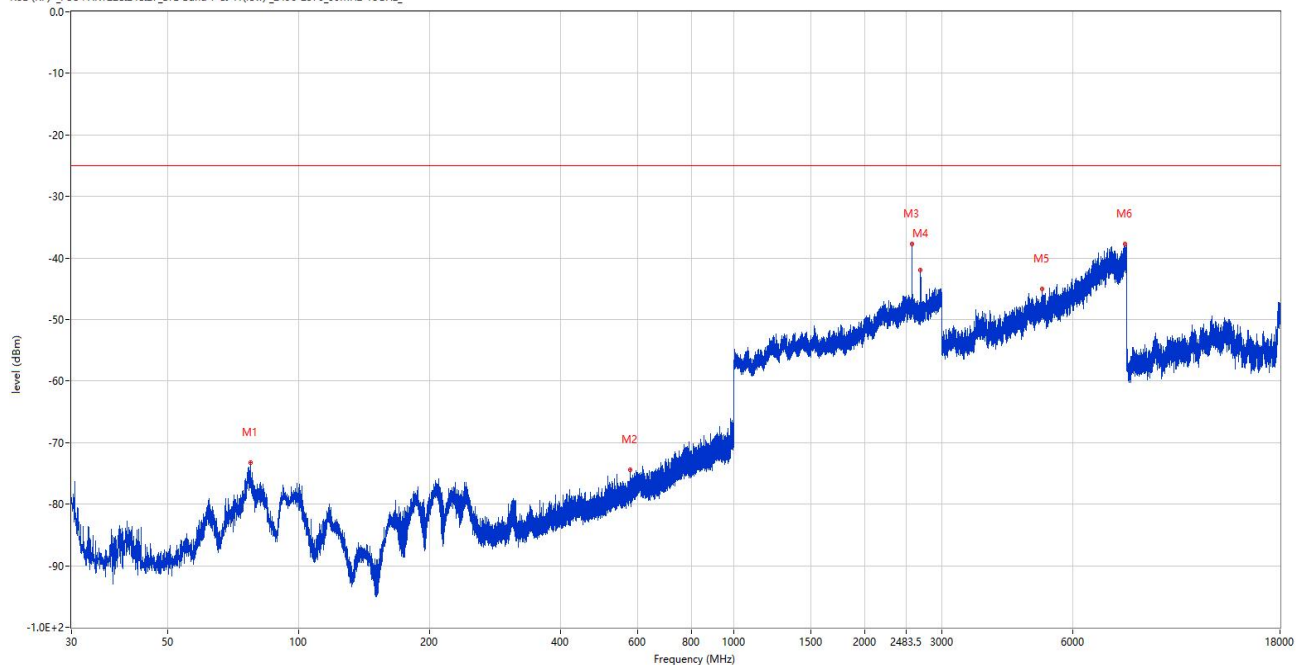


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
98.434	-67.95	-17.19	-13.0	54.95	172.00	Horizontal	Horizontal	Pass
339.624	-73.56	-8.73	-13.0	60.56	97.00	Horizontal	Horizontal	Pass
836.604	-47.46	5.71	-13.0	34.46	222.00	Horizontal	Horizontal	N/A
2293.800	-51.25	0.44	-13.0	38.25	95.00	Horizontal	Horizontal	Pass
3885.750	-46.74	8.65	-13.0	33.74	0.00	Horizontal	Horizontal	Pass
7893.000	-36.30	19.00	-13.0	23.30	152.00	Horizontal	Horizontal	Pass

3.4 LTE Band 7

Band:LTE B7

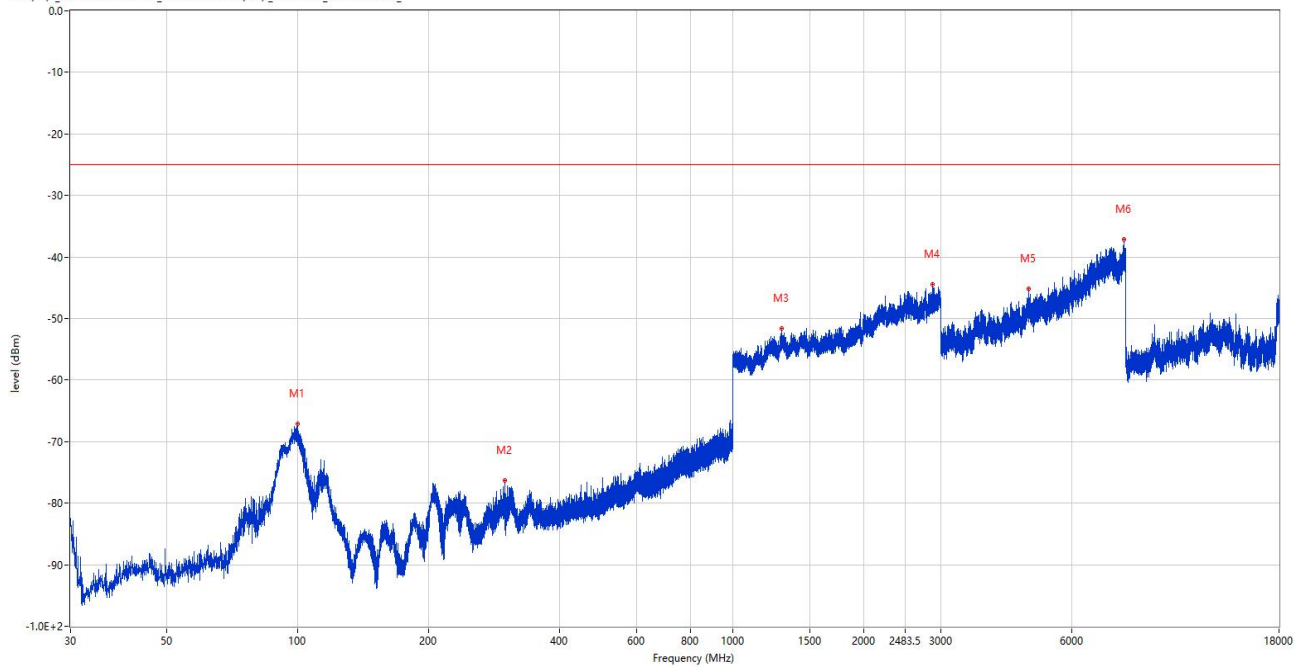
RSE (RF) _FCC PART22&24&27_LTE Band 7 & 41(low) _2496-2570_30MHz-18GHz_



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
77.336	-73.22	-19.53	-25.0	48.22	114.00	Vertical	Horizontal	Pass
578.098	-74.40	-5.60	-25.0	49.40	131.00	Vertical	Horizontal	Pass
2566.000	-37.67	7.65	-25.0	12.67	155.00	Vertical	Horizontal	N/A
2683.400	-41.95	6.85	-25.0	16.95	43.00	Vertical	Horizontal	N/A
5117.000	-45.09	11.10	-25.0	20.09	113.00	Vertical	Horizontal	Pass
7917.250	-37.79	19.28	-25.0	12.79	2.00	Vertical	Horizontal	Pass

Band:LTE B7

RSE (RF) _FCC PART22&24&27_LTE Band 7 & 41(low) _2496-2570_30MHz-18GHz_

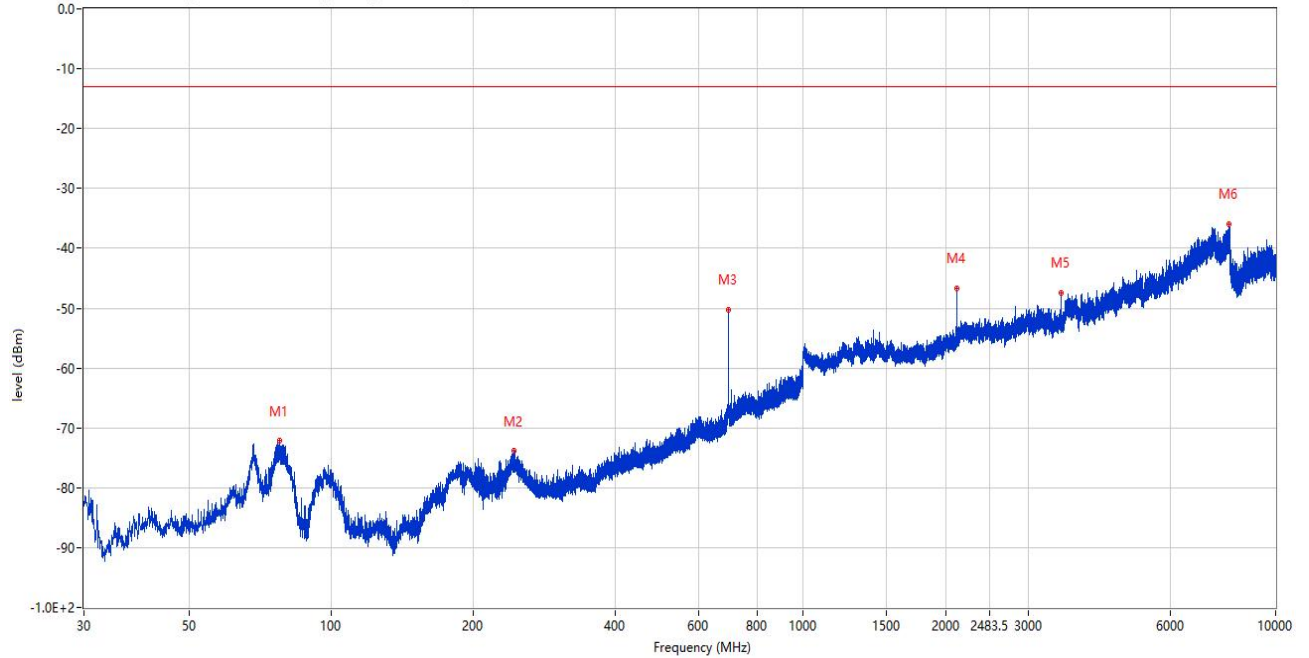


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
99.985	-67.10	-18.87	-25.0	42.10	150.00	Horizontal	Horizontal	Pass
298.399	-76.27	-13.08	-25.0	51.27	75.00	Horizontal	Horizontal	Pass
1293.400	-51.67	0.78	-25.0	26.67	143.00	Horizontal	Horizontal	Pass
2876.500	-44.48	8.78	-25.0	19.48	178.00	Horizontal	Horizontal	Pass
4788.000	-45.25	10.66	-25.0	20.25	225.00	Horizontal	Horizontal	Pass
7907.250	-37.15	19.30	-25.0	12.15	229.00	Horizontal	Horizontal	Pass

3.5 LTE Band 12

Band:LTE B12

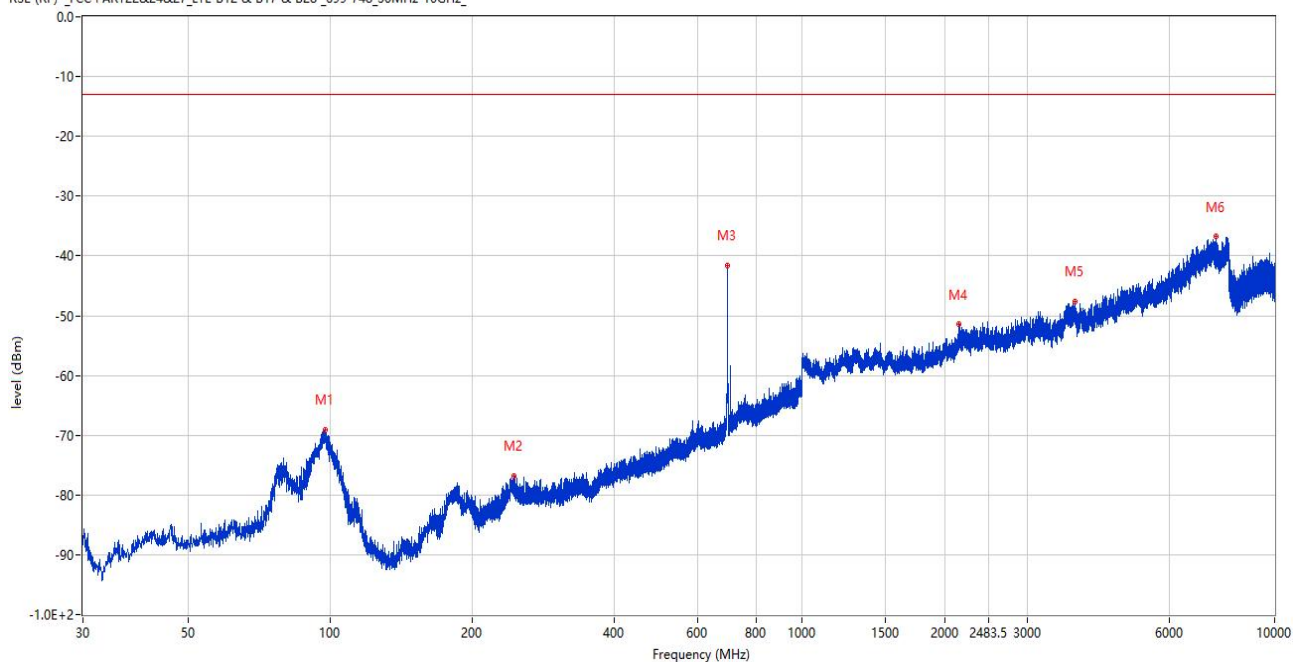
RSE (RF) _FCC PART22&24&27_LTE B12 & B17 & B28 _699-748_30MHz-10GHz_



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
77.821	-72.16	-18.47	-13.0	59.16	40.00	Vertical	Horizontal	Pass
243.982	-73.90	-12.27	-13.0	60.90	162.00	Vertical	Horizontal	Pass
694.353	-50.22	1.89	-13.0	37.22	190.00	Vertical	Horizontal	N/A
2110.000	-46.74	-0.89	-13.0	33.74	221.00	Vertical	Horizontal	Pass
3516.250	-47.44	5.33	-13.0	34.44	233.00	Vertical	Horizontal	Pass
7970.250	-35.89	19.79	-13.0	22.89	24.00	Vertical	Horizontal	Pass

Band:LTE B12

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

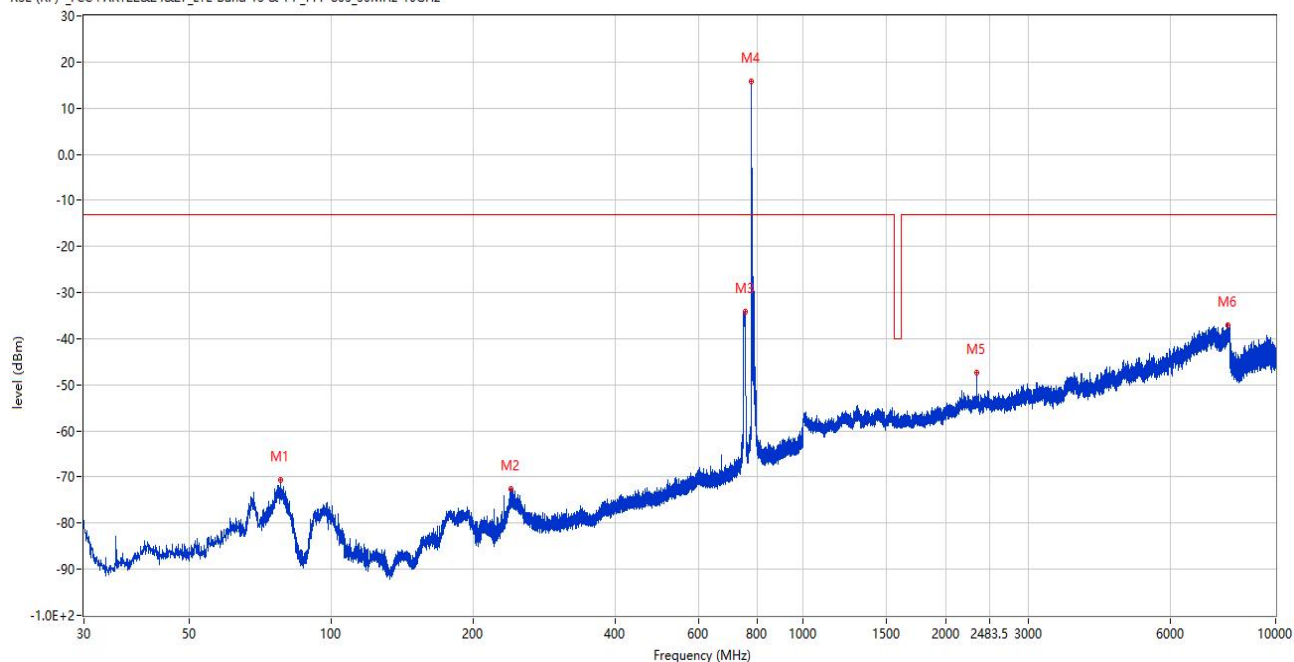


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
97.512	-69.09	-17.46	-13.0	56.09	159.00	Horizontal	Horizontal	Pass
245.631	-76.78	-12.21	-13.0	63.78	24.00	Horizontal	Horizontal	Pass
694.305	-41.54	1.89	-13.0	28.54	82.00	Horizontal	Horizontal	N/A
2150.200	-51.46	-0.01	-13.0	38.46	285.00	Horizontal	Horizontal	Pass
3776.000	-47.60	7.84	-13.0	34.60	330.00	Horizontal	Horizontal	Pass
7518.250	-36.81	18.27	-13.0	23.81	230.00	Horizontal	Horizontal	Pass

3.6 LTE Band 13

Band:LTE B13

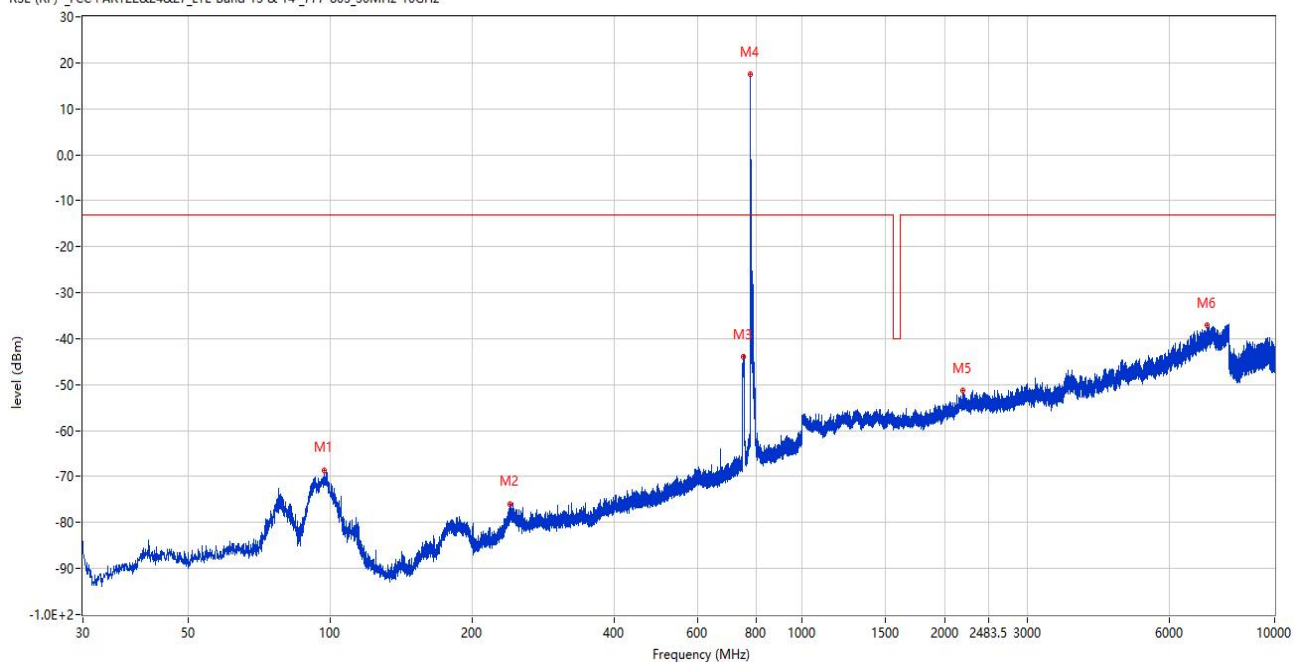
RSE (RF) _FCC PART22&24&27_LTE Band 13 & 14 _777-803_30MHz-10GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
78.257	-70.67	-18.54	-13.0	57.67	112.00	Vertical	Horizontal	Pass
241.072	-72.47	-12.51	-13.0	59.47	168.00	Vertical	Horizontal	Pass
754.250	-34.03	3.47	-13.0	21.03	309.00	Vertical	Horizontal	N/A
777.628	15.88	6.53	-13.0	-28.88	59.00	Vertical	Horizontal	N/A
2333.900	-47.30	0.67	-13.0	34.30	224.00	Vertical	Horizontal	Pass
7909.250	-37.01	19.34	-13.0	24.01	357.00	Vertical	Horizontal	Pass

Band:LTE B13

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

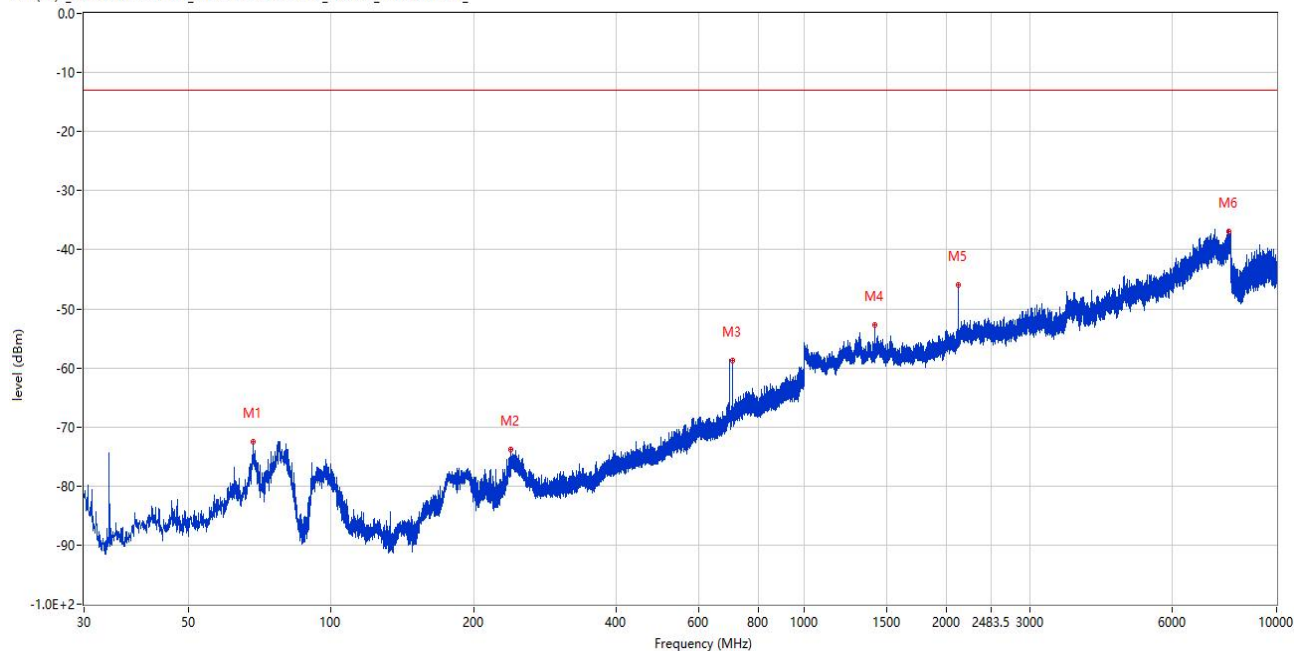


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
97.318	-68.67	-17.51	-13.0	55.67	123.00	Horizontal	Horizontal	Pass
241.024	-76.11	-12.51	-13.0	63.11	52.00	Horizontal	Horizontal	Pass
750.516	-44.02	3.29	-13.0	31.02	241.00	Horizontal	Horizontal	N/A
777.579	17.51	6.53	-13.0	-30.51	140.00	Horizontal	Horizontal	N/A
2187.500	-51.30	0.17	-13.0	38.30	206.00	Horizontal	Horizontal	Pass
7207.750	-37.06	17.96	-13.0	24.06	229.00	Horizontal	Horizontal	Pass

3.6 LTE Band 17

Band:LTE B17

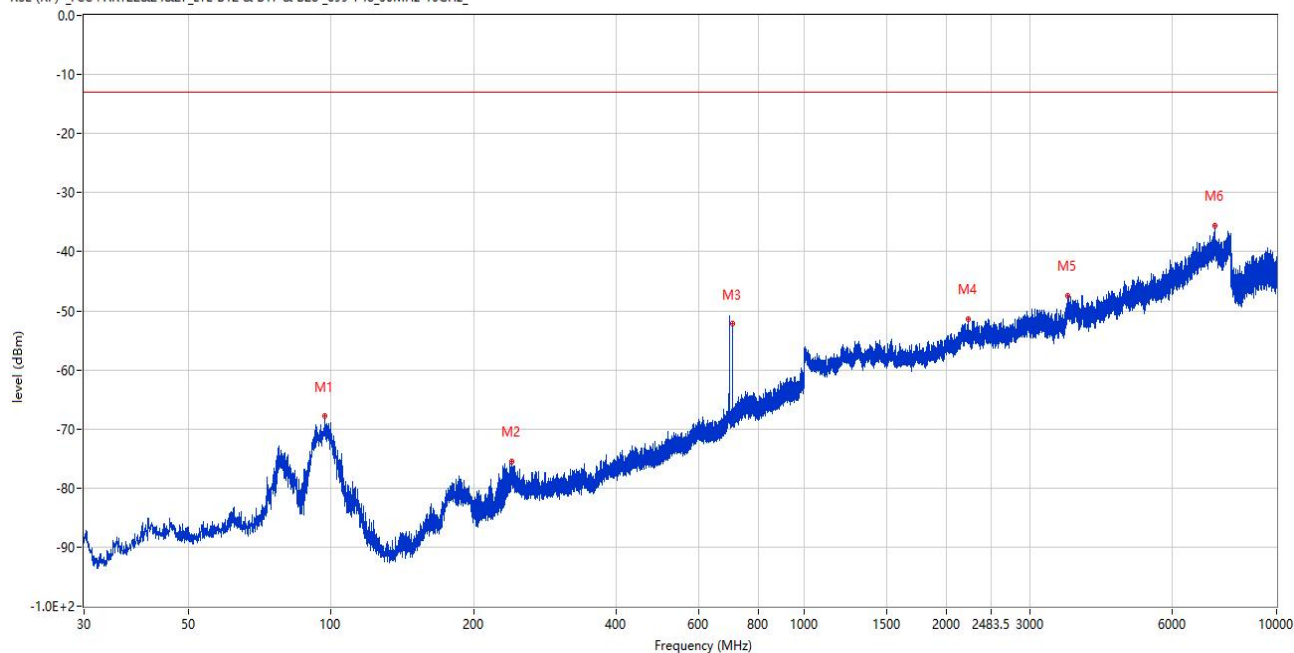
RSE (RF) _FCC PART22&24&27_LTE B12 & B17 & B28 _699-748_30MHz-10GHz_



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
68.509	-72.57	-16.73	-13.0	59.57	83.00	Vertical	Horizontal	Pass
239.617	-73.84	-12.37	-13.0	60.84	171.00	Vertical	Horizontal	Pass
705.557	-58.84	2.21	-13.0	45.84	197.00	Vertical	Horizontal	N/A
1412.100	-52.80	-3.67	-13.0	39.80	56.00	Vertical	Horizontal	Pass
2117.600	-45.98	-0.79	-13.0	32.98	71.00	Vertical	Horizontal	Pass
7919.500	-36.93	19.26	-13.0	23.93	351.00	Vertical	Horizontal	Pass

Band:LTE B17

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

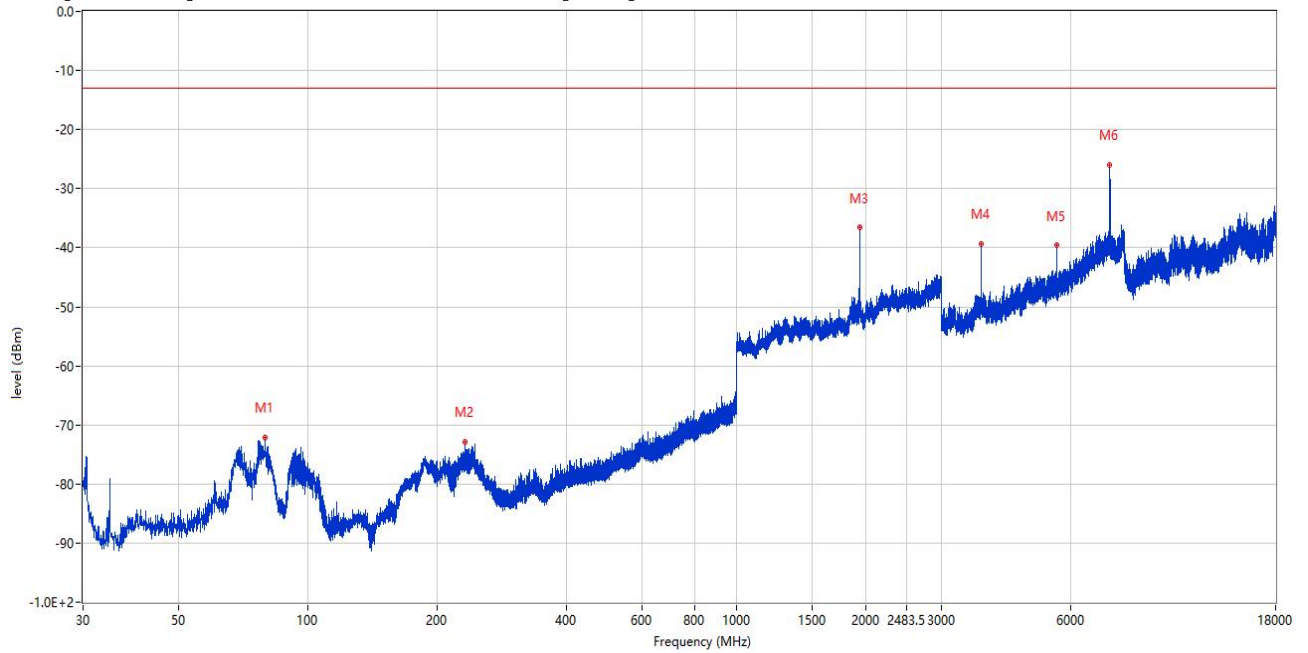


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
97.124	-67.86	-17.54	-13.0	54.86	163.00	Horizontal	Horizontal	Pass
241.024	-75.49	-12.34	-13.0	62.49	51.00	Horizontal	Horizontal	Pass
705.654	-52.22	2.21	-13.0	39.22	59.00	Horizontal	Horizontal	N/A
2230.700	-51.49	0.58	-13.0	38.49	94.00	Horizontal	Horizontal	Pass
3615.750	-47.47	7.73	-13.0	34.47	225.00	Horizontal	Horizontal	Pass
7415.500	-35.57	18.87	-13.0	22.57	184.00	Horizontal	Horizontal	Pass

3.7 LTE Band 25

Band:LTE B25

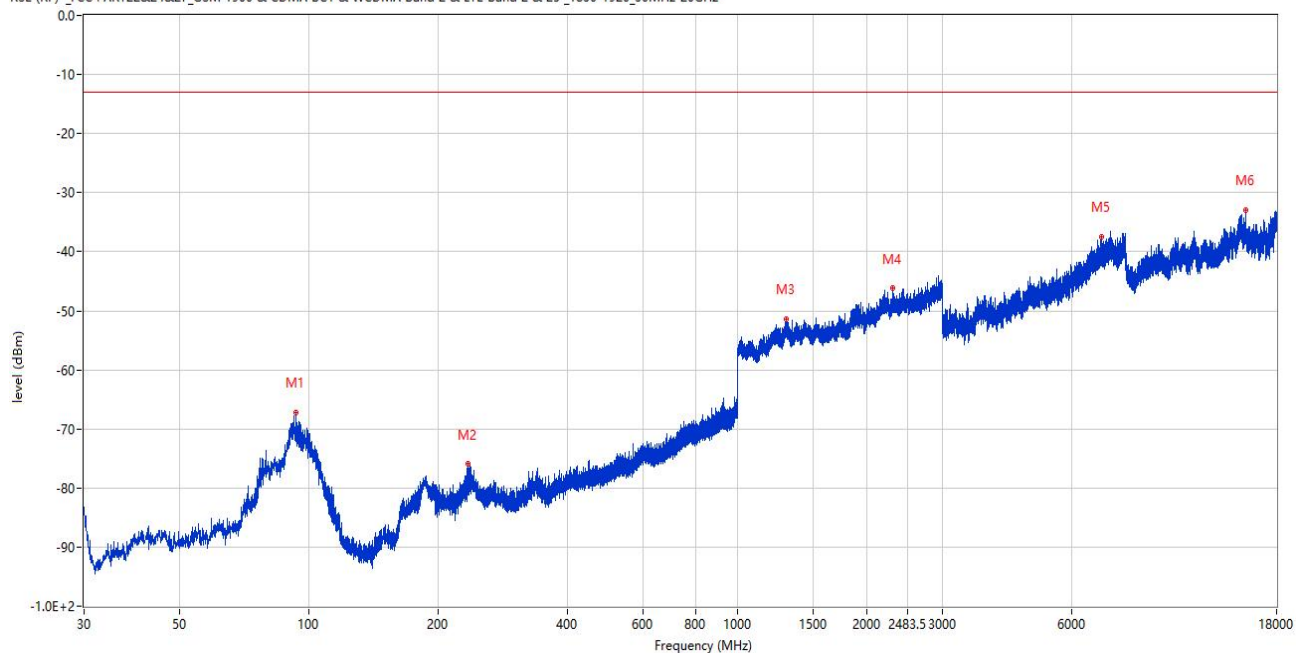
RSE (RF) _FCC PART22&24&27_GSM 1900 & CDMA BC1 & WCDMA Band 2 & LTE Band 2 & 25 _1830-1920_30MHz-20GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
79.519	-72.07	-19.76	-13.0	59.07	96.00	Vertical	Horizontal	Pass
232.682	-72.85	-14.73	-13.0	59.85	168.00	Vertical	Horizontal	Pass
1931.200	-36.54	3.44	-13.0	23.54	194.00	Vertical	Horizontal	N/A
3702.250	-39.44	8.05	-13.0	26.44	233.00	Vertical	Horizontal	Pass
5553.250	-39.55	10.59	-13.0	26.55	257.00	Vertical	Horizontal	Pass
7403.750	-25.98	19.00	-13.0	12.98	248.00	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

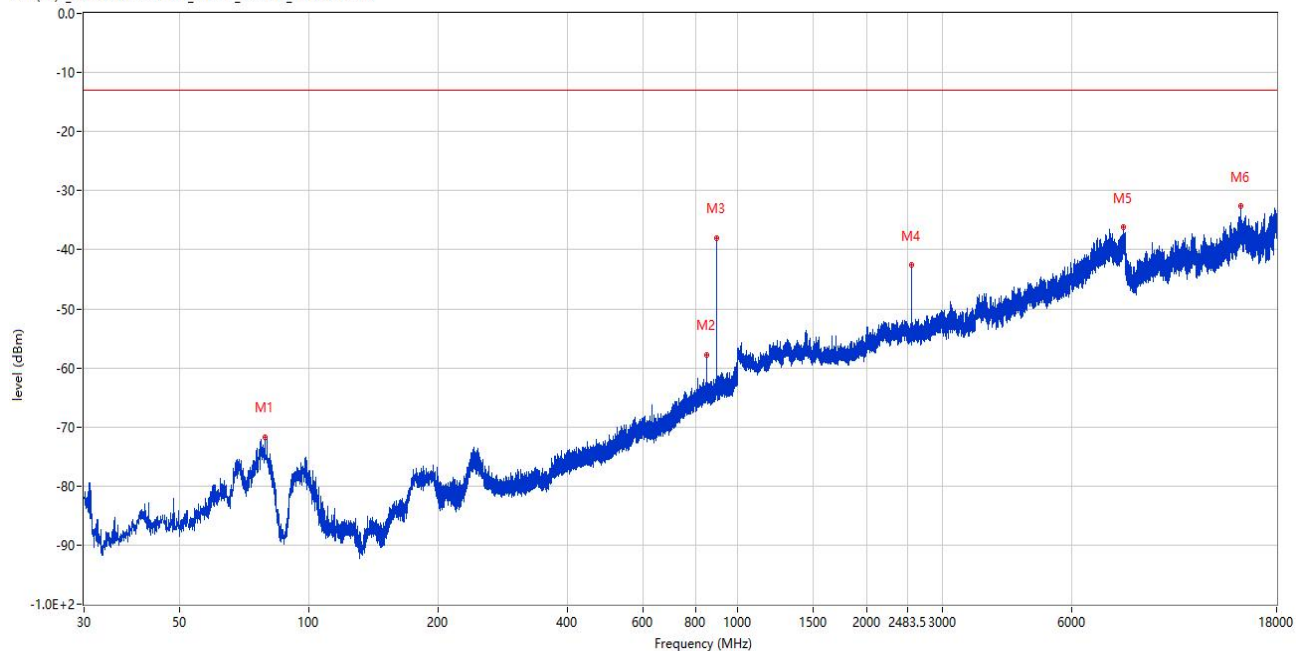


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
93.390	-67.30	-19.12	-13.0	54.30	0.00	Horizontal	Horizontal	Pass
235.592	-75.95	-14.49	-13.0	62.95	19.00	Horizontal	Horizontal	Pass
1298.200	-51.36	0.85	-13.0	38.36	218.00	Horizontal	Horizontal	Pass
2297.800	-46.18	6.15	-13.0	33.18	139.00	Horizontal	Horizontal	Pass
7037.750	-37.47	16.45	-13.0	24.47	302.00	Horizontal	Horizontal	Pass
15253.500	-32.88	22.80	-13.0	19.88	2.00	Horizontal	Horizontal	Pass

3.7 LTE Band 26 (PART22&24&27)

Band:LTE B26 (PART22&24&27)

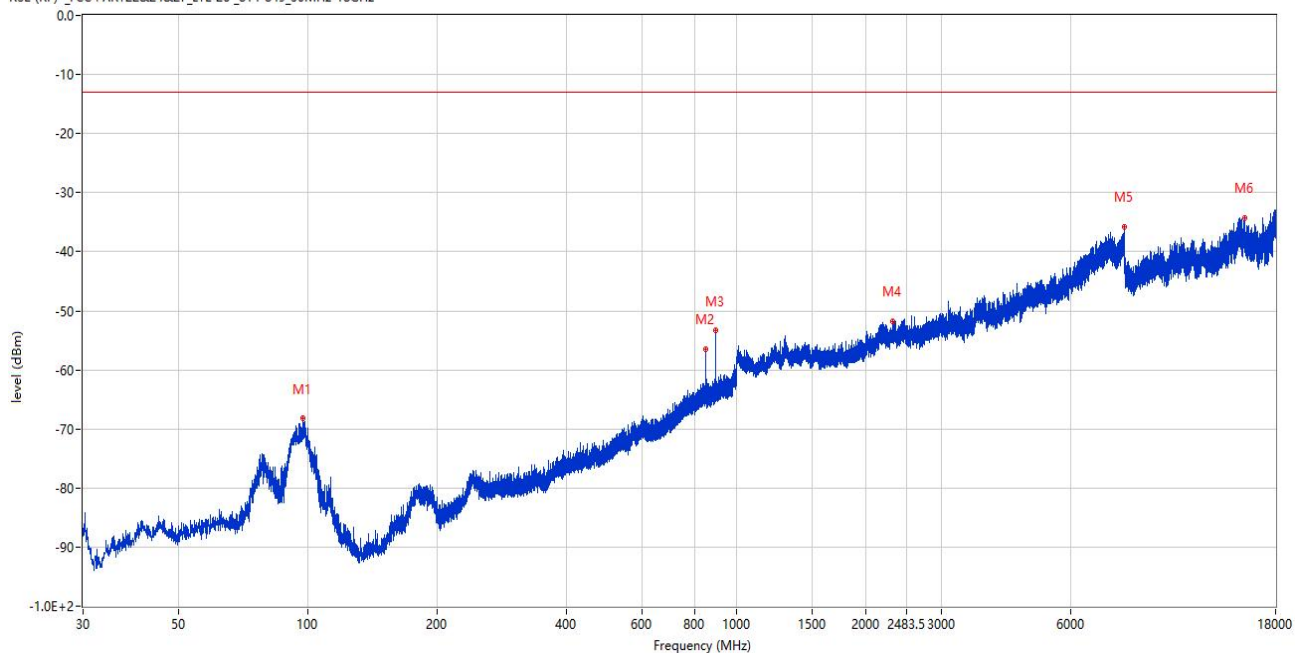
RSE (RF) _FCC PART22&24&27_LTE 26_814-849_30MHz-18GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
79.179	-71.69	-18.44	-13.0	58.69	55.00	Vertical	Horizontal	Pass
847.758	-57.78	5.80	-13.0	44.78	55.00	Vertical	Horizontal	N/A
893.106	-38.04	6.34	-13.0	25.04	242.00	Vertical	Horizontal	N/A
2545.200	-42.59	0.99	-13.0	29.59	85.00	Vertical	Horizontal	Pass
7894.500	-36.22	19.04	-13.0	23.22	360.00	Vertical	Horizontal	Pass
14845.013	-32.66	23.65	-13.0	19.66	263.00	Vertical	Horizontal	Pass

Band:LTE B26 (PART22&24&27)

RSE (RF) _FCC PART22&24&27_LTE 26_814-849_30MHz-18GHz

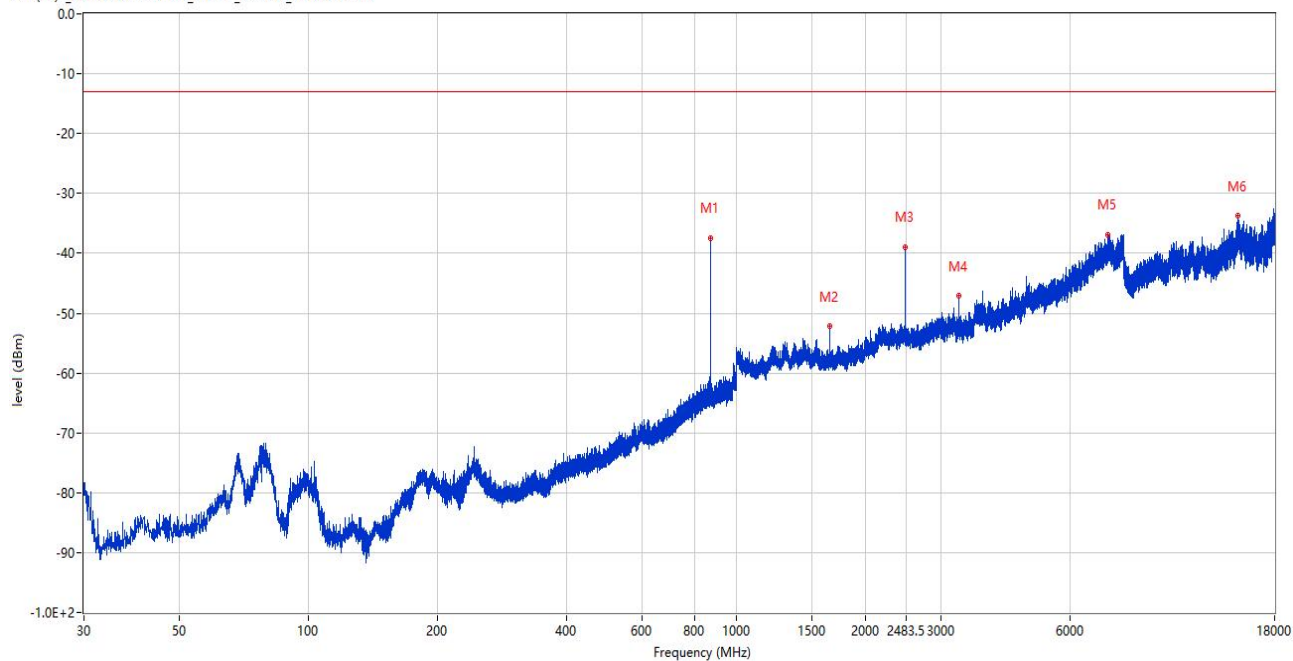


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
97.658	-68.22	-17.20	-13.0	55.22	166.00	Horizontal	Horizontal	Pass
847.807	-56.46	5.80	-13.0	43.46	211.00	Horizontal	Horizontal	N/A
893.591	-53.36	6.35	-13.0	40.36	44.00	Horizontal	Horizontal	N/A
2310.500	-51.82	0.36	-13.0	38.82	355.00	Horizontal	Horizontal	Pass
7999.750	-35.78	20.20	-13.0	22.78	87.00	Horizontal	Horizontal	Pass
15243.487	-34.19	22.65	-13.0	21.19	123.00	Horizontal	Horizontal	Pass

3.8 LTE Band 26 (PART90)

Band:LTE B26 (PART90)

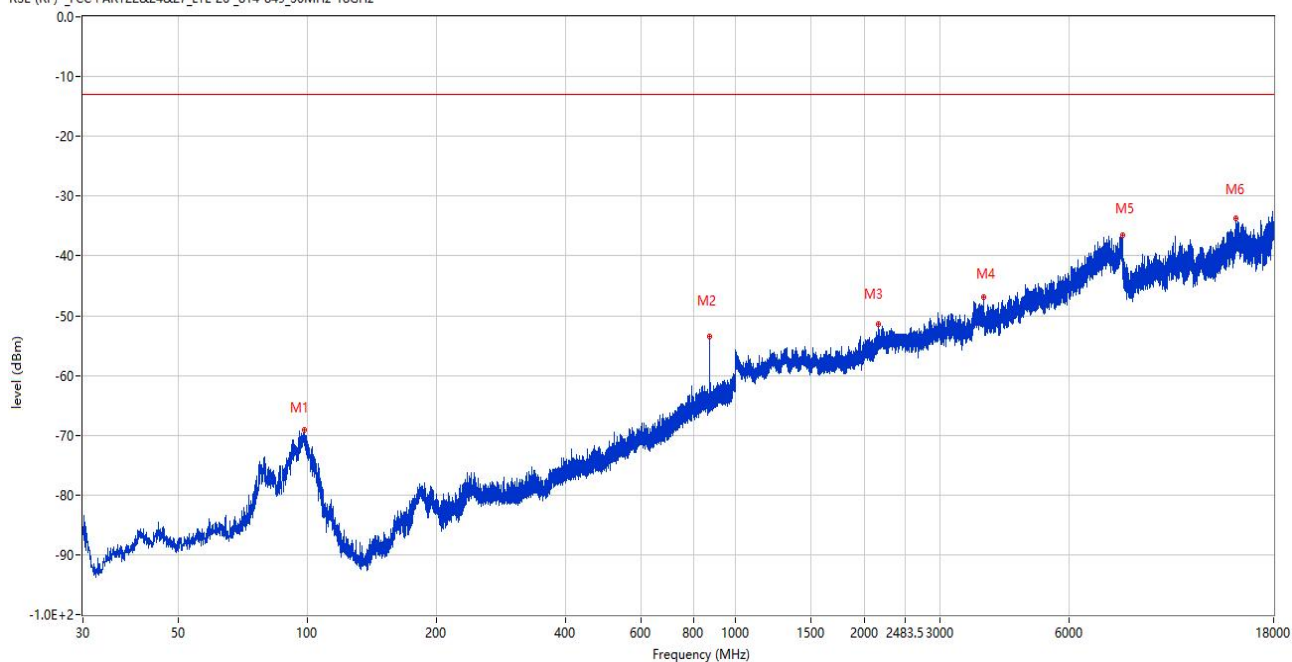
RSE (RF) _FCC PART22&24&27_LTE 26_814-849_30MHz-18GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
868.711	-37.44	5.40	-13.0	24.44	315.00	Vertical	Horizontal	N/A
1647.400	-52.19	-3.62	-13.0	39.19	134.00	Vertical	Horizontal	Pass
2471.200	-38.95	1.11	-13.0	25.95	93.00	Vertical	Horizontal	Pass
3294.250	-47.17	5.06	-13.0	34.17	240.00	Vertical	Horizontal	Pass
7356.000	-36.83	17.87	-13.0	23.83	255.00	Vertical	Horizontal	Pass
14814.825	-33.78	24.49	-13.0	20.78	58.00	Vertical	Horizontal	Pass

Band:LTE B26 (PART90)

RSE (RF) _FCC PART22&24&27_LTE 26_814-849_30MHz-18GHz

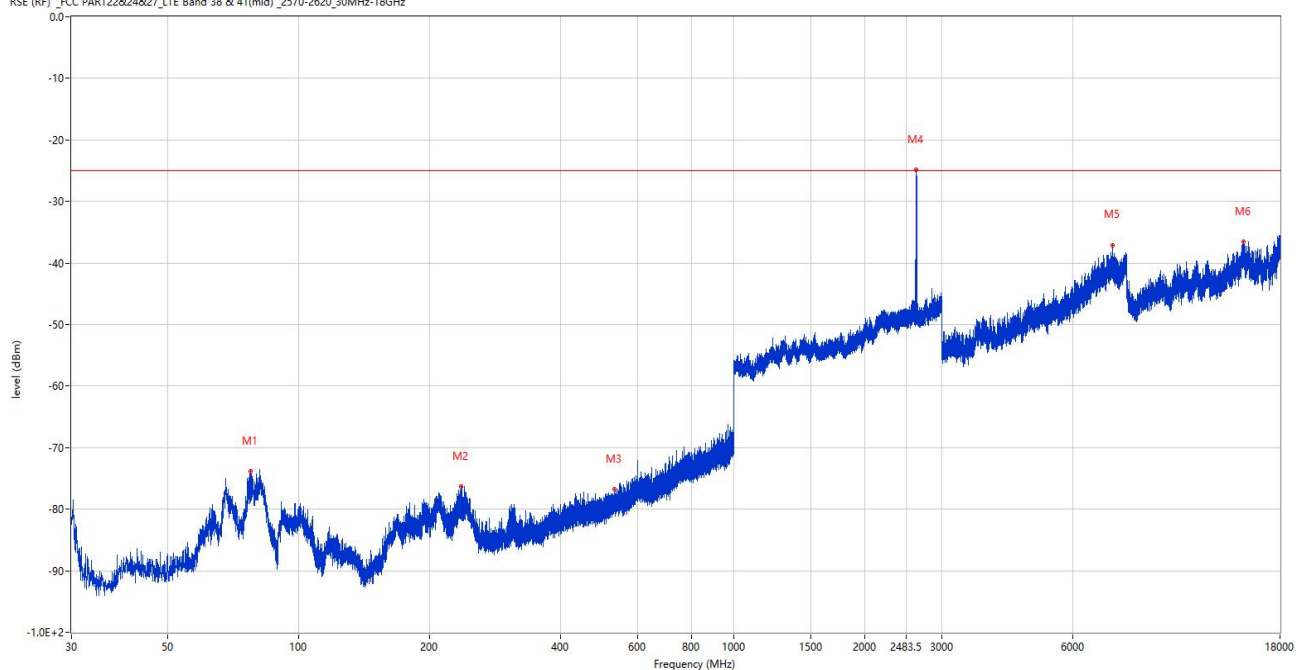


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
98.482	-69.10	-17.20	-13.0	56.10	147.00	Horizontal	Horizontal	Pass
868.420	-53.41	5.41	-13.0	40.41	272.00	Horizontal	Horizontal	N/A
2151.400	-51.49	0.02	-13.0	38.49	317.00	Horizontal	Horizontal	Pass
3783.000	-46.93	7.67	-13.0	33.93	281.00	Horizontal	Horizontal	Pass
7983.000	-36.55	19.88	-13.0	23.55	98.00	Horizontal	Horizontal	Pass
14716.912	-33.79	23.51	-13.0	20.79	272.00	Horizontal	Horizontal	Pass

3.9 LTE Band 38

Band:LTE B38

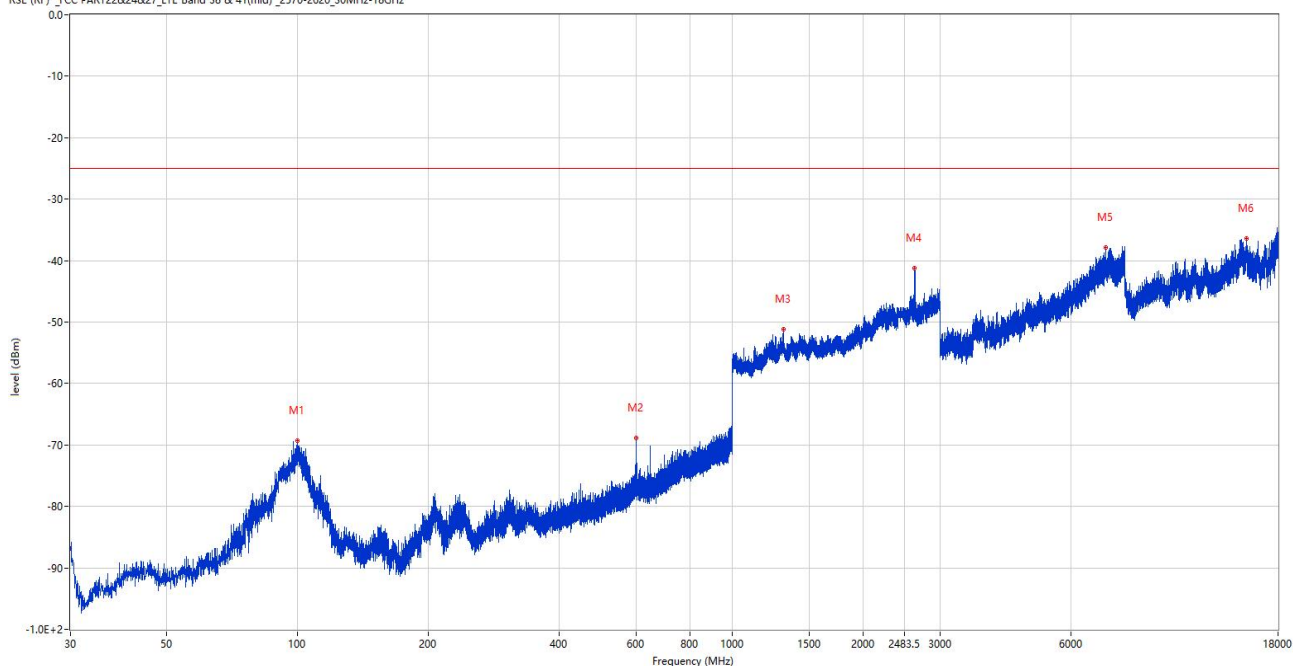
RSE (RF) _FCC PART22&24&27_LTE Band 38 & 41(mid) _2570-2620_30MHz-18GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
77.239	-73.86	-19.52	-25.0	48.86	358.00	Vertical	Horizontal	Pass
235.398	-76.31	-14.49	-25.0	51.31	182.00	Vertical	Horizontal	Pass
531.442	-76.74	-6.47	-25.0	51.74	253.00	Vertical	Horizontal	Pass
2628.600	-24.88	7.87	-25.0	-0.12	17.00	Vertical	Horizontal	N/A
7416.250	-37.07	18.84	-25.0	12.07	15.00	Vertical	Horizontal	Pass
14820.000	-36.55	24.55	-25.0	11.55	69.00	Vertical	Horizontal	Pass

Band:LTE B38

RSE (RF) _FCC PART22&24&27_LTE Band 38 & 41(mid) _2570-2620_30MHz-18GHz

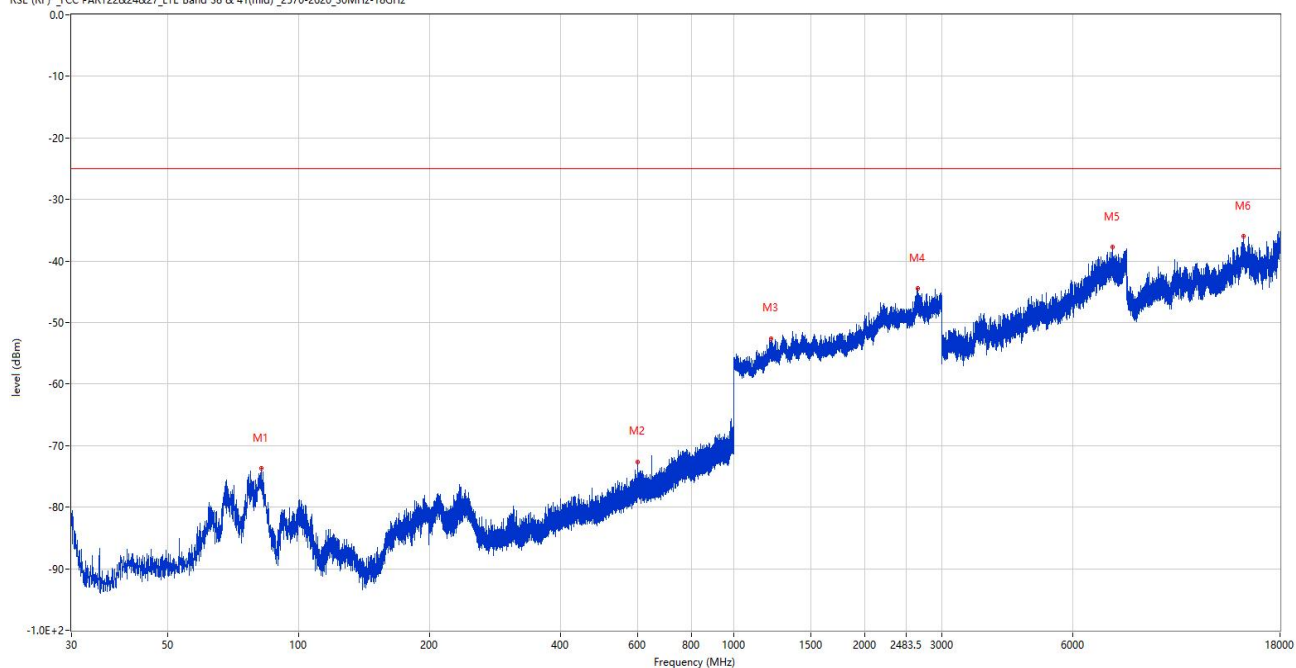


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
99.695	-69.33	-18.83	-25.0	44.33	165.00	Horizontal	Horizontal	Pass
600.020	-68.86	-4.05	-25.0	43.86	20.00	Horizontal	Horizontal	Pass
1309.400	-51.20	0.89	-25.0	26.20	93.00	Horizontal	Horizontal	Pass
2628.200	-41.26	7.87	-25.0	16.26	272.00	Horizontal	Horizontal	N/A
7219.250	-37.87	18.52	-25.0	12.87	41.00	Horizontal	Horizontal	Pass
15261.000	-36.46	22.68	-25.0	11.46	198.00	Horizontal	Horizontal	Pass

2.10 LTE Band 41

Band:LTE B41

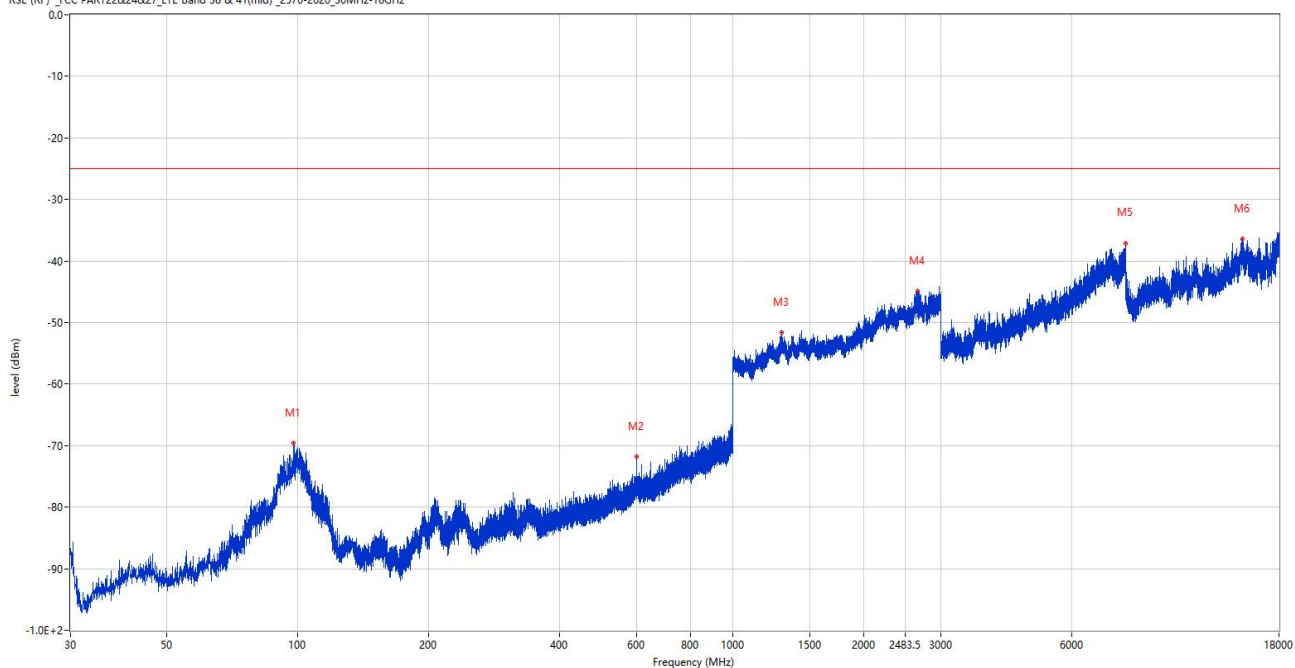
RSE (RF) _FCC PART22&24&27_LTE Band 38 & 41(mid) _2570-2620_30MHz-18GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
81.943	-73.74	-19.67	-25.0	48.74	266.00	Vertical	Horizontal	Pass
600.020	-72.60	-4.05	-25.0	47.60	94.00	Vertical	Horizontal	Pass
1219.400	-52.57	0.14	-25.0	27.57	245.00	Vertical	Horizontal	Pass
2644.300	-44.44	9.12	-25.0	19.44	320.00	Vertical	Horizontal	N/A
7407.000	-37.68	19.06	-25.0	12.68	19.00	Vertical	Horizontal	Pass
14814.500	-35.93	24.49	-25.0	10.93	307.00	Vertical	Horizontal	Pass

Band:LTE B41

RSE (RF) _FCC PART22&24&27_LTE Band 38 & 41(mid) _2570-2620_30MHz-18GHz

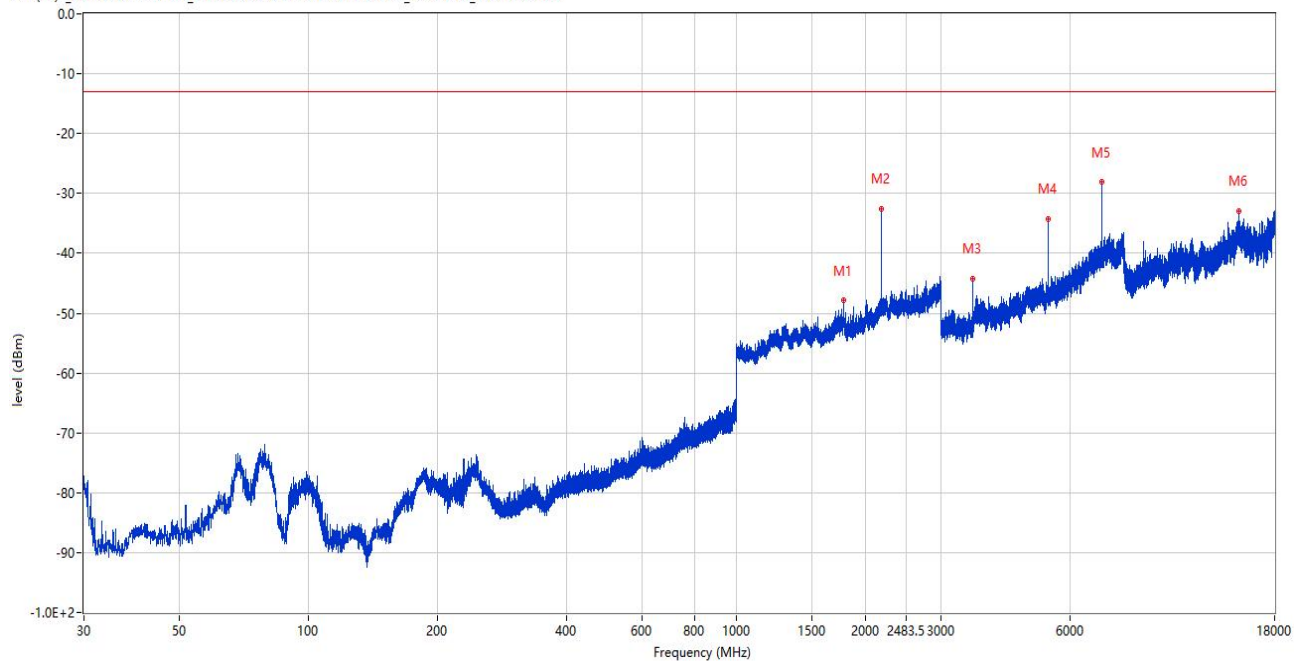


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
97.706	-69.55	-18.68	-25.0	44.55	360.00	Horizontal	Horizontal	Pass
600.020	-71.75	-4.05	-25.0	46.75	44.00	Horizontal	Horizontal	Pass
1294.500	-51.66	0.85	-25.0	26.66	58.00	Horizontal	Horizontal	Pass
2656.400	-44.94	9.09	-25.0	19.94	68.00	Horizontal	Horizontal	N/A
7980.000	-37.08	19.87	-25.0	12.08	175.00	Horizontal	Horizontal	Pass
14830.500	-36.42	24.17	-25.0	11.42	78.00	Horizontal	Horizontal	Pass

3.10 LTE Band 66

Band:LTE B66

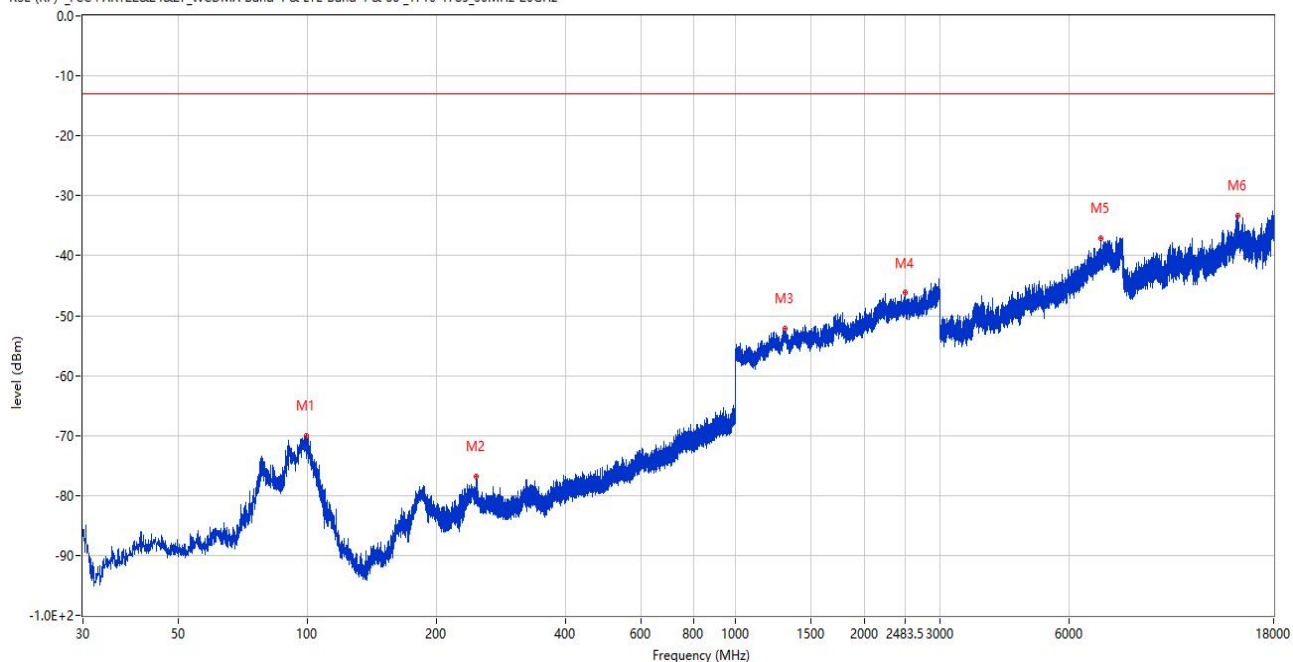
RSE (RF) _FCC PART22&24&27_WCDMA Band 4 & LTE Band 4 & 66_1710-1785_30MHz-20GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
1780.200	-47.93	2.75	-13.0	34.93	190.00	Vertical	Horizontal	N/A
2180.300	-32.65	5.04	-13.0	19.65	174.00	Vertical	Horizontal	N/A
3559.250	-44.18	5.69	-13.0	31.18	221.00	Vertical	Horizontal	Pass
5339.000	-34.21	10.65	-13.0	21.21	1.00	Vertical	Horizontal	Pass
7118.000	-28.09	17.29	-13.0	15.09	257.00	Vertical	Horizontal	Pass
14841.075	-32.97	23.79	-13.0	19.97	241.00	Vertical	Horizontal	Pass

Band:LTE B66

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

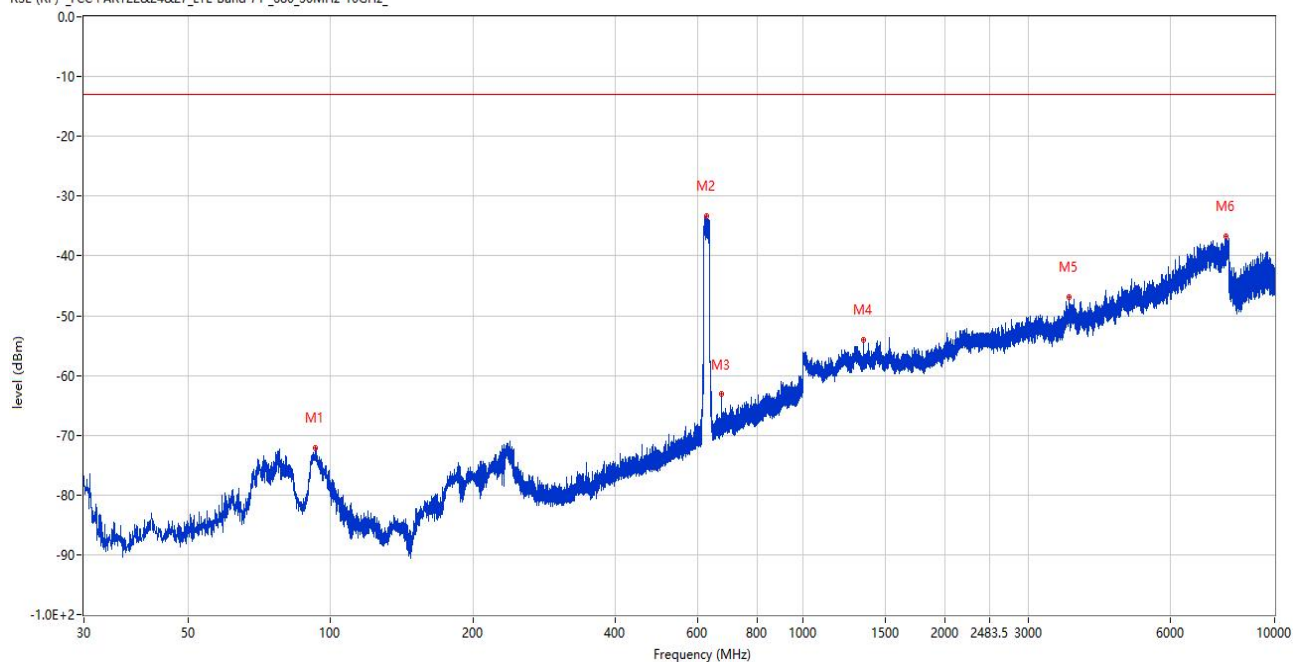


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
99.452	-70.00	-18.80	-13.0	57.00	168.00	Horizontal	Horizontal	Pass
247.765	-76.81	-14.32	-13.0	63.81	46.00	Horizontal	Horizontal	Pass
1302.800	-52.09	0.96	-13.0	39.09	13.00	Horizontal	Horizontal	Pass
2489.300	-46.19	6.58	-13.0	33.19	3.00	Horizontal	Horizontal	Pass
7117.750	-37.07	17.29	-13.0	24.07	308.00	Horizontal	Horizontal	Pass
14833.988	-33.33	24.05	-13.0	20.33	161.00	Horizontal	Horizontal	Pass

3.10 LTE Band 71

Band:LTE B71

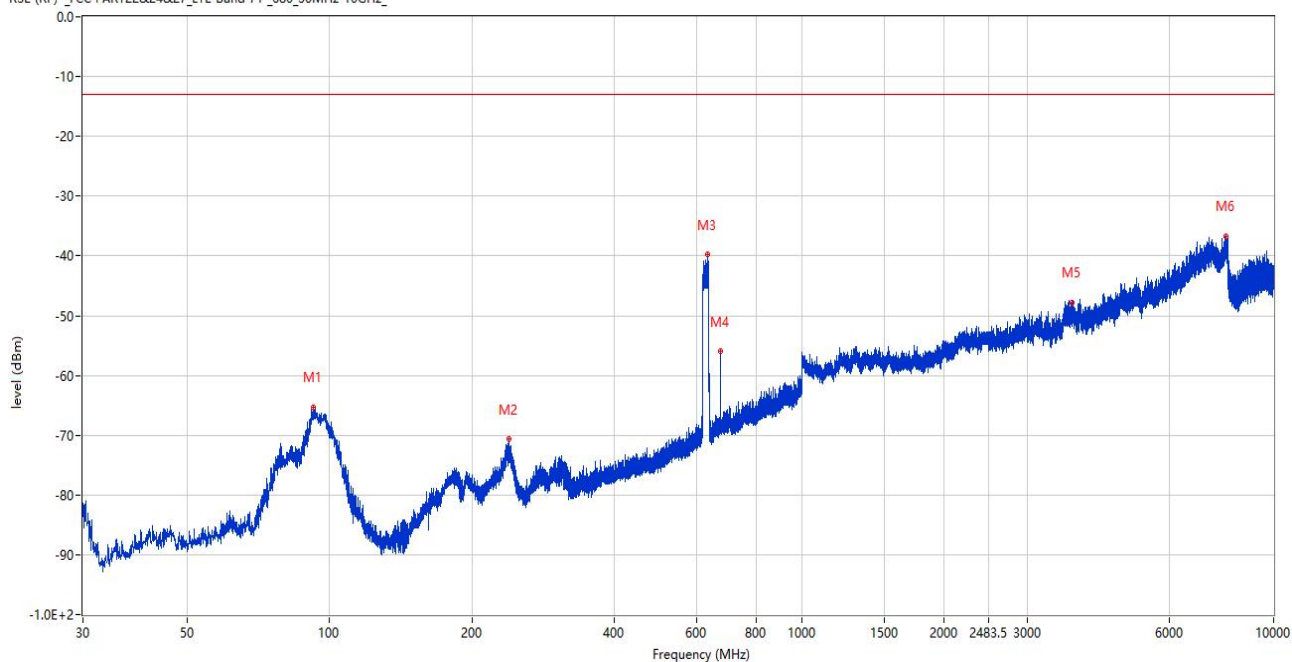
RSE (RF) _FCC PART22&24&27_LTE Band 71 _680_30MHz-10GHz_



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
92.953	-72.09	-17.85	-13.0	59.09	46.00	Vertical	Horizontal	Pass
624.707	-33.26	-0.60	-13.0	20.26	145.00	Vertical	Horizontal	N/A
673.159	-63.17	1.92	-13.0	50.17	179.00	Vertical	Horizontal	N/A
1347.100	-54.14	-3.77	-13.0	41.14	3.00	Vertical	Horizontal	Pass
3674.500	-46.86	8.24	-13.0	33.86	192.00	Vertical	Horizontal	Pass
7905.000	-36.70	19.26	-13.0	23.70	338.00	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
92.226	-65.40	-17.87	-13.0	52.40	166.00	Horizontal	Horizontal	Pass
239.472	-70.69	-12.41	-13.0	57.69	18.00	Horizontal	Horizontal	Pass
631.012	-39.76	-0.28	-13.0	26.76	166.00	Horizontal	Horizontal	N/A
673.110	-56.02	1.92	-13.0	43.02	210.00	Horizontal	Horizontal	N/A
3748.750	-47.86	8.64	-13.0	34.86	292.00	Horizontal	Horizontal	Pass
7909.500	-36.63	19.34	-13.0	23.63	279.00	Horizontal	Horizontal	Pass

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