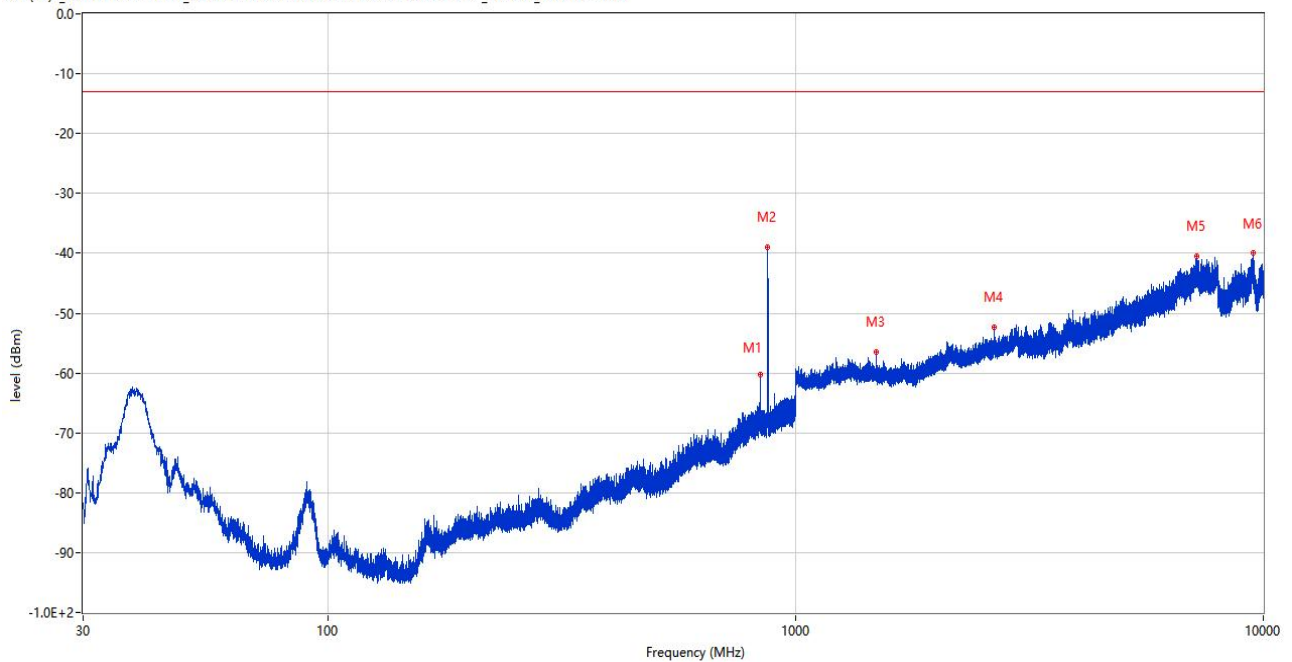


Band:WCDMA B5 Channel:LOW

range

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

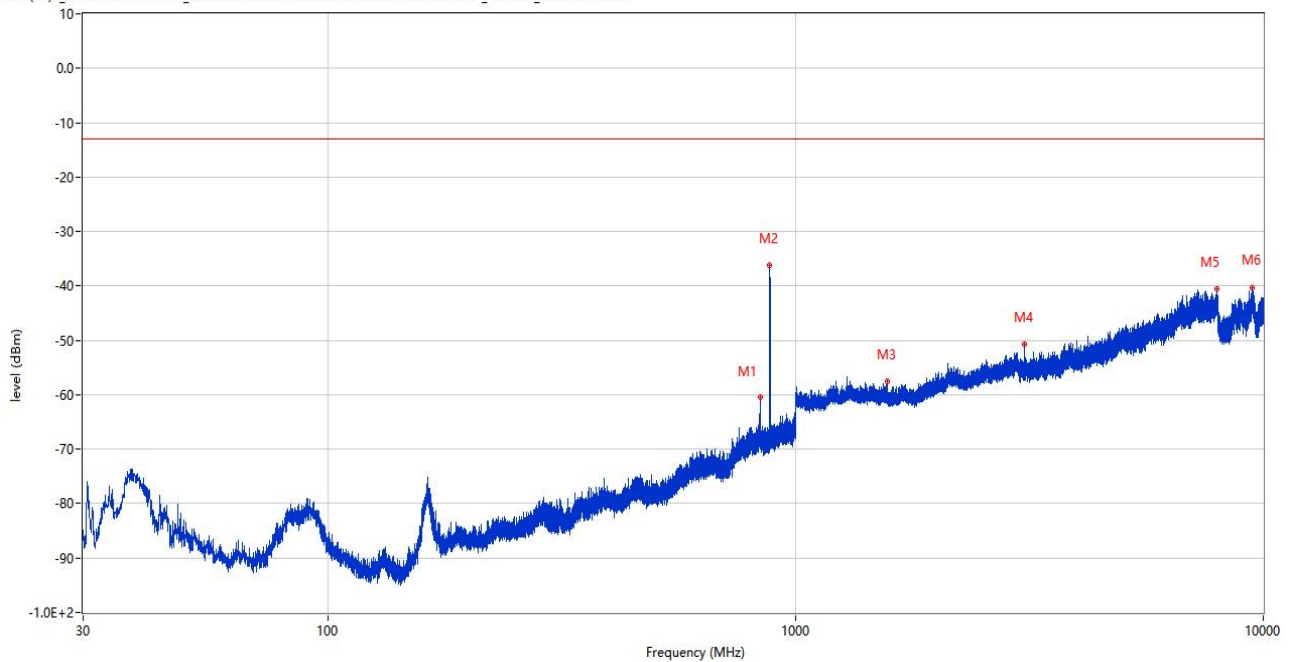


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
839.998	-60.35	5.03	-13.0	47.35	0.00	Vertical	Horizontal	Pass
869.826	-38.89	4.40	-13.0	25.89	299.00	Vertical	Horizontal	N/A
1489.400	-56.48	-5.48	-13.0	43.48	217.00	Vertical	Horizontal	Pass
2662.500	-52.28	0.23	-13.0	39.28	0.00	Vertical	Horizontal	Pass
7195.250	-40.48	14.42	-13.0	27.48	233.00	Vertical	Horizontal	Pass
9510.400	-40.00	12.84	-13.0	27.00	150.00	Vertical	Horizontal	Pass

Band:WCDMA B5 Channel:MID

range

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

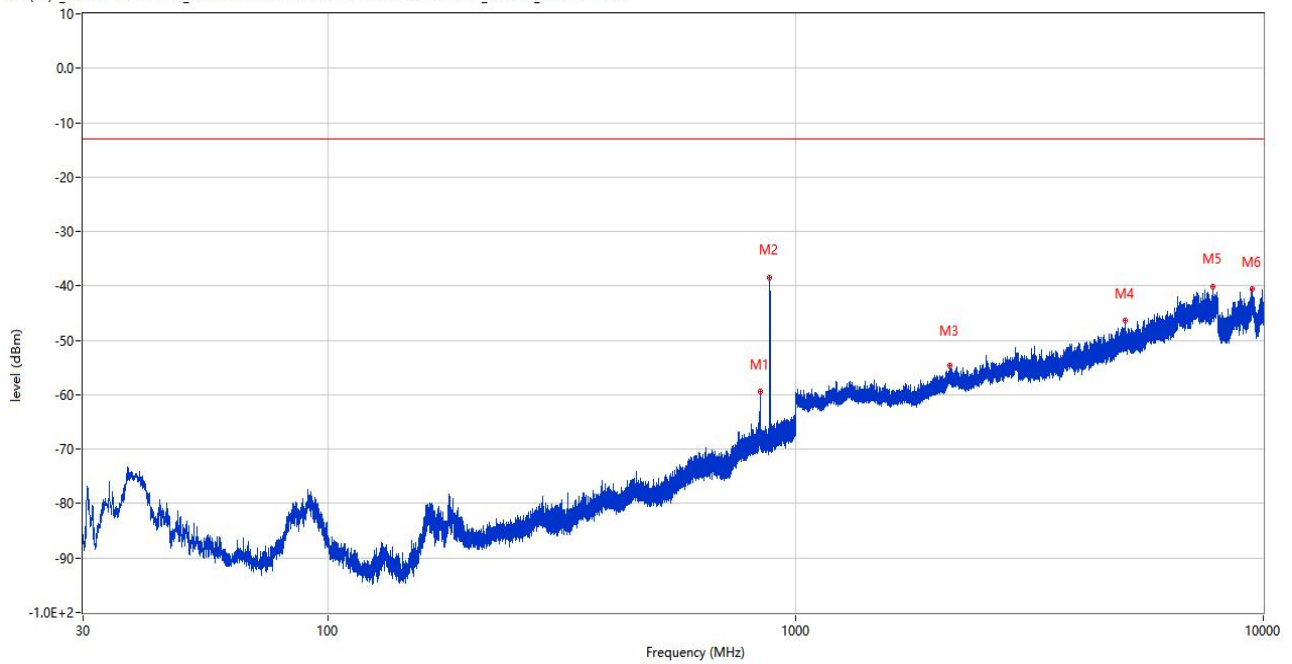


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
839.998	-60.38	5.03	-13.0	47.38	338.00	Horizontal	Horizontal	N/A
879.526	-36.29	4.13	-13.0	23.29	247.00	Horizontal	Horizontal	N/A
1567.900	-57.60	-5.58	-13.0	44.60	118.00	Horizontal	Horizontal	Pass
3079.250	-50.75	3.82	-13.0	37.75	207.00	Horizontal	Horizontal	Pass
7970.500	-40.59	15.32	-13.0	27.59	360.00	Horizontal	Horizontal	Pass
9463.900	-40.25	13.49	-13.0	27.25	348.00	Horizontal	Horizontal	Pass

Band:WCDMA B5 Channel:MID

range

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

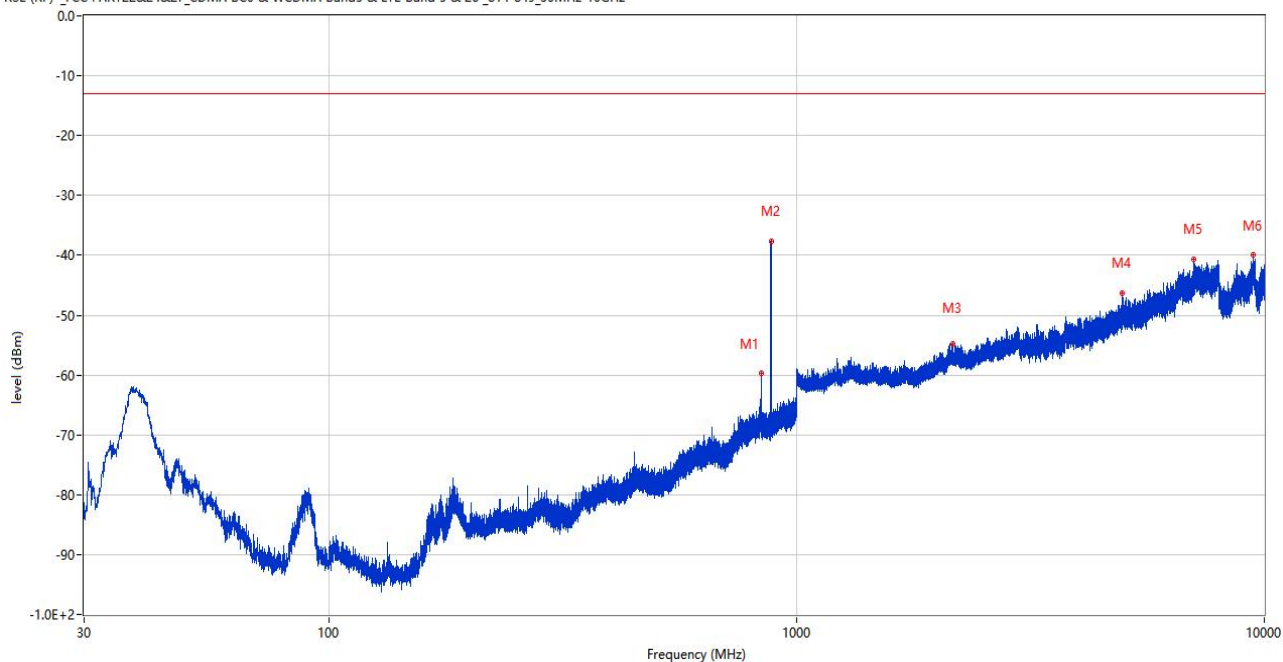


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
839.998	-59.35	5.03	-13.0	46.35	12.00	Horizontal	Vertical	N/A
880.011	-38.39	4.13	-13.0	25.39	72.00	Horizontal	Vertical	N/A
2133.700	-54.54	-2.10	-13.0	41.54	88.00	Horizontal	Vertical	Pass
5058.250	-46.40	9.25	-13.0	33.40	127.00	Horizontal	Vertical	Pass
7811.250	-40.03	15.27	-13.0	27.03	88.00	Horizontal	Vertical	Pass
9449.700	-40.54	13.78	-13.0	27.54	0.00	Horizontal	Vertical	Pass

Band:WCDMA B5 Channel:MID

range

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

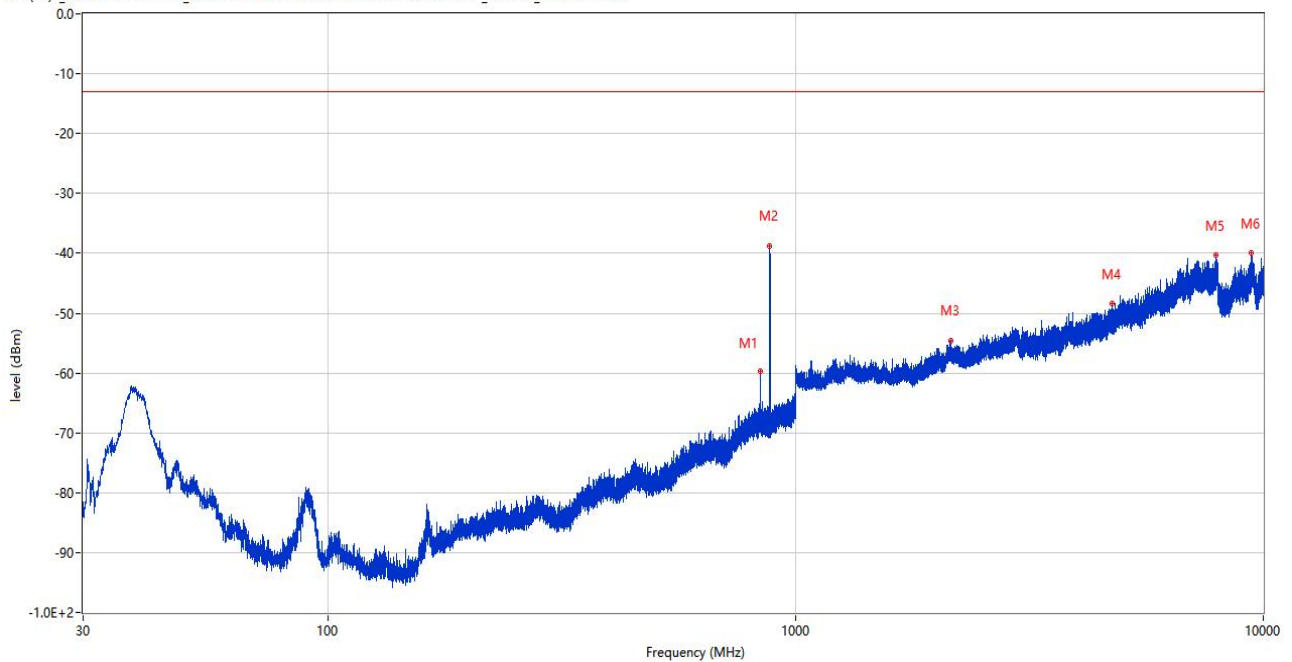


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
839.998	-59.77	5.03	-13.0	46.77	20.00	Vertical	Vertical	N/A
882.242	-37.64	4.31	-13.0	24.64	214.00	Vertical	Vertical	N/A
2155.200	-54.72	-2.04	-13.0	41.72	4.00	Vertical	Vertical	Pass
4963.750	-46.31	8.89	-13.0	33.31	169.00	Vertical	Vertical	Pass
7049.250	-40.66	13.32	-13.0	27.66	208.00	Vertical	Vertical	Pass
9448.300	-39.99	13.77	-13.0	26.99	43.00	Vertical	Vertical	Pass

Band:WCDMA B5 Channel:MID

range

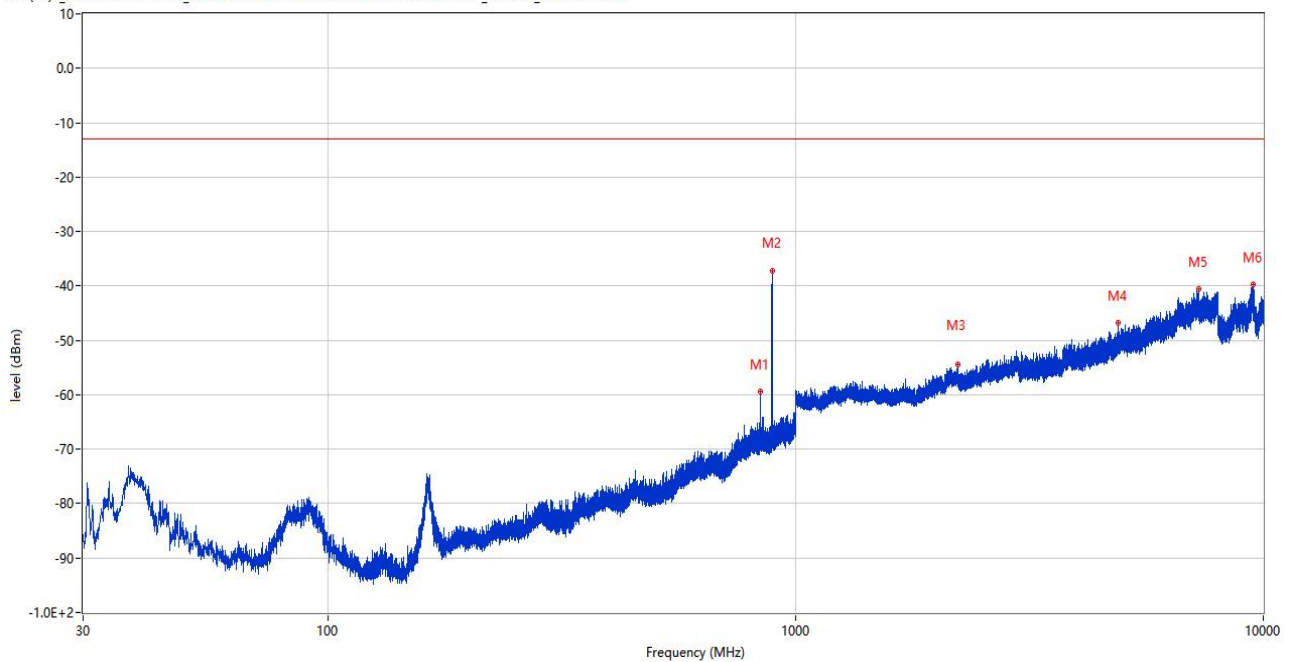
RSE (RF) _FCC PART22&24&27_CDMA BC0 & WCDMA Band5 & LTE Band 5 & 26 _814-849_30MHz-10GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
839.998	-59.79	5.03	-13.0	46.79	108.00	Vertical	Horizontal	N/A
880.011	-38.71	4.13	-13.0	25.71	192.00	Vertical	Horizontal	N/A
2149.800	-54.61	-1.94	-13.0	41.61	252.00	Vertical	Horizontal	Pass
4762.000	-48.43	7.78	-13.0	35.43	295.00	Vertical	Horizontal	Pass
7917.750	-40.33	14.62	-13.0	27.33	277.00	Vertical	Horizontal	Pass
9436.000	-40.02	13.67	-13.0	27.02	317.00	Vertical	Horizontal	Pass

Band:WCDMA B5 Channel:HIGH
range

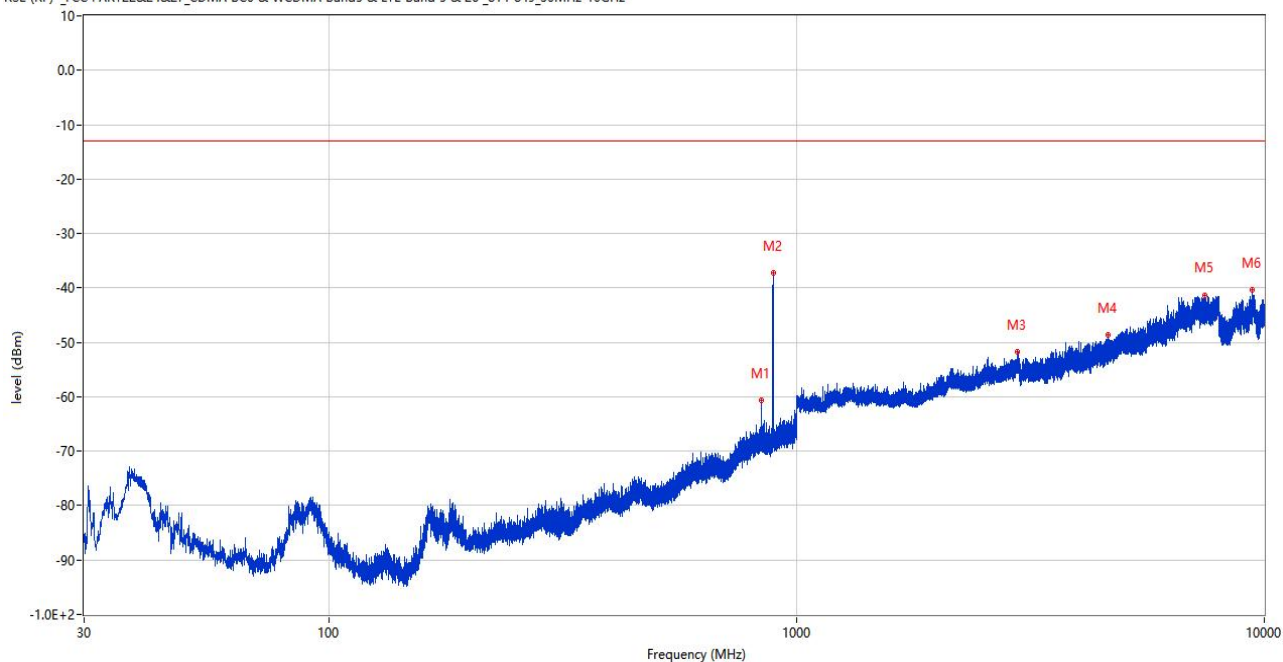
RSE (RF) FCC PART22&24&27_CDMA BC0 & WCDMA Band5 & LTE Band 5 & 26_814-849_30MHz-10GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
839.998	-59.43	5.03	-13.0	46.43	244.00	Horizontal	Horizontal	N/A
892.621	-37.13	4.72	-13.0	24.13	74.00	Horizontal	Horizontal	N/A
2219.400	-54.46	-2.05	-13.0	41.46	0.00	Horizontal	Horizontal	Pass
4892.500	-46.77	8.33	-13.0	33.77	17.00	Horizontal	Horizontal	Pass
7266.750	-40.53	14.65	-13.0	27.53	17.00	Horizontal	Horizontal	Pass
9500.500	-39.71	12.73	-13.0	26.71	134.00	Horizontal	Horizontal	Pass

Band:WCDMA B5 Channel:HIGH
range

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

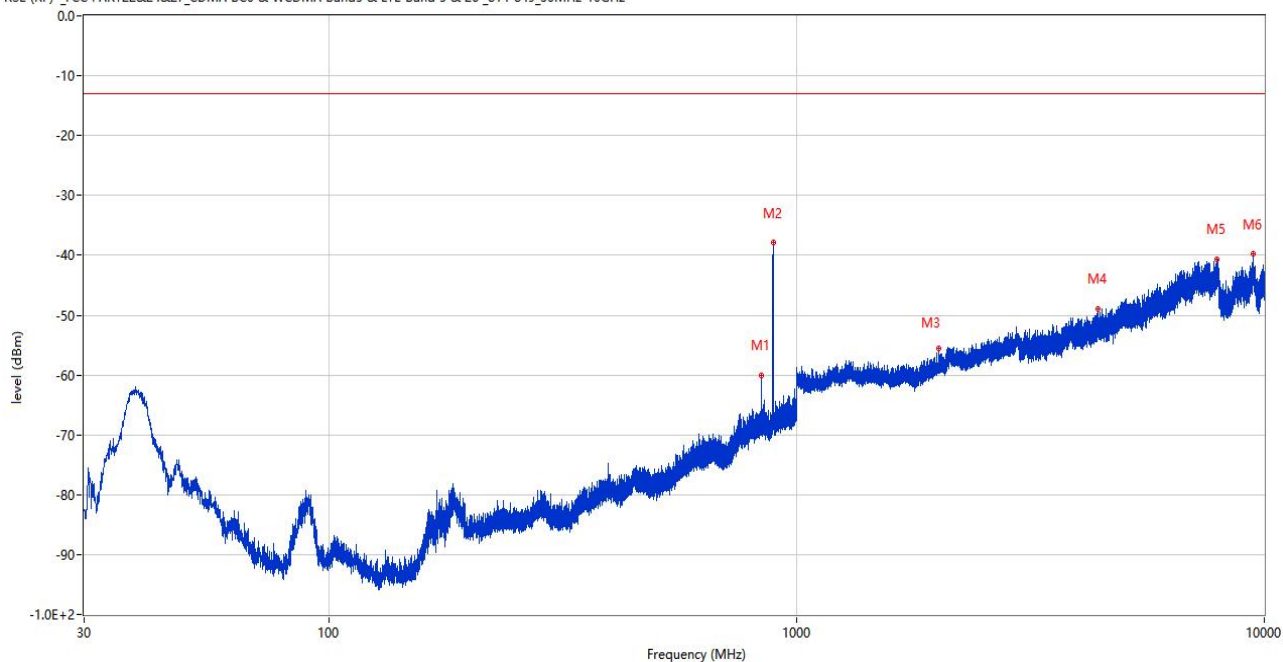


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
839.998	-60.58	5.03	-13.0	47.58	277.00	Horizontal	Vertical	N/A
892.621	-37.30	4.72	-13.0	24.30	62.00	Horizontal	Vertical	N/A
2965.200	-51.77	2.90	-13.0	38.77	354.00	Horizontal	Vertical	Pass
4646.250	-48.67	7.67	-13.0	35.67	204.00	Horizontal	Vertical	Pass
7474.750	-41.44	14.05	-13.0	28.44	204.00	Horizontal	Vertical	Pass
9441.599	-40.27	13.71	-13.0	27.27	296.00	Horizontal	Vertical	Pass

Band:WCDMA B5 Channel:HIGH

range

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

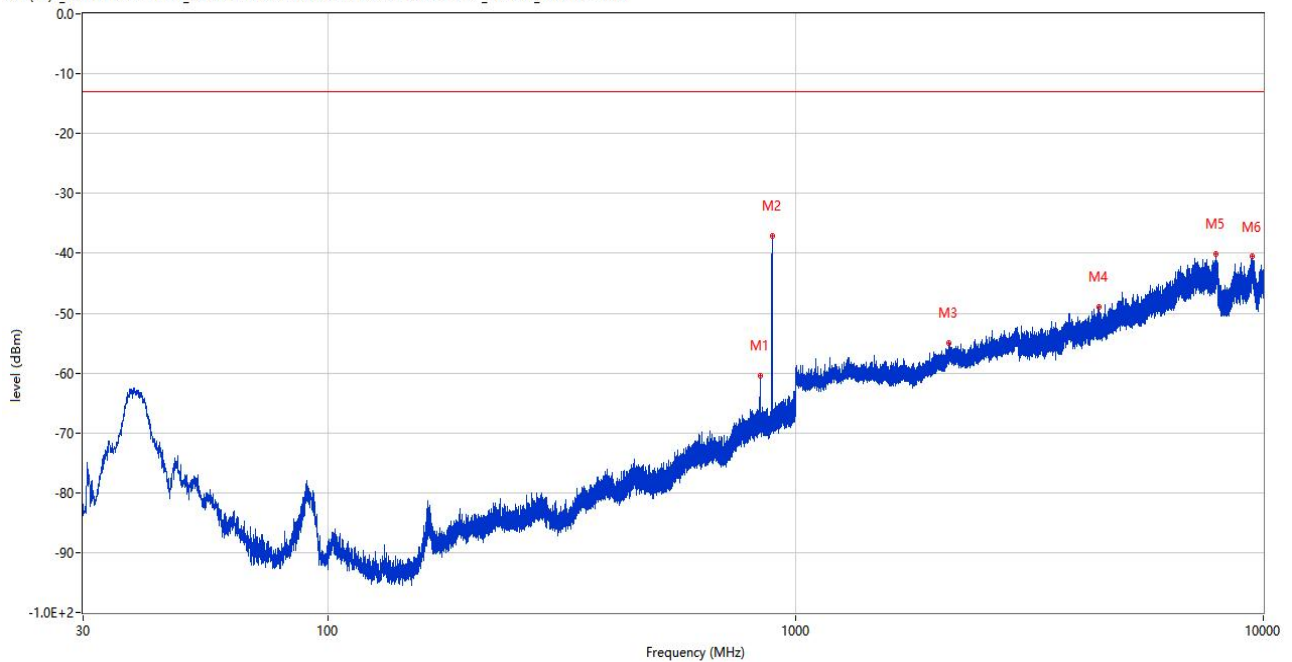


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
839.998	-60.00	5.03	-13.0	47.00	207.00	Vertical	Vertical	N/A
892.864	-37.88	4.73	-13.0	24.88	187.00	Vertical	Vertical	N/A
2013.700	-55.65	-3.43	-13.0	42.65	20.00	Vertical	Vertical	Pass
4410.250	-48.90	7.10	-13.0	35.90	185.00	Vertical	Vertical	Pass
7911.000	-40.65	14.55	-13.0	27.65	0.00	Vertical	Vertical	Pass
9447.800	-39.79	13.76	-13.0	26.79	0.00	Vertical	Vertical	Pass

Band:WCDMA B5 Channel:HIGH

range

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



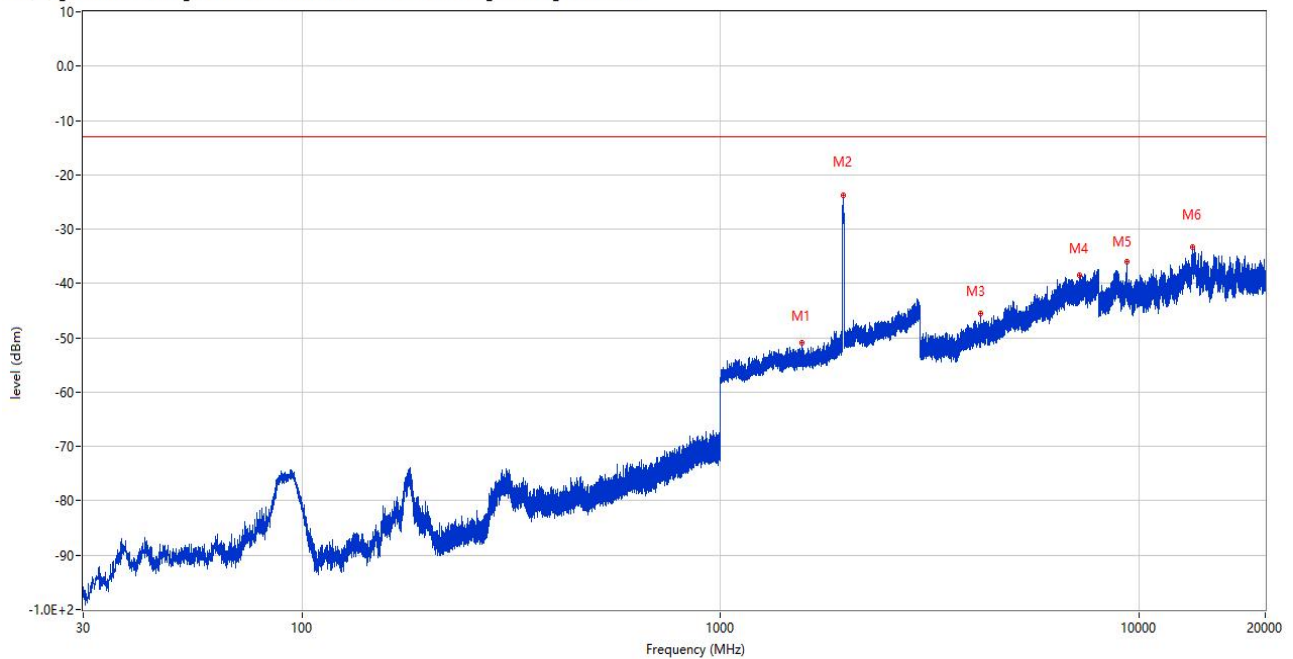
Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
839.998	-60.38	5.03	-13.0	47.38	265.00	Vertical	Horizontal	N/A
893.154	-37.10	4.74	-13.0	24.10	173.00	Vertical	Horizontal	N/A
2124.300	-54.95	-2.31	-13.0	41.95	16.00	Vertical	Horizontal	Pass
4450.500	-48.91	7.55	-13.0	35.91	0.00	Vertical	Horizontal	Pass
7934.000	-40.07	14.80	-13.0	27.07	193.00	Vertical	Horizontal	Pass
9447.800	-40.56	13.76	-13.0	27.56	360.00	Vertical	Horizontal	Pass

4. LTE

4.1 LTE Band 2

Band:LTE B2 Channel:MID range

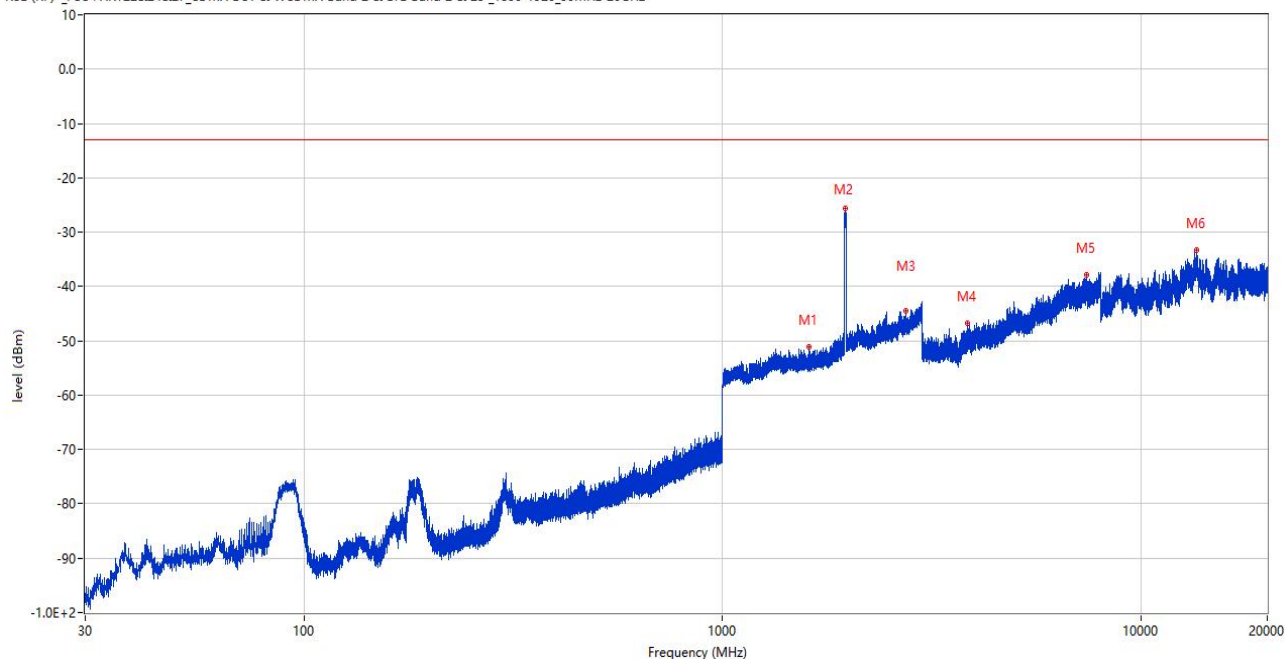
RSE (RF) _FCC PART22&24&27_CDMA BC1 & WCDMA Band 2 & LTE Band 2 & 25_1830-1920_30MHz-20GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
1563.300	-50.87	0.78	-13.0	37.87	1.00	Horizontal	Horizontal	Pass
1968.100	-23.67	3.41	-13.0	10.67	270.00	Horizontal	Horizontal	N/A
4176.250	-45.61	10.13	-13.0	32.61	336.00	Horizontal	Horizontal	Pass
7218.250	-38.46	16.67	-13.0	25.46	116.00	Horizontal	Horizontal	Pass
9323.112	-36.05	19.49	-13.0	23.05	70.00	Horizontal	Horizontal	Pass
13396.700	-33.21	24.83	-13.0	20.21	361.00	Horizontal	Horizontal	Pass

Band:LTE B2 Channel:MID range

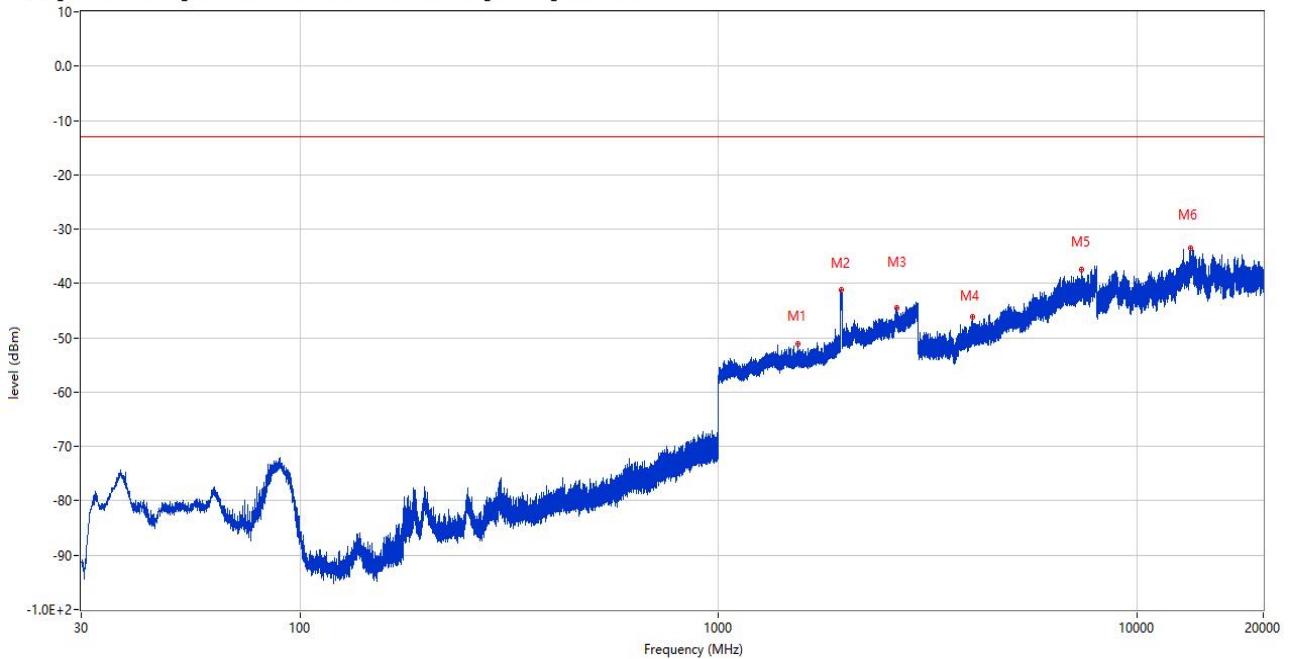
RSE (RF) _FCC PART22&24&27_CDMA BC1 & WCDMA Band 2 & LTE Band 2 & 25 _1830-1920_30MHz-20GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
1609.100	-51.19	0.53	-13.0	38.19	121.00	Horizontal	Vertical	Pass
1966.400	-25.65	3.34	-13.0	12.65	288.00	Horizontal	Vertical	N/A
2736.900	-44.48	8.46	-13.0	31.48	343.00	Horizontal	Vertical	Pass
3853.500	-46.78	9.49	-13.0	33.78	299.00	Horizontal	Vertical	Pass
7410.500	-37.83	18.12	-13.0	24.83	310.00	Horizontal	Vertical	Pass
13547.138	-33.34	25.15	-13.0	20.34	206.00	Horizontal	Vertical	Pass

Band:LTE B2 Channel:MID range

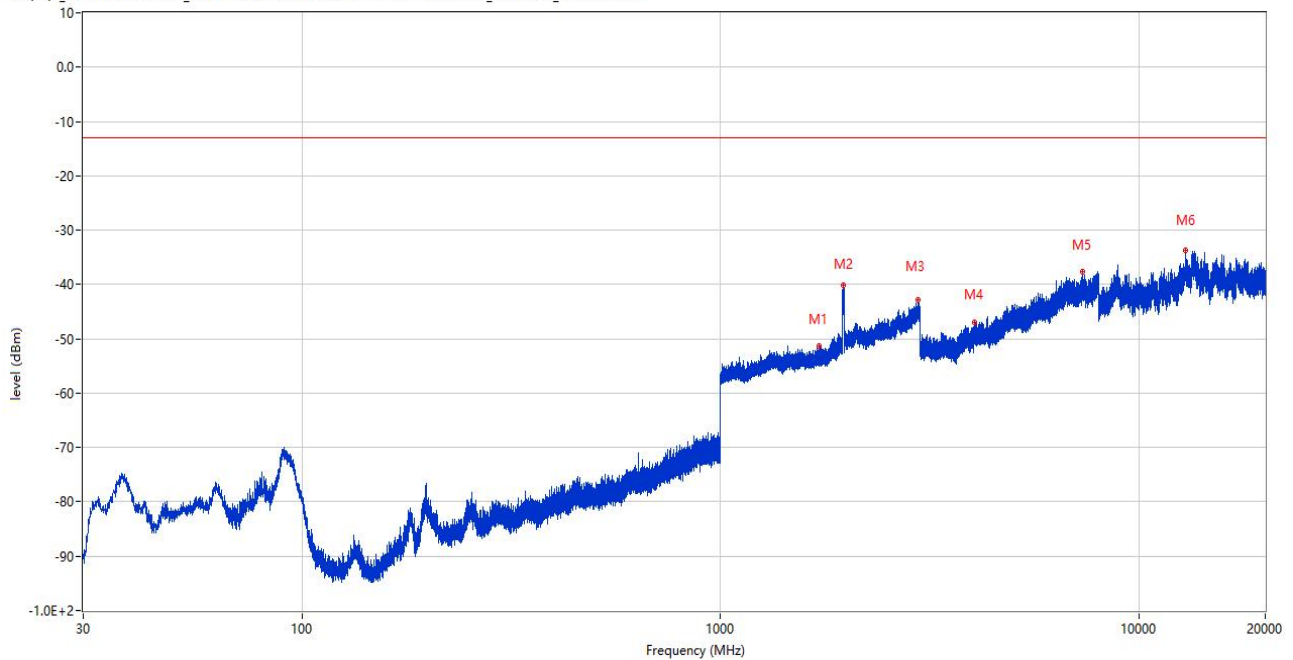
RSE (RF) _FCC PART22&24&27_CDMA BC1 & WCDMA Band 2 & LTE Band 2 & 25 _1830-1920_30MHz-20GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
1543.600	-51.19	0.92	-13.0	38.19	315.00	Vertical	Vertical	Pass
1962.700	-41.19	3.28	-13.0	28.19	81.00	Vertical	Vertical	N/A
2661.700	-44.52	8.85	-13.0	31.52	247.00	Vertical	Vertical	Pass
4039.750	-46.23	9.97	-13.0	33.23	18.00	Vertical	Vertical	Pass
7379.500	-37.47	17.56	-13.0	24.47	193.00	Vertical	Vertical	Pass
13417.725	-33.59	24.73	-13.0	20.59	63.00	Vertical	Vertical	Pass

Band:LTE B2 Channel:MID range

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

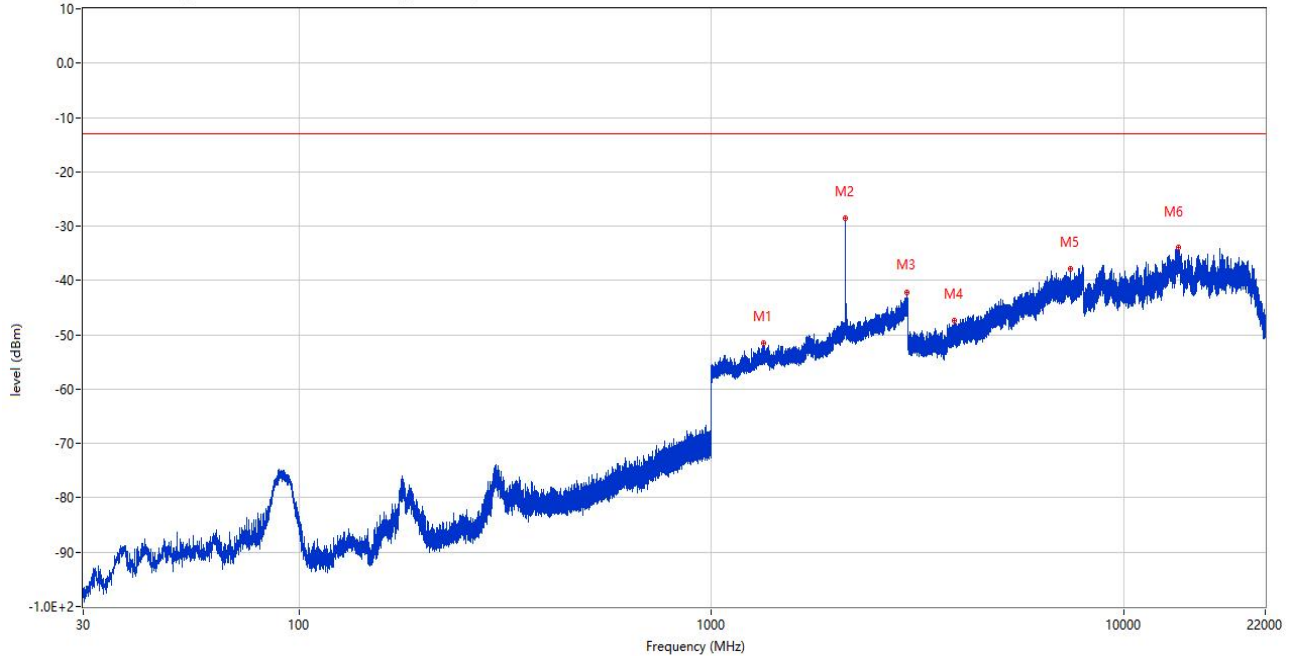


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
1719.400	-51.35	0.69	-13.0	38.35	146.00	Vertical	Horizontal	Pass
1968.000	-40.16	3.41	-13.0	27.16	195.00	Vertical	Horizontal	N/A
2957.800	-42.88	10.82	-13.0	29.88	159.00	Vertical	Horizontal	Pass
4044.250	-47.01	10.42	-13.0	34.01	0.00	Vertical	Horizontal	Pass
7319.000	-37.71	17.19	-13.0	24.71	299.00	Vertical	Horizontal	Pass
12888.475	-33.73	23.45	-13.0	20.73	112.00	Vertical	Horizontal	Pass

4.2 LTE Band 4

Band:LTE B4 Channel:LOW range

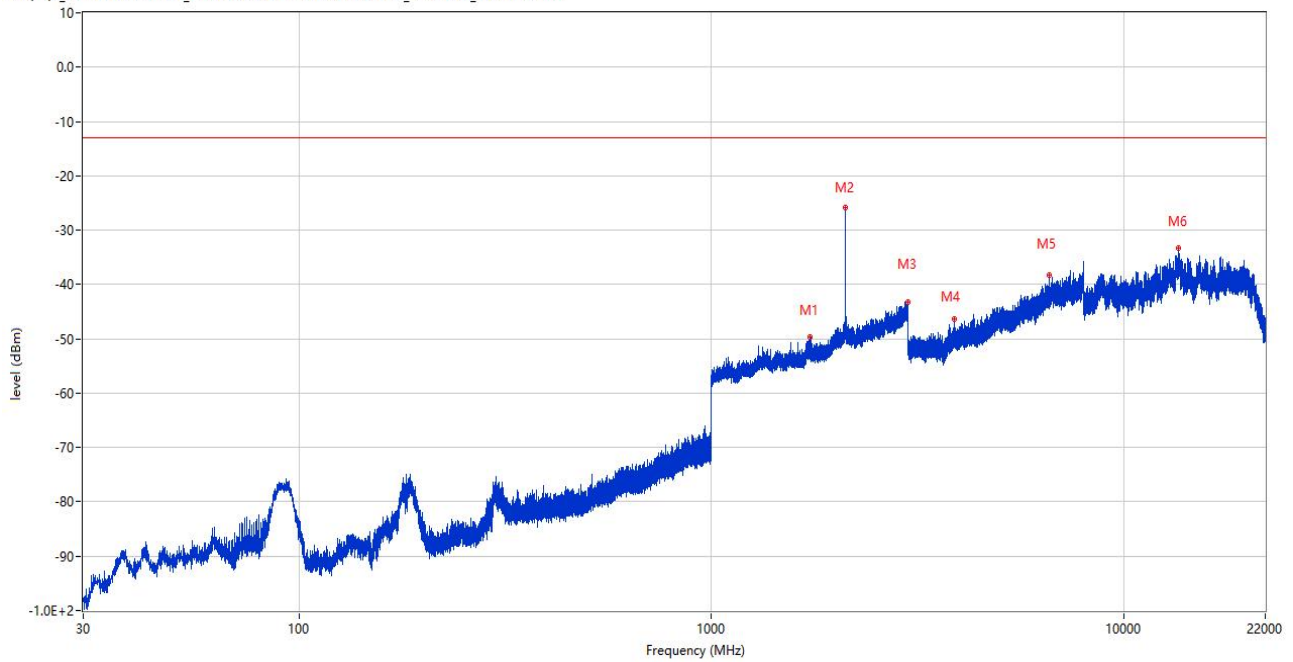
RSE (RF) _FCC PART22&24&27_WCDMA Band 4 & LTE Band 4 & 66 _1710-1785_30MHz-20GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
1338.800	-51.59	0.72	-13.0	38.59	8.00	Horizontal	Horizontal	Pass
2112.400	-28.51	5.73	-13.0	15.51	271.00	Horizontal	Horizontal	N/A
2972.300	-42.10	11.76	-13.0	29.10	40.00	Horizontal	Horizontal	Pass
3889.000	-47.39	9.75	-13.0	34.39	102.00	Horizontal	Horizontal	Pass
7410.500	-37.80	18.12	-13.0	24.80	124.00	Horizontal	Horizontal	Pass
13548.738	-34.00	25.19	-13.0	21.00	360.00	Horizontal	Horizontal	Pass

Band:LTE B4 Channel:LOW range

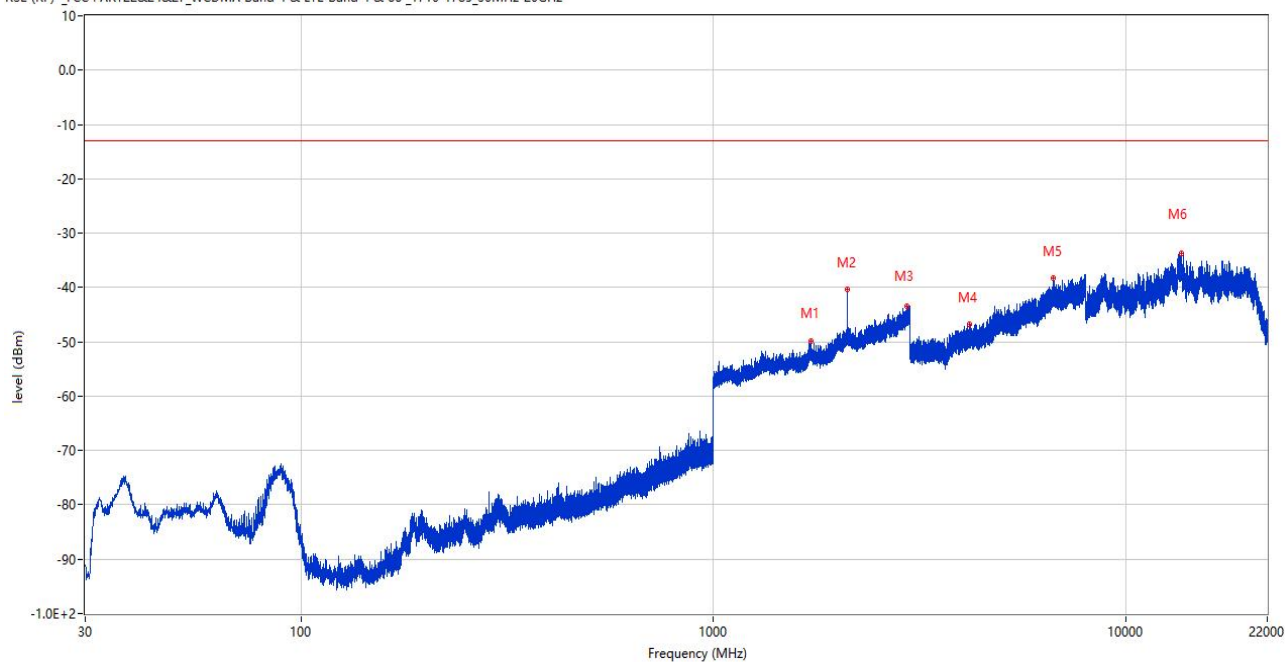
RSE (RF) _FCC PART22&24&27_WCDMA Band 4 & LTE Band 4 & 66 _1710-1785_30MHz-20GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
1738.200	-49.70	2.39	-13.0	36.70	2.00	Horizontal	Vertical	Pass
2113.200	-25.80	5.70	-13.0	12.80	124.00	Horizontal	Vertical	N/A
2998.300	-43.20	10.80	-13.0	30.20	33.00	Horizontal	Vertical	Pass
3882.750	-46.38	9.40	-13.0	33.38	159.00	Horizontal	Vertical	Pass
6600.250	-38.34	15.92	-13.0	25.34	7.00	Horizontal	Vertical	Pass
13520.987	-33.29	24.48	-13.0	20.29	297.00	Horizontal	Vertical	Pass

Band:LTE B4 Channel:LOW range

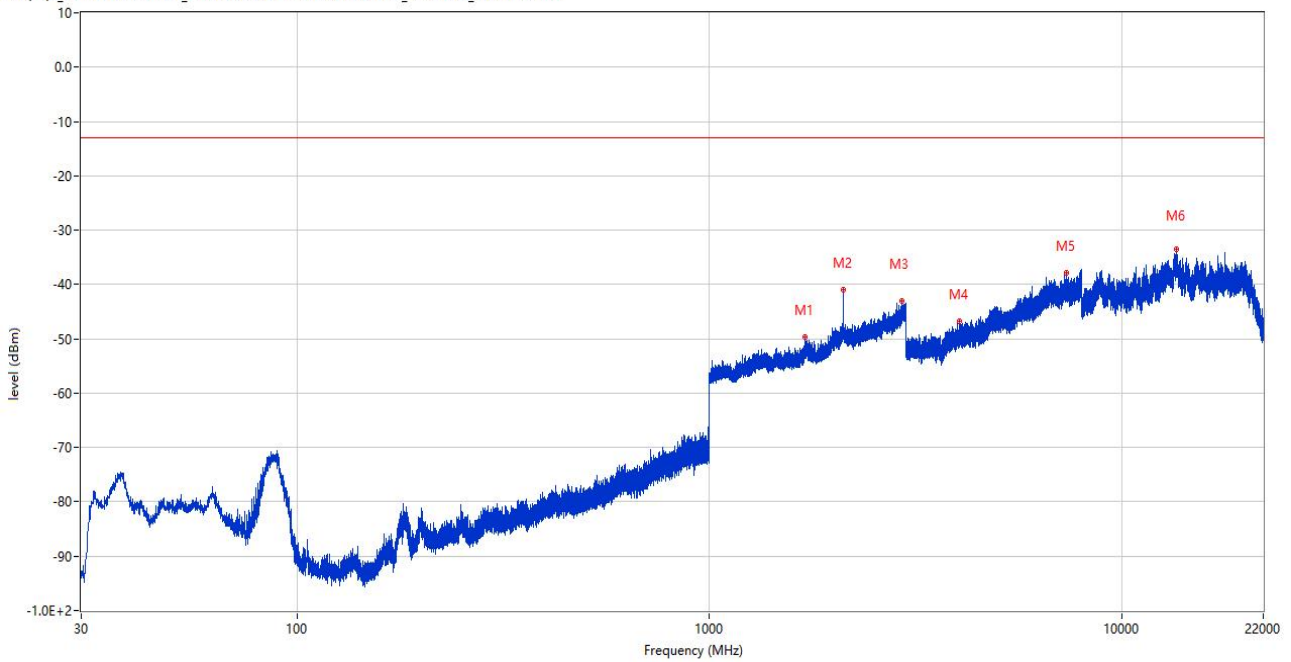
RSE (RF) _FCC PART22&24&27_WCDMA Band 4 & LTE Band 4 & 66_1710-1785_30MHz-20GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
1721.300	-49.94	2.56	-13.0	36.94	108.00	Vertical	Vertical	N/A
2113.300	-40.31	5.69	-13.0	27.31	281.00	Vertical	Vertical	N/A
2942.600	-43.37	11.21	-13.0	30.37	59.00	Vertical	Vertical	Pass
4176.250	-46.69	10.13	-13.0	33.69	212.00	Vertical	Vertical	Pass
6667.250	-38.23	16.45	-13.0	25.23	158.00	Vertical	Vertical	Pass
13613.950	-33.63	24.86	-13.0	20.63	274.00	Vertical	Vertical	Pass

Band:LTE B4 Channel:LOW range

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

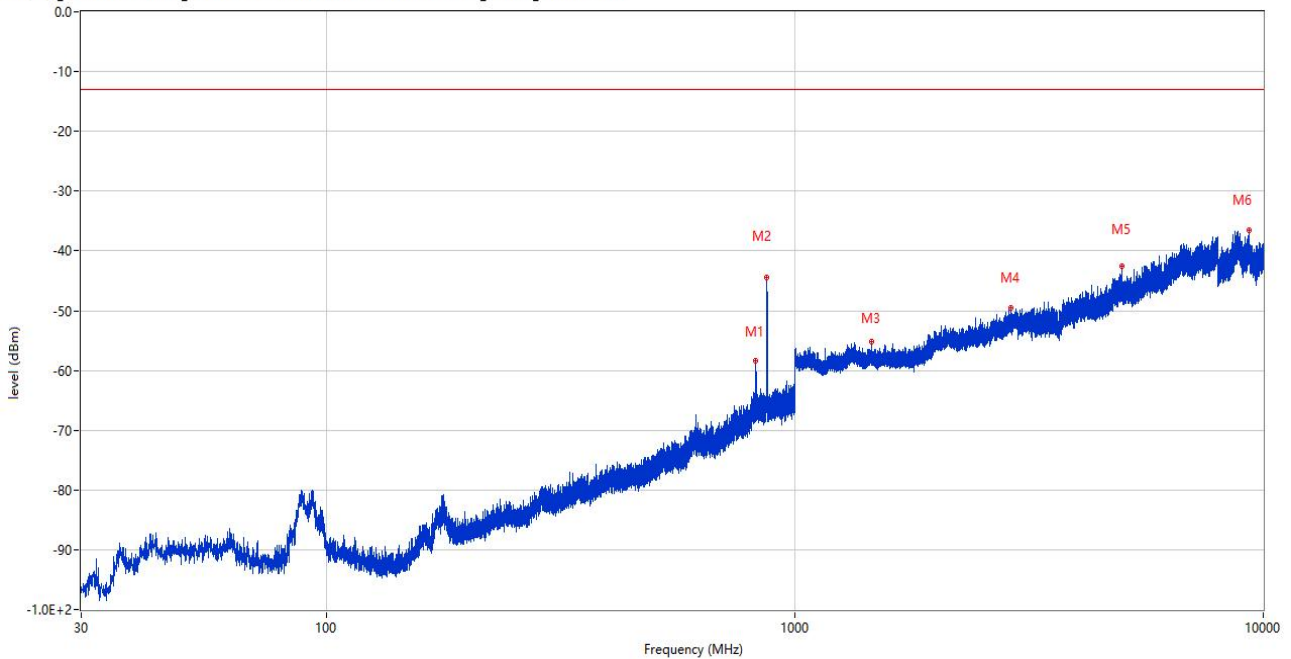


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
1708.300	-49.66	2.70	-13.0	36.66	308.00	Vertical	Horizontal	N/A
2114.300	-40.97	5.66	-13.0	27.97	271.00	Vertical	Horizontal	N/A
2920.000	-42.97	10.74	-13.0	29.97	240.00	Vertical	Horizontal	Pass
4040.250	-46.83	10.01	-13.0	33.83	235.00	Vertical	Horizontal	Pass
7319.500	-37.94	17.19	-13.0	24.94	94.00	Vertical	Horizontal	Pass
13586.201	-33.45	24.97	-13.0	20.45	64.00	Vertical	Horizontal	Pass

4.3 LTE Band 5

Band:LTE B5 Channel:LOW range

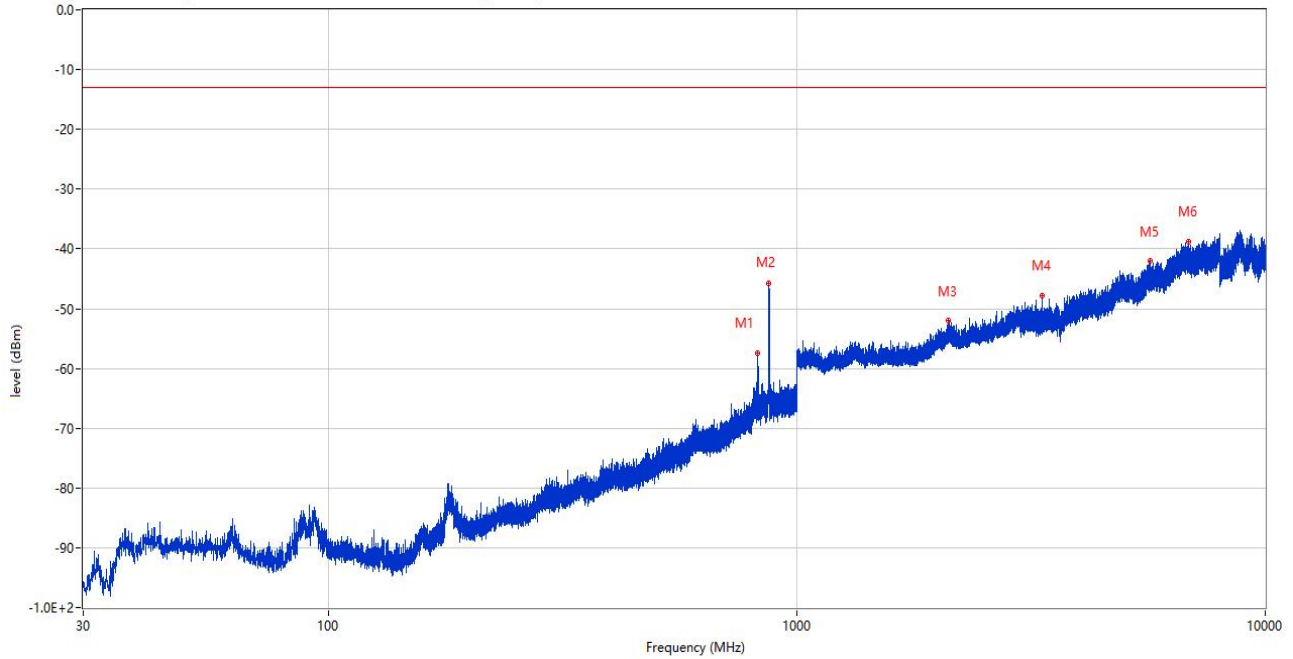
RSE (RF) FCC PART22&24&27_CDMA BC0 & WCDMA Band5 & LTE Band 5 & 26_814-849_30MHz-10GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
826.710	-58.44	6.95	-13.0	45.44	231.00	Horizontal	Horizontal	N/A
870.505	-44.52	6.37	-13.0	31.52	71.00	Horizontal	Horizontal	N/A
1461.600	-55.25	-3.15	-13.0	42.25	122.00	Horizontal	Horizontal	Pass
2888.100	-49.51	4.08	-13.0	36.51	297.00	Horizontal	Horizontal	Pass
4995.250	-42.60	12.94	-13.0	29.60	3.00	Horizontal	Horizontal	Pass
9325.799	-36.60	19.45	-13.0	23.60	86.00	Horizontal	Horizontal	Pass

Band:LTE B5 Channel:LOW range

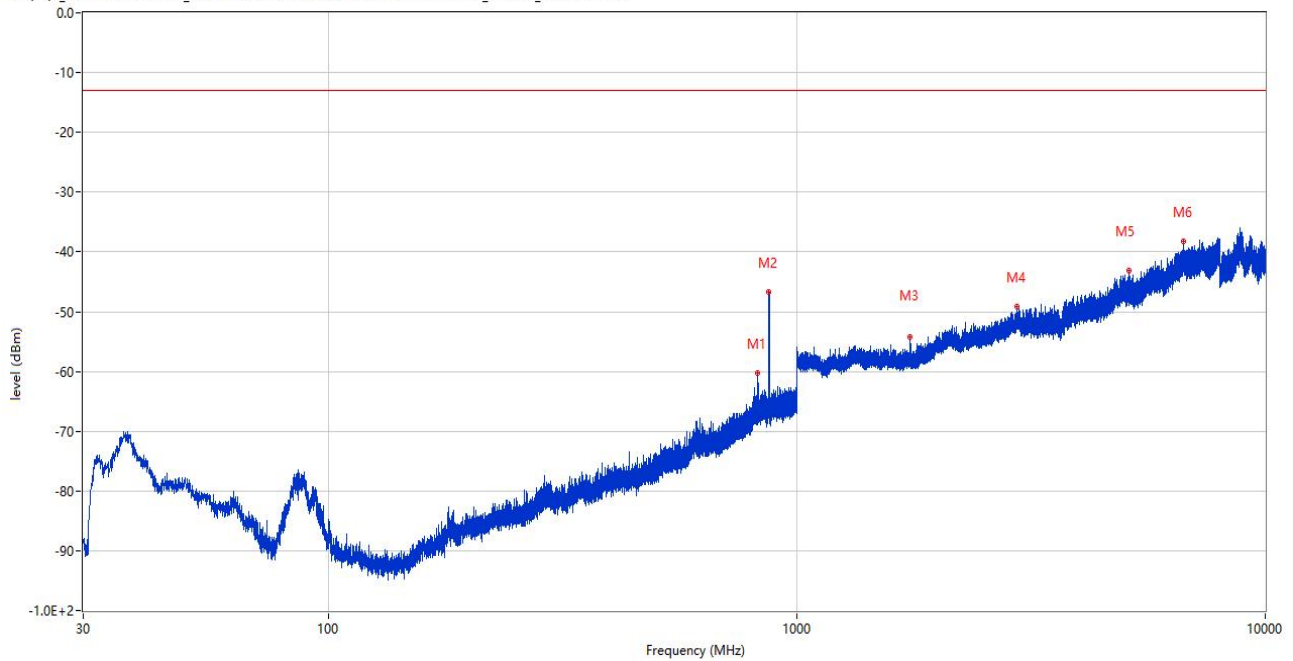
RSE (RF) _FCC PART22&24&27_CDMA BC0 & WCDMA Band5 & LTE Band 5 & 26 _814-849_30MHz-10GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
826.661	-57.43	6.95	-13.0	44.43	329.00	Horizontal	Vertical	N/A
870.359	-45.72	6.38	-13.0	32.72	76.00	Horizontal	Vertical	N/A
2110.200	-52.04	0.29	-13.0	39.04	15.00	Horizontal	Vertical	Pass
3344.250	-47.80	7.19	-13.0	34.80	334.00	Horizontal	Vertical	Pass
5681.000	-42.06	13.71	-13.0	29.06	318.00	Horizontal	Vertical	Pass
6866.250	-38.74	16.40	-13.0	25.74	268.00	Horizontal	Vertical	Pass

Band:LTE B5 Channel:LOW range

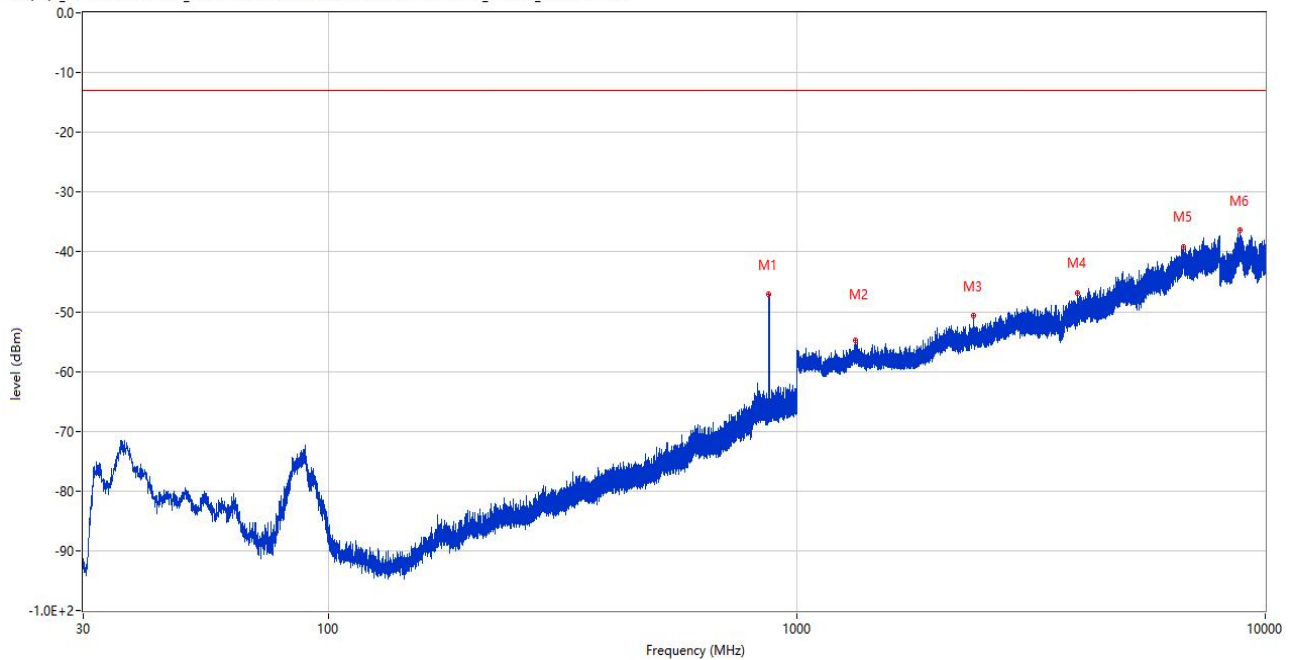
RSE (RF) _FCC PART22&24&27_CDMA BC0 & WCDMA Band5 & LTE Band 5 & 26_814-849_30MHz-10GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
826.758	-60.32	6.95	-13.0	47.32	243.00	Vertical	Vertical	N/A
871.620	-46.74	6.43	-13.0	33.74	360.00	Vertical	Vertical	N/A
1748.000	-54.33	-3.78	-13.0	41.33	202.00	Vertical	Vertical	Pass
2950.600	-49.20	4.74	-13.0	36.20	115.00	Vertical	Vertical	Pass
5111.250	-43.10	12.30	-13.0	30.10	51.00	Vertical	Vertical	Pass
6686.500	-38.25	17.04	-13.0	25.25	333.00	Vertical	Vertical	Pass

Band:LTE B5 Channel:LOW range

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

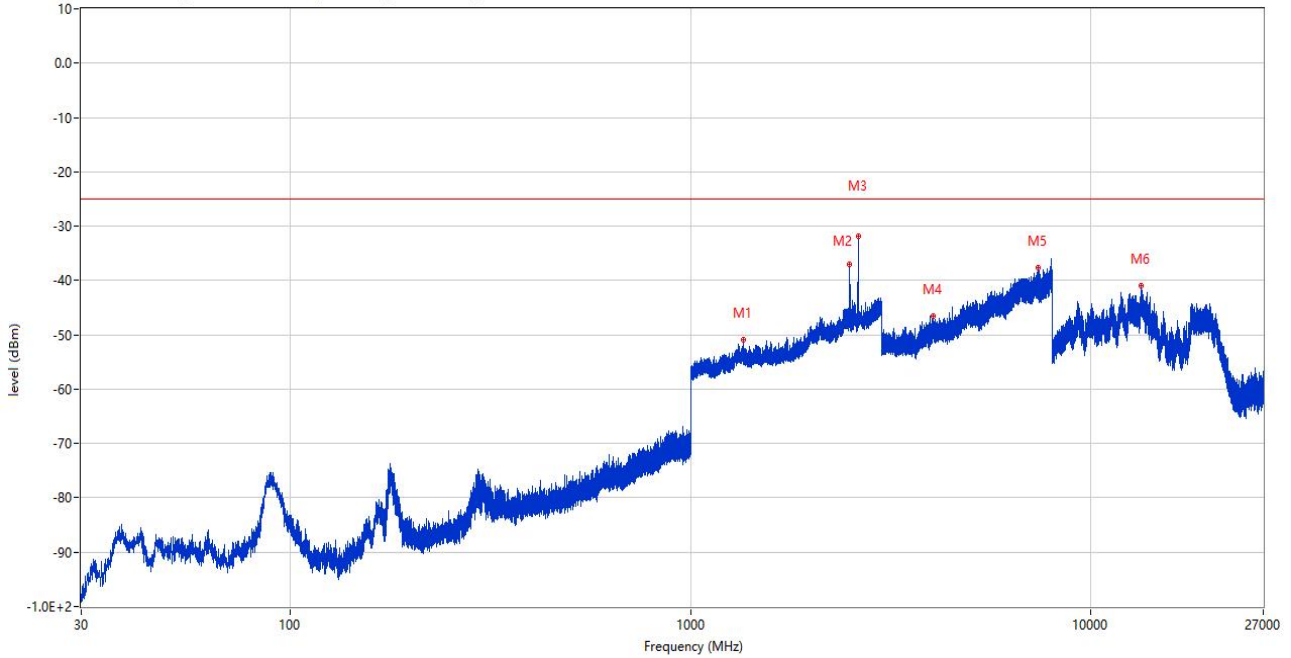


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
870.893	-47.12	6.40	-13.0	34.12	360.00	Vertical	Horizontal	N/A
1332.100	-54.90	-2.34	-13.0	41.90	0.00	Vertical	Horizontal	Pass
2378.700	-50.75	0.94	-13.0	37.75	296.00	Vertical	Horizontal	Pass
3984.250	-46.95	9.51	-13.0	33.95	267.00	Vertical	Horizontal	Pass
6702.000	-39.25	16.83	-13.0	26.25	70.00	Vertical	Horizontal	Pass
8852.500	-36.37	20.33	-13.0	23.37	263.00	Vertical	Horizontal	Pass

4.4 LTE Band 7

Band:LTE B7 Channel:LOW range

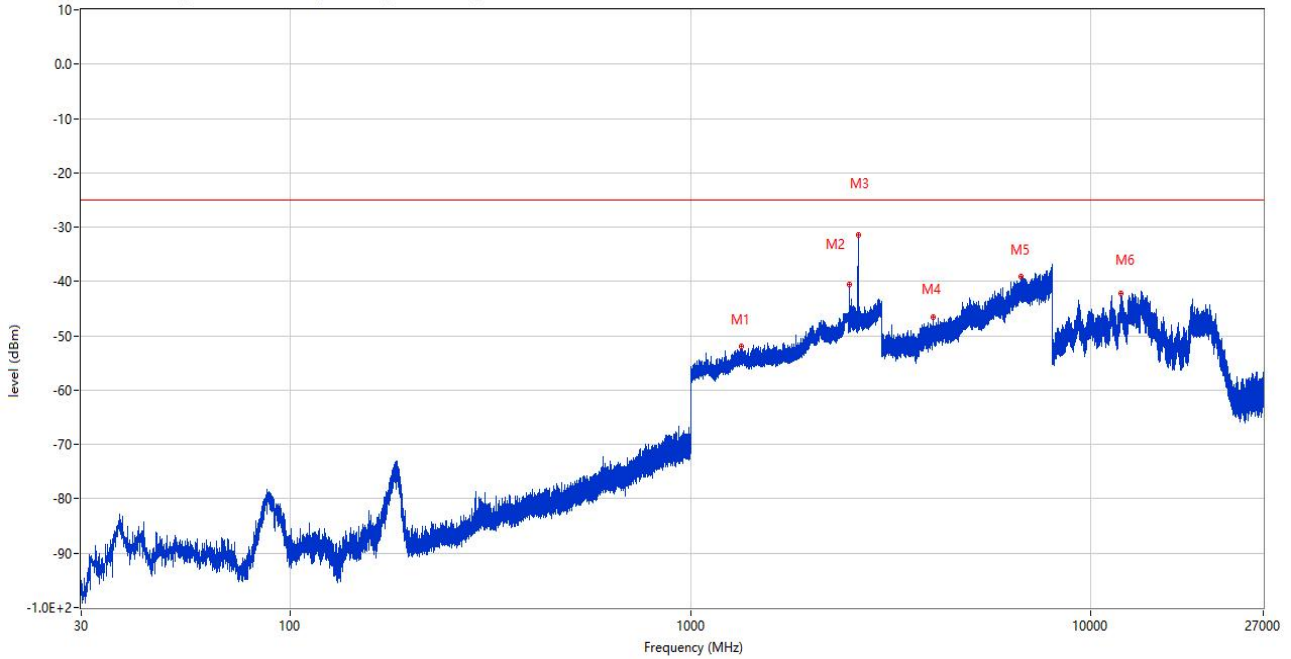
RSE (RF) _FCC PART22&24&27_LTE Band 7 & 41(low)_2496-2570_30MHz-27GHz_



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
1356.000	-50.93	0.58	-25.0	25.93	300.00	Horizontal	Horizontal	Pass
2501.100	-36.99	8.93	-25.0	11.99	90.00	Horizontal	Horizontal	N/A
2623.700	-31.90	7.74	-25.0	6.90	245.00	Horizontal	Horizontal	N/A
4050.250	-46.54	10.87	-25.0	21.54	0.00	Horizontal	Horizontal	Pass
7404.500	-37.62	17.89	-25.0	12.62	178.00	Horizontal	Horizontal	Pass
13363.987	-40.94	16.67	-25.0	15.94	17.00	Horizontal	Horizontal	Pass

Band:LTE B7 Channel:LOW range

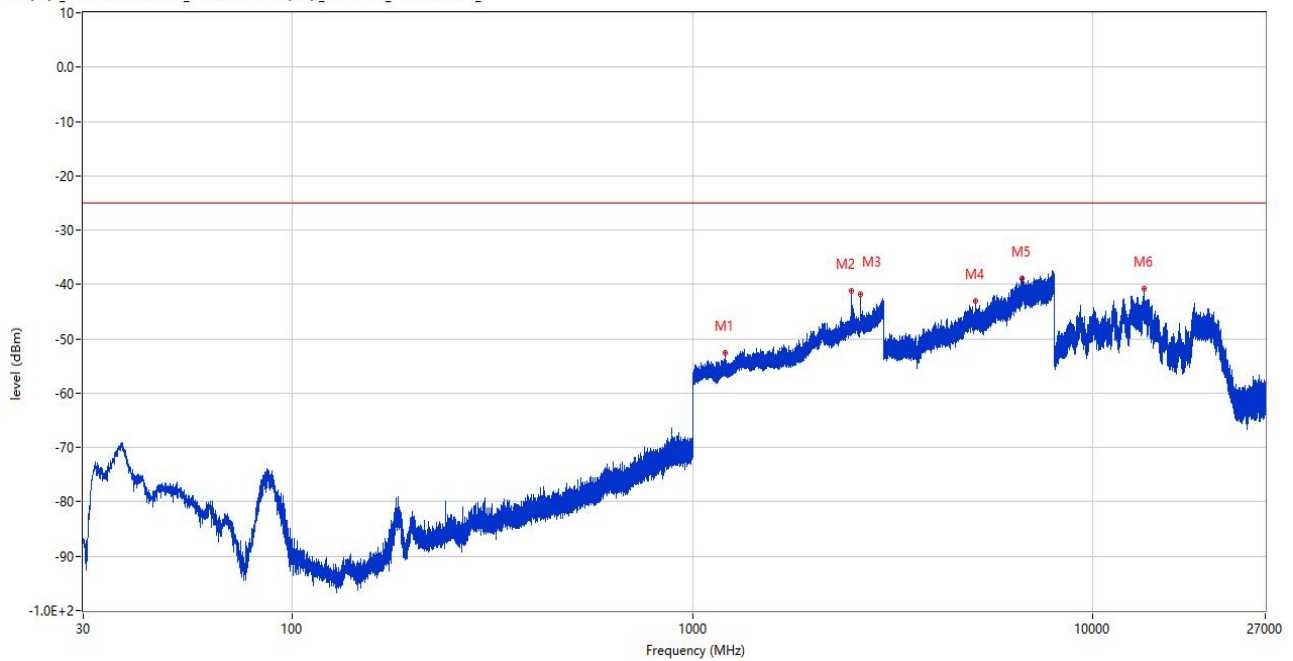
RSE (RF) _FCC PART22&24&27_LTE Band 7 & 41(low)_2496-2570_30MHz-27GHz_



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
1342.900	-52.03	0.77	-25.0	27.03	120.00	Horizontal	Vertical	Pass
2501.200	-40.52	8.93	-25.0	15.52	3.00	Horizontal	Vertical	N/A
2623.500	-31.46	7.74	-25.0	6.46	247.00	Horizontal	Vertical	N/A
4045.500	-46.47	10.49	-25.0	21.47	50.00	Horizontal	Vertical	Pass
6695.000	-39.02	16.93	-25.0	14.02	0.00	Horizontal	Vertical	Pass
11912.337	-42.16	13.96	-25.0	17.16	360.00	Horizontal	Vertical	Pass

Band:LTE B7 Channel:LOW range

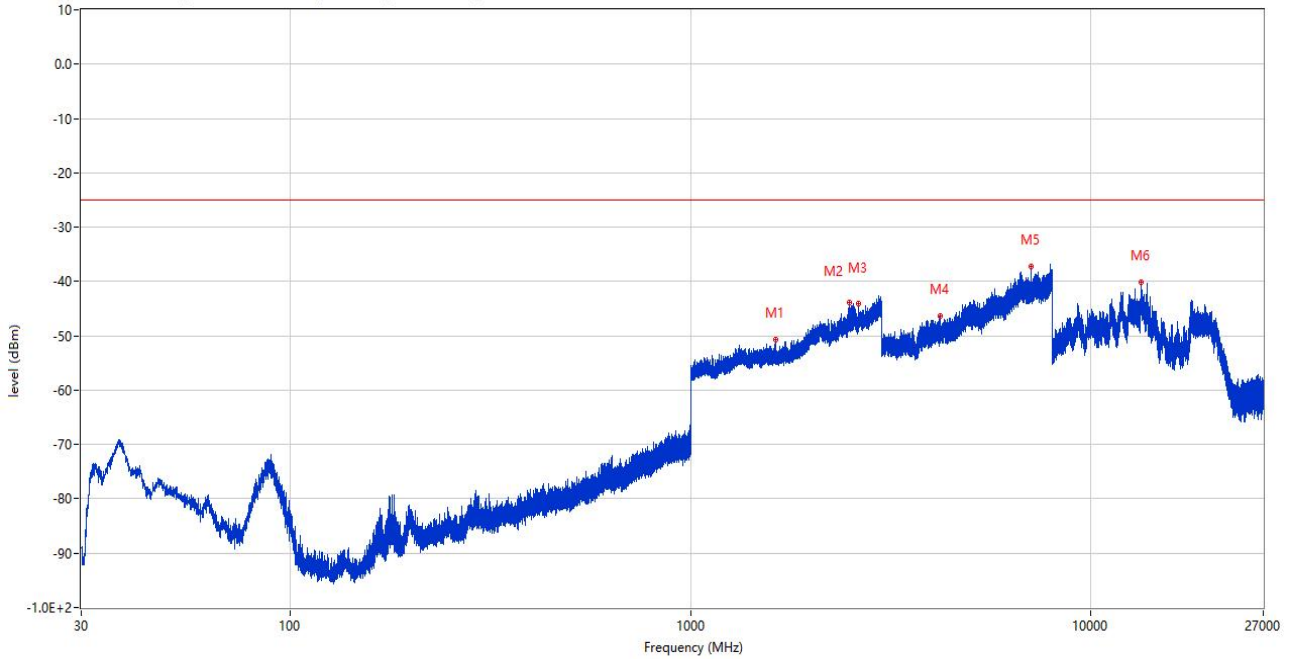
RSE (RF) _FCC PART22&24&27_LTE Band 7 & 41(low)_2496-2570_30MHz-27GHz_



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
1210.000	-52.52	-0.72	-25.0	27.52	64.00	Vertical	Vertical	Pass
2500.900	-41.12	8.93	-25.0	16.12	182.00	Vertical	Vertical	N/A
2623.400	-41.86	7.75	-25.0	16.86	21.00	Vertical	Vertical	N/A
5103.250	-43.13	12.39	-25.0	18.13	321.00	Vertical	Vertical	Pass
6668.500	-38.92	16.56	-25.0	13.92	123.00	Vertical	Vertical	Pass
13421.475	-40.84	16.54	-25.0	15.84	276.00	Vertical	Vertical	Pass

Band:LTE B7 Channel:LOW range

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

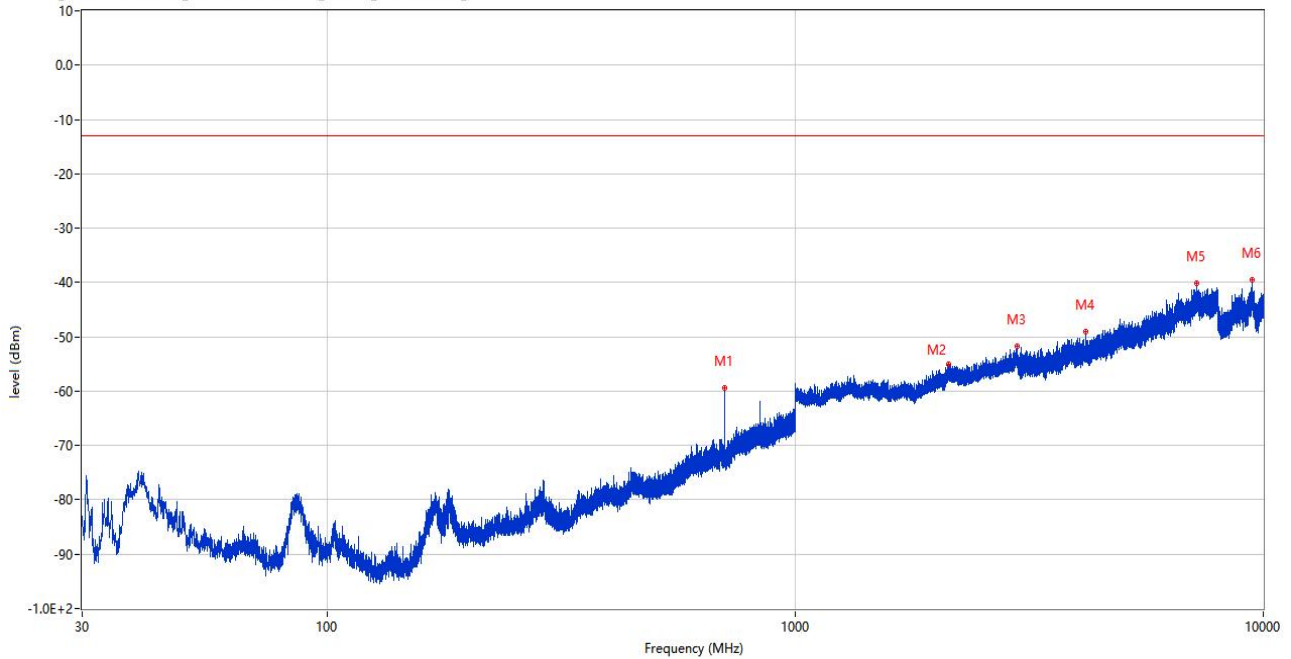


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
1633.000	-50.70	0.43	-25.0	25.70	145.00	Vertical	Horizontal	Pass
2501.300	-43.81	8.93	-25.0	18.81	9.00	Vertical	Horizontal	N/A
2622.900	-44.13	7.76	-25.0	19.13	22.00	Vertical	Horizontal	N/A
4210.000	-46.24	10.93	-25.0	21.24	41.00	Vertical	Horizontal	Pass
7102.750	-37.32	16.74	-25.0	12.32	360.00	Vertical	Horizontal	Pass
13403.099	-40.18	16.94	-25.0	15.18	250.00	Vertical	Horizontal	Pass

4.5 LTE Band 12

Band:LTE B12 Channel:LOW range

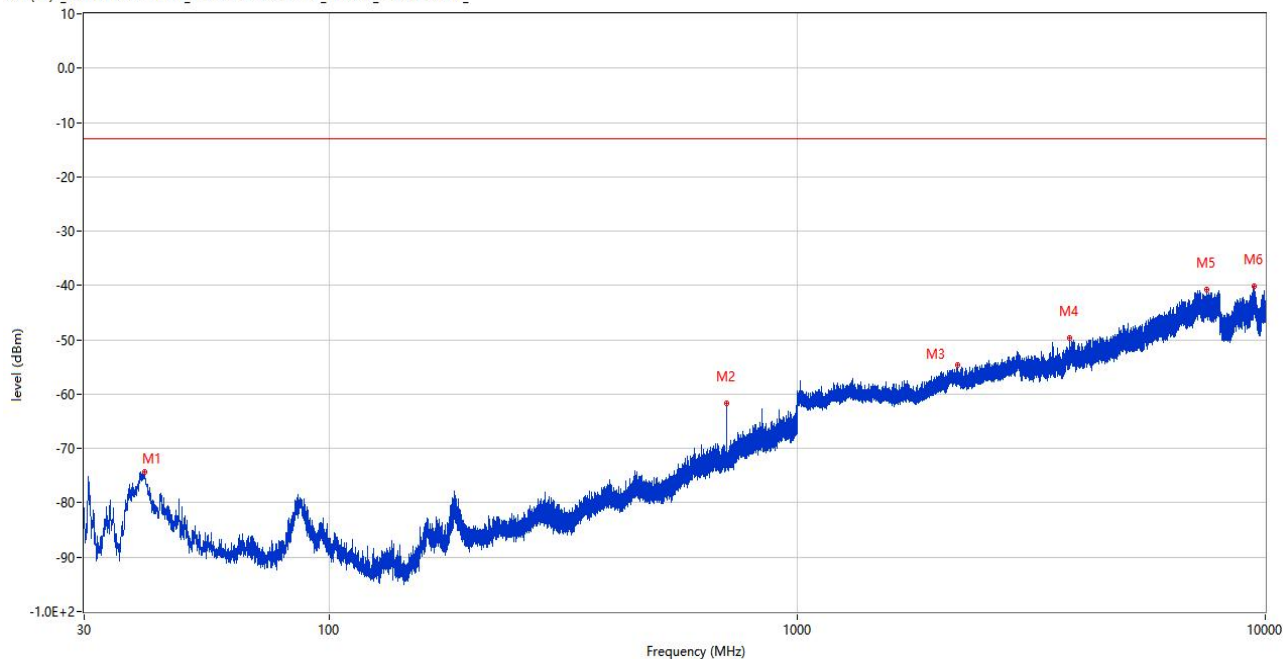
RSE (RF) _FCC PART22&24&27_LTE B12 & B17 & B28 _699-748_30MHz-10GHz_



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
708.418	-59.48	1.12	-13.0	46.48	302.00	Horizontal	Horizontal	N/A
2126.600	-54.94	-2.08	-13.0	41.94	100.00	Horizontal	Horizontal	Pass
2973.600	-51.76	2.66	-13.0	38.76	148.00	Horizontal	Horizontal	Pass
4184.750	-49.07	7.36	-13.0	36.07	251.00	Horizontal	Horizontal	Pass
7218.750	-40.12	13.95	-13.0	27.12	335.00	Horizontal	Horizontal	Pass
9478.200	-39.55	13.18	-13.0	26.55	92.00	Horizontal	Horizontal	Pass

Band:LTE B12 Channel:LOW range

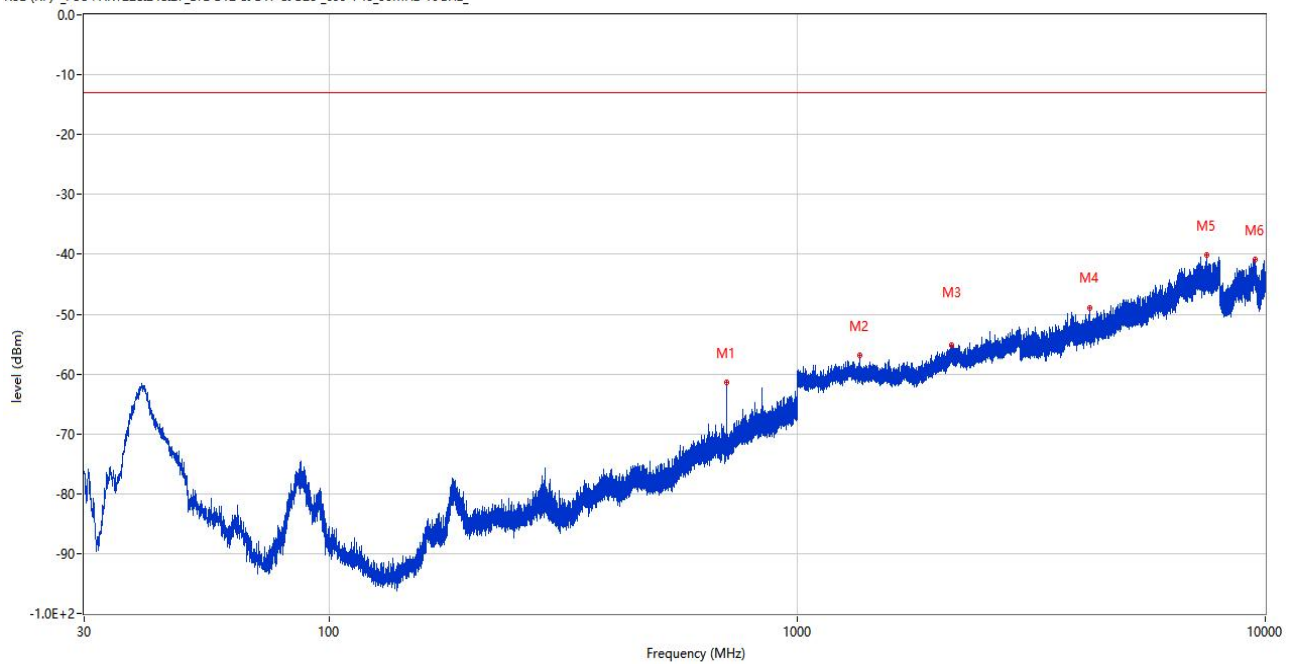
RSE (RF) _FCC PART22&24&27_LTE B12 & B17 & B28_699-748_30MHz-10GHz_



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
40.331	-74.21	-18.38	-13.0	61.21	202.00	Horizontal	Vertical	Pass
708.466	-61.74	1.13	-13.0	48.74	182.00	Horizontal	Vertical	N/A
2197.000	-54.61	-1.95	-13.0	41.61	132.00	Horizontal	Vertical	Pass
3823.500	-49.64	6.27	-13.0	36.64	138.00	Horizontal	Vertical	Pass
7489.250	-40.81	13.99	-13.0	27.81	360.00	Horizontal	Vertical	Pass
9491.401	-40.17	12.90	-13.0	27.17	225.00	Horizontal	Vertical	Pass

Band:LTE B12 Channel:LOW range

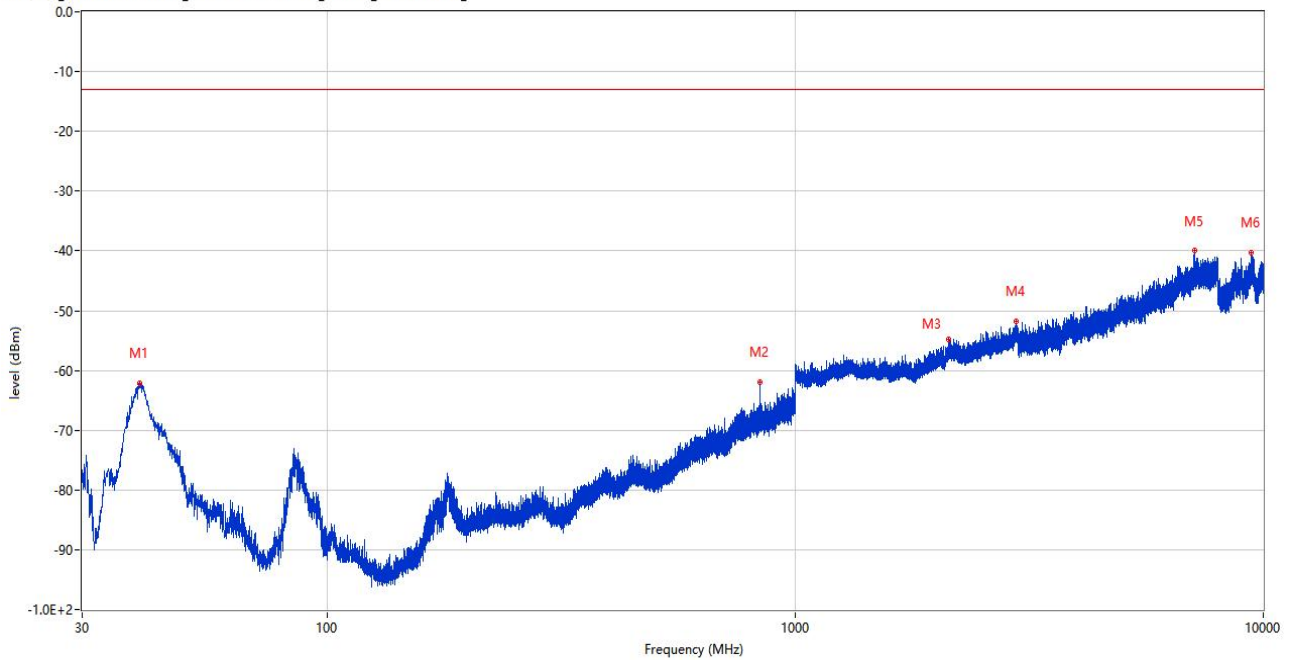
RSE (RF) _FCC PART22&24&27_LTE B12 & B17 & B28_699-748_30MHz-10GHz_



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
708.466	-61.43	1.13	-13.0	48.43	260.00	Vertical	Vertical	N/A
1359.000	-56.94	-5.23	-13.0	43.94	201.00	Vertical	Vertical	Pass
2136.100	-55.11	-2.12	-13.0	42.11	360.00	Vertical	Vertical	Pass
4213.000	-48.96	6.63	-13.0	35.96	349.00	Vertical	Vertical	Pass
7506.500	-40.07	13.68	-13.0	27.07	243.00	Vertical	Vertical	Pass
9499.400	-40.92	12.73	-13.0	27.92	225.00	Vertical	Vertical	Pass

Band:LTE B12 Channel:LOW range

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

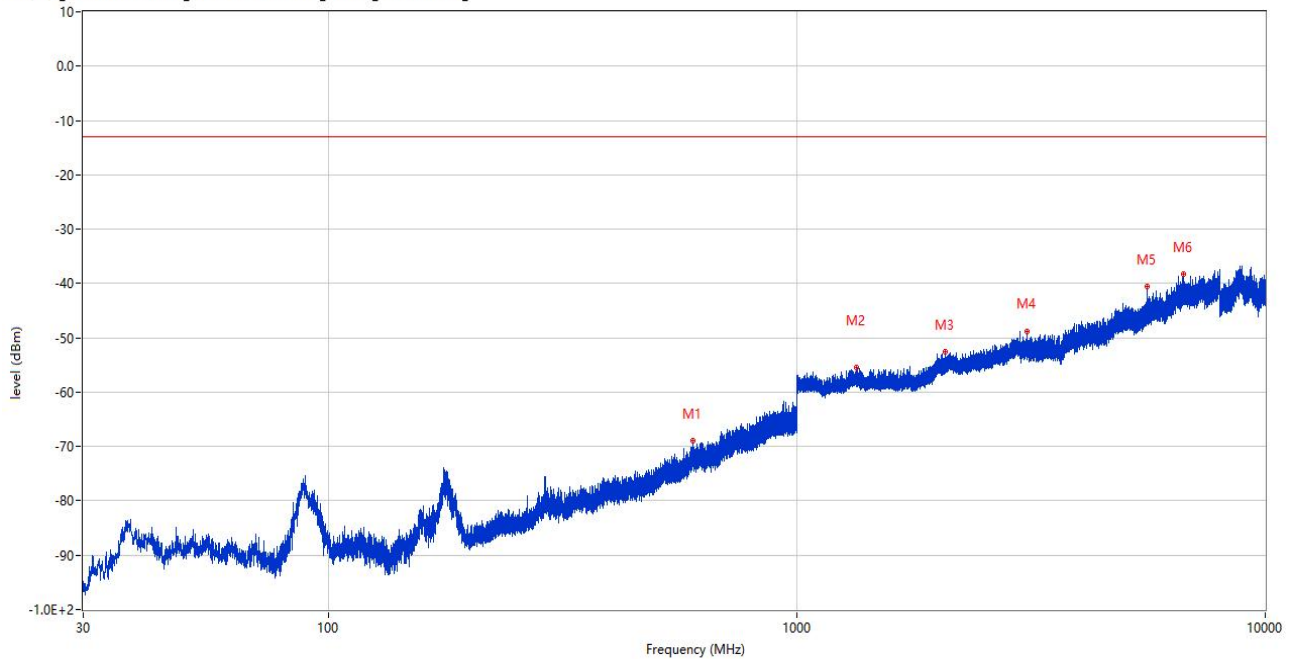


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
39.846	-62.11	-18.63	-13.0	49.11	352.00	Vertical	Horizontal	Pass
839.998	-61.89	4.79	-13.0	48.89	67.00	Vertical	Horizontal	Pass
2132.100	-54.74	-2.00	-13.0	41.74	353.00	Vertical	Horizontal	Pass
2964.800	-51.73	2.96	-13.0	38.73	360.00	Vertical	Horizontal	Pass
7128.750	-40.00	13.85	-13.0	27.00	352.00	Vertical	Horizontal	Pass
9442.201	-40.30	13.72	-13.0	27.30	360.00	Vertical	Horizontal	Pass

4.6 LTE Band 17

Band:LTE B17 Channel:LOW range

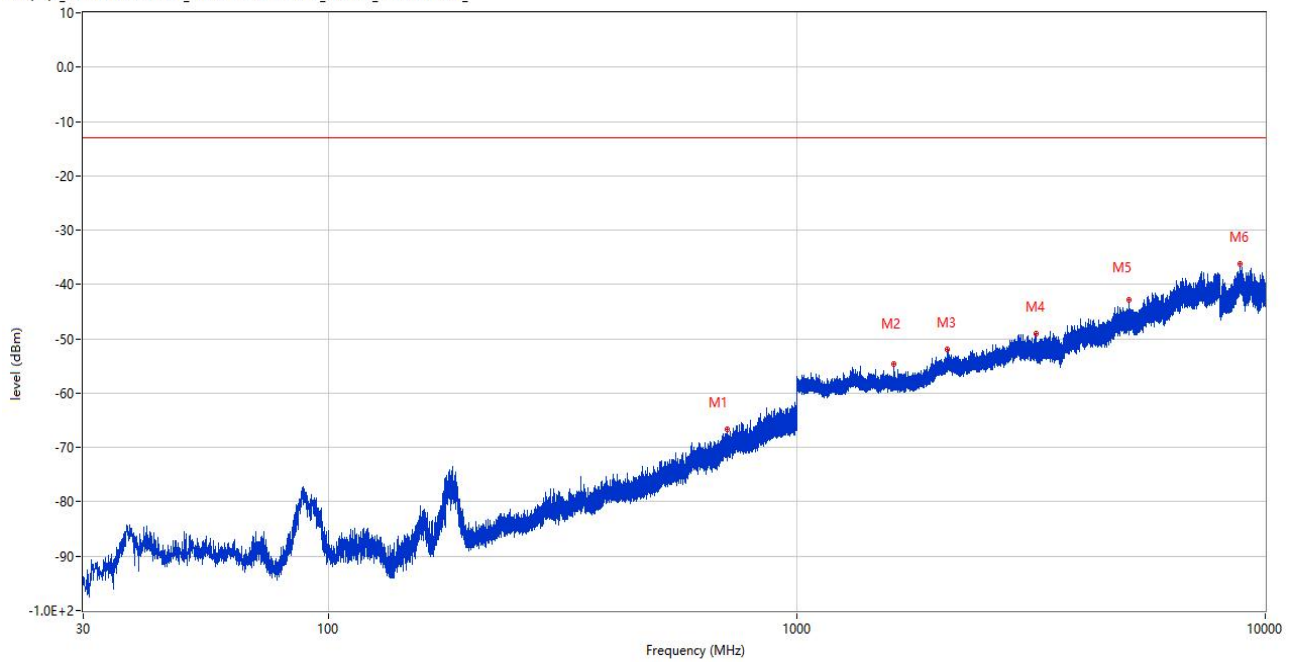
RSE (RF) _FCC PART22&24&27_LTE B12 & B17 & B28 _699-748_30MHz-10GHz_



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
600.118	-69.01	0.89	-13.0	56.01	348.00	Horizontal	Horizontal	Pass
1337.900	-55.50	-2.63	-13.0	42.50	58.00	Horizontal	Horizontal	Pass
2073.400	-52.66	-0.24	-13.0	39.66	238.00	Horizontal	Horizontal	Pass
3104.750	-48.73	6.38	-13.0	35.73	300.00	Horizontal	Horizontal	Pass
5604.500	-40.59	13.81	-13.0	27.59	316.00	Horizontal	Horizontal	Pass
6681.000	-38.32	16.91	-13.0	25.32	52.00	Horizontal	Horizontal	Pass

Band:LTE B17 Channel:LOW range

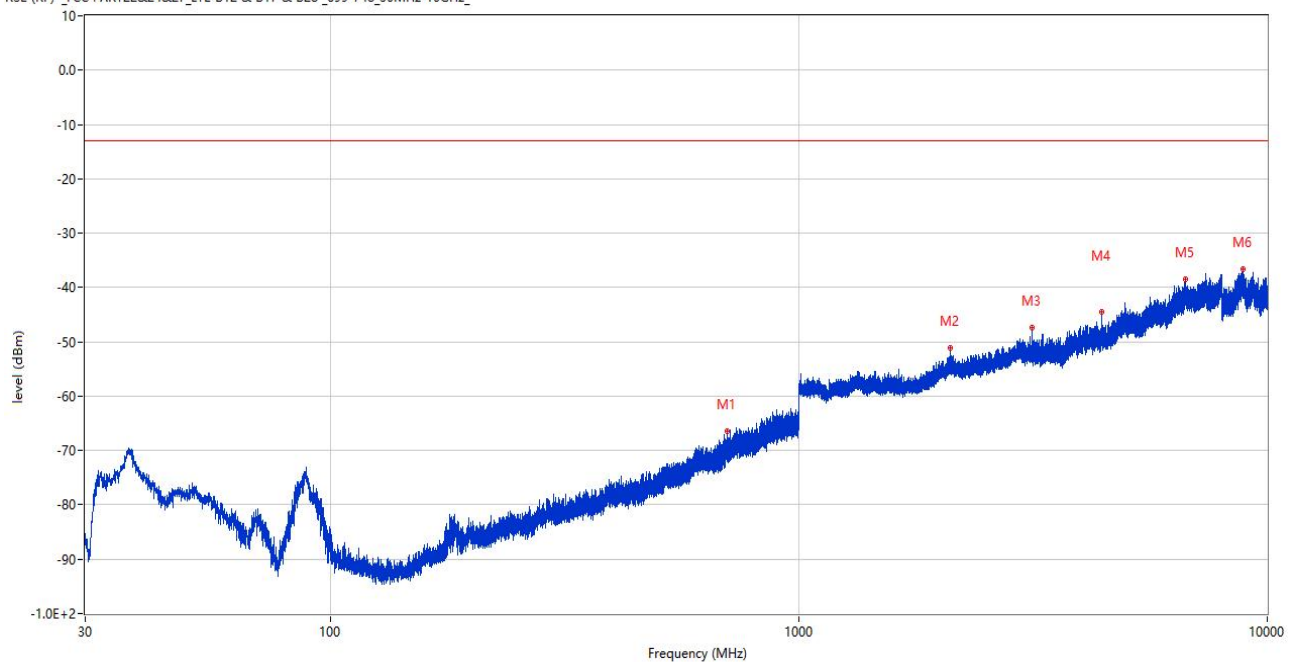
RSE (RF) _FCC PART22&24&27_LTE B12 & B17 & B28 _699-748_30MHz-10GHz_



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
709.291	-66.73	3.42	-13.0	53.73	284.00	Horizontal	Vertical	N/A
1612.600	-54.55	-3.75	-13.0	41.55	54.00	Horizontal	Vertical	Pass
2100.900	-51.88	0.05	-13.0	38.88	48.00	Horizontal	Vertical	Pass
3236.750	-49.11	6.51	-13.0	36.11	283.00	Horizontal	Vertical	Pass
5112.500	-42.73	12.22	-13.0	29.73	333.00	Horizontal	Vertical	Pass
8854.000	-36.26	20.31	-13.0	23.26	361.00	Horizontal	Vertical	Pass

Band:LTE B17 Channel:LOW range

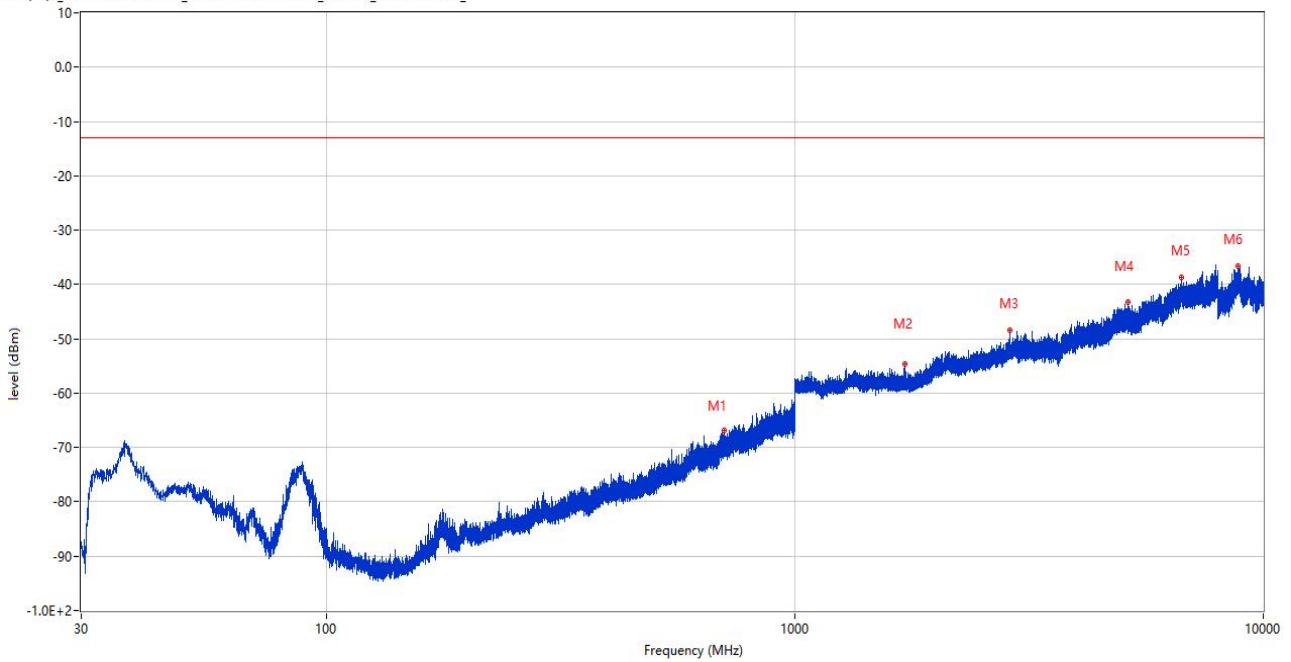
RSE (RF) _FCC PART22&24&27_LTE B12 & B17 & B28 _699-748_30MHz-10GHz_



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
702.744	-66.44	3.27	-13.0	53.44	352.00	Vertical	Vertical	N/A
2105.400	-51.11	0.17	-13.0	38.11	357.00	Vertical	Vertical	Pass
3142.500	-47.38	6.24	-13.0	34.38	268.00	Vertical	Vertical	Pass
4434.500	-44.46	10.38	-13.0	31.46	219.00	Vertical	Vertical	Pass
6688.500	-38.44	17.04	-13.0	25.44	235.00	Vertical	Vertical	Pass
8880.600	-36.57	19.99	-13.0	23.57	360.00	Vertical	Vertical	Pass

Band:LTE B17 Channel:LOW range

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

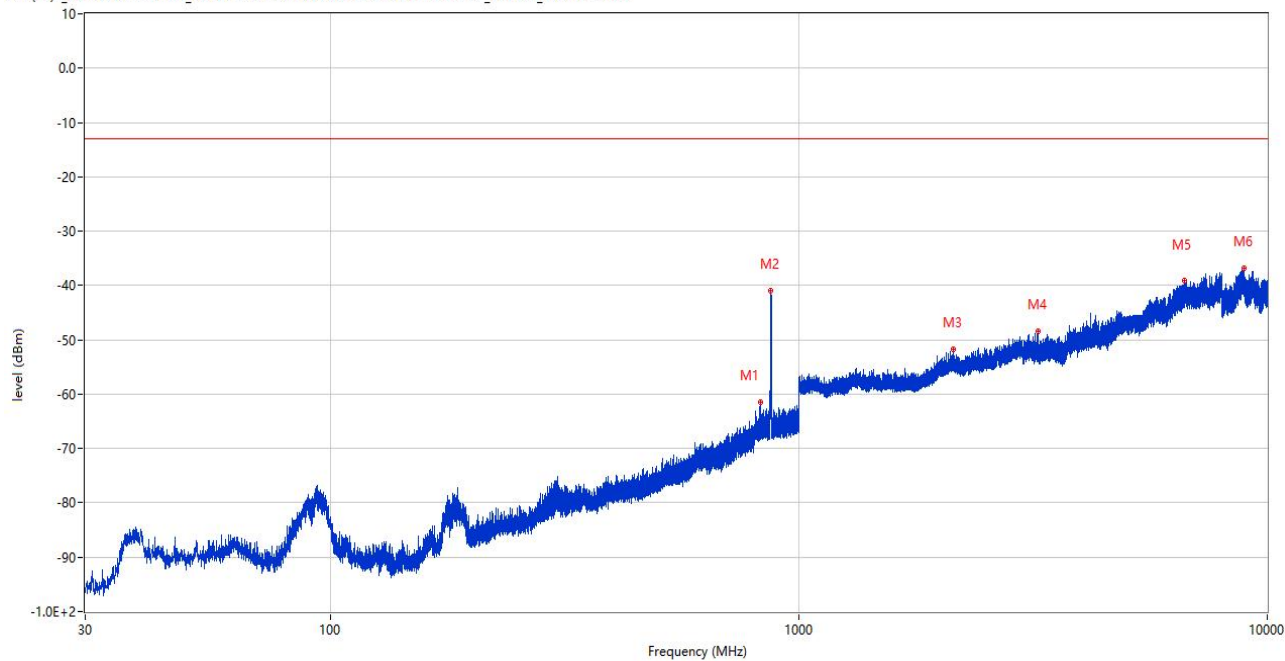


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
706.575	-66.80	3.35	-13.0	53.80	194.00	Vertical	Horizontal	N/A
1717.300	-54.60	-3.49	-13.0	41.60	233.00	Vertical	Horizontal	Pass
2877.800	-48.51	4.06	-13.0	35.51	34.00	Vertical	Horizontal	Pass
5150.250	-43.26	12.17	-13.0	30.26	152.00	Vertical	Horizontal	Pass
6677.500	-38.71	16.80	-13.0	25.71	-1.00	Vertical	Horizontal	Pass
8850.500	-36.69	20.35	-13.0	23.69	217.00	Vertical	Horizontal	Pass

4.7 LTE Band 26 (Part 22)

Band:LTE B26 Channel:LOW range

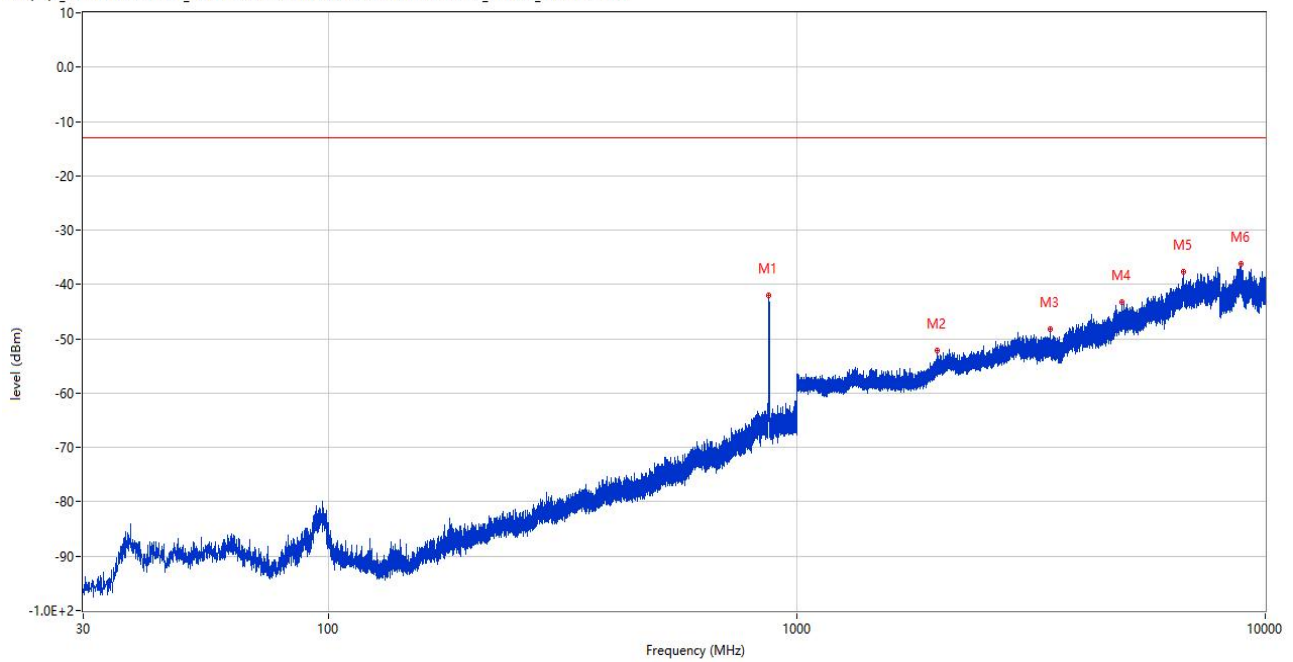
RSE (RF) _FCC PART22&24&27_CDMA BC0 & WCDMA Band5 & LTE Band 5 & 26 _814-849_30MHz-10GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
828.649	-61.54	6.99	-13.0	48.54	246.00	Horizontal	Horizontal	N/A
871.815	-40.98	6.42	-13.0	27.98	133.00	Horizontal	Horizontal	N/A
2134.900	-51.75	-0.32	-13.0	38.75	196.00	Horizontal	Horizontal	Pass
3248.250	-48.36	6.46	-13.0	35.36	3.00	Horizontal	Horizontal	Pass
6661.000	-39.16	16.28	-13.0	26.16	334.00	Horizontal	Horizontal	Pass
8920.600	-36.83	19.62	-13.0	23.83	288.00	Horizontal	Horizontal	Pass

Band:LTE B26 Channel:LOW range

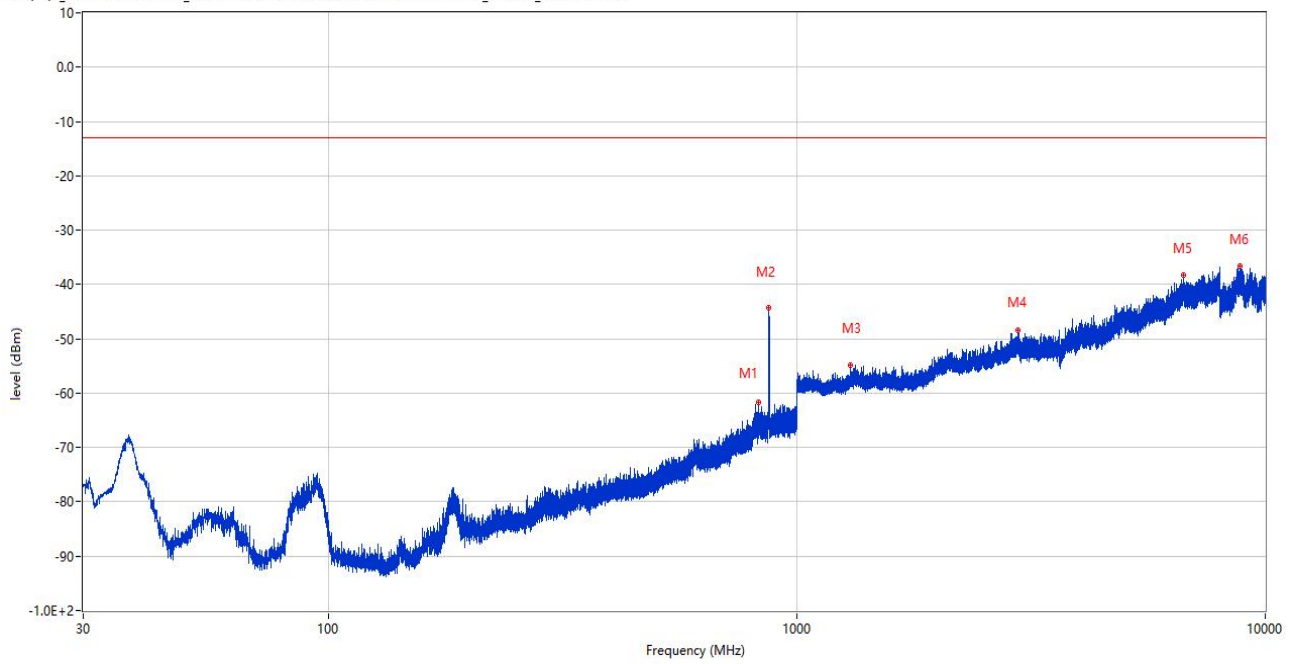
RSE (RF) _FCC PART22&24&27_CDMA BC0 & WCDMA Band5 & LTE Band 5 & 26 _814-849_30MHz-10GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
870.990	-42.09	6.41	-13.0	29.09	20.00	Horizontal	Vertical	N/A
1989.900	-52.23	-0.84	-13.0	39.23	306.00	Horizontal	Vertical	Pass
3476.000	-48.19	7.76	-13.0	35.19	315.00	Horizontal	Vertical	Pass
4947.250	-43.34	12.85	-13.0	30.34	199.00	Horizontal	Vertical	Pass
6686.750	-37.70	17.06	-13.0	24.70	1.00	Horizontal	Vertical	Pass
8888.001	-36.14	19.90	-13.0	23.14	40.00	Horizontal	Vertical	Pass

Band:LTE B26 Channel:LOW range

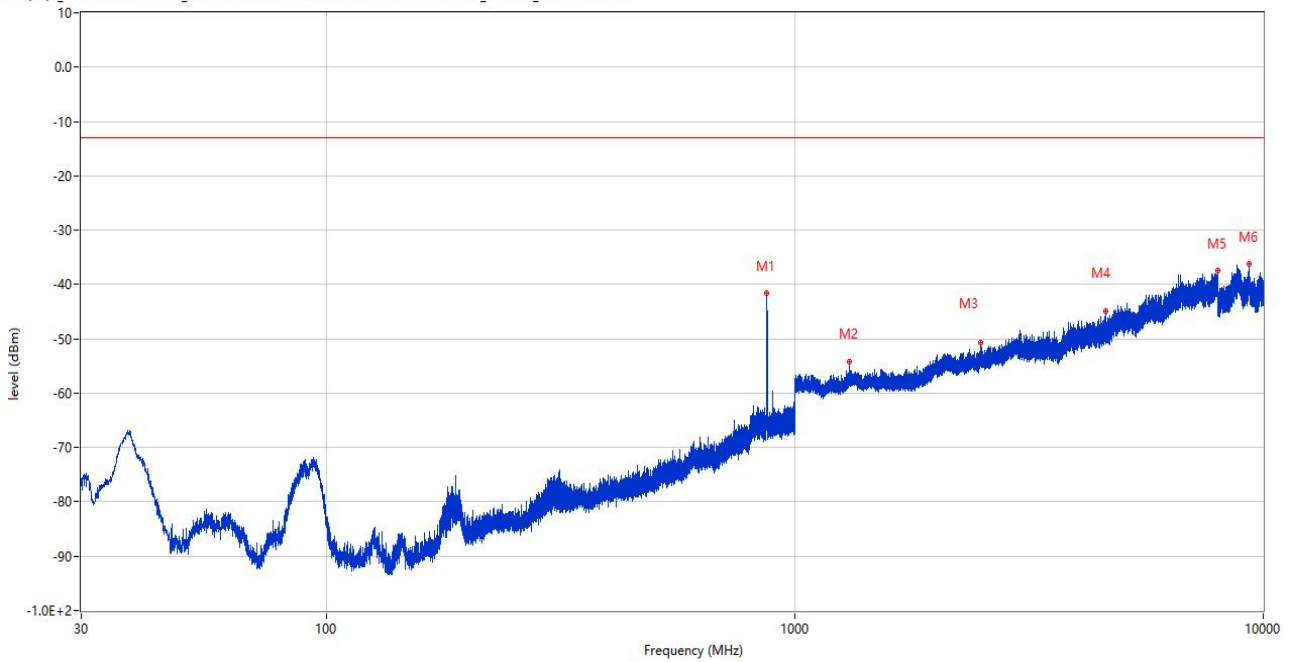
RSE (RF) _FCC PART22&24&27_CDMA BC0 & WCDMA Band5 & LTE Band 5 & 26 _814-849_30MHz-10GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
828.649	-61.61	6.99	-13.0	48.61	184.00	Vertical	Vertical	N/A
872.881	-44.33	6.43	-13.0	31.33	91.00	Vertical	Vertical	N/A
1300.900	-54.89	-2.83	-13.0	41.89	26.00	Vertical	Vertical	Pass
2973.000	-48.33	4.53	-13.0	35.33	352.00	Vertical	Vertical	Pass
6695.500	-38.33	16.91	-13.0	25.33	360.00	Vertical	Vertical	Pass
8853.900	-36.69	20.31	-13.0	23.69	291.00	Vertical	Vertical	Pass

Band:LTE B26 Channel:LOW range

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

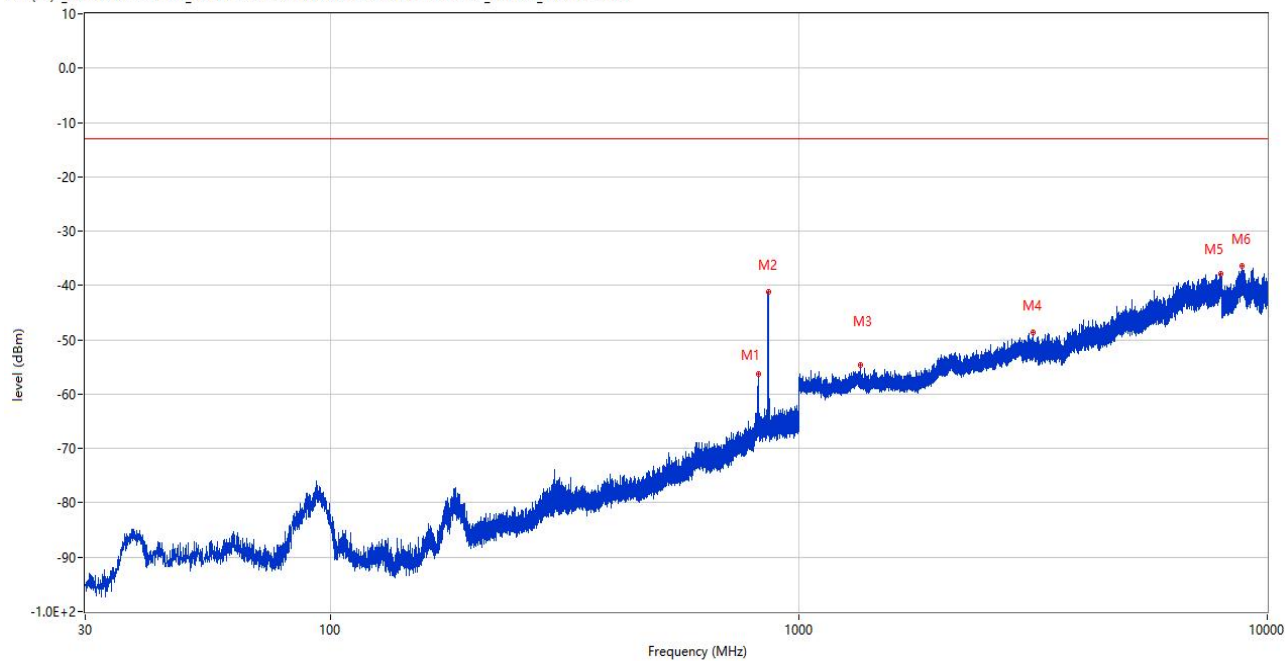


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
870.844	-41.55	6.40	-13.0	28.55	81.00	Vertical	Horizontal	N/A
1306.500	-54.12	-2.82	-13.0	41.12	351.00	Vertical	Horizontal	Pass
2490.300	-50.66	2.04	-13.0	37.66	51.00	Vertical	Horizontal	Pass
4607.250	-44.83	10.19	-13.0	31.83	136.00	Vertical	Horizontal	Pass
8000.000	-37.40	19.04	-13.0	24.40	3.00	Vertical	Horizontal	Pass
9324.401	-36.21	19.47	-13.0	23.21	198.00	Vertical	Horizontal	Pass

4.8 LTE Band 26 (Part 90)

Band:LTE B26 Channel:LOW range

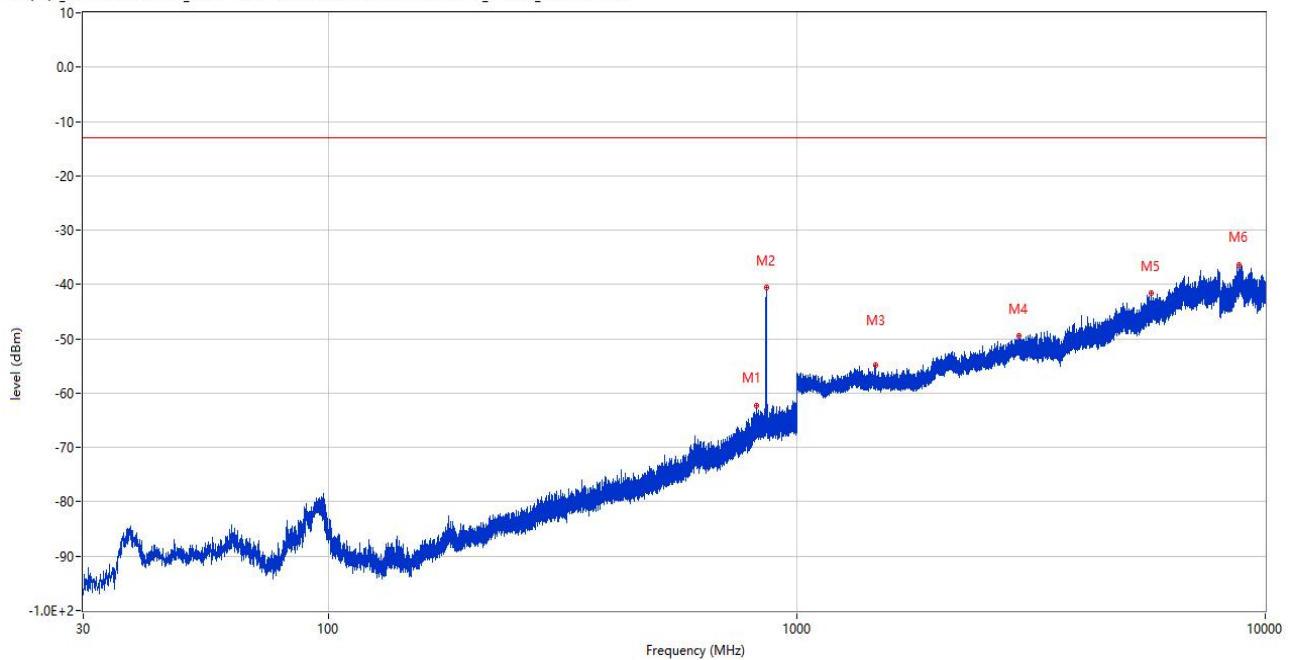
RSE (RF) _FCC PART22&24&27_CDMA BC0 & WCDMA Band5 & LTE Band 5 & 26 _814-849_30MHz-10GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
818.658	-56.39	6.82	-13.0	43.39	233.00	Horizontal	Horizontal	N/A
860.951	-41.14	6.26	-13.0	28.14	21.00	Horizontal	Horizontal	N/A
1351.300	-54.61	-2.79	-13.0	41.61	301.00	Horizontal	Horizontal	Pass
3163.500	-48.68	6.15	-13.0	35.68	234.00	Horizontal	Horizontal	Pass
7946.500	-37.86	18.80	-13.0	24.86	70.00	Horizontal	Horizontal	Pass
8854.400	-36.37	20.31	-13.0	23.37	198.00	Horizontal	Horizontal	Pass

Band:LTE B26 Channel:LOW range

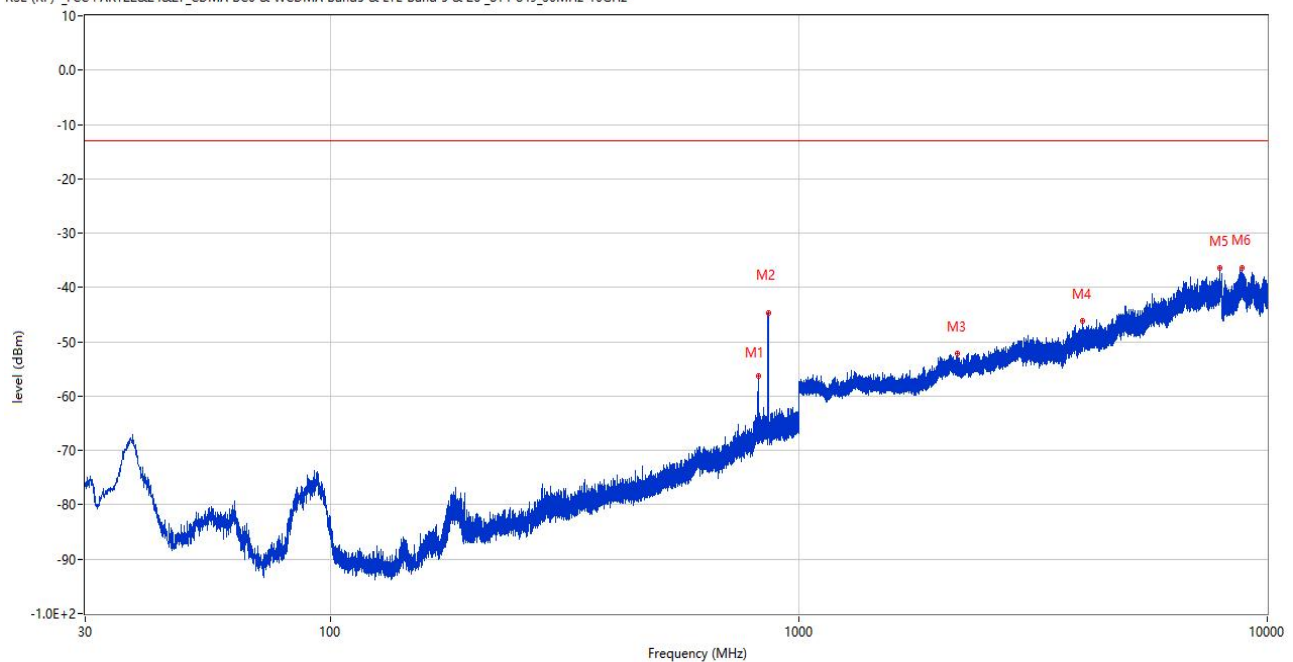
RSE (RF) _FCC PART22&24&27_CDMA BC0 & WCDMA Band5 & LTE Band 5 & 26 _814-849_30MHz-10GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
818.707	-62.37	6.82	-13.0	49.37	344.00	Horizontal	Vertical	N/A
860.999	-40.53	6.27	-13.0	27.53	25.00	Horizontal	Vertical	N/A
1474.900	-54.77	-3.16	-13.0	41.77	291.00	Horizontal	Vertical	Pass
2985.100	-49.42	4.87	-13.0	36.42	63.00	Horizontal	Vertical	Pass
5701.000	-41.64	13.24	-13.0	28.64	333.00	Horizontal	Vertical	Pass
8797.300	-36.32	19.50	-13.0	23.32	87.00	Horizontal	Vertical	Pass

Band:LTE B26 Channel:LOW range

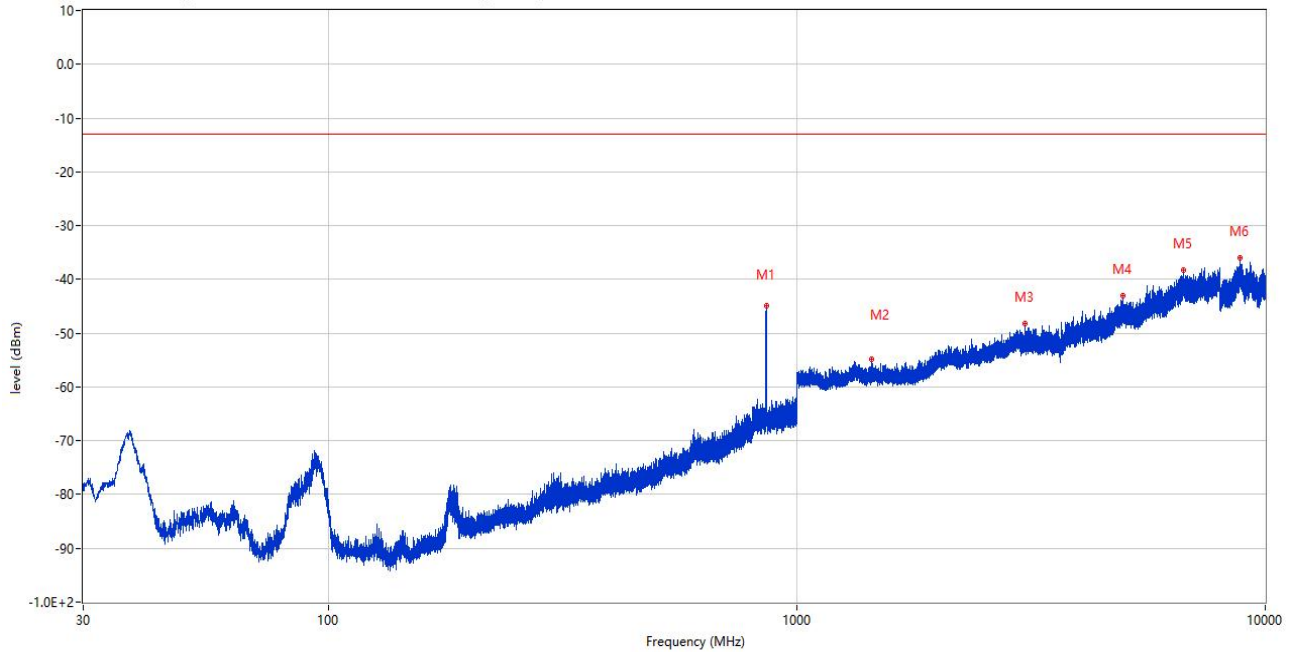
RSE (RF) _FCC PART22&24&27_CDMA BC0 & WCDMA Band5 & LTE Band 5 & 26 _814-849_30MHz-10GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
818.658	-56.30	6.82	-13.0	43.30	196.00	Vertical	Vertical	N/A
862.745	-44.76	6.25	-13.0	31.76	89.00	Vertical	Vertical	N/A
2177.300	-52.08	-0.14	-13.0	39.08	0.00	Vertical	Vertical	Pass
4031.750	-46.19	9.50	-13.0	33.19	1.00	Vertical	Vertical	Pass
7917.750	-36.38	18.18	-13.0	23.38	1.00	Vertical	Vertical	Pass
8818.000	-36.32	19.84	-13.0	23.32	332.00	Vertical	Vertical	Pass

Band:LTE B26 Channel:LOW range

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

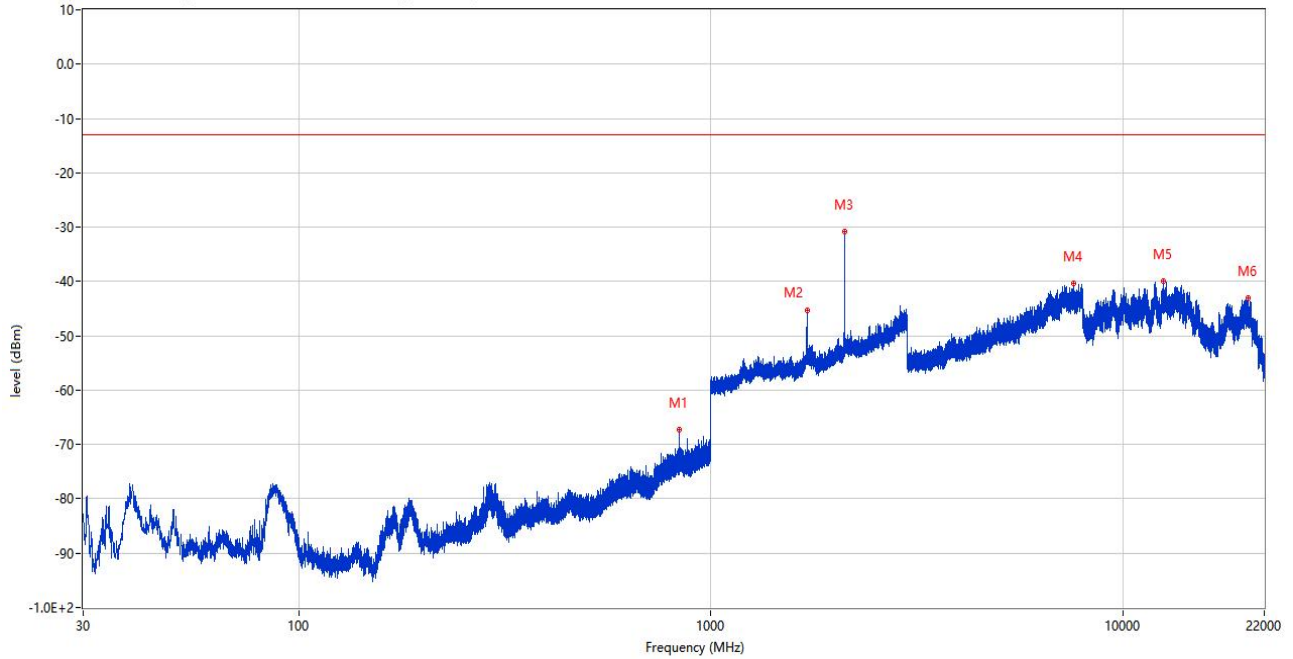


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
861.872	-44.80	6.26	-13.0	31.80	82.00	Vertical	Horizontal	N/A
1446.700	-54.75	-3.11	-13.0	41.75	321.00	Vertical	Horizontal	Pass
3071.000	-48.18	5.96	-13.0	35.18	3.00	Vertical	Horizontal	Pass
4960.250	-43.09	13.03	-13.0	30.09	86.00	Vertical	Horizontal	Pass
6676.500	-38.26	16.78	-13.0	25.26	4.00	Vertical	Horizontal	Pass
8842.500	-35.93	20.24	-13.0	22.93	188.00	Vertical	Horizontal	Pass

4.9 LTE Band 66

Band:LTE B66 Channel:LOW range

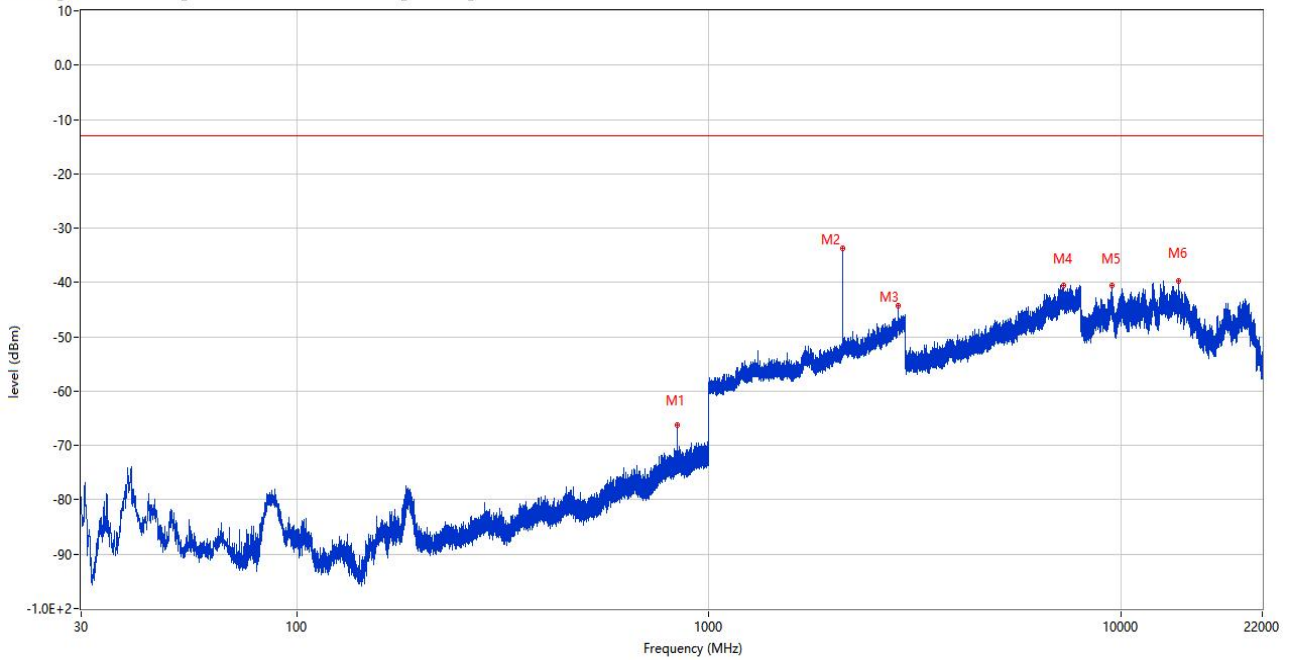
RSE (RF) _FCC PART22&24&27_WCDMA Band 4 & LTE Band 4 & 66 _1710-1785_30MHz-20GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
839.998	-67.21	-0.14	-13.0	54.21	330.00	Horizontal	Horizontal	Pass
1711.100	-45.37	1.38	-13.0	32.37	361.00	Horizontal	Horizontal	N/A
2113.500	-30.90	2.85	-13.0	17.90	200.00	Horizontal	Horizontal	N/A
7579.000	-40.27	14.44	-13.0	27.27	260.00	Horizontal	Horizontal	Pass
12503.474	-39.89	14.54	-13.0	26.89	295.00	Horizontal	Horizontal	Pass
20079.700	-43.00	12.74	-13.0	30.00	0.00	Horizontal	Horizontal	Pass

Band:LTE B66 Channel:LOW range

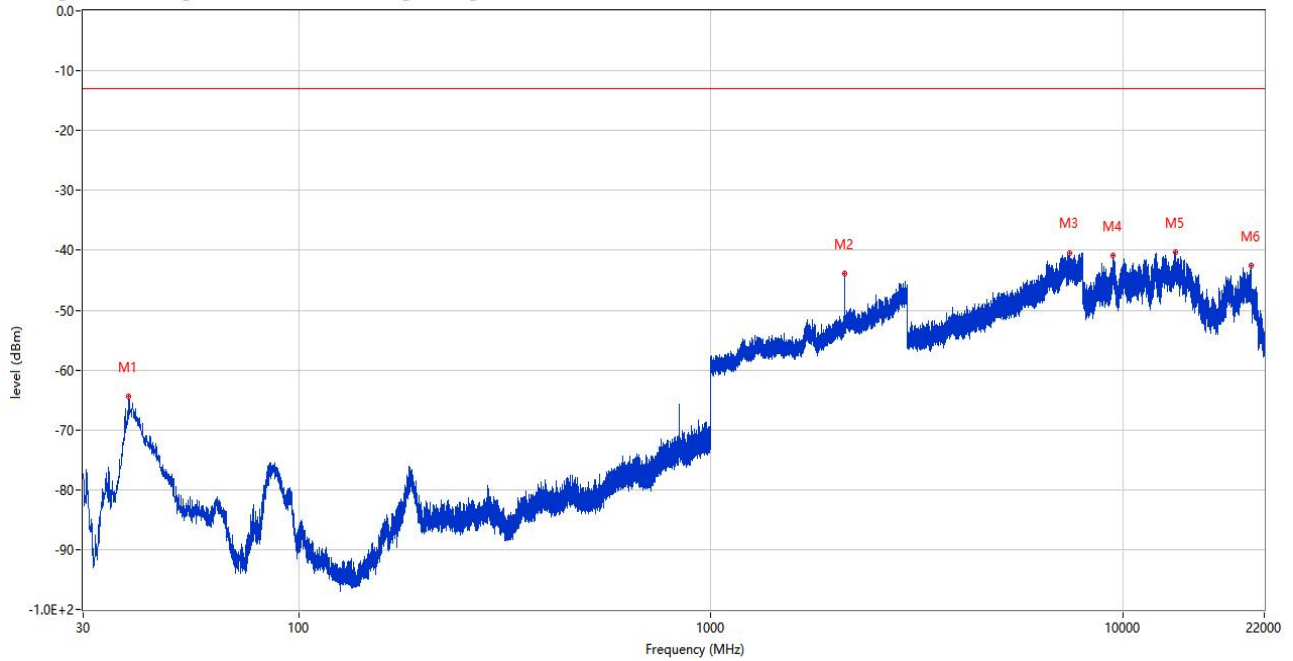
RSE (RF) _FCC PART22&24&27_WCDMA Band 4 & LTE Band 4 & 66_1710-1785_30MHz-20GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
839.998	-66.21	-0.14	-13.0	53.21	57.00	Horizontal	Vertical	Pass
2113.400	-33.67	2.84	-13.0	20.67	234.00	Horizontal	Vertical	N/A
2879.600	-44.25	8.83	-13.0	31.25	0.00	Horizontal	Vertical	Pass
7234.500	-40.47	14.41	-13.0	27.47	79.00	Horizontal	Vertical	Pass
9482.474	-40.64	13.09	-13.0	27.64	147.00	Horizontal	Vertical	Pass
13800.337	-39.62	17.02	-13.0	26.62	360.00	Horizontal	Vertical	Pass

Band:LTE B66 Channel:LOW range

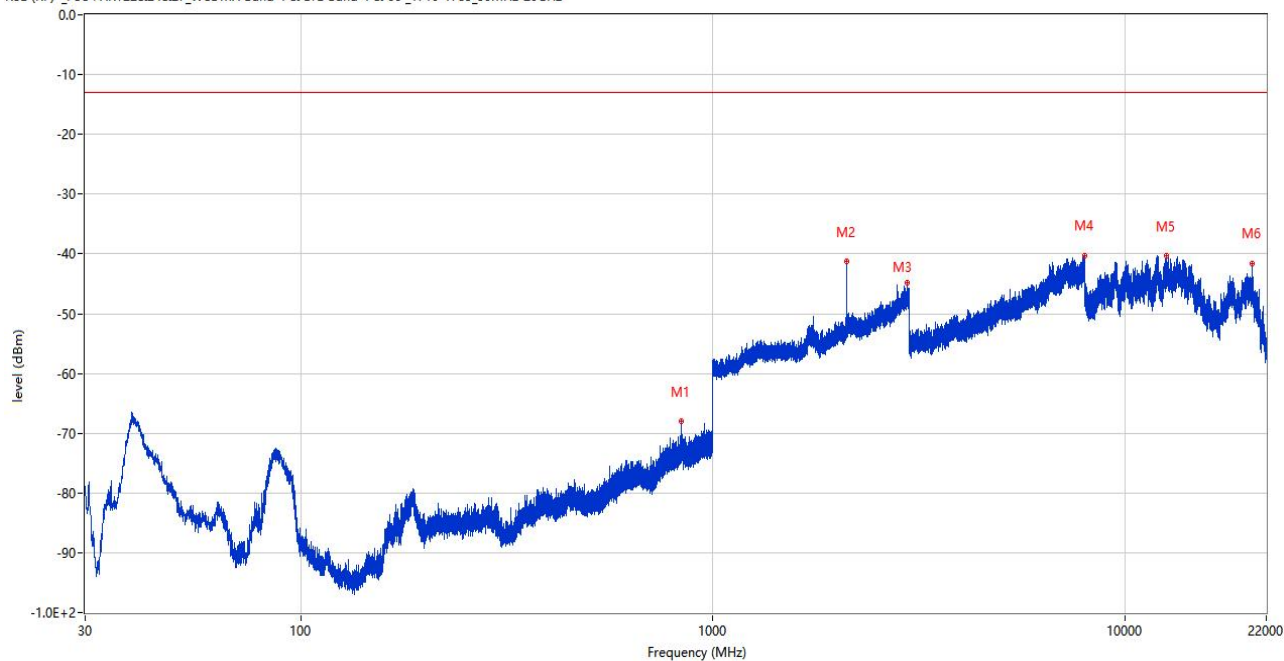
RSE (RF) _FCC PART22&24&27_WCDMA Band 4 & LTE Band 4 & 66_1710-1785_30MHz-20GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
38.633	-64.45	-20.01	-13.0	51.45	12.00	Vertical	Vertical	Pass
2113.400	-43.97	2.84	-13.0	30.97	107.00	Vertical	Vertical	N/A
7412.250	-40.48	14.08	-13.0	27.48	360.00	Vertical	Vertical	Pass
9456.825	-40.89	13.64	-13.0	27.89	3.00	Vertical	Vertical	Pass
13371.138	-40.35	16.73	-13.0	27.35	0.00	Vertical	Vertical	Pass
20400.212	-42.61	12.81	-13.0	29.61	0.00	Vertical	Vertical	Pass

Band:LTE B66 Channel:LOW range

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

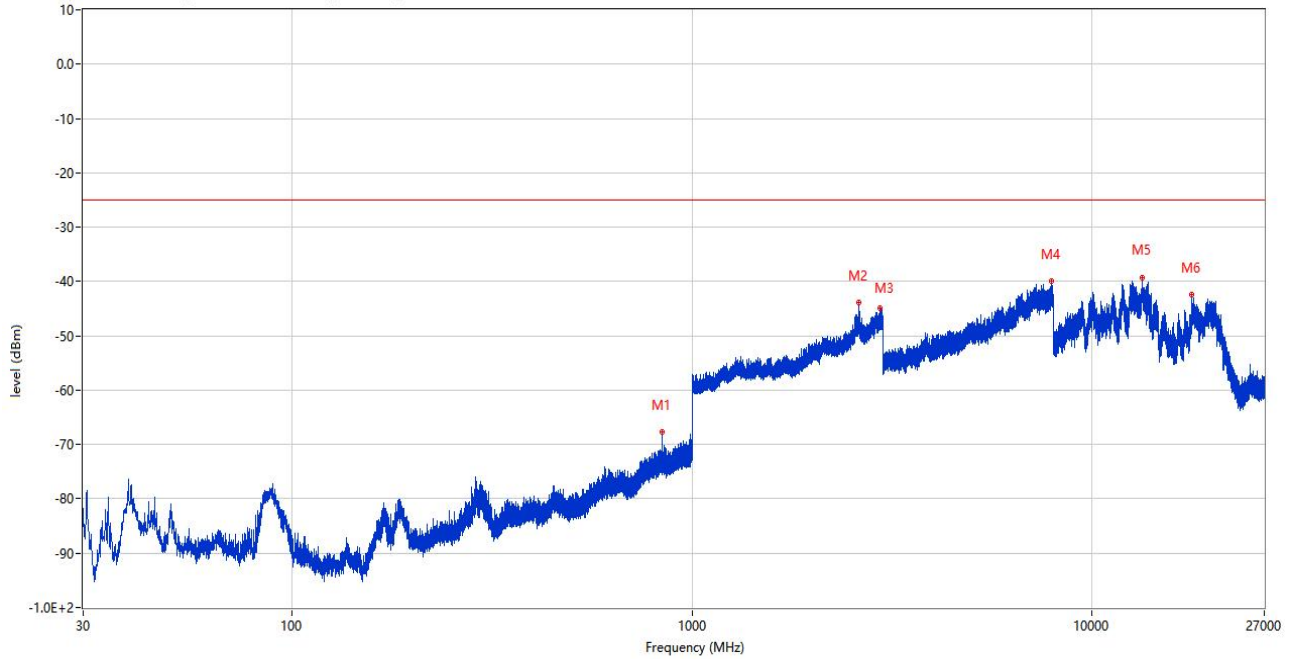


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
839.950	-68.00	-0.14	-13.0	55.00	192.00	Vertical	Horizontal	Pass
2114.500	-41.33	2.93	-13.0	28.33	108.00	Vertical	Horizontal	N/A
2962.400	-44.78	9.83	-13.0	31.78	0.00	Vertical	Horizontal	Pass
7957.500	-40.24	15.03	-13.0	27.24	308.00	Vertical	Horizontal	Pass
12595.151	-40.31	13.94	-13.0	27.31	306.00	Vertical	Horizontal	Pass
20377.551	-41.60	12.81	-13.0	28.60	360.00	Vertical	Horizontal	Pass

4.10 LTE Band 38

Band:LTE B38 Channel:MID range

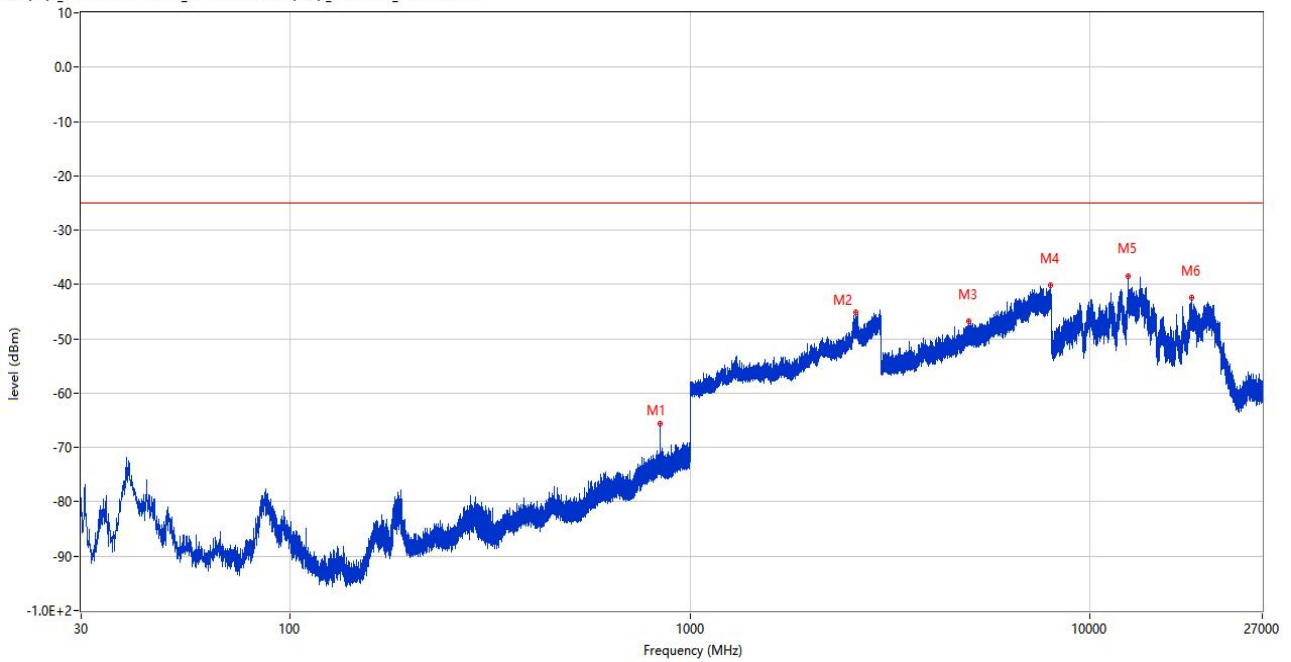
RSE (RF) _FCC PART22&24&27_LTE Band 38 & 41(mid) _2570-2620_30MHz-27GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
839.998	-67.74	-0.14	-25.0	42.74	57.00	Horizontal	Horizontal	Pass
2620.400	-43.88	8.43	-25.0	18.88	141.00	Horizontal	Horizontal	Pass
2951.600	-44.87	9.01	-25.0	19.87	360.00	Horizontal	Horizontal	Pass
7927.250	-39.88	14.86	-25.0	14.88	0.00	Horizontal	Horizontal	Pass
13382.625	-39.21	16.85	-25.0	14.21	304.00	Horizontal	Horizontal	Pass
17793.413	-42.49	12.79	-25.0	17.49	304.00	Horizontal	Horizontal	Pass

Band:LTE B38 Channel:MID range

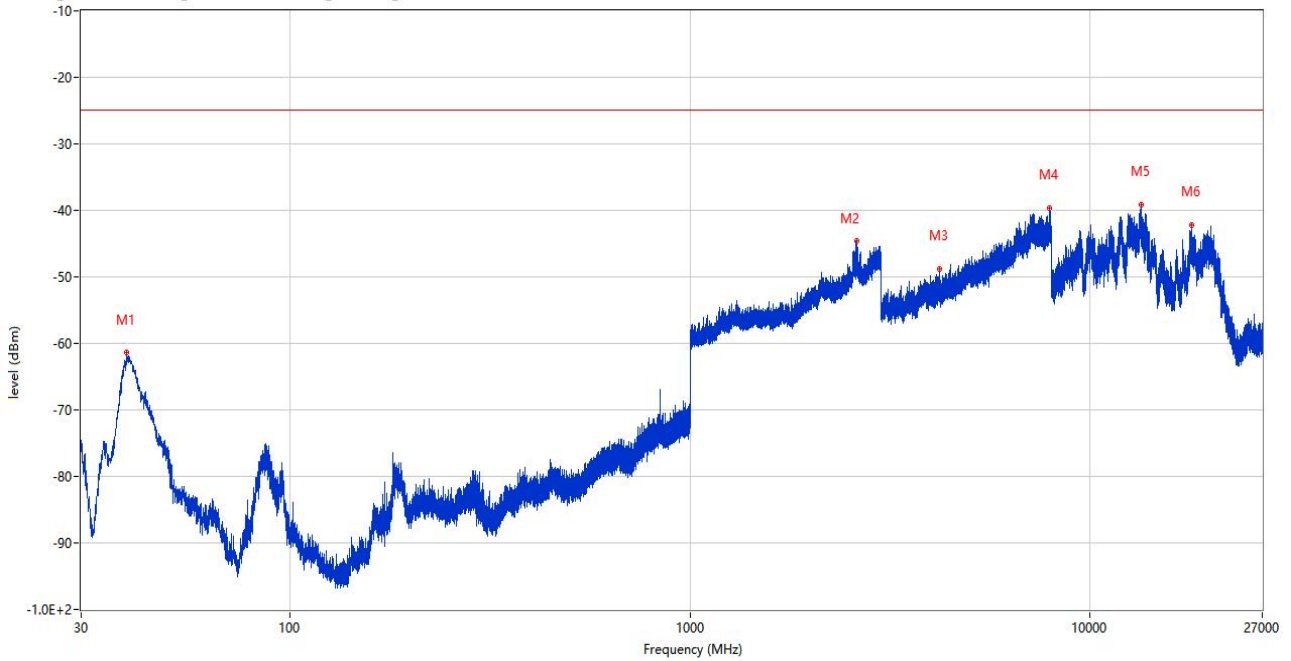
RSE (RF) _FCC PART22&24&27_LTE Band 38 & 41(mid) _2570-2620_30MHz-27GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
839.998	-65.54	-0.14	-25.0	40.54	190.00	Horizontal	Vertical	Pass
2599.900	-45.13	8.17	-25.0	20.13	34.00	Horizontal	Vertical	N/A
4988.500	-46.71	9.16	-25.0	21.71	154.00	Horizontal	Vertical	Pass
7961.750	-40.14	14.97	-25.0	15.14	347.00	Horizontal	Vertical	Pass
12499.200	-38.39	14.71	-25.0	13.39	208.00	Horizontal	Vertical	Pass
17939.886	-42.43	13.85	-25.0	17.43	152.00	Horizontal	Vertical	Pass

Band:LTE B38 Channel:MID range

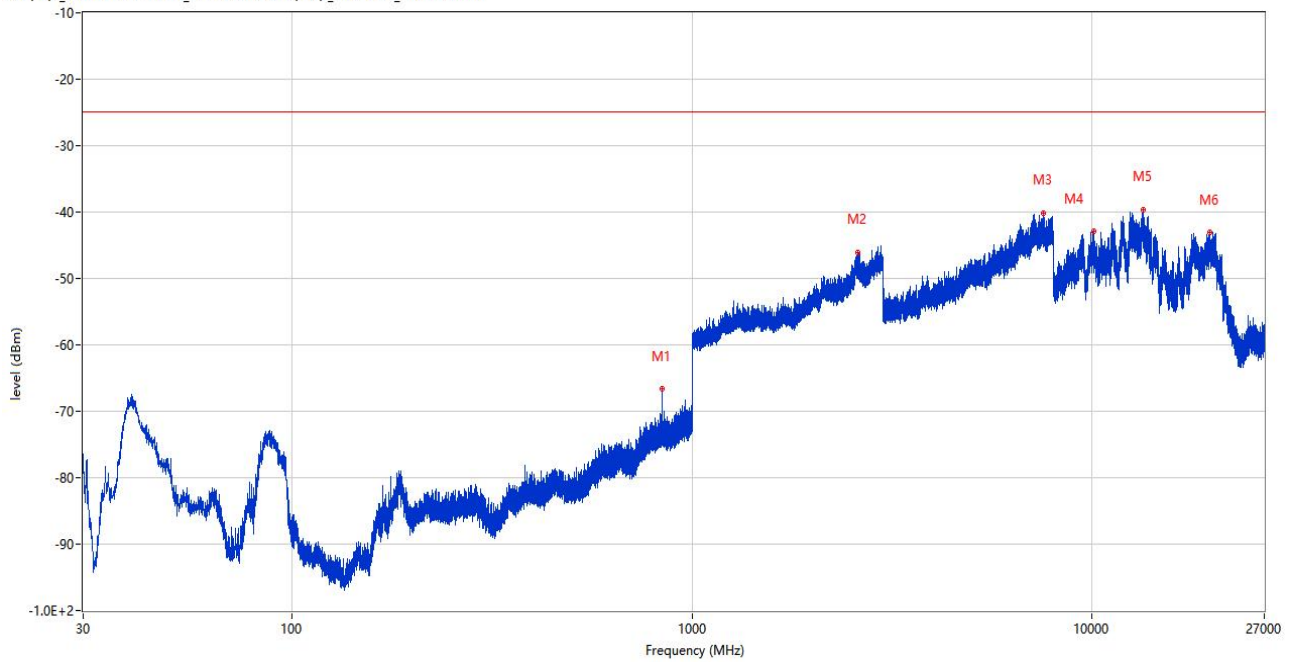
RSE (RF) _FCC PART22&24&27_LTE Band 38 & 41(mid) _2570-2620_30MHz-27GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
38.924	-61.44	-19.83	-25.0	36.44	35.00	Vertical	Vertical	Pass
2611.400	-44.51	8.32	-25.0	19.51	2.00	Vertical	Vertical	Pass
4208.500	-48.77	6.60	-25.0	23.77	293.00	Vertical	Vertical	Pass
7944.000	-39.64	15.05	-25.0	14.64	7.00	Vertical	Vertical	Pass
13408.349	-39.08	16.83	-25.0	14.08	14.00	Vertical	Vertical	Pass
17936.212	-42.19	13.76	-25.0	17.19	180.00	Vertical	Vertical	Pass

Band:LTE B38 Channel:MID range

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

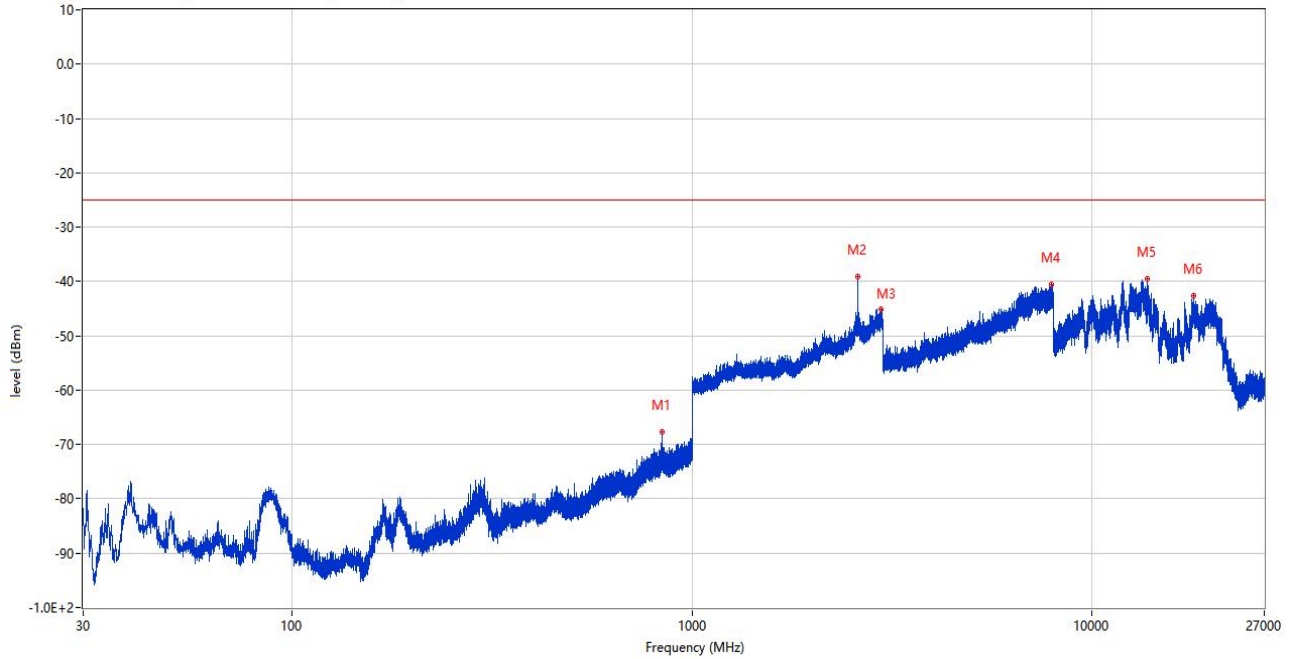


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
839.998	-66.62	-0.14	-25.0	41.62	253.00	Vertical	Horizontal	Pass
2597.800	-46.03	8.16	-25.0	21.03	210.00	Vertical	Horizontal	N/A
7581.500	-40.10	14.32	-25.0	15.10	0.00	Vertical	Horizontal	Pass
10092.137	-42.88	11.91	-25.0	17.88	261.00	Vertical	Horizontal	Pass
13425.412	-39.63	16.45	-25.0	14.63	0.00	Vertical	Horizontal	Pass
19693.349	-43.09	12.94	-25.0	18.09	349.00	Vertical	Horizontal	Pass

4.11 LTE Band 41

Band:LTE B41 Channel:MID range

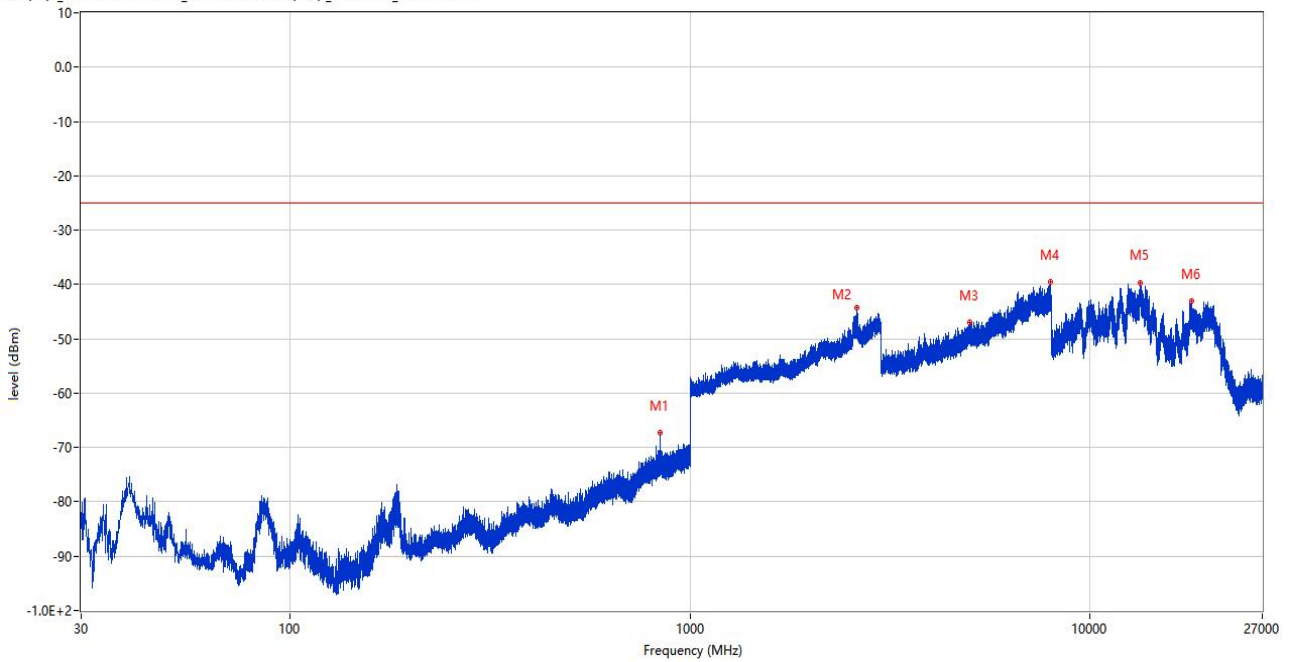
RSE (RF) _FCC PART22&24&27_LTE Band 38 & 41(mid)_2570-2620_30MHz-27GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
840.047	-67.67	-0.13	-25.0	42.67	80.00	Horizontal	Horizontal	Pass
2591.500	-39.16	8.12	-25.0	14.16	42.00	Horizontal	Horizontal	N/A
2971.400	-45.07	10.43	-25.0	20.07	73.00	Horizontal	Horizontal	Pass
7926.000	-40.53	14.86	-25.0	15.53	258.00	Horizontal	Horizontal	Pass
13782.938	-39.60	15.87	-25.0	14.60	358.00	Horizontal	Horizontal	Pass
17928.337	-42.69	13.57	-25.0	17.69	0.00	Horizontal	Horizontal	Pass

Band:LTE B41 Channel:MID range

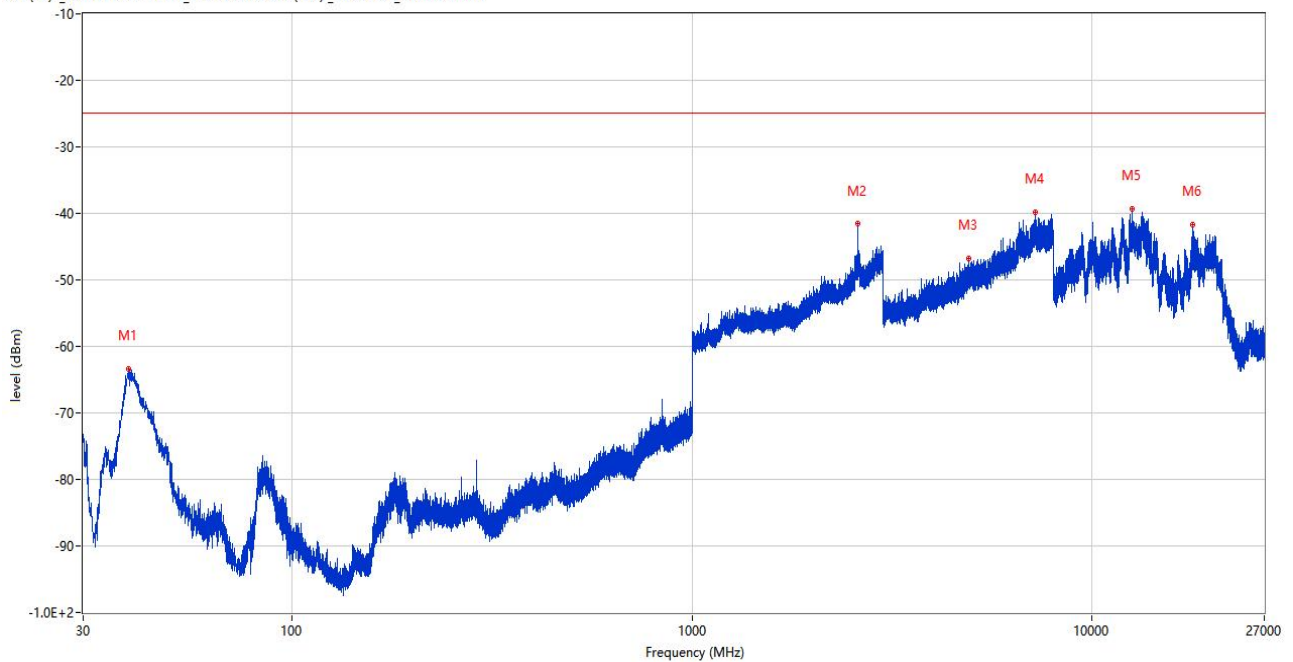
RSE (RF) _FCC PART22&24&27_LTE Band 38 & 41(mid) _2570-2620_30MHz-27GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
839.998	-67.28	-0.14	-25.0	42.28	359.00	Horizontal	Vertical	Pass
2611.900	-44.27	8.32	-25.0	19.27	309.00	Horizontal	Vertical	Pass
5020.000	-47.01	8.94	-25.0	22.01	14.00	Horizontal	Vertical	Pass
7951.000	-39.44	15.05	-25.0	14.44	0.00	Horizontal	Vertical	Pass
13390.238	-39.62	16.92	-25.0	14.62	160.00	Horizontal	Vertical	Pass
17995.012	-42.96	12.97	-25.0	17.96	209.00	Horizontal	Vertical	Pass

Band:LTE B41 Channel:MID range

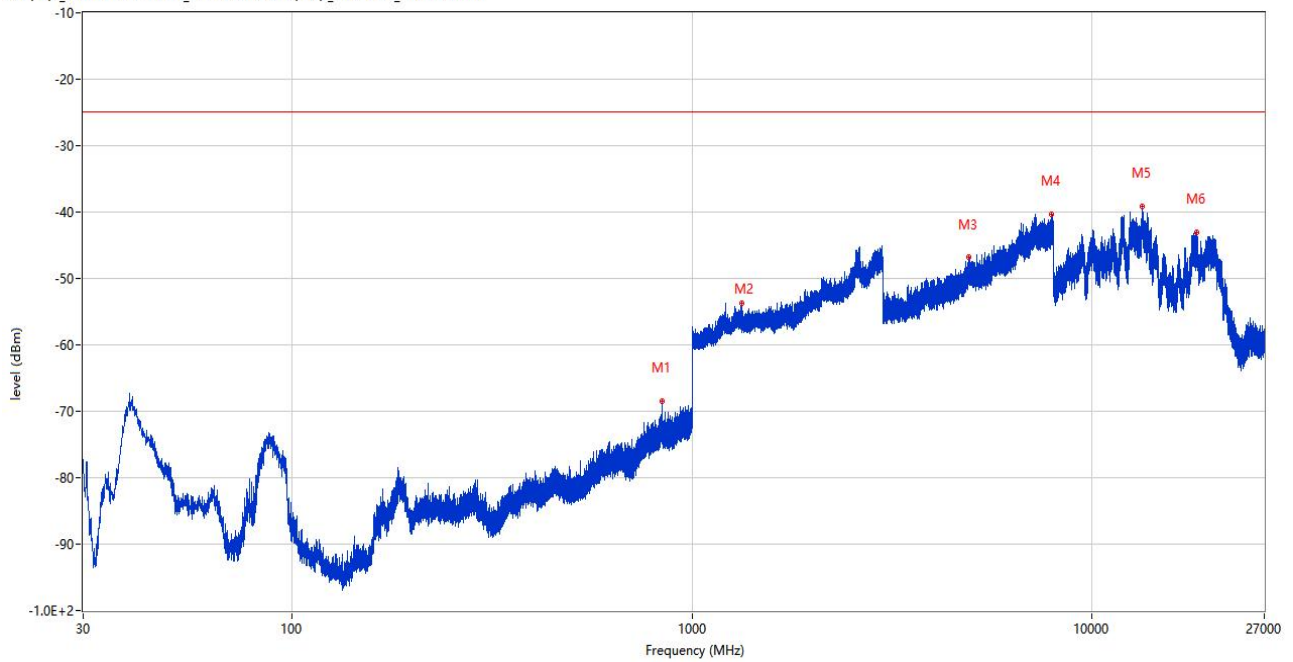
RSE (RF) _FCC PART22&24&27_LTE Band 38 & 41(mid) _2570-2620_30MHz-27GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
39.069	-63.32	-19.76	-25.0	38.32	190.00	Vertical	Vertical	Pass
2595.600	-41.60	8.15	-25.0	16.60	48.00	Vertical	Vertical	N/A
4925.000	-46.78	8.78	-25.0	21.78	355.00	Vertical	Vertical	Pass
7230.000	-39.77	14.34	-25.0	14.77	72.00	Vertical	Vertical	Pass
12620.800	-39.26	14.22	-25.0	14.26	87.00	Vertical	Vertical	Pass
17926.500	-41.62	13.53	-25.0	16.62	0.00	Vertical	Vertical	Pass

Band:LTE B41 Channel:MID range

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



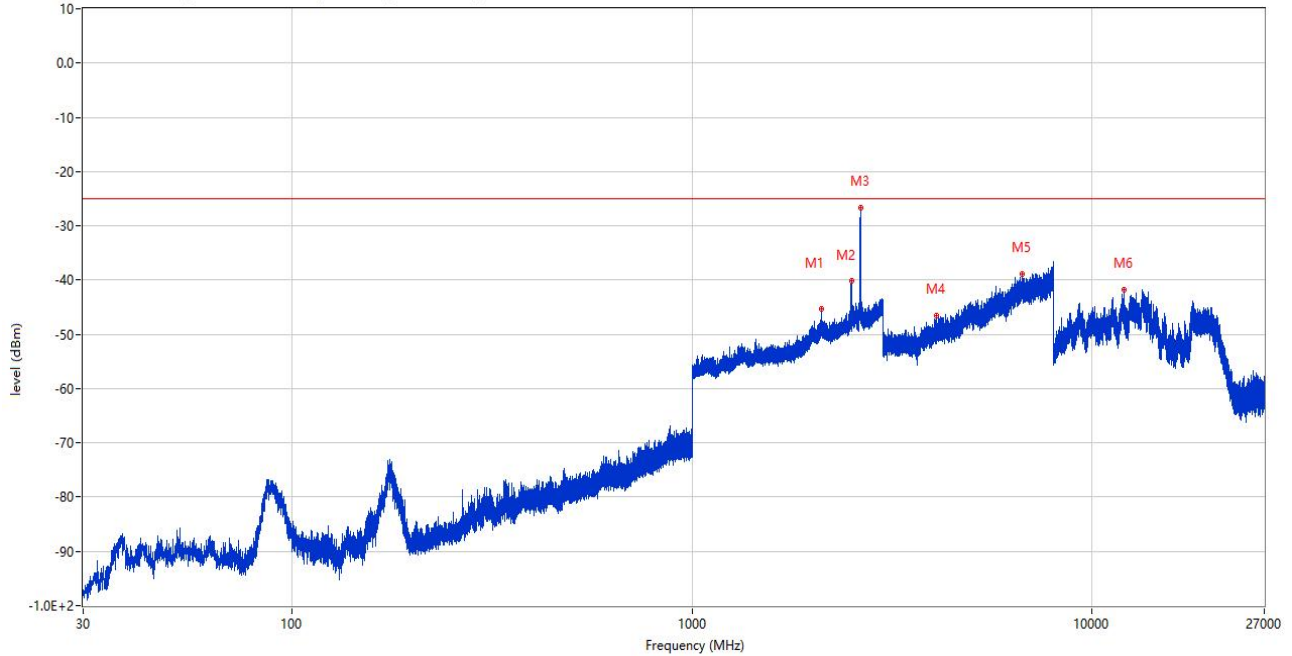
Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
839.998	-68.46	-0.14	-25.0	43.46	245.00	Vertical	Horizontal	Pass
1334.300	-53.70	-1.63	-25.0	28.70	247.00	Vertical	Horizontal	Pass
4933.250	-46.81	8.75	-25.0	21.81	341.00	Vertical	Horizontal	Pass
7941.750	-40.30	14.91	-25.0	15.30	350.00	Vertical	Horizontal	Pass
13391.813	-39.12	16.93	-25.0	14.12	210.00	Vertical	Horizontal	Pass
18270.900	-42.98	12.86	-25.0	17.98	361.00	Vertical	Horizontal	Pass

4.12 CA_7C

Band:CA_ C7,Channel:LOW

range ,BW:20M+10M

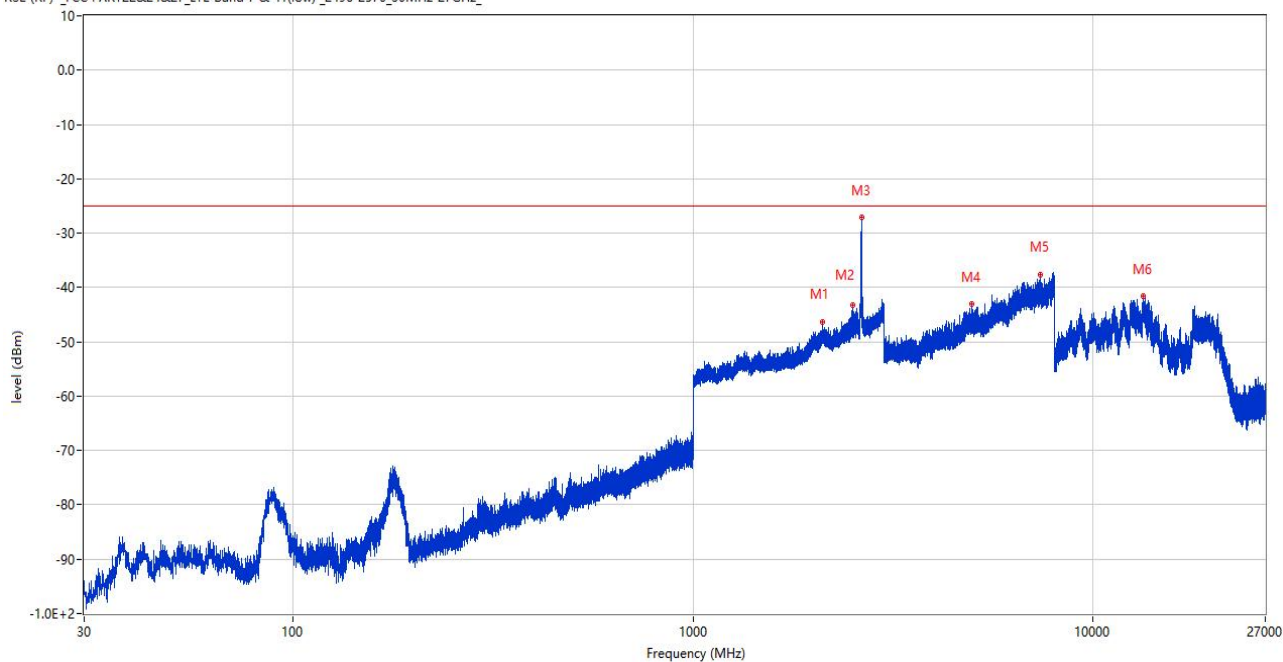
RSE (RF) _FCC PART22&24&27_LTE Band 7 & 41(low) _2496-2570_30MHz-27GHz_



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
2111.200	-45.33	5.84	-25.0	20.33	4.00	Horizontal	Horizontal	Pass
2501.900	-40.09	8.93	-25.0	15.09	90.00	Horizontal	Horizontal	N/A
2642.700	-26.73	8.54	-25.0	1.73	245.00	Horizontal	Horizontal	N/A
4084.500	-46.63	9.81	-25.0	21.63	288.00	Horizontal	Horizontal	Pass
6698.500	-38.90	16.90	-25.0	13.90	50.00	Horizontal	Horizontal	Pass
12014.224	-41.88	13.37	-25.0	16.88	230.00	Horizontal	Horizontal	Pass

Band:CA_ C7,Channel:LOW
range ,BW:20M+10M

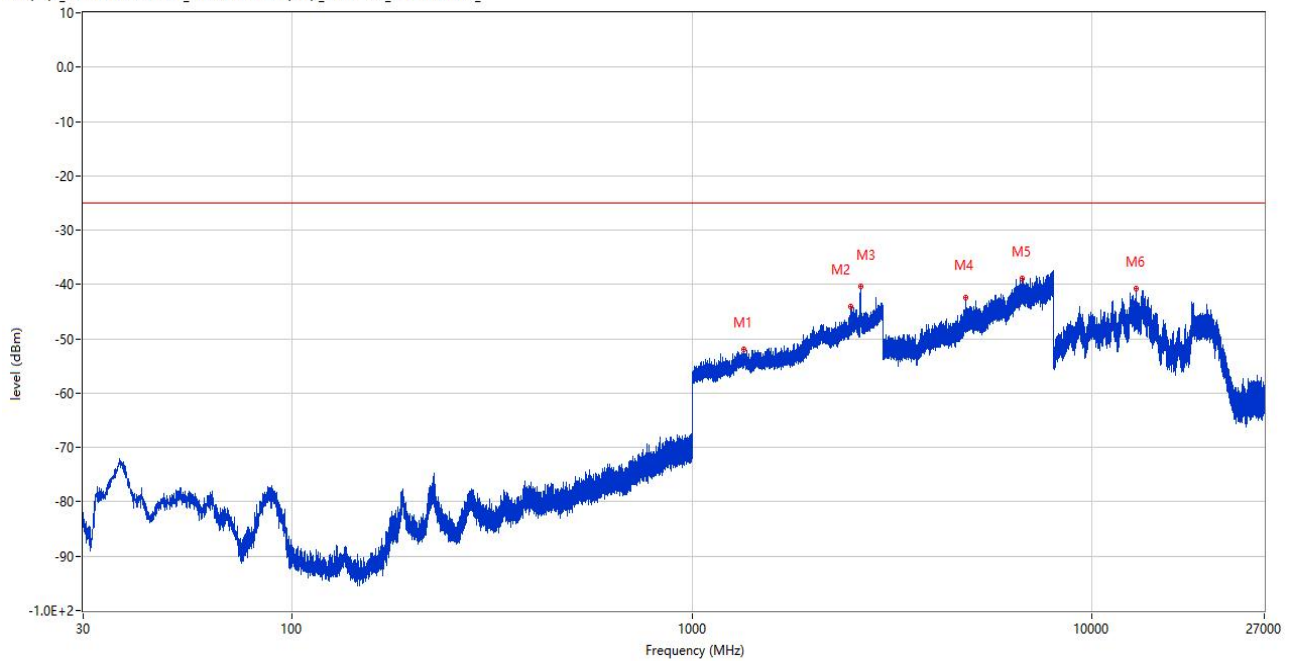
RSE (RF) _FCC PART22&24&27_LTE Band 7 & 41(low) _2496-2570_30MHz-27GHz_



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
2105.600	-46.37	5.88	-25.0	21.37	275.00	Horizontal	Vertical	Pass
2502.200	-43.29	8.93	-25.0	18.29	200.00	Horizontal	Vertical	N/A
2646.600	-27.16	8.62	-25.0	2.16	237.00	Horizontal	Vertical	N/A
4969.500	-42.98	13.54	-25.0	17.98	0.00	Horizontal	Vertical	Pass
7402.500	-37.72	17.85	-25.0	12.72	328.00	Horizontal	Vertical	Pass
13379.474	-41.54	16.82	-25.0	16.54	135.00	Horizontal	Vertical	Pass

Band:CA_ C7,Channel:LOW
range ,BW:20M+10M

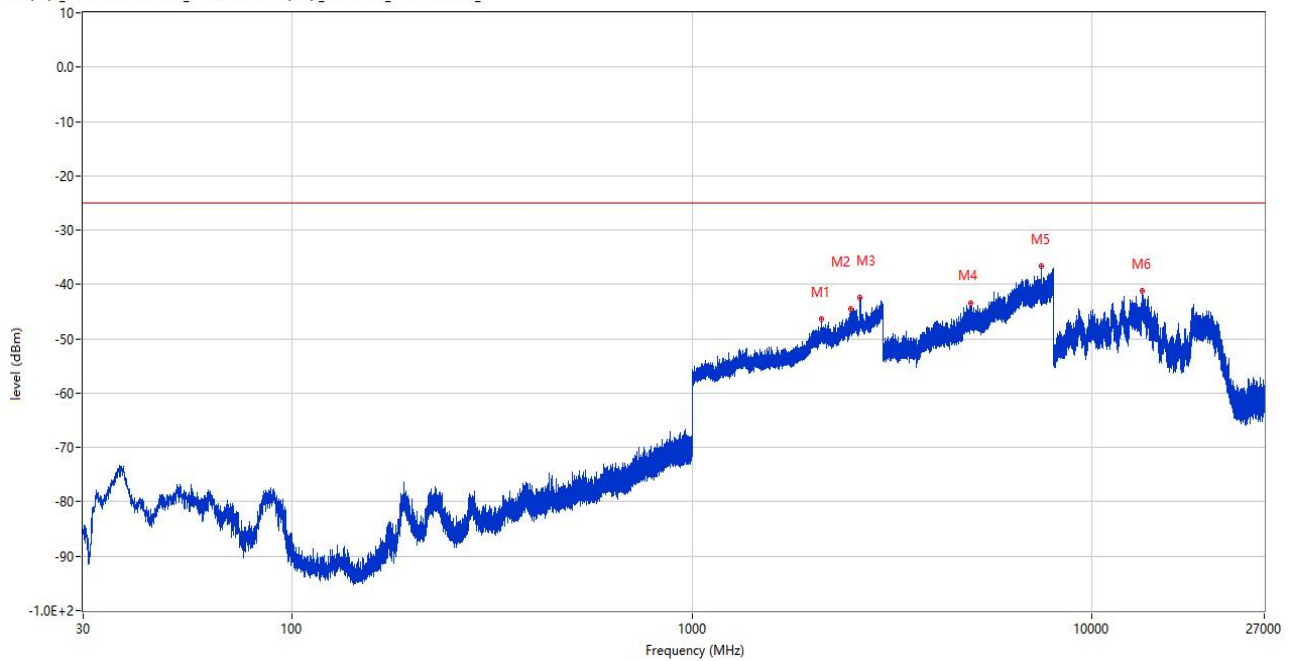
RSE (RF) _FCC PART22&24&27_LTE Band 7 & 41(low) _2496-2570_30MHz-27GHz_



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
1347.800	-52.00	0.78	-25.0	27.00	196.00	Vertical	Vertical	Pass
2501.000	-43.97	8.93	-25.0	18.97	129.00	Vertical	Vertical	N/A
2642.900	-40.39	8.53	-25.0	15.39	24.00	Vertical	Vertical	N/A
4839.000	-42.42	12.41	-25.0	17.42	268.00	Vertical	Vertical	Pass
6695.250	-38.91	16.92	-25.0	13.91	105.00	Vertical	Vertical	Pass
12900.412	-40.76	15.47	-25.0	15.76	361.00	Vertical	Vertical	Pass

Band:CA_ C7,Channel:LOW
range ,BW:20M+10M

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



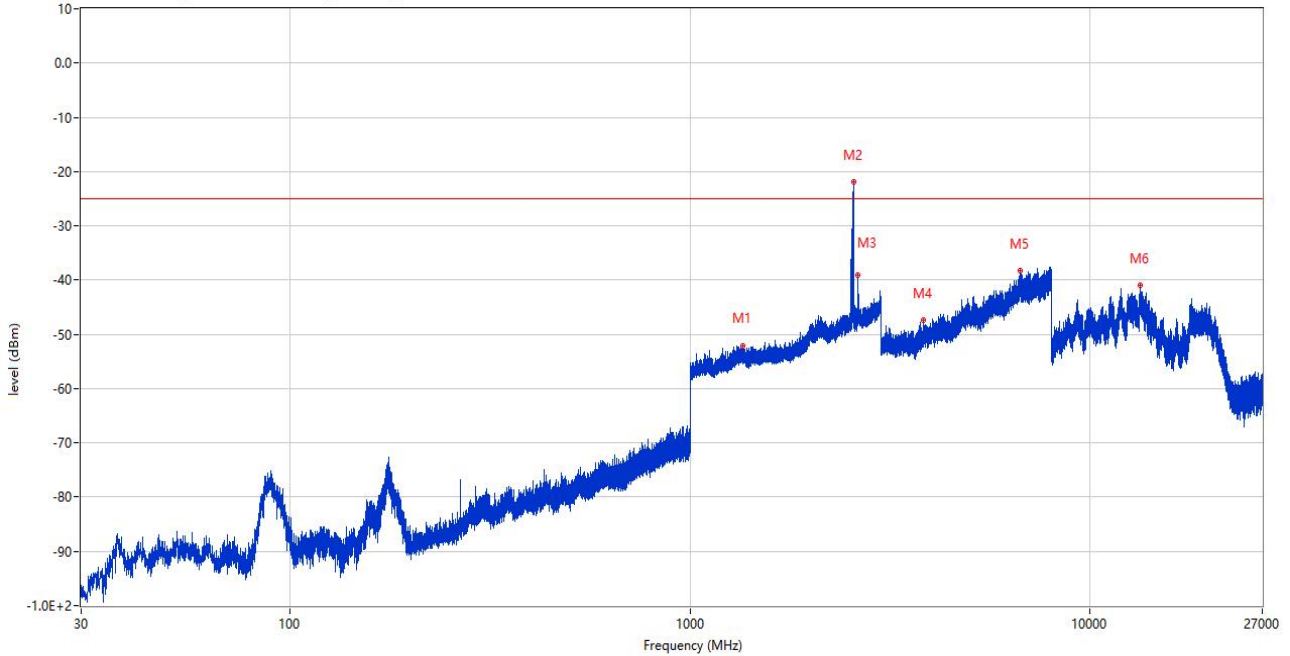
Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
2104.400	-46.30	5.69	-25.0	21.30	76.00	Vertical	Horizontal	Pass
2500.900	-44.58	8.93	-25.0	19.58	151.00	Vertical	Horizontal	N/A
2631.600	-42.48	8.04	-25.0	17.48	14.00	Vertical	Horizontal	N/A
4969.250	-43.51	13.57	-25.0	18.51	170.00	Vertical	Horizontal	Pass
7489.000	-36.60	16.85	-25.0	11.60	73.00	Vertical	Horizontal	Pass
13386.563	-41.21	16.88	-25.0	16.21	41.00	Vertical	Horizontal	Pass

4.13 CA_38C

Band:CA_ C38,Channel:LOW

range ,BW:15M+15M

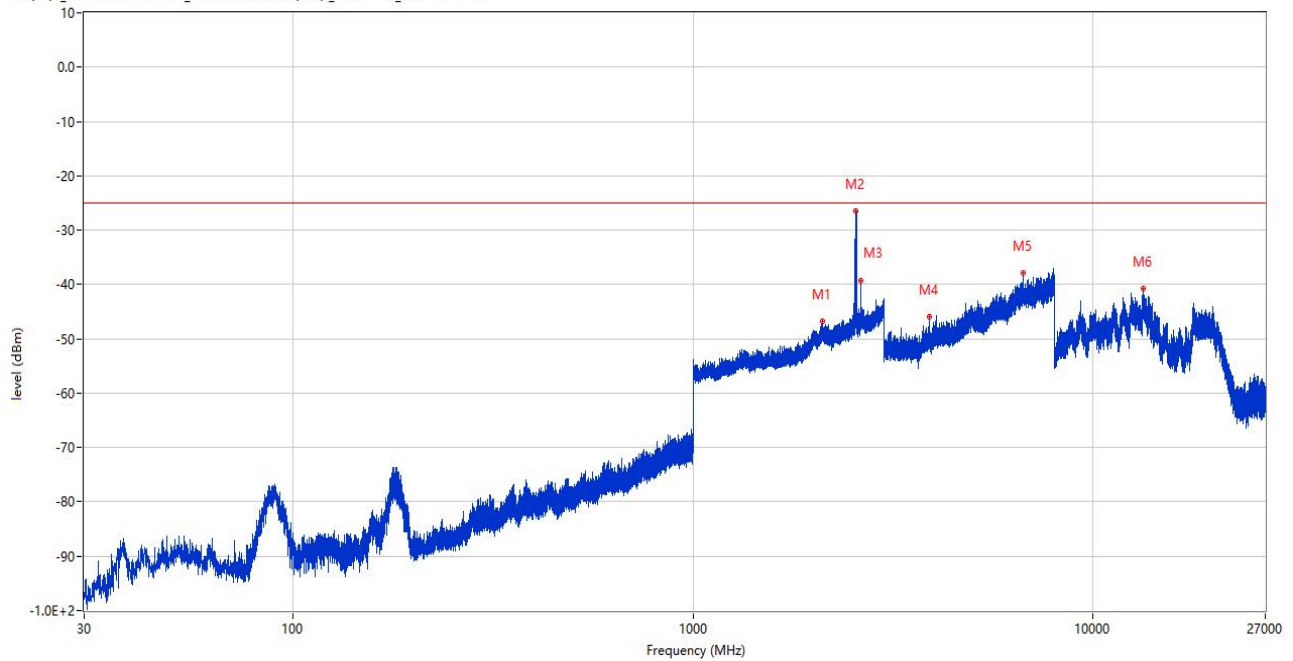
RSE (RF) _FCC PART22&24&27_LTE Band 38 & 41(mid)_2570-2620_30MHz-27GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
1353.900	-52.05	0.73	-25.0	27.05	160.00	Horizontal	Horizontal	Pass
2562.200	-21.96	8.28	-25.0	-3.04	25.00	Horizontal	Horizontal	N/A
2630.000	-39.15	9.01	-25.0	14.15	179.00	Horizontal	Horizontal	Pass
3826.000	-47.44	9.00	-25.0	22.44	332.00	Horizontal	Horizontal	Pass
6681.500	-38.20	16.93	-25.0	13.20	6.00	Horizontal	Horizontal	Pass
13394.175	-41.03	16.96	-25.0	16.03	360.00	Horizontal	Horizontal	Pass

Band:CA_ C38,Channel:LOW
range ,BW:15M+15M

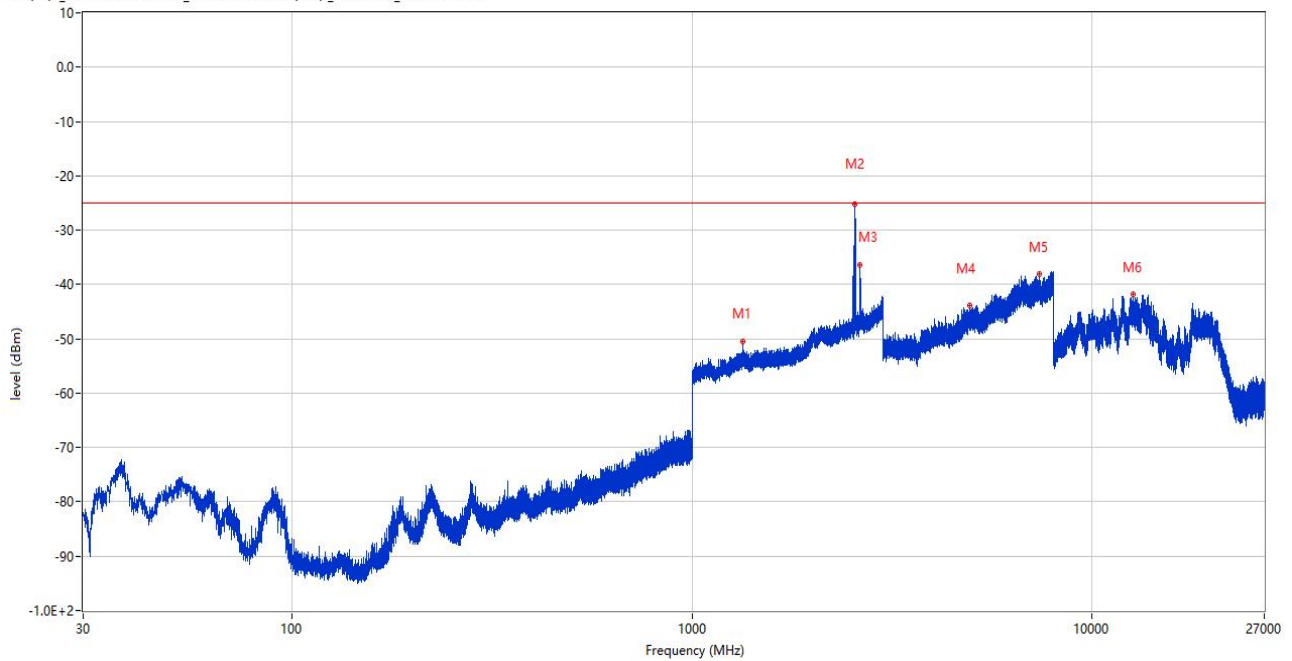
RSE (RF) _FCC PART22&24&27_LTE Band 38 & 41(mid) _2570-2620_30MHz-27GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
2110.200	-46.85	5.80	-25.0	21.85	66.00	Horizontal	Vertical	Pass
2558.900	-26.48	8.23	-25.0	1.48	134.00	Horizontal	Vertical	N/A
2630.000	-39.24	9.01	-25.0	14.24	128.00	Horizontal	Vertical	Pass
3901.500	-45.97	10.18	-25.0	20.97	127.00	Horizontal	Vertical	Pass
6679.500	-37.92	16.90	-25.0	12.92	289.00	Horizontal	Vertical	Pass
13359.526	-40.84	16.63	-25.0	15.84	361.00	Horizontal	Vertical	Pass

Band:CA_ C38,Channel:LOW
range ,BW:15M+15M

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

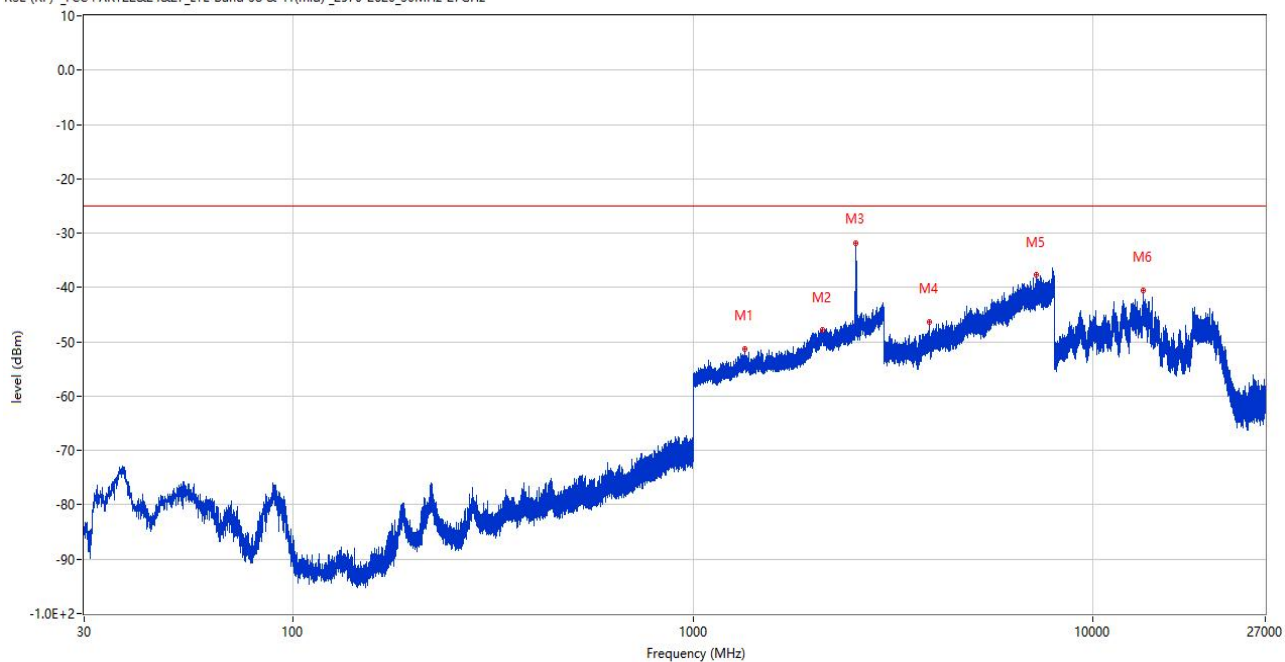


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
1343.100	-50.41	0.98	-25.0	25.41	208.00	Vertical	Vertical	Pass
2559.300	-25.13	8.24	-25.0	0.13	71.00	Vertical	Vertical	N/A
2632.000	-36.48	9.03	-25.0	11.48	77.00	Vertical	Vertical	Pass
4958.000	-43.81	12.93	-25.0	18.81	274.00	Vertical	Vertical	Pass
7396.750	-38.10	17.75	-25.0	13.10	286.00	Vertical	Vertical	Pass
12703.213	-41.85	14.78	-25.0	16.85	69.00	Vertical	Vertical	Pass

Band:CA_ C38,Channel:LOW

range ,BW:15M+15M

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



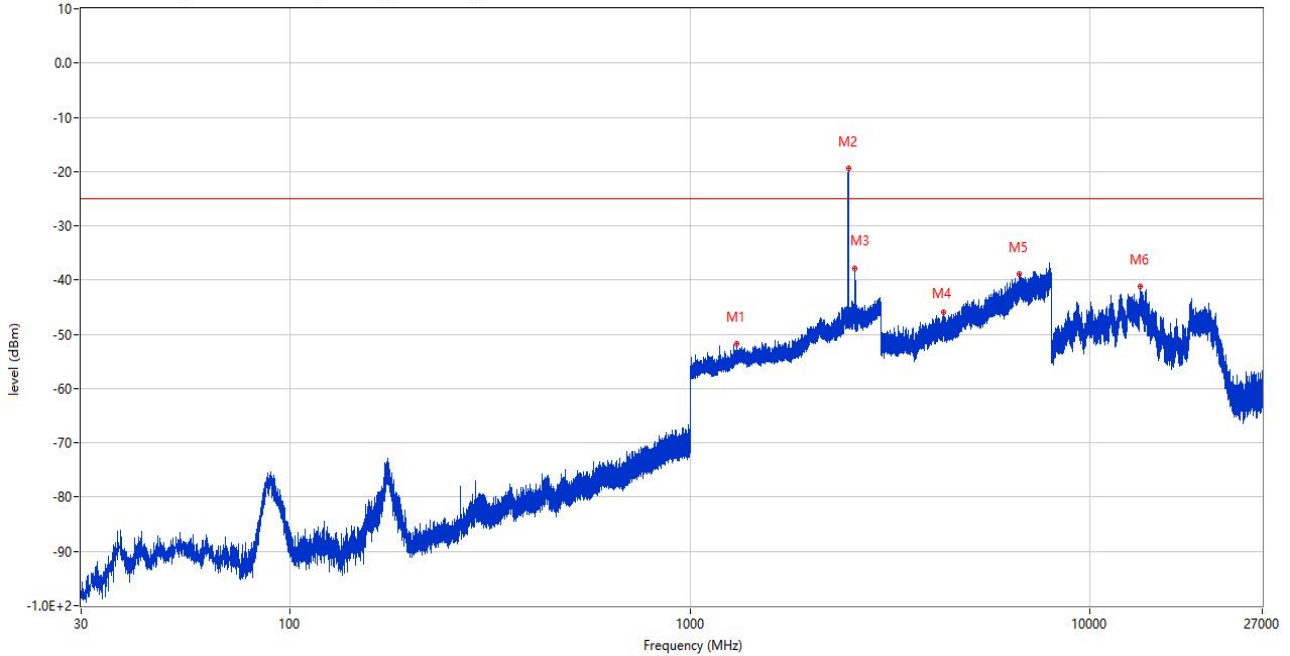
Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
1350.600	-51.31	0.63	-25.0	26.31	346.00	Vertical	Horizontal	Pass
2108.300	-47.81	5.73	-25.0	22.81	240.00	Vertical	Horizontal	Pass
2558.800	-31.90	8.23	-25.0	6.90	227.00	Vertical	Horizontal	N/A
3896.500	-46.39	10.28	-25.0	21.39	332.00	Vertical	Horizontal	Pass
7213.250	-37.70	16.55	-25.0	12.70	224.00	Vertical	Horizontal	Pass
13391.813	-40.47	16.93	-25.0	15.47	360.00	Vertical	Horizontal	Pass

4.14 CA_41C

Band:CA_ C41,Channel:LOW

range ,BW:20M+5M

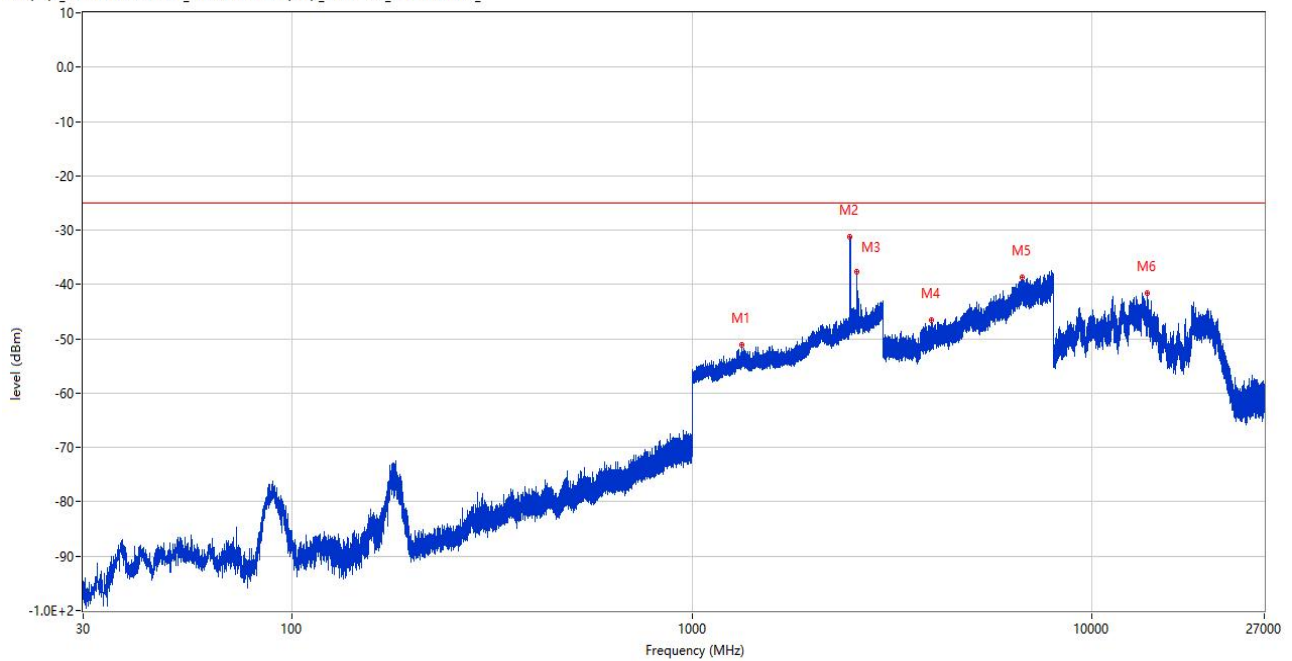
RSE (RF) _FCC PART22&24&27_LTE Band 7 & 41(low) _2496-2570_30MHz-27GHz_



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
1312.700	-51.69	0.76	-25.0	26.69	215.00	Horizontal	Horizontal	Pass
2488.400	-19.42	8.83	-25.0	-5.58	79.00	Horizontal	Horizontal	N/A
2581.000	-37.90	8.57	-25.0	12.90	60.00	Horizontal	Horizontal	Pass
4312.000	-46.03	10.29	-25.0	21.03	84.00	Horizontal	Horizontal	Pass
6673.000	-38.96	16.66	-25.0	13.96	281.00	Horizontal	Horizontal	Pass
13403.099	-41.23	16.94	-25.0	16.23	347.00	Horizontal	Horizontal	Pass

Band:CA_ C41,Channel:LOW
range ,BW:20M+5M

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

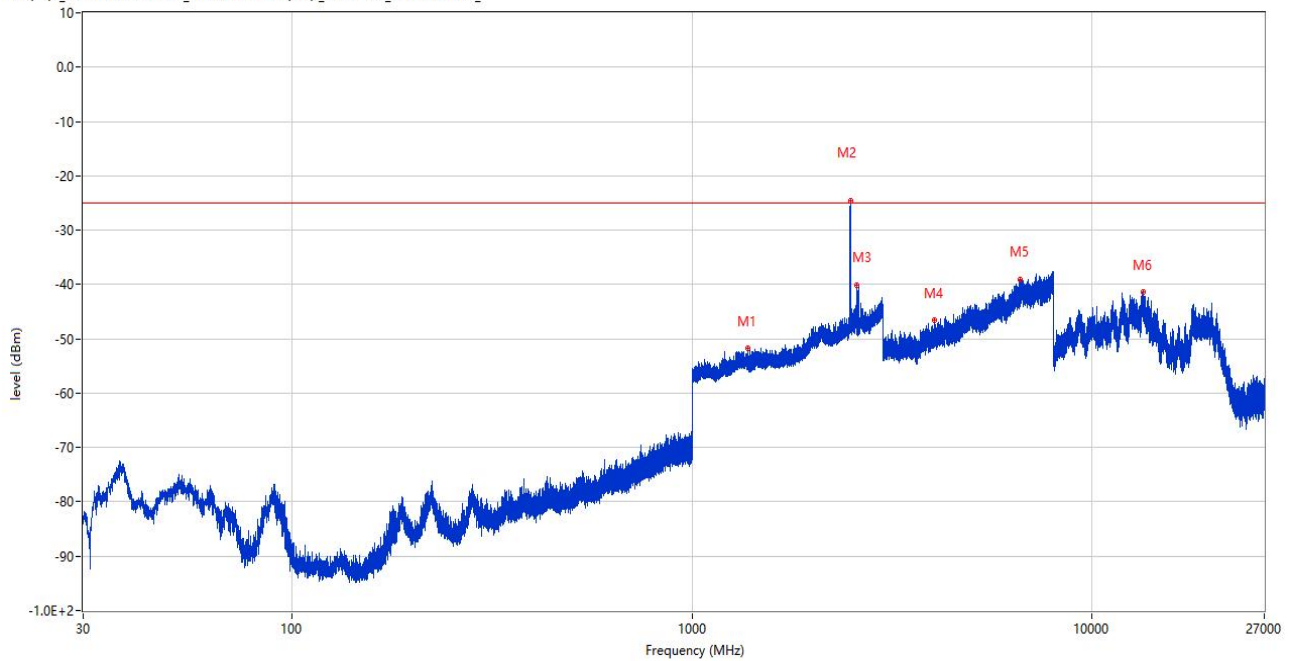


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
1330.000	-51.09	0.68	-25.0	26.09	97.00	Horizontal	Vertical	Pass
2486.300	-31.25	8.80	-25.0	6.25	73.00	Horizontal	Vertical	N/A
2578.100	-37.69	8.80	-25.0	12.69	227.00	Horizontal	Vertical	Pass
3967.000	-46.61	9.77	-25.0	21.61	311.00	Horizontal	Vertical	Pass
6679.000	-38.65	16.84	-25.0	13.65	245.00	Horizontal	Vertical	Pass
13785.300	-41.61	16.03	-25.0	16.61	362.00	Horizontal	Vertical	Pass

Band:CA_ C41,Channel:LOW

range ,BW:20M+5M

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

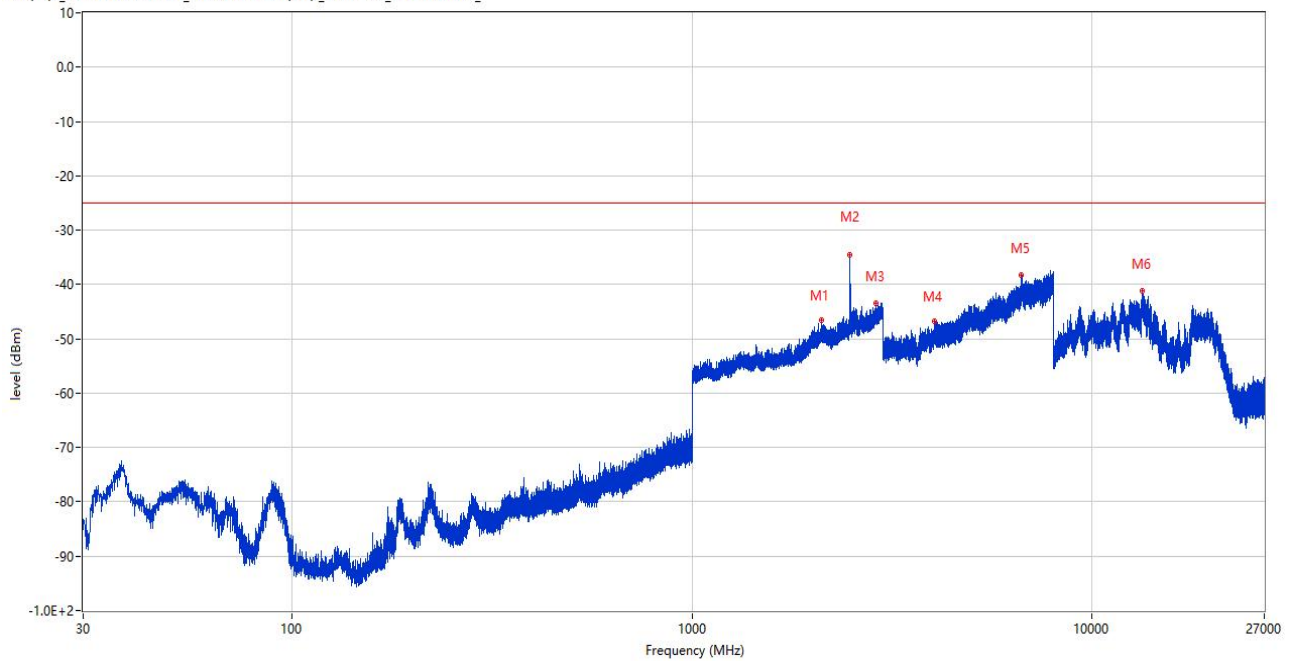


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
1378.300	-51.71	0.38	-25.0	26.71	222.00	Vertical	Vertical	Pass
2488.500	-24.56	8.83	-25.0	-0.44	197.00	Vertical	Vertical	N/A
2589.400	-40.23	8.21	-25.0	15.23	73.00	Vertical	Vertical	Pass
4050.750	-46.54	10.87	-25.0	21.54	344.00	Vertical	Vertical	Pass
6600.500	-38.99	15.91	-25.0	13.99	267.00	Vertical	Vertical	Pass
13481.850	-41.32	15.57	-25.0	16.32	40.00	Vertical	Vertical	Pass

Band:CA_ C41,Channel:LOW

range ,BW:20M+5M

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



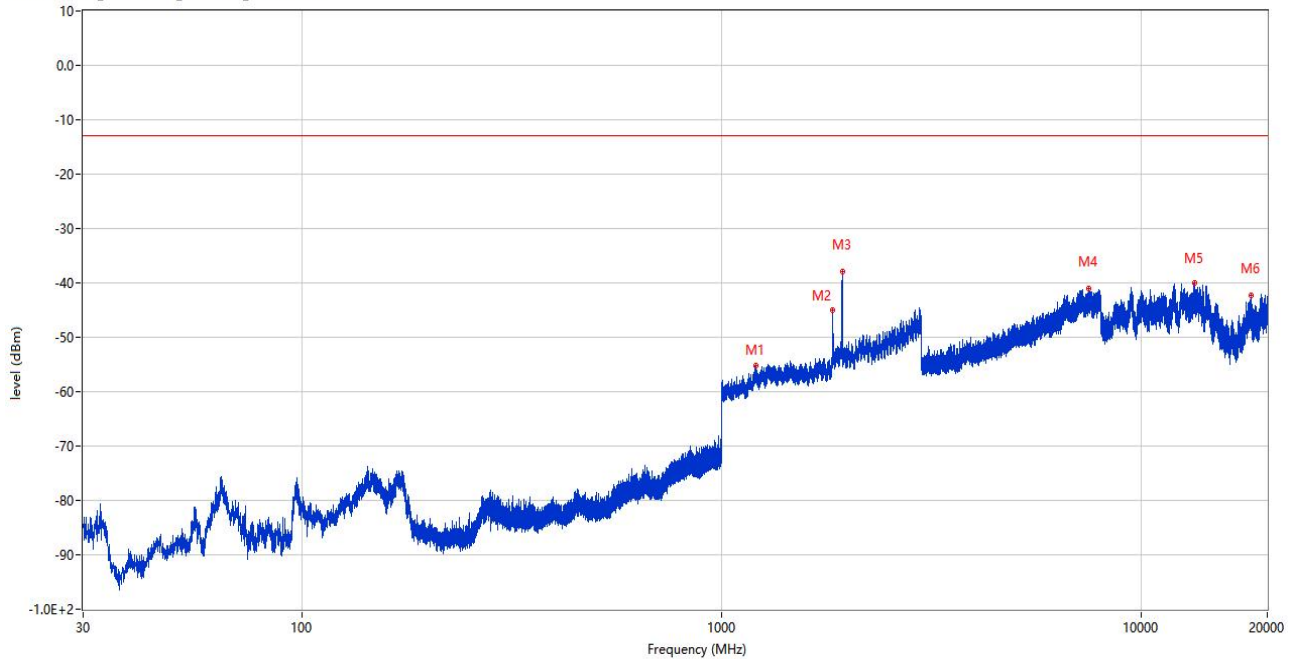
Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
2108.100	-46.48	6.10	-25.0	21.48	48.00	Vertical	Horizontal	Pass
2482.200	-34.45	7.72	-25.0	9.45	66.00	Vertical	Horizontal	N/A
2887.600	-43.39	10.89	-25.0	18.39	127.00	Vertical	Horizontal	Pass
4043.250	-46.74	10.33	-25.0	21.74	95.00	Vertical	Horizontal	Pass
6652.250	-38.35	16.13	-25.0	13.35	150.00	Vertical	Horizontal	Pass
13387.875	-41.26	16.90	-25.0	16.26	180.00	Vertical	Horizontal	Pass

5. NR

5.1 n2

Band:SA N2 BW:15M Channel:LOW range

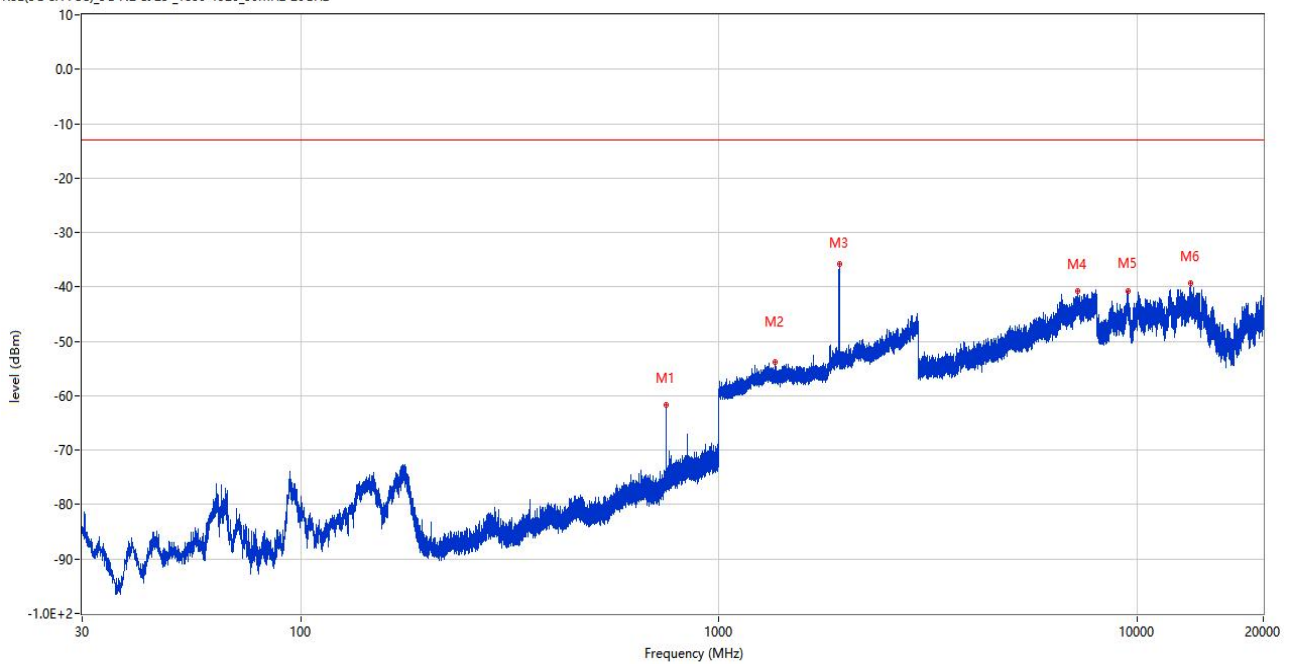
RSE(5G SA FCC)_5G N2 & 25_1830-1920_30MHz-20GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
1203.800	-55.31	-1.69	-13.0	42.31	331.00	Horizontal	Horizontal	Pass
1839.600	-45.05	1.07	-13.0	32.05	360.00	Horizontal	Horizontal	N/A
1942.100	-37.91	1.20	-13.0	24.91	256.00	Horizontal	Horizontal	N/A
7514.000	-41.04	13.88	-13.0	28.04	360.00	Horizontal	Horizontal	Pass
13397.588	-40.05	16.68	-13.0	27.05	294.00	Horizontal	Horizontal	Pass
18278.599	-42.32	12.32	-13.0	29.32	316.00	Horizontal	Horizontal	Pass

Band:SA N2 BW:15M Channel:LOW range

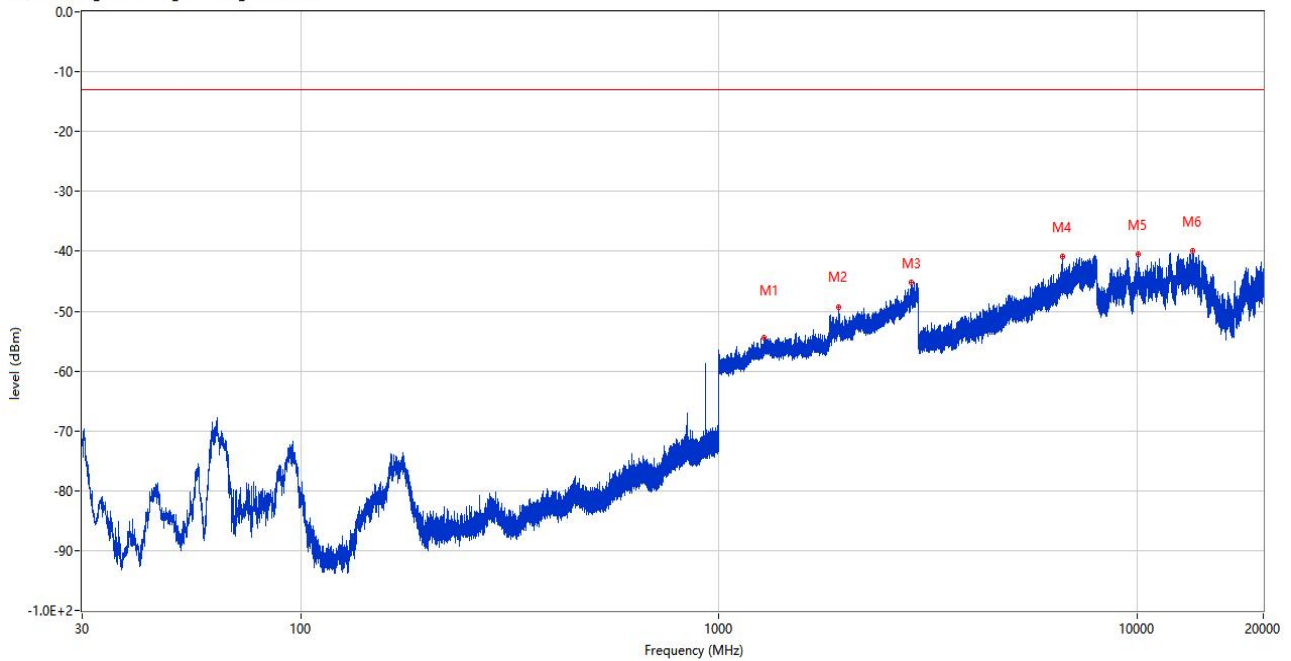
RSE(5G SA FCC)_5G N2 & 25_1830-1920_30MHz-20GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
747.169	-61.69	-2.87	-13.0	48.69	195.00	Horizontal	Vertical	Pass
1358.000	-53.89	-1.76	-13.0	40.89	265.00	Horizontal	Vertical	Pass
1942.400	-35.78	1.25	-13.0	22.78	255.00	Horizontal	Vertical	N/A
7197.250	-40.80	14.27	-13.0	27.80	360.00	Horizontal	Vertical	Pass
9505.988	-40.66	12.79	-13.0	27.66	9.00	Horizontal	Vertical	Pass
13375.013	-39.35	16.72	-13.0	26.35	168.00	Horizontal	Vertical	Pass

Band:SA N2 BW:15M Channel:LOW range

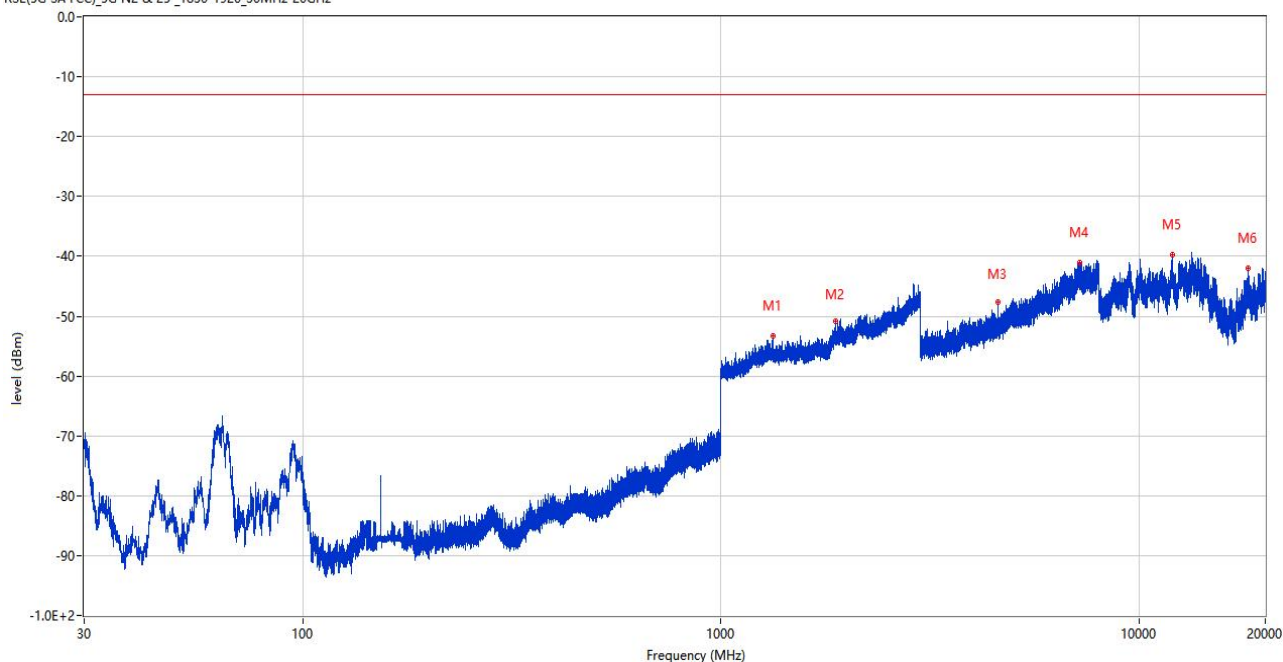
RSE(5G SA FCC)_5G N2 & 25_1830-1920_30MHz-20GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
1279.300	-54.34	-1.44	-13.0	41.34	360.00	Vertical	Vertical	Pass
1933.000	-49.27	1.89	-13.0	36.27	192.00	Vertical	Vertical	N/A
2886.400	-45.22	9.71	-13.0	32.22	82.00	Vertical	Vertical	Pass
6642.250	-40.87	13.06	-13.0	27.87	1.00	Vertical	Vertical	Pass
10060.075	-40.50	13.85	-13.0	27.50	91.00	Vertical	Vertical	Pass
13551.674	-40.02	16.59	-13.0	27.02	96.00	Vertical	Vertical	Pass

Band:SA N2 BW:15M Channel:LOW range

RSE(5G SA FCC)_5G N2 & 25_1830-1920_30MHz-20GHz



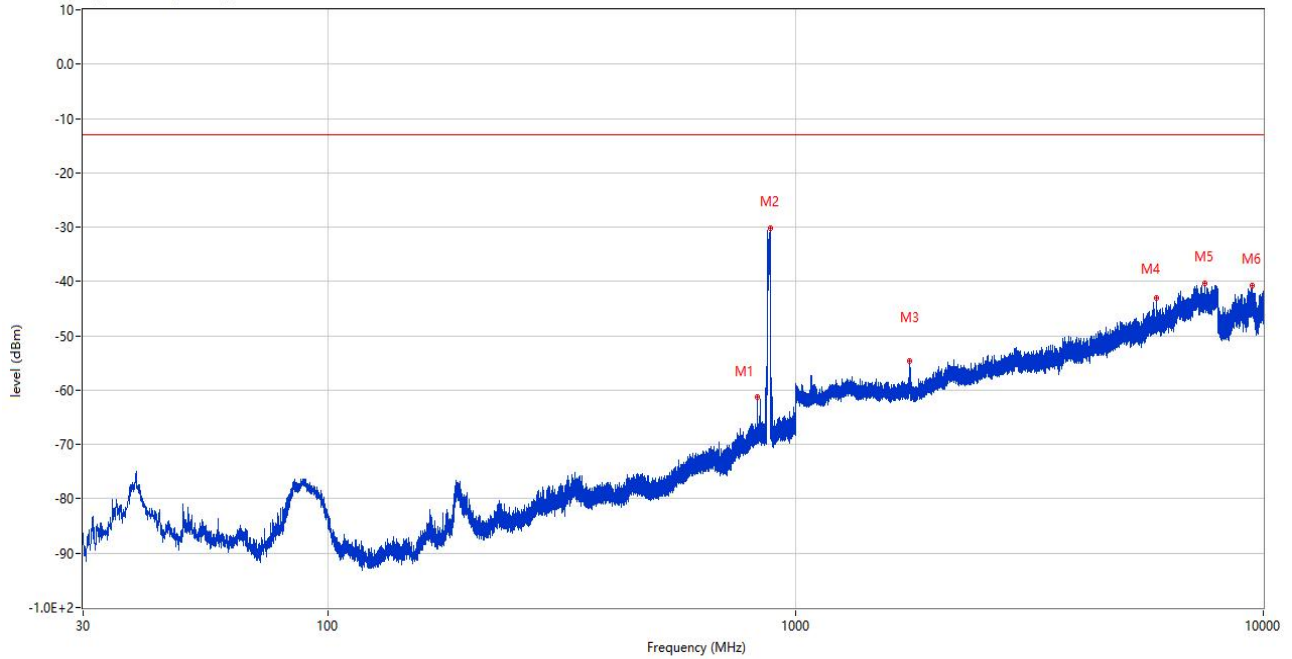
Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
1328.500	-53.27	-1.34	-13.0	40.27	360.00	Vertical	Horizontal	Pass
1881.700	-50.82	1.65	-13.0	37.82	129.00	Vertical	Horizontal	Pass
4582.000	-47.74	7.29	-13.0	34.74	164.00	Vertical	Horizontal	Pass
7200.500	-41.00	14.43	-13.0	28.00	48.00	Vertical	Horizontal	Pass
11986.675	-39.81	14.02	-13.0	26.81	100.00	Vertical	Horizontal	Pass
18204.699	-42.05	12.31	-13.0	29.05	267.00	Vertical	Horizontal	Pass

5.2 n5

Band:SA N5 BW:15M Channel:LOW

range

RSE(5G SA FCC)_5G N5 & 26_814-849_30MHz-10GHz

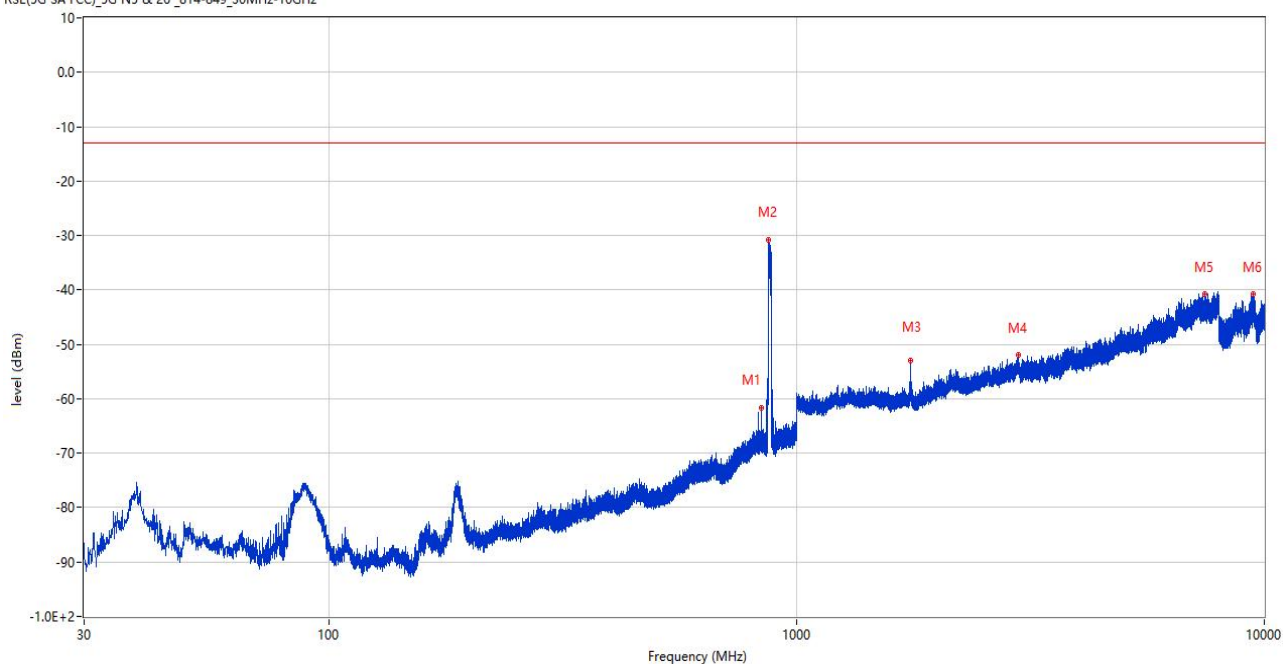


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
828.553	-61.20	4.43	-13.0	48.20	124.00	Horizontal	Horizontal	N/A
882.921	-30.23	3.51	-13.0	17.23	266.00	Horizontal	Horizontal	N/A
1754.100	-54.63	-5.96	-13.0	41.63	204.00	Horizontal	Horizontal	Pass
5898.750	-43.05	10.35	-13.0	30.05	252.00	Horizontal	Horizontal	Pass
7487.250	-40.38	14.06	-13.0	27.38	31.00	Horizontal	Horizontal	Pass
9470.300	-40.80	13.35	-13.0	27.80	208.00	Horizontal	Horizontal	Pass

Band:SA N5 BW:15M Channel:LOW

range

RSE(5G SA FCC)_5G N5 & 26_814-849_30MHz-10GHz

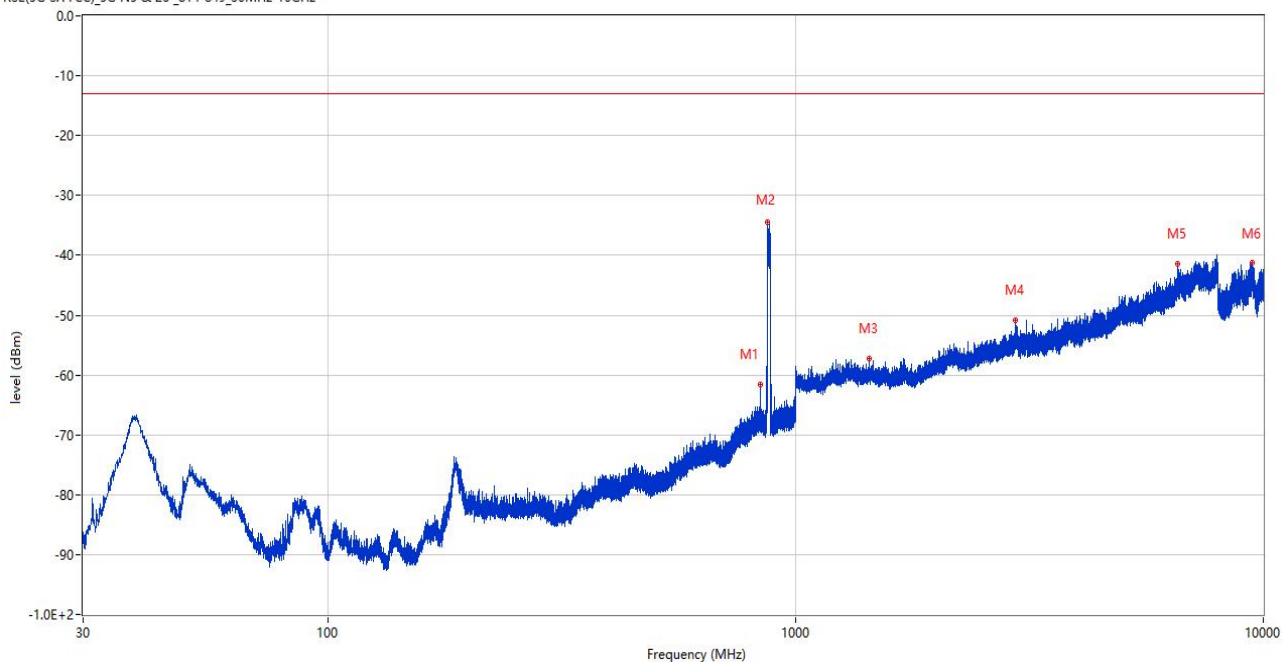


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
839.998	-61.60	4.87	-13.0	48.60	24.00	Horizontal	Vertical	N/A
872.881	-30.72	3.54	-13.0	17.72	257.00	Horizontal	Vertical	N/A
1754.300	-52.96	-5.97	-13.0	39.96	265.00	Horizontal	Vertical	Pass
2974.900	-51.95	2.63	-13.0	38.95	275.00	Horizontal	Vertical	Pass
7459.750	-40.80	13.80	-13.0	27.80	237.00	Horizontal	Vertical	Pass
9446.700	-40.79	13.75	-13.0	27.79	39.00	Horizontal	Vertical	Pass

Band:SA N5 BW:15M Channel:LOW

range

RSE(5G SA FCC)_5G N5 & 26_814-849_30MHz-10GHz

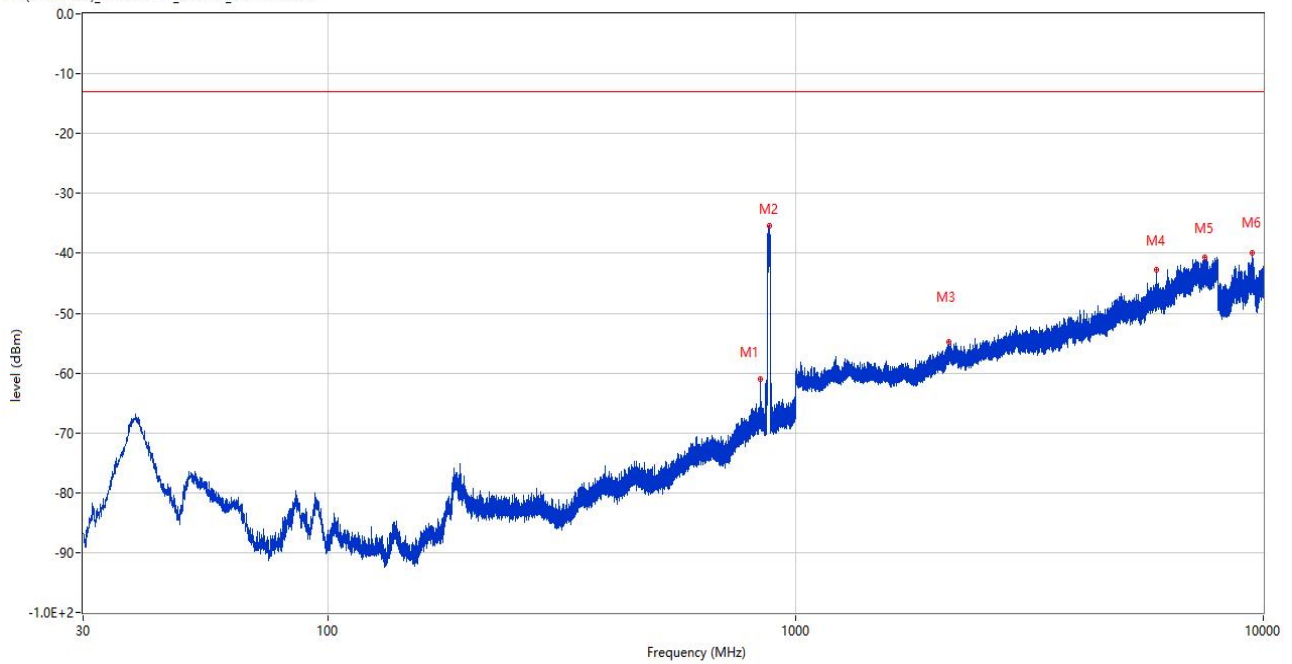


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
839.998	-61.54	4.87	-13.0	48.54	138.00	Vertical	Vertical	N/A
872.396	-34.37	3.59	-13.0	21.37	257.00	Vertical	Vertical	N/A
1439.100	-57.19	-5.16	-13.0	44.19	31.00	Vertical	Vertical	Pass
2952.800	-50.80	2.38	-13.0	37.80	199.00	Vertical	Vertical	Pass
6574.750	-41.38	13.19	-13.0	28.38	322.00	Vertical	Vertical	Pass
9460.500	-41.26	13.56	-13.0	28.26	0.00	Vertical	Vertical	Pass

Band:SA N5 BW:15M Channel:LOW

range

RSE(5G SA FCC)_5G N5 & 26_814-849_30MHz-10GHz



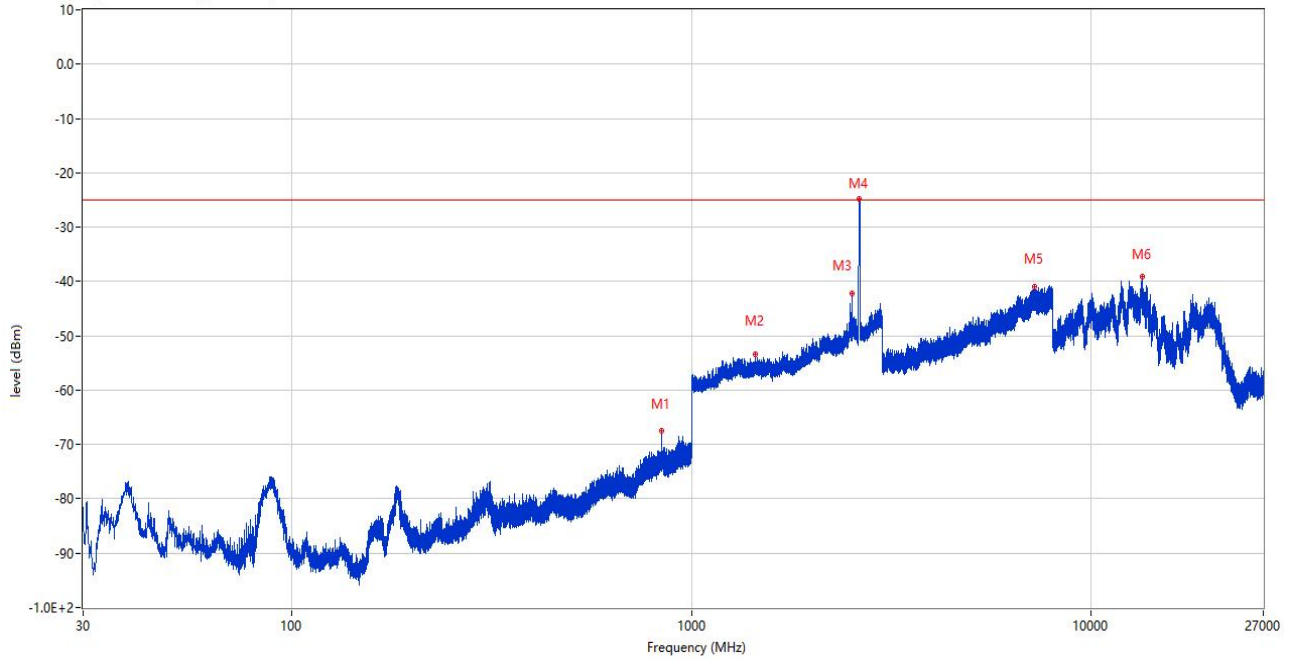
Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
839.998	-61.03	4.87	-13.0	48.03	182.00	Vertical	Horizontal	N/A
880.011	-35.42	3.52	-13.0	22.42	257.00	Vertical	Horizontal	N/A
2131.500	-54.89	-2.06	-13.0	41.89	245.00	Vertical	Horizontal	Pass
5899.000	-42.80	10.37	-13.0	29.80	161.00	Vertical	Horizontal	Pass
7488.250	-40.70	14.04	-13.0	27.70	219.00	Vertical	Horizontal	Pass
9447.800	-39.93	13.76	-13.0	26.93	110.00	Vertical	Horizontal	Pass

5.3 n7

Band:SA N7 BW:25M Channel:LOW

range

RSE(5G SA FCC)_5G N7 & 41(low)_2496-2570_30MHz-27GHz

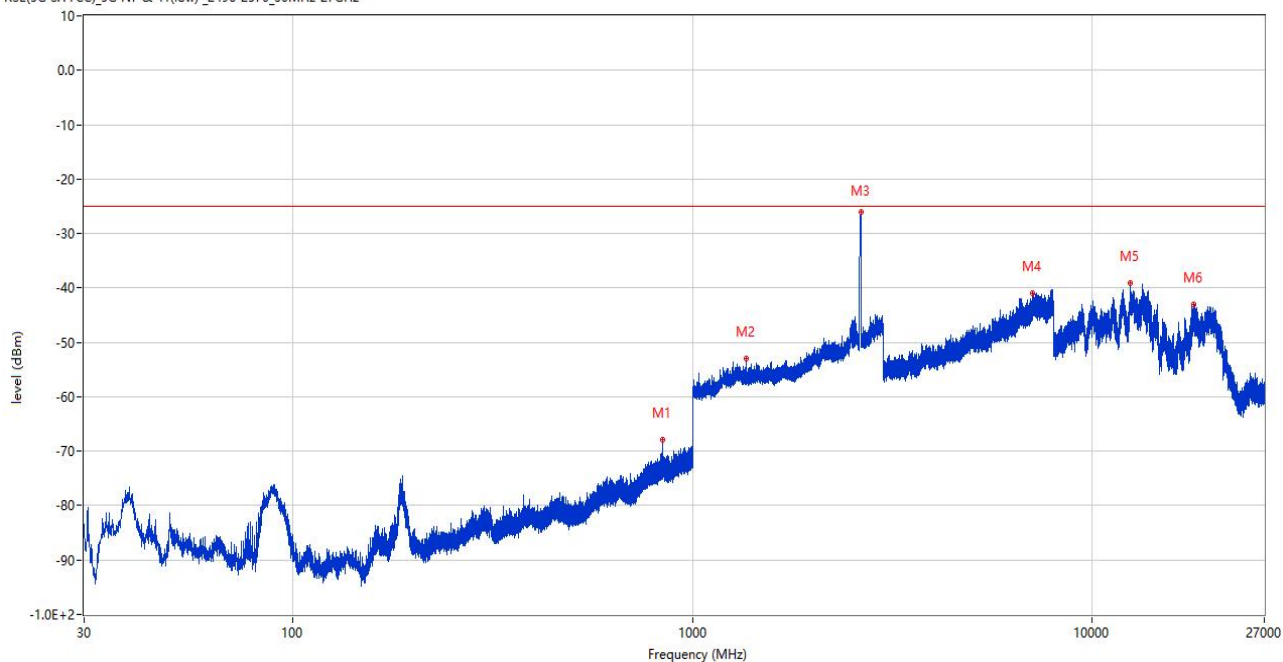


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
839.998	-67.48	-0.14	-25.0	42.48	332.00	Horizontal	Horizontal	Pass
1448.000	-53.43	-1.25	-25.0	28.43	79.00	Horizontal	Horizontal	Pass
2517.900	-42.26	7.06	-25.0	17.26	55.00	Horizontal	Horizontal	N/A
2625.000	-24.79	5.46	-25.0	-0.21	196.00	Horizontal	Horizontal	N/A
7215.250	-40.91	13.92	-25.0	15.91	51.00	Horizontal	Horizontal	Pass
13409.925	-39.17	16.79	-25.0	14.17	215.00	Horizontal	Horizontal	Pass

Band:SA N7 BW:25M Channel:LOW

range

RSE(5G SA FCC)_5G N7 & 41(low)_2496-2570_30MHz-27GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
839.998	-67.95	-0.14	-25.0	42.95	312.00	Horizontal	Vertical	Pass
1363.100	-53.02	-1.61	-25.0	28.02	208.00	Horizontal	Vertical	Pass
2636.600	-26.05	6.39	-25.0	1.05	199.00	Horizontal	Vertical	N/A
7101.750	-40.95	13.53	-25.0	15.95	360.00	Horizontal	Vertical	Pass
12472.362	-39.14	14.47	-25.0	14.14	115.00	Horizontal	Vertical	Pass
17979.001	-43.00	13.37	-25.0	18.00	247.00	Horizontal	Vertical	Pass