

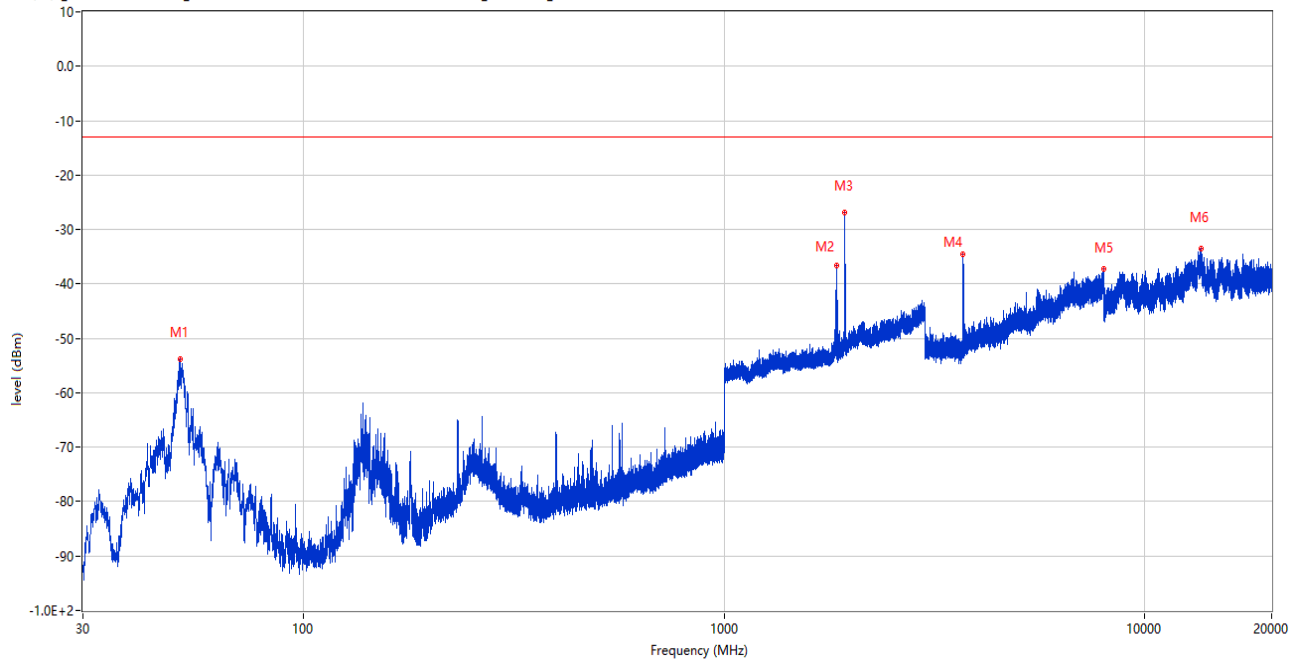
A.7 Field Strength of Spurious Radiation

1. LTE-M1

1.1 LTE-M1 Band 2

Band:LTE CAT-M B2 Channel:LOW BW:10M

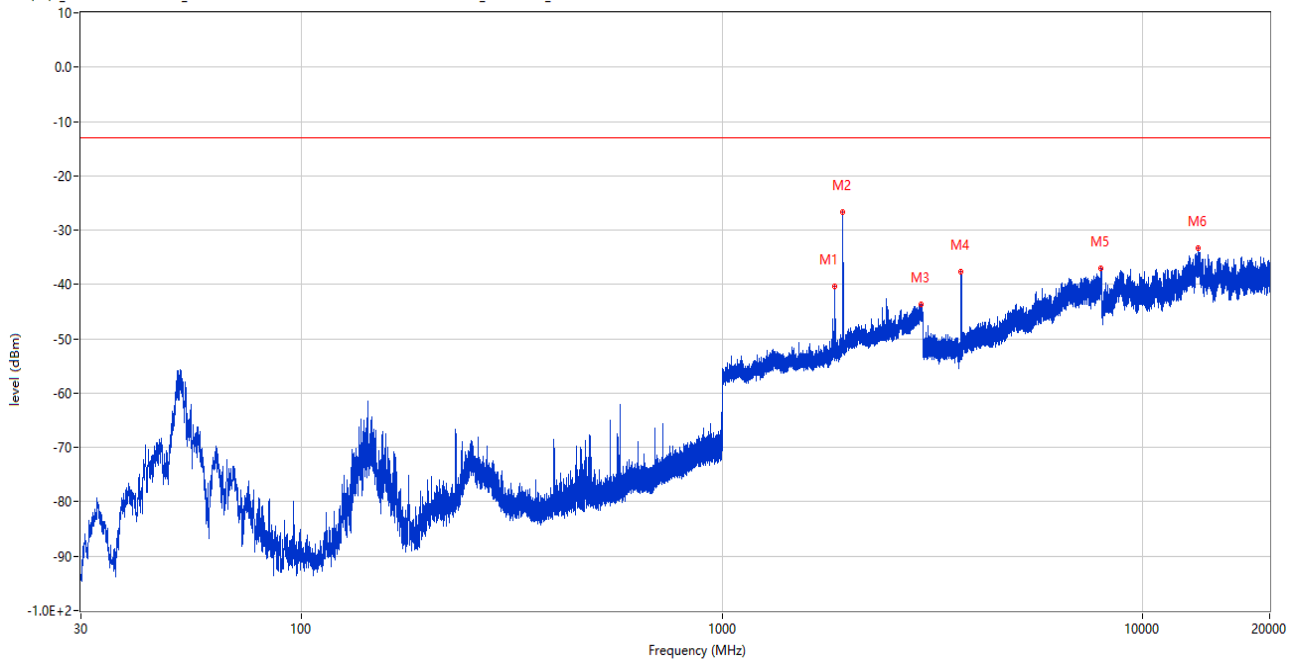
RSE (RF) _FCC PART22&24&27_CDMA BC1 & WCDMA Band 2 & LTE Band 2 & 25 _1830-1920_30MHz-20GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
50.952	-53.76	-17.41	-13.0	40.76	340.00	Horizontal	Horizontal	Pass
1851.600	-36.56	2.54	-13.0	23.56	161.00	Horizontal	Horizontal	N/A
1932.000	-26.96	3.05	-13.0	13.96	281.00	Horizontal	Horizontal	N/A
3702.000	-38.14	7.55	-13.0	25.14	360.00	Horizontal	Horizontal	Pass
7995.250	-37.22	18.76	-13.0	24.22	227.00	Horizontal	Horizontal	Pass
13569.974	-33.46	25.08	-13.0	20.46	187.00	Horizontal	Horizontal	Pass

Band:LTE CAT-M B2 Channel:LOW BW:10M

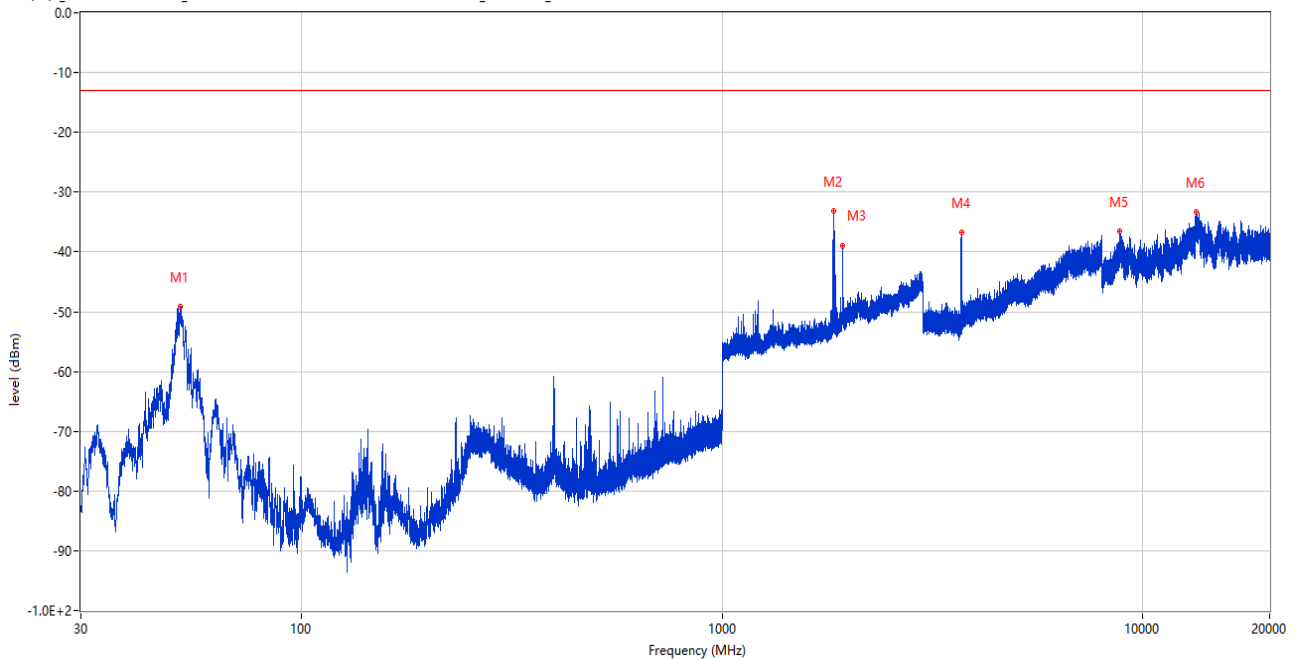
RSE (RF) _FCC PART22&24&27_CDMA BC1 & WCDMA Band 2 & LTE Band 2 & 25 _1830-1920_30MHz-20GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
1851.700	-40.40	2.54	-13.0	27.40	272.00	Horizontal	Vertical	N/A
1937.500	-26.65	3.45	-13.0	13.65	96.00	Horizontal	Vertical	N/A
2963.700	-43.63	11.41	-13.0	30.63	88.00	Horizontal	Vertical	Pass
3702.000	-37.59	7.55	-13.0	24.59	227.00	Horizontal	Vertical	Pass
7921.750	-37.07	18.29	-13.0	24.07	69.00	Horizontal	Vertical	Pass
13550.401	-33.32	25.22	-13.0	20.32	33.00	Horizontal	Vertical	Pass

Band:LTE CAT-M B2 Channel:LOW BW:10M

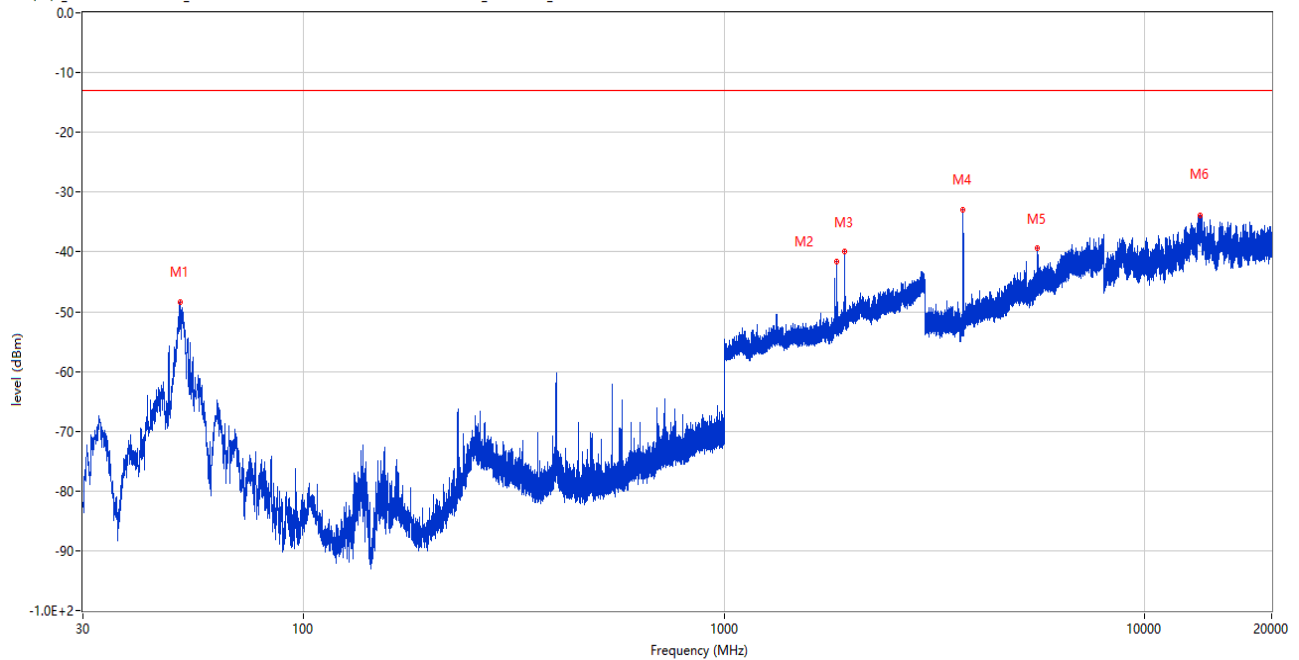
RSE (RF) _FCC PART22&24&27_CDMA BC1 & WCDMA Band 2 & LTE Band 2 & 25 _1830-1920_30MHz-20GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
51.631	-49.21	-17.46	-13.0	36.21	173.00	Vertical	Vertical	Pass
1843.600	-33.19	2.44	-13.0	20.19	145.00	Vertical	Vertical	N/A
1931.900	-38.90	3.06	-13.0	25.90	3.00	Vertical	Vertical	N/A
3719.500	-36.76	7.51	-13.0	23.76	18.00	Vertical	Vertical	Pass
8825.312	-36.58	19.96	-13.0	23.58	236.00	Vertical	Vertical	Pass
13392.349	-33.35	24.80	-13.0	20.35	263.00	Vertical	Vertical	Pass

Band:LTE CAT-M B2 Channel:LOW BW:10M

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

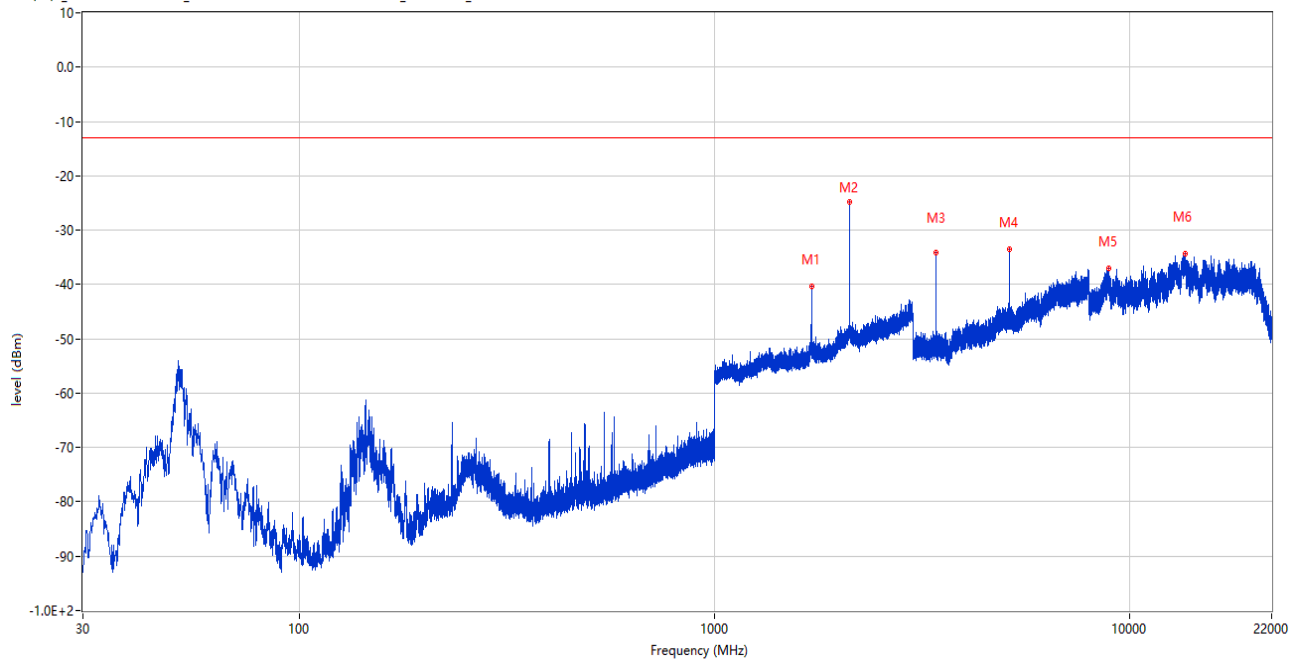


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
51.097	-48.35	-17.45	-13.0	35.35	150.00	Vertical	Horizontal	Pass
1851.600	-41.60	2.54	-13.0	28.60	90.00	Vertical	Horizontal	N/A
1936.300	-40.01	3.30	-13.0	27.01	3.00	Vertical	Horizontal	N/A
3702.000	-32.91	7.55	-13.0	19.91	81.00	Vertical	Horizontal	Pass
5552.500	-39.41	13.15	-13.0	26.41	176.00	Vertical	Horizontal	Pass
13521.401	-33.99	24.49	-13.0	20.99	287.00	Vertical	Horizontal	Pass

1.2 LTE-M1 Band 4

Band:LTE CAT-M B4 Channel:LOW BW:5M

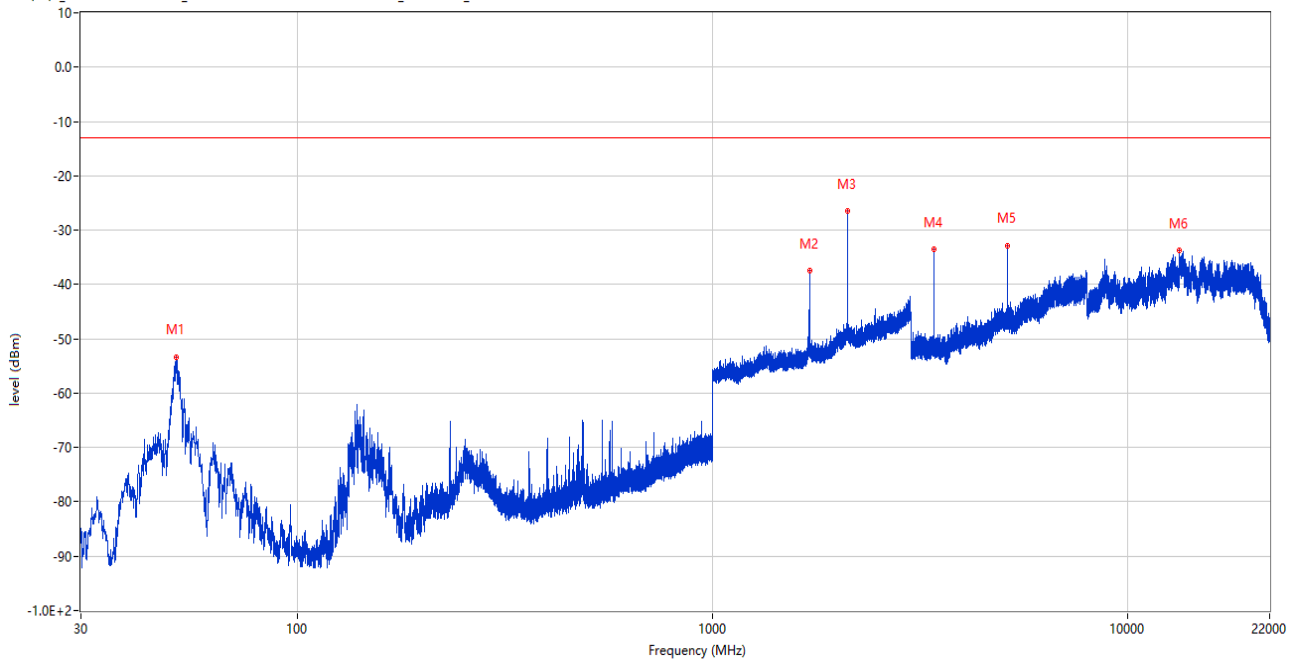
RSE (RF) _FCC PART22&24&27_WCDMA Band 4 & LTE Band 4 & 66 _1710-1785_30MHz-20GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
1711.300	-40.35	2.66	-13.0	27.35	150.00	Horizontal	Horizontal	N/A
2115.300	-24.87	5.59	-13.0	11.87	225.00	Horizontal	Horizontal	N/A
3421.500	-34.02	6.91	-13.0	21.02	175.00	Horizontal	Horizontal	Pass
5131.750	-33.51	12.19	-13.0	20.51	216.00	Horizontal	Horizontal	Pass
8930.288	-36.97	19.56	-13.0	23.97	105.00	Horizontal	Horizontal	Pass
13598.224	-34.39	24.88	-13.0	21.39	30.00	Horizontal	Horizontal	Pass

Band:LTE CAT-M B4 Channel:LOW BW:5M

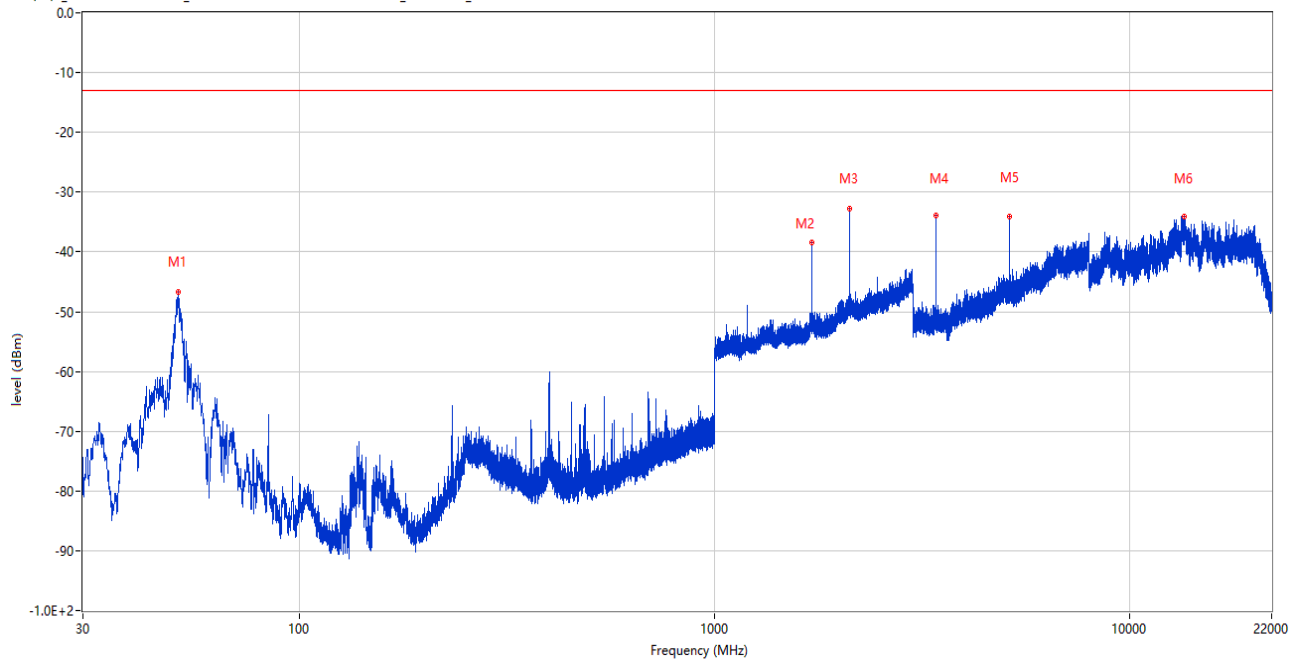
RSE (RF) _FCC PART22&24&27_WCDMA Band 4 & LTE Band 4 & 66 _1710-1785_30MHz-20GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
50.952	-53.29	-17.41	-13.0	40.29	325.00	Horizontal	Vertical	Pass
1711.300	-37.39	2.66	-13.0	24.39	108.00	Horizontal	Vertical	N/A
2114.500	-26.47	5.66	-13.0	13.47	100.00	Horizontal	Vertical	N/A
3421.250	-33.49	6.89	-13.0	20.49	261.00	Horizontal	Vertical	Pass
5131.500	-32.79	12.18	-13.0	19.79	240.00	Horizontal	Vertical	Pass
13355.412	-33.66	24.57	-13.0	20.66	218.00	Horizontal	Vertical	Pass

Band:LTE CAT-M B4 Channel:LOW BW:5M

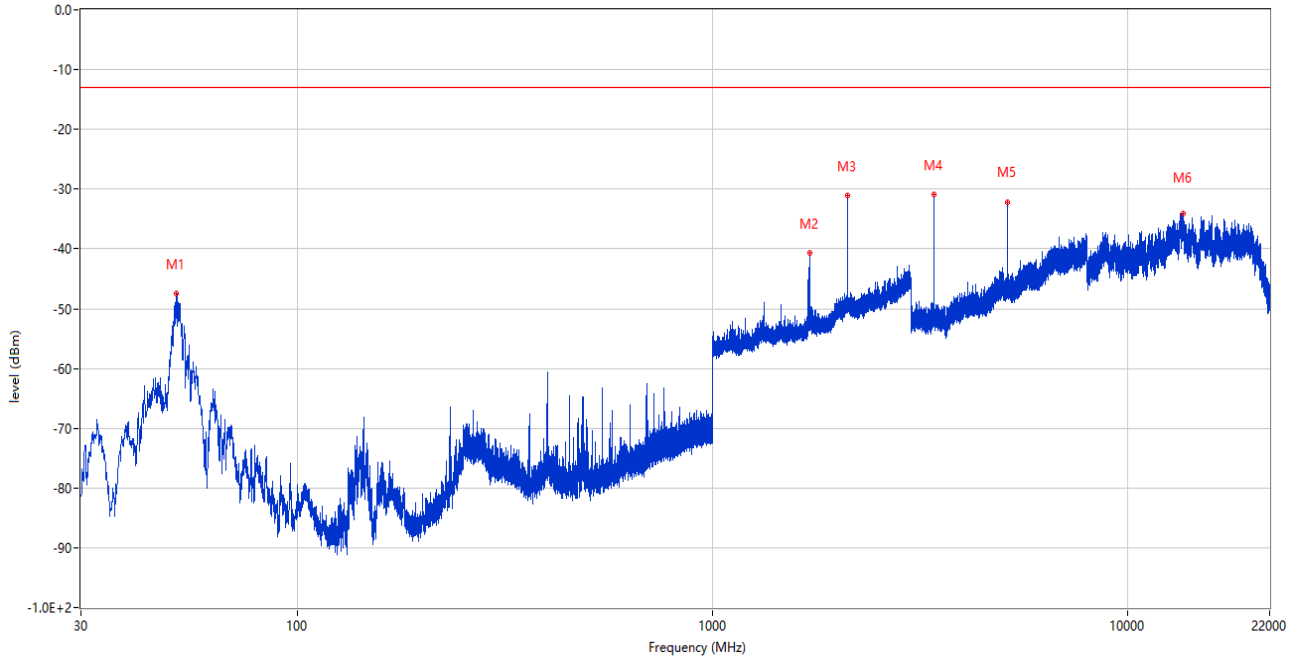
RSE (RF) _FCC PART22&24&27_WCDMA Band 4 & LTE Band 4 & 66_1710-1785_30MHz-20GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
50.952	-46.70	-17.41	-13.0	33.70	138.00	Vertical	Vertical	Pass
1711.300	-38.51	2.66	-13.0	25.51	215.00	Vertical	Vertical	N/A
2113.700	-32.70	5.67	-13.0	19.70	161.00	Vertical	Vertical	N/A
3421.500	-33.87	6.91	-13.0	20.87	0.00	Vertical	Vertical	Pass
5131.750	-34.12	12.19	-13.0	21.12	290.00	Vertical	Vertical	Pass
13577.413	-34.00	25.03	-13.0	21.00	186.00	Vertical	Vertical	Pass

Band:LTE CAT-M B4 Channel:LOW BW:5M

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

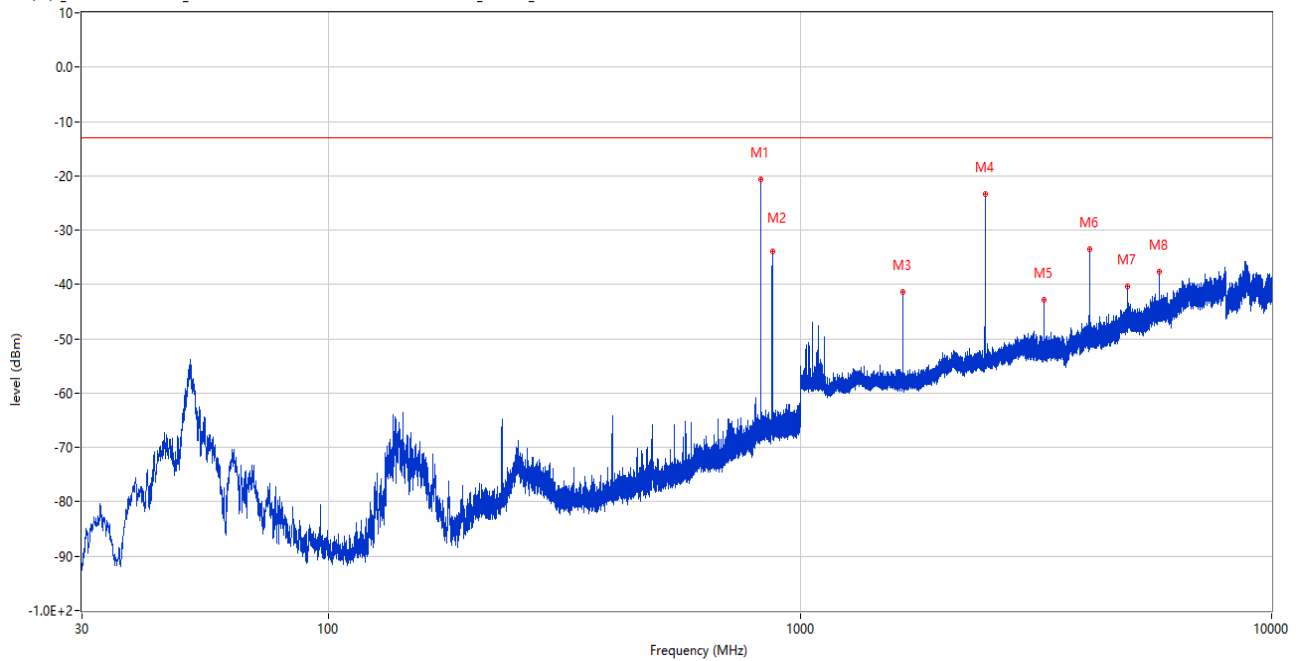


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
50.952	-47.48	-17.41	-13.0	34.48	115.00	Vertical	Horizontal	Pass
1711.200	-40.70	2.67	-13.0	27.70	254.00	Vertical	Horizontal	N/A
2114.800	-31.08	5.67	-13.0	18.08	162.00	Vertical	Horizontal	N/A
3421.750	-30.93	6.96	-13.0	17.93	324.00	Vertical	Horizontal	Pass
5131.500	-32.12	12.18	-13.0	19.12	304.00	Vertical	Horizontal	Pass
13593.138	-34.11	24.92	-13.0	21.11	219.00	Vertical	Horizontal	Pass

1.3 LTE-M1 Band 5

Band:LTE CAT-M B5 Channel:LOW BW:5M

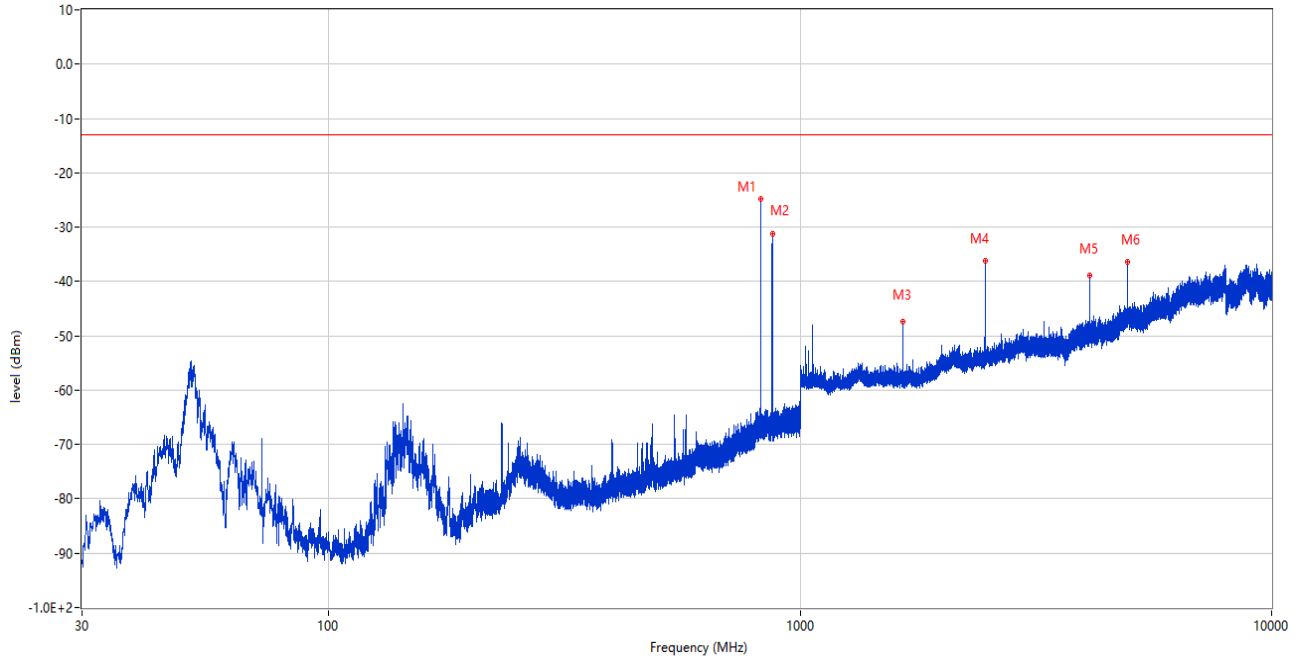
RSE (RF) _FCC PART22&24&27_CDMA BC0 & WCDMA Band5 & LTE Band 5 & 26 _814-849_30MHz-10GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
824.333	-20.75	6.91	-13.0	7.75	257.00	Horizontal	Horizontal	N/A
873.027	-33.92	6.44	-13.0	20.92	282.00	Horizontal	Horizontal	N/A
1649.600	-41.32	-3.68	-13.0	28.32	94.00	Horizontal	Horizontal	Pass
2474.000	-23.33	1.00	-13.0	10.33	58.00	Horizontal	Horizontal	Pass
3298.250	-42.87	6.67	-13.0	29.87	271.00	Horizontal	Horizontal	Pass
4122.750	-33.46	9.63	-13.0	20.46	46.00	Horizontal	Horizontal	Pass
4946.250	-40.40	12.80	-13.0	27.40	360.00	Horizontal	Horizontal	Pass
5771.000	-37.65	14.33	-13.0	24.65	303.00	Horizontal	Horizontal	Pass

Band:LTE CAT-M B5 Channel:LOW BW:5M

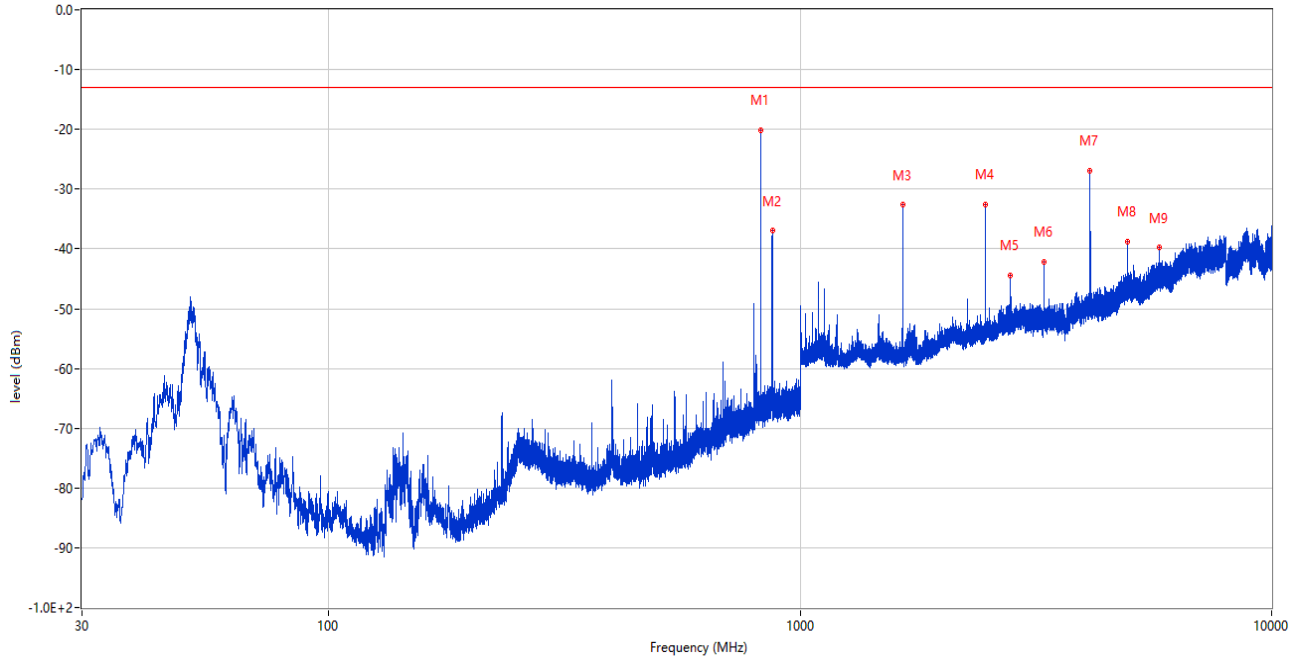
RSE (RF) _FCC PART22&24&27_CDMA BC0 & WCDMA Band5 & LTE Band 5 & 26 _814-849_30MHz-10GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
824.381	-24.87	6.91	-13.0	11.87	184.00	Horizontal	Vertical	N/A
873.561	-31.26	6.42	-13.0	18.26	259.00	Horizontal	Vertical	N/A
1649.400	-47.36	-3.69	-13.0	34.36	184.00	Horizontal	Vertical	Pass
2474.000	-36.12	1.00	-13.0	23.12	239.00	Horizontal	Vertical	Pass
4122.250	-38.96	9.62	-13.0	25.96	126.00	Horizontal	Vertical	Pass
4946.750	-36.40	12.85	-13.0	23.40	173.00	Horizontal	Vertical	Pass

Band:LTE CAT-M B5 Channel:LOW BW:5M

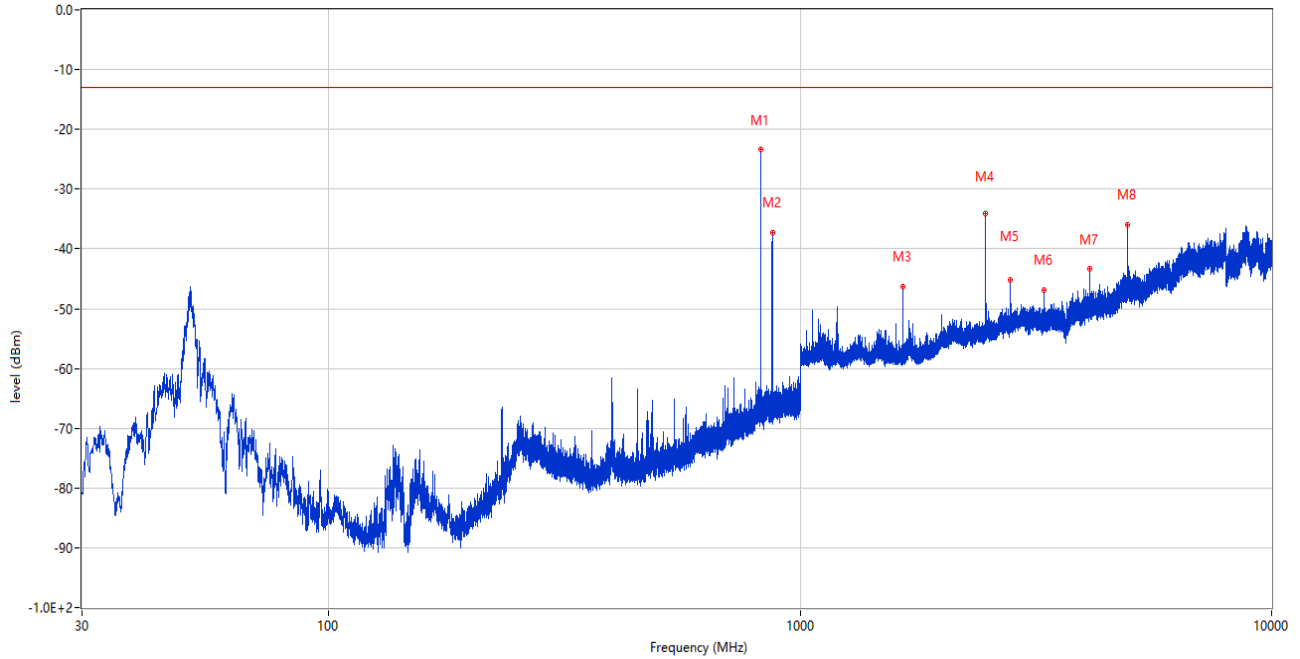
RSE (RF) _FCC PART22&24&27_CDMA BC0 & WCDMA Band5 & LTE Band 5 & 26_814-849_30MHz-10GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
824.284	-20.10	6.91	-13.0	7.10	322.00	Vertical	Vertical	N/A
873.027	-36.98	6.44	-13.0	23.98	279.00	Vertical	Vertical	N/A
1649.500	-32.62	-3.69	-13.0	19.62	358.00	Vertical	Vertical	Pass
2474.000	-32.57	1.00	-13.0	19.57	351.00	Vertical	Vertical	Pass
2794.800	-44.52	3.52	-13.0	31.52	167.00	Vertical	Vertical	Pass
3298.250	-42.14	6.67	-13.0	29.14	79.00	Vertical	Vertical	Pass
4122.500	-26.93	9.62	-13.0	13.93	319.00	Vertical	Vertical	Pass
4946.750	-38.78	12.85	-13.0	25.78	79.00	Vertical	Vertical	Pass
5771.250	-39.67	14.32	-13.0	26.67	239.00	Vertical	Vertical	Pass

Band:LTE CAT-M B5 Channel:LOW BW:5M

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

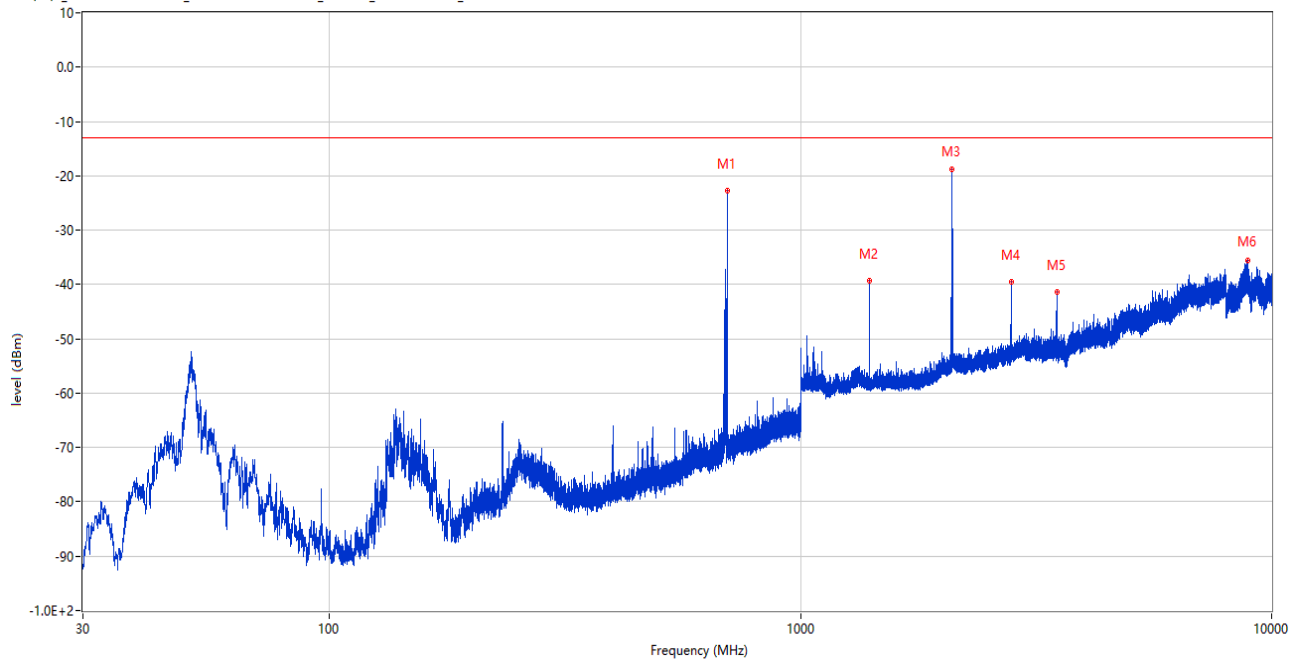


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
824.284	-23.38	6.91	-13.0	10.38	177.00	Vertical	Horizontal	N/A
873.561	-37.34	6.42	-13.0	24.34	328.00	Vertical	Horizontal	N/A
1649.700	-46.33	-3.68	-13.0	33.33	40.00	Vertical	Horizontal	Pass
2471.500	-34.03	0.83	-13.0	21.03	194.00	Vertical	Horizontal	Pass
2795.000	-45.17	3.53	-13.0	32.17	175.00	Vertical	Horizontal	Pass
3298.000	-46.80	6.67	-13.0	33.80	187.00	Vertical	Horizontal	Pass
4122.250	-43.34	9.62	-13.0	30.34	349.00	Vertical	Horizontal	Pass
4946.500	-35.95	12.83	-13.0	22.95	333.00	Vertical	Horizontal	Pass

1.4 LTE-M1 Band 12

Band:LTE CAT-M B12 Channel:LOW BW:5M

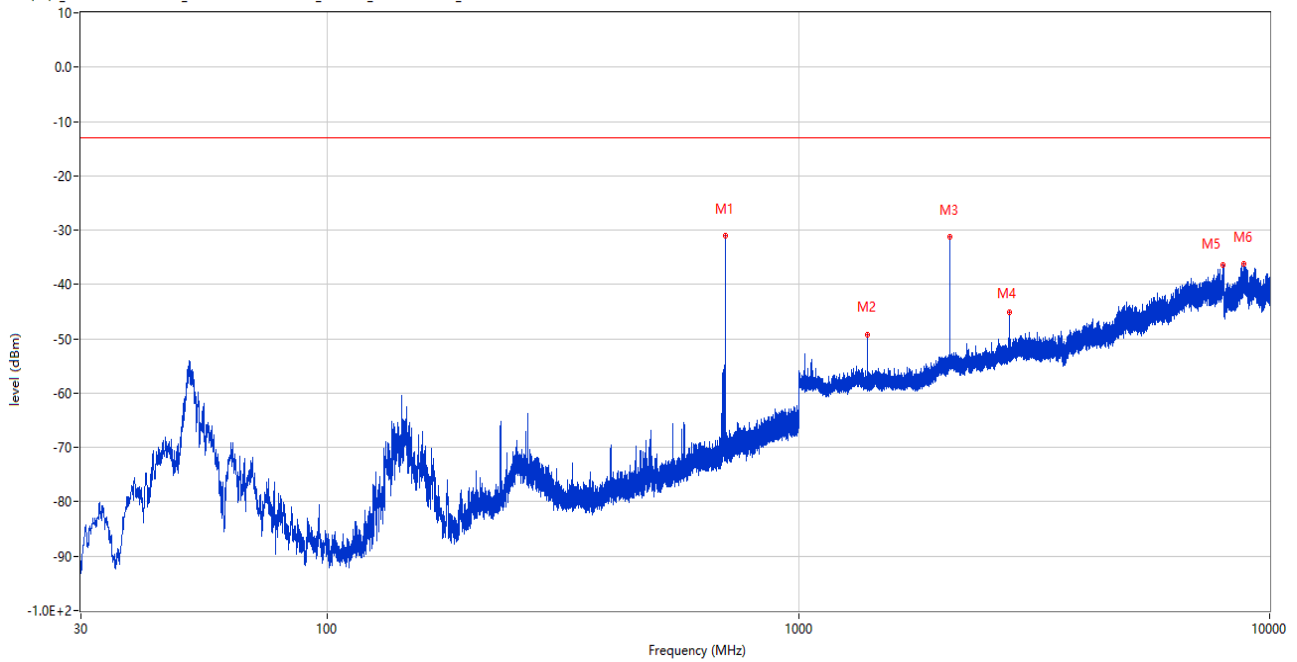
RSE (RF) _FCC PART22&24&27_LTE B12 & B17 & B28 _699-748_30MHz-10GHz_



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
699.348	-22.67	3.18	-13.0	9.67	272.00	Horizontal	Horizontal	N/A
1399.500	-39.36	-3.51	-13.0	26.36	300.00	Horizontal	Horizontal	Pass
2098.900	-18.84	-0.09	-13.0	5.84	330.00	Horizontal	Horizontal	Pass
2798.200	-39.44	3.65	-13.0	26.44	282.00	Horizontal	Horizontal	Pass
3497.500	-41.44	7.06	-13.0	28.44	3.00	Horizontal	Horizontal	Pass
8911.600	-35.64	19.68	-13.0	22.64	234.00	Horizontal	Horizontal	Pass

Band:LTE CAT-M B12 Channel:LOW BW:5M

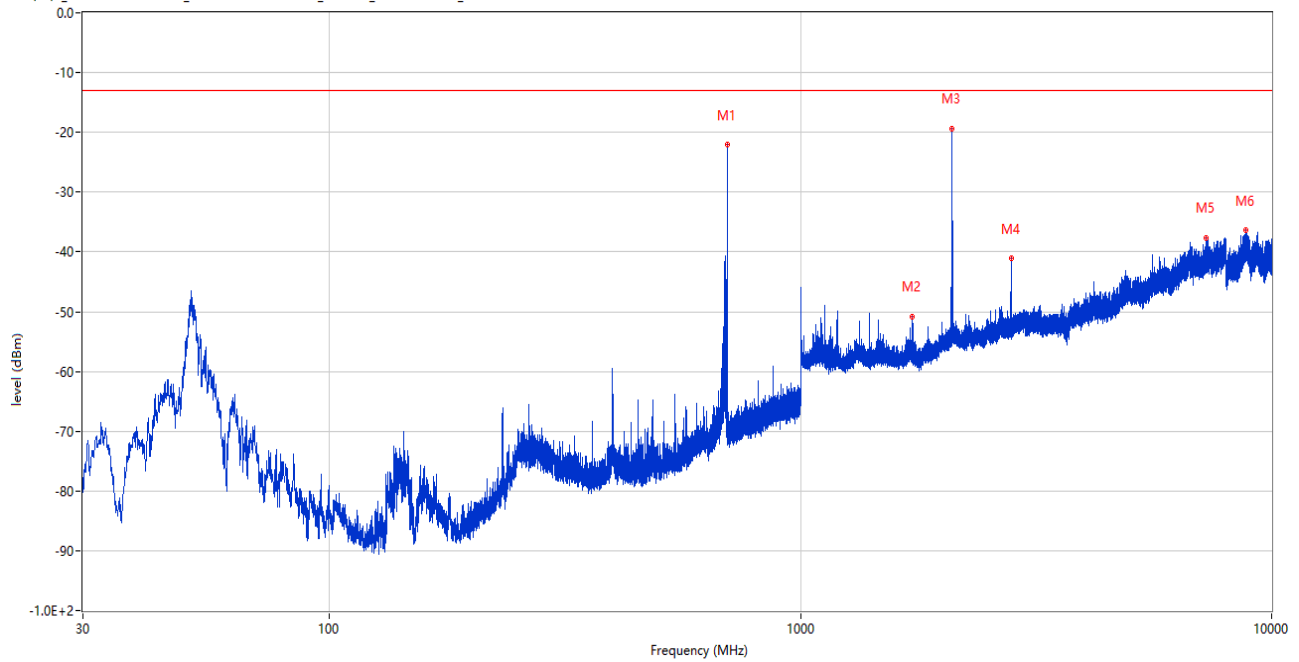
RSE (RF) _FCC PART22&24&27_LTE B12 & B17 & B28 _699-748_30MHz-10GHz_



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
699.348	-30.98	3.18	-13.0	17.98	226.00	Horizontal	Vertical	N/A
1399.800	-49.15	-3.56	-13.0	36.15	137.00	Horizontal	Vertical	Pass
2095.700	-31.27	-0.14	-13.0	18.27	101.00	Horizontal	Vertical	Pass
2798.200	-45.17	3.65	-13.0	32.17	240.00	Horizontal	Vertical	Pass
7947.000	-36.34	18.77	-13.0	23.34	112.00	Horizontal	Vertical	Pass
8822.000	-36.14	19.90	-13.0	23.14	145.00	Horizontal	Vertical	Pass

Band:LTE CAT-M B12 Channel:LOW BW:5M

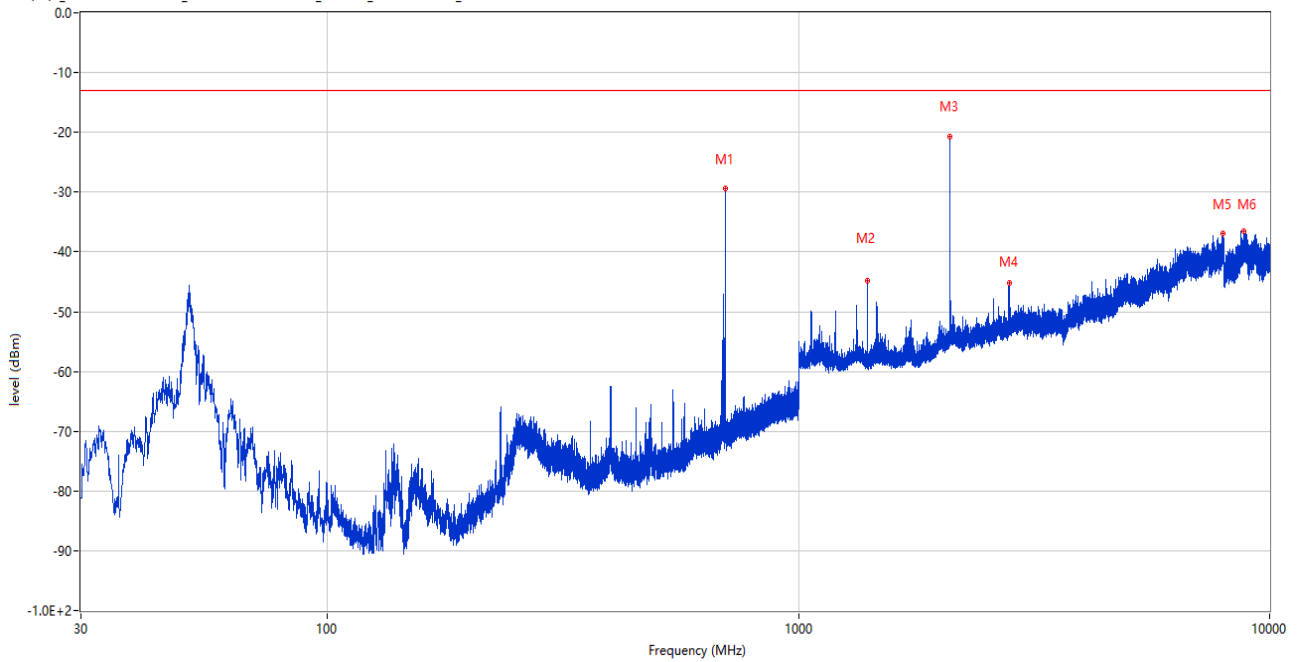
RSE (RF) _FCC PART22&24&27_LTE B12 & B17 & B28 _699-748_30MHz-10GHz_



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
699.300	-22.09	3.18	-13.0	9.09	192.00	Vertical	Vertical	N/A
1728.800	-50.84	-3.72	-13.0	37.84	185.00	Vertical	Vertical	Pass
2097.600	-19.35	-0.08	-13.0	6.35	174.00	Vertical	Vertical	Pass
2798.100	-41.13	3.64	-13.0	28.13	118.00	Vertical	Vertical	Pass
7257.750	-37.58	17.67	-13.0	24.58	190.00	Vertical	Vertical	Pass
8815.799	-36.34	19.80	-13.0	23.34	360.00	Vertical	Vertical	Pass

Band:LTE CAT-M B12 Channel:LOW BW:5M

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

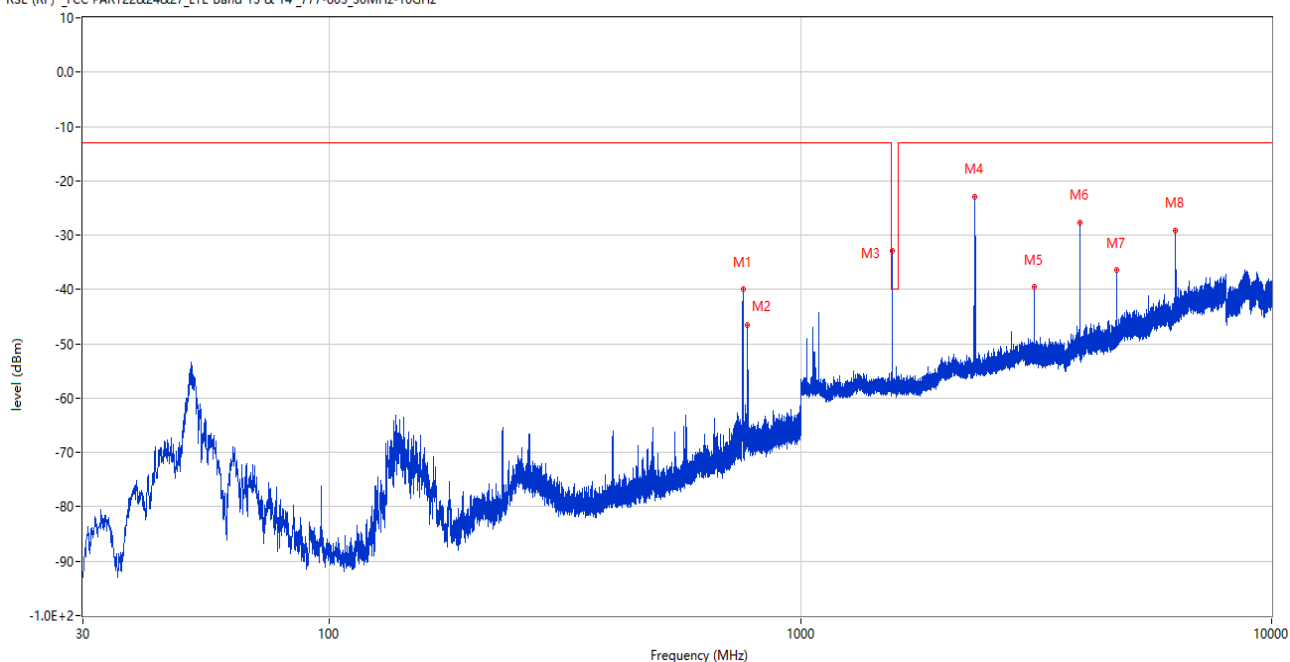


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
699.348	-29.44	3.18	-13.0	16.44	150.00	Vertical	Horizontal	N/A
1399.800	-44.76	-3.56	-13.0	31.76	186.00	Vertical	Horizontal	Pass
2100.000	-20.72	-0.03	-13.0	7.72	186.00	Vertical	Horizontal	Pass
2798.400	-45.11	3.64	-13.0	32.11	278.00	Vertical	Horizontal	Pass
7956.250	-37.00	18.45	-13.0	24.00	172.00	Vertical	Horizontal	Pass
8834.900	-36.56	20.11	-13.0	23.56	37.00	Vertical	Horizontal	Pass

1.5 LTE-M1 Band 13

Band:LTE CAT-M B13 Channel:HIGH BW:5M

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

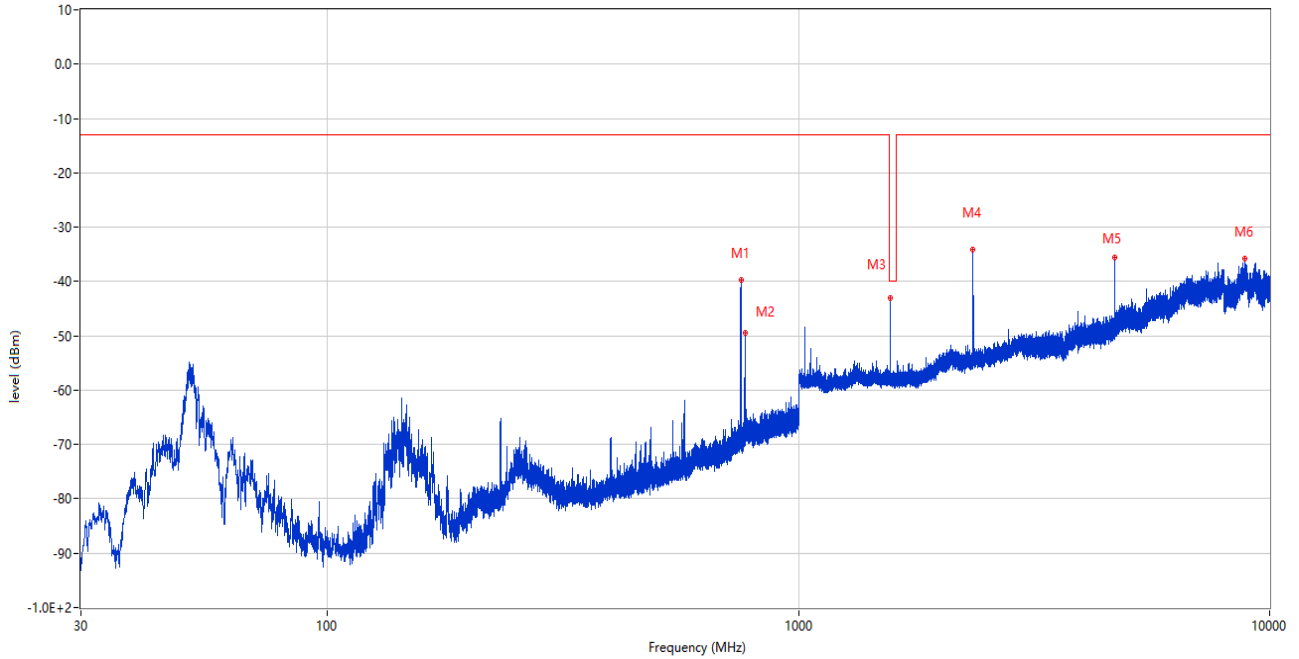


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
755.463	-39.97	3.27	-13.0	26.97	289.00	Horizontal	Horizontal	N/A
771.274	-46.50	5.18	-13.0	33.50	211.00	Horizontal	Horizontal	N/A
1565.700	-32.85	-3.22	-40.0	-7.15	302.00	Horizontal	Horizontal	N/A
1565.700*	-41.774	-3.22	-40.0	1.774	302.00	Horizontal	Horizontal	Pass
2347.900	-22.85	0.93	-13.0	9.85	345.00	Horizontal	Horizontal	Pass
3130.000	-39.47	6.99	-13.0	26.47	333.00	Horizontal	Horizontal	Pass
3912.250	-27.63	9.47	-13.0	14.63	57.00	Horizontal	Horizontal	Pass
4694.750	-36.45	11.13	-13.0	23.45	360.00	Horizontal	Horizontal	Pass
6259.250	-29.06	14.94	-13.0	16.06	267.00	Horizontal	Horizontal	Pass

Note: The initial sweep time from 1GHz to 3GHz was previously set to 200ms, which was insufficient for RMS detection. When there are frequency points out of standard or insufficient margin, the final scan time needs to be increased to determine its compliance

Band:LTE CAT-M B13 Channel:HIGH BW:5M

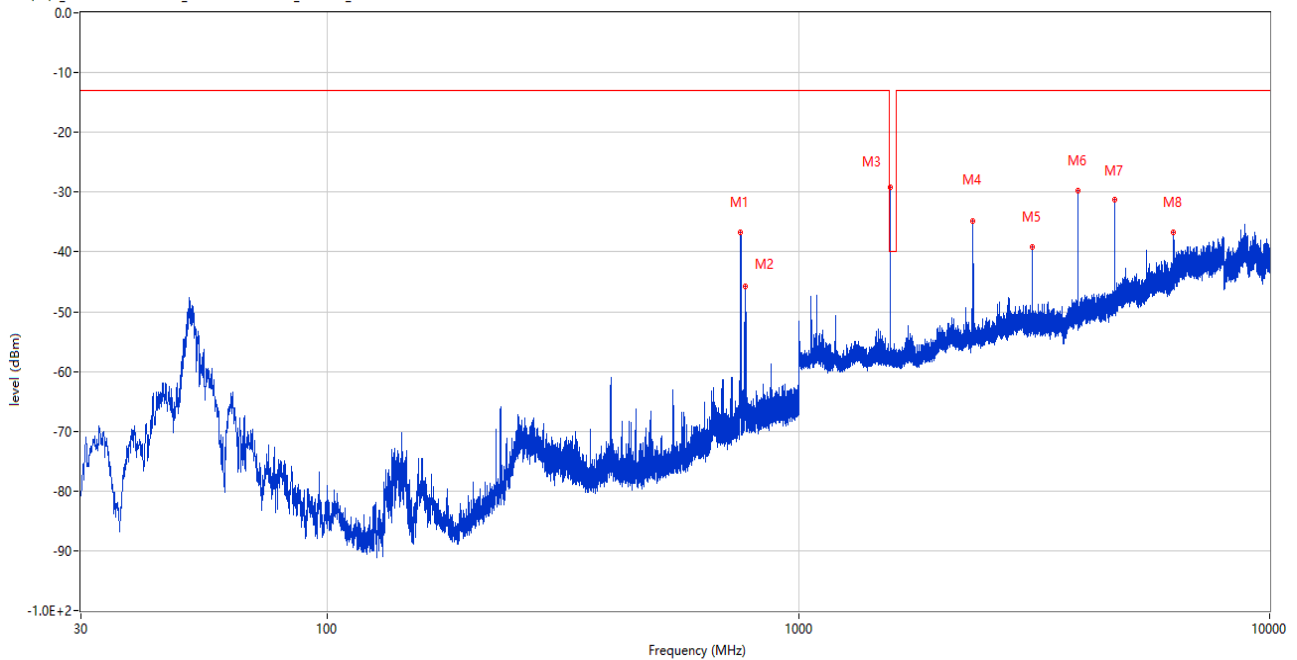
RSE (RF) _FCC PART22&24&27_LTE Band 13 & 14 _777-803_30MHz-10GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
755.511	-39.73	3.28	-13.0	26.73	11.00	Horizontal	Vertical	N/A
771.322	-49.46	5.20	-13.0	36.46	200.00	Horizontal	Vertical	N/A
1565.600	-43.08	-3.21	-40.0	3.08	188.00	Horizontal	Vertical	Pass
2345.300	-34.17	0.76	-13.0	21.17	334.00	Horizontal	Vertical	Pass
4694.750	-35.54	11.13	-13.0	22.54	334.00	Horizontal	Vertical	Pass
8841.500	-35.77	20.22	-13.0	22.77	360.00	Horizontal	Vertical	Pass

Band:LTE CAT-M B13 Channel:HIGH BW:5M

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

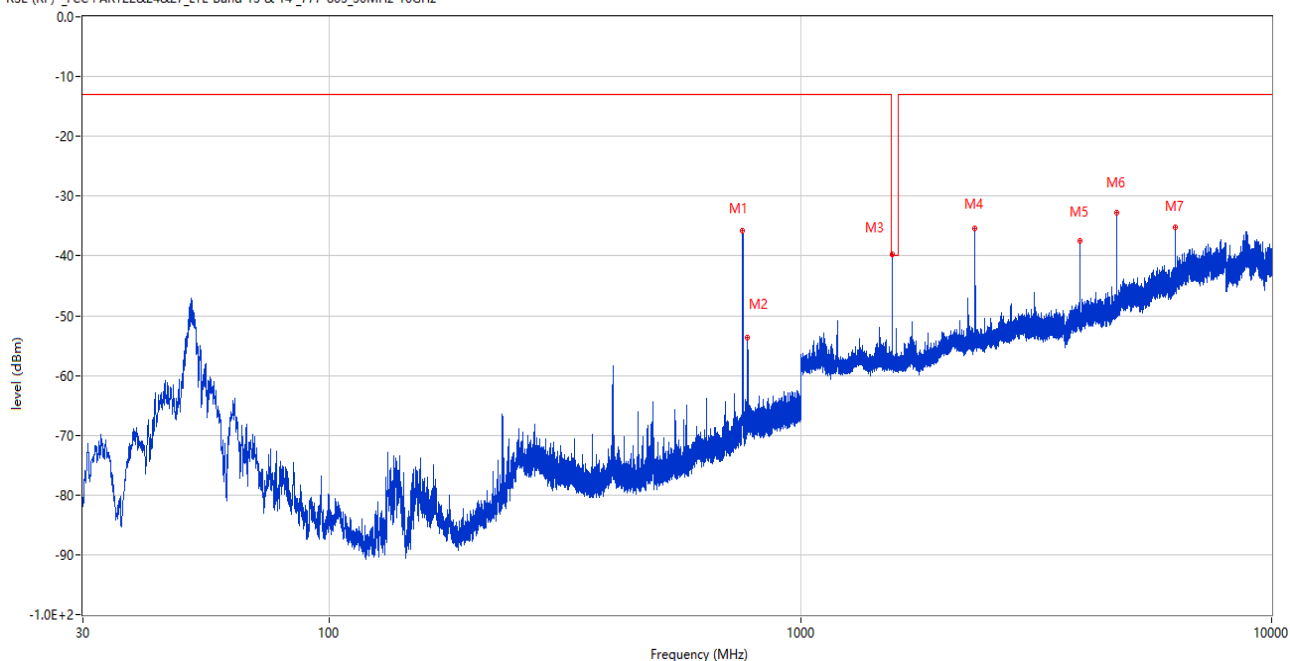


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
754.250	-36.73	3.33	-13.0	23.73	327.00	Vertical	Vertical	N/A
771.807	-45.82	5.45	-13.0	32.82	265.00	Vertical	Vertical	N/A
1565.700	-29.16	-3.22	-40.0	-10.84	76.00	Vertical	Vertical	N/A
1565.700*	-40.516	-3.22	-40.0	0.516	76.00	Vertical	Vertical	Pass
2347.900	-34.91	0.93	-13.0	21.91	360.00	Vertical	Vertical	Pass
3130.250	-39.16	6.98	-13.0	26.16	350.00	Vertical	Vertical	Pass
3912.500	-29.72	9.45	-13.0	16.72	91.00	Vertical	Vertical	Pass
4694.750	-31.30	11.13	-13.0	18.30	10.00	Vertical	Vertical	Pass
6259.250	-36.69	14.94	-13.0	23.69	334.00	Vertical	Vertical	Pass

Note: The initial sweep time from 1GHz to 3GHz was previously set to 200ms, which was insufficient for RMS detection. When there are frequency points out of standard or insufficient margin, the final scan time needs to be increased to determine its compliance

Band:LTE CAT-M B13 Channel:HIGH BW:5M

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



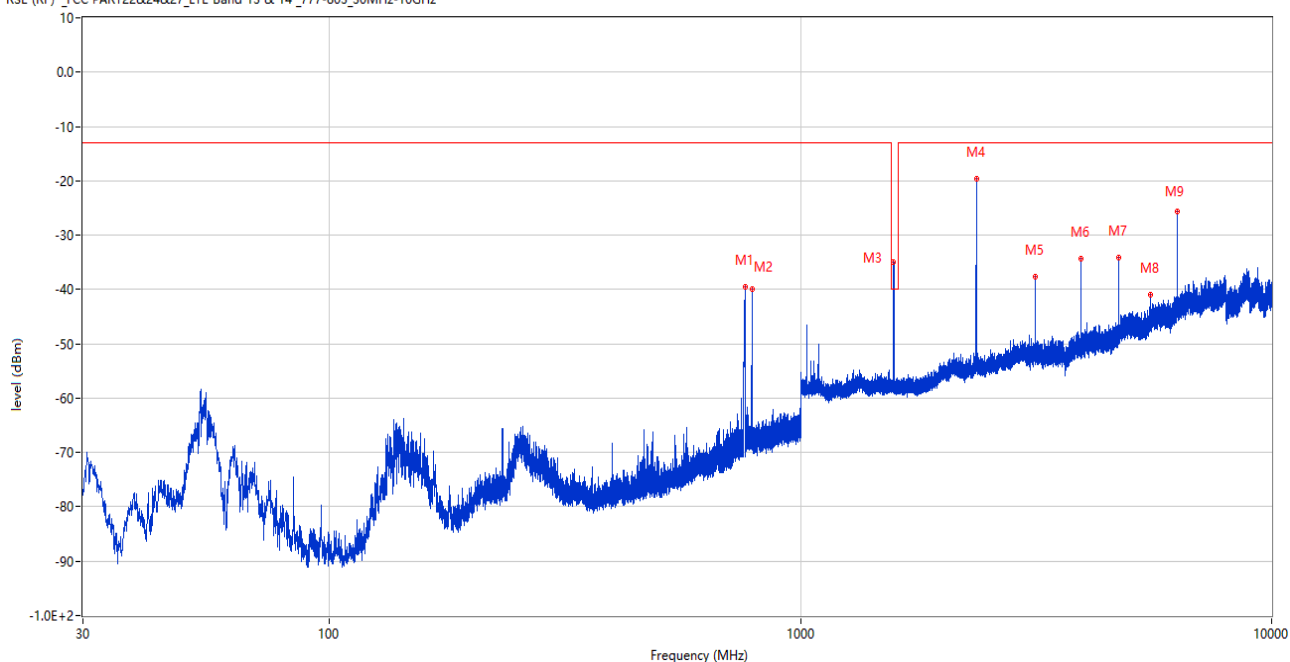
Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
753.038	-35.76	3.29	-13.0	22.76	147.00	Vertical	Horizontal	N/A
770.546	-53.61	4.83	-13.0	40.61	353.00	Vertical	Horizontal	N/A
1565.500	-39.81	-3.21	-40.0	-0.19	345.00	Vertical	Horizontal	N/A
1565.500*	-49.595	-3.21	-40.0	9.595	345.00	Vertical	Horizontal	Pass
2345.400	-35.42	0.76	-13.0	22.42	241.00	Vertical	Horizontal	Pass
3912.250	-37.49	9.47	-13.0	24.49	348.00	Vertical	Horizontal	Pass
4694.500	-32.73	11.13	-13.0	19.73	106.00	Vertical	Horizontal	Pass
6259.750	-35.15	14.96	-13.0	22.15	348.00	Vertical	Horizontal	Pass

Note: The initial sweep time from 1GHz to 3GHz was previously set to 200ms, which was insufficient for RMS detection. When there are frequency points out of standard or insufficient margin, the final scan time needs to be increased to determine its compliance

1.6 LTE-M1 Band 14

Band:LTE CAT-M B14 Channel:LOW BW:5M

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

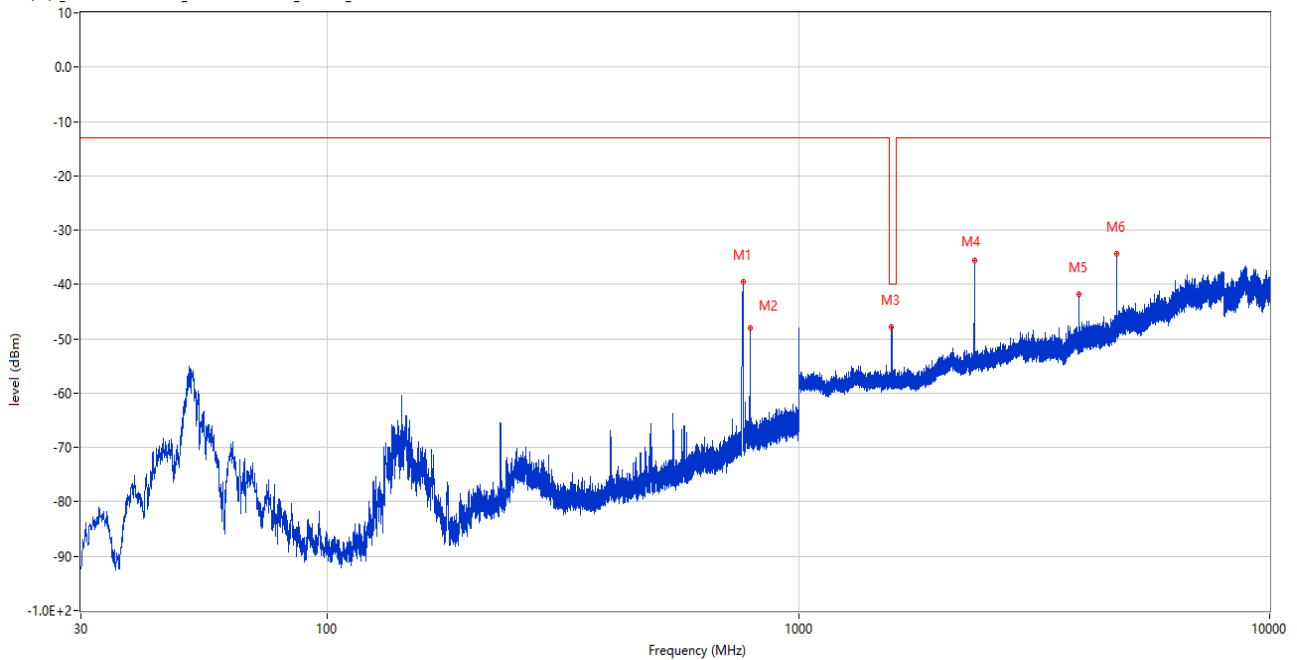


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
762.544	-39.56	3.77	-13.0	26.56	1.00	Horizontal	Horizontal	N/A
788.394	-39.88	5.84	-13.0	26.88	281.00	Horizontal	Horizontal	N/A
1577.600	-34.93	-3.46	-40.0	-5.07	321.00	Horizontal	Horizontal	N/A
1577.600*	-42.811	-3.46	-40.0	2.811	321.00	Horizontal	Horizontal	Pass
2363.700	-19.69	0.53	-13.0	6.69	106.00	Horizontal	Horizontal	Pass
3154.250	-37.58	6.01	-13.0	24.58	335.00	Horizontal	Horizontal	Pass
3942.250	-34.29	9.40	-13.0	21.29	173.00	Horizontal	Horizontal	Pass
4730.750	-34.22	11.04	-13.0	21.22	254.00	Horizontal	Horizontal	Pass
5518.750	-41.06	12.89	-13.0	28.06	0.00	Horizontal	Horizontal	Pass
6307.250	-25.55	15.72	-13.0	12.55	352.00	Horizontal	Horizontal	Pass

Note: The initial sweep time from 1GHz to 3GHz was previously set to 200ms, which was insufficient for RMS detection. When there are frequency points out of standard or insufficient margin, the final scan time needs to be increased to determine its compliance

Band:LTE CAT-M B14 Channel:LOW BW:5M

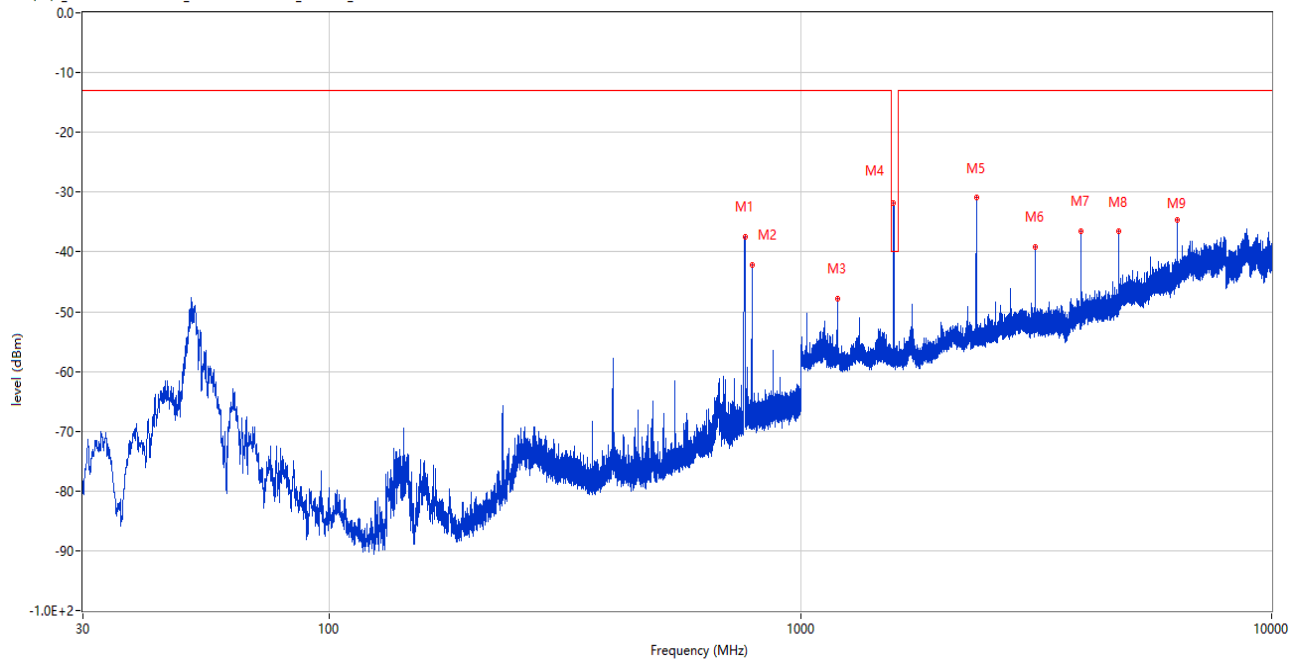
RSE (RF) _FCC PART22&24&27_LTE Band 13 & 14 _777-803_30MHz-10GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
762.593	-39.54	3.78	-13.0	26.54	20.00	Horizontal	Vertical	N/A
788.346	-47.92	5.85	-13.0	34.92	202.00	Horizontal	Vertical	N/A
1577.700	-47.78	-3.47	-40.0	7.78	88.00	Horizontal	Vertical	Pass
2365.900	-35.65	0.51	-13.0	22.65	223.00	Horizontal	Vertical	Pass
3942.500	-41.78	9.41	-13.0	28.78	124.00	Horizontal	Vertical	Pass
4730.750	-34.26	11.04	-13.0	21.26	253.00	Horizontal	Vertical	Pass

Band:LTE CAT-M B14 Channel:LOW BW:5M

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

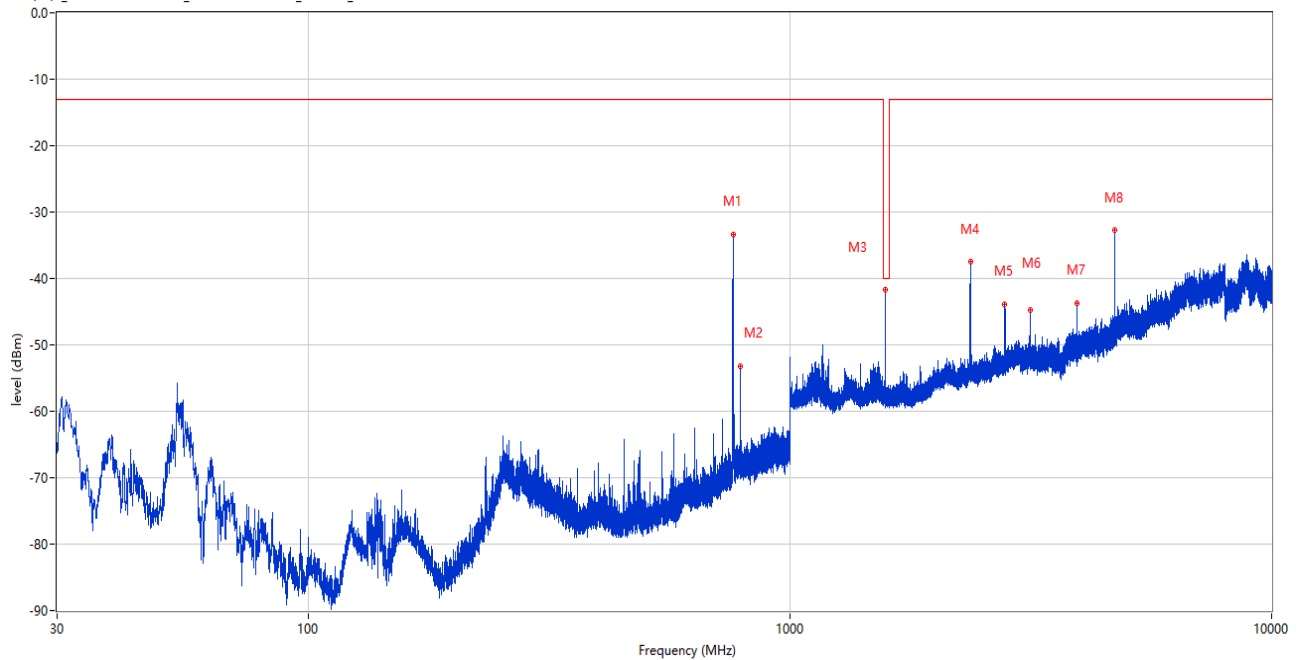


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
762.107	-37.44	3.66	-13.0	24.44	154.00	Vertical	Vertical	N/A
788.394	-42.18	5.84	-13.0	29.18	46.00	Vertical	Vertical	N/A
1198.500	-47.78	-3.67	-13.0	34.78	230.00	Vertical	Vertical	Pass
1577.600	-31.82	-3.46	-40.0	-8.18	54.00	Vertical	Vertical	N/A
1577.600*	-43.302	-3.46	-40.0	3.302	54.00	Vertical	Vertical	Pass
2363.000	-30.94	0.55	-13.0	17.94	95.00	Vertical	Vertical	Pass
3154.250	-39.17	6.01	-13.0	26.17	360.00	Vertical	Vertical	Pass
3942.000	-36.54	9.38	-13.0	23.54	90.00	Vertical	Vertical	Pass
4731.250	-36.56	11.04	-13.0	23.56	57.00	Vertical	Vertical	Pass
6307.000	-34.73	15.71	-13.0	21.73	90.00	Vertical	Vertical	Pass

Note: The initial sweep time from 1GHz to 3GHz was previously set to 200ms, which was insufficient for RMS detection. When there are frequency points out of standard or insufficient margin, the final scan time needs to be increased to determine its compliance

Band:LTE CAT-M B14 Channel:LOW BW:5M

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



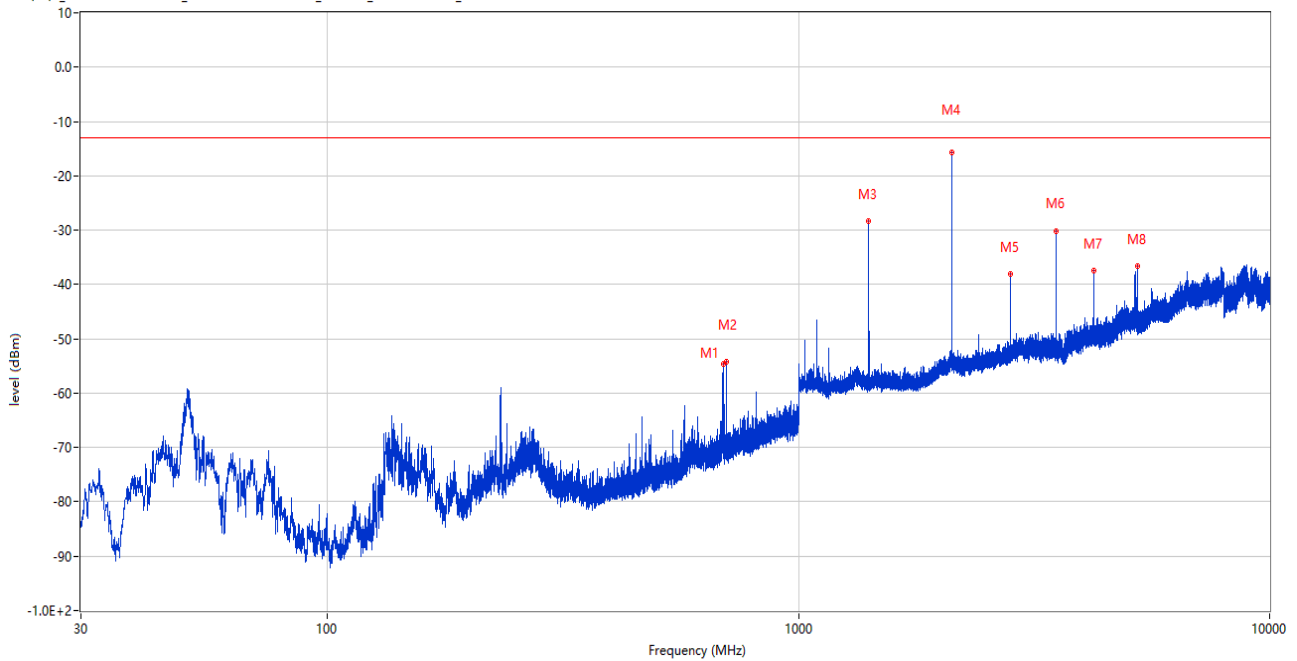
Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
762.593	-33.36	3.78	-13.0	20.36	338.00	Vertical	Horizontal	N/A
788.297	-53.30	5.85	-13.0	40.30	314.00	Vertical	Horizontal	N/A
1577.600	-41.68	-3.46	-40.0	1.68	9.00	Vertical	Horizontal	N/A
1577.600*	-53.262	-3.46	-40.0	13.262	9.00	Vertical	Horizontal	Pass
2365.900	-37.50	0.51	-13.0	24.50	9.00	Vertical	Horizontal	Pass
2791.600	-43.84	3.40	-13.0	30.84	168.00	Vertical	Horizontal	Pass
3154.000	-44.67	6.04	-13.0	31.67	350.00	Vertical	Horizontal	Pass
3942.750	-43.68	9.40	-13.0	30.68	58.00	Vertical	Horizontal	Pass
4730.750	-32.78	11.04	-13.0	19.78	91.00	Vertical	Horizontal	Pass

Note: The initial sweep time from 1GHz to 3GHz was previously set to 200ms, which was insufficient for RMS detection. When there are frequency points out of standard or insufficient margin, the final scan time needs to be increased to determine its compliance

1.7 LTE-M1 Band 17

Band:LTE CAT-M B17 Channel:LOW BW:5M

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

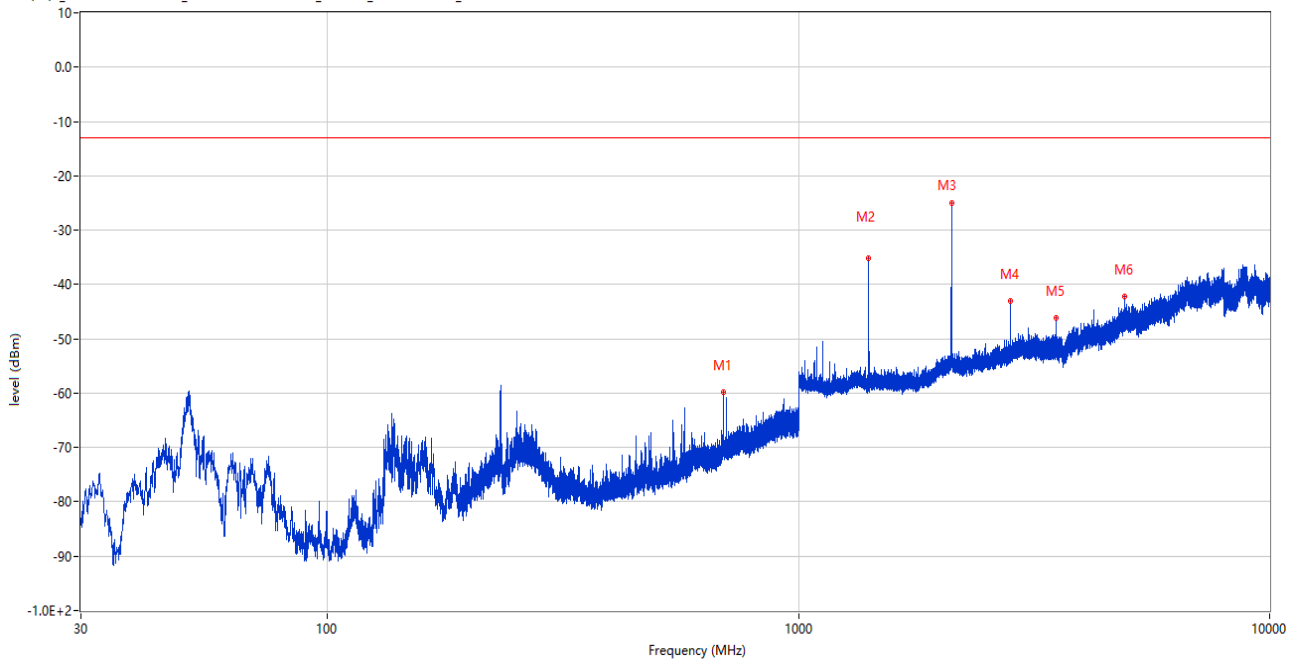


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
693.238	-54.70	2.99	-13.0	41.70	35.00	Horizontal	Horizontal	N/A
704.295	-54.14	3.30	-13.0	41.14	47.00	Horizontal	Horizontal	N/A
1409.600	-28.32	-3.37	-13.0	15.32	143.00	Horizontal	Horizontal	Pass
2113.900	-15.64	0.19	-13.0	2.64	105.00	Horizontal	Horizontal	N/A
2113.900*	-20.202	0.19	-13.0	7.202	105.00	Horizontal	Horizontal	Pass
2818.500	-38.11	3.38	-13.0	25.11	311.00	Horizontal	Horizontal	Pass
3522.250	-30.11	6.63	-13.0	17.11	319.00	Horizontal	Horizontal	Pass
4226.500	-37.41	10.35	-13.0	24.41	111.00	Horizontal	Horizontal	Pass
5235.500	-36.69	12.21	-13.0	23.69	1.00	Horizontal	Horizontal	Pass

Note: The initial sweep time from 1GHz to 3GHz was previously set to 200ms, which was insufficient for RMS detection. When there are frequency points out of standard or insufficient margin, the final scan time needs to be increased to determine its compliance

Band:LTE CAT-M B17 Channel:LOW BW:5M

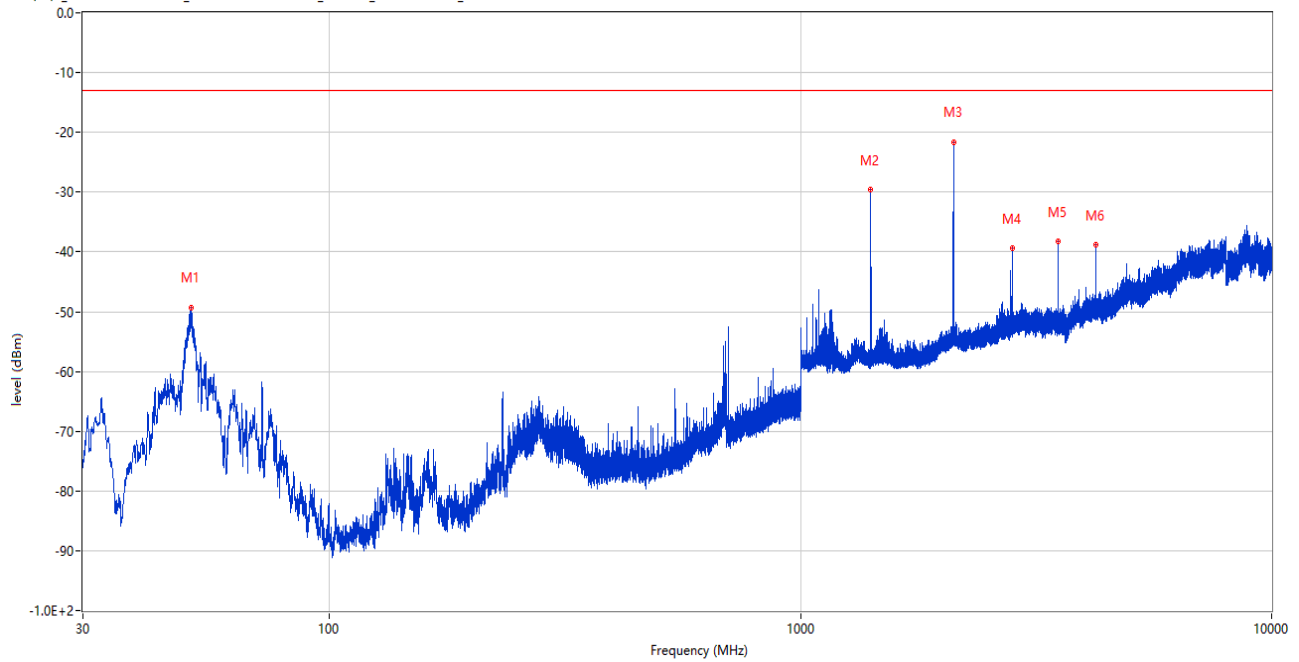
RSE (RF) _FCC PART22&24&27_LTE B12 & B17 & B28 _699-748_30MHz-10GHz_



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
693.722	-59.82	3.00	-13.0	46.82	219.00	Horizontal	Vertical	N/A
1409.500	-35.07	-3.37	-13.0	22.07	134.00	Horizontal	Vertical	Pass
2113.900	-25.05	0.19	-13.0	12.05	347.00	Horizontal	Vertical	Pass
2818.100	-43.13	3.39	-13.0	30.13	96.00	Horizontal	Vertical	Pass
3522.500	-46.22	6.62	-13.0	33.22	107.00	Horizontal	Vertical	Pass
4931.250	-42.26	12.94	-13.0	29.26	155.00	Horizontal	Vertical	Pass

Band:LTE CAT-M B17 Channel:LOW BW:5M

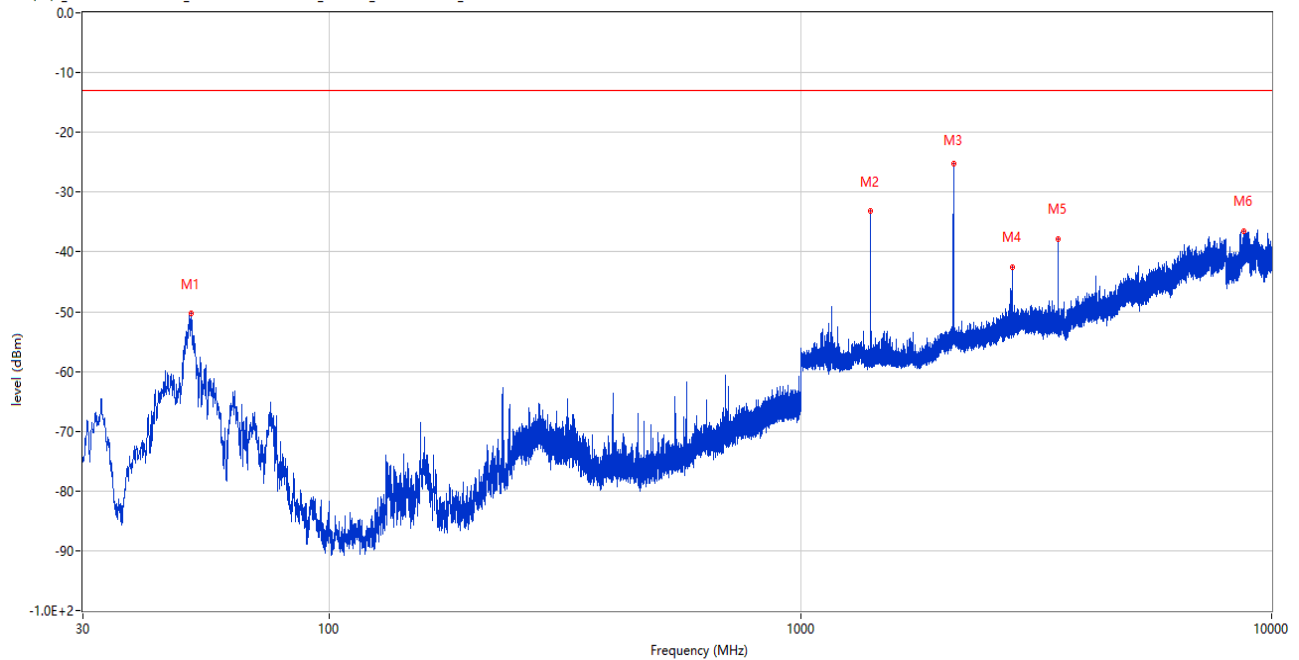
RSE (RF) _FCC PART22&24&27_LTE B12 & B17 & B28 _699-748_30MHz-10GHz_



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
50.952	-49.27	-16.44	-13.0	36.27	141.00	Vertical	Vertical	Pass
1409.500	-29.64	-3.37	-13.0	16.64	255.00	Vertical	Vertical	Pass
2113.900	-21.63	0.19	-13.0	8.63	59.00	Vertical	Vertical	Pass
2818.400	-39.42	3.38	-13.0	26.42	126.00	Vertical	Vertical	Pass
3522.500	-38.24	6.62	-13.0	25.24	123.00	Vertical	Vertical	Pass
4226.500	-38.86	10.35	-13.0	25.86	333.00	Vertical	Vertical	Pass

Band:LTE CAT-M B17 Channel:LOW BW:5M

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

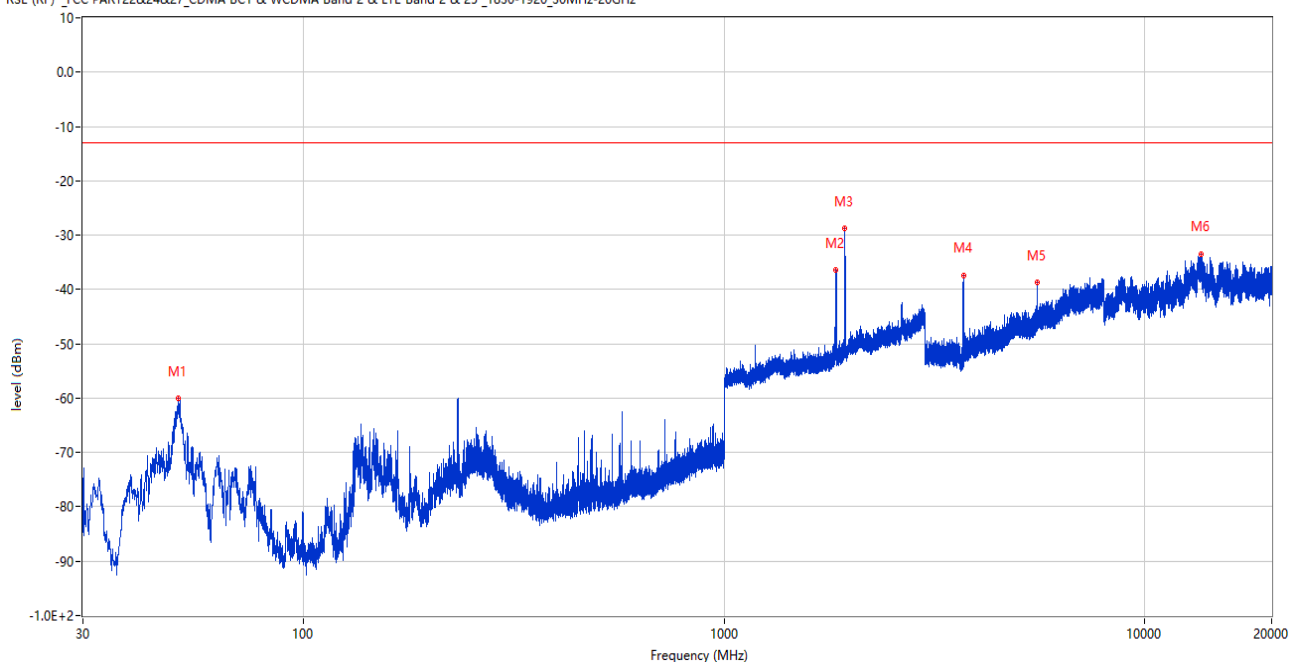


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
50.952	-50.34	-16.44	-13.0	37.34	140.00	Vertical	Horizontal	Pass
1409.600	-33.16	-3.37	-13.0	20.16	199.00	Vertical	Horizontal	Pass
2113.900	-25.21	0.19	-13.0	12.21	246.00	Vertical	Horizontal	Pass
2818.200	-42.53	3.39	-13.0	29.53	208.00	Vertical	Horizontal	Pass
3522.000	-37.83	6.64	-13.0	24.83	0.00	Vertical	Horizontal	Pass
8724.100	-36.46	19.14	-13.0	23.46	126.00	Vertical	Horizontal	Pass

1.8 LTE-M1 Band 25

Band:LTE CAT-M B25 Channel:LOW BW:15M

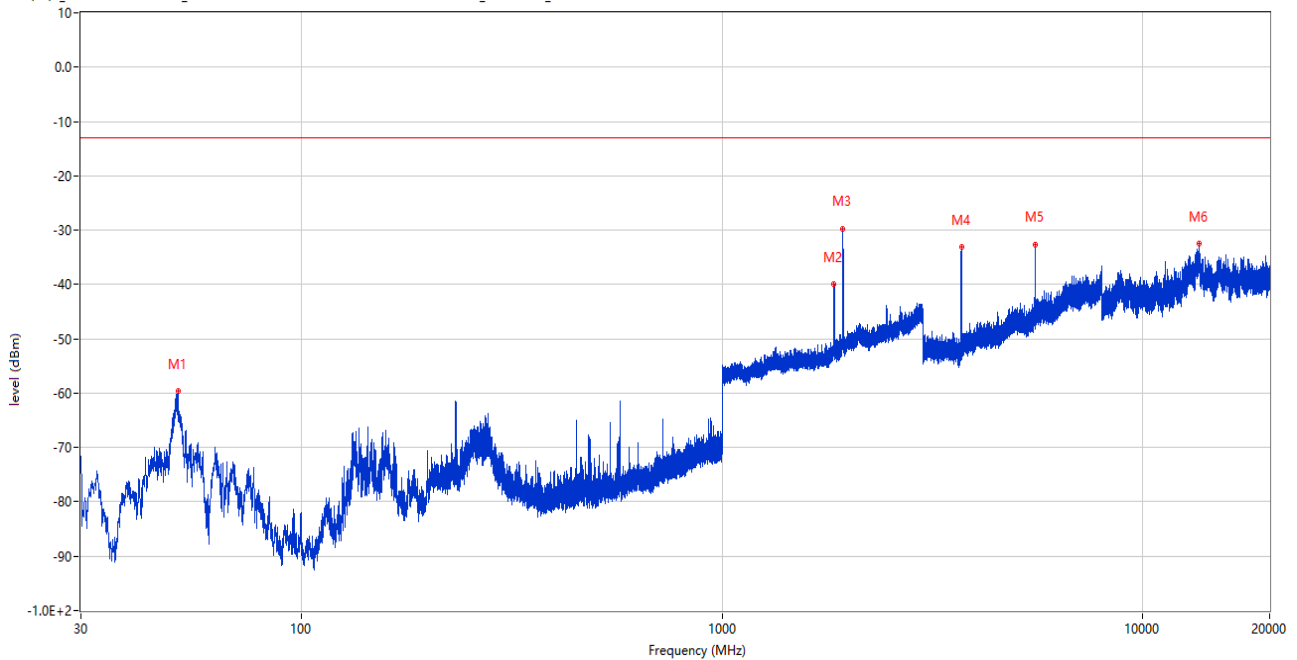
RSE (RF) _FCC PART22&24&27_CDMA BC1 & WCDMA Band 2 & LTE Band 2 & 25 _1830-1920_30MHz-20GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
50.612	-60.03	-17.31	-13.0	47.03	323.00	Horizontal	Horizontal	Pass
1843.400	-36.39	2.44	-13.0	23.39	115.00	Horizontal	Horizontal	N/A
1936.100	-28.84	3.27	-13.0	15.84	96.00	Horizontal	Horizontal	N/A
3703.000	-37.36	7.47	-13.0	24.36	29.00	Horizontal	Horizontal	Pass
5554.000	-38.76	13.19	-13.0	25.76	189.00	Horizontal	Horizontal	Pass
13627.612	-33.40	24.85	-13.0	20.40	165.00	Horizontal	Horizontal	Pass

Band:LTE CAT-M B25 Channel:LOW BW:15M

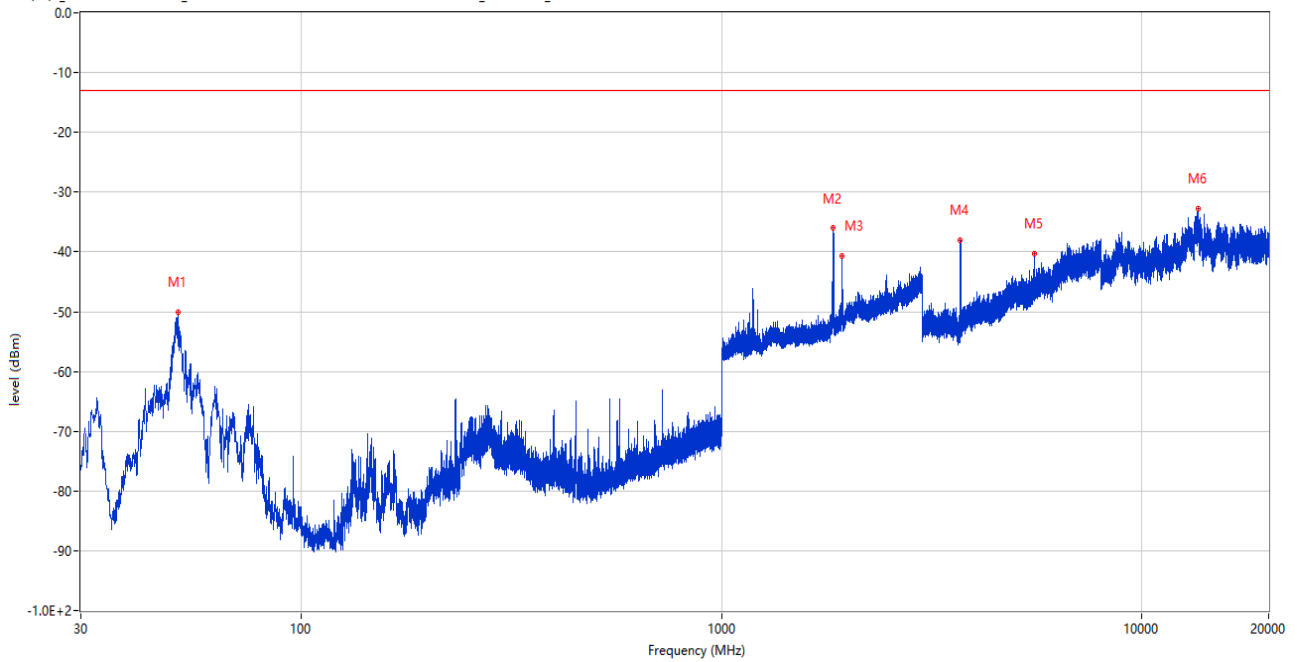
RSE (RF) _FCC PART22&24&27_CDMA BC1 & WCDMA Band 2 & LTE Band 2 & 25 _1830-1920_30MHz-20GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
50.952	-59.69	-17.41	-13.0	46.69	165.00	Horizontal	Vertical	Pass
1843.100	-40.02	2.43	-13.0	27.02	120.00	Horizontal	Vertical	N/A
1935.900	-29.68	3.24	-13.0	16.68	91.00	Horizontal	Vertical	N/A
3703.000	-33.05	7.47	-13.0	20.05	122.00	Horizontal	Vertical	Pass
5553.750	-32.60	13.17	-13.0	19.60	155.00	Horizontal	Vertical	Pass
13593.175	-32.43	24.92	-13.0	19.43	196.00	Horizontal	Vertical	Pass

Band:LTE CAT-M B25 Channel:LOW BW:15M

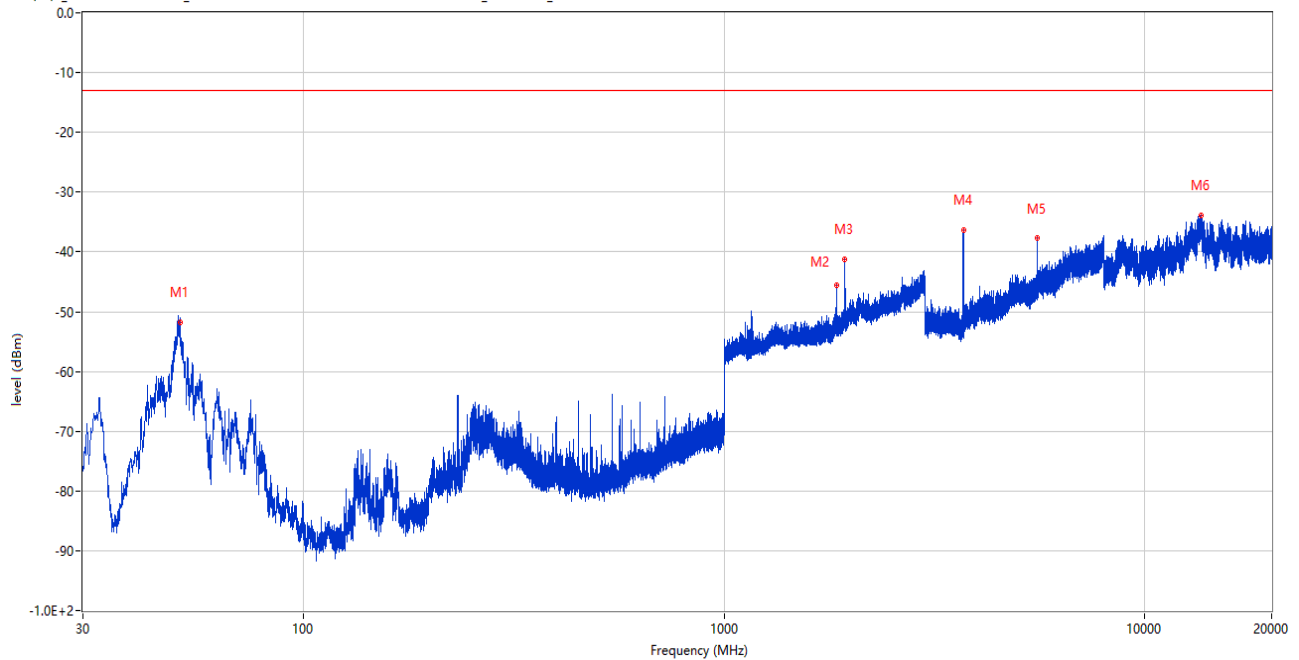
RSE (RF) _FCC PART22&24&27_CDMA BC1 & WCDMA Band 2 & LTE Band 2 & 25 _1830-1920_30MHz-20GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
50.952	-50.07	-17.41	-13.0	37.07	115.00	Vertical	Vertical	Pass
1843.300	-36.03	2.44	-13.0	23.03	0.00	Vertical	Vertical	N/A
1935.200	-40.76	3.17	-13.0	27.76	343.00	Vertical	Vertical	N/A
3702.500	-39.90	7.50	-13.0	26.90	61.00	Vertical	Vertical	Pass
5553.750	-40.28	13.17	-13.0	27.28	77.00	Vertical	Vertical	Pass
13571.425	-32.73	25.07	-13.0	19.73	188.00	Vertical	Vertical	Pass

Band:LTE CAT-M B25 Channel:LOW BW:15M

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

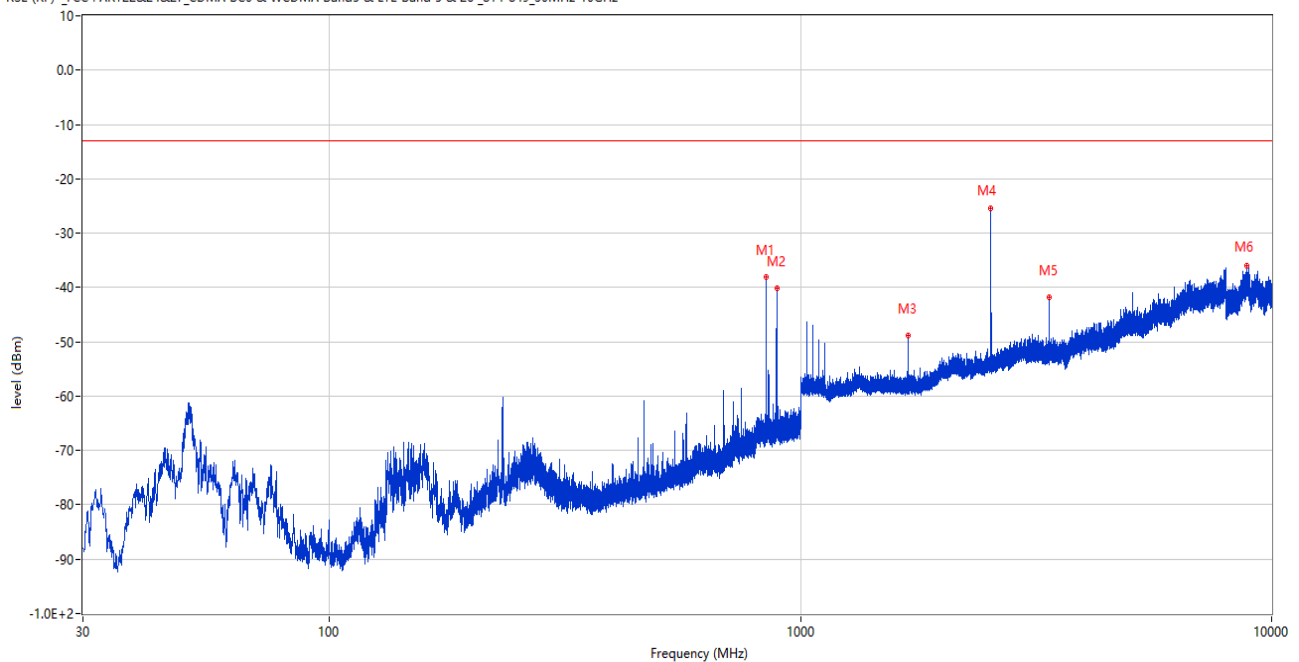


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
51.001	-51.77	-17.42	-13.0	38.77	198.00	Vertical	Horizontal	Pass
1851.800	-45.65	2.55	-13.0	32.65	201.00	Vertical	Horizontal	N/A
1935.600	-41.22	3.20	-13.0	28.22	55.00	Vertical	Horizontal	N/A
3702.750	-36.31	7.48	-13.0	23.31	360.00	Vertical	Horizontal	Pass
5553.750	-37.69	13.17	-13.0	24.69	73.00	Vertical	Horizontal	Pass
13592.813	-33.84	24.92	-13.0	20.84	16.00	Vertical	Horizontal	Pass

1.9 LTE-M1 Band 26 (Part22)

Band:LTE CAT-M B26 Channel:HIGH BW:5M

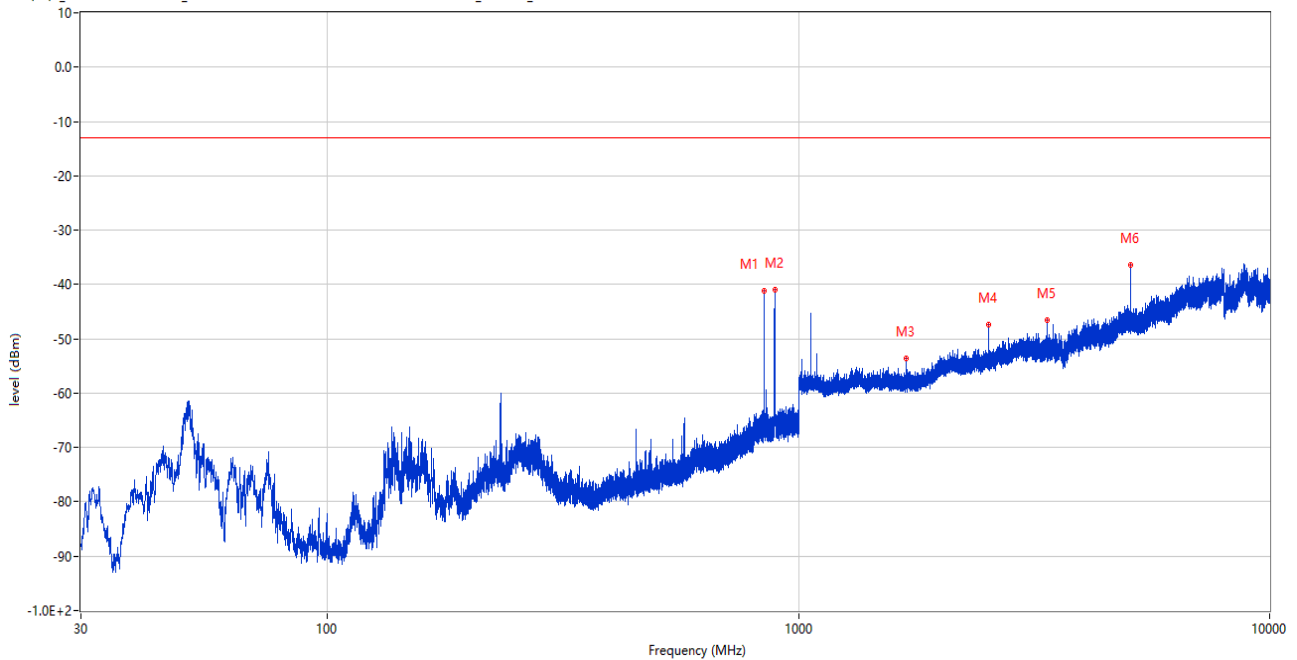
RSE (RF) _FCC PART22&24&27_CDMA BC0 & WCDMA Band5 & LTE Band 5 & 26 _814-849_30MHz-10GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
844.364	-38.12	7.25	-13.0	25.12	203.00	Horizontal	Horizontal	N/A
893.494	-40.19	6.93	-13.0	27.19	103.00	Horizontal	Horizontal	N/A
1689.700	-48.87	-3.58	-13.0	35.87	116.00	Horizontal	Horizontal	Pass
2530.600	-25.50	1.07	-13.0	12.50	135.00	Horizontal	Horizontal	Pass
3378.000	-41.89	6.75	-13.0	28.89	360.00	Horizontal	Horizontal	Pass
8853.401	-35.93	20.32	-13.0	22.93	1.00	Horizontal	Horizontal	Pass

Band:LTE CAT-M B26 Channel:HIGH BW:5M

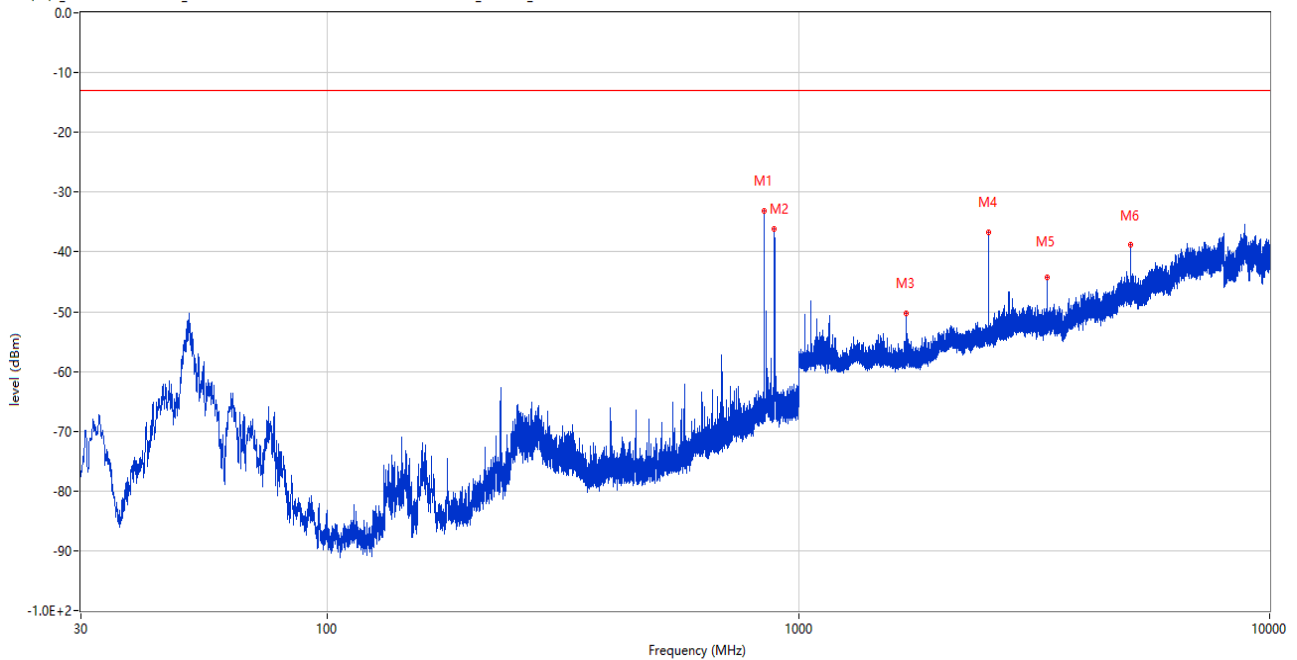
RSE (RF) _FCC PART22&24&27_CDMA BC0 & WCDMA Band5 & LTE Band 5 & 26 _814-849_30MHz-10GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
844.364	-41.14	7.25	-13.0	28.14	13.00	Horizontal	Vertical	N/A
893.446	-40.92	6.93	-13.0	27.92	112.00	Horizontal	Vertical	N/A
1689.700	-53.62	-3.58	-13.0	40.62	163.00	Horizontal	Vertical	Pass
2533.700	-47.36	1.27	-13.0	34.36	322.00	Horizontal	Vertical	Pass
3378.000	-46.57	6.75	-13.0	33.57	139.00	Horizontal	Vertical	Pass
5066.500	-36.42	12.08	-13.0	23.42	123.00	Horizontal	Vertical	Pass

Band:LTE CAT-M B26 Channel:HIGH BW:5M

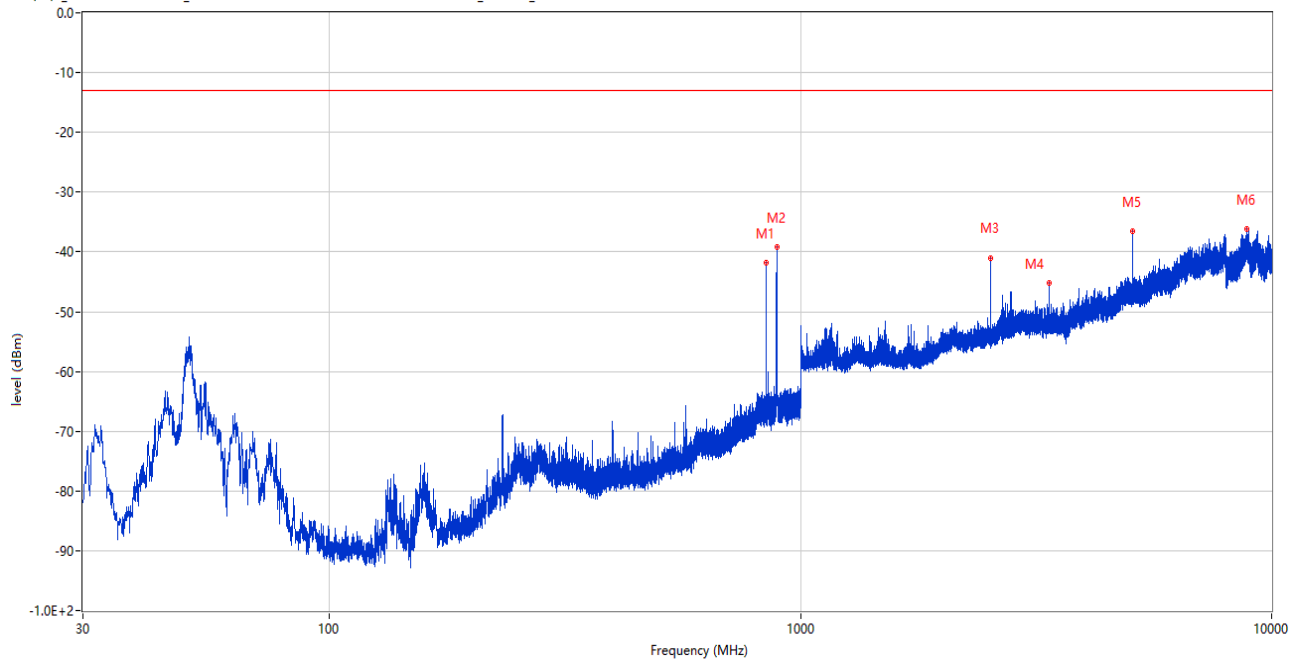
RSE (RF) _FCC PART22&24&27_CDMA BC0 & WCDMA Band5 & LTE Band 5 & 26 _814-849_30MHz-10GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
844.315	-33.12	7.25	-13.0	20.12	137.00	Vertical	Vertical	N/A
889.808	-36.25	7.03	-13.0	23.25	237.00	Vertical	Vertical	N/A
1689.500	-50.25	-3.60	-13.0	37.25	201.00	Vertical	Vertical	Pass
2536.800	-36.81	1.34	-13.0	23.81	228.00	Vertical	Vertical	Pass
3377.750	-44.28	6.76	-13.0	31.28	123.00	Vertical	Vertical	Pass
5066.750	-38.84	12.08	-13.0	25.84	299.00	Vertical	Vertical	Pass

Band:LTE CAT-M B26 Channel:HIGH BW:5M

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

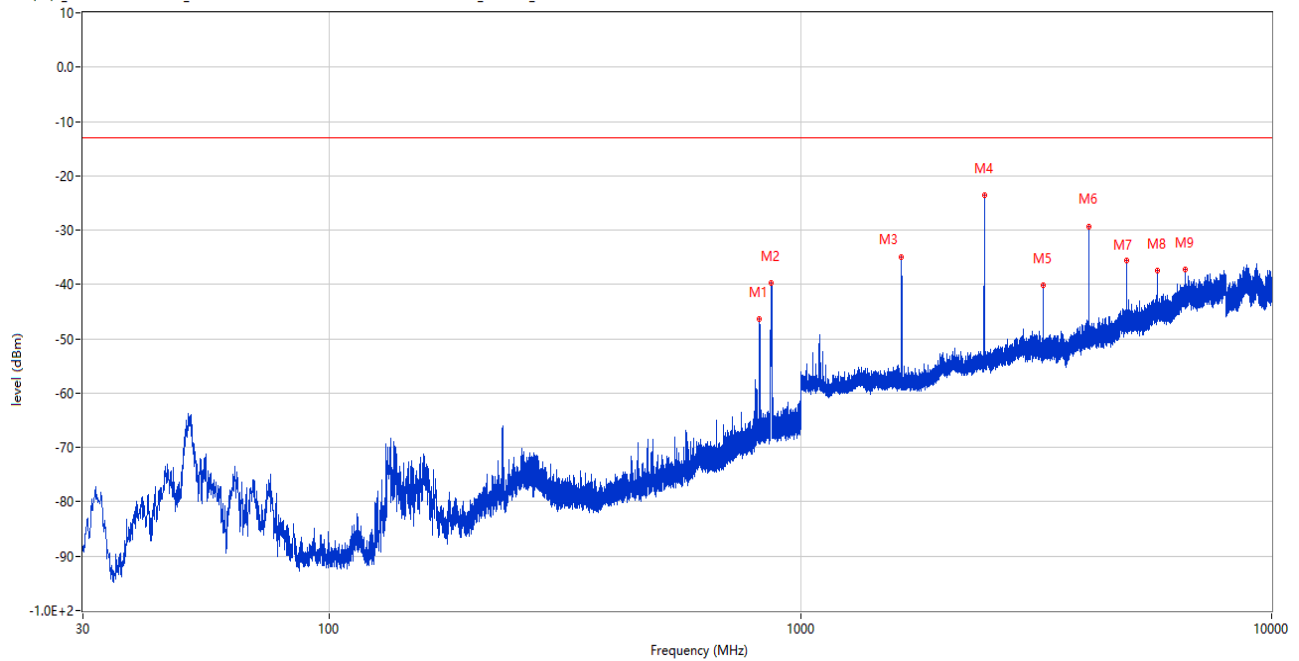


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
844.412	-41.72	7.25	-13.0	28.72	182.00	Vertical	Horizontal	N/A
893.640	-39.25	6.91	-13.0	26.25	353.00	Vertical	Horizontal	N/A
2534.200	-41.00	1.30	-13.0	28.00	199.00	Vertical	Horizontal	Pass
3377.750	-45.16	6.76	-13.0	32.16	301.00	Vertical	Horizontal	Pass
5066.750	-36.53	12.08	-13.0	23.53	301.00	Vertical	Horizontal	Pass
8859.600	-36.24	20.24	-13.0	23.24	107.00	Vertical	Horizontal	Pass

1.10 LTE-M1 Band 26 (Part90)

Band:LTE CAT-M B26 Channel:HIGH BW:5M

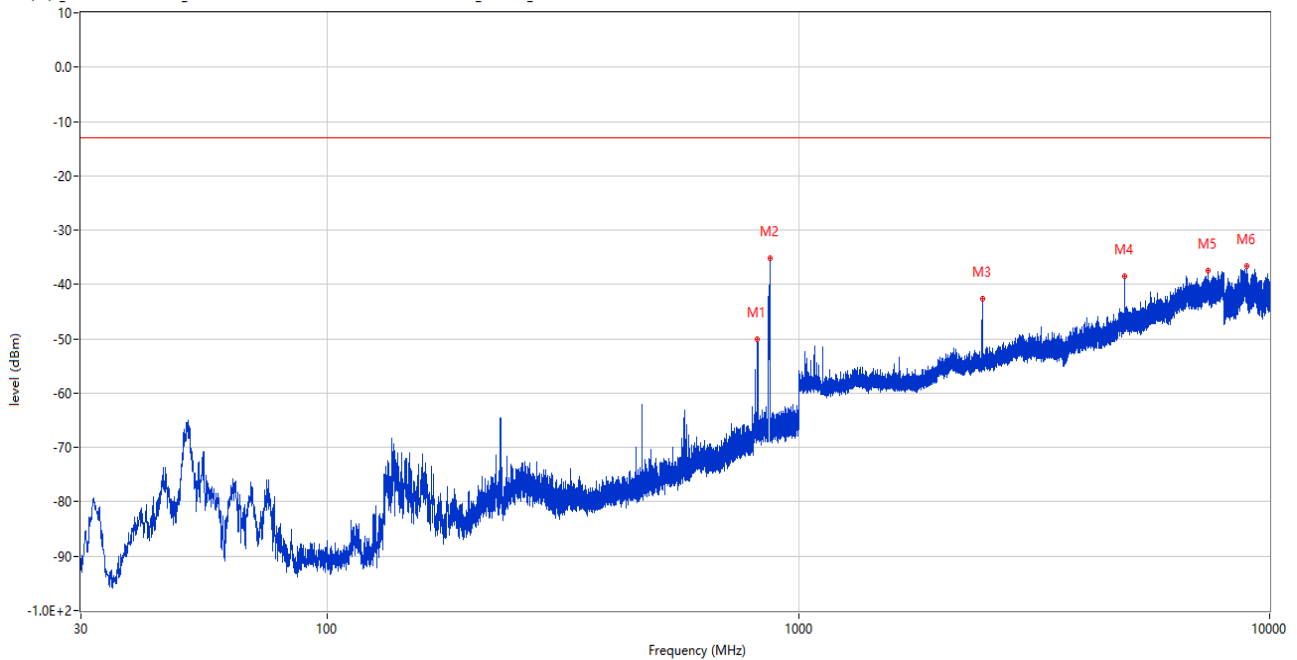
RSE (RF) _FCC PART22&24&27_CDMA BC0 & WCDMA Band5 & LTE Band 5 & 26 _814-849_30MHz-10GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
819.338	-46.30	6.83	-13.0	33.30	360.00	Horizontal	Horizontal	N/A
867.789	-39.67	6.27	-13.0	26.67	165.00	Horizontal	Horizontal	N/A
1639.600	-34.94	-3.66	-13.0	21.94	273.00	Horizontal	Horizontal	Pass
2458.900	-23.56	0.44	-13.0	10.56	330.00	Horizontal	Horizontal	Pass
3278.000	-40.12	5.92	-13.0	27.12	58.00	Horizontal	Horizontal	Pass
4097.500	-29.27	9.97	-13.0	16.27	136.00	Horizontal	Horizontal	Pass
4916.750	-35.57	13.20	-13.0	22.57	136.00	Horizontal	Horizontal	Pass
5736.000	-37.47	13.90	-13.0	24.47	346.00	Horizontal	Horizontal	Pass
6555.250	-37.29	15.76	-13.0	24.29	346.00	Horizontal	Horizontal	Pass

Band:LTE CAT-M B26 Channel:HIGH BW:5M

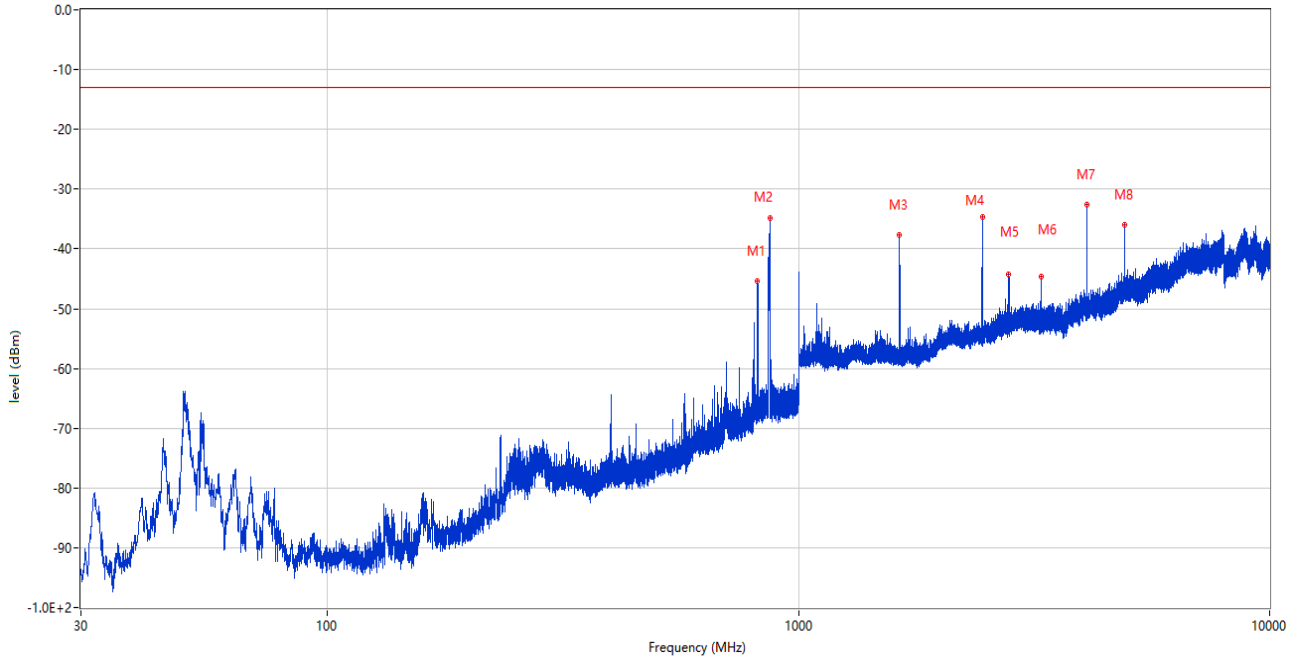
RSE (RF) _FCC PART22&24&27_CDMA BC0 & WCDMA Band5 & LTE Band 5 & 26 _814-849_30MHz-10GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
819.289	-50.09	6.83	-13.0	37.09	12.00	Horizontal	Vertical	N/A
868.662	-35.19	6.30	-13.0	22.19	31.00	Horizontal	Vertical	N/A
2459.000	-42.71	0.44	-13.0	29.71	154.00	Horizontal	Vertical	Pass
4916.750	-38.47	13.20	-13.0	25.47	155.00	Horizontal	Vertical	Pass
7391.500	-37.42	17.65	-13.0	24.42	41.00	Horizontal	Vertical	Pass
8922.299	-36.69	19.61	-13.0	23.69	300.00	Horizontal	Vertical	Pass

Band:LTE CAT-M B26 Channel:HIGH BW:5M

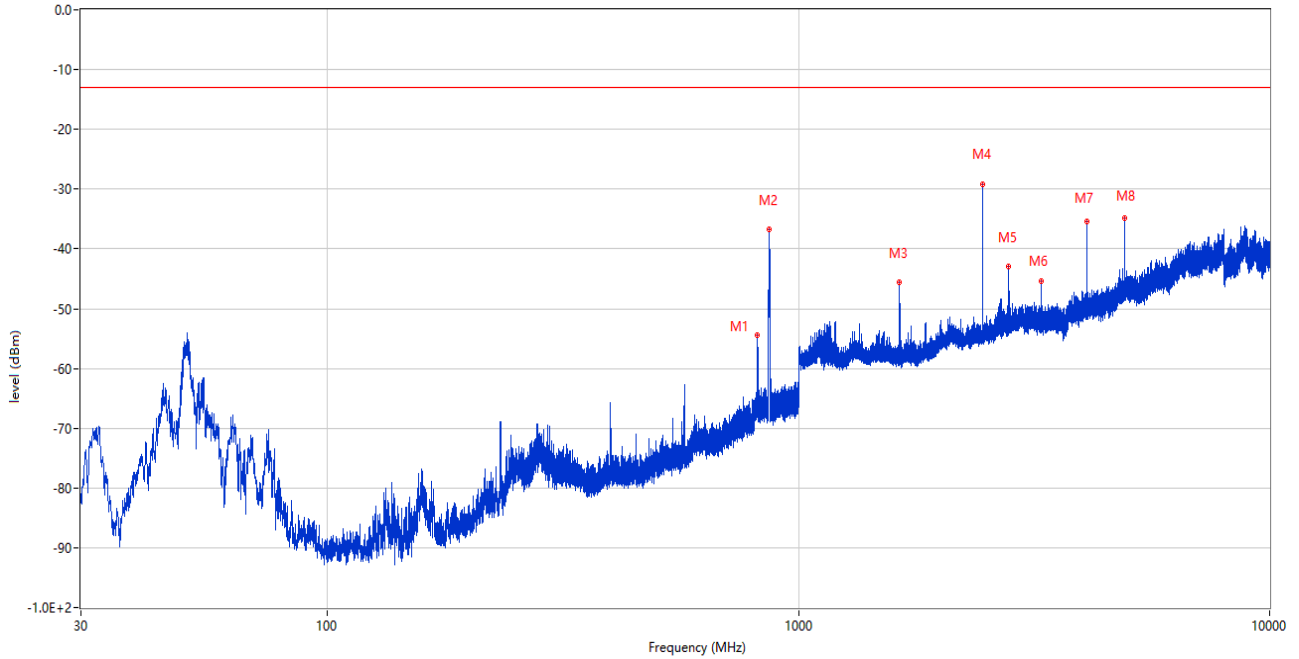
RSE (RF) _FCC PART22&24&27_CDMA BC0 & WCDMA Band5 & LTE Band 5 & 26 _814-849_30MHz-10GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
819.338	-45.31	6.83	-13.0	32.31	139.00	Vertical	Vertical	N/A
868.614	-34.75	6.30	-13.0	21.75	289.00	Vertical	Vertical	N/A
1639.500	-37.67	-3.68	-13.0	24.67	25.00	Vertical	Vertical	Pass
2459.000	-34.71	0.44	-13.0	21.71	145.00	Vertical	Vertical	Pass
2796.700	-44.24	3.56	-13.0	31.24	44.00	Vertical	Vertical	Pass
3277.750	-44.70	5.91	-13.0	31.70	61.00	Vertical	Vertical	Pass
4097.500	-32.50	9.97	-13.0	19.50	360.00	Vertical	Vertical	Pass
4916.750	-35.92	13.20	-13.0	22.92	109.00	Vertical	Vertical	Pass

Band:LTE CAT-M B26 Channel:HIGH BW:5M

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

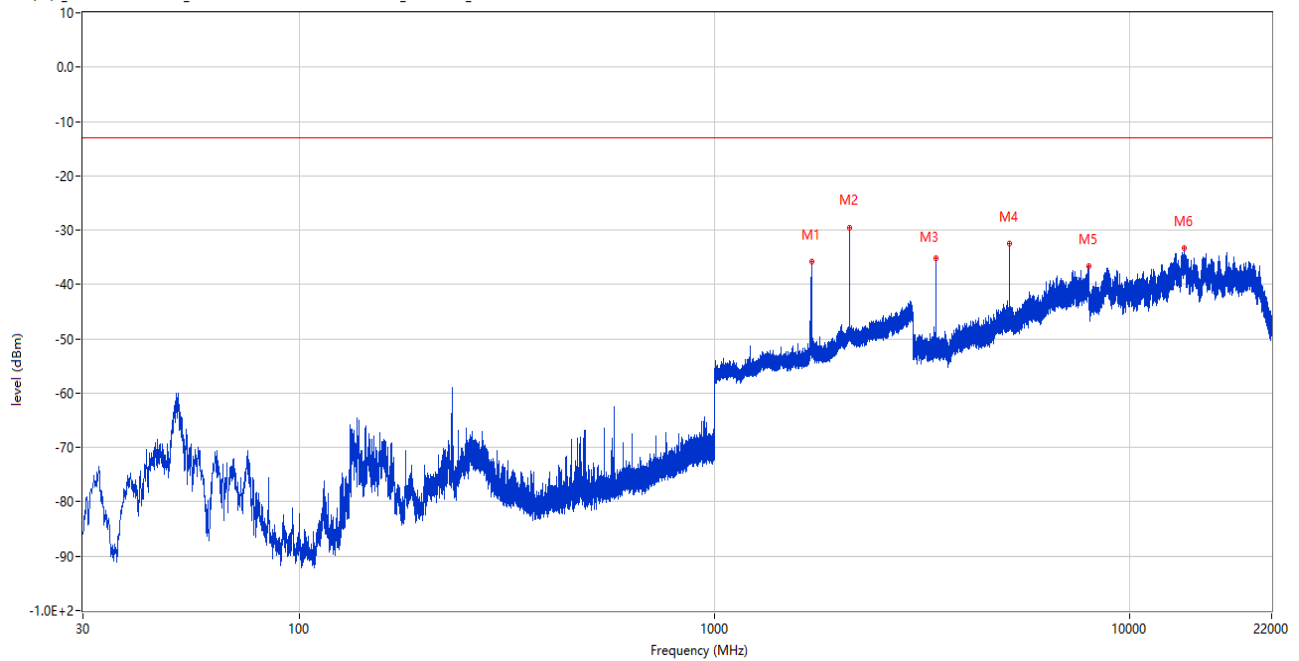


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
819.338	-54.37	6.83	-13.0	41.37	150.00	Vertical	Horizontal	N/A
867.740	-36.75	6.26	-13.0	23.75	309.00	Vertical	Horizontal	N/A
1639.500	-45.62	-3.68	-13.0	32.62	12.00	Vertical	Horizontal	Pass
2459.100	-29.17	0.44	-13.0	16.17	199.00	Vertical	Horizontal	Pass
2792.200	-42.99	3.36	-13.0	29.99	180.00	Vertical	Horizontal	Pass
3278.000	-45.41	5.92	-13.0	32.41	10.00	Vertical	Horizontal	Pass
4097.250	-35.33	9.94	-13.0	22.33	155.00	Vertical	Horizontal	Pass
4916.500	-34.82	13.19	-13.0	21.82	92.00	Vertical	Horizontal	Pass

1.11 LTE-M1 Band 66

Band:LTE CAT-M B66 Channel:LOW BW:5M

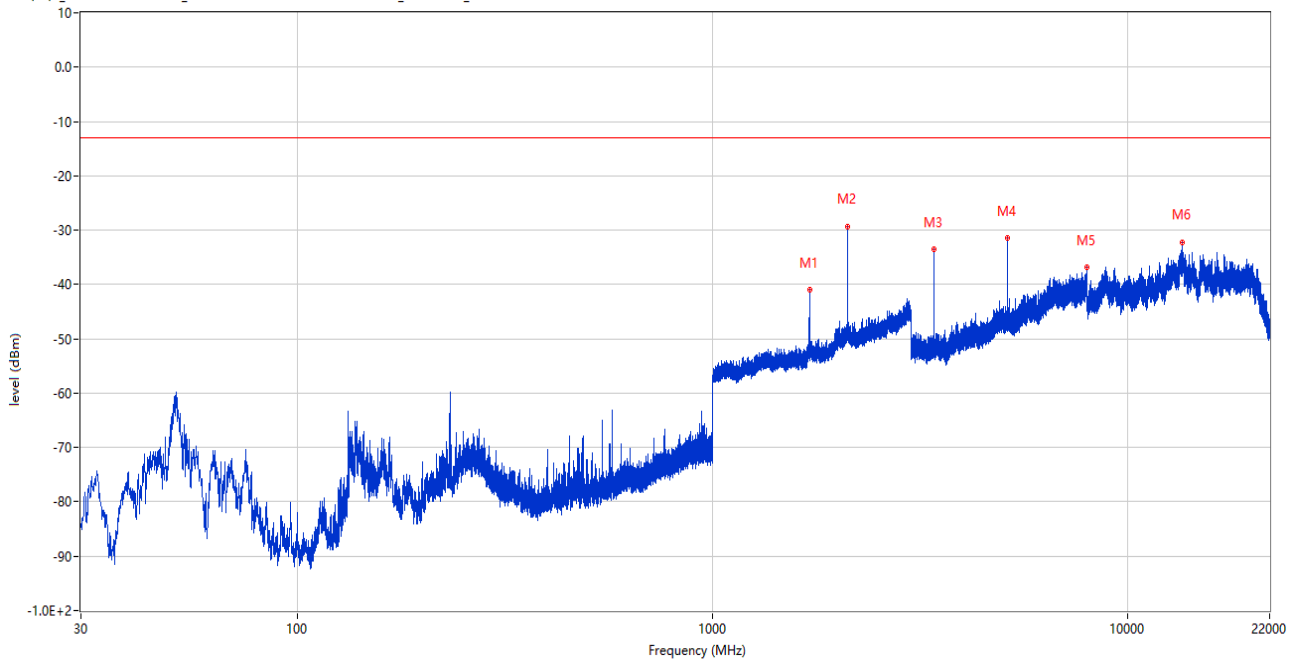
RSE (RF) _FCC PART22&24&27_WCDMA Band 4 & LTE Band 4 & 66 _1710-1785_30MHz-20GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
1711.200	-35.79	2.67	-13.0	22.79	118.00	Horizontal	Horizontal	N/A
2115.800	-29.49	5.50	-13.0	16.49	228.00	Horizontal	Horizontal	N/A
3421.250	-35.23	6.89	-13.0	22.23	90.00	Horizontal	Horizontal	Pass
5131.750	-32.42	12.19	-13.0	19.42	360.00	Horizontal	Horizontal	Pass
7997.250	-36.67	18.86	-13.0	23.67	299.00	Horizontal	Horizontal	Pass
13574.175	-33.23	25.05	-13.0	20.23	0.00	Horizontal	Horizontal	Pass

Band:LTE CAT-M B66 Channel:LOW BW:5M

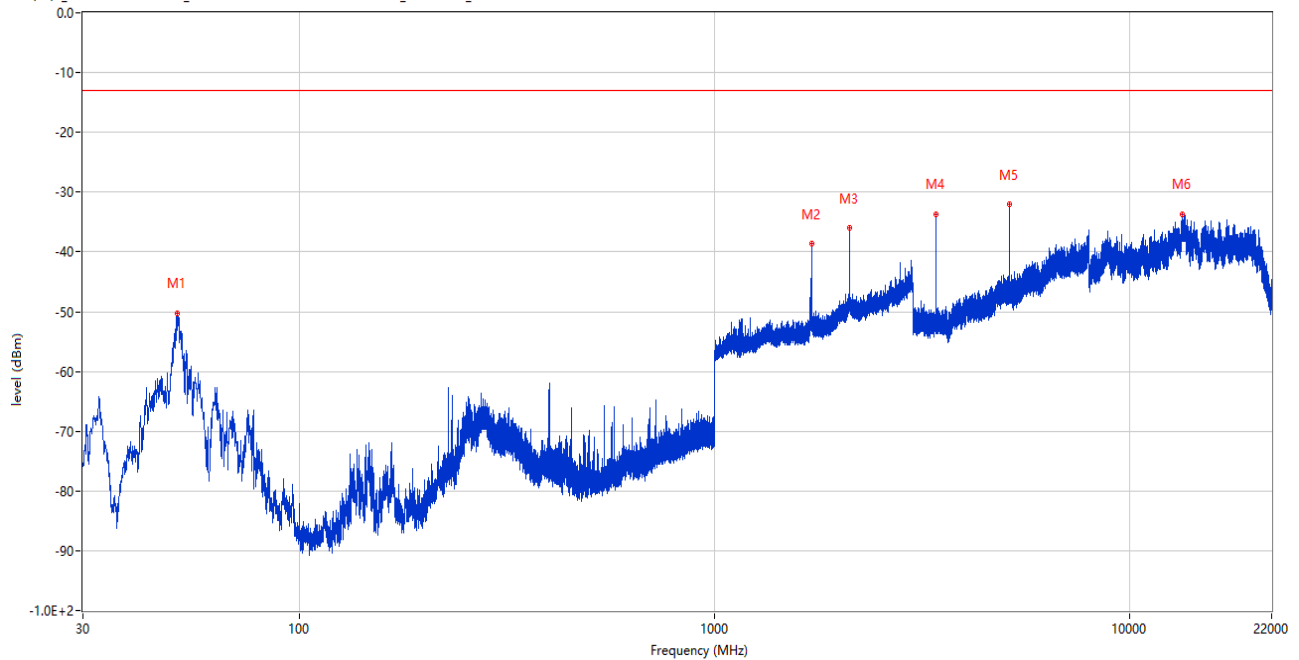
RSE (RF) _FCC PART22&24&27_WCDMA Band 4 & LTE Band 4 & 66 _1710-1785_30MHz-20GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
1711.200	-40.95	2.67	-13.0	27.95	160.00	Horizontal	Vertical	N/A
2115.200	-29.27	5.61	-13.0	16.27	215.00	Horizontal	Vertical	N/A
3421.000	-33.55	6.92	-13.0	20.55	158.00	Horizontal	Vertical	Pass
5131.750	-31.52	12.19	-13.0	18.52	126.00	Horizontal	Vertical	Pass
7990.000	-36.77	18.40	-13.0	23.77	3.00	Horizontal	Vertical	Pass
13547.350	-32.32	25.15	-13.0	19.32	231.00	Horizontal	Vertical	Pass

Band:LTE CAT-M B66 Channel:LOW BW:5M

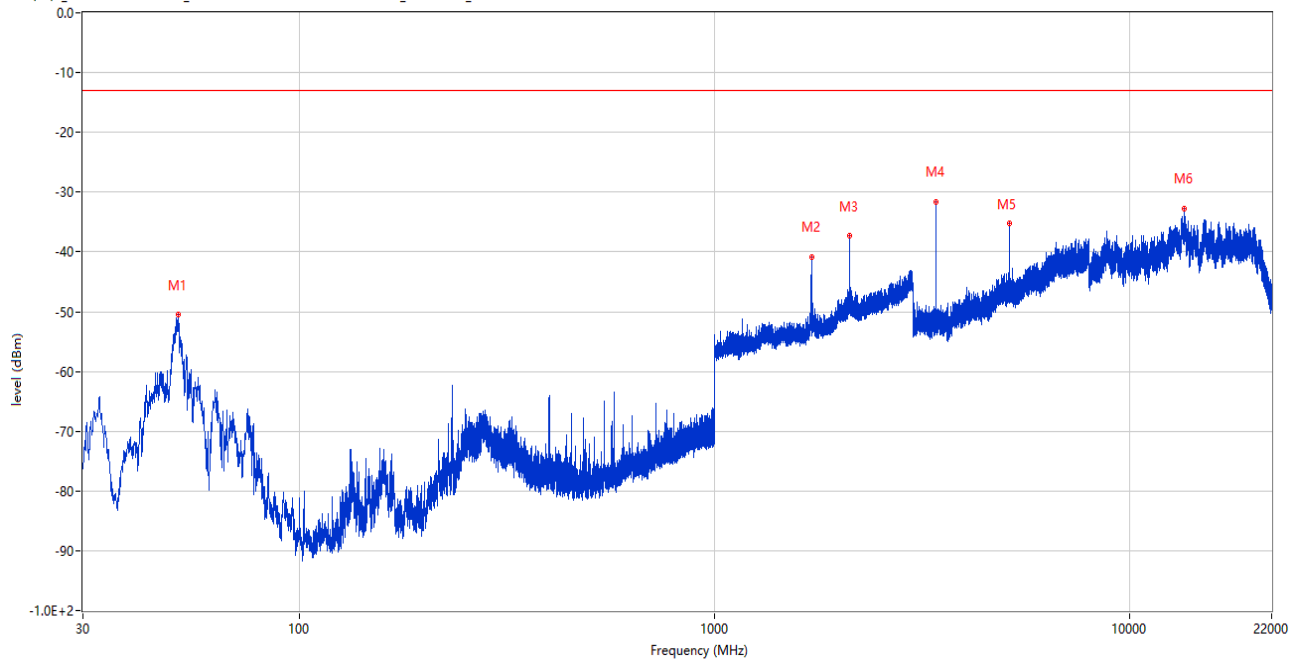
RSE (RF) _FCC PART22&24&27_WCDMA Band 4 & LTE Band 4 & 66 _1710-1785_30MHz-20GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
50.564	-50.28	-17.29	-13.0	37.28	184.00	Vertical	Vertical	Pass
1711.100	-38.68	2.67	-13.0	25.68	127.00	Vertical	Vertical	N/A
2115.500	-36.01	5.55	-13.0	23.01	154.00	Vertical	Vertical	N/A
3421.500	-33.71	6.91	-13.0	20.71	314.00	Vertical	Vertical	Pass
5131.500	-32.09	12.18	-13.0	19.09	10.00	Vertical	Vertical	Pass
13402.588	-33.66	24.83	-13.0	20.66	195.00	Vertical	Vertical	Pass

Band:LTE CAT-M B66 Channel:LOW BW:5M

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

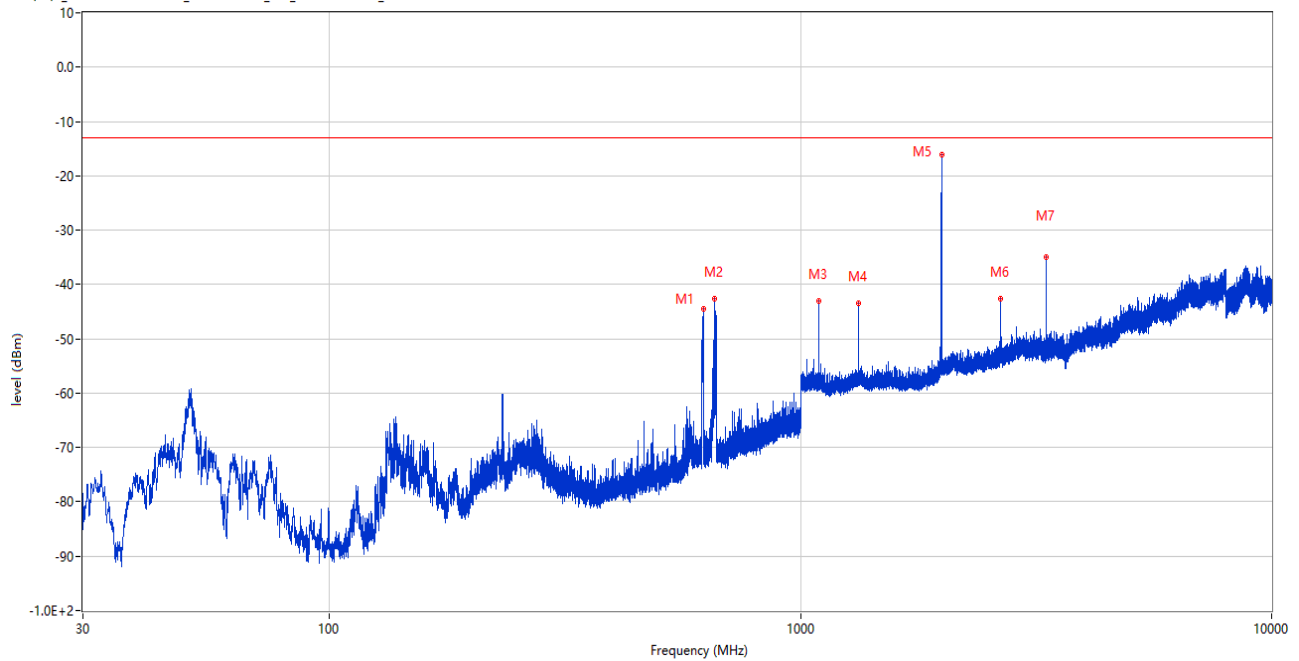


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
50.952	-50.55	-17.41	-13.0	37.55	136.00	Vertical	Horizontal	Pass
1711.300	-40.86	2.66	-13.0	27.86	206.00	Vertical	Horizontal	N/A
2114.900	-37.37	5.67	-13.0	24.37	169.00	Vertical	Horizontal	N/A
3421.500	-31.57	6.91	-13.0	18.57	46.00	Vertical	Horizontal	Pass
5131.250	-35.29	12.20	-13.0	22.29	270.00	Vertical	Horizontal	Pass
13573.250	-32.77	25.06	-13.0	19.77	322.00	Vertical	Horizontal	Pass

1.12 LTE-M1 Band 71

Band:LTE CAT-M B71 Channel:LOW BW:5M

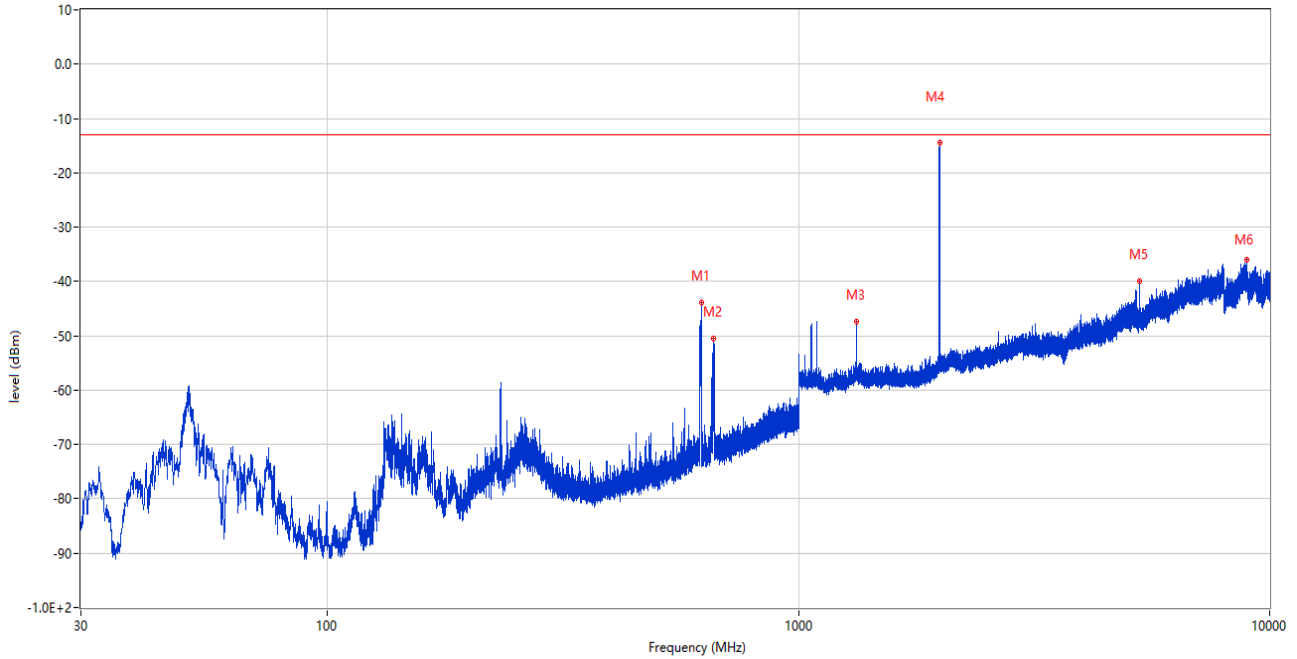
RSE (RF) _FCC PART22&24&27_LTE Band 71 _680_30MHz-10GHz_



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
621.748	-44.40	0.97	-13.0	31.40	45.00	Horizontal	Horizontal	N/A
657.590	-42.59	2.94	-13.0	29.59	38.00	Horizontal	Horizontal	N/A
1093.600	-43.10	-3.22	-13.0	30.10	161.00	Horizontal	Horizontal	Pass
1327.500	-43.47	-2.45	-13.0	30.47	161.00	Horizontal	Horizontal	Pass
1993.100	-16.06	-1.06	-13.0	3.06	227.00	Horizontal	Horizontal	Pass
2654.300	-42.70	2.53	-13.0	29.70	292.00	Horizontal	Horizontal	Pass
3320.000	-34.93	6.53	-13.0	21.93	94.00	Horizontal	Horizontal	Pass

Band:LTE CAT-M B71 Channel:LOW BW:5M

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

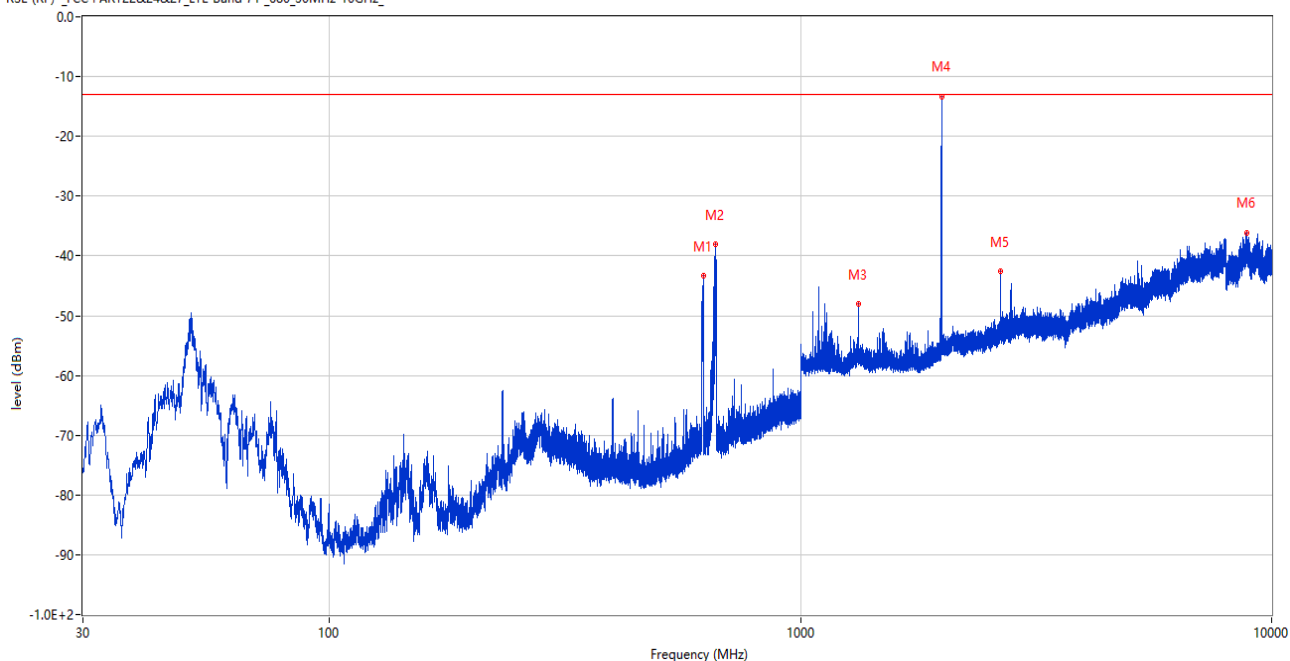


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
621.554	-43.88	0.95	-13.0	30.88	46.00	Horizontal	Vertical	N/A
659.724	-50.44	2.93	-13.0	37.44	249.00	Horizontal	Vertical	N/A
1327.600	-47.34	-2.46	-13.0	34.34	57.00	Horizontal	Vertical	Pass
1991.600	-14.39	-0.96	-13.0	1.39	282.00	Horizontal	Vertical	N/A
1991.600*	-25.505	-0.96	-13.0	12.505	282.00	Horizontal	Vertical	Pass
5307.250	-40.02	12.34	-13.0	27.02	155.00	Horizontal	Vertical	Pass
8930.700	-35.95	19.55	-13.0	22.95	13.00	Horizontal	Vertical	Pass

Note: The initial sweep time from 1GHz to 3GHz was previously set to 200ms, which was insufficient for RMS detection. When there are frequency points out of standard or insufficient margin, the final scan time needs to be increased to determine its compliance

Band:LTE CAT-M B71 Channel:LOW BW:5M

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

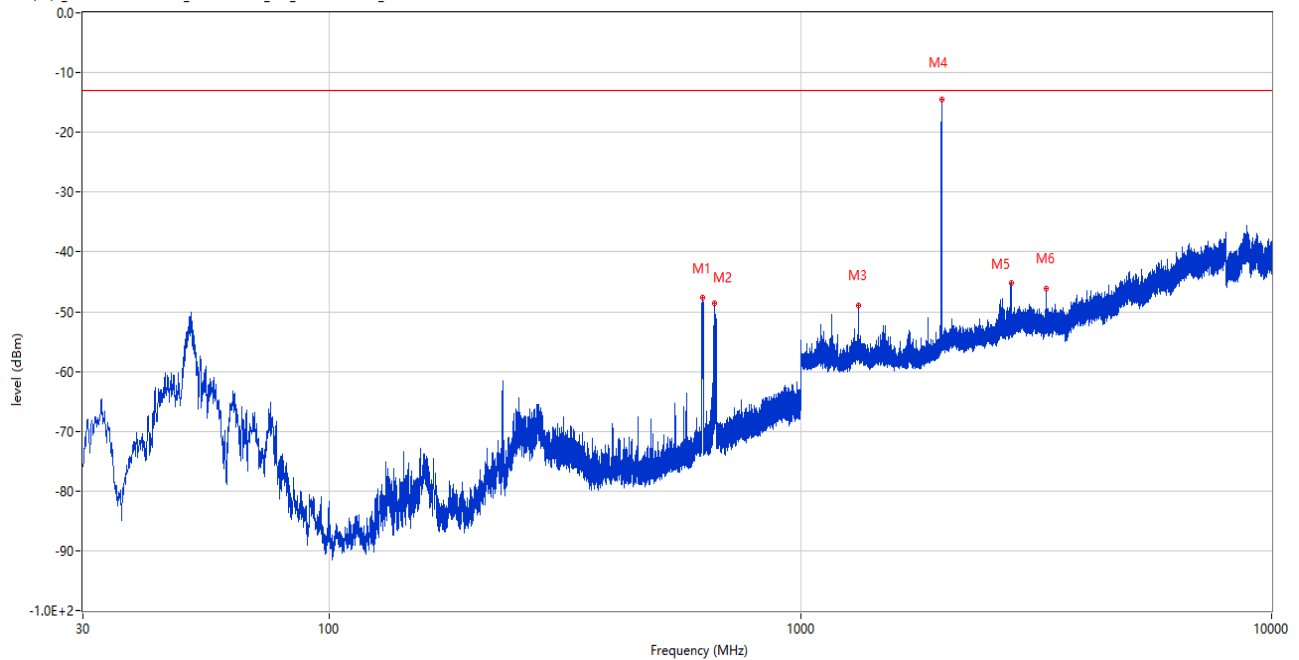


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
621.652	-43.32	0.96	-13.0	30.32	204.00	Vertical	Vertical	N/A
659.385	-38.10	2.93	-13.0	25.10	109.00	Vertical	Vertical	N/A
1327.800	-48.10	-2.46	-13.0	35.10	1.00	Vertical	Vertical	Pass
1991.900	-13.29	-0.98	-13.0	0.29	207.00	Vertical	Vertical	N/A
1991.900*	-23.067	-0.98	-13.0	10.067	207.00	Vertical	Vertical	Pass
2654.300	-42.61	2.53	-13.0	29.61	149.00	Vertical	Vertical	Pass
8853.200	-36.12	20.32	-13.0	23.12	258.00	Vertical	Vertical	Pass

Note: The initial sweep time from 1GHz to 3GHz was previously set to 200ms, which was insufficient for RMS detection. When there are frequency points out of standard or insufficient margin, the final scan time needs to be increased to determine its compliance

Band:LTE CAT-M B71 Channel:LOW BW:5M

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



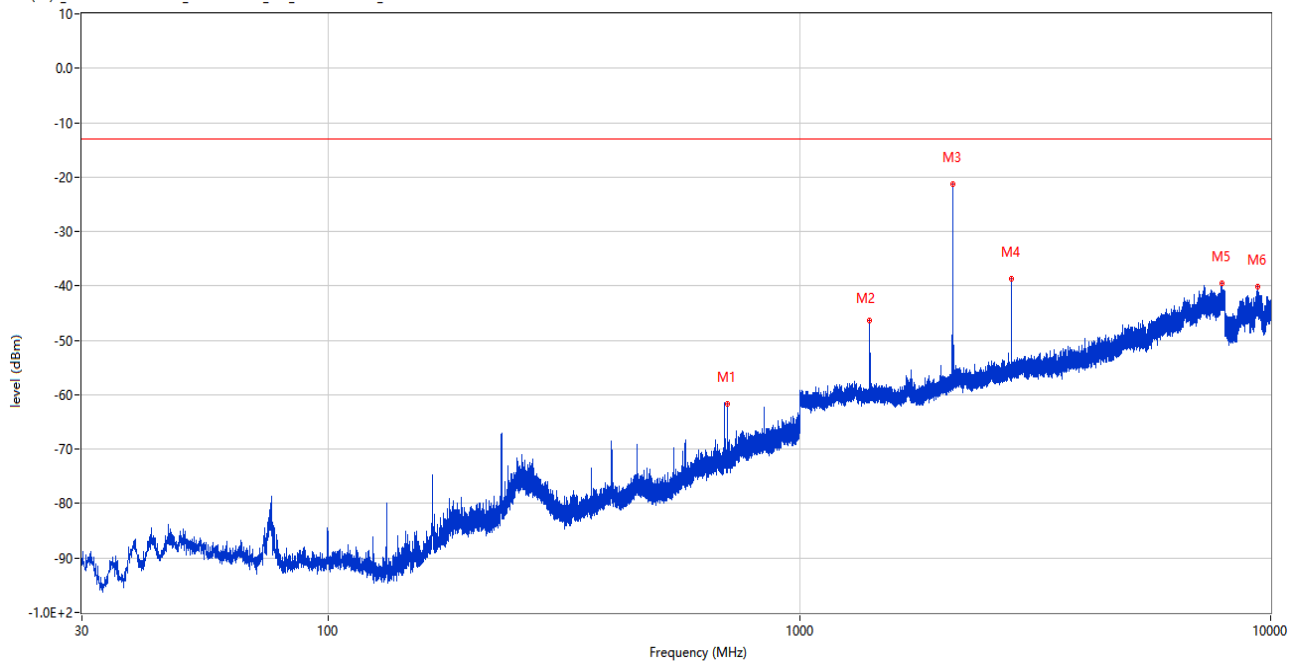
Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
620.972	-47.71	1.00	-13.0	34.71	281.00	Vertical	Horizontal	N/A
657.008	-48.65	2.94	-13.0	35.65	335.00	Vertical	Horizontal	N/A
1327.400	-48.95	-2.45	-13.0	35.95	238.00	Vertical	Horizontal	Pass
1991.700	-14.52	-0.97	-13.0	1.52	360.00	Vertical	Horizontal	N/A
1991.700*	-24.889	-0.97	-13.0	11.889	360.00	Vertical	Horizontal	Pass
2800.200	-45.22	3.56	-13.0	32.22	164.00	Vertical	Horizontal	Pass
3319.000	-46.14	6.46	-13.0	33.14	45.00	Vertical	Horizontal	Pass

Note: The initial sweep time from 1GHz to 3GHz was previously set to 200ms, which was insufficient for RMS detection. When there are frequency points out of standard or insufficient margin, the final scan time needs to be increased to determine its compliance

1.13 LTE-M1 Band 85

BAND:LTE B85 Channel:MID BW:5

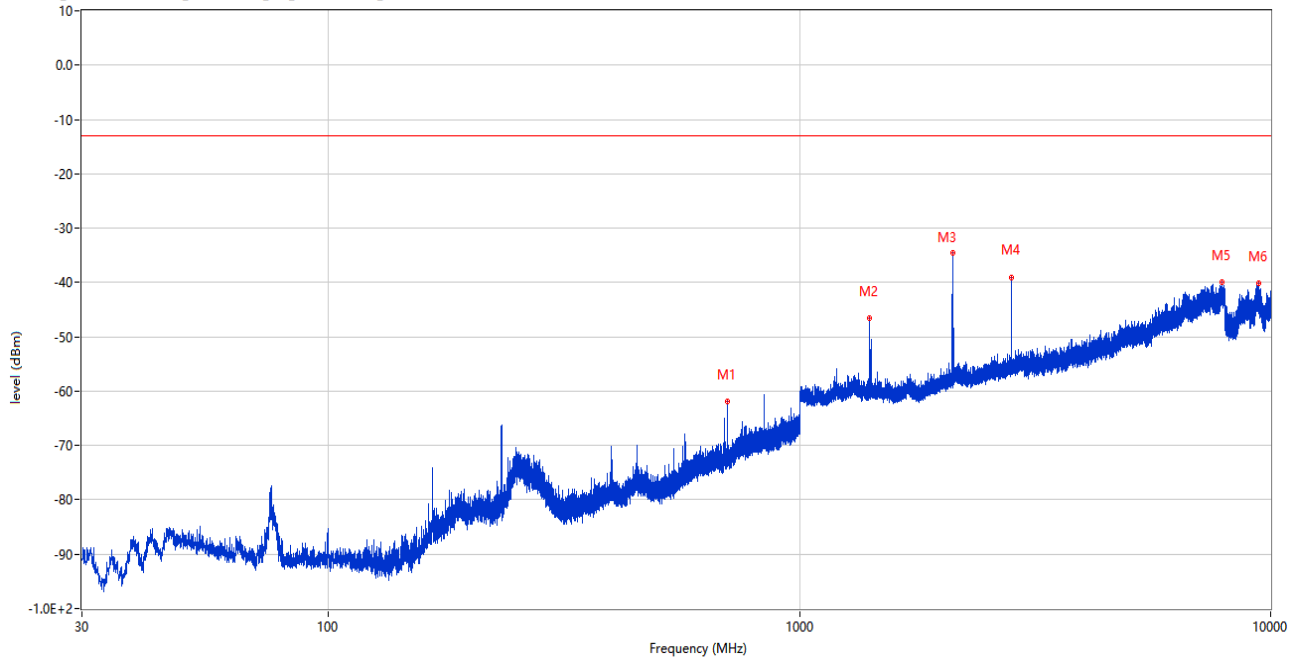
RSE (RF) _FCC PART22&24&27_LTE Band 71 _680_30MHz-10GHz_



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
704.829	-61.72	0.87	-13.0	48.72	291.00	Horizontal	Horizontal	N/A
1410.200	-46.38	-5.16	-13.0	33.38	21.00	Horizontal	Horizontal	Pass
2114.100	-21.38	-2.87	-13.0	8.38	21.00	Horizontal	Horizontal	Pass
2819.700	-38.68	0.48	-13.0	25.68	160.00	Horizontal	Horizontal	Pass
7897.750	-39.46	14.89	-13.0	26.46	157.00	Horizontal	Horizontal	Pass
9401.400	-40.10	13.38	-13.0	27.10	1.00	Horizontal	Horizontal	Pass

BAND:LTE B85 Channel:MID BW:5

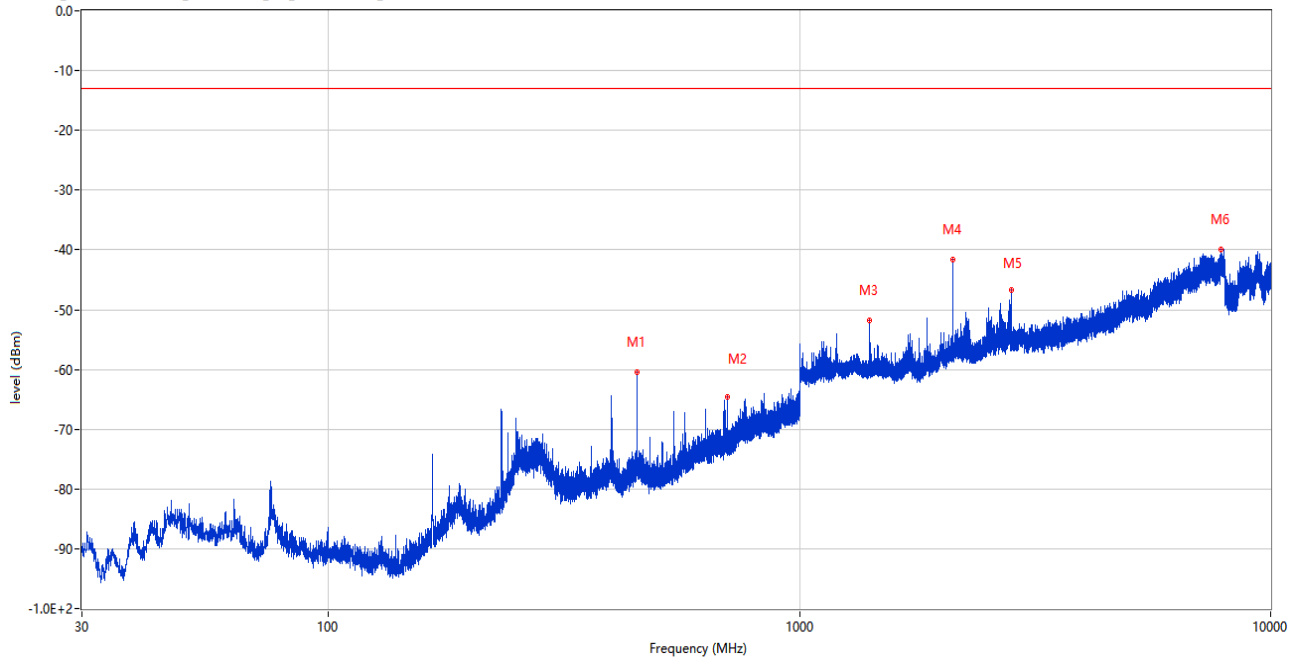
RSE (RF) _FCC PART22&24&27_LTE Band 71 _680_30MHz-10GHz_



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
704.781	-61.90	0.87	-13.0	48.90	285.00	Horizontal	Vertical	N/A
1410.400	-46.62	-5.15	-13.0	33.62	206.00	Horizontal	Vertical	Pass
2112.700	-34.62	-2.81	-13.0	21.62	46.00	Horizontal	Vertical	Pass
2819.800	-39.02	0.48	-13.0	26.02	146.00	Horizontal	Vertical	Pass
7878.000	-39.96	14.95	-13.0	26.96	360.00	Horizontal	Vertical	Pass
9453.500	-40.20	13.71	-13.0	27.20	181.00	Horizontal	Vertical	Pass

BAND:LTE B85 Channel:MID BW:5

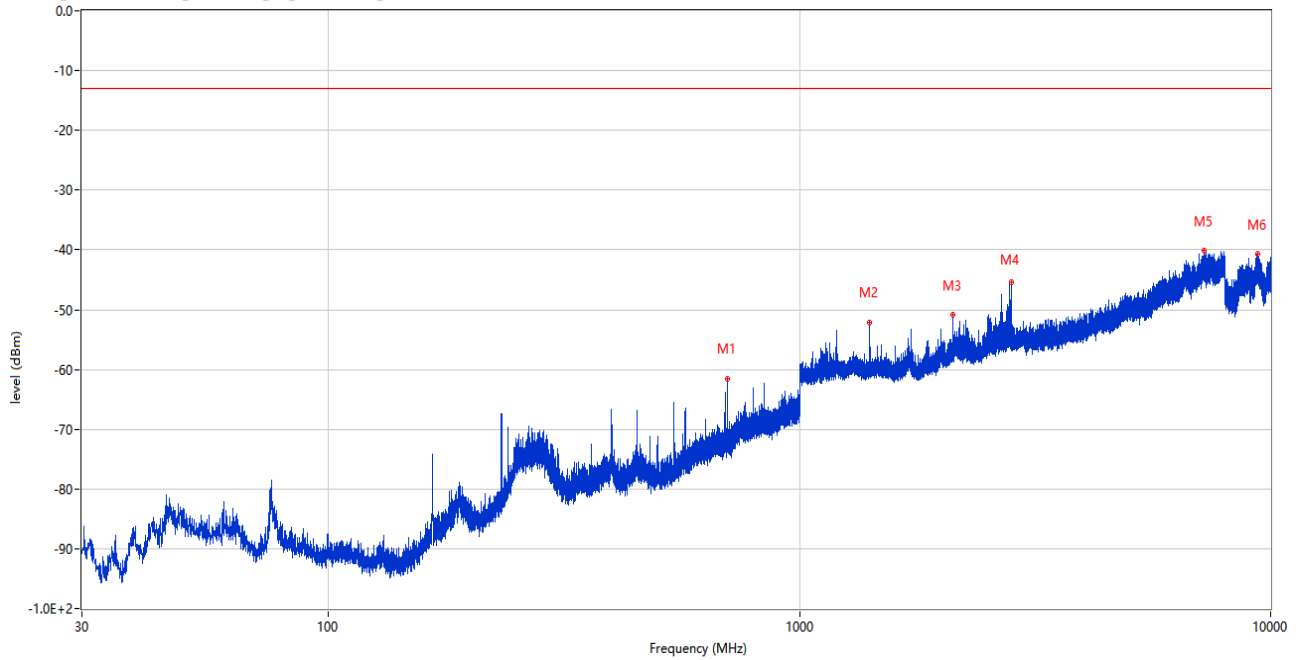
RSE (RF) _FCC PART22&24&27_LTE Band 71 _680_30MHz-10GHz_



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
451.853	-60.40	-5.32	-13.0	47.40	94.00	Vertical	Vertical	Pass
704.683	-64.52	0.87	-13.0	51.52	94.00	Vertical	Vertical	N/A
1410.200	-51.79	-5.16	-13.0	38.79	45.00	Vertical	Vertical	Pass
2114.800	-41.59	-2.88	-13.0	28.59	265.00	Vertical	Vertical	Pass
2820.000	-46.76	0.49	-13.0	33.76	56.00	Vertical	Vertical	Pass
7841.250	-39.91	14.80	-13.0	26.91	238.00	Vertical	Vertical	Pass

BAND:LTE B85 Channel:MID BW:5

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



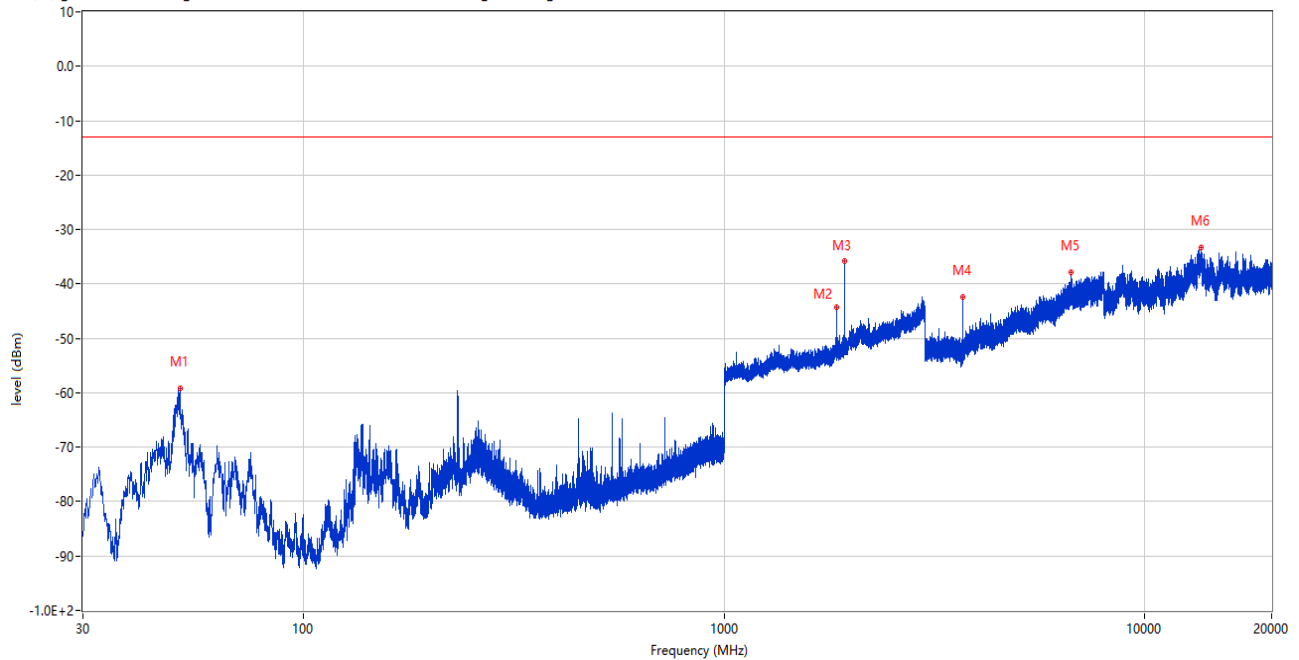
Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
704.781	-61.57	0.87	-13.0	48.57	127.00	Vertical	Horizontal	N/A
1410.500	-52.09	-5.14	-13.0	39.09	75.00	Vertical	Horizontal	Pass
2115.300	-50.92	-2.91	-13.0	37.92	211.00	Vertical	Horizontal	Pass
2820.000	-45.47	0.49	-13.0	32.47	75.00	Vertical	Horizontal	Pass
7225.250	-40.19	14.32	-13.0	27.19	315.00	Vertical	Horizontal	Pass
9398.700	-40.77	13.38	-13.0	27.77	359.00	Vertical	Horizontal	Pass

2. NB-IoT

2.1 NB-IoT Band 2

Band:NB-IOT B2 Channel:LOW BW:15K

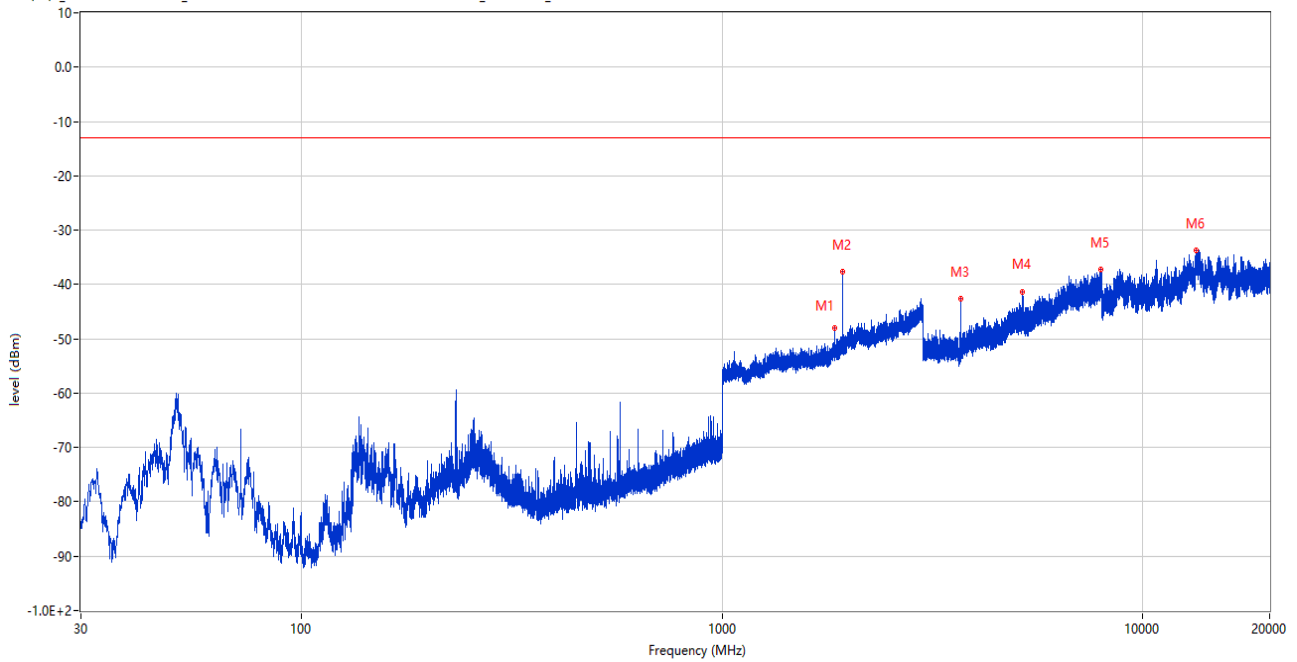
RSE (RF) _FCC PART22&24&27_CDMA BC1 & WCDMA Band 2 & LTE Band 2 & 25 _1830-1920_30MHz-20GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
50.952	-59.11	-17.41	-13.0	46.11	161.00	Horizontal	Horizontal	Pass
1851.000	-44.38	2.54	-13.0	31.38	126.00	Horizontal	Horizontal	N/A
1931.000	-35.75	3.16	-13.0	22.75	90.00	Horizontal	Horizontal	N/A
3700.750	-42.46	7.58	-13.0	29.46	123.00	Horizontal	Horizontal	Pass
6691.250	-37.87	17.05	-13.0	24.87	360.00	Horizontal	Horizontal	Pass
13630.151	-33.27	24.85	-13.0	20.27	62.00	Horizontal	Horizontal	Pass

Band:NB-IOT B2 Channel:LOW BW:15K

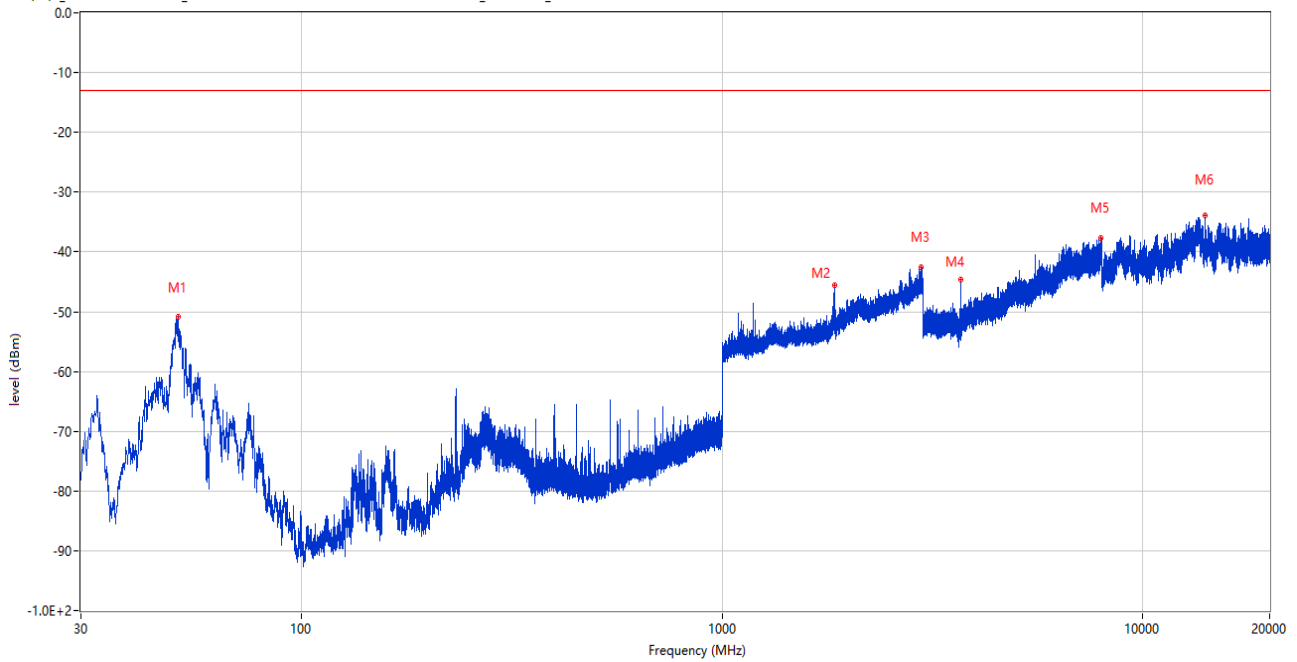
RSE (RF) _FCC PART22&24&27_CDMA BC1 & WCDMA Band 2 & LTE Band 2 & 25 _1830-1920_30MHz-20GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
1850.900	-47.94	2.54	-13.0	34.94	31.00	Horizontal	Vertical	N/A
1930.900	-37.59	3.17	-13.0	24.59	113.00	Horizontal	Vertical	N/A
3700.750	-42.59	7.58	-13.0	29.59	142.00	Horizontal	Vertical	Pass
5184.750	-41.29	12.39	-13.0	28.29	317.00	Horizontal	Vertical	Pass
7924.250	-37.18	18.34	-13.0	24.18	77.00	Horizontal	Vertical	Pass
13352.838	-33.65	24.56	-13.0	20.65	8.00	Horizontal	Vertical	Pass

Band:NB-IOT B2 Channel:LOW BW:15K

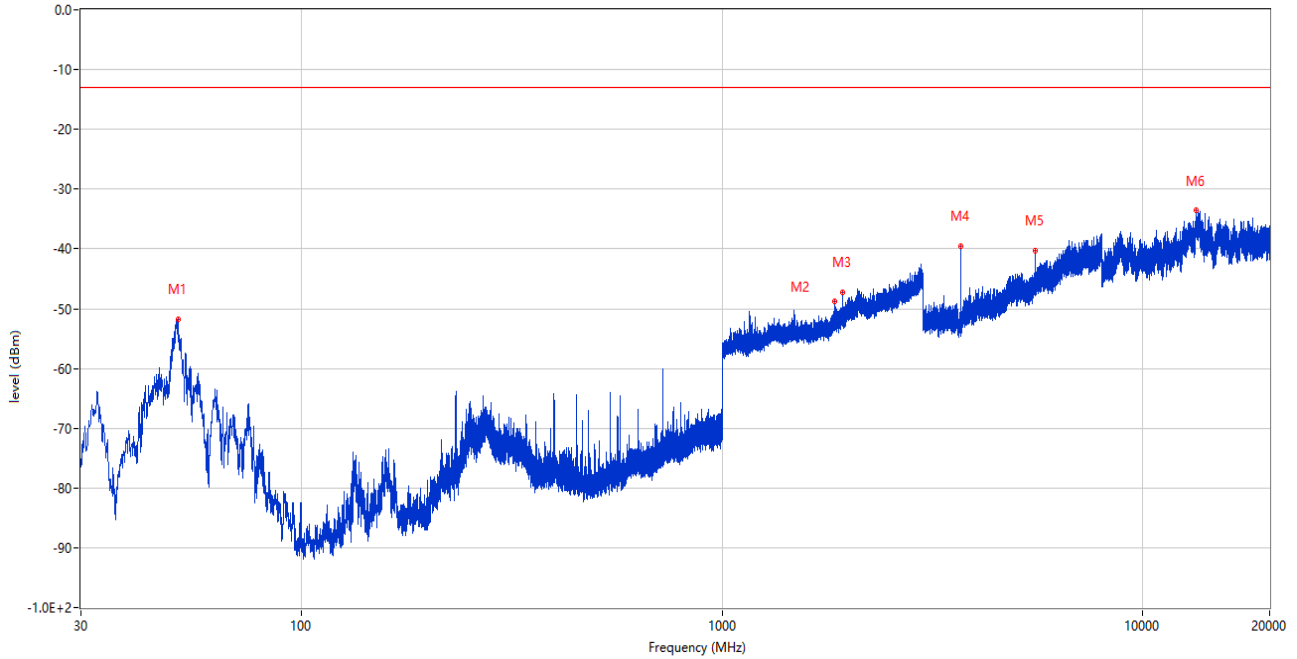
RSE (RF) _FCC PART22&24&27_CDMA BC1 & WCDMA Band 2 & LTE Band 2 & 25 _1830-1920_30MHz-20GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
51.146	-50.89	-17.45	-13.0	37.89	128.00	Vertical	Vertical	Pass
1851.100	-45.51	2.54	-13.0	32.51	1.00	Vertical	Vertical	N/A
2970.800	-42.52	11.92	-13.0	29.52	1.00	Vertical	Vertical	Pass
3700.750	-44.62	7.58	-13.0	31.62	123.00	Vertical	Vertical	Pass
7926.250	-37.72	18.48	-13.0	24.72	360.00	Vertical	Vertical	Pass
14055.363	-33.89	24.31	-13.0	20.89	151.00	Vertical	Vertical	Pass

Band:NB-IOT B2 Channel:LOW BW:15K

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

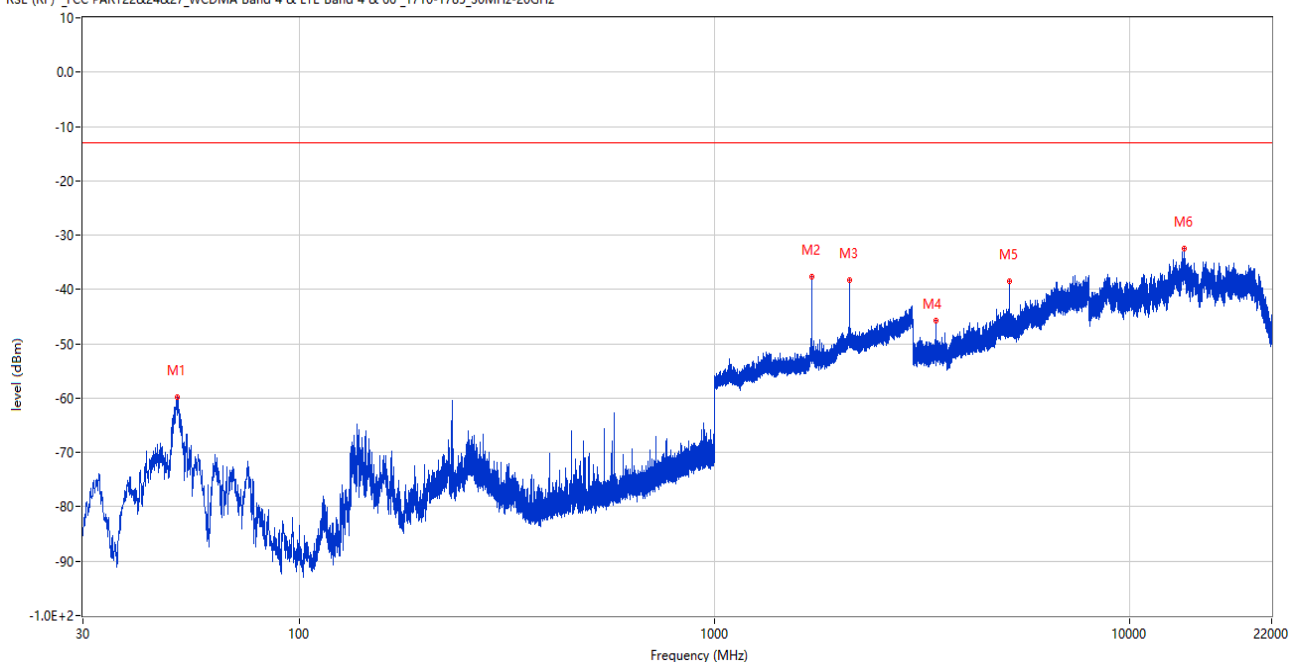


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
50.952	-51.73	-17.41	-13.0	38.73	62.00	Vertical	Horizontal	Pass
1849.900	-48.76	2.53	-13.0	35.76	124.00	Vertical	Horizontal	N/A
1930.100	-47.21	3.29	-13.0	34.21	345.00	Vertical	Horizontal	N/A
3699.750	-39.53	7.54	-13.0	26.53	350.00	Vertical	Horizontal	Pass
5550.250	-40.26	13.22	-13.0	27.26	75.00	Vertical	Horizontal	Pass
13401.775	-33.58	24.84	-13.0	20.58	31.00	Vertical	Horizontal	Pass

2.2 NB-IoT Band 4

Band:NB-IOT B4 Channel:LOW BW:15K

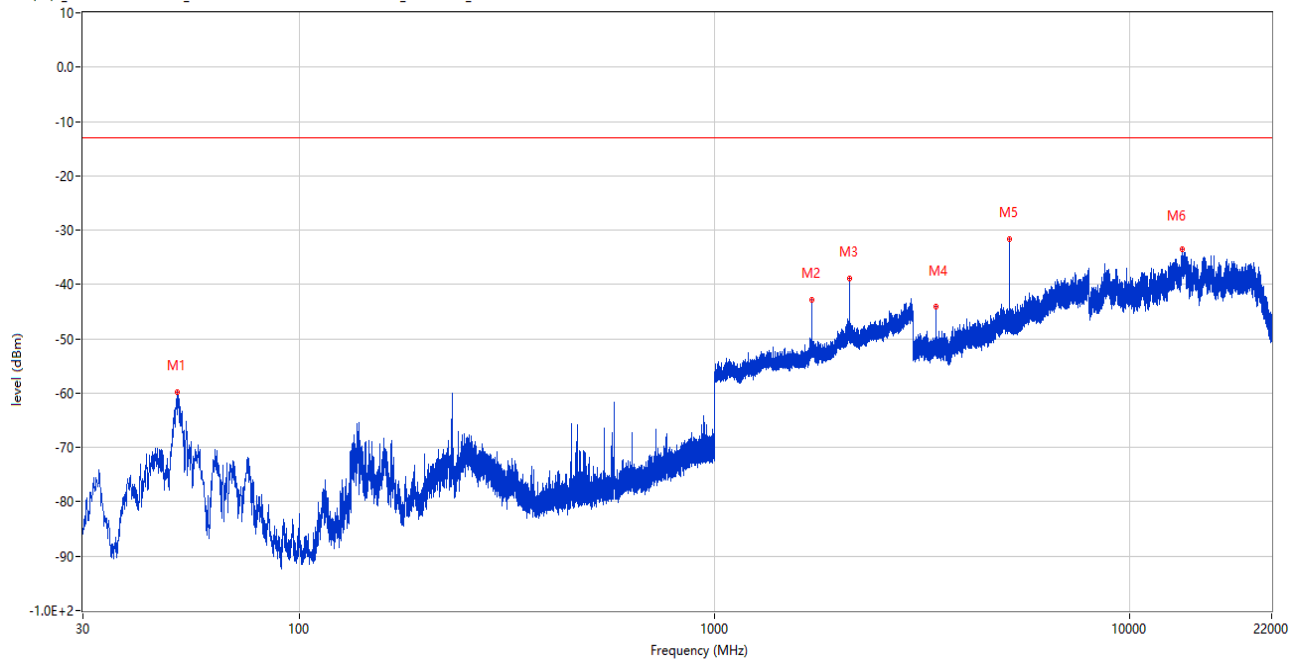
RSE (RF) _FCC PART22&24&27_WCDMA Band 4 & LTE Band 4 & 66 _1710-1785_30MHz-20GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
50.564	-59.84	-17.29	-13.0	46.84	156.00	Horizontal	Horizontal	Pass
1710.900	-37.71	2.67	-13.0	24.71	132.00	Horizontal	Horizontal	N/A
2111.000	-38.32	5.68	-13.0	25.32	234.00	Horizontal	Horizontal	N/A
3420.750	-45.79	6.94	-13.0	32.79	157.00	Horizontal	Horizontal	Pass
5130.750	-38.52	12.23	-13.0	25.52	157.00	Horizontal	Horizontal	Pass
13568.625	-32.43	25.09	-13.0	19.43	254.00	Horizontal	Horizontal	Pass

Band:NB-IOT B4 Channel:LOW BW:15K

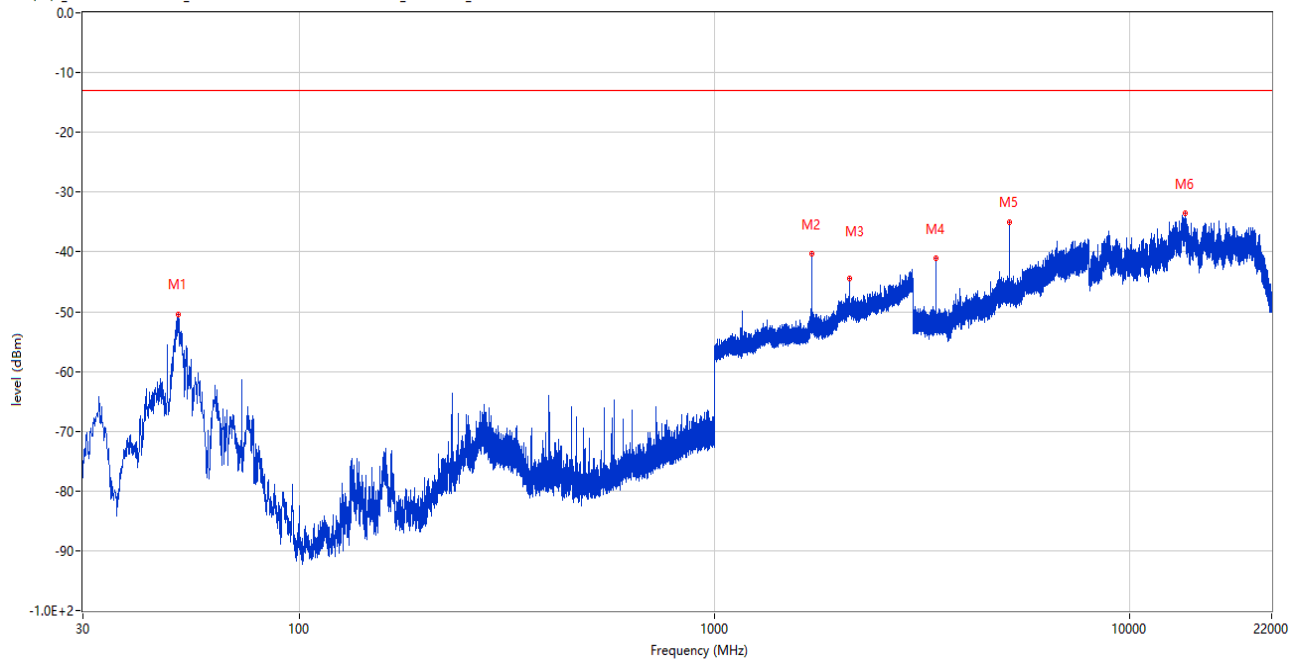
RSE (RF) _FCC PART22&24&27_WCDMA Band 4 & LTE Band 4 & 66 _1710-1785_30MHz-20GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
50.612	-59.87	-17.31	-13.0	46.87	160.00	Horizontal	Vertical	Pass
1710.800	-42.86	2.67	-13.0	29.86	146.00	Horizontal	Vertical	N/A
2110.800	-38.98	5.65	-13.0	25.98	238.00	Horizontal	Vertical	N/A
3421.000	-44.07	6.92	-13.0	31.07	170.00	Horizontal	Vertical	Pass
5130.750	-31.66	12.23	-13.0	18.66	138.00	Horizontal	Vertical	Pass
13403.975	-33.54	24.82	-13.0	20.54	109.00	Horizontal	Vertical	Pass

Band:NB-IOT B4 Channel:LOW BW:15K

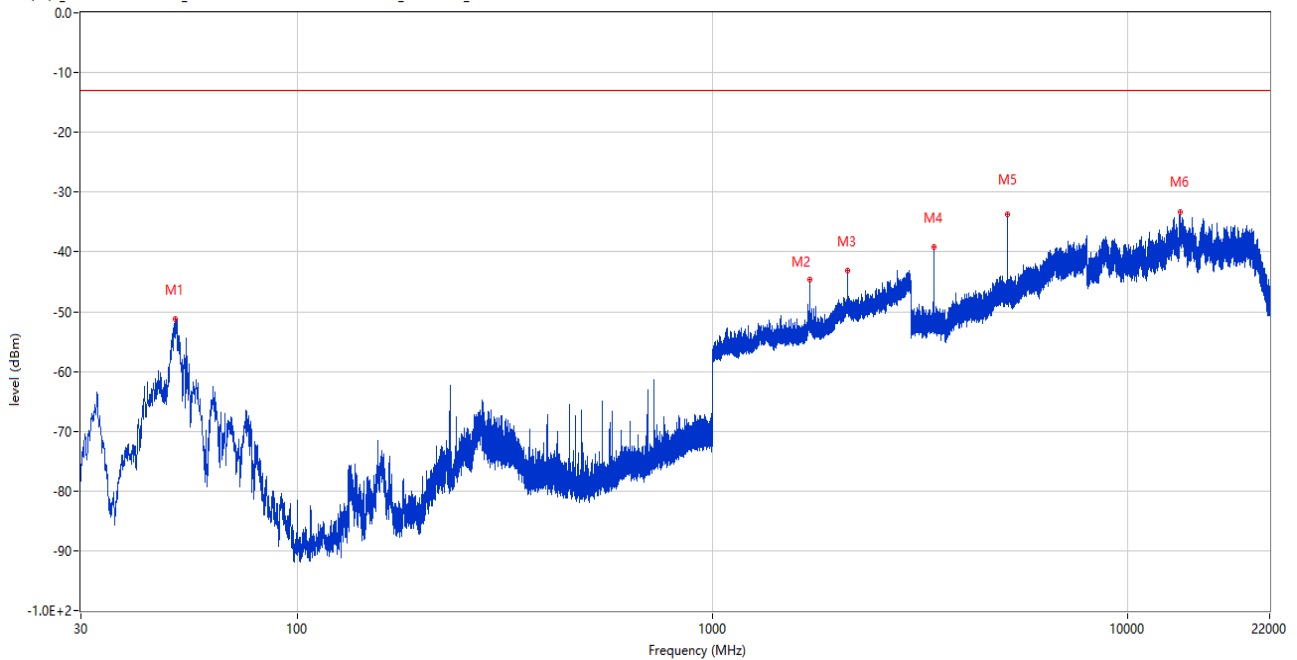
RSE (RF) _FCC PART22&24&27_WCDMA Band 4 & LTE Band 4 & 66 _1710-1785_30MHz-20GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
50.952	-50.40	-17.41	-13.0	37.40	143.00	Vertical	Vertical	Pass
1710.800	-40.34	2.67	-13.0	27.34	124.00	Vertical	Vertical	N/A
2110.800	-44.52	5.65	-13.0	31.52	170.00	Vertical	Vertical	N/A
3420.500	-41.15	6.97	-13.0	28.15	335.00	Vertical	Vertical	Pass
5131.000	-35.09	12.21	-13.0	22.09	94.00	Vertical	Vertical	Pass
13647.713	-33.58	24.83	-13.0	20.58	165.00	Vertical	Vertical	Pass

Band:NB-IOT B4 Channel:LOW BW:15K

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

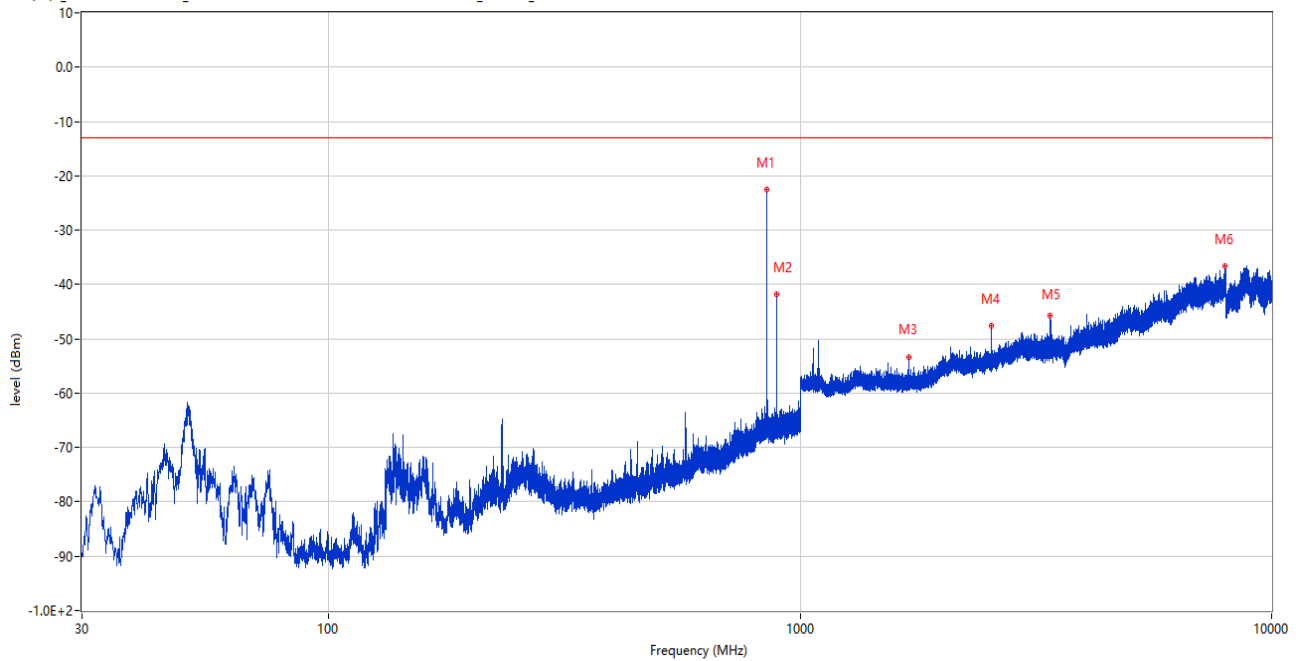


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
50.612	-51.32	-17.31	-13.0	38.32	172.00	Vertical	Horizontal	Pass
1711.000	-44.70	2.67	-13.0	31.70	246.00	Vertical	Horizontal	N/A
2110.800	-43.17	5.65	-13.0	30.17	163.00	Vertical	Horizontal	N/A
3420.750	-39.24	6.94	-13.0	26.24	360.00	Vertical	Horizontal	Pass
5131.250	-33.75	12.20	-13.0	20.75	75.00	Vertical	Horizontal	Pass
13428.950	-33.34	24.65	-13.0	20.34	219.00	Vertical	Horizontal	Pass

2.3 NB-IoT Band 5

Band:NB-IOT B5 Channel:HIGH BW:15K

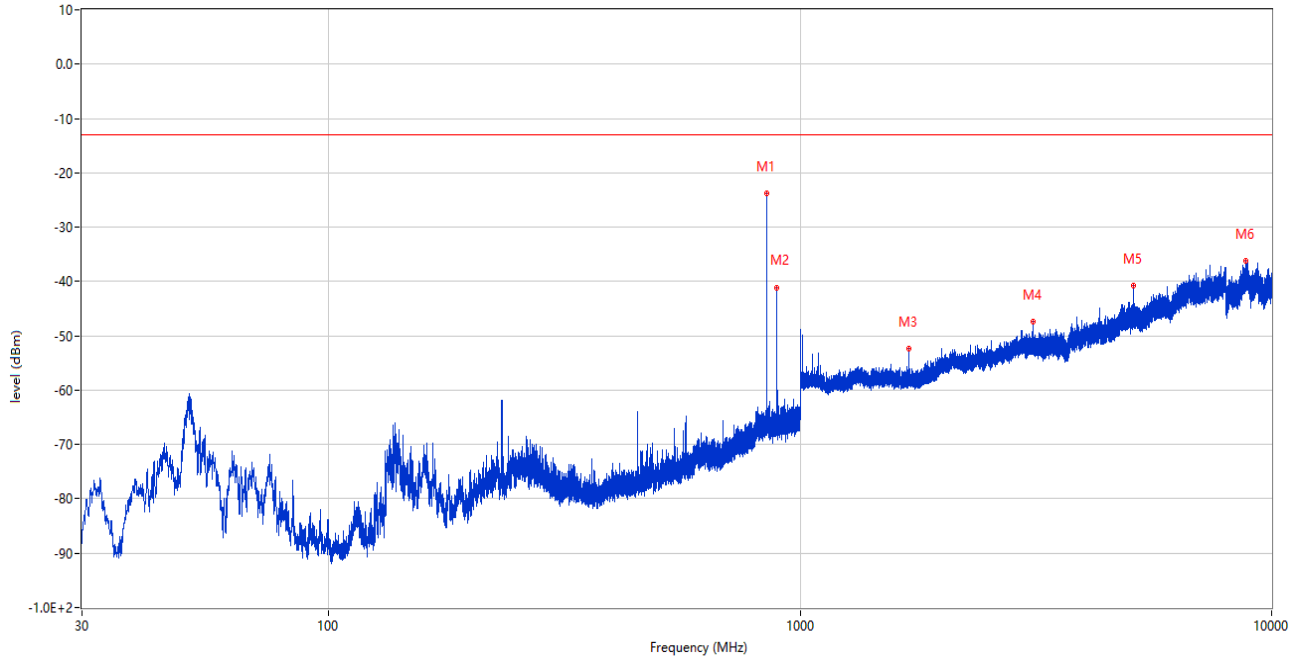
RSE (RF) _FCC PART22&24&27_CDMA BC0 & WCDMA Band5 & LTE Band 5 & 26 _814-849_30MHz-10GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
848.971	-22.47	7.32	-13.0	9.47	305.00	Horizontal	Horizontal	N/A
893.979	-41.71	6.87	-13.0	28.71	217.00	Horizontal	Horizontal	N/A
1698.700	-53.31	-3.62	-13.0	40.31	106.00	Horizontal	Horizontal	Pass
2547.600	-47.63	1.52	-13.0	34.63	134.00	Horizontal	Horizontal	Pass
3396.500	-45.69	7.46	-13.0	32.69	46.00	Horizontal	Horizontal	Pass
7969.000	-36.54	18.08	-13.0	23.54	360.00	Horizontal	Horizontal	Pass

Band:NB-IOT B5 Channel:HIGH BW:15K

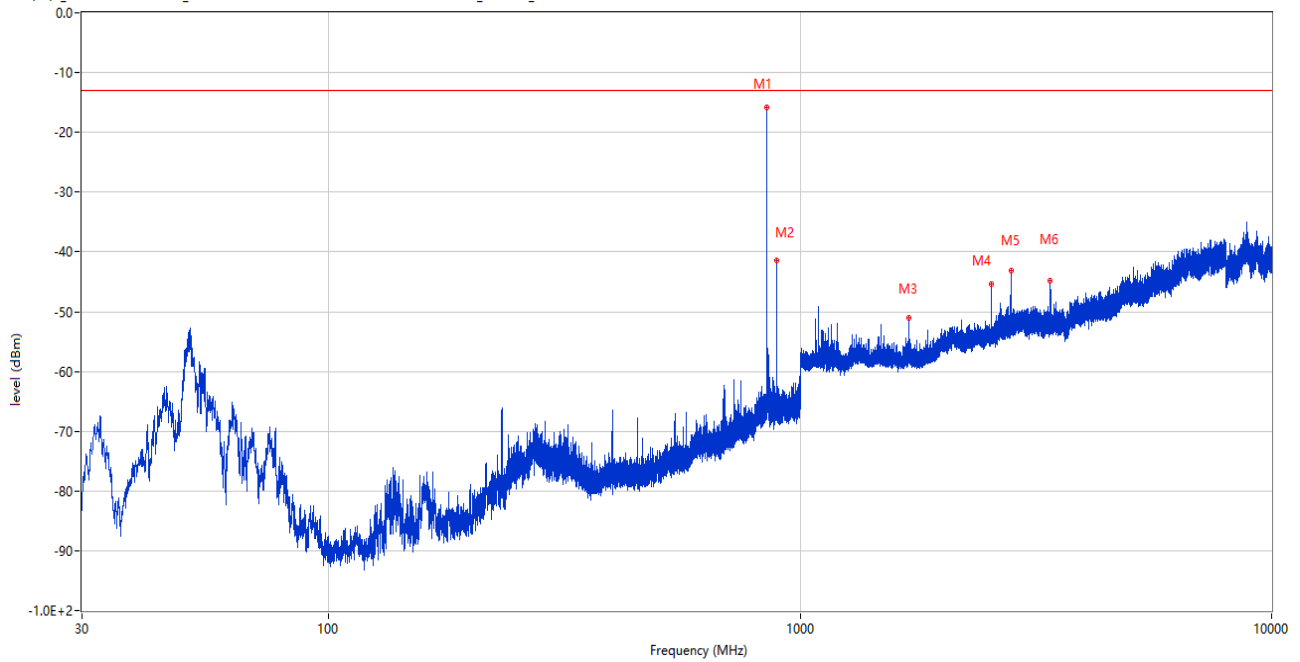
RSE (RF) _FCC PART22&24&27_CDMA BC0 & WCDMA Band5 & LTE Band 5 & 26 _814-849_30MHz-10GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
848.922	-23.81	7.32	-13.0	10.81	1.00	Horizontal	Vertical	N/A
893.930	-41.09	6.88	-13.0	28.09	69.00	Horizontal	Vertical	N/A
1698.400	-52.42	-3.59	-13.0	39.42	162.00	Horizontal	Vertical	Pass
3119.000	-47.36	6.52	-13.0	34.36	3.00	Horizontal	Vertical	Pass
5093.750	-40.73	12.62	-13.0	27.73	141.00	Horizontal	Vertical	Pass
8817.700	-36.15	19.83	-13.0	23.15	237.00	Horizontal	Vertical	Pass

Band:NB-IOT B5 Channel:HIGH BW:15K

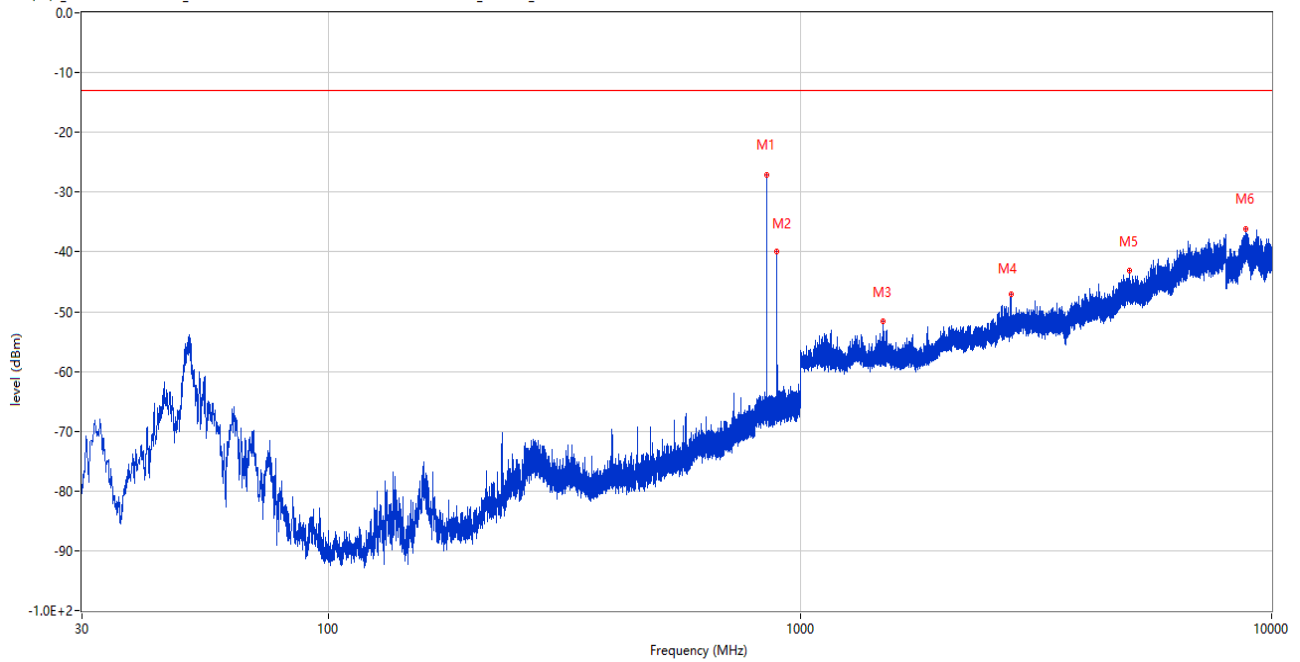
RSE (RF) _FCC PART22&24&27_CDMA BC0 & WCDMA Band5 & LTE Band 5 & 26 _814-849_30MHz-10GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
848.971	-15.81	7.32	-13.0	2.81	143.00	Vertical	Vertical	N/A
893.930	-41.39	6.88	-13.0	28.39	143.00	Vertical	Vertical	N/A
1704.100	-51.09	-3.75	-13.0	38.09	173.00	Vertical	Vertical	Pass
2547.500	-45.39	1.52	-13.0	32.39	238.00	Vertical	Vertical	Pass
2799.100	-43.05	3.57	-13.0	30.05	173.00	Vertical	Vertical	Pass
3396.250	-44.88	7.43	-13.0	31.88	350.00	Vertical	Vertical	Pass

Band:NB-IOT B5 Channel:HIGH BW:15K

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

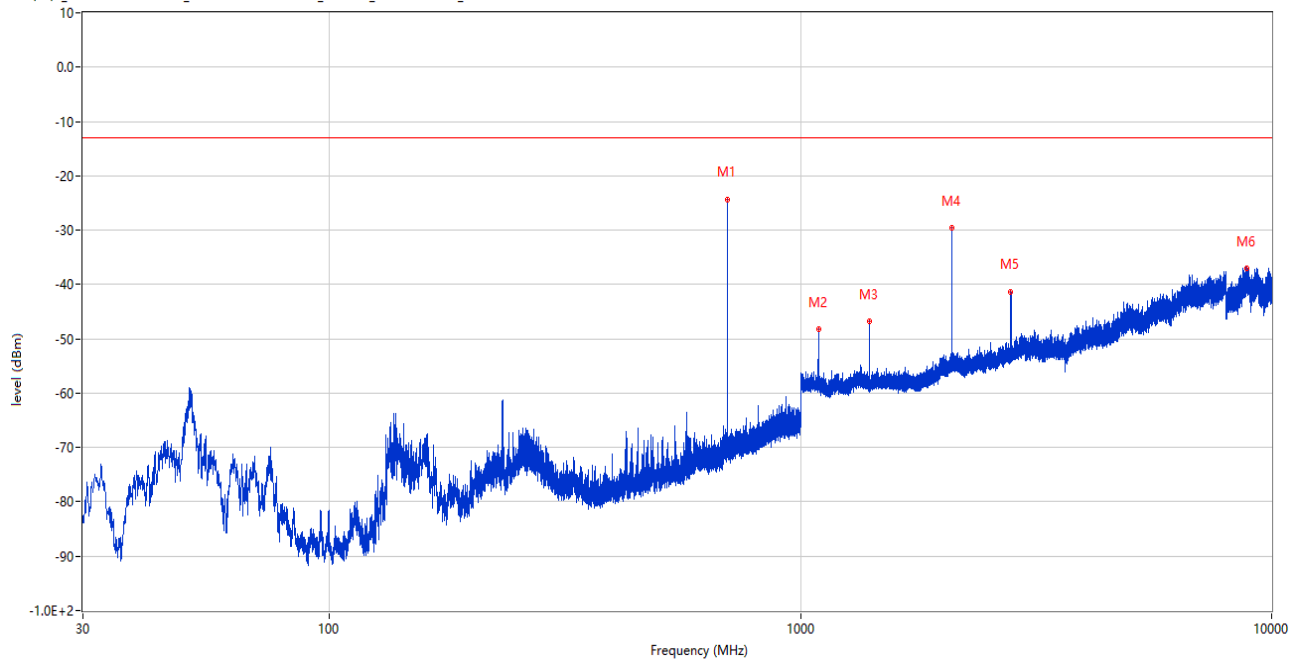


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
848.922	-27.09	7.32	-13.0	14.09	351.00	Vertical	Horizontal	N/A
893.930	-39.91	6.88	-13.0	26.91	3.00	Vertical	Horizontal	N/A
1502.500	-51.66	-3.62	-13.0	38.66	238.00	Vertical	Horizontal	Pass
2798.100	-47.07	3.64	-13.0	34.07	59.00	Vertical	Horizontal	Pass
4984.750	-43.19	13.27	-13.0	30.19	190.00	Vertical	Horizontal	Pass
8831.700	-36.15	20.06	-13.0	23.15	280.00	Vertical	Horizontal	Pass

2.4 NB-IoT Band 12

Band:NB-IOT B12 Channel:LOW BW:15K

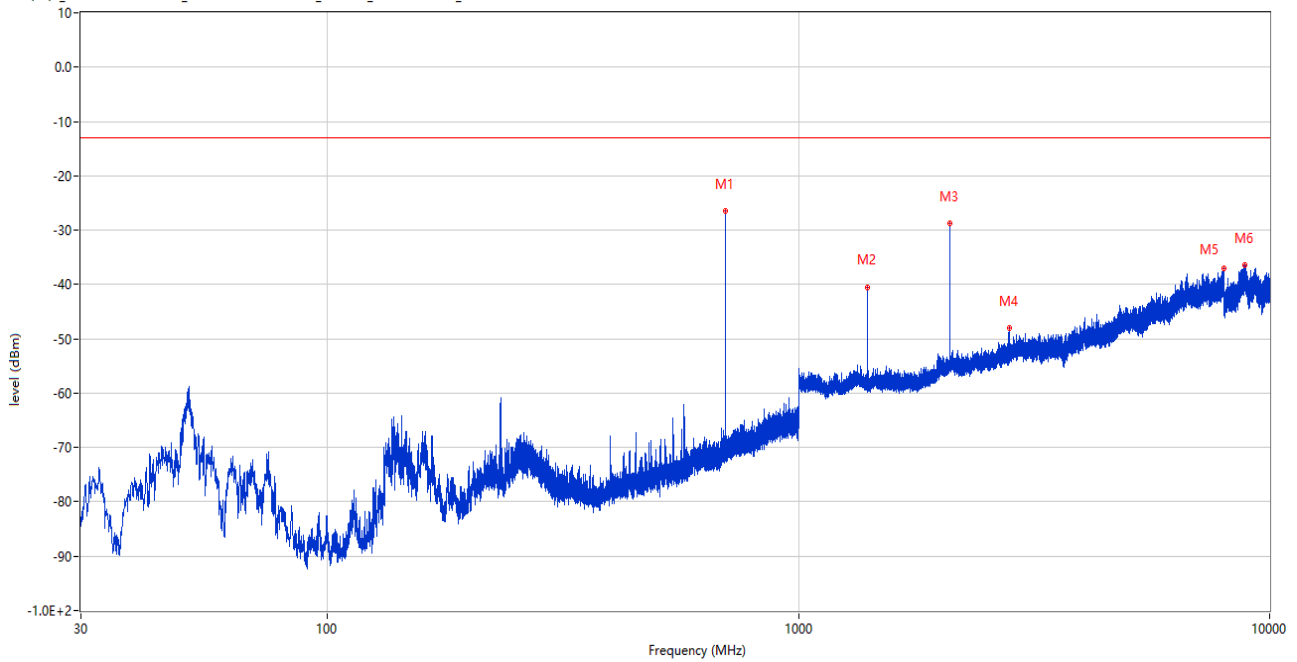
RSE (RF) _FCC PART22&24&27_LTE B12 & B17 & B28 _699-748_30MHz-10GHz_



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
699.057	-24.31	3.18	-13.0	11.31	66.00	Horizontal	Horizontal	N/A
1094.400	-48.21	-3.22	-13.0	35.21	360.00	Horizontal	Horizontal	Pass
1399.100	-46.76	-3.48	-13.0	33.76	3.00	Horizontal	Horizontal	Pass
2098.100	-29.65	-0.07	-13.0	16.65	22.00	Horizontal	Horizontal	Pass
2797.200	-41.28	3.56	-13.0	28.28	116.00	Horizontal	Horizontal	Pass
8865.700	-37.07	20.17	-13.0	24.07	81.00	Horizontal	Horizontal	Pass

Band:NB-IOT B12 Channel:LOW BW:15K

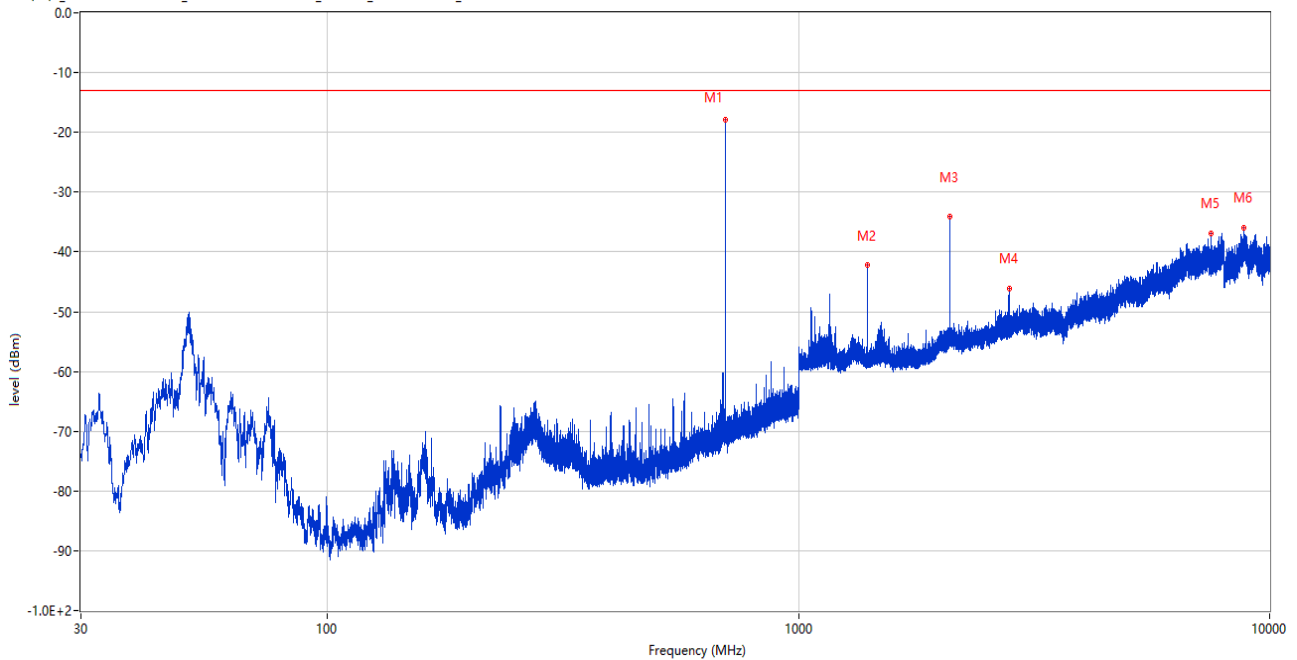
RSE (RF) _FCC PART22&24&27_LTE B12 & B17 & B28 _699-748_30MHz-10GHz_



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
699.106	-26.53	3.18	-13.0	13.53	87.00	Horizontal	Vertical	N/A
1398.900	-40.57	-3.50	-13.0	27.57	155.00	Horizontal	Vertical	Pass
2098.200	-28.78	-0.07	-13.0	15.78	352.00	Horizontal	Vertical	Pass
2797.700	-48.08	3.60	-13.0	35.08	155.00	Horizontal	Vertical	Pass
7981.250	-37.11	18.13	-13.0	24.11	222.00	Horizontal	Vertical	Pass
8864.500	-36.46	20.18	-13.0	23.46	125.00	Horizontal	Vertical	Pass

Band:NB-IOT B12 Channel:LOW BW:15K

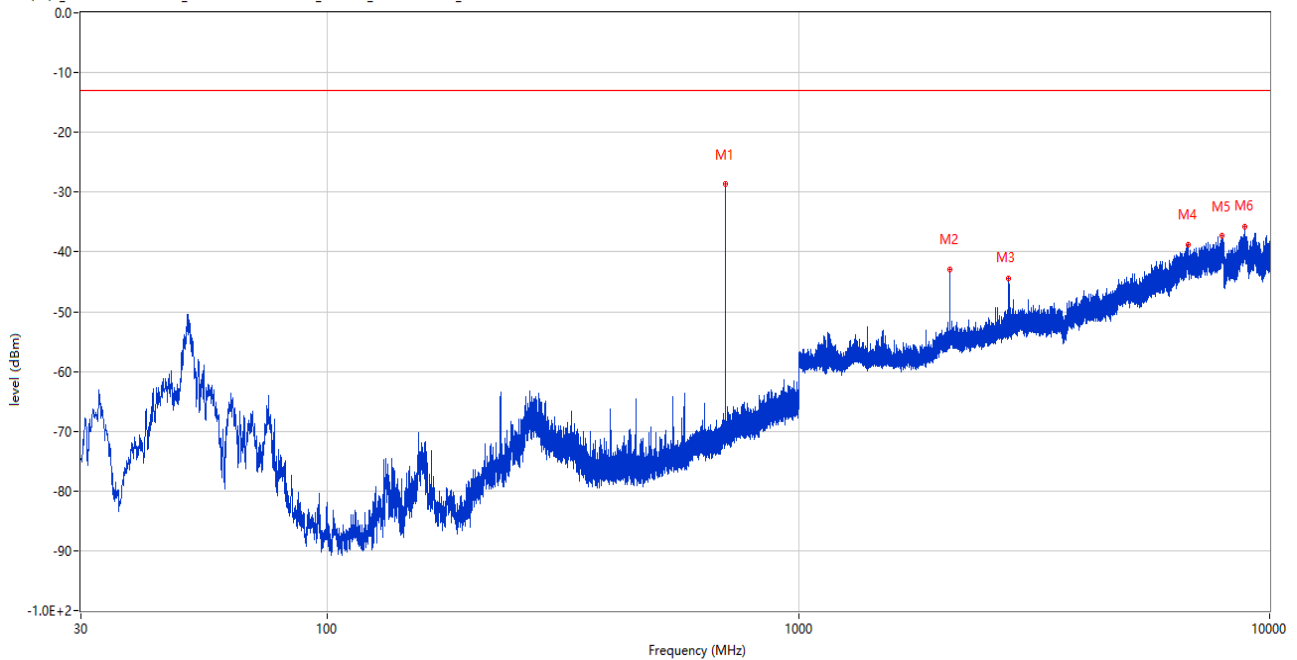
RSE (RF) _FCC PART22&24&27_LTE B12 & B17 & B28 _699-748_30MHz-10GHz_



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
699.106	-17.97	3.18	-13.0	4.97	242.00	Vertical	Vertical	N/A
1399.000	-42.24	-3.49	-13.0	29.24	201.00	Vertical	Vertical	Pass
2098.000	-34.09	-0.07	-13.0	21.09	360.00	Vertical	Vertical	Pass
2800.200	-46.08	3.56	-13.0	33.08	173.00	Vertical	Vertical	Pass
7523.000	-36.83	16.55	-13.0	23.83	3.00	Vertical	Vertical	Pass
8831.600	-35.96	20.06	-13.0	22.96	360.00	Vertical	Vertical	Pass

Band:NB-IOT B12 Channel:LOW BW:15K

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

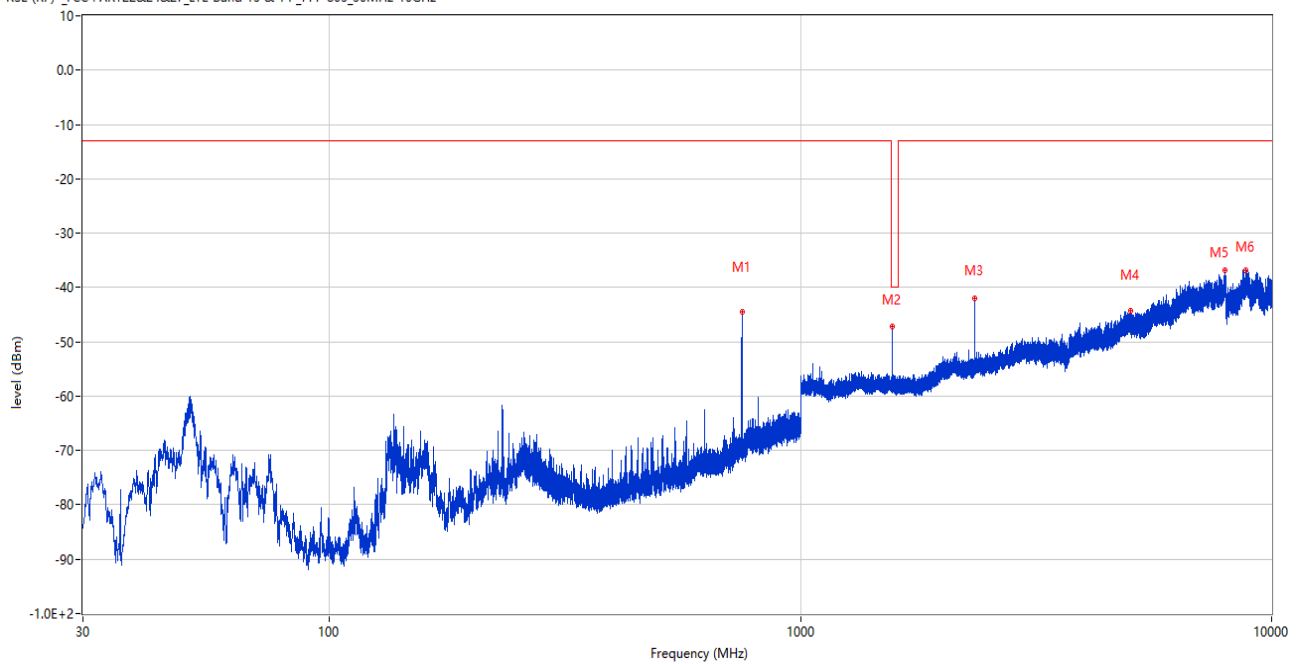


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
699.106	-28.65	3.18	-13.0	15.65	117.00	Vertical	Horizontal	N/A
2097.900	-42.94	-0.07	-13.0	29.94	346.00	Vertical	Horizontal	Pass
2791.600	-44.47	3.40	-13.0	31.47	171.00	Vertical	Horizontal	Pass
6710.250	-38.79	16.66	-13.0	25.79	270.00	Vertical	Horizontal	Pass
7918.500	-37.30	18.17	-13.0	24.30	239.00	Vertical	Horizontal	Pass
8844.800	-35.82	20.27	-13.0	22.82	169.00	Vertical	Horizontal	Pass

2.5 NB-IoT Band 13

Band:NB-IOT B13 Channel:MID BW:15K

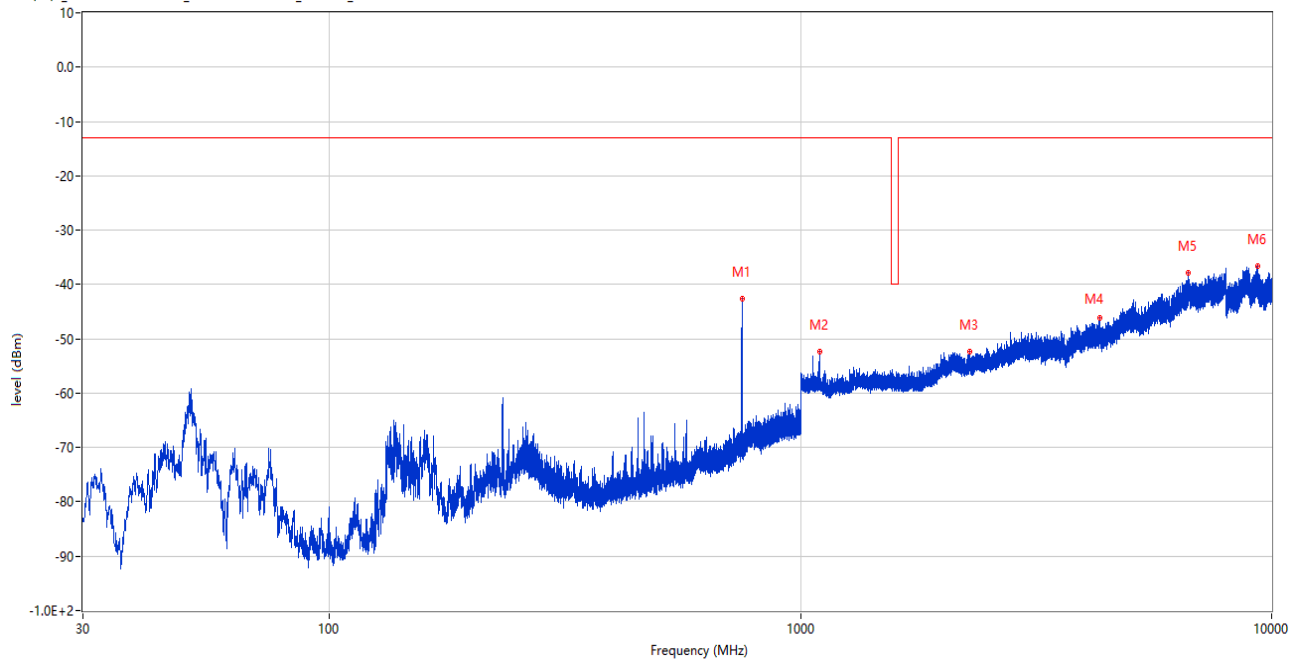
RSE (RF) _FCC PART22&24&27_LTE Band 13 & 14 _777-803_30MHz-10GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
750.953	-44.38	3.30	-13.0	31.38	91.00	Horizontal	Horizontal	N/A
1565.000	-47.17	-3.17	-40.0	7.17	108.00	Horizontal	Horizontal	Pass
2346.700	-41.90	0.87	-13.0	28.90	257.00	Horizontal	Horizontal	Pass
5023.000	-44.32	12.26	-13.0	31.32	360.00	Horizontal	Horizontal	Pass
7957.250	-36.78	18.39	-13.0	23.78	350.00	Horizontal	Horizontal	Pass
8824.300	-36.74	19.94	-13.0	23.74	59.00	Horizontal	Horizontal	Pass

Band:NB-IOT B13 Channel:MID BW:15K

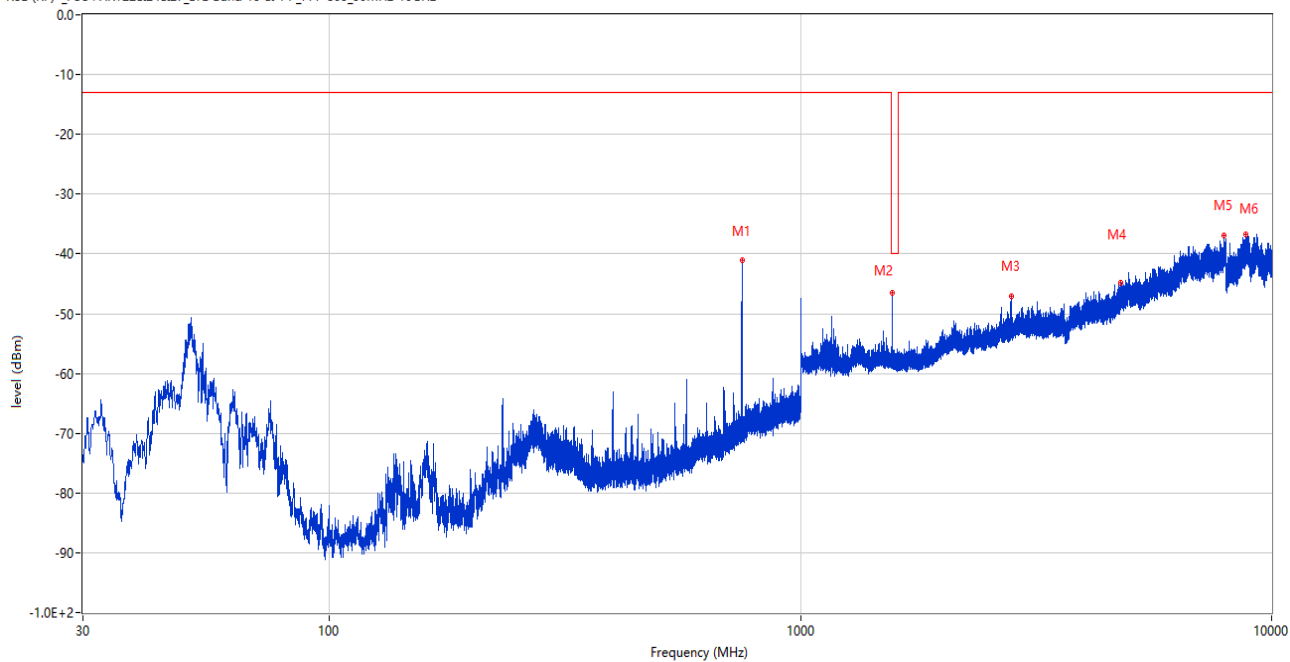
RSE (RF) _FCC PART22&24&27_LTE Band 13 & 14 _777-803_30MHz-10GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
751.001	-42.71	3.30	-13.0	29.71	41.00	Horizontal	Vertical	N/A
1096.500	-52.40	-3.23	-13.0	39.40	360.00	Horizontal	Vertical	Pass
2283.200	-52.33	0.00	-13.0	39.33	68.00	Horizontal	Vertical	Pass
4316.250	-46.14	10.03	-13.0	33.14	110.00	Horizontal	Vertical	Pass
6663.250	-37.90	16.37	-13.0	24.90	301.00	Horizontal	Vertical	Pass
9336.500	-36.64	19.30	-13.0	23.64	214.00	Horizontal	Vertical	Pass

Band:NB-IOT B13 Channel:MID BW:15K

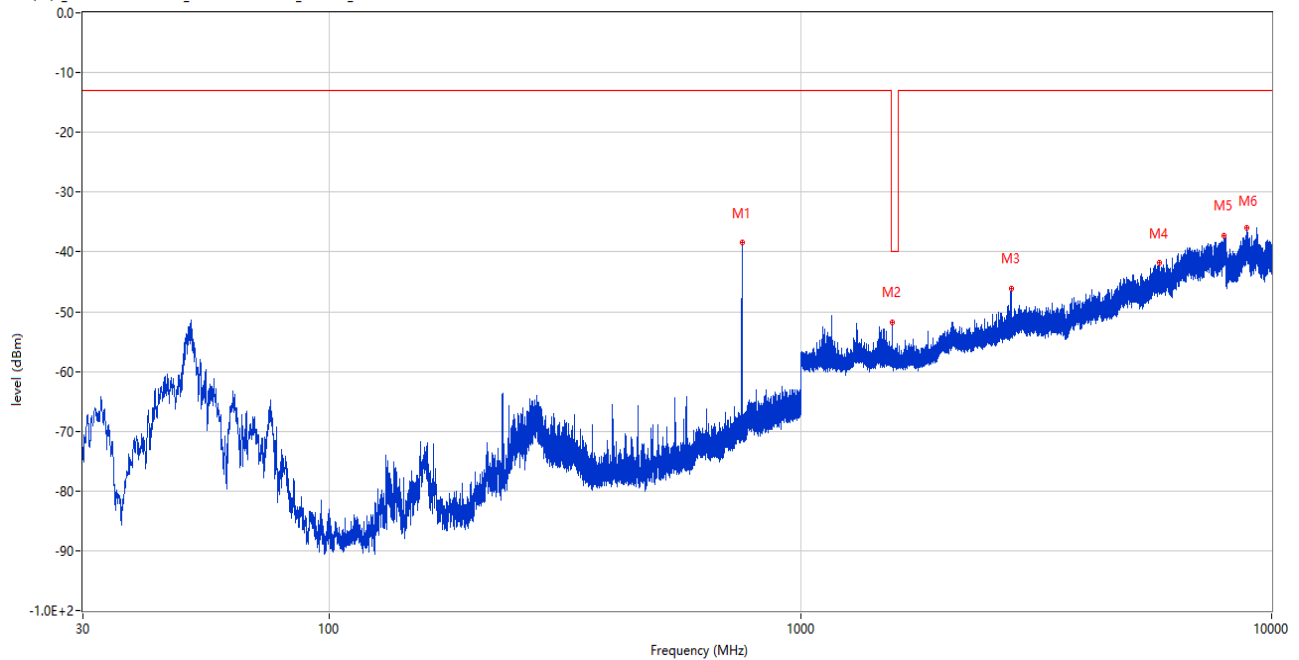
RSE (RF) _FCC PART22&24&27_LTE Band 13 & 14 _777-803_30MHz-10GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
750.953	-41.09	3.30	-13.0	28.09	2.00	Vertical	Vertical	N/A
1565.000	-46.51	-3.17	-40.0	6.51	33.00	Vertical	Vertical	Pass
2800.200	-47.08	3.56	-13.0	34.08	172.00	Vertical	Vertical	Pass
4792.500	-44.87	12.75	-13.0	31.87	110.00	Vertical	Vertical	Pass
7937.500	-36.83	18.95	-13.0	23.83	256.00	Vertical	Vertical	Pass
8812.000	-36.70	19.74	-13.0	23.70	37.00	Vertical	Vertical	Pass

Band:NB-IOT B13 Channel:MID BW:15K

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

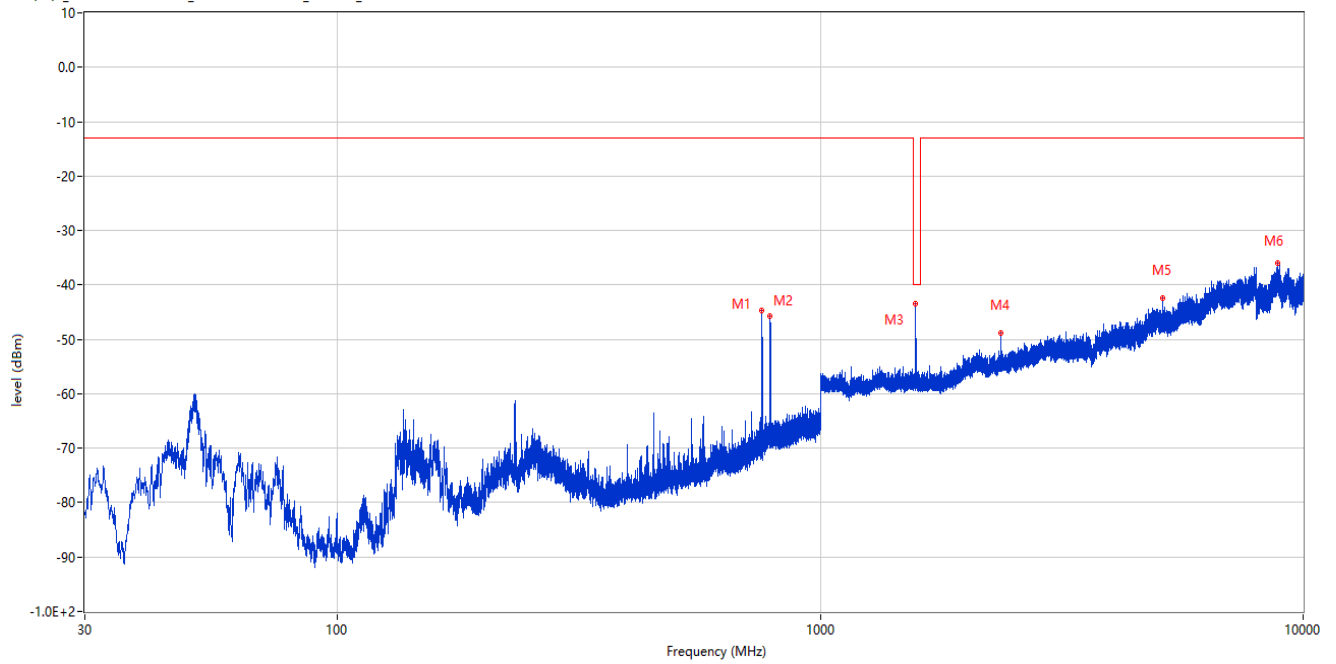


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
750.953	-38.44	3.30	-13.0	25.44	360.00	Vertical	Horizontal	N/A
1565.100	-51.71	-3.17	-40.0	11.71	43.00	Vertical	Horizontal	Pass
2800.100	-46.07	3.54	-13.0	33.07	163.00	Vertical	Horizontal	Pass
5788.750	-41.90	14.12	-13.0	28.90	13.00	Vertical	Horizontal	Pass
7922.250	-37.38	18.28	-13.0	24.38	3.00	Vertical	Horizontal	Pass
8852.300	-35.96	20.33	-13.0	22.96	360.00	Vertical	Horizontal	Pass

2.6 NB-IoT Band 14

Band:NB-IOT B14 Channel:LOW BW:15K

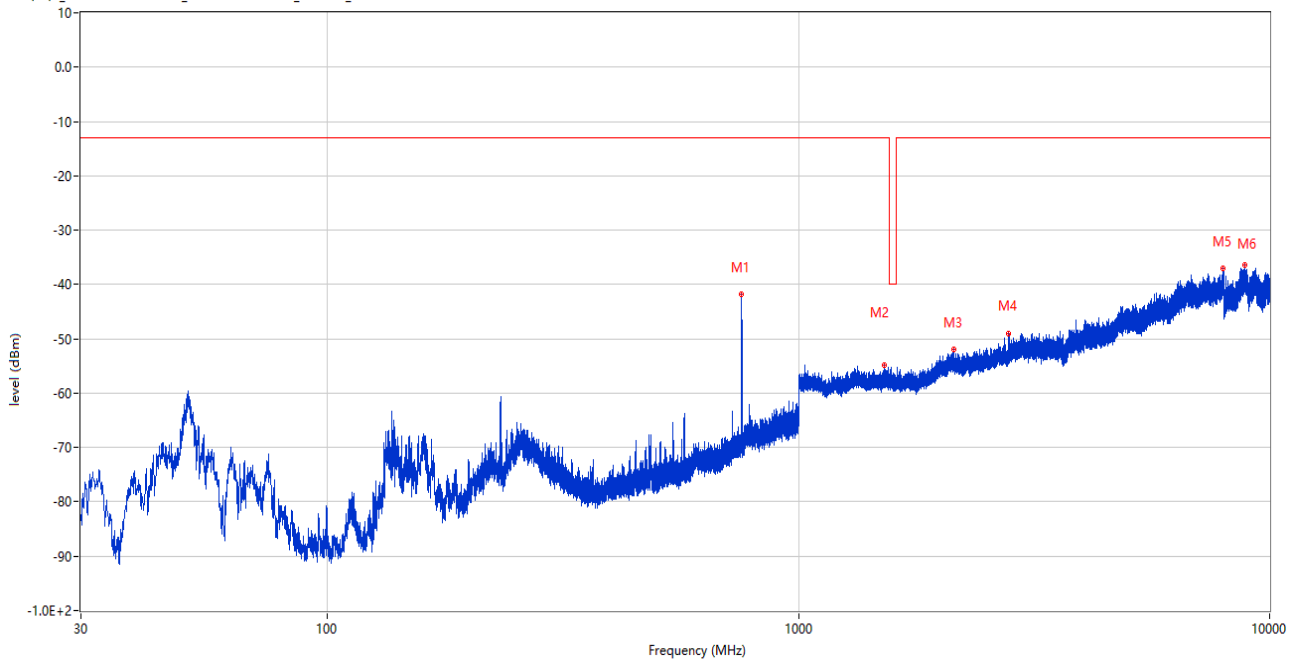
RSE (RF) _FCC PART22&24&27_LTE Band 13 & 14 _777-803_30MHz-10GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
758.130	-44.72	3.32	-13.0	31.72	2.00	Horizontal	Horizontal	N/A
788.152	-45.74	5.85	-13.0	32.74	55.00	Horizontal	Horizontal	N/A
1576.600	-43.39	-3.42	-40.0	3.39	341.00	Horizontal	Horizontal	Pass
2365.100	-48.74	0.52	-13.0	35.74	322.00	Horizontal	Horizontal	Pass
5119.500	-42.49	12.27	-13.0	29.49	318.00	Horizontal	Horizontal	Pass
8858.900	-36.06	20.25	-13.0	23.06	15.00	Horizontal	Horizontal	Pass

Band:NB-IOT B14 Channel:LOW BW:15K

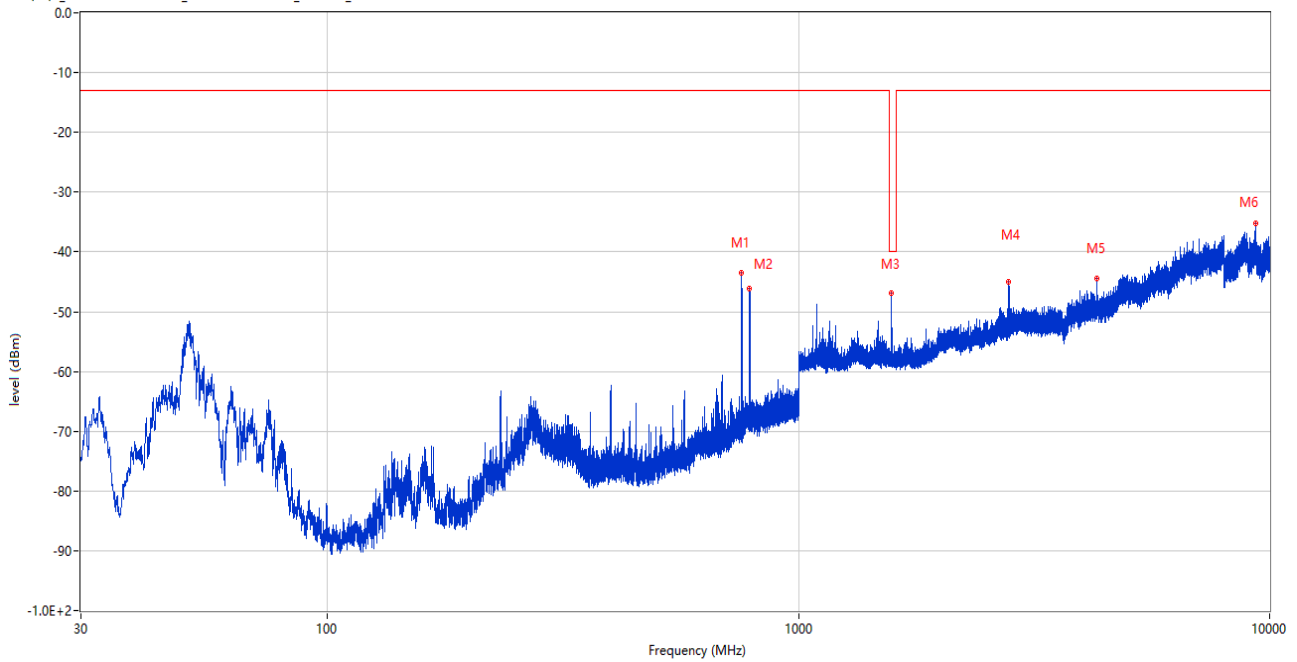
RSE (RF) _FCC PART22&24&27_LTE Band 13 & 14 _777-803_30MHz-10GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
758.082	-41.73	3.32	-13.0	28.73	98.00	Horizontal	Vertical	N/A
1522.600	-54.86	-3.31	-13.0	41.86	276.00	Horizontal	Vertical	Pass
2132.900	-51.90	-0.35	-13.0	38.90	351.00	Horizontal	Vertical	Pass
2791.000	-48.95	3.37	-13.0	35.95	276.00	Horizontal	Vertical	Pass
7949.000	-36.98	18.67	-13.0	23.98	3.00	Horizontal	Vertical	Pass
8848.300	-36.48	20.33	-13.0	23.48	360.00	Horizontal	Vertical	Pass

Band:NB-IOT B14 Channel:LOW BW:15K

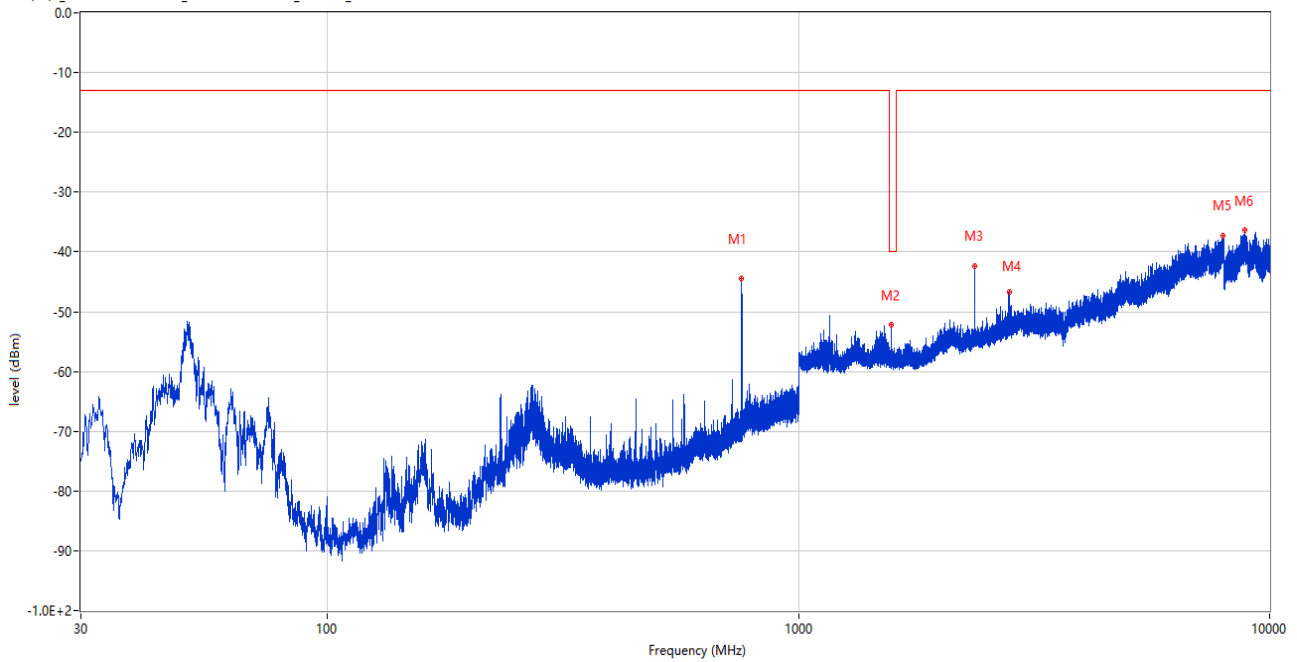
RSE (RF) _FCC PART22&24&27_LTE Band 13 & 14 _777-803_30MHz-10GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
758.082	-43.43	3.32	-13.0	30.43	261.00	Vertical	Vertical	N/A
788.152	-46.20	5.85	-13.0	33.20	109.00	Vertical	Vertical	N/A
1577.200	-46.97	-3.44	-40.0	6.97	50.00	Vertical	Vertical	Pass
2794.700	-45.04	3.52	-13.0	32.04	172.00	Vertical	Vertical	Pass
4307.750	-44.41	10.57	-13.0	31.41	350.00	Vertical	Vertical	Pass
9327.100	-35.18	19.43	-13.0	22.18	257.00	Vertical	Vertical	Pass

Band:NB-IOT B14 Channel:LOW BW:15K

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

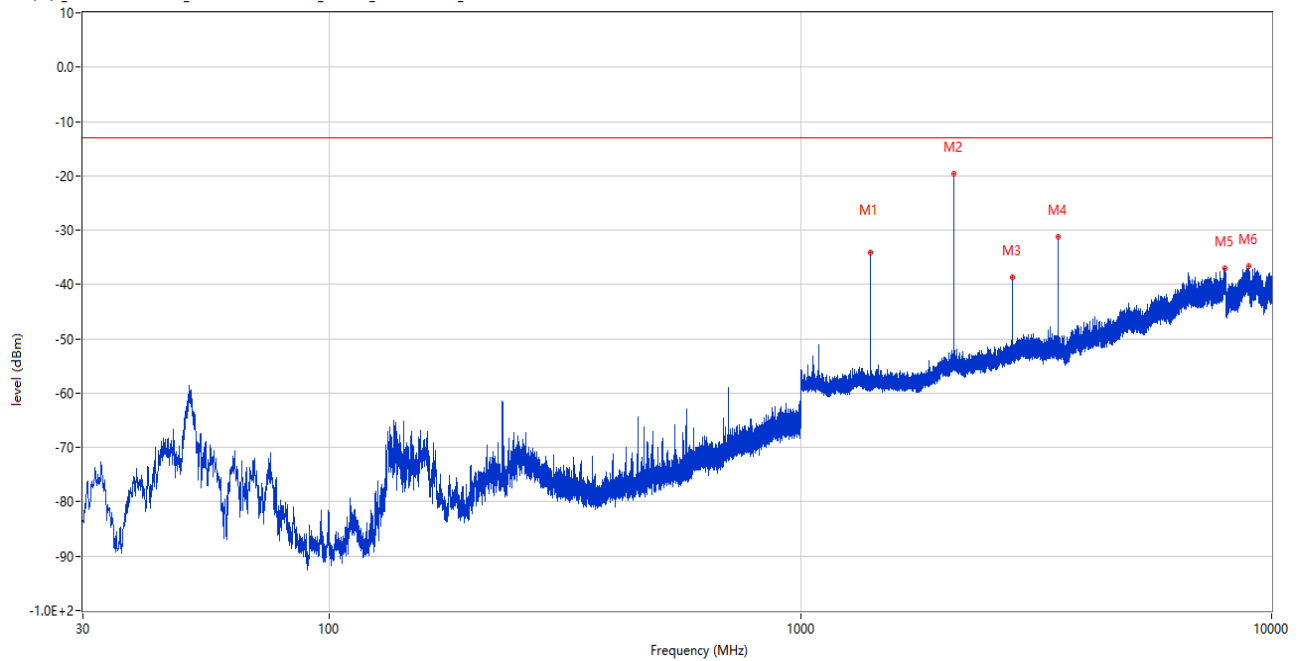


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
758.130	-44.41	3.32	-13.0	31.41	3.00	Vertical	Horizontal	N/A
1577.100	-52.23	-3.44	-40.0	12.23	52.00	Vertical	Horizontal	Pass
2365.000	-42.28	0.51	-13.0	29.28	71.00	Vertical	Horizontal	Pass
2799.900	-46.70	3.52	-13.0	33.70	268.00	Vertical	Horizontal	Pass
7964.500	-37.25	18.08	-13.0	24.25	269.00	Vertical	Horizontal	Pass
8848.000	-36.40	20.33	-13.0	23.40	350.00	Vertical	Horizontal	Pass

2.7 NB-IoT Band 17

Band:NB-IOT B17 Channel:LOW BW:15K

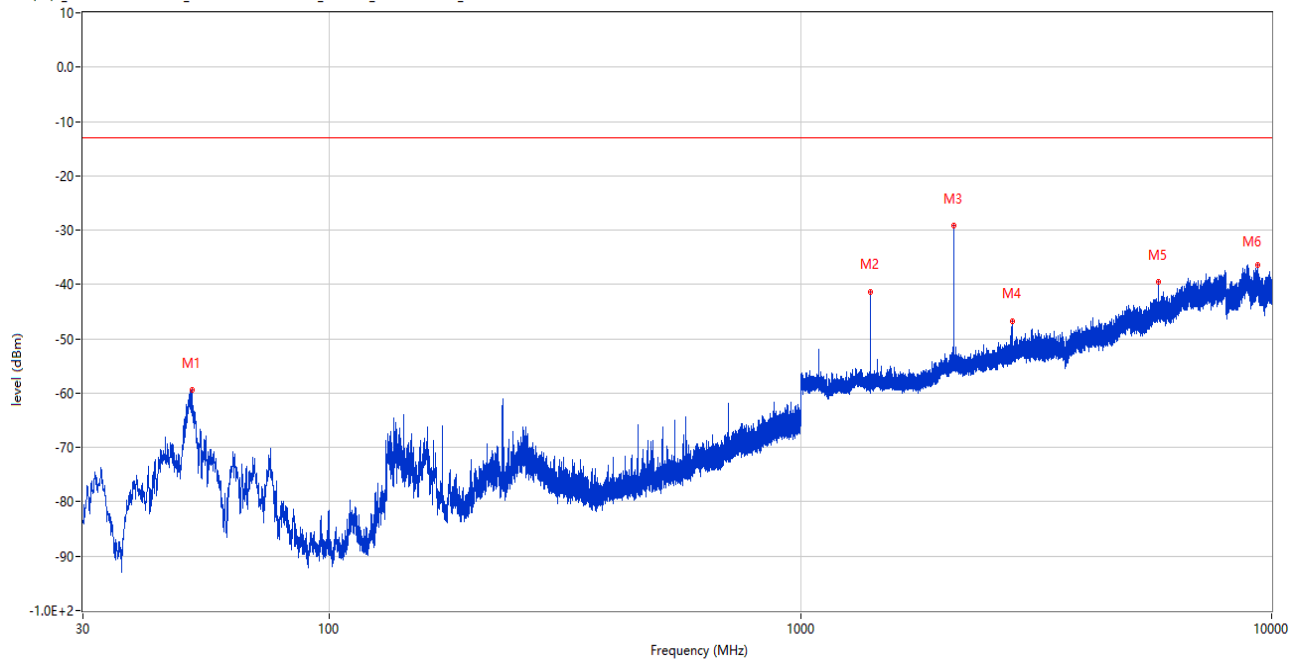
RSE (RF) _FCC PART22&24&27_LTE B12 & B17 & B28 _699-748_30MHz-10GHz_



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
1409.100	-34.03	-3.39	-13.0	21.03	107.00	Horizontal	Horizontal	Pass
2113.100	-19.60	0.24	-13.0	6.60	302.00	Horizontal	Horizontal	Pass
2817.300	-38.72	3.39	-13.0	25.72	43.00	Horizontal	Horizontal	Pass
3521.000	-31.20	6.63	-13.0	18.20	1.00	Horizontal	Horizontal	Pass
7942.250	-37.00	18.92	-13.0	24.00	1.00	Horizontal	Horizontal	Pass
8954.800	-36.61	19.29	-13.0	23.61	280.00	Horizontal	Horizontal	Pass

Band:NB-IOT B17 Channel:LOW BW:15K

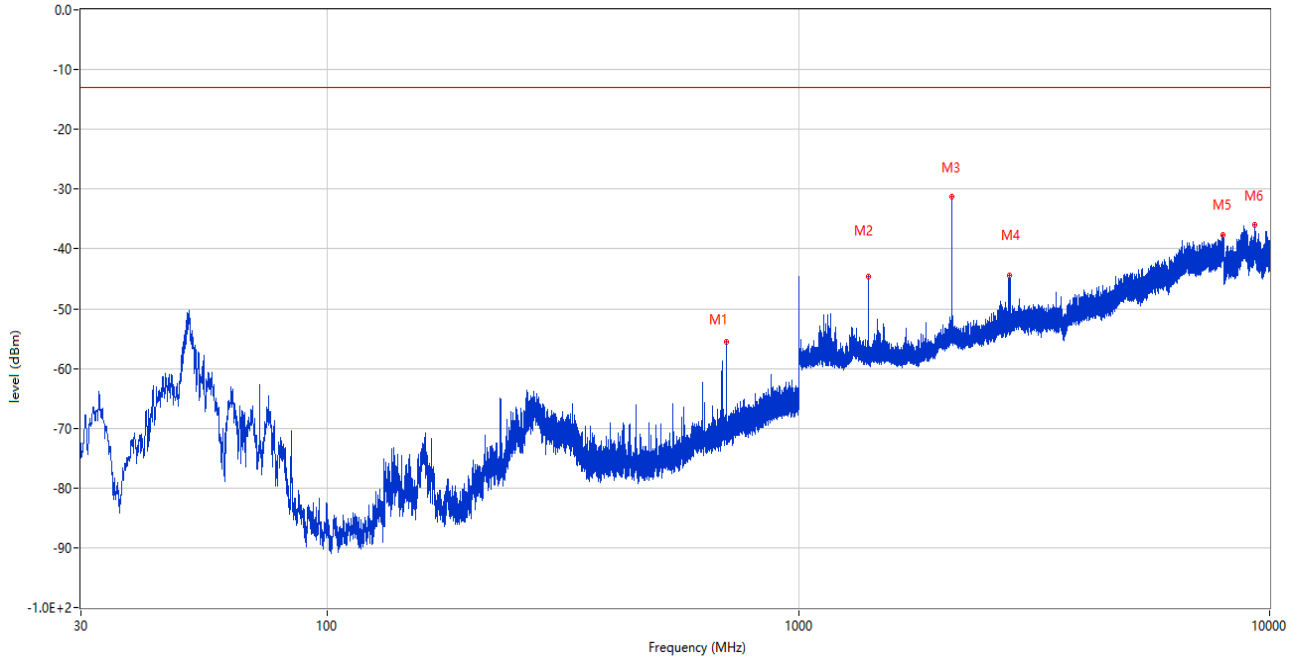
RSE (RF) _FCC PART22&24&27_LTE B12 & B17 & B28 _699-748_30MHz-10GHz_



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
51.097	-59.40	-16.47	-13.0	46.40	162.00	Horizontal	Vertical	Pass
1409.100	-41.29	-3.39	-13.0	28.29	154.00	Horizontal	Vertical	Pass
2113.100	-29.14	0.24	-13.0	16.14	5.00	Horizontal	Vertical	Pass
2817.300	-46.68	3.39	-13.0	33.68	51.00	Horizontal	Vertical	Pass
5748.500	-39.50	14.05	-13.0	26.50	105.00	Horizontal	Vertical	Pass
9337.600	-36.32	19.29	-13.0	23.32	354.00	Horizontal	Vertical	Pass

Band:NB-IOT B17 Channel:LOW BW:15K

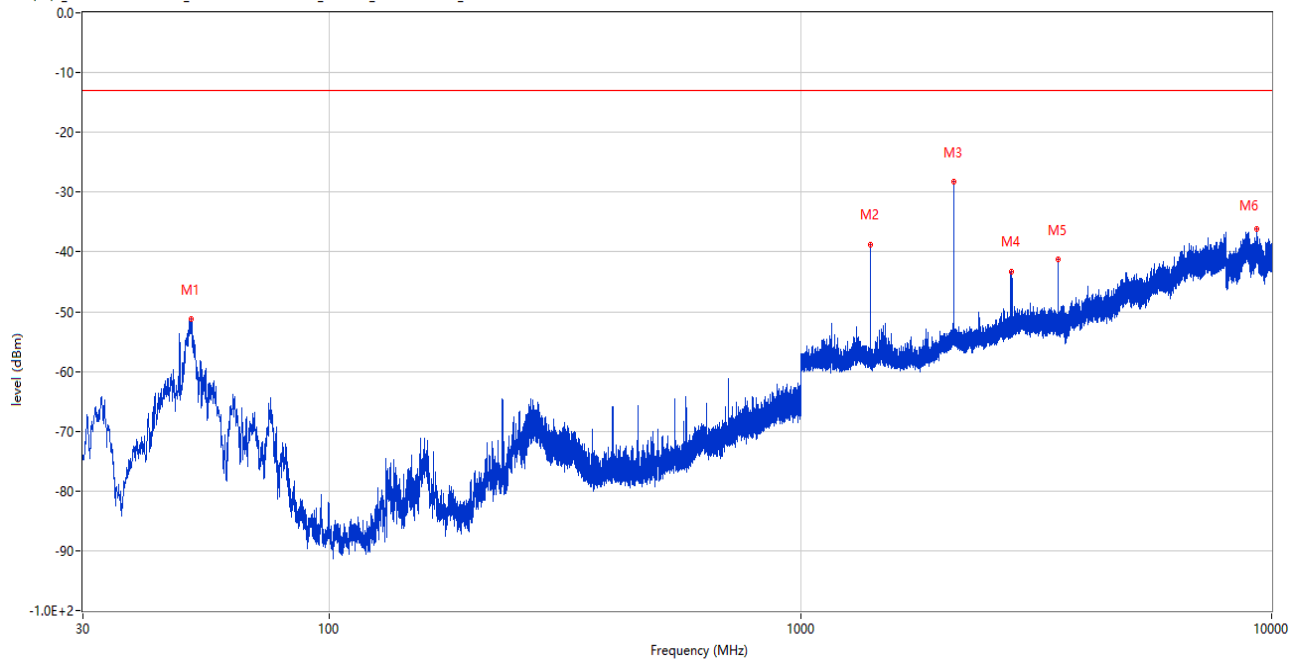
RSE (RF) _FCC PART22&24&27_LTE B12 & B17 & B28 _699-748_30MHz-10GHz_



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
704.102	-55.46	3.30	-13.0	42.46	120.00	Vertical	Vertical	N/A
1409.000	-44.61	-3.40	-13.0	31.61	172.00	Vertical	Vertical	Pass
2113.100	-31.33	0.24	-13.0	18.33	200.00	Vertical	Vertical	Pass
2799.000	-44.42	3.58	-13.0	31.42	172.00	Vertical	Vertical	Pass
7943.500	-37.64	18.88	-13.0	24.64	14.00	Vertical	Vertical	Pass
9313.901	-36.06	19.61	-13.0	23.06	360.00	Vertical	Vertical	Pass

Band:NB-IOT B17 Channel:LOW BW:15K

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

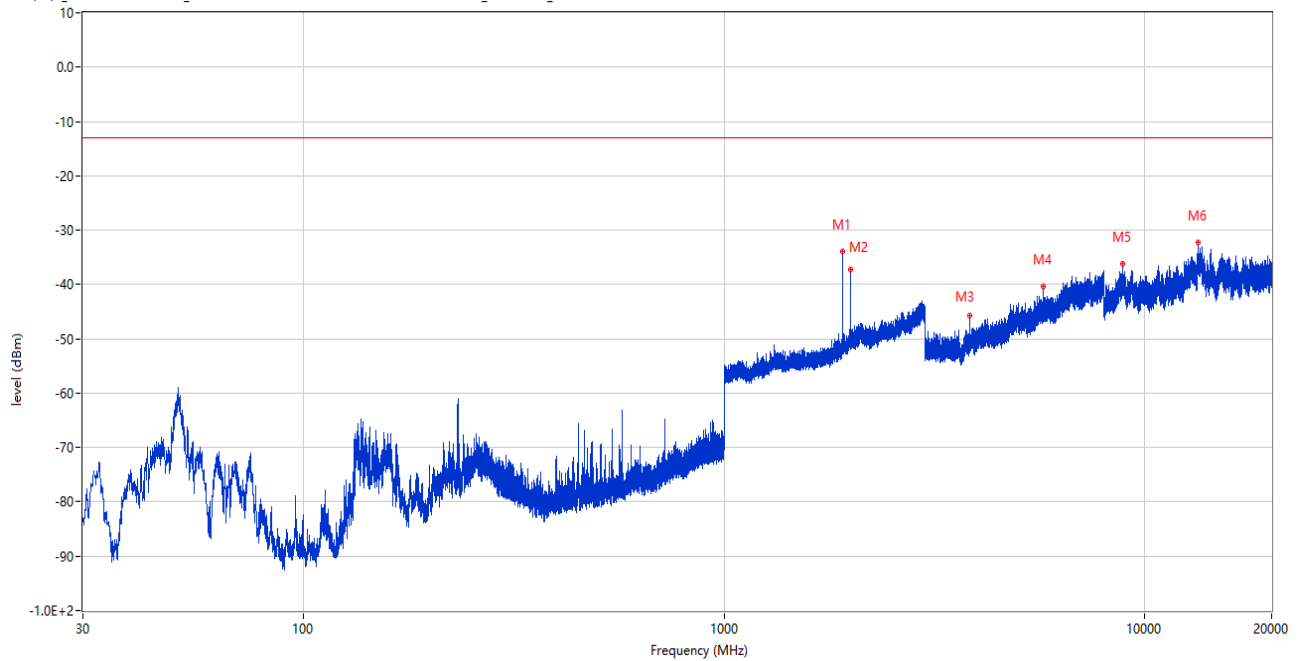


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
50.952	-51.25	-16.44	-13.0	38.25	104.00	Vertical	Horizontal	Pass
1409.200	-38.74	-3.38	-13.0	25.74	90.00	Vertical	Horizontal	Pass
2113.200	-28.33	0.24	-13.0	15.33	52.00	Vertical	Horizontal	Pass
2800.800	-43.28	3.66	-13.0	30.28	173.00	Vertical	Horizontal	Pass
3521.000	-41.30	6.63	-13.0	28.30	1.00	Vertical	Horizontal	Pass
9306.401	-36.21	19.71	-13.0	23.21	360.00	Vertical	Horizontal	Pass

2.8 NB-IoT Band 25

Band:NB-IOT B25 Channel:HIGH BW:15K

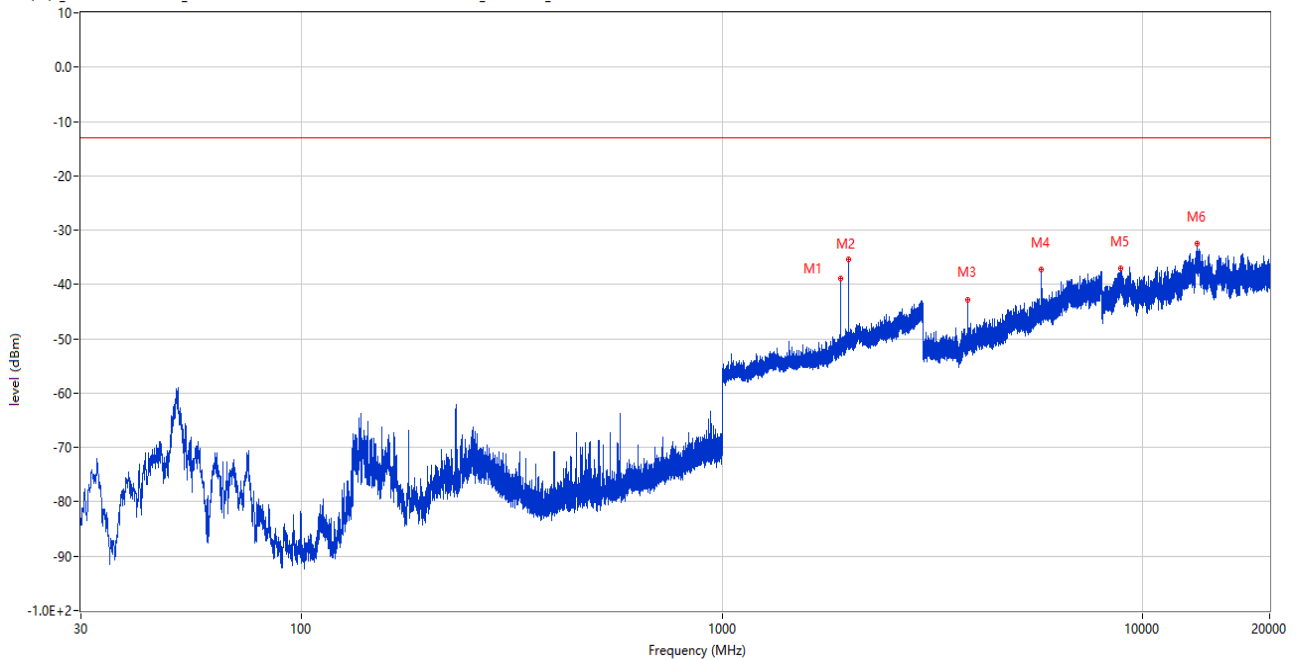
RSE (RF) _FCC PART22&24&27_CDMA BC1 & WCDMA Band 2 & LTE Band 2 & 25 _1830-1920_30MHz-20GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
1915.700	-33.93	3.20	-13.0	20.93	216.00	Horizontal	Horizontal	N/A
1995.700	-37.32	4.29	-13.0	24.32	280.00	Horizontal	Horizontal	N/A
3830.500	-45.70	8.92	-13.0	32.70	9.00	Horizontal	Horizontal	Pass
5745.250	-40.34	14.04	-13.0	27.34	90.00	Horizontal	Horizontal	Pass
8864.026	-36.25	20.19	-13.0	23.25	123.00	Horizontal	Horizontal	Pass
13350.662	-32.32	24.54	-13.0	19.32	356.00	Horizontal	Horizontal	Pass

Band:NB-IOT B25 Channel:HIGH BW:15K

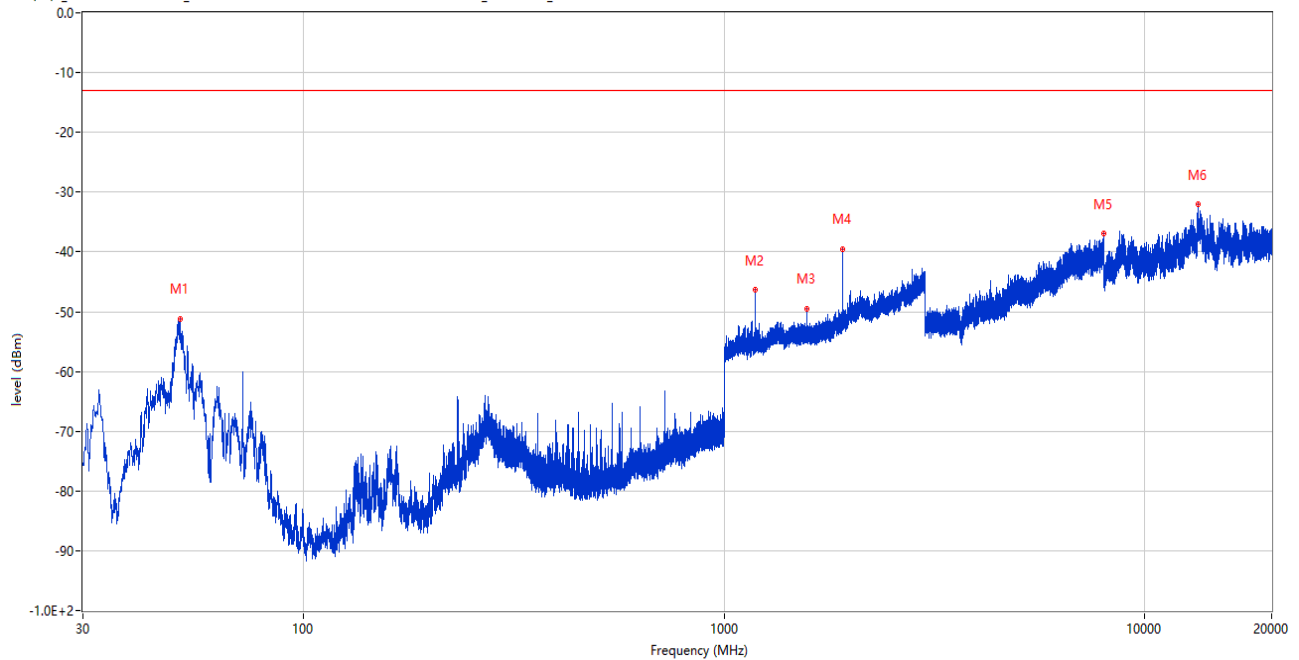
RSE (RF) _FCC PART22&24&27_CDMA BC1 & WCDMA Band 2 & LTE Band 2 & 25 _1830-1920_30MHz-20GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
1915.700	-38.94	3.20	-13.0	25.94	302.00	Horizontal	Vertical	N/A
1995.800	-35.37	4.29	-13.0	22.37	283.00	Horizontal	Vertical	N/A
3830.000	-42.72	8.90	-13.0	29.72	190.00	Horizontal	Vertical	Pass
5745.250	-37.32	14.04	-13.0	24.32	41.00	Horizontal	Vertical	Pass
8874.713	-37.09	20.06	-13.0	24.09	360.00	Horizontal	Vertical	Pass
13479.713	-32.47	24.17	-13.0	19.47	232.00	Horizontal	Vertical	Pass

Band:NB-IOT B25 Channel:HIGH BW:15K

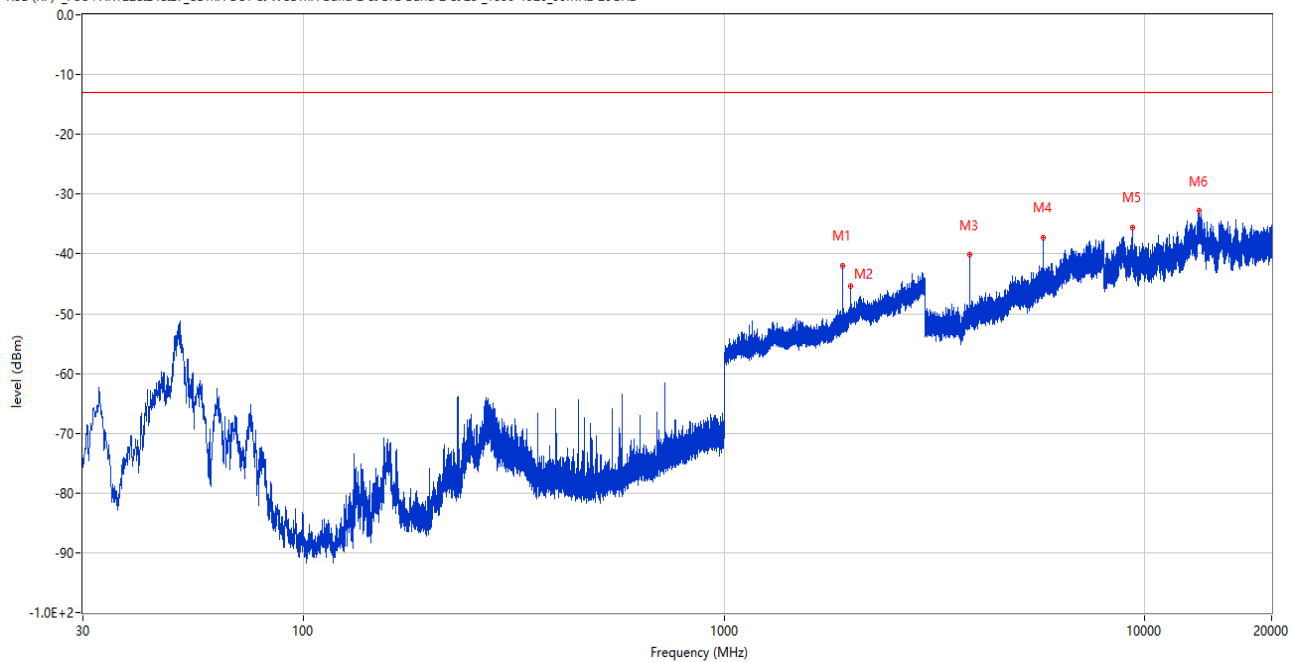
RSE (RF) _FCC PART22&24&27_CDMA BC1 & WCDMA Band 2 & LTE Band 2 & 25 _1830-1920_30MHz-20GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
50.952	-51.16	-17.41	-13.0	38.16	63.00	Vertical	Vertical	Pass
1188.400	-46.34	-0.79	-13.0	33.34	3.00	Vertical	Vertical	Pass
1571.100	-49.50	0.64	-13.0	36.50	171.00	Vertical	Vertical	Pass
1915.700	-39.53	3.20	-13.0	26.53	253.00	Vertical	Vertical	N/A
7994.000	-36.84	18.66	-13.0	23.84	336.00	Vertical	Vertical	Pass
13381.474	-32.06	24.74	-13.0	19.06	220.00	Vertical	Vertical	Pass

Band:NB-IOT B25 Channel:HIGH BW:15K

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

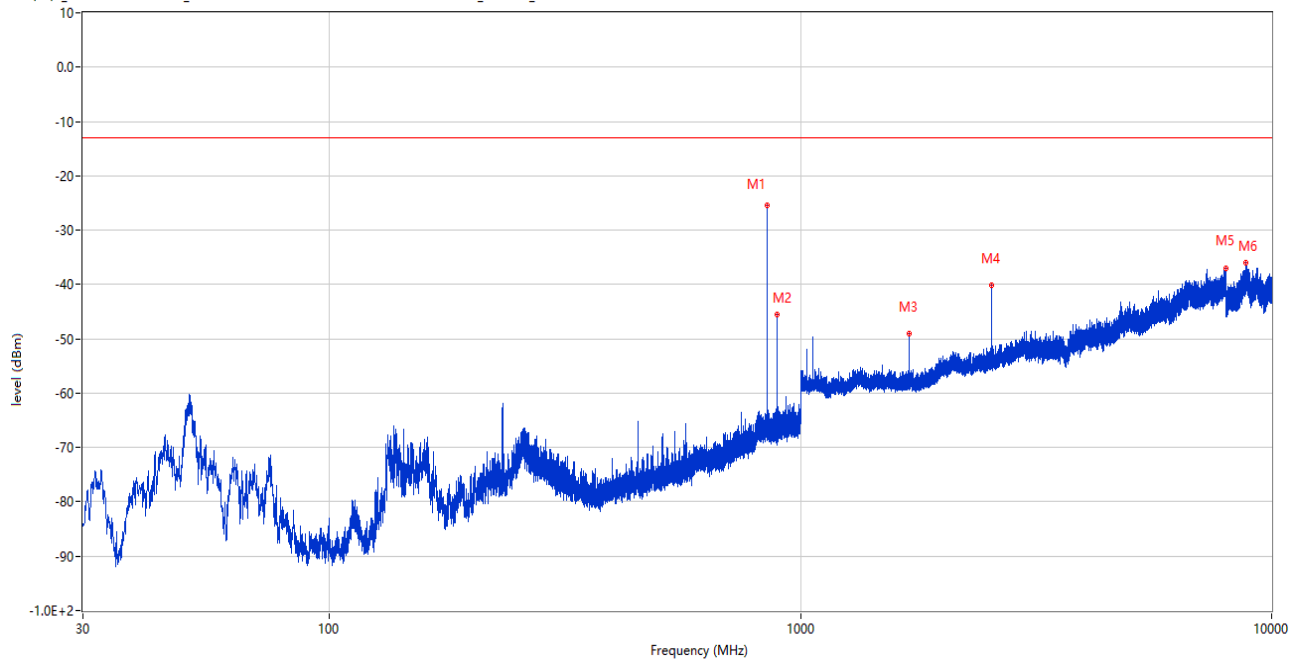


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
1915.900	-41.98	3.20	-13.0	28.98	275.00	Vertical	Horizontal	N/A
1995.800	-45.45	4.29	-13.0	32.45	265.00	Vertical	Horizontal	N/A
3830.250	-40.19	8.90	-13.0	27.19	28.00	Vertical	Horizontal	Pass
5745.500	-37.20	14.02	-13.0	24.20	301.00	Vertical	Horizontal	Pass
9324.537	-35.58	19.47	-13.0	22.58	238.00	Vertical	Horizontal	Pass
13436.575	-32.69	24.60	-13.0	19.69	53.00	Vertical	Horizontal	Pass

2.9 NB-IoT Band 26 (Part22)

Band:NB-IOT B26 Channel:HIGH BW:15K

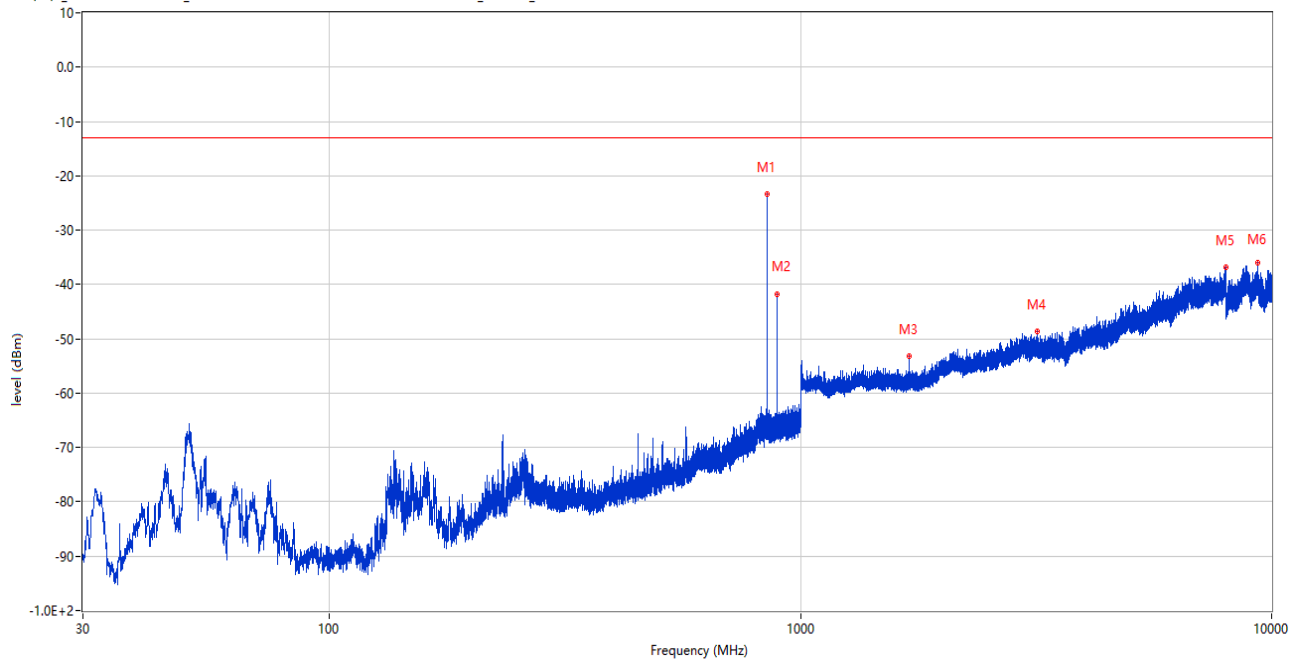
RSE (RF) _FCC PART22&24&27_CDMA BC0 & WCDMA Band5 & LTE Band 5 & 26 _814-849_30MHz-10GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
848.971	-25.38	7.32	-13.0	12.38	0.00	Horizontal	Horizontal	N/A
893.979	-45.57	6.87	-13.0	32.57	205.00	Horizontal	Horizontal	N/A
1698.600	-48.98	-3.61	-13.0	35.98	121.00	Horizontal	Horizontal	Pass
2547.600	-40.10	1.52	-13.0	27.10	28.00	Horizontal	Horizontal	Pass
7986.500	-36.95	18.26	-13.0	23.95	59.00	Horizontal	Horizontal	Pass
8832.300	-36.08	20.07	-13.0	23.08	301.00	Horizontal	Horizontal	Pass

Band:NB-IOT B26 Channel:HIGH BW:15K

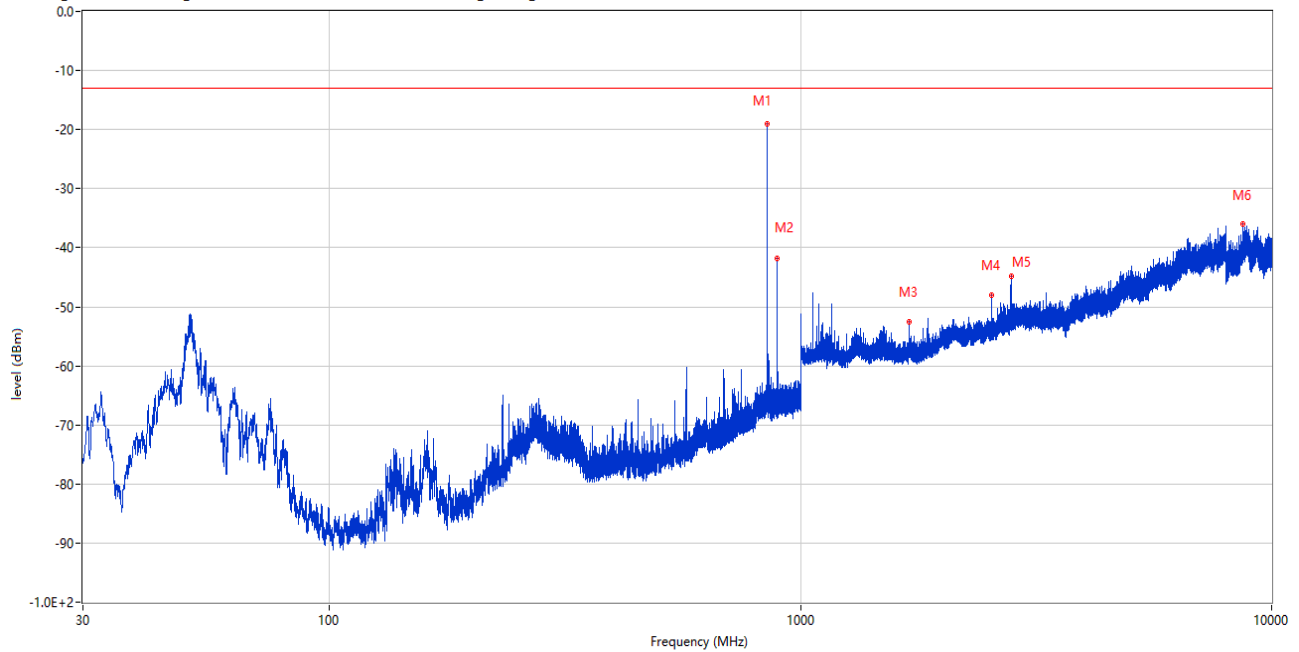
RSE (RF) _FCC PART22&24&27_CDMA BC0 & WCDMA Band5 & LTE Band 5 & 26 _814-849_30MHz-10GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
848.971	-23.40	7.32	-13.0	10.40	354.00	Horizontal	Vertical	N/A
893.930	-41.81	6.88	-13.0	28.81	259.00	Horizontal	Vertical	N/A
1699.000	-53.17	-3.64	-13.0	40.17	157.00	Horizontal	Vertical	Pass
3185.500	-48.70	7.18	-13.0	35.70	348.00	Horizontal	Vertical	Pass
7981.250	-36.90	18.13	-13.0	23.90	285.00	Horizontal	Vertical	Pass
9323.000	-36.09	19.49	-13.0	23.09	360.00	Horizontal	Vertical	Pass

Band:NB-IOT B26 Channel:HIGH BW:15K

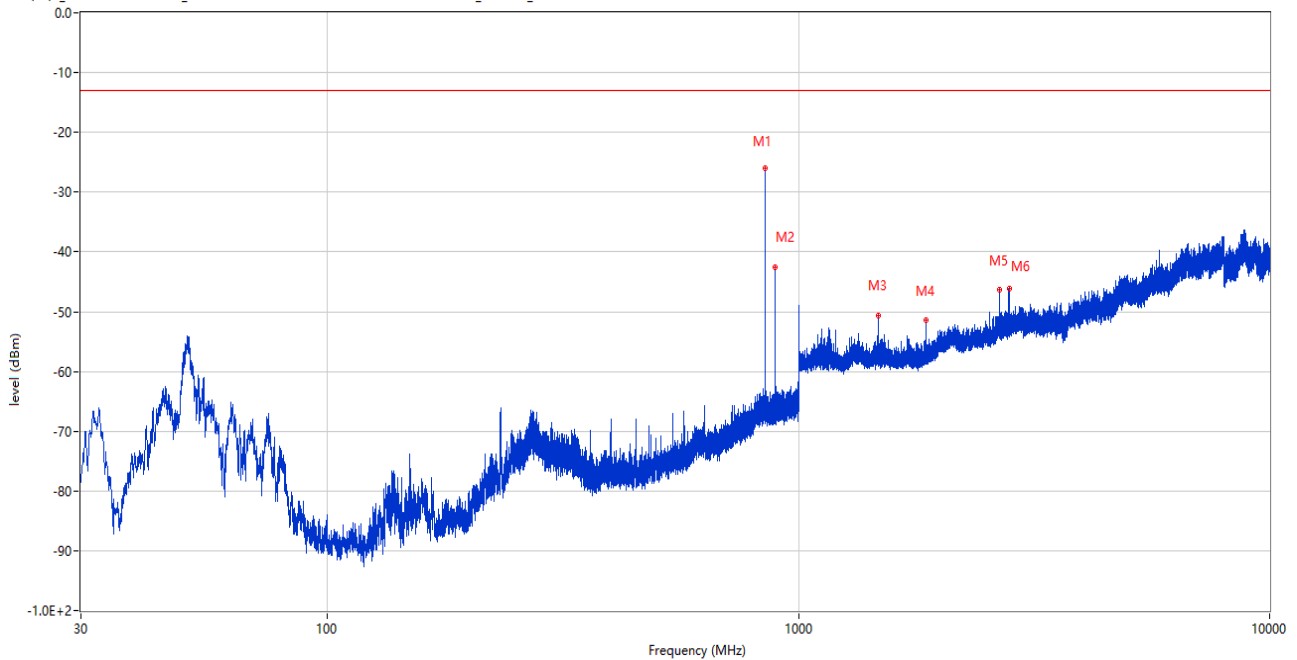
RSE (RF) _FCC PART22&24&27_CDMA BC0 & WCDMA Band5 & LTE Band 5 & 26 _814-849_30MHz-10GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
848.971	-18.95	7.32	-13.0	5.95	1.00	Vertical	Vertical	N/A
893.979	-41.86	6.87	-13.0	28.86	360.00	Vertical	Vertical	N/A
1698.800	-52.59	-3.63	-13.0	39.59	120.00	Vertical	Vertical	Pass
2547.400	-48.10	1.52	-13.0	35.10	53.00	Vertical	Vertical	Pass
2798.200	-44.82	3.65	-13.0	31.82	177.00	Vertical	Vertical	Pass
8696.001	-35.92	19.30	-13.0	22.92	258.00	Vertical	Vertical	Pass

Band:NB-IOT B26 Channel:HIGH BW:15K

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

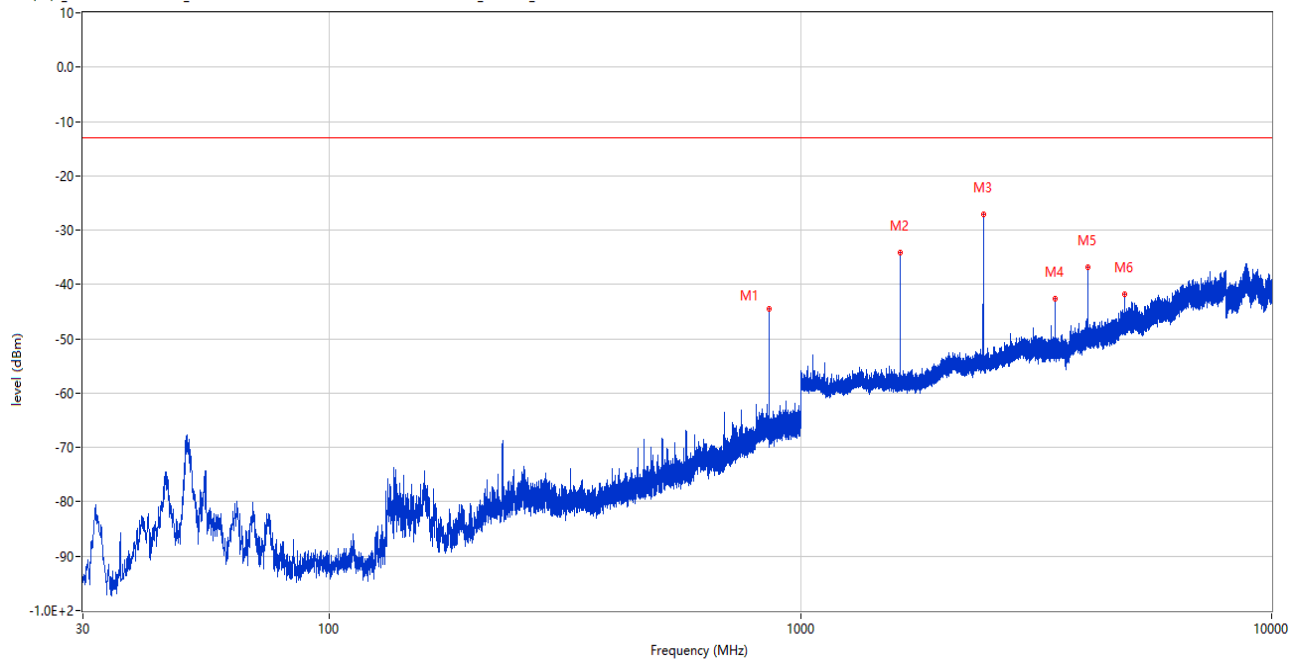


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
848.922	-25.93	7.32	-13.0	12.93	139.00	Vertical	Horizontal	N/A
893.882	-42.48	6.88	-13.0	29.48	139.00	Vertical	Horizontal	N/A
1479.600	-50.67	-3.24	-13.0	37.67	223.00	Vertical	Horizontal	Pass
1863.100	-51.43	-2.94	-13.0	38.43	251.00	Vertical	Horizontal	Pass
2675.200	-46.37	2.72	-13.0	33.37	185.00	Vertical	Horizontal	Pass
2797.800	-46.11	3.61	-13.0	33.11	157.00	Vertical	Horizontal	Pass

2.10 NB-IoT Band 26 (Part90)

Band:NB-IOT B26 Channel:LOW BW:15K

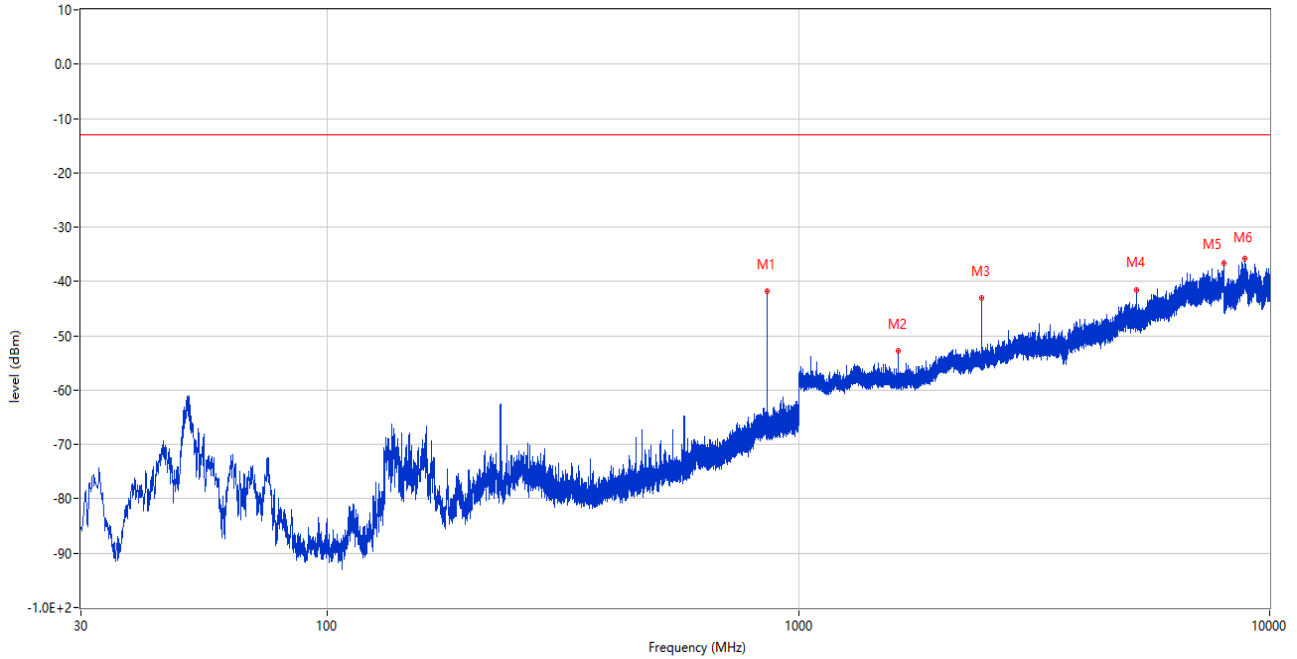
RSE (RF) _FCC PART22&24&27_CDMA BC0 & WCDMA Band5 & LTE Band 5 & 26 _814-849_30MHz-10GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
859.156	-44.44	6.22	-13.0	31.44	63.00	Horizontal	Horizontal	N/A
1629.000	-34.14	-3.83	-13.0	21.14	88.00	Horizontal	Horizontal	Pass
2443.200	-27.13	0.29	-13.0	14.13	316.00	Horizontal	Horizontal	Pass
3474.250	-42.67	7.73	-13.0	29.67	61.00	Horizontal	Horizontal	Pass
4071.250	-36.91	10.26	-13.0	23.91	325.00	Horizontal	Horizontal	Pass
4885.000	-41.85	12.56	-13.0	28.85	360.00	Horizontal	Horizontal	Pass

Band:NB-IOT B26 Channel:LOW BW:15K

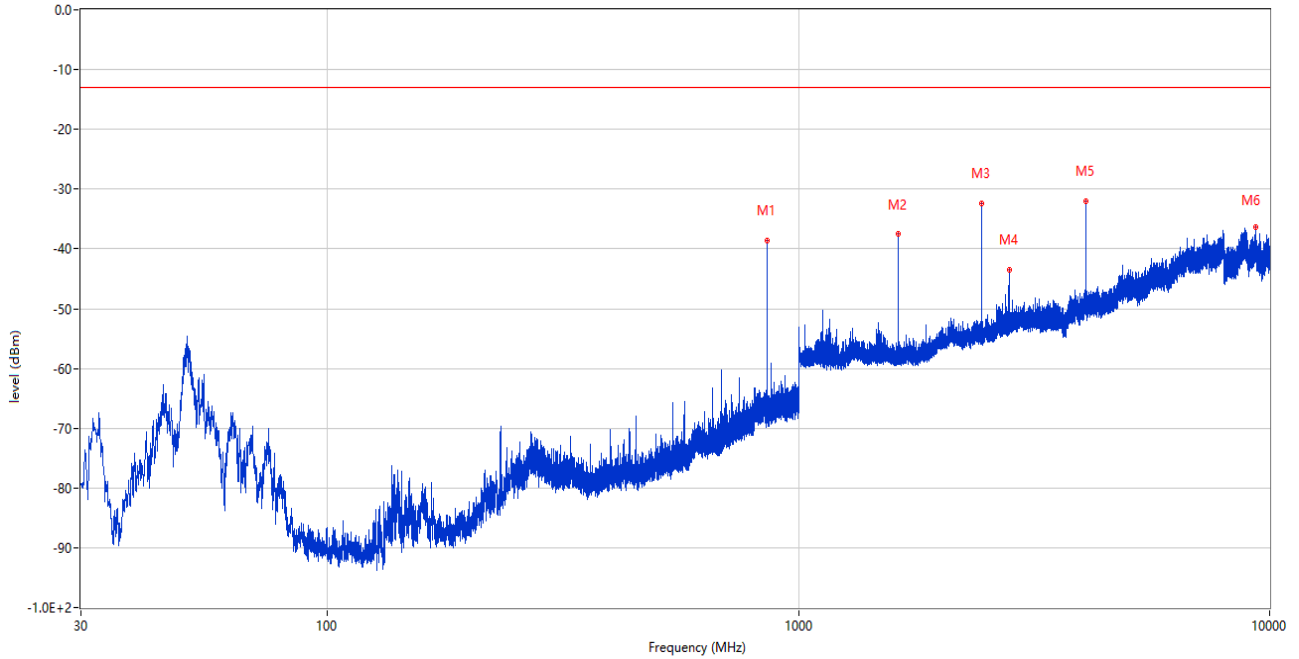
RSE (RF) _FCC PART22&24&27_CDMA BC0 & WCDMA Band5 & LTE Band 5 & 26 _814-849_30MHz-10GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
859.156	-41.79	6.22	-13.0	28.79	46.00	Horizontal	Vertical	N/A
1629.300	-52.77	-3.86	-13.0	39.77	147.00	Horizontal	Vertical	Pass
2443.100	-42.99	0.29	-13.0	29.99	157.00	Horizontal	Vertical	Pass
5216.500	-41.50	12.36	-13.0	28.50	75.00	Horizontal	Vertical	Pass
7989.000	-36.71	18.39	-13.0	23.71	360.00	Horizontal	Vertical	Pass
8858.401	-35.76	20.26	-13.0	22.76	255.00	Horizontal	Vertical	Pass

Band:NB-IOT B26 Channel:LOW BW:15K

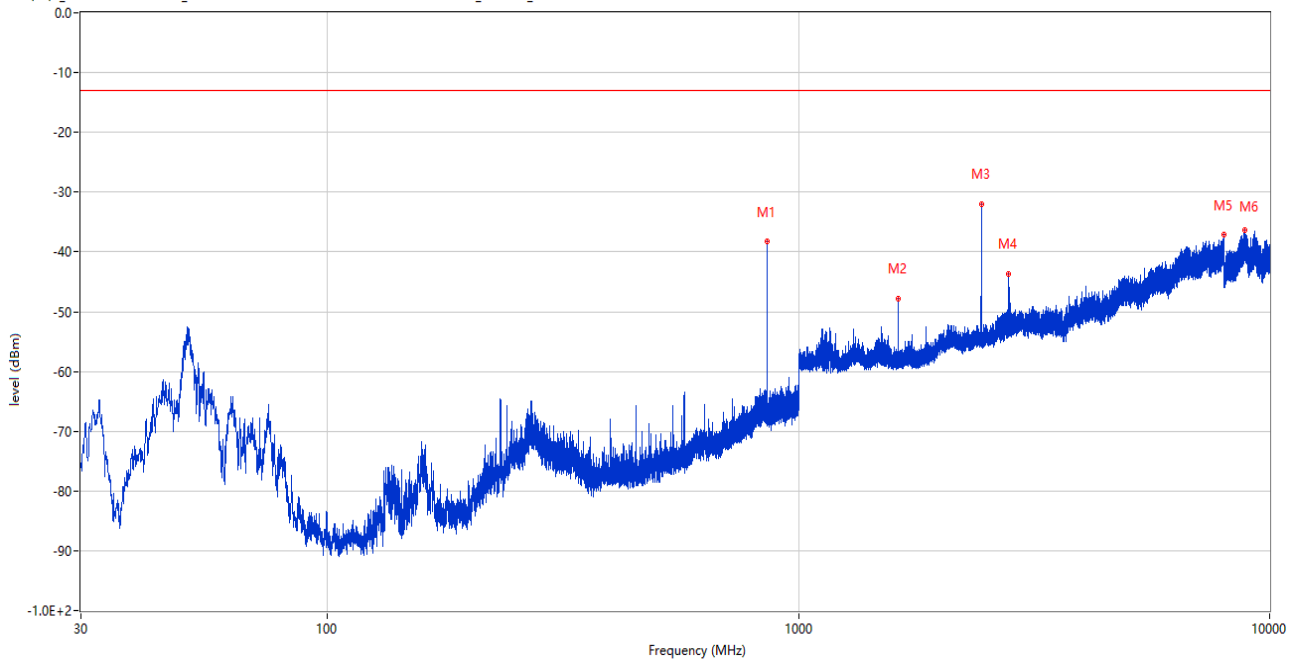
RSE (RF) _FCC PART22&24&27_CDMA BC0 & WCDMA Band5 & LTE Band 5 & 26 _814-849_30MHz-10GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
859.059	-38.57	6.23	-13.0	25.57	289.00	Vertical	Vertical	N/A
1629.100	-37.51	-3.84	-13.0	24.51	306.00	Vertical	Vertical	Pass
2443.400	-32.31	0.28	-13.0	19.31	137.00	Vertical	Vertical	Pass
2800.600	-43.49	3.63	-13.0	30.49	259.00	Vertical	Vertical	Pass
4070.750	-31.98	10.28	-13.0	18.98	220.00	Vertical	Vertical	Pass
9327.300	-36.33	19.43	-13.0	23.33	82.00	Vertical	Vertical	Pass

Band:NB-IOT B26 Channel:LOW BW:15K

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

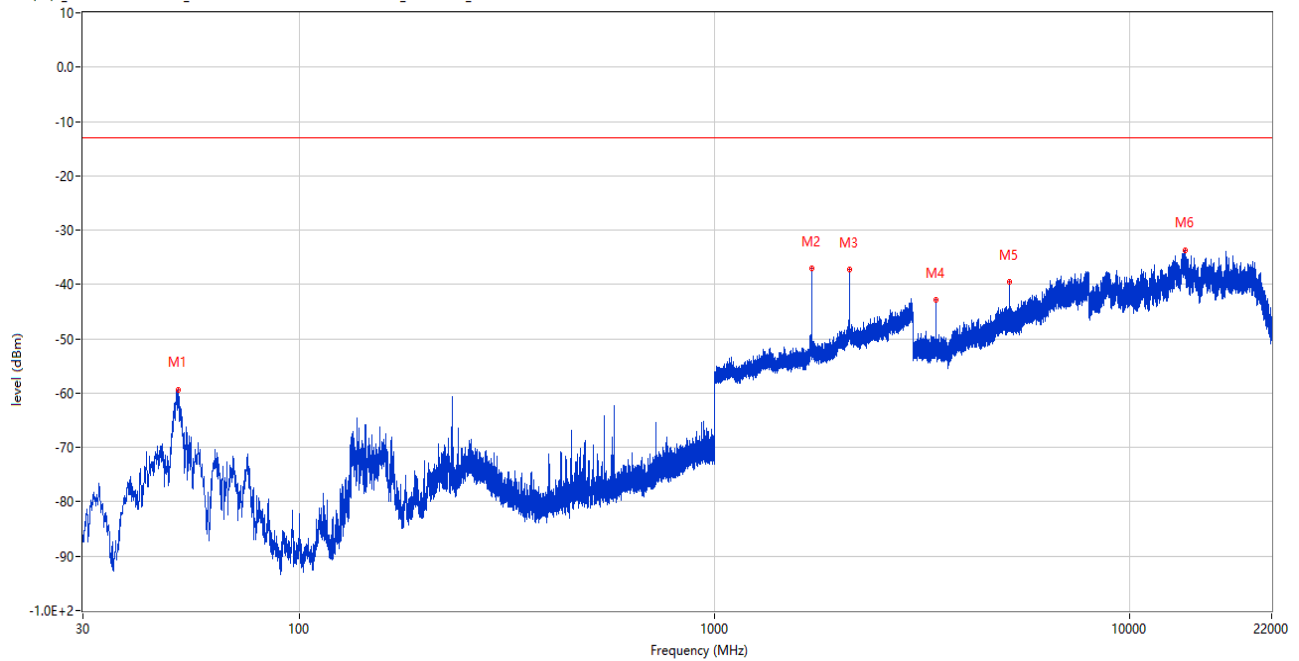


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
859.059	-38.24	6.23	-13.0	25.24	360.00	Vertical	Horizontal	N/A
1629.200	-47.82	-3.85	-13.0	34.82	17.00	Vertical	Horizontal	Pass
2443.300	-31.93	0.28	-13.0	18.93	25.00	Vertical	Horizontal	Pass
2792.700	-43.61	3.40	-13.0	30.61	175.00	Vertical	Horizontal	Pass
7989.500	-37.14	18.40	-13.0	24.14	74.00	Vertical	Horizontal	Pass
8855.000	-36.33	20.30	-13.0	23.33	126.00	Vertical	Horizontal	Pass

2.11 NB-IoT Band 66

Band:NB-IOT B66 Channel:LOW BW:15K

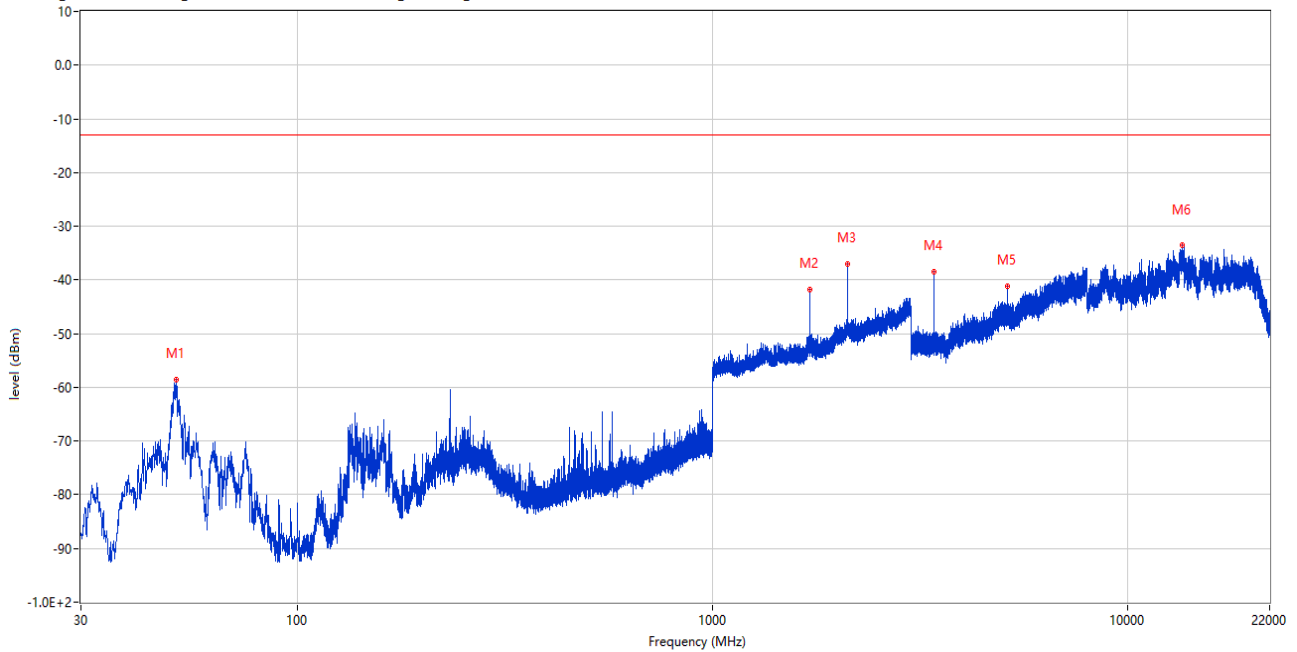
RSE (RF) _FCC PART22&24&27_WCDMA Band 4 & LTE Band 4 & 66 _1710-1785_30MHz-20GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
50.952	-59.31	-17.41	-13.0	46.31	308.00	Horizontal	Horizontal	Pass
1711.000	-36.95	2.67	-13.0	23.95	127.00	Horizontal	Horizontal	N/A
2110.900	-37.20	5.66	-13.0	24.20	276.00	Horizontal	Horizontal	N/A
3420.500	-42.80	6.97	-13.0	29.80	124.00	Horizontal	Horizontal	Pass
5131.000	-39.53	12.21	-13.0	26.53	124.00	Horizontal	Horizontal	Pass
13591.287	-33.61	24.93	-13.0	20.61	97.00	Horizontal	Horizontal	Pass

Band:NB-IOT B66 Channel:LOW BW:15K

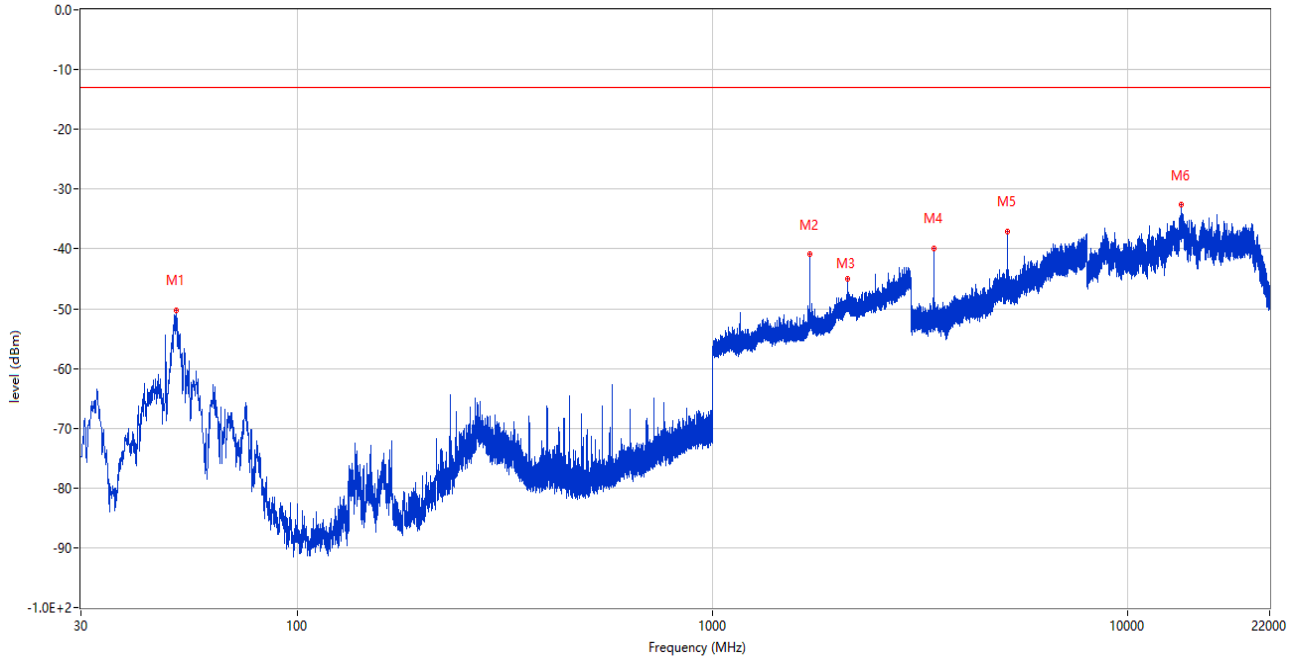
RSE (RF) _FCC PART22&24&27_WCDMA Band 4 & LTE Band 4 & 66 _1710-1785_30MHz-20GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
50.952	-58.63	-17.41	-13.0	45.63	313.00	Horizontal	Vertical	Pass
1710.900	-41.89	2.67	-13.0	28.89	149.00	Horizontal	Vertical	N/A
2111.000	-36.98	5.68	-13.0	23.98	158.00	Horizontal	Vertical	N/A
3420.750	-38.56	6.94	-13.0	25.56	318.00	Horizontal	Vertical	Pass
5130.500	-41.10	12.24	-13.0	28.10	139.00	Horizontal	Vertical	Pass
13551.974	-33.55	25.21	-13.0	20.55	40.00	Horizontal	Vertical	Pass

Band:NB-IOT B66 Channel:LOW BW:15K

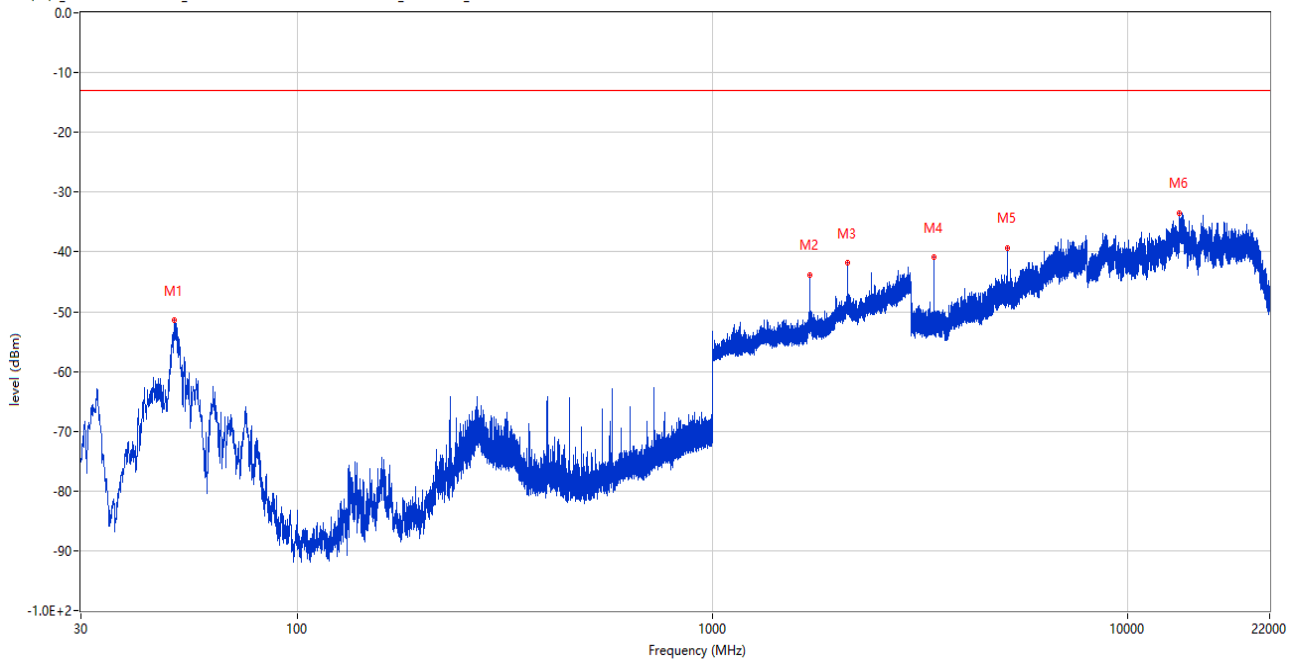
RSE (RF) _FCC PART22&24&27_WCDMA Band 4 & LTE Band 4 & 66 _1710-1785_30MHz-20GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
50.952	-50.29	-17.41	-13.0	37.29	106.00	Vertical	Vertical	Pass
1711.000	-40.90	2.67	-13.0	27.90	109.00	Vertical	Vertical	N/A
2110.700	-45.06	5.63	-13.0	32.06	174.00	Vertical	Vertical	N/A
3420.750	-39.84	6.94	-13.0	26.84	3.00	Vertical	Vertical	Pass
5131.000	-37.11	12.21	-13.0	24.11	27.00	Vertical	Vertical	Pass
13437.737	-32.63	24.59	-13.0	19.63	254.00	Vertical	Vertical	Pass

Band:NB-IOT B66 Channel:LOW BW:15K

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

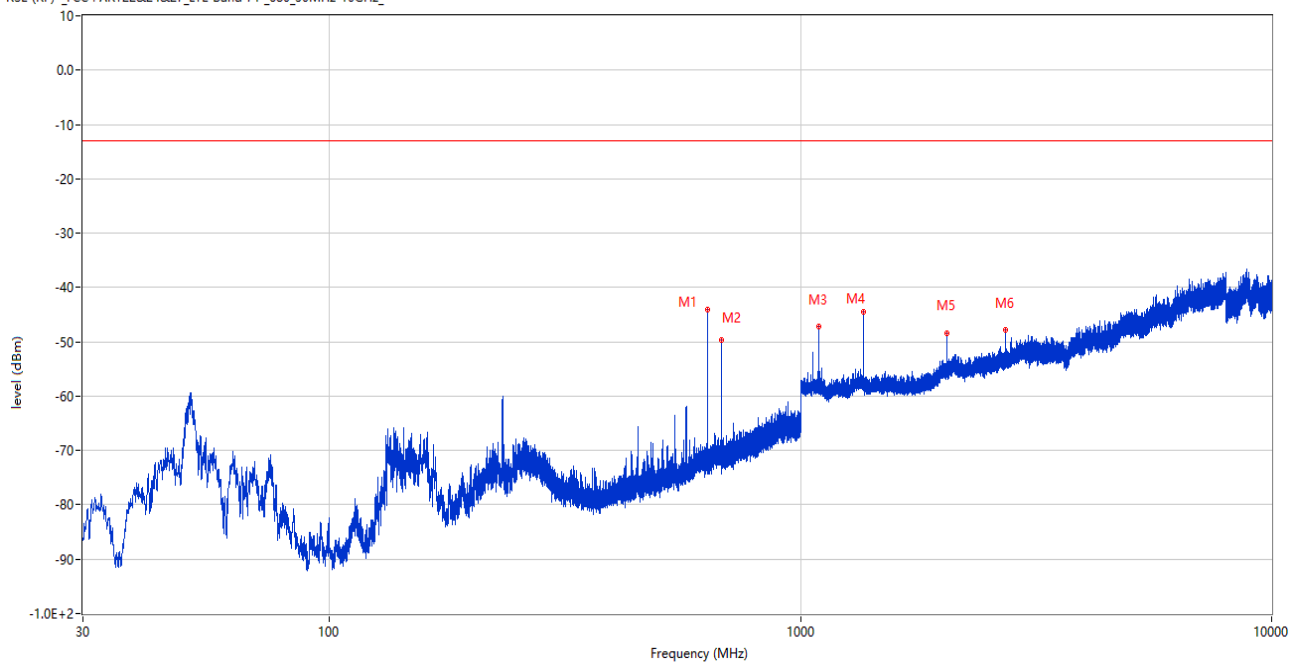


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
50.419	-51.48	-17.25	-13.0	38.48	71.00	Vertical	Horizontal	Pass
1711.100	-43.84	2.67	-13.0	30.84	206.00	Vertical	Horizontal	N/A
2111.200	-41.82	5.71	-13.0	28.82	177.00	Vertical	Horizontal	N/A
3421.000	-40.92	6.92	-13.0	27.92	26.00	Vertical	Horizontal	Pass
5130.750	-39.30	12.23	-13.0	26.30	302.00	Vertical	Horizontal	Pass
13356.338	-33.52	24.58	-13.0	20.52	332.00	Vertical	Horizontal	Pass

2.12 NB-IoT Band 71

Band:NB-IOT B71 Channel:MID BW:15K

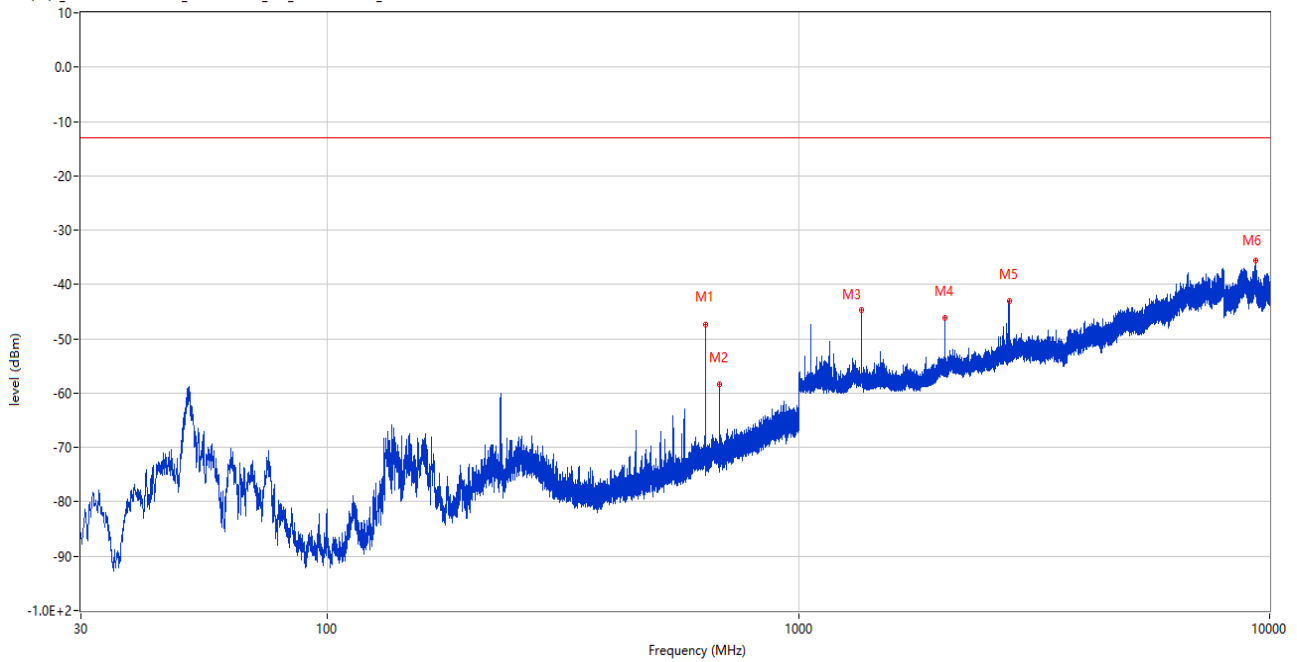
RSE (RF) _FCC PART22&24&27_LTE Band 71 _680_30MHz-10GHz_



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
634.504	-44.08	1.03	-13.0	31.08	225.00	Horizontal	Horizontal	N/A
680.579	-49.65	2.38	-13.0	36.65	360.00	Horizontal	Horizontal	N/A
1095.900	-47.14	-3.27	-13.0	34.14	223.00	Horizontal	Horizontal	Pass
1362.000	-44.54	-3.18	-13.0	31.54	101.00	Horizontal	Horizontal	Pass
2042.700	-48.33	-0.75	-13.0	35.33	44.00	Horizontal	Horizontal	Pass
2722.500	-47.74	2.17	-13.0	34.74	82.00	Horizontal	Horizontal	Pass

Band:NB-IOT B71 Channel:MID BW:15K

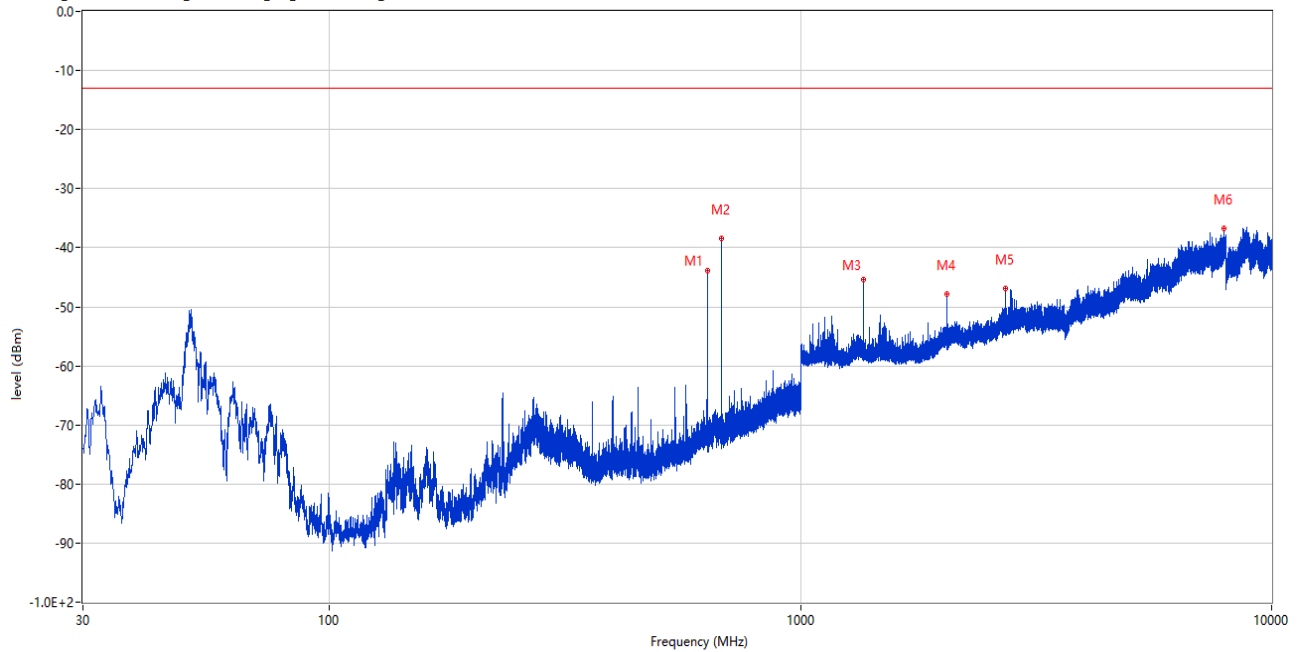
RSE (RF) _FCC PART22&24&27_LTE Band 71 _680_30MHz-10GHz_



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
634.504	-47.29	1.03	-13.0	34.29	218.00	Horizontal	Vertical	N/A
680.579	-58.44	2.38	-13.0	45.44	288.00	Horizontal	Vertical	N/A
1361.800	-44.67	-3.18	-13.0	31.67	156.00	Horizontal	Vertical	Pass
2042.200	-46.23	-0.75	-13.0	33.23	3.00	Horizontal	Vertical	Pass
2797.300	-43.07	3.56	-13.0	30.07	165.00	Horizontal	Vertical	Pass
9332.000	-35.49	19.36	-13.0	22.49	3.00	Horizontal	Vertical	Pass

Band:NB-IOT B71 Channel:MID BW:15K

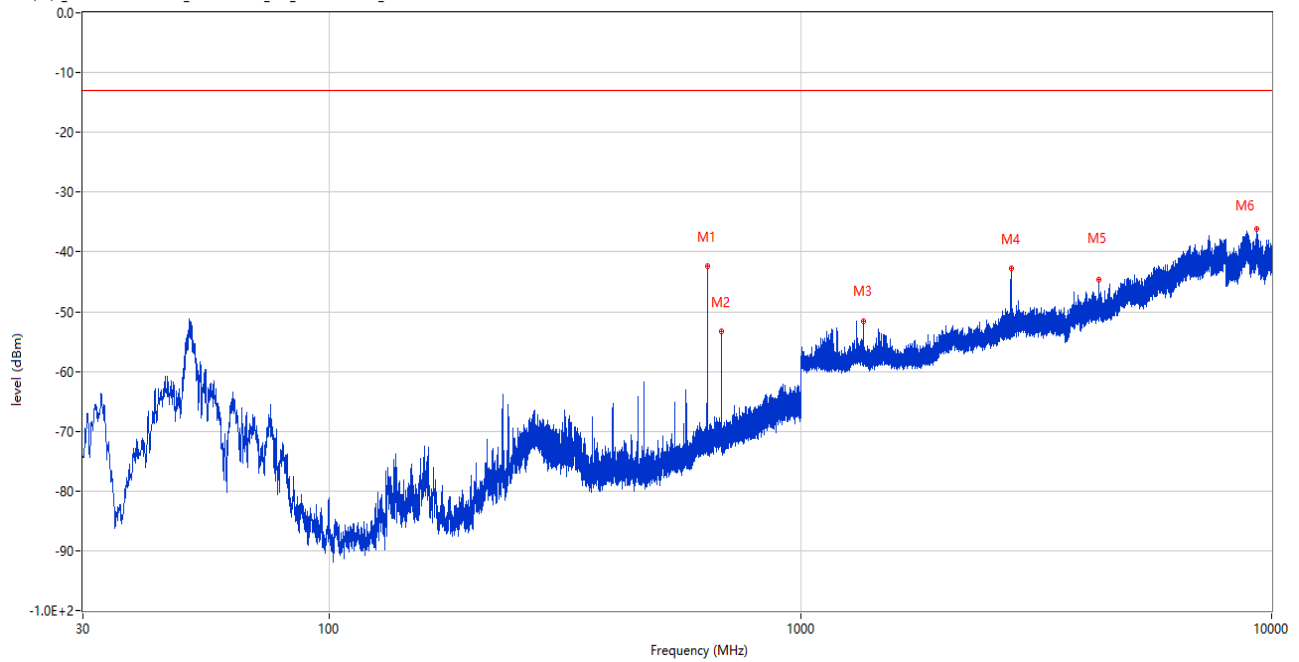
RSE (RF) _FCC PART22&24&27_LTE Band 71 _680_30MHz-10GHz_



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
634.504	-43.95	1.03	-13.0	30.95	230.00	Vertical	Vertical	N/A
680.530	-38.50	2.38	-13.0	25.50	84.00	Vertical	Vertical	N/A
1362.000	-45.36	-3.18	-13.0	32.36	167.00	Vertical	Vertical	Pass
2042.600	-47.91	-0.75	-13.0	34.91	269.00	Vertical	Vertical	Pass
2722.600	-46.96	2.17	-13.0	33.96	55.00	Vertical	Vertical	Pass
7936.250	-36.77	18.91	-13.0	23.77	123.00	Vertical	Vertical	Pass

Band:NB-IOT B71 Channel:MID BW:15K

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

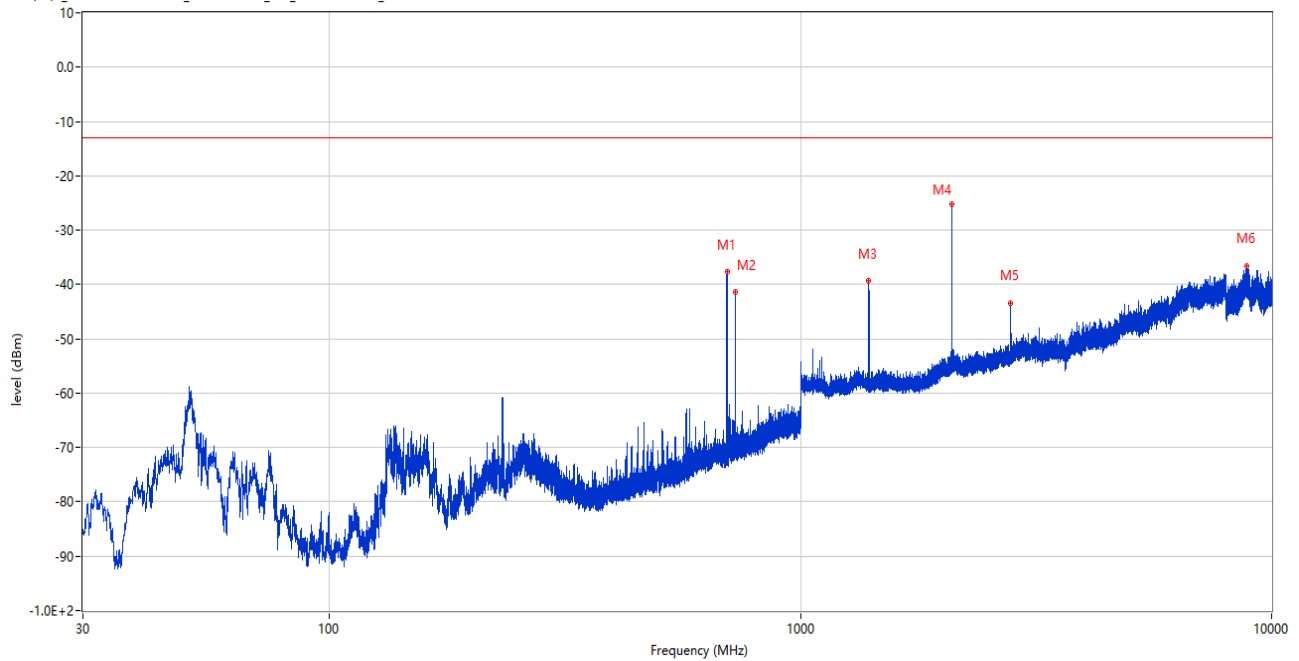


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
634.553	-42.44	1.02	-13.0	29.44	294.00	Vertical	Horizontal	N/A
680.482	-53.36	2.38	-13.0	40.36	211.00	Vertical	Horizontal	N/A
1361.800	-51.51	-3.18	-13.0	38.51	247.00	Vertical	Horizontal	Pass
2799.900	-42.83	3.52	-13.0	29.83	153.00	Vertical	Horizontal	Pass
4304.250	-44.70	10.78	-13.0	31.70	188.00	Vertical	Horizontal	Pass
9285.300	-36.16	19.41	-13.0	23.16	191.00	Vertical	Horizontal	Pass

2.13 NB-IoT Band 85

Band:NB-IOT B85 Channel:LOW BW:15K

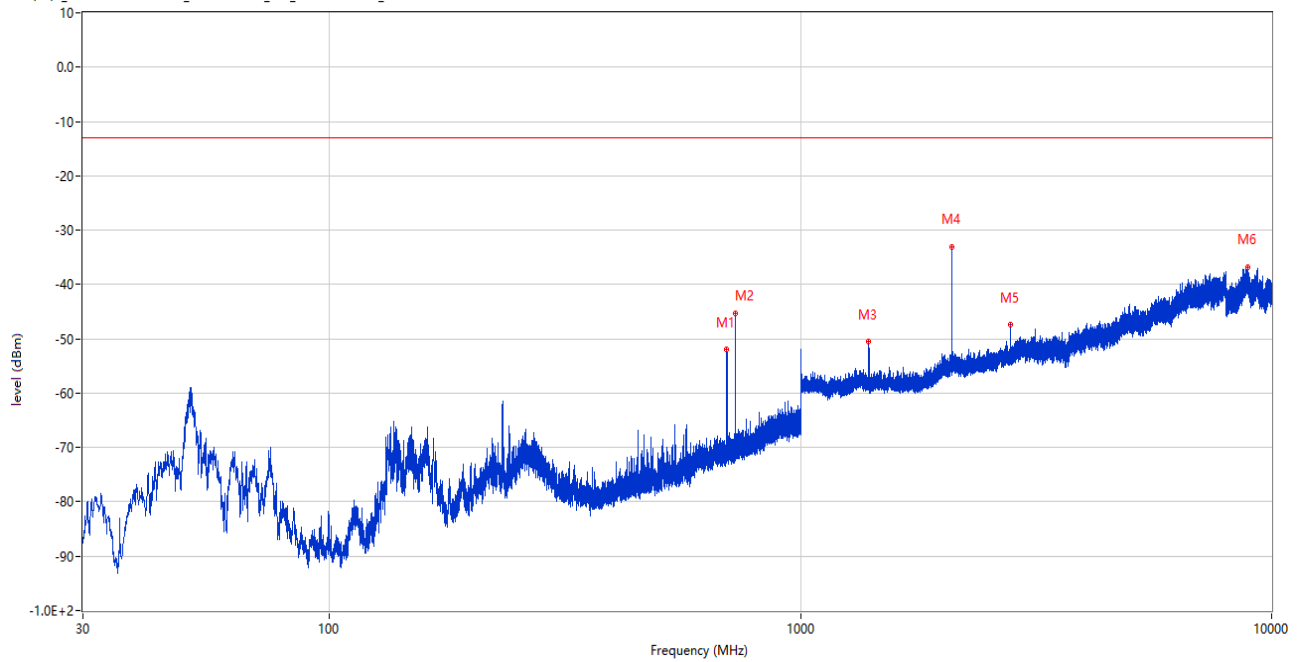
RSE (RF) _FCC PART22&24&27_LTE Band 71 _680_30MHz-10GHz_



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
698.185	-37.73	2.72	-13.0	24.73	288.00	Horizontal	Horizontal	N/A
728.109	-41.40	2.77	-13.0	28.40	34.00	Horizontal	Horizontal	N/A
1397.000	-39.38	-3.43	-13.0	26.38	129.00	Horizontal	Horizontal	Pass
2095.600	-25.29	-0.13	-13.0	12.29	93.00	Horizontal	Horizontal	Pass
2793.000	-43.37	3.44	-13.0	30.37	102.00	Horizontal	Horizontal	Pass
8838.600	-36.53	20.17	-13.0	23.53	235.00	Horizontal	Horizontal	Pass

Band:NB-IOT B85 Channel:LOW BW:15K

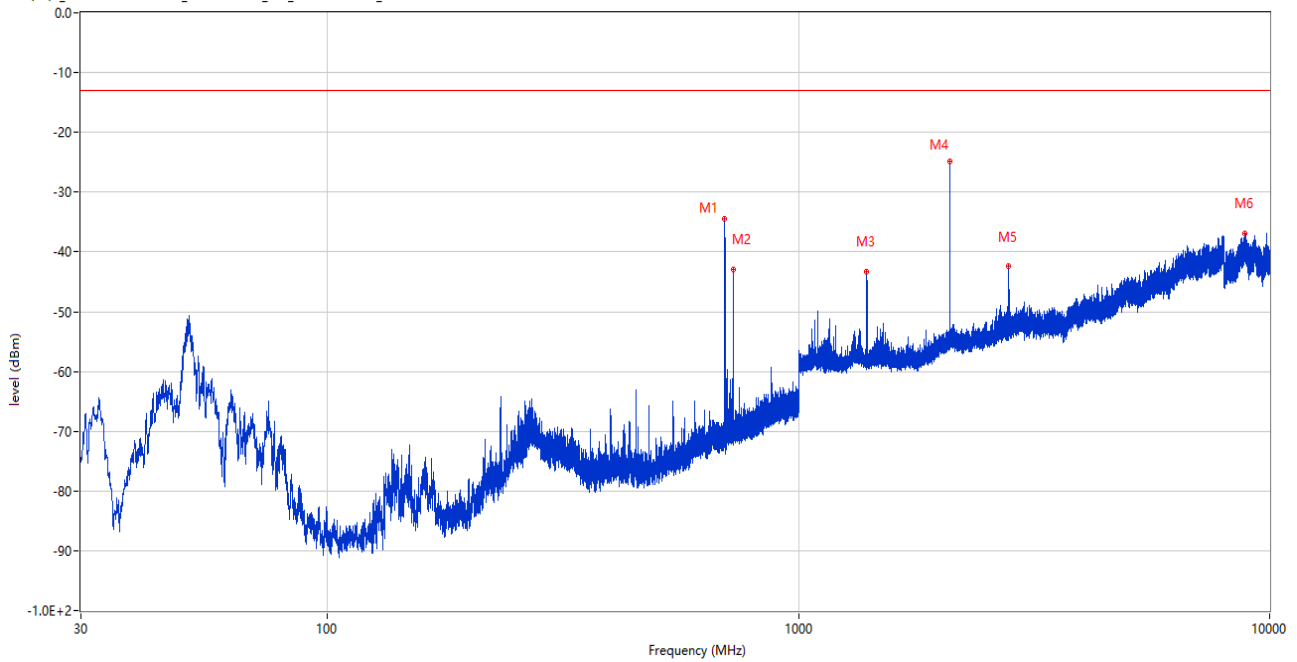
RSE (RF) _FCC PART22&24&27_LTE Band 71 _680_30MHz-10GHz_



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
698.136	-51.85	2.72	-13.0	38.85	281.00	Horizontal	Vertical	N/A
728.109	-45.32	2.77	-13.0	32.32	65.00	Horizontal	Vertical	N/A
1397.200	-50.56	-3.44	-13.0	37.56	1.00	Horizontal	Vertical	Pass
2095.200	-33.00	-0.11	-13.0	20.00	3.00	Horizontal	Vertical	Pass
2792.700	-47.40	3.40	-13.0	34.40	93.00	Horizontal	Vertical	Pass
8896.700	-36.73	19.79	-13.0	23.73	3.00	Horizontal	Vertical	Pass

Band:NB-IOT B85 Channel:LOW BW:15K

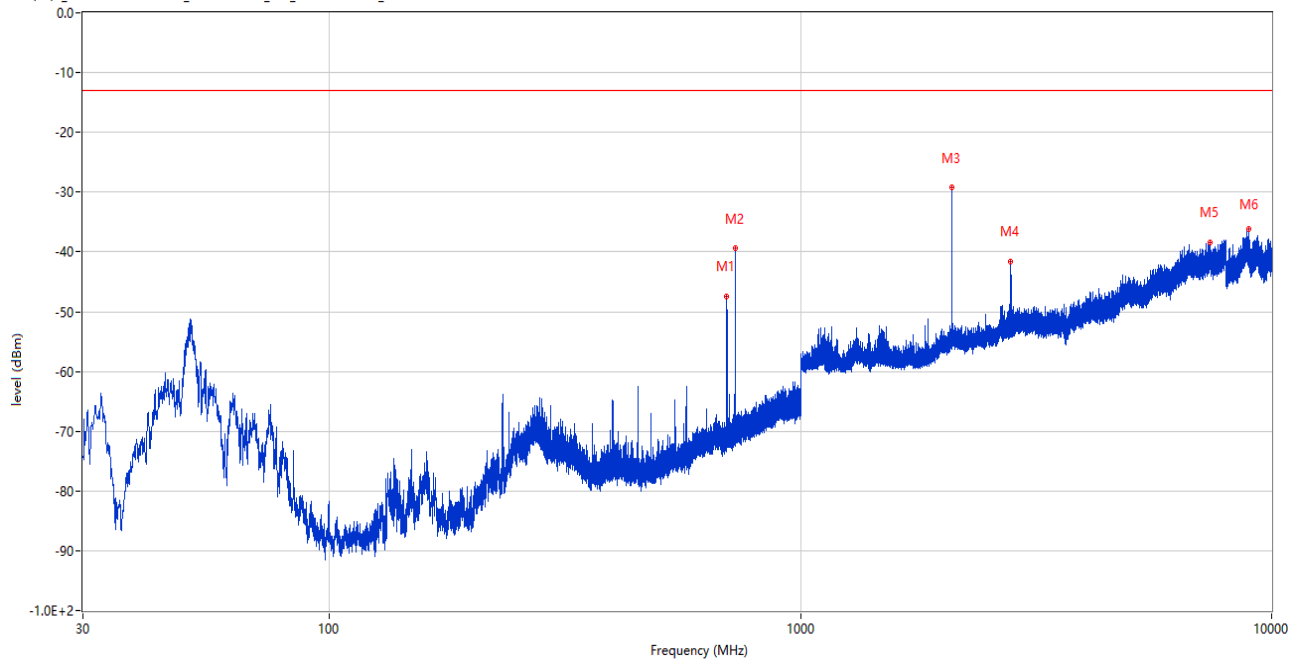
RSE (RF) _FCC PART22&24&27_LTE Band 71 _680_30MHz-10GHz_



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
698.088	-34.50	2.72	-13.0	21.50	242.00	Vertical	Vertical	N/A
728.109	-42.90	2.77	-13.0	29.90	47.00	Vertical	Vertical	N/A
1397.100	-43.26	-3.44	-13.0	30.26	210.00	Vertical	Vertical	Pass
2095.200	-24.94	-0.11	-13.0	11.94	108.00	Vertical	Vertical	Pass
2793.200	-42.46	3.46	-13.0	29.46	89.00	Vertical	Vertical	Pass
8848.600	-36.90	20.34	-13.0	23.90	237.00	Vertical	Vertical	Pass

Band:NB-IOT B85 Channel:LOW BW:15K

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
698.136	-47.40	2.72	-13.0	34.40	183.00	Vertical	Horizontal	N/A
728.109	-39.41	2.77	-13.0	26.41	0.00	Vertical	Horizontal	N/A
2095.200	-29.24	-0.11	-13.0	16.24	184.00	Vertical	Horizontal	Pass
2794.800	-41.53	3.52	-13.0	28.53	175.00	Vertical	Horizontal	Pass
7419.000	-38.45	18.16	-13.0	25.45	351.00	Vertical	Horizontal	Pass
8930.400	-36.18	19.56	-13.0	23.18	344.00	Vertical	Horizontal	Pass

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