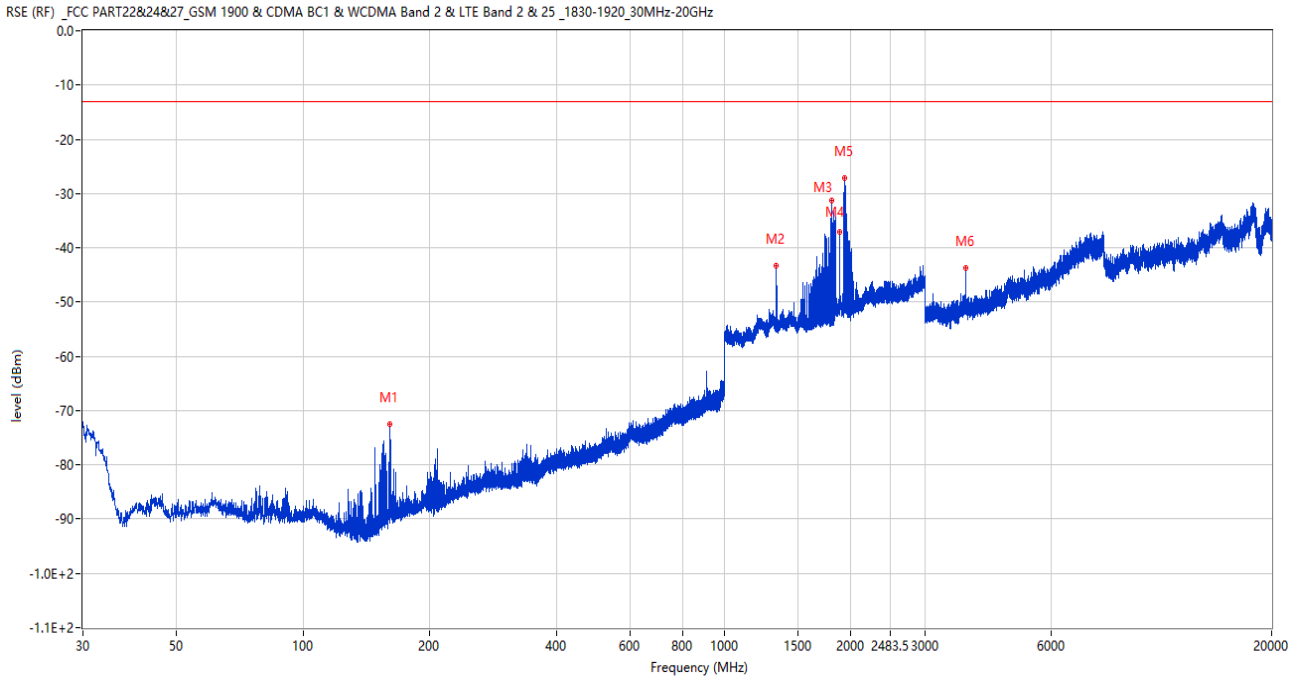


## Annex A.7 Field Strength of Spurious Radiation

1 LTE-CatM1 Band 2

1.1 LTE-CatM1 Band 2 BW1.4, Middle Channel

RSE-V LTE-CatM1 Band 2 BW1.4 CH18900

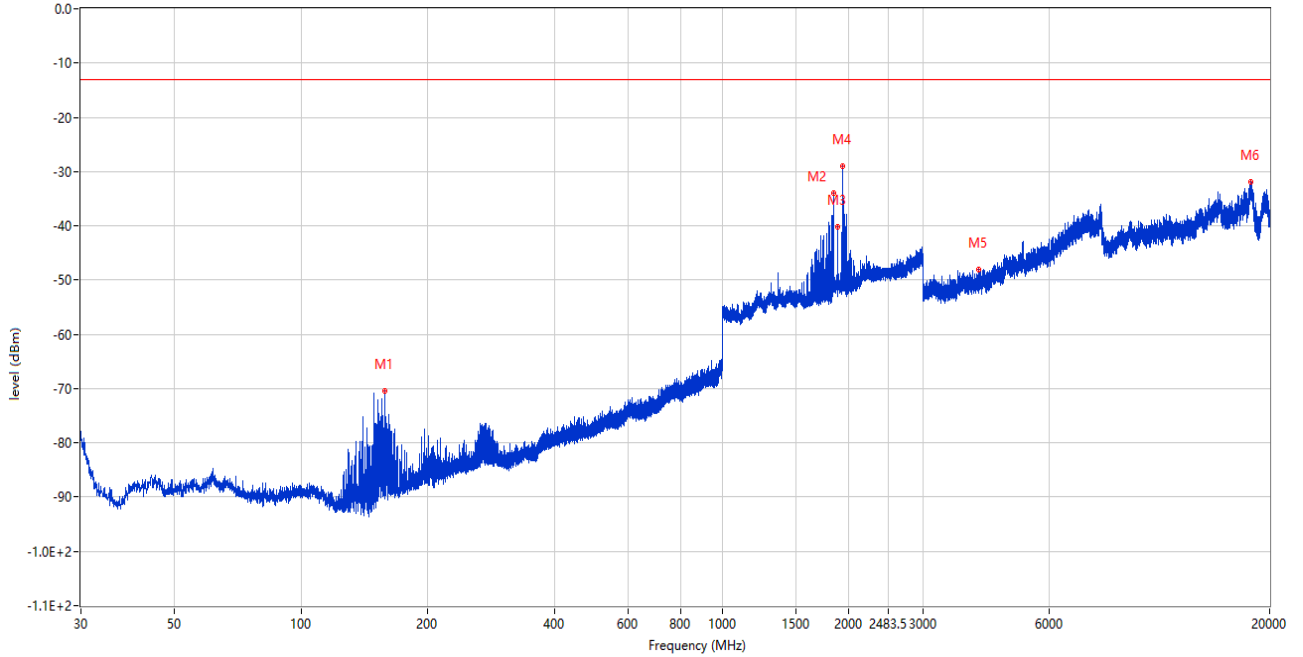


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
161.096	-72.44	-19.84	-13.0	59.44	30.00	Vertical	Horizontal	Pass
1333.100	-43.39	-0.40	-13.0	30.39	344.00	Vertical	Horizontal	Pass
1799.500	-31.27	0.44	-13.0	18.27	110.00	Vertical	Horizontal	Pass
1880.300	-37.10	3.41	-13.0	24.10	102.00	Vertical	Horizontal	N/A
1935.100	-27.06	3.21	-13.0	14.06	100.00	Vertical	Horizontal	N/A
3758.750	-43.80	8.79	-13.0	30.80	238.00	Vertical	Horizontal	Pass

LTE-CatM1 Band 2 BW1.4, Middle Channel

RSE-H LTE-CatM1 Band 2 BW1.4 CH18900

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

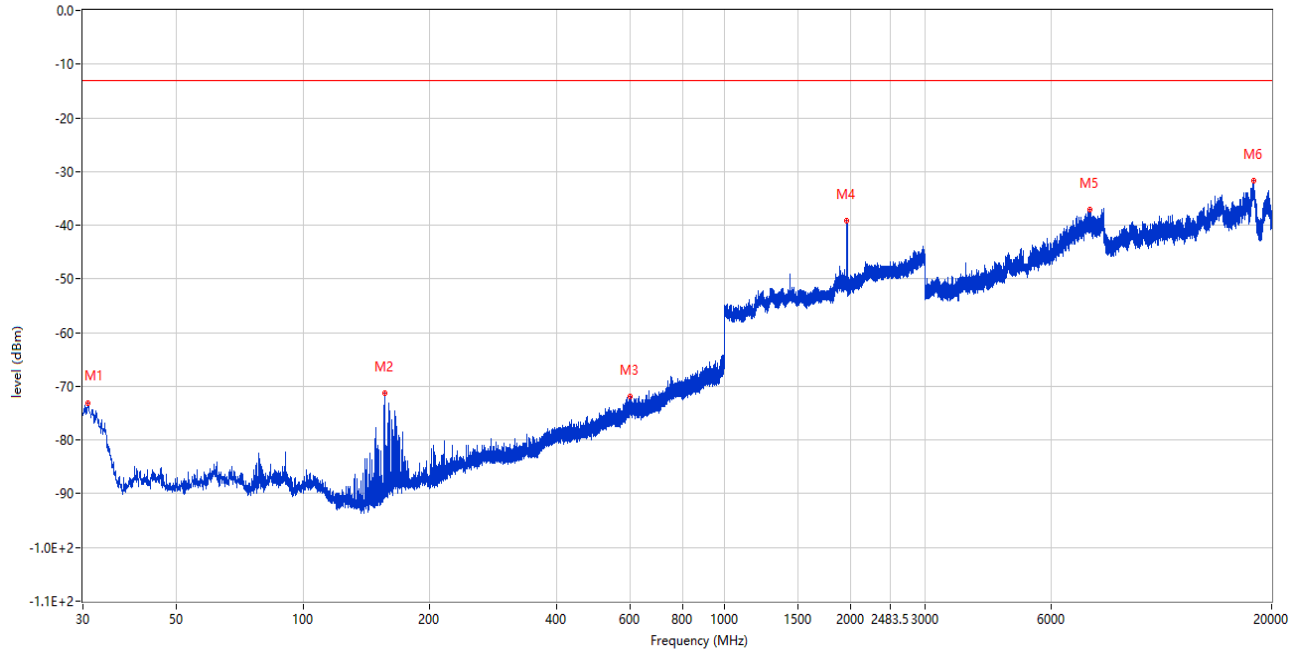


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
158.331	-70.54	-20.33	-13.0	57.54	95.00	Horizontal	Horizontal	Pass
1839.000	-33.92	3.24	-13.0	20.92	179.00	Horizontal	Horizontal	Pass
1880.400	-40.21	3.42	-13.0	27.21	360.00	Horizontal	Horizontal	N/A
1929.800	-29.05	3.51	-13.0	16.05	360.00	Horizontal	Horizontal	N/A
4062.000	-47.96	8.07	-13.0	34.96	85.00	Horizontal	Horizontal	Pass
18064.400	-31.98	25.32	-13.0	18.98	304.00	Horizontal	Horizontal	Pass

## 1.2 LTE-CatM1 Band 2 BW3, Middle Channel

### RSE-V LTE-CatM1 Band 2 BW3 CH18900

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

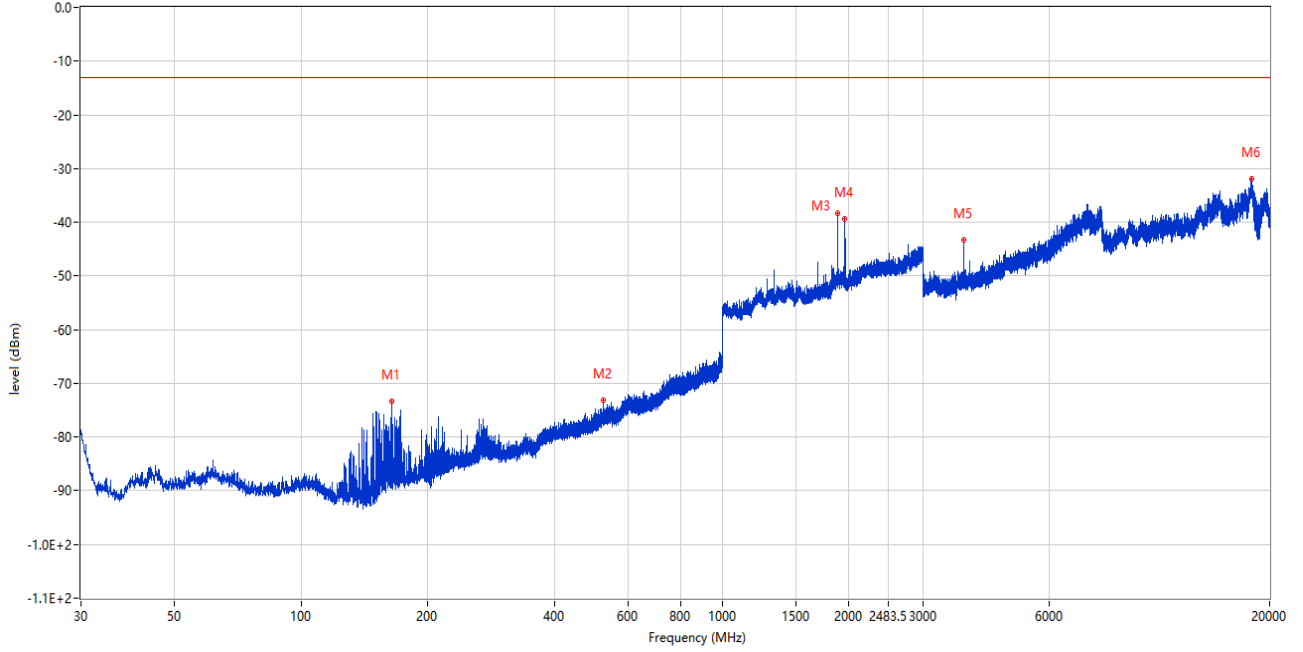


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
30.776	-73.18	-22.47	-13.0	60.18	24.00	Vertical	Horizontal	Pass
156.003	-71.20	-20.76	-13.0	58.20	20.00	Vertical	Horizontal	Pass
598.129	-71.82	-4.24	-13.0	58.82	88.00	Vertical	Horizontal	Pass
1960.300	-39.14	2.89	-13.0	26.14	186.00	Vertical	Horizontal	N/A
7398.500	-37.12	18.86	-13.0	24.12	42.00	Vertical	Horizontal	Pass
18161.601	-31.64	24.70	-13.0	18.64	201.00	Vertical	Horizontal	Pass

LTE-CatM1 Band 2 BW3, Middle Channel

RSE-H LTE-CatM1 Band 2 BW3 CH18900

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

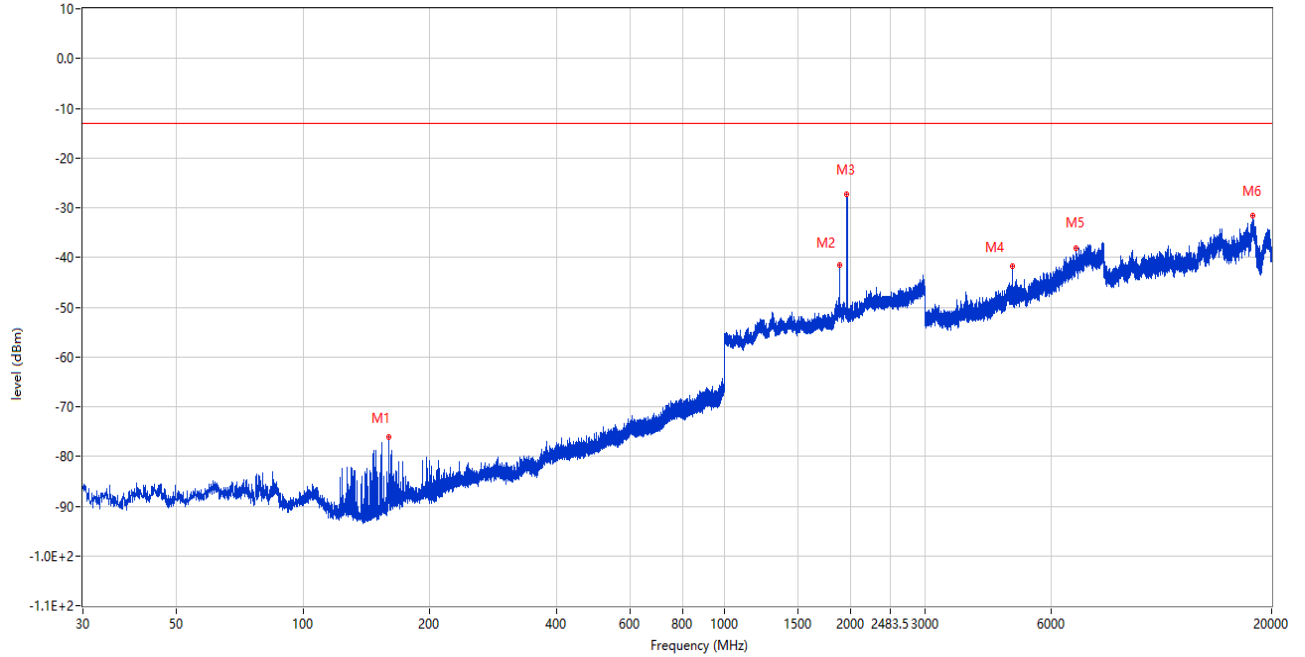


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
164.248	-73.24	-19.34	-13.0	60.24	240.00	Horizontal	Horizontal	Pass
523.730	-73.07	-6.71	-13.0	60.07	249.00	Horizontal	Horizontal	Pass
1878.700	-38.33	3.41	-13.0	25.33	111.00	Horizontal	Horizontal	N/A
1959.800	-39.41	2.91	-13.0	26.41	124.00	Horizontal	Horizontal	N/A
3757.500	-43.39	8.77	-13.0	30.39	91.00	Horizontal	Horizontal	Pass
18150.801	-32.00	24.58	-13.0	19.00	305.00	Horizontal	Horizontal	Pass

### 1.3 LTE-CatM1 Band 2 BW5, Middle Channel

#### RSE-V LTE-CatM1 Band 2 BW5 CH18900

RSE (RF) \_FCC PART228&24&27\_GSM 1900 & CDMA BC1 & WCDMA Band 2 & LTE Band 2 & 25\_1830-1920\_30MHz-20GHz

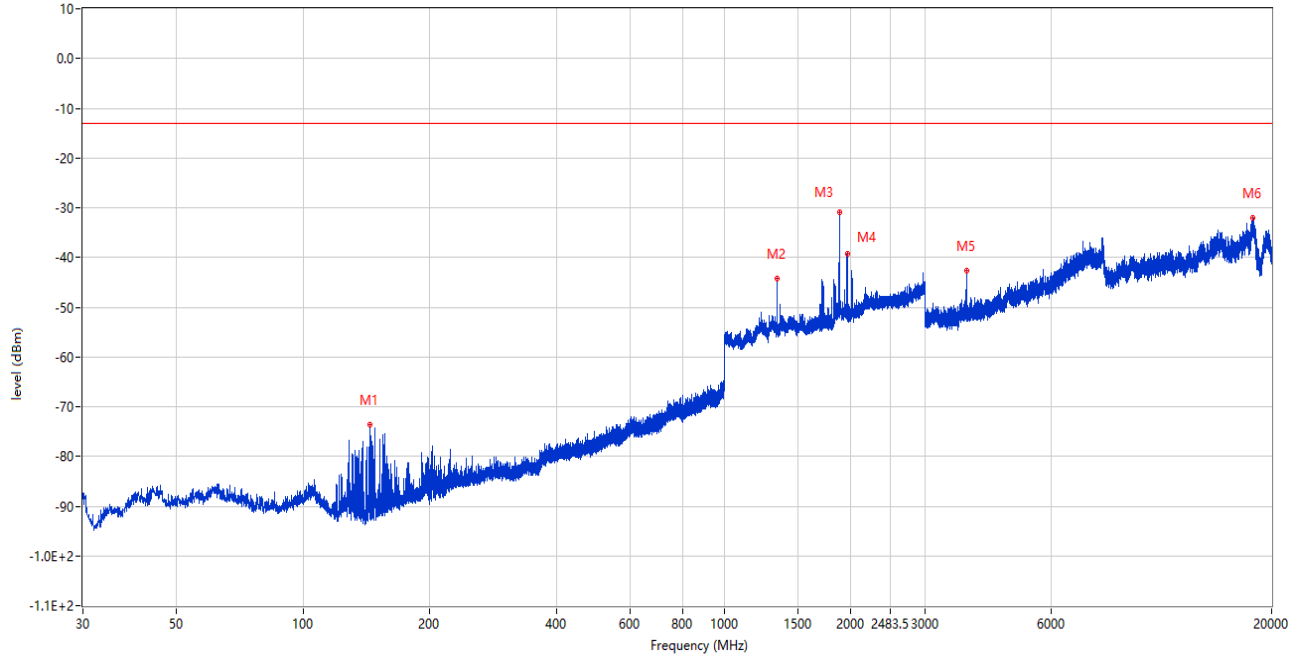


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
160.222	-76.13	-19.98	-13.0	63.13	129.00	Vertical	Horizontal	Pass
1881.900	-41.60	3.42	-13.0	28.60	106.00	Vertical	Horizontal	N/A
1960.900	-27.39	2.83	-13.0	14.39	192.00	Vertical	Horizontal	N/A
4851.750	-41.78	10.26	-13.0	28.78	271.00	Vertical	Horizontal	Pass
6872.500	-38.13	16.77	-13.0	25.13	342.00	Vertical	Horizontal	Pass
18071.599	-31.51	25.25	-13.0	18.51	218.00	Vertical	Horizontal	Pass

LTE-CatM1 Band 2 BW5, Middle Channel

RSE-H LTE-CatM1 Band 2 BW5 CH18900

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

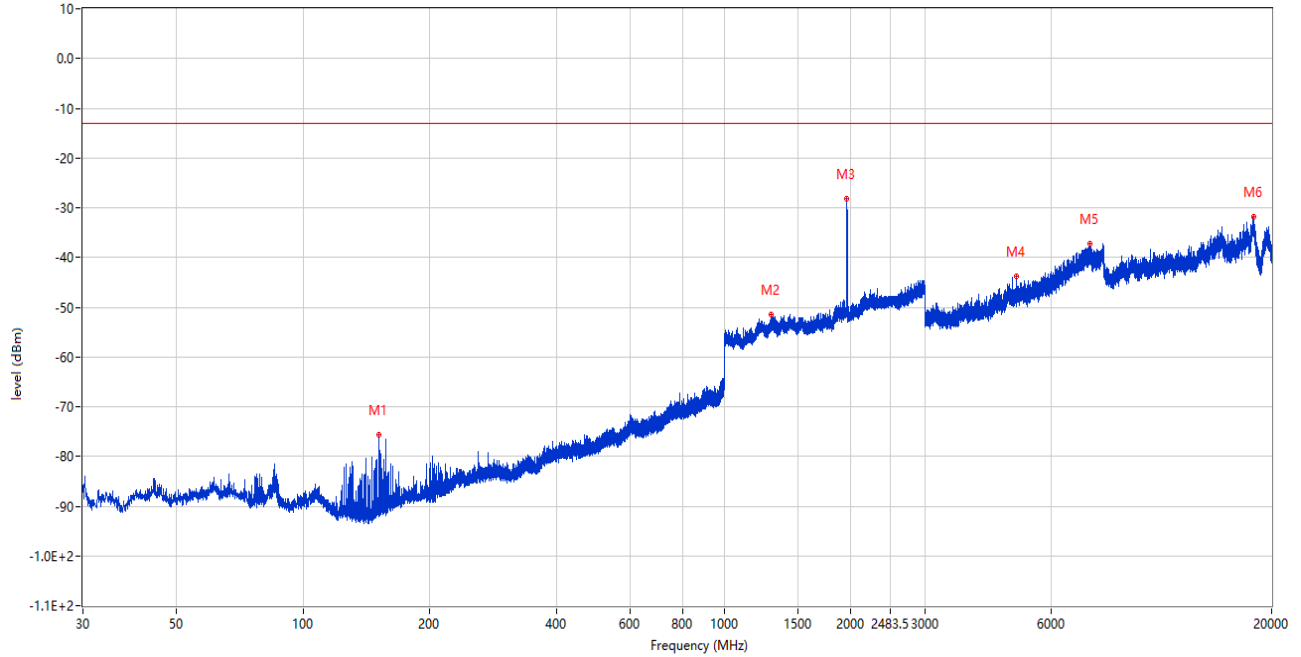


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
144.363	-73.50	-22.54	-13.0	60.50	26.00	Horizontal	Horizontal	Pass
1338.300	-44.34	-0.40	-13.0	31.34	5.00	Horizontal	Horizontal	Pass
1882.100	-31.00	3.42	-13.0	18.00	117.00	Horizontal	Horizontal	N/A
1961.400	-39.27	2.78	-13.0	26.27	296.00	Horizontal	Horizontal	N/A
3764.250	-42.59	8.53	-13.0	29.59	259.00	Horizontal	Horizontal	Pass
18054.199	-32.12	25.24	-13.0	19.12	41.00	Horizontal	Horizontal	Pass

1.4 LTE-CatM1 Band 2 BW10, Middle Channel

RSE-V LTE-CatM1 Band 2 BW10 CH18900

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



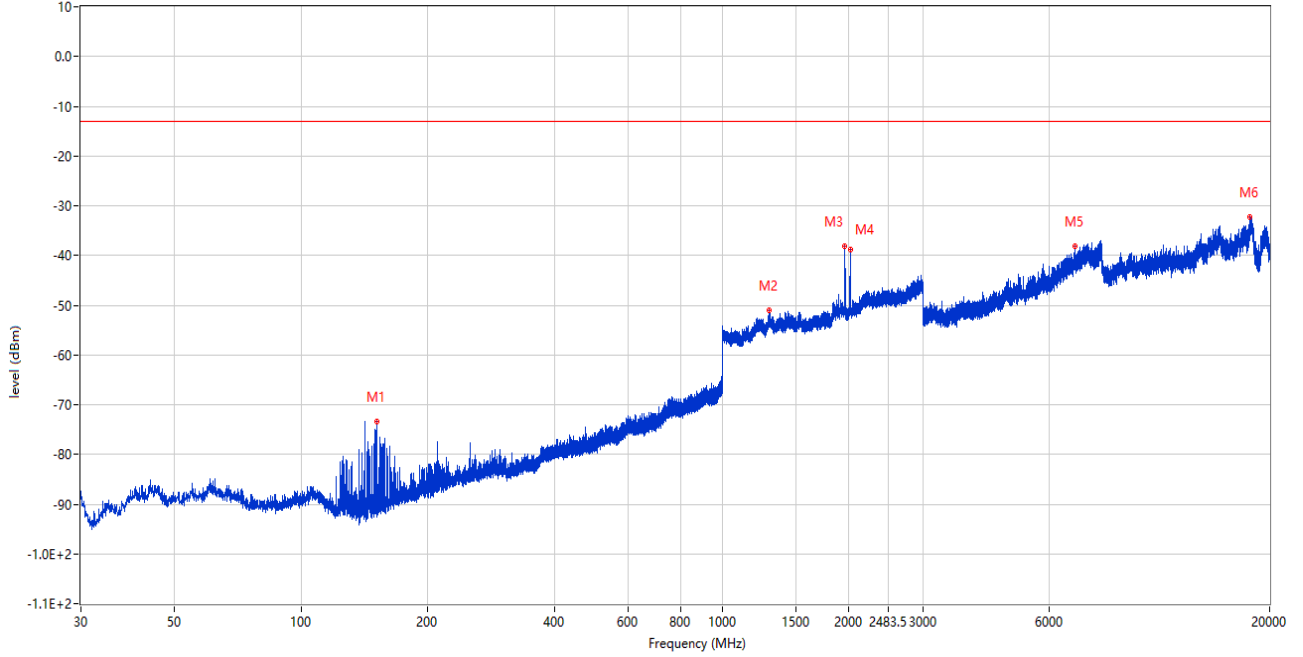
Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
151.153	-75.54	-21.68	-13.0	62.54	341.00	Vertical	Horizontal	Pass
1294.800	-51.39	0.84	-13.0	38.39	261.00	Vertical	Horizontal	Pass
1960.100	-28.24	2.91	-13.0	15.24	186.00	Vertical	Horizontal	N/A
4960.000	-43.78	10.24	-13.0	30.78	304.00	Vertical	Horizontal	Pass
7400.250	-37.13	18.93	-13.0	24.13	13.00	Vertical	Horizontal	Pass
18137.000	-31.84	24.67	-13.0	18.84	234.00	Vertical	Horizontal	Pass



LTE-CatM1 Band 2 BW10, Middle Channel

RSE-H LTE-CatM1 Band 2 BW10 CH18900

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

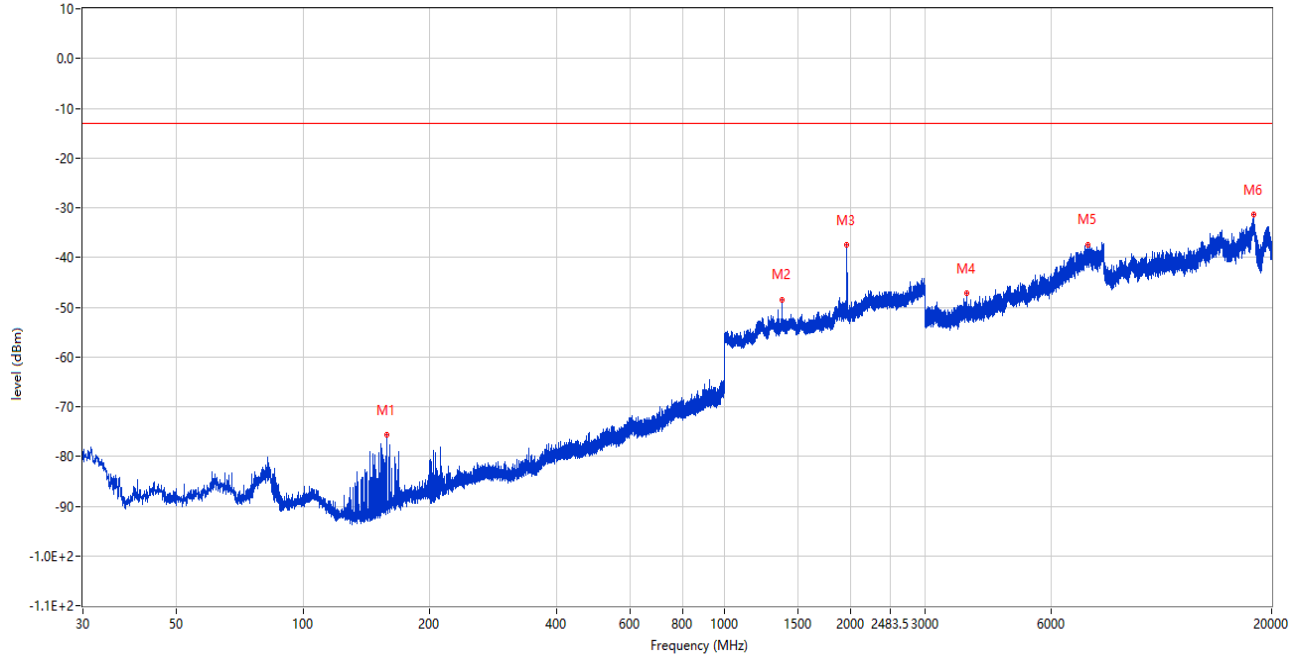


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
151.008	-73.49	-21.71	-13.0	60.49	264.00	Horizontal	Horizontal	Pass
1295.000	-51.10	0.84	-13.0	38.10	191.00	Horizontal	Horizontal	Pass
1956.400	-38.24	2.82	-13.0	25.24	296.00	Horizontal	Horizontal	N/A
2019.100	-38.86	3.21	-13.0	25.86	306.00	Horizontal	Horizontal	Pass
6878.750	-38.20	16.74	-13.0	25.20	294.00	Horizontal	Horizontal	Pass
17934.199	-32.34	25.06	-13.0	19.34	101.00	Horizontal	Horizontal	Pass

1.5 LTE-CatM1 Band 2 BW15, Middle Channel

RSE-V LTE-CatM1 Band 2 BW15 CH18900

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

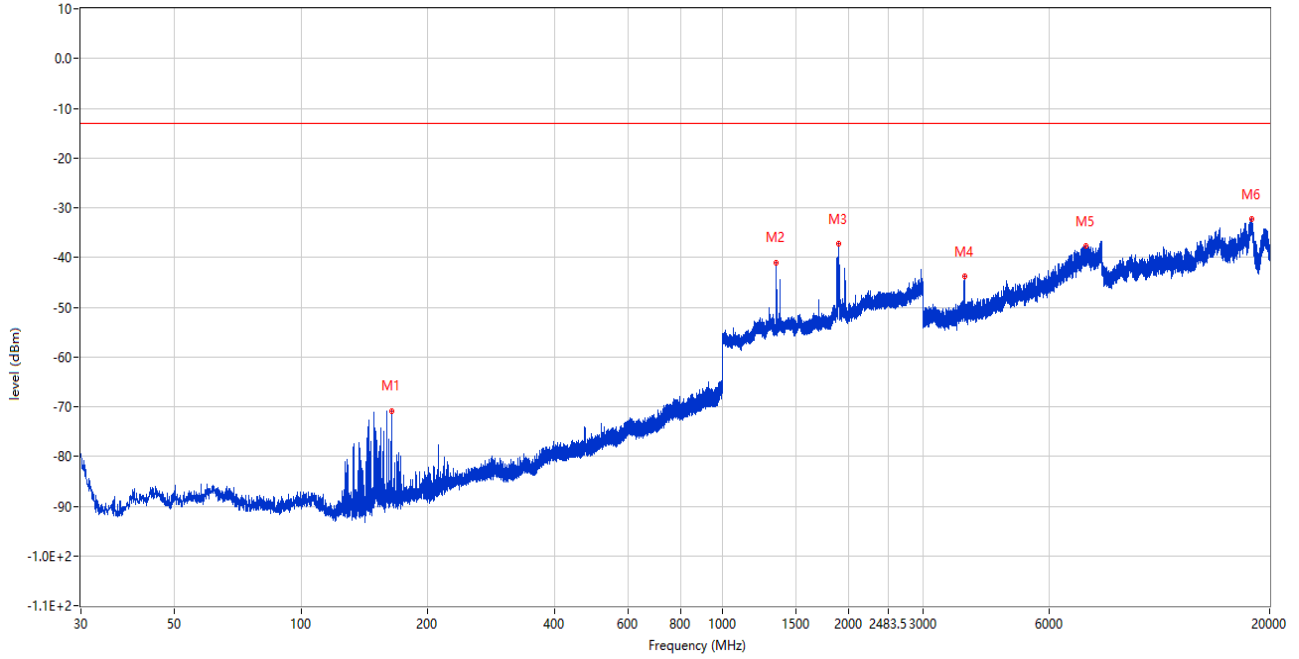


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
157.894	-75.70	-20.41	-13.0	62.70	360.00	Vertical	Horizontal	Pass
1371.200	-48.61	0.80	-13.0	35.61	63.00	Vertical	Horizontal	Pass
1956.900	-37.55	2.84	-13.0	24.55	86.00	Vertical	Horizontal	N/A
3773.000	-47.18	8.00	-13.0	34.18	260.00	Vertical	Horizontal	Pass
7327.750	-37.44	17.63	-13.0	24.44	51.00	Vertical	Horizontal	Pass
18098.600	-31.44	24.94	-13.0	18.44	78.00	Vertical	Horizontal	Pass

LTE-CatM1 Band 2 BW15, Middle Channel

RSE-H LTE-CatM1 Band 2 BW15 CH18900

RSE (RF) \_FCC PART228&24&27\_GSM 1900 & CDMA BC1 & WCDMA Band 2 & LTE Band 2 & 25\_1830-1920\_30MHz-20GHz

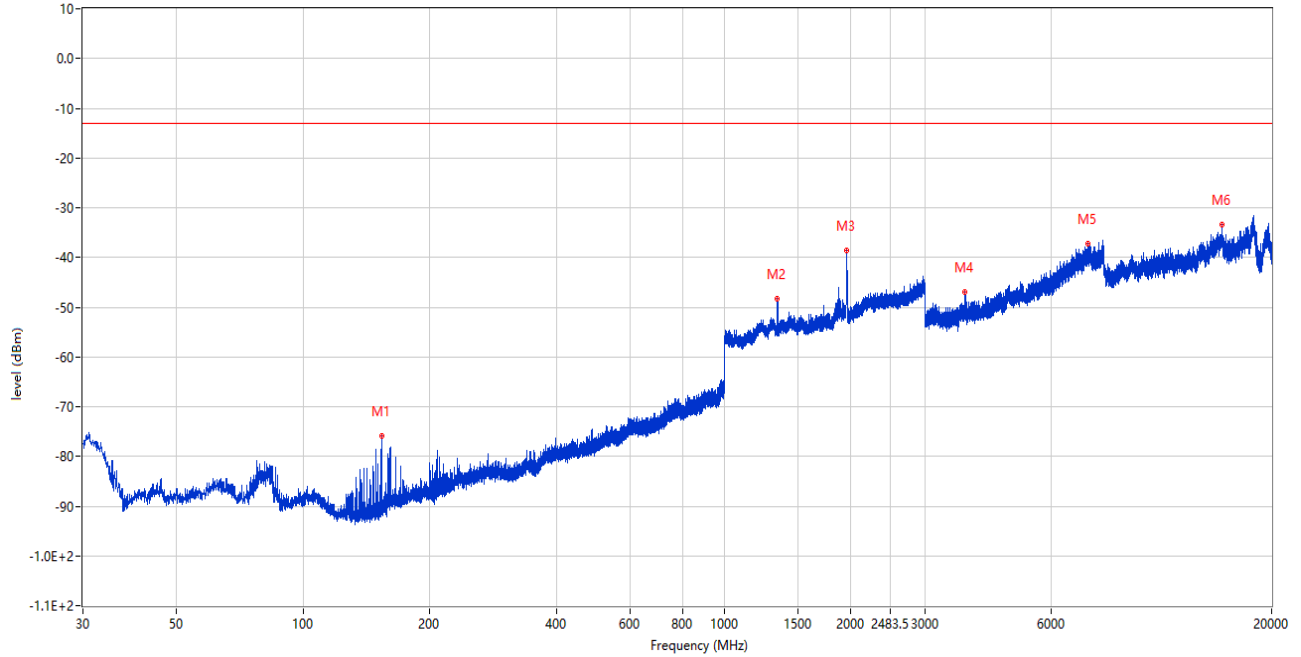


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
164.151	-70.81	-19.36	-13.0	57.81	252.00	Horizontal	Horizontal	Pass
1347.100	-40.98	-0.36	-13.0	27.98	113.00	Horizontal	Horizontal	Pass
1889.700	-37.19	3.46	-13.0	24.19	352.00	Horizontal	Horizontal	N/A
3773.250	-43.77	7.99	-13.0	30.77	240.00	Horizontal	Horizontal	Pass
7331.500	-37.68	17.61	-13.0	24.68	263.00	Horizontal	Horizontal	Pass
18143.599	-32.20	24.62	-13.0	19.20	199.00	Horizontal	Horizontal	Pass

1.6 LTE-CatM1 Band 2 BW20, Middle Channel

RSE-V LTE-CatM1 Band 2 BW20 CH18900

RSE (RF) \_FCC PART228&24&27\_GSM 1900 & CDMA BC1 & WCDMA Band 2 & LTE Band 2 & 25\_1830-1920\_30MHz-20GHz

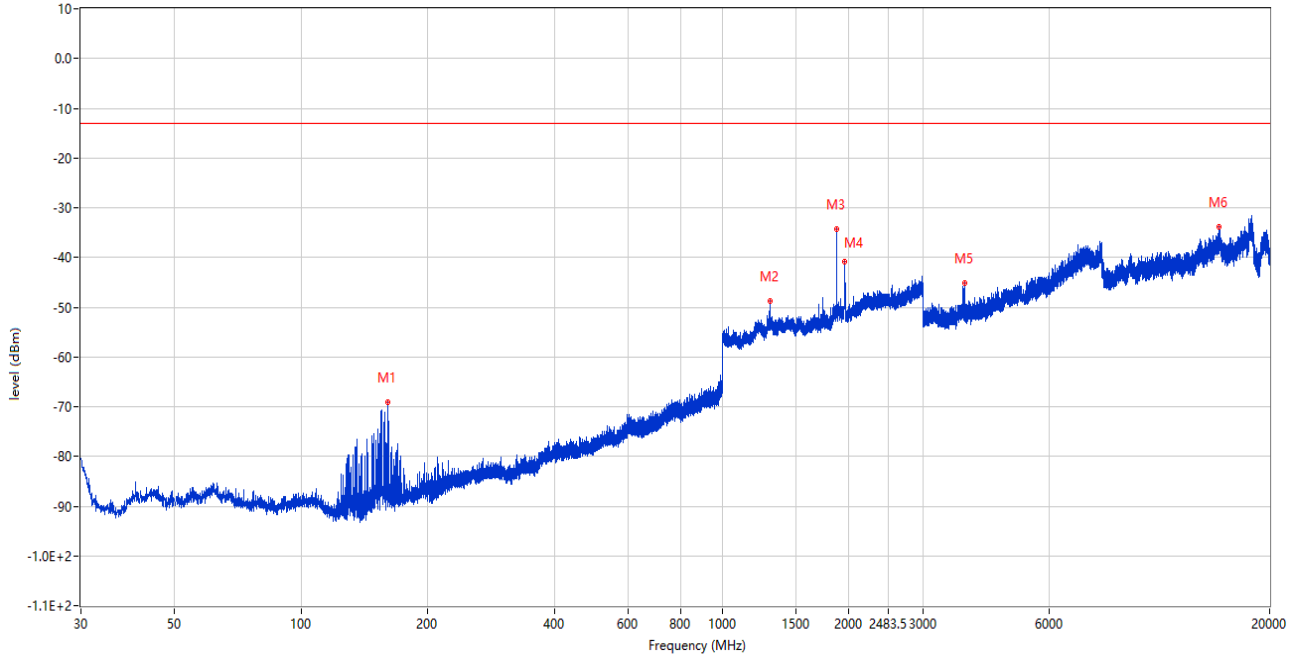


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
153.481	-75.87	-21.23	-13.0	62.87	337.00	Vertical	Horizontal	Pass
1340.300	-48.27	-0.39	-13.0	35.27	0.00	Vertical	Horizontal	Pass
1951.800	-38.65	2.70	-13.0	25.65	76.00	Vertical	Horizontal	N/A
3742.750	-46.94	8.42	-13.0	33.94	257.00	Vertical	Horizontal	Pass
7319.250	-37.31	17.75	-13.0	24.31	189.00	Vertical	Horizontal	Pass
15249.800	-33.50	22.84	-13.0	20.50	25.00	Vertical	Horizontal	Pass

LTE-CatM1 Band 2 BW20, Middle Channel

RSE-H LTE-CatM1 Band 2 BW20 CH18900

RSE (RF) \_FCC PART228&24&27\_GSM 1900 & CDMA BC1 & WCDMA Band 2 & LTE Band 2 & 25\_1830-1920\_30MHz-20GHz

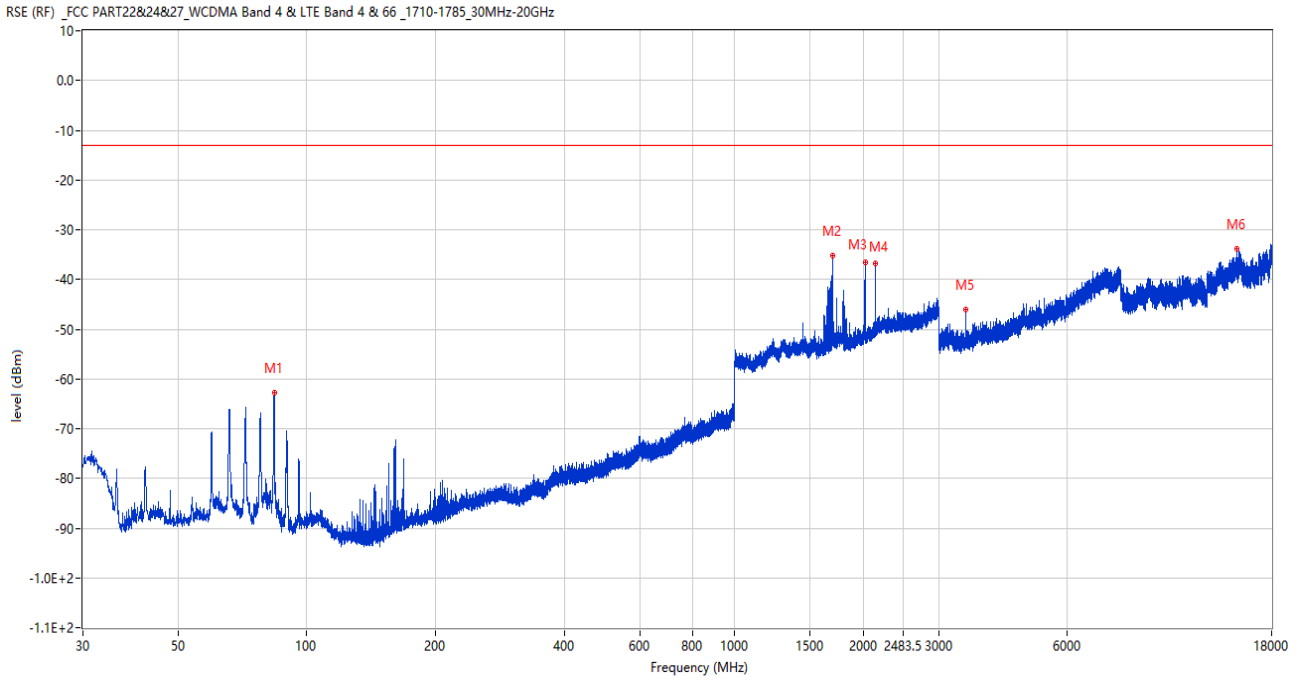


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
160.465	-69.13	-19.94	-13.0	56.13	66.00	Horizontal	Horizontal	Pass
1298.100	-48.80	0.85	-13.0	35.80	181.00	Horizontal	Horizontal	Pass
1871.400	-34.28	3.38	-13.0	21.28	126.00	Horizontal	Horizontal	N/A
1956.400	-40.82	2.82	-13.0	27.82	1.00	Horizontal	Horizontal	Pass
3777.750	-45.14	7.74	-13.0	32.14	102.00	Horizontal	Horizontal	Pass
15198.800	-33.88	22.25	-13.0	20.88	35.00	Horizontal	Horizontal	Pass

2 LTE-CatM1 Band 4

2.1 LTE-CatM1 Band 4 BW1.4, Middle Channel

RSE-V LTE-CatM1 Band 4 BW1.4 CH20175

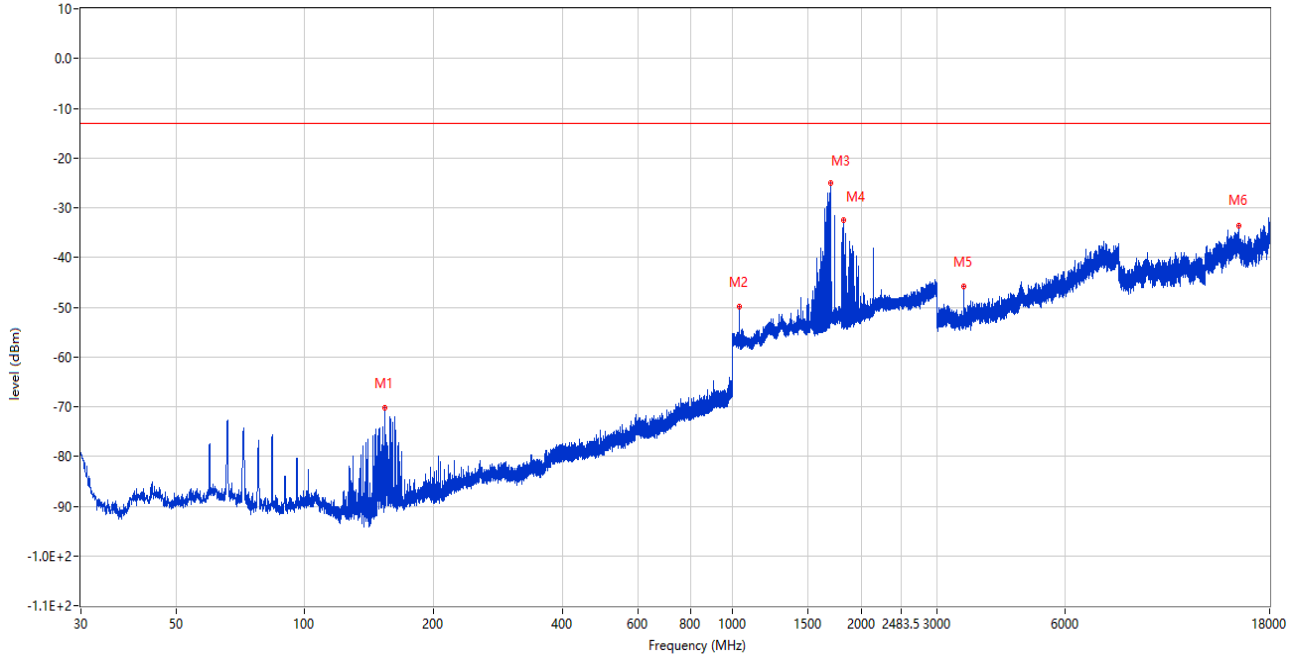


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
83.932	-62.74	-19.59	-13.0	49.74	124.00	Vertical	Horizontal	Pass
1704.800	-35.30	1.72	-13.0	22.30	77.00	Vertical	Horizontal	N/A
2022.300	-36.61	3.12	-13.0	23.61	281.00	Vertical	Horizontal	Pass
2132.300	-36.81	3.98	-13.0	23.81	356.00	Vertical	Horizontal	N/A
3466.000	-46.08	4.95	-13.0	33.08	83.00	Vertical	Horizontal	Pass
14931.637	-33.86	23.57	-13.0	20.86	266.00	Vertical	Horizontal	Pass

LTE-CatM1 Band 4 BW1.4, Middle Channel

RSE-H LTE-CatM1 Band 4 BW1.4 CH20175

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

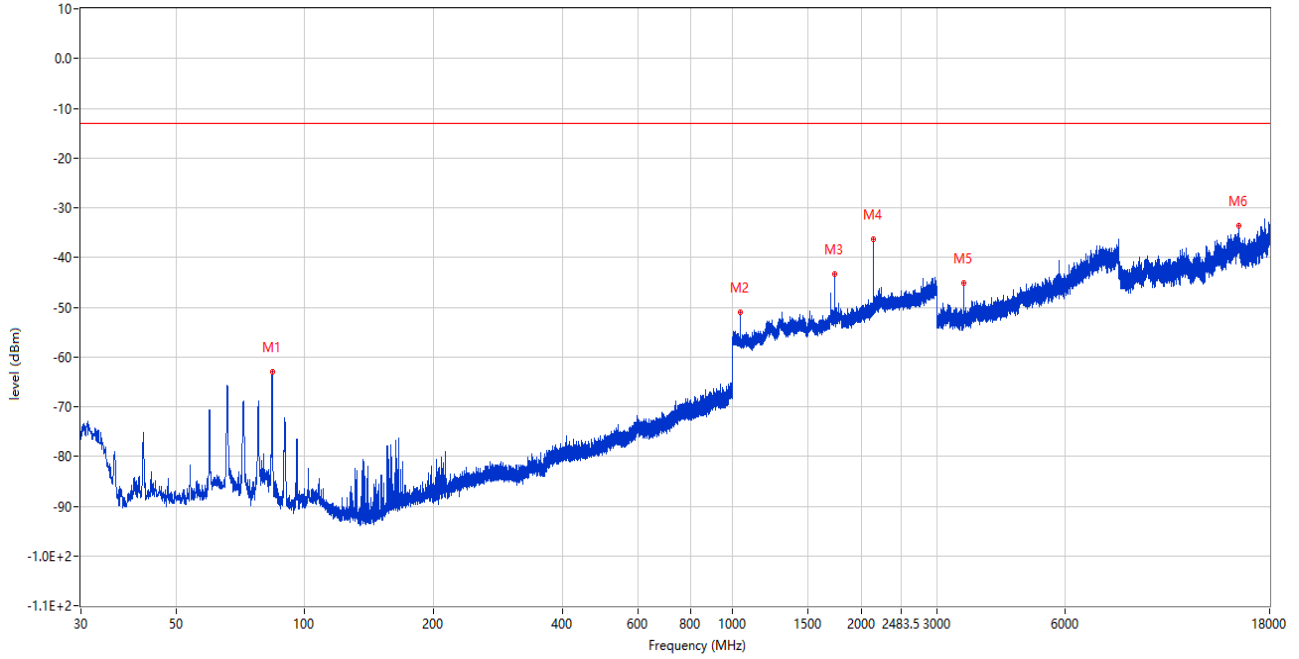


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
153.578	-70.13	-21.21	-13.0	57.13	57.00	Horizontal	Horizontal	Pass
1038.100	-49.93	-1.80	-13.0	36.93	66.00	Horizontal	Horizontal	Pass
1706.500	-24.93	1.98	-13.0	11.93	204.00	Horizontal	Horizontal	N/A
1813.500	-32.59	0.82	-13.0	19.59	127.00	Horizontal	Horizontal	Pass
3464.000	-45.81	4.88	-13.0	32.81	83.00	Horizontal	Horizontal	Pass
15251.100	-33.56	22.83	-13.0	20.56	176.00	Horizontal	Horizontal	Pass

2.2 LTE-CatM1 Band 4 BW3, Middle Channel

RSE-V LTE-CatM1 Band 4 BW3 CH20175

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



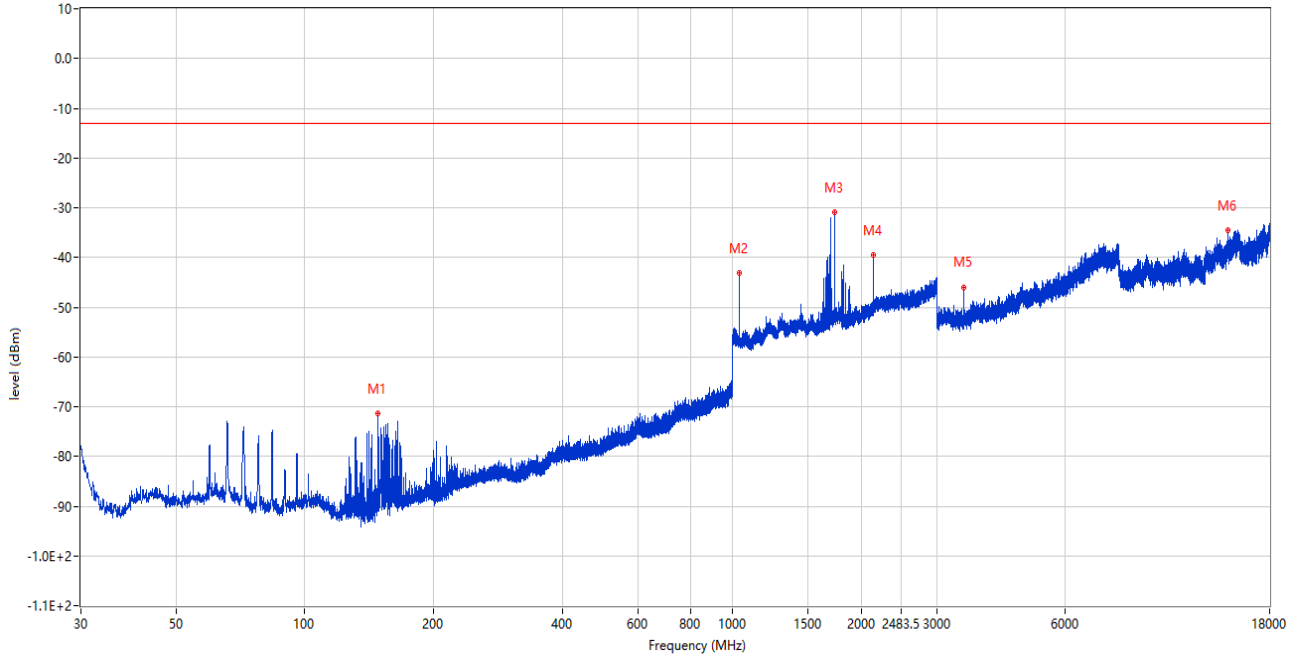
Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
83.932	-63.05	-19.59	-13.0	50.05	123.00	Vertical	Horizontal	Pass
1041.200	-51.02	-1.88	-13.0	38.02	123.00	Vertical	Horizontal	Pass
1733.700	-43.41	2.77	-13.0	30.41	3.00	Vertical	Horizontal	N/A
2132.700	-36.38	4.00	-13.0	23.38	347.00	Vertical	Horizontal	N/A
3462.500	-45.22	4.83	-13.0	32.22	108.00	Vertical	Horizontal	Pass
15224.588	-33.60	22.64	-13.0	20.60	77.00	Vertical	Horizontal	Pass



LTE-CatM1 Band 4 BW3, Middle Channel

RSE-H LTE-CatM1 Band 4 BW3 CH20175

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

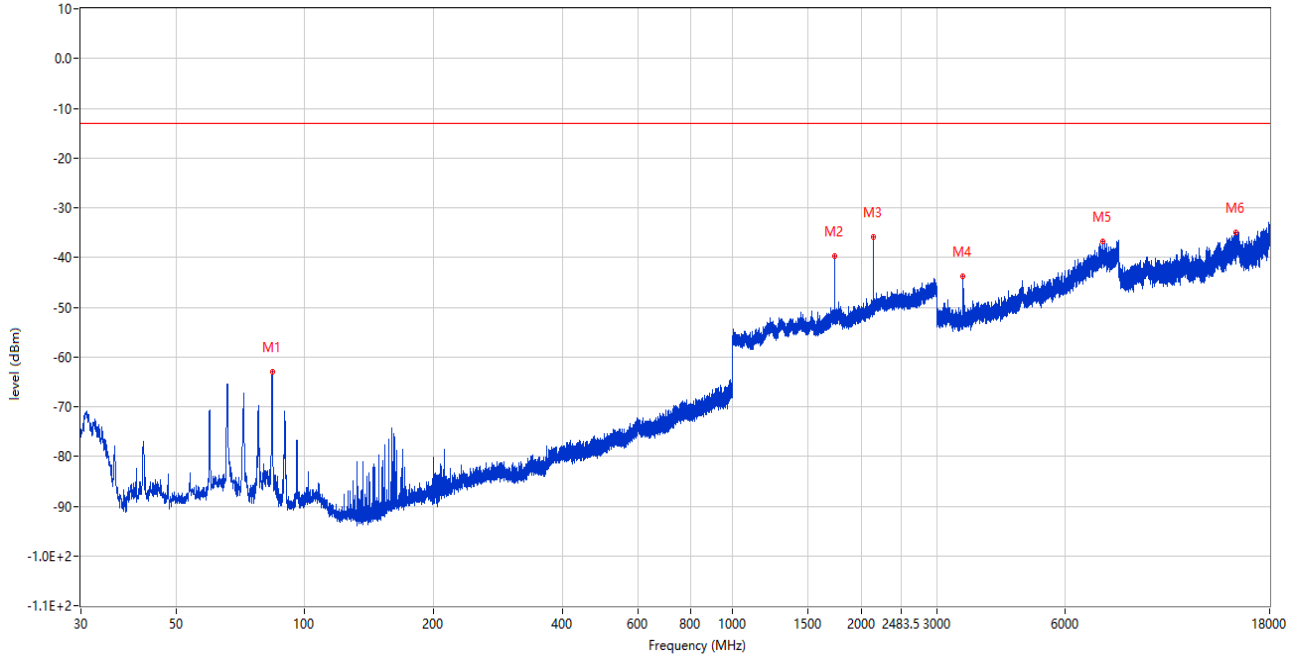


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
148.534	-71.34	-22.08	-13.0	58.34	237.00	Horizontal	Horizontal	Pass
1036.200	-43.17	-1.79	-13.0	30.17	34.00	Horizontal	Horizontal	Pass
1733.600	-30.95	2.77	-13.0	17.95	98.00	Horizontal	Horizontal	N/A
2132.700	-39.56	4.00	-13.0	26.56	113.00	Horizontal	Horizontal	N/A
3463.250	-46.07	4.85	-13.0	33.07	6.00	Horizontal	Horizontal	Pass
14374.350	-34.45	22.15	-13.0	21.45	153.00	Horizontal	Horizontal	Pass

2.3 LTE-CatM1 Band 4 BW5, Middle Channel

RSE-V LTE-CatM1 Band 4 BW5 CH20175

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

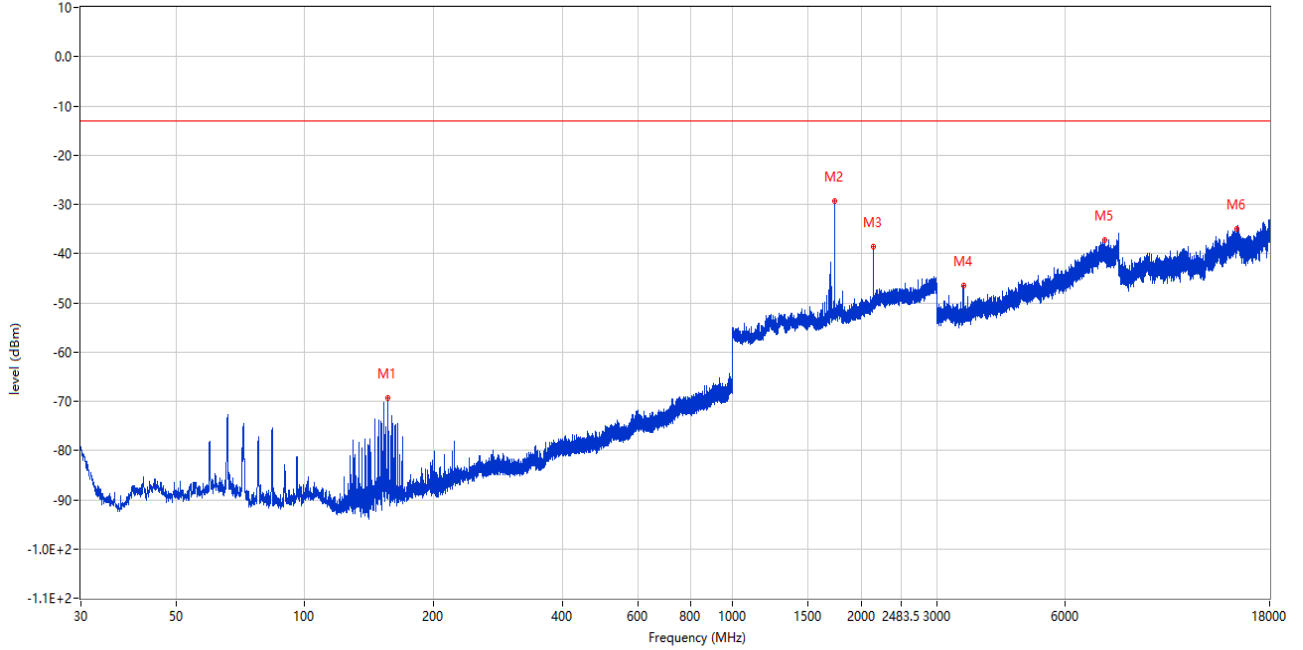


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
83.932	-63.02	-19.59	-13.0	50.02	126.00	Vertical	Horizontal	Pass
1730.200	-39.81	2.81	-13.0	26.81	211.00	Vertical	Horizontal	N/A
2134.400	-35.92	4.07	-13.0	22.92	360.00	Vertical	Horizontal	N/A
3460.750	-43.87	4.76	-13.0	30.87	183.00	Vertical	Horizontal	Pass
7325.000	-36.77	17.68	-13.0	23.77	111.00	Vertical	Horizontal	Pass
15033.750	-34.98	22.18	-13.0	21.98	276.00	Vertical	Horizontal	Pass

LTE-CatM1 Band 4 BW5, Middle Channel

RSE-H LTE-CatM1 Band 4 BW5 CH20175

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

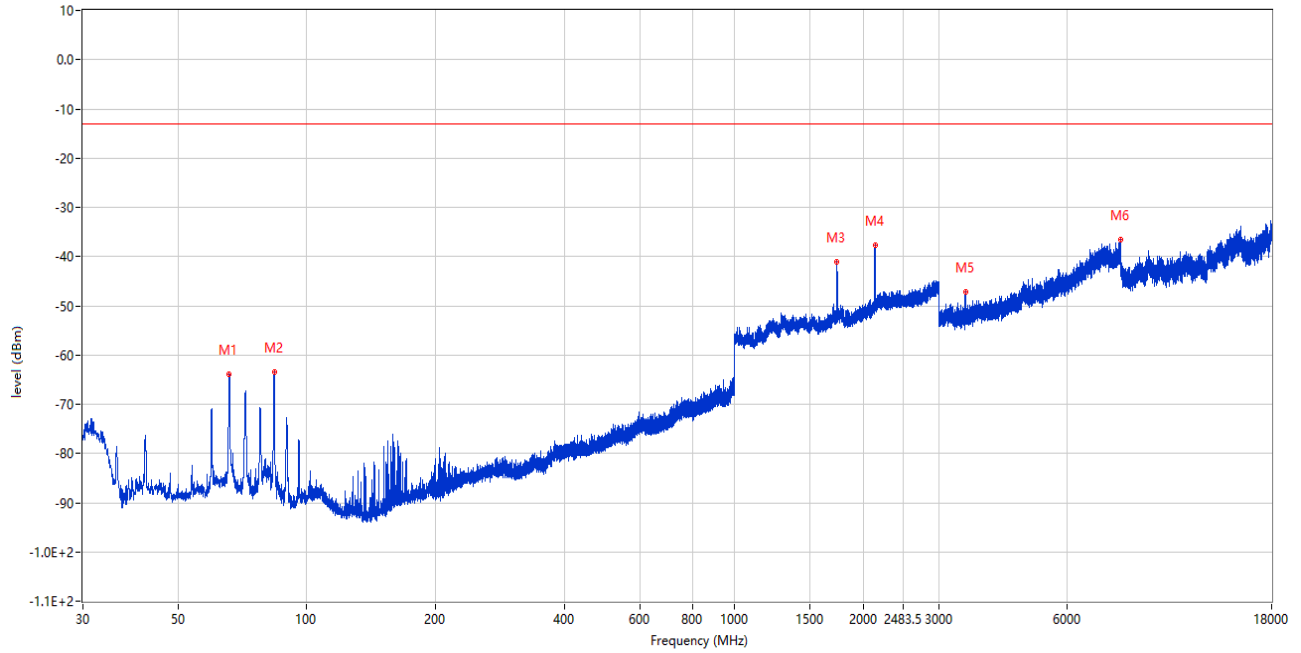


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
156.148	-69.37	-20.73	-13.0	56.37	192.00	Horizontal	Horizontal	Pass
1734.500	-29.38	2.76	-13.0	16.38	97.00	Horizontal	Horizontal	N/A
2132.100	-38.56	3.97	-13.0	25.56	122.00	Horizontal	Horizontal	N/A
3469.500	-46.57	5.08	-13.0	33.57	360.00	Horizontal	Horizontal	Pass
7403.250	-37.30	18.99	-13.0	24.30	92.00	Horizontal	Horizontal	Pass
15058.162	-35.03	22.90	-13.0	22.03	19.00	Horizontal	Horizontal	Pass

2.4 LTE-CatM1 Band 4 BW10, Middle Channel

RSE-V LTE-CatM1 Band 4 BW10 CH20175

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

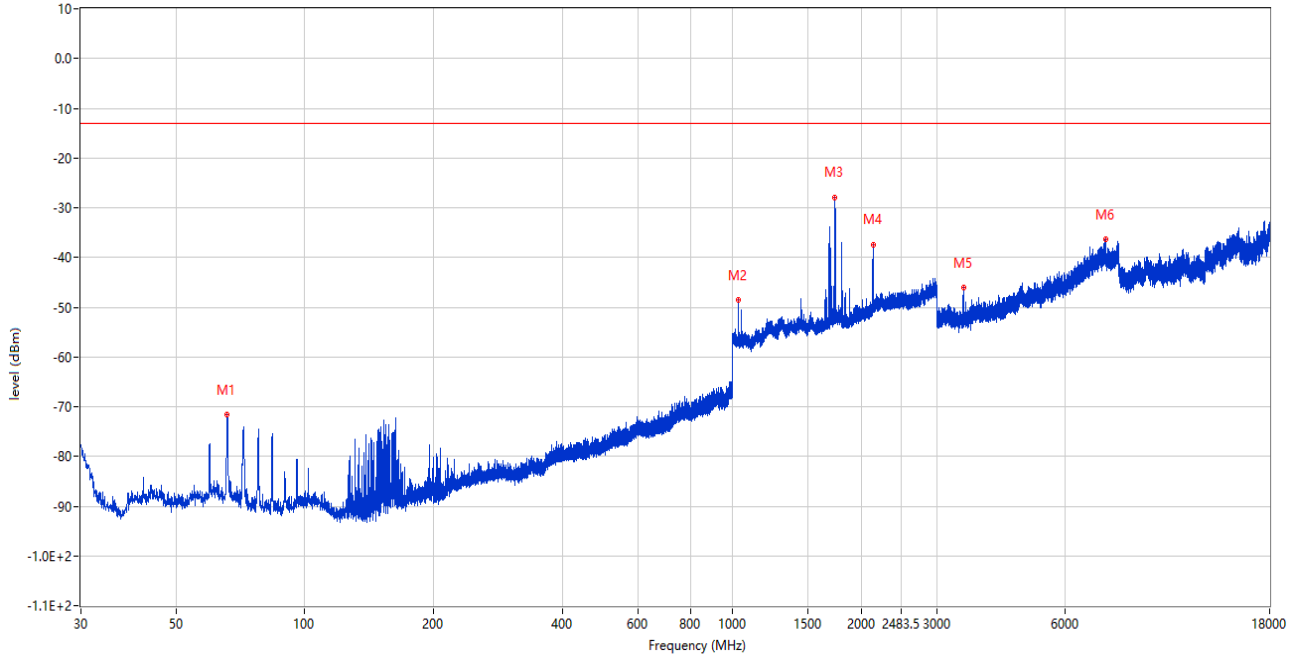


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
65.939	-63.84	-17.66	-13.0	50.84	150.00	Vertical	Horizontal	Pass
83.932	-63.40	-19.59	-13.0	50.40	143.00	Vertical	Horizontal	Pass
1736.700	-41.16	2.74	-13.0	28.16	204.00	Vertical	Horizontal	N/A
2135.000	-37.60	4.10	-13.0	24.60	316.00	Vertical	Horizontal	N/A
3473.500	-47.10	5.21	-13.0	34.10	298.00	Vertical	Horizontal	Pass
7969.250	-36.53	19.79	-13.0	23.53	108.00	Vertical	Horizontal	Pass

LTE-CatM1 Band 4 BW10, Middle Channel

RSE-H LTE-CatM1 Band 4 BW10 CH20175

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

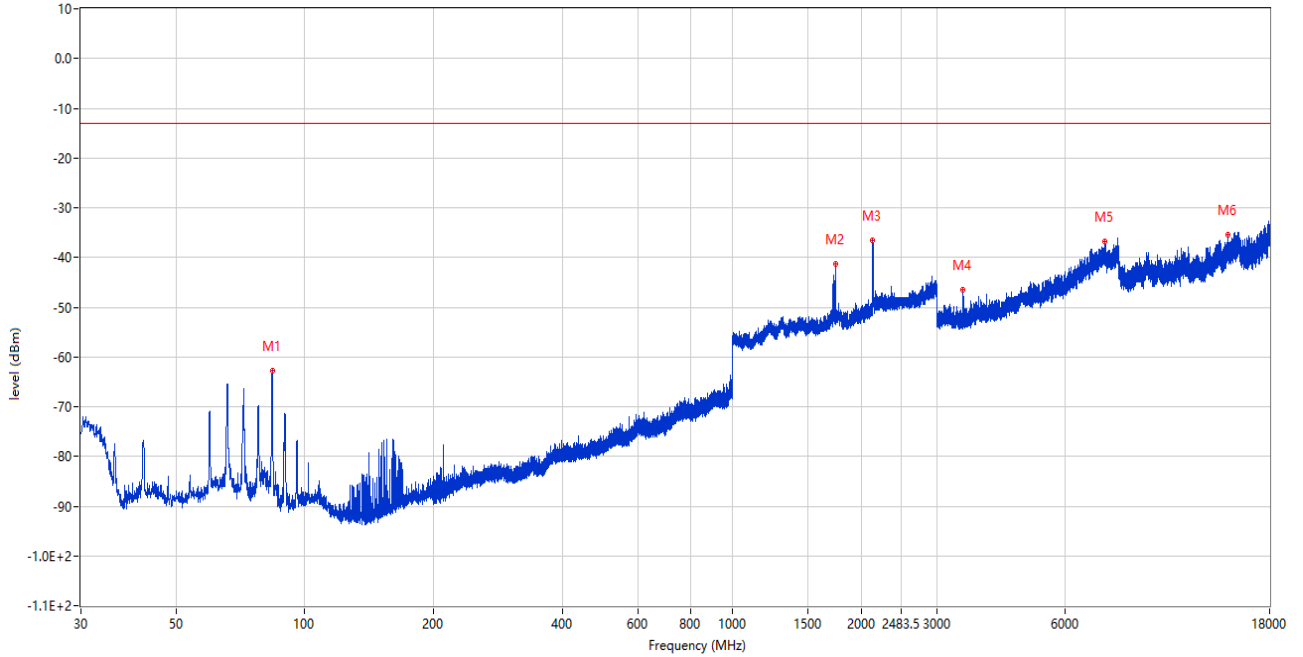


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
65.939	-71.50	-17.66	-13.0	58.50	199.00	Horizontal	Horizontal	Pass
1030.500	-48.64	-1.75	-13.0	35.64	229.00	Horizontal	Horizontal	Pass
1736.800	-27.87	2.74	-13.0	14.87	96.00	Horizontal	Horizontal	N/A
2134.700	-37.56	4.09	-13.0	24.56	117.00	Horizontal	Horizontal	N/A
3473.750	-46.15	5.22	-13.0	33.15	360.00	Horizontal	Horizontal	Pass
7452.750	-36.32	18.34	-13.0	23.32	99.00	Horizontal	Horizontal	Pass

2.5 LTE-CatM1 Band 4 BW15, Middle Channel

RSE-V LTE-CatM1 Band 4 BW15 CH20175

RSE (RF) \_FCC PART228&24&27\_WCDMA Band 4 & LTE Band 4 & 66\_1710-1785\_30MHz-20GHz

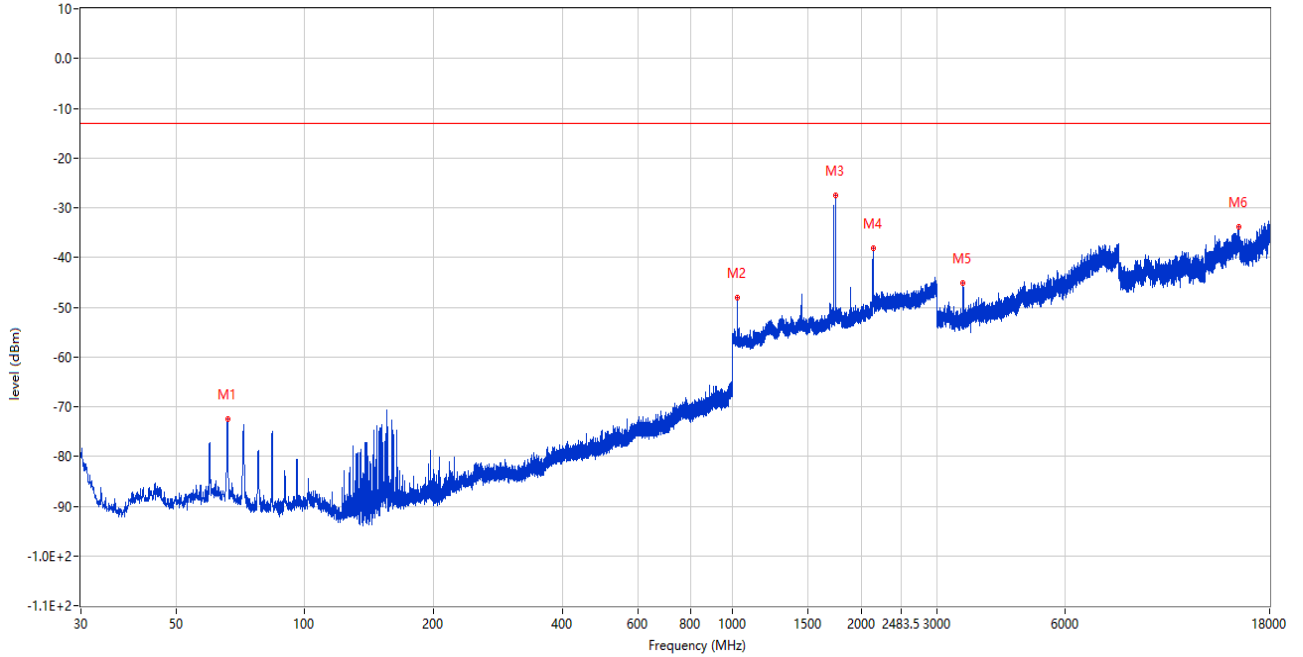


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
83.932	-62.86	-19.59	-13.0	49.86	147.00	Vertical	Horizontal	Pass
1739.000	-41.34	2.71	-13.0	28.34	4.00	Vertical	Horizontal	N/A
2126.600	-36.56	3.93	-13.0	23.56	357.00	Vertical	Horizontal	N/A
3451.750	-46.46	4.77	-13.0	33.46	93.00	Vertical	Horizontal	Pass
7420.500	-36.81	18.65	-13.0	23.81	8.00	Vertical	Horizontal	Pass
14378.812	-35.53	22.01	-13.0	22.53	289.00	Vertical	Horizontal	Pass

LTE-CatM1 Band 4 BW15, Middle Channel

RSE-H LTE-CatM1 Band 4 BW15 CH20175

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

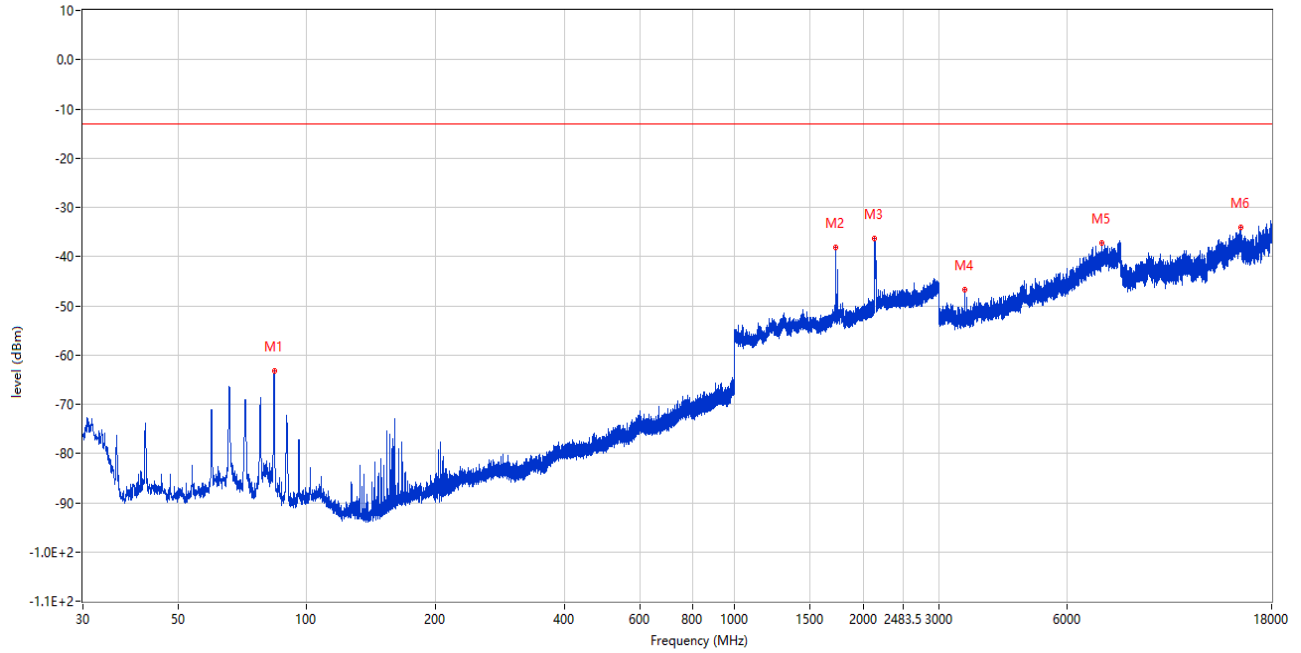


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
65.987	-72.58	-17.68	-13.0	59.58	185.00	Horizontal	Horizontal	Pass
1025.600	-48.16	-1.59	-13.0	35.16	346.00	Horizontal	Horizontal	Pass
1739.000	-27.62	2.71	-13.0	14.62	100.00	Horizontal	Horizontal	N/A
2129.200	-38.21	3.89	-13.0	25.21	118.00	Horizontal	Horizontal	N/A
3451.750	-45.14	4.77	-13.0	32.14	0.00	Horizontal	Horizontal	Pass
15277.350	-33.84	22.21	-13.0	20.84	10.00	Horizontal	Horizontal	Pass

## 2.6 LTE-CatM1 Band 4 BW20, Middle Channel

### RSE-V LTE-CatM1 Band 4 BW20 CH20175

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



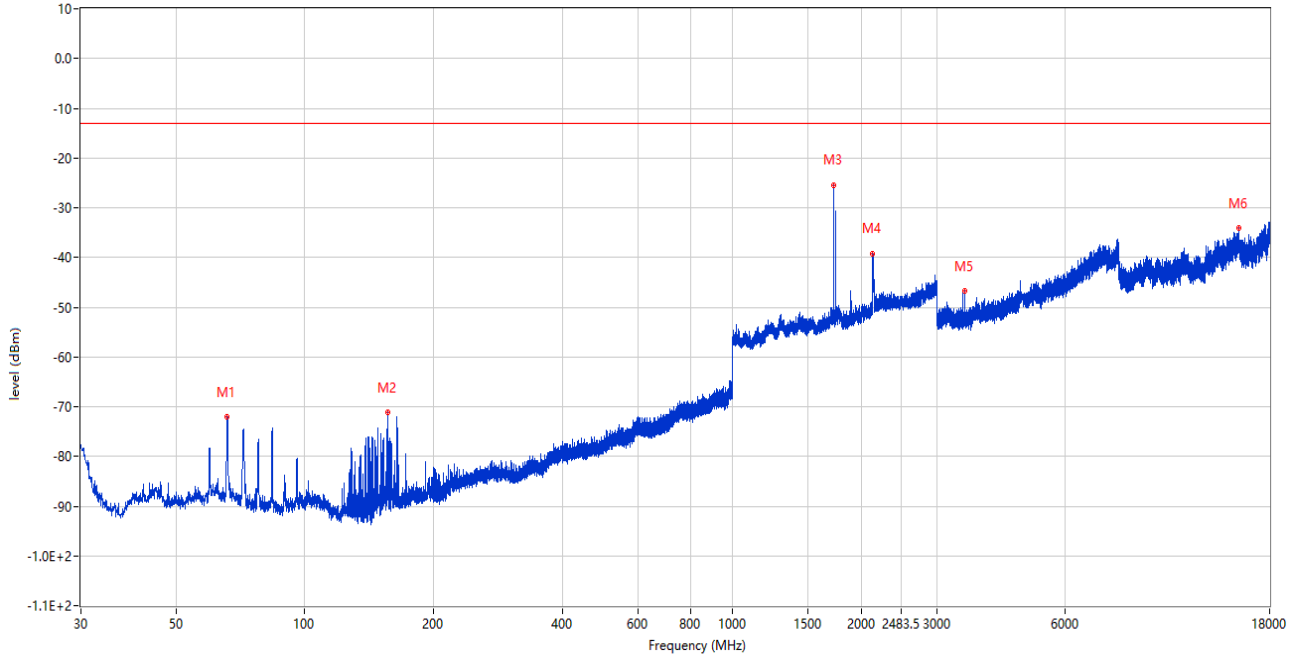
Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
83.932	-63.21	-19.59	-13.0	50.21	135.00	Vertical	Horizontal	Pass
1723.900	-38.12	2.70	-13.0	25.12	208.00	Vertical	Horizontal	N/A
2124.600	-36.28	3.95	-13.0	23.28	349.00	Vertical	Horizontal	N/A
3448.000	-46.76	4.84	-13.0	33.76	112.00	Vertical	Horizontal	Pass
7226.250	-37.27	18.55	-13.0	24.27	2.00	Vertical	Horizontal	Pass
15248.213	-34.10	22.80	-13.0	21.10	39.00	Vertical	Horizontal	Pass



LTE-CatM1 Band 4 BW20, Middle Channel

RSE-H LTE-CatM1 Band 4 BW20 CH20175

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

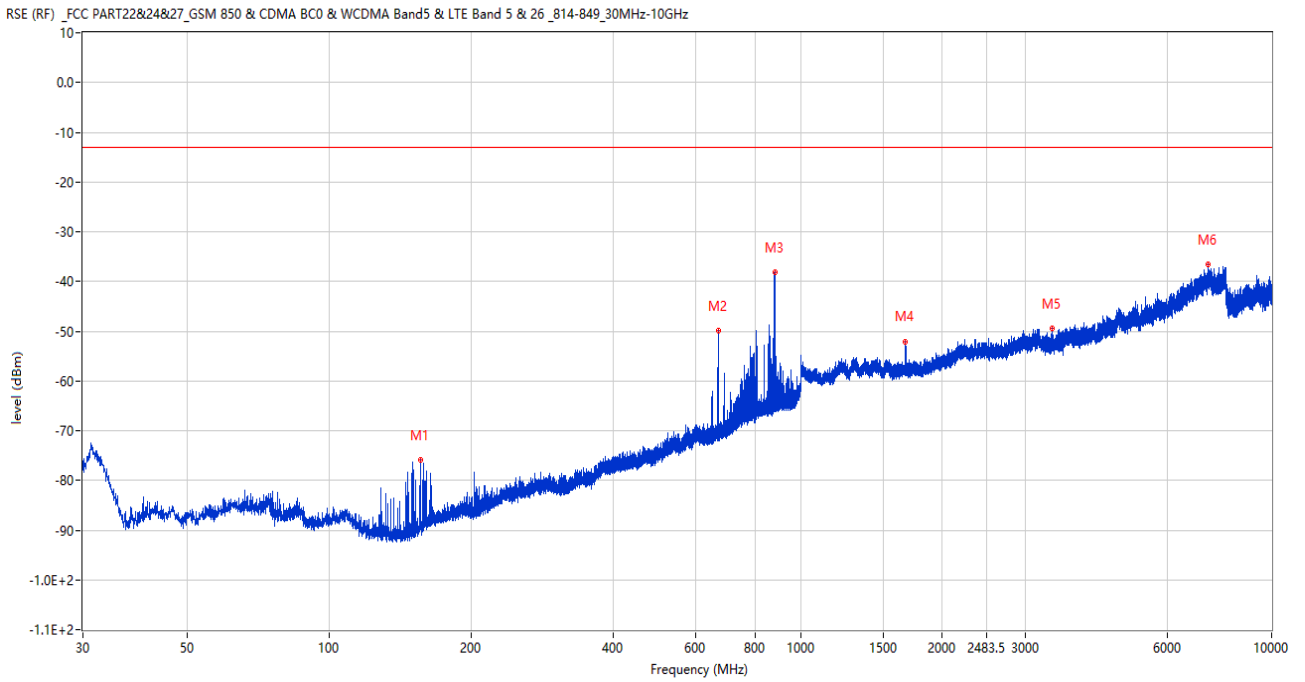


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
65.939	-72.06	-17.66	-13.0	59.06	172.00	Horizontal	Horizontal	Pass
156.779	-71.19	-20.62	-13.0	58.19	31.00	Horizontal	Horizontal	Pass
1723.800	-25.58	2.69	-13.0	12.58	140.00	Horizontal	Horizontal	N/A
2128.100	-39.28	3.91	-13.0	26.28	120.00	Horizontal	Horizontal	N/A
3482.750	-46.79	5.46	-13.0	33.79	356.00	Horizontal	Horizontal	Pass
15247.162	-34.06	22.76	-13.0	21.06	165.00	Horizontal	Horizontal	Pass

3 LTE-CatM1 Band 5

3.1 LTE-CatM1 Band 5 BW1.4, Middle Channel

RSE-V LTE-CatM1 Band 5 BW1.4 CH20525

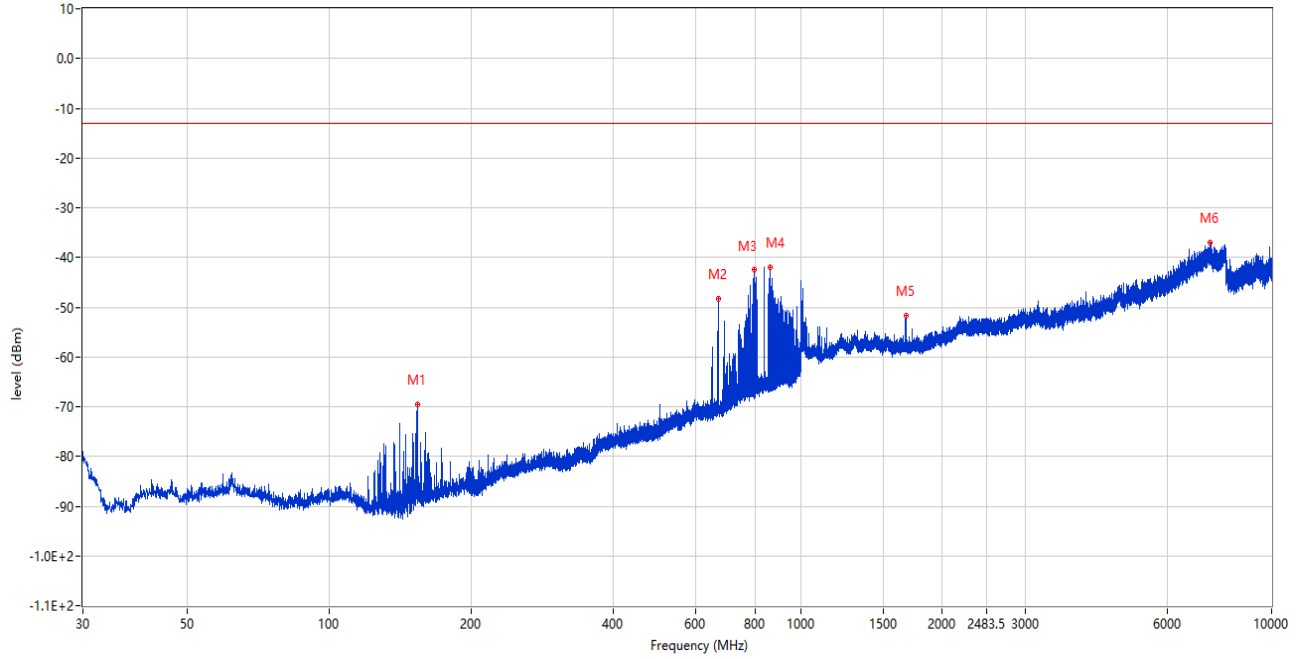


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
156.197	-75.80	-19.19	-13.0	62.80	22.00	Vertical	Horizontal	Pass
669.182	-49.86	-0.36	-13.0	36.86	220.00	Vertical	Horizontal	Pass
881.708	-38.18	5.07	-13.0	25.18	344.00	Vertical	Horizontal	N/A
1671.800	-52.04	-3.65	-13.0	39.04	281.00	Vertical	Horizontal	Pass
3420.500	-49.49	5.36	-13.0	36.49	4.00	Vertical	Horizontal	Pass
7345.250	-36.61	17.75	-13.0	23.61	0.00	Vertical	Horizontal	Pass

LTE-CatM1 Band 5 BW1.4, Middle Channel

RSE-H LTE-CatM1 Band 5 BW1.4 CH20525

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

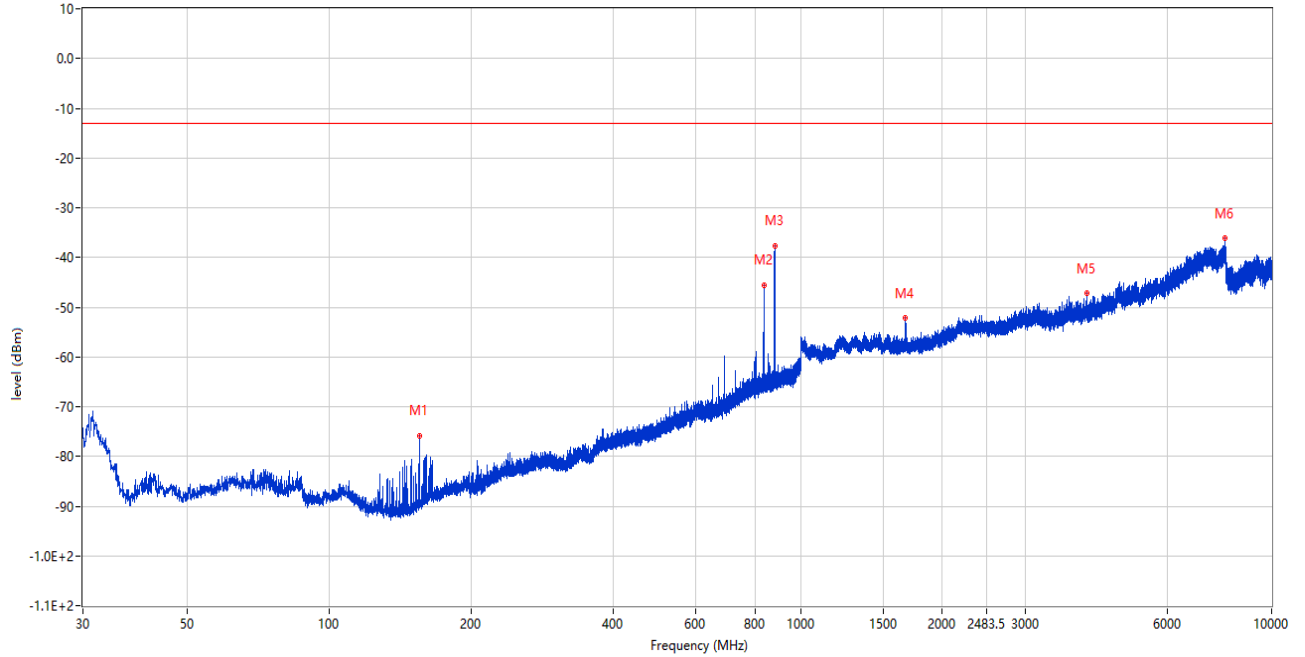


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
153.869	-69.62	-19.62	-13.0	56.62	256.00	Horizontal	Horizontal	Pass
669.182	-48.37	-0.36	-13.0	35.37	37.00	Horizontal	Horizontal	Pass
798.240	-42.46	3.32	-13.0	29.46	54.00	Horizontal	Horizontal	Pass
861.969	-41.93	4.86	-13.0	28.93	66.00	Horizontal	Horizontal	N/A
1673.500	-51.80	-3.69	-13.0	38.80	94.00	Horizontal	Horizontal	Pass
7406.750	-37.08	19.05	-13.0	24.08	216.00	Horizontal	Horizontal	Pass

### 3.2 LTE-CatM1 Band 5 BW3, Middle Channel

#### RSE-V LTE-CatM1 Band 5 BW3 CH20525

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

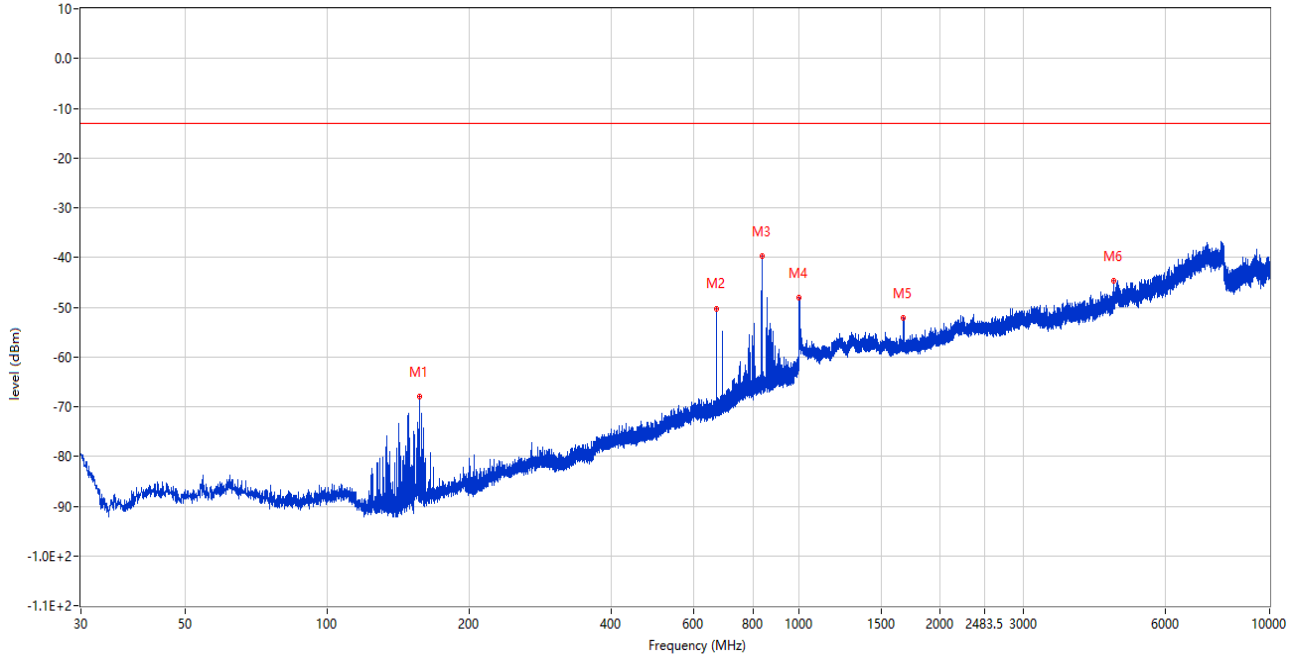


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
155.518	-75.94	-19.32	-13.0	62.94	357.00	Vertical	Horizontal	Pass
837.719	-45.57	5.03	-13.0	32.57	52.00	Vertical	Horizontal	N/A
882.339	-37.71	5.05	-13.0	24.71	84.00	Vertical	Horizontal	N/A
1670.300	-52.25	-3.61	-13.0	39.25	272.00	Vertical	Horizontal	Pass
4052.750	-47.08	8.15	-13.0	34.08	140.00	Vertical	Horizontal	Pass
7959.500	-36.09	19.78	-13.0	23.09	206.00	Vertical	Horizontal	Pass

LTE-CatM1 Band 5 BW3, Middle Channel

RSE-H LTE-CatM1 Band 5 BW3 CH20525

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

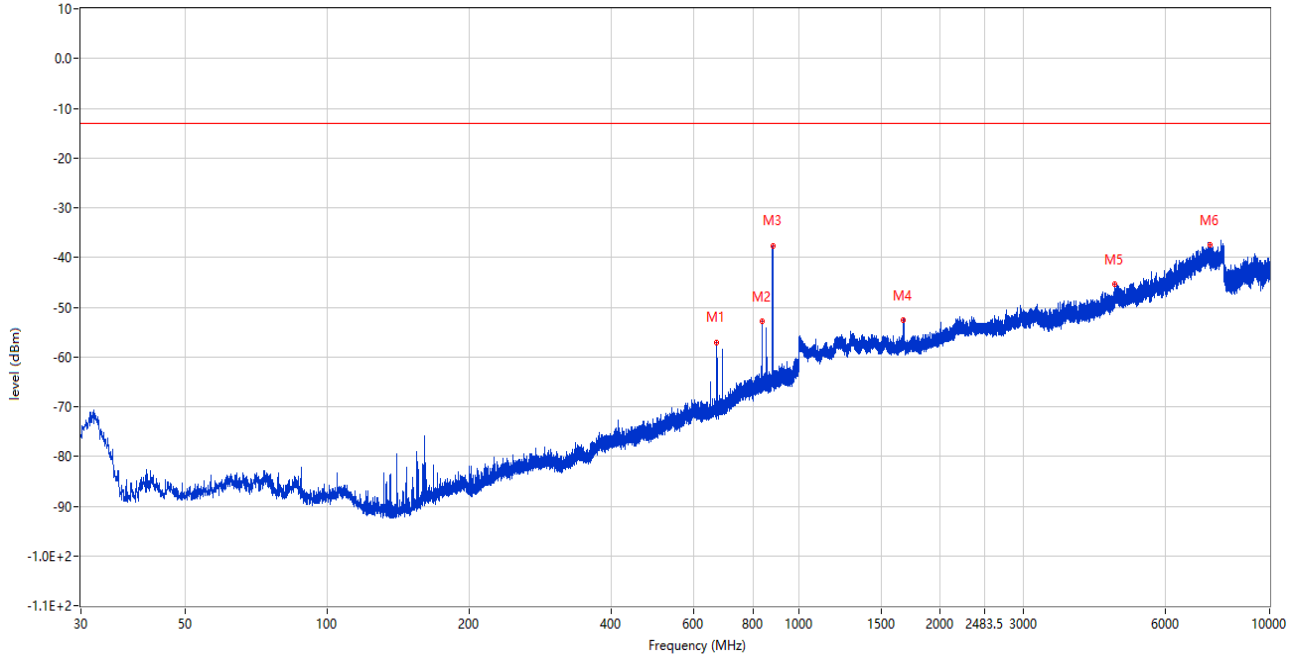


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
156.779	-67.93	-19.08	-13.0	54.93	231.00	Horizontal	Horizontal	Pass
669.860	-50.41	-0.38	-13.0	37.41	97.00	Horizontal	Horizontal	Pass
837.865	-39.69	5.03	-13.0	26.69	55.00	Horizontal	Horizontal	N/A
1004.600	-48.16	-2.36	-13.0	35.16	54.00	Horizontal	Horizontal	Pass
1670.600	-52.17	-3.61	-13.0	39.17	143.00	Horizontal	Horizontal	Pass
4670.000	-44.77	9.60	-13.0	31.77	249.00	Horizontal	Horizontal	Pass

3.3 LTE-CatM1 Band 5 BW5, Middle Channel

RSE-V LTE-CatM1 Band 5 BW5 CH20525

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

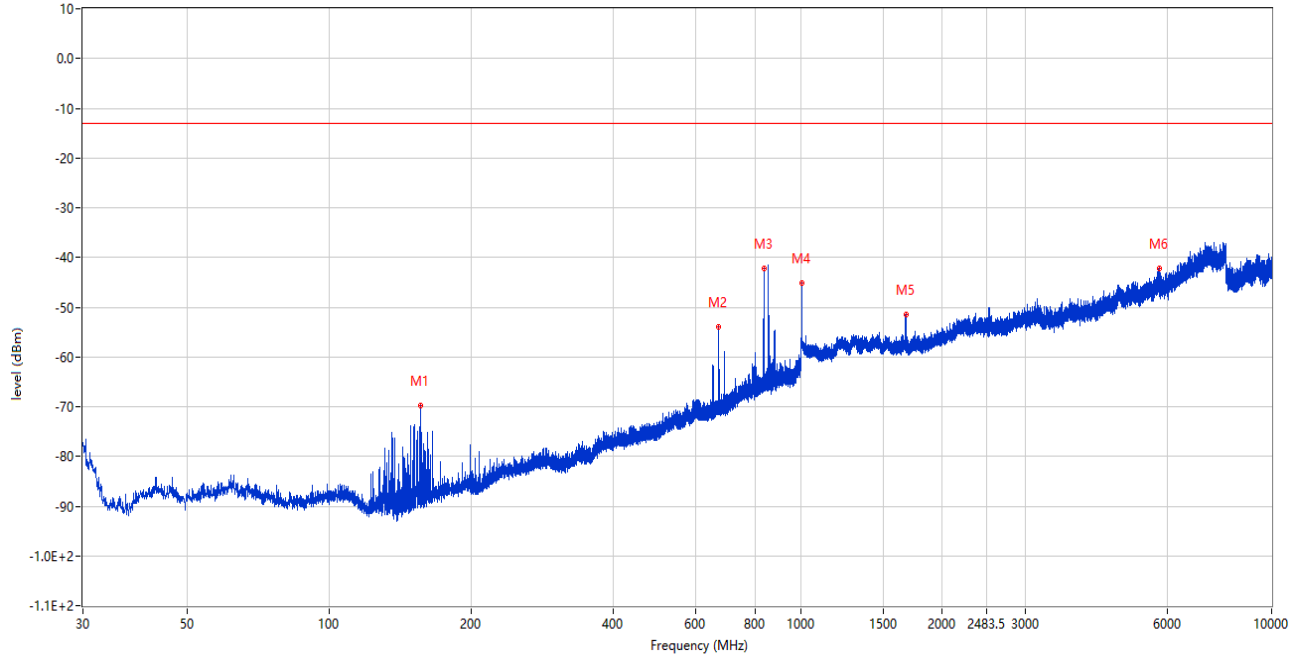


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
671.316	-57.11	-0.33	-13.0	44.11	251.00	Vertical	Horizontal	Pass
838.641	-52.89	5.05	-13.0	39.89	36.00	Vertical	Horizontal	Pass
882.873	-37.59	5.05	-13.0	24.59	338.00	Vertical	Horizontal	N/A
1668.700	-52.60	-3.61	-13.0	39.60	40.00	Vertical	Horizontal	Pass
4701.000	-45.39	9.96	-13.0	32.39	123.00	Vertical	Horizontal	Pass
7458.000	-37.47	18.31	-13.0	24.47	293.00	Vertical	Horizontal	Pass

LTE-CatM1 Band 5 BW5, Middle Channel

RSE-H LTE-CatM1 Band 5 BW5 CH20525

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

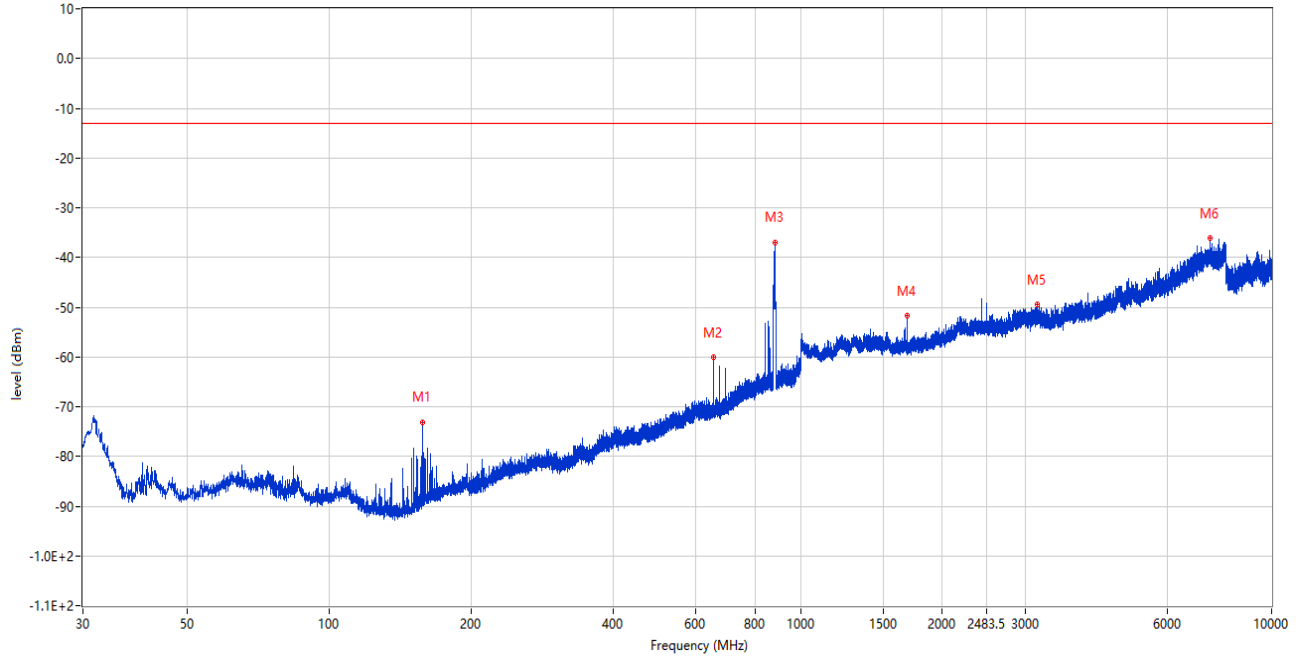


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
155.954	-69.82	-19.24	-13.0	56.82	56.00	Horizontal	Horizontal	Pass
670.540	-53.91	-0.36	-13.0	40.91	218.00	Horizontal	Horizontal	Pass
838.641	-42.11	5.05	-13.0	29.11	67.00	Horizontal	Horizontal	N/A
1005.600	-45.08	-2.34	-13.0	32.08	47.00	Horizontal	Horizontal	Pass
1677.300	-51.51	-3.78	-13.0	38.51	100.00	Horizontal	Horizontal	Pass
5772.000	-42.13	12.57	-13.0	29.13	175.00	Horizontal	Horizontal	Pass

### 3.4 LTE-CatM1 Band 5 BW10, Middle Channel

#### RSE-V LTE-CatM1 Band 5 BW10 CH20525

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



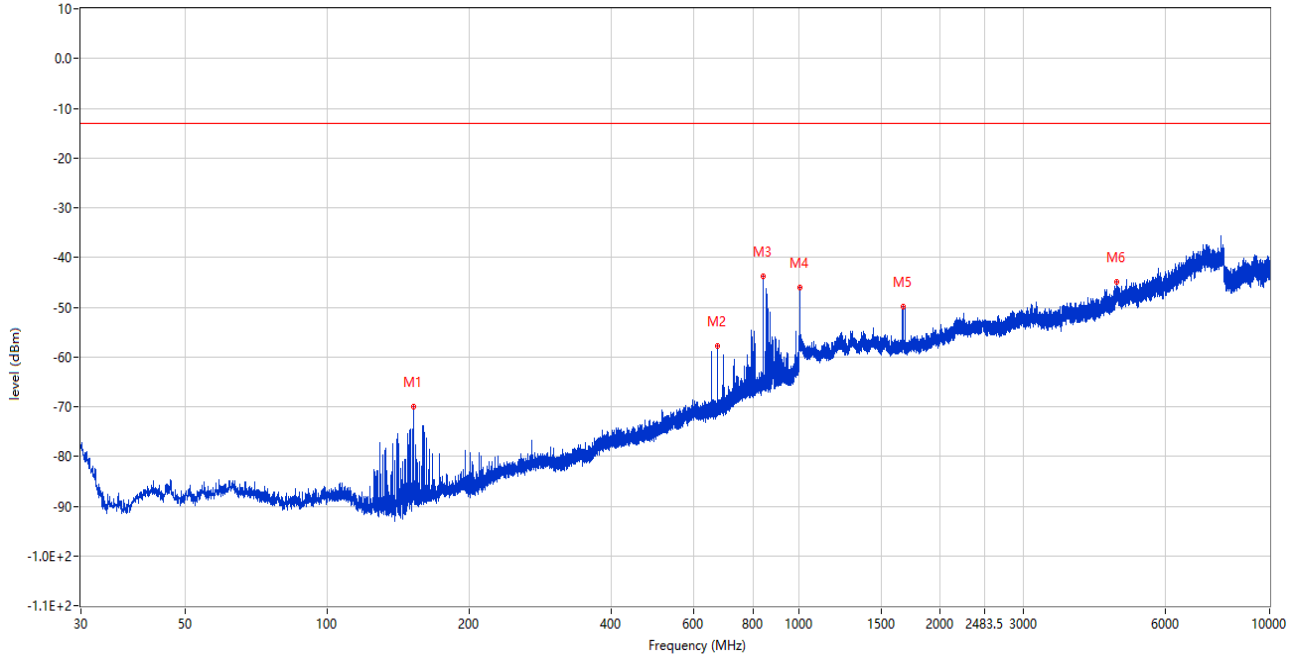
Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
157.749	-73.07	-18.89	-13.0	60.07	2.00	Vertical	Horizontal	Pass
654.146	-60.07	-0.72	-13.0	47.07	246.00	Vertical	Horizontal	Pass
884.473	-36.90	5.06	-13.0	23.90	99.00	Vertical	Horizontal	N/A
1681.400	-51.80	-3.88	-13.0	38.80	161.00	Vertical	Horizontal	Pass
3178.000	-49.35	5.02	-13.0	36.35	2.00	Vertical	Horizontal	Pass
7411.250	-36.08	19.06	-13.0	23.08	69.00	Vertical	Horizontal	Pass



LTE-CatM1 Band 5 BW10, Middle Channel

RSE-H LTE-CatM1 Band 5 BW10 CH20525

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

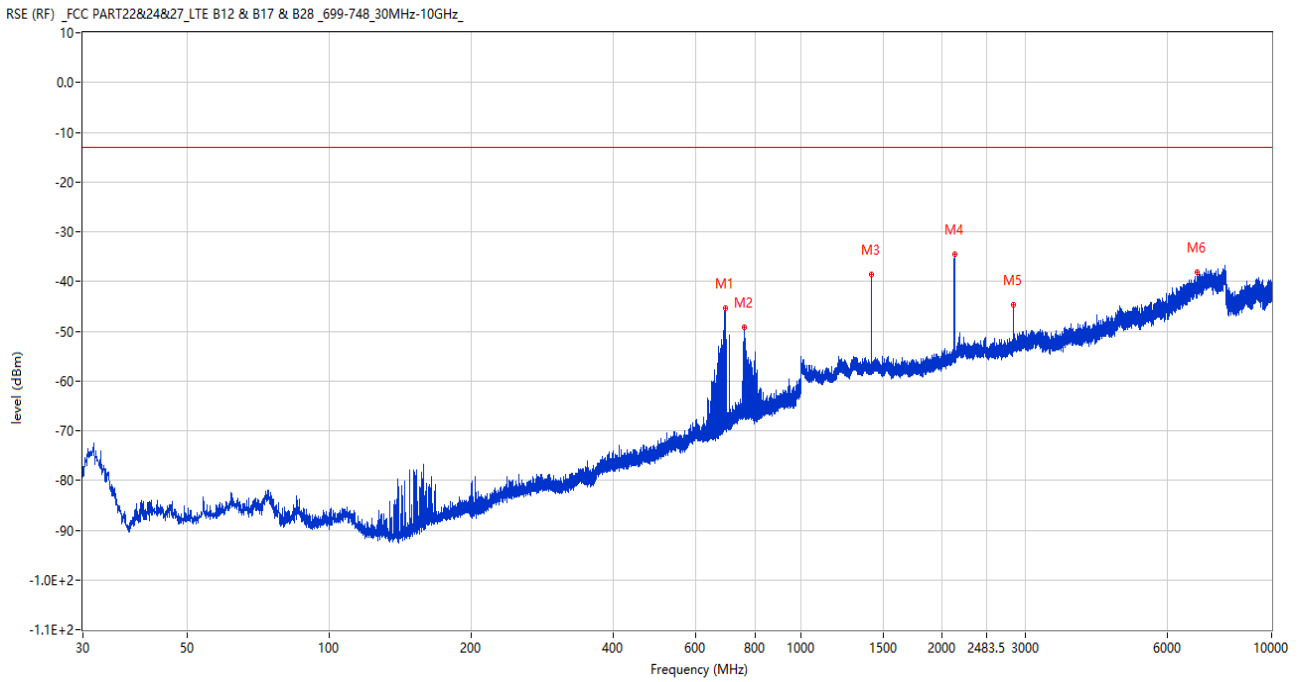


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
152.268	-69.96	-19.92	-13.0	56.96	181.00	Horizontal	Horizontal	Pass
672.383	-57.71	-0.29	-13.0	44.71	4.00	Horizontal	Horizontal	Pass
840.872	-43.87	5.09	-13.0	30.87	70.00	Horizontal	Horizontal	N/A
1008.600	-46.07	-2.28	-13.0	33.07	37.00	Horizontal	Horizontal	Pass
1664.400	-49.93	-3.64	-13.0	36.93	150.00	Horizontal	Horizontal	Pass
4744.000	-44.97	11.02	-13.0	31.97	305.00	Horizontal	Horizontal	Pass

4 LTE-CatM1 Band 12

4.1 LTE-CatM1 Band 12 BW1.4, Middle Channel

RSE-V LTE-CatM1 Band 12 BW1.4 CH23095

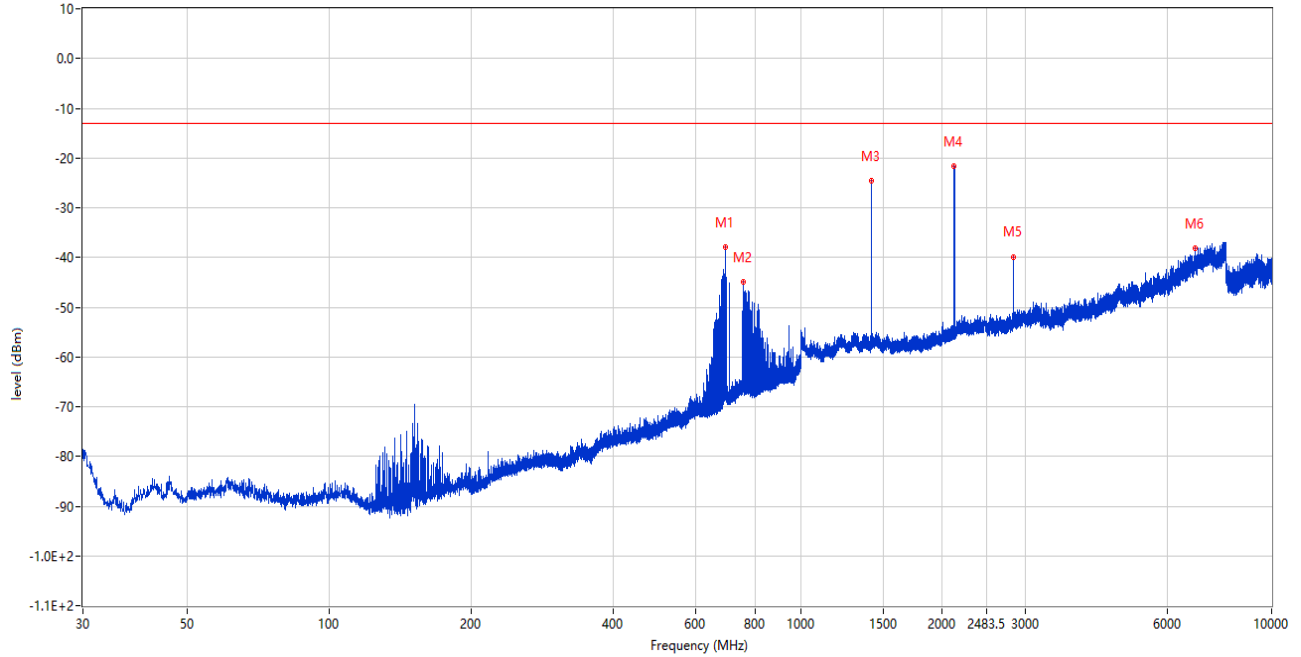


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
692.558	-45.32	1.87	-13.0	32.32	216.00	Vertical	Horizontal	Pass
758.276	-49.17	4.21	-13.0	36.17	221.00	Vertical	Horizontal	N/A
1413.800	-38.67	-3.59	-13.0	25.67	120.00	Vertical	Horizontal	Pass
2123.800	-34.62	-0.82	-13.0	21.62	270.00	Vertical	Horizontal	Pass
2827.900	-44.69	2.73	-13.0	31.69	181.00	Vertical	Horizontal	Pass
6963.750	-38.16	16.72	-13.0	25.16	96.00	Vertical	Horizontal	Pass

LTE-CatM1 Band 12 BW1.4, Middle Channel

RSE-H LTE-CatM1 Band 12 BW1.4 CH23095

RSE (RF) \_FCC PART228&24&27\_LTE B12 & B17 & B28\_699-748\_30MHz-10GHz\_

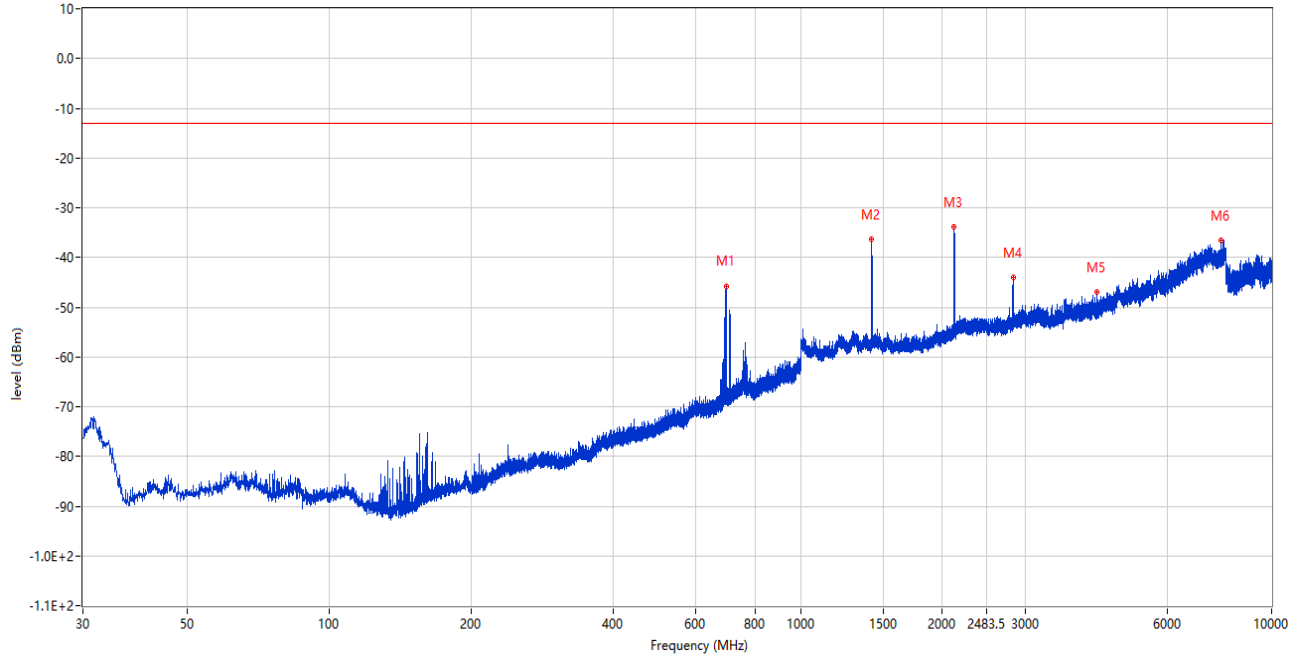


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
691.588	-37.85	1.79	-13.0	24.85	159.00	Horizontal	Horizontal	Pass
756.627	-45.02	4.20	-13.0	32.02	172.00	Horizontal	Horizontal	N/A
1413.900	-24.61	-3.59	-13.0	11.61	214.00	Horizontal	Horizontal	Pass
2121.000	-21.73	-0.78	-13.0	8.73	162.00	Horizontal	Horizontal	Pass
2828.100	-39.93	2.74	-13.0	26.93	141.00	Horizontal	Horizontal	Pass
6882.500	-38.24	16.69	-13.0	25.24	284.00	Horizontal	Horizontal	Pass

## 4.2 LTE-CatM1 Band 12 BW3, Middle Channel

### RSE-V LTE-CatM1 Band 12 BW3 CH23095

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

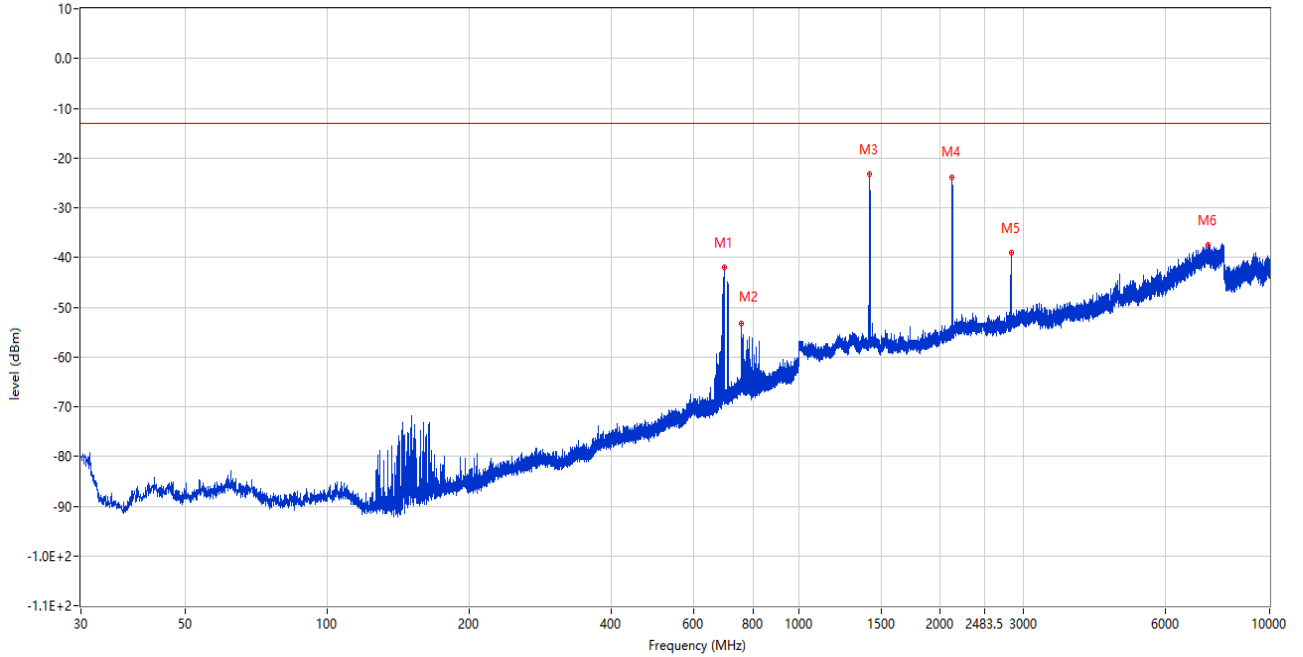


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
696.050	-45.71	1.91	-13.0	32.71	229.00	Vertical	Horizontal	Pass
1417.300	-36.29	-3.43	-13.0	23.29	23.00	Vertical	Horizontal	Pass
2119.100	-33.80	-0.78	-13.0	20.80	271.00	Vertical	Horizontal	Pass
2835.100	-44.11	2.87	-13.0	31.11	300.00	Vertical	Horizontal	Pass
4252.500	-46.86	8.14	-13.0	33.86	321.00	Vertical	Horizontal	Pass
7796.000	-36.63	18.48	-13.0	23.63	341.00	Vertical	Horizontal	Pass

LTE-CatM1 Band 12 BW3, Middle Channel

RSE-H LTE-CatM1 Band 12 BW3 CH23095

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

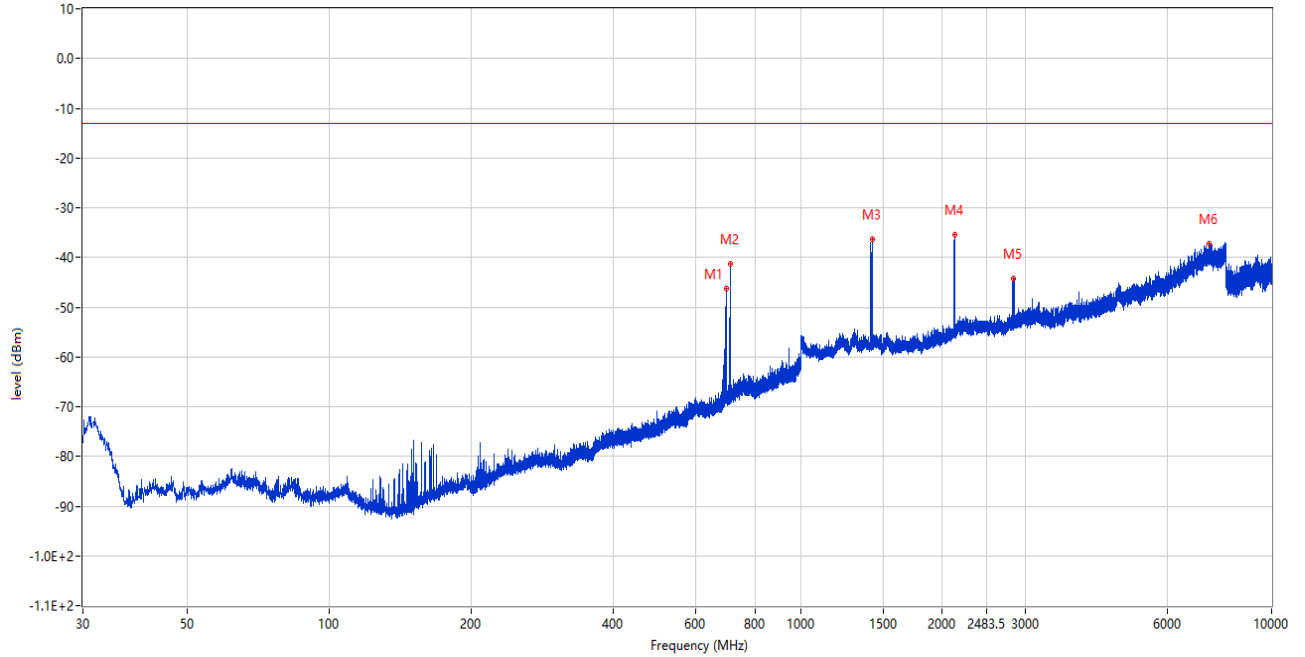


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
694.984	-42.00	1.90	-13.0	29.00	172.00	Horizontal	Horizontal	Pass
757.015	-53.38	4.21	-13.0	40.38	56.00	Horizontal	Horizontal	Pass
1412.700	-23.17	-3.64	-13.0	10.17	199.00	Horizontal	Horizontal	Pass
2119.100	-23.92	-0.78	-13.0	10.92	155.00	Horizontal	Horizontal	Pass
2835.000	-39.10	2.87	-13.0	26.10	150.00	Horizontal	Horizontal	Pass
7407.500	-37.42	19.07	-13.0	24.42	94.00	Horizontal	Horizontal	Pass

### 4.3 LTE-CatM1 Band 12 BW5, Middle Channel

#### RSE-V LTE-CatM1 Band 12 BW5 CH23095

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

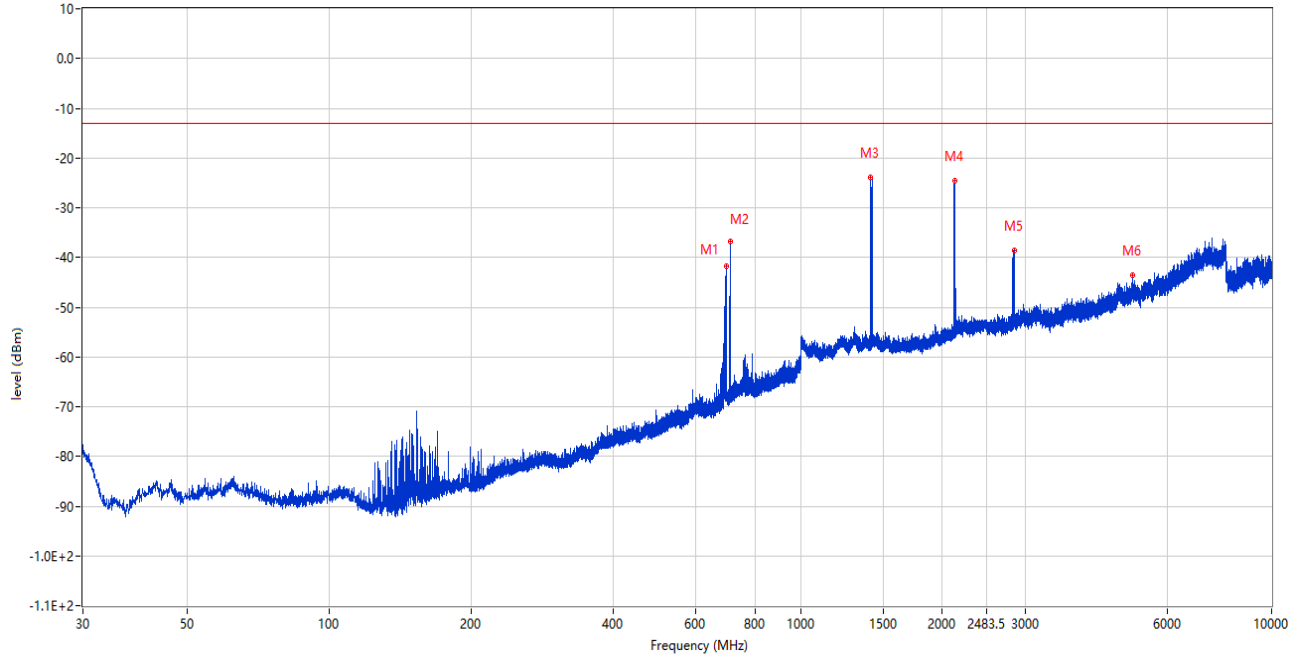


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
695.711	-46.27	1.91	-13.0	33.27	217.00	Vertical	Horizontal	Pass
709.679	-41.34	2.40	-13.0	28.34	217.00	Vertical	Horizontal	N/A
1419.300	-36.41	-3.33	-13.0	23.41	21.00	Vertical	Horizontal	Pass
2128.700	-35.42	-0.89	-13.0	22.42	268.00	Vertical	Horizontal	Pass
2838.300	-44.18	2.87	-13.0	31.18	297.00	Vertical	Horizontal	Pass
7354.000	-37.22	17.85	-13.0	24.22	95.00	Vertical	Horizontal	Pass

LTE-CatM1 Band 12 BW5, Middle Channel

RSE-H LTE-CatM1 Band 12 BW5 CH23095

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

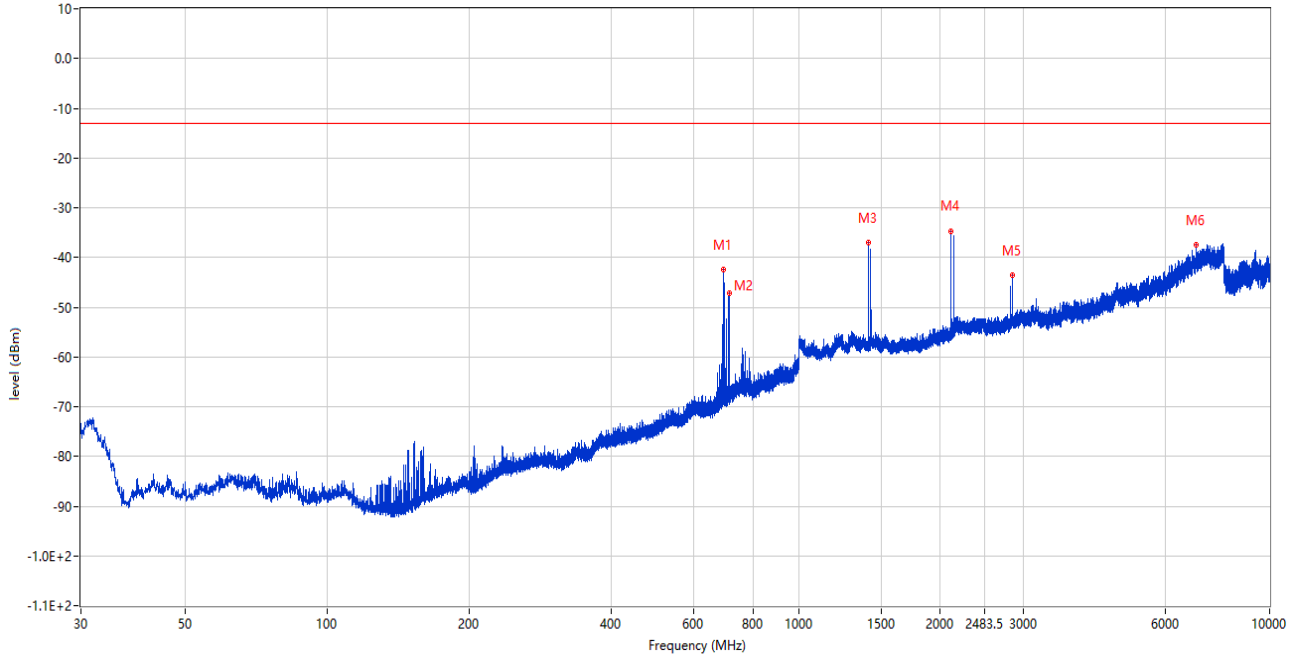


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
695.177	-41.81	1.90	-13.0	28.81	329.00	Horizontal	Horizontal	Pass
709.630	-36.77	2.39	-13.0	23.77	151.00	Horizontal	Horizontal	N/A
1410.600	-23.94	-3.74	-13.0	10.94	111.00	Horizontal	Horizontal	Pass
2128.700	-24.62	-0.89	-13.0	11.62	154.00	Horizontal	Horizontal	Pass
2838.400	-38.50	2.87	-13.0	25.50	144.00	Horizontal	Horizontal	Pass
5069.750	-43.63	10.98	-13.0	30.63	346.00	Horizontal	Horizontal	Pass

4.4 LTE-CatM1 Band 12 BW10, Middle Channel

RSE-V LTE-CatM1 Band 12 BW10 CH23095

RSE (RF) \_FCC PART228&24&27\_LTE B12 & B17 & B28\_699-748\_30MHz-10GHz\_



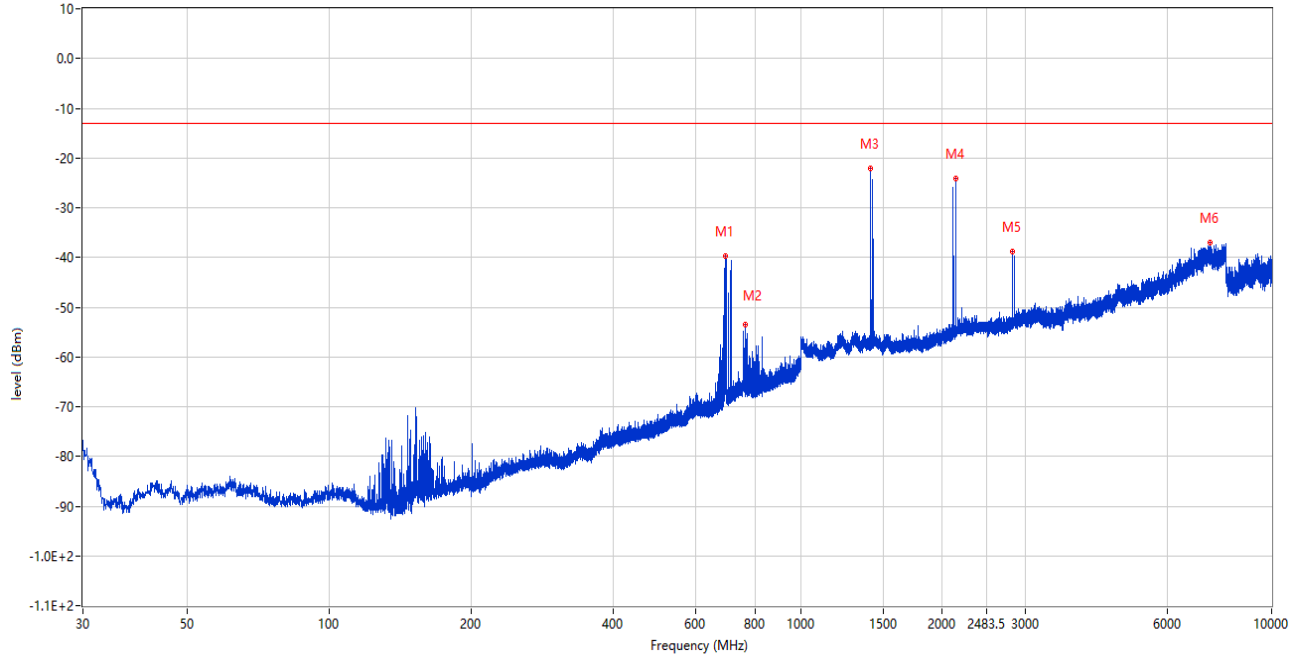
Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
692.607	-42.54	1.87	-13.0	29.54	210.00	Vertical	Horizontal	Pass
711.862	-47.17	2.50	-13.0	34.17	223.00	Vertical	Horizontal	N/A
1406.300	-37.07	-3.71	-13.0	24.07	22.00	Vertical	Horizontal	Pass
2109.500	-34.78	-0.92	-13.0	21.78	237.00	Vertical	Horizontal	Pass
2847.300	-43.57	2.90	-13.0	30.57	294.00	Vertical	Horizontal	Pass
6979.250	-37.42	16.63	-13.0	24.42	245.00	Vertical	Horizontal	Pass



LTE-CatM1 Band 12 BW10, Middle Channel

RSE-H LTE-CatM1 Band 12 BW10 CH23095

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

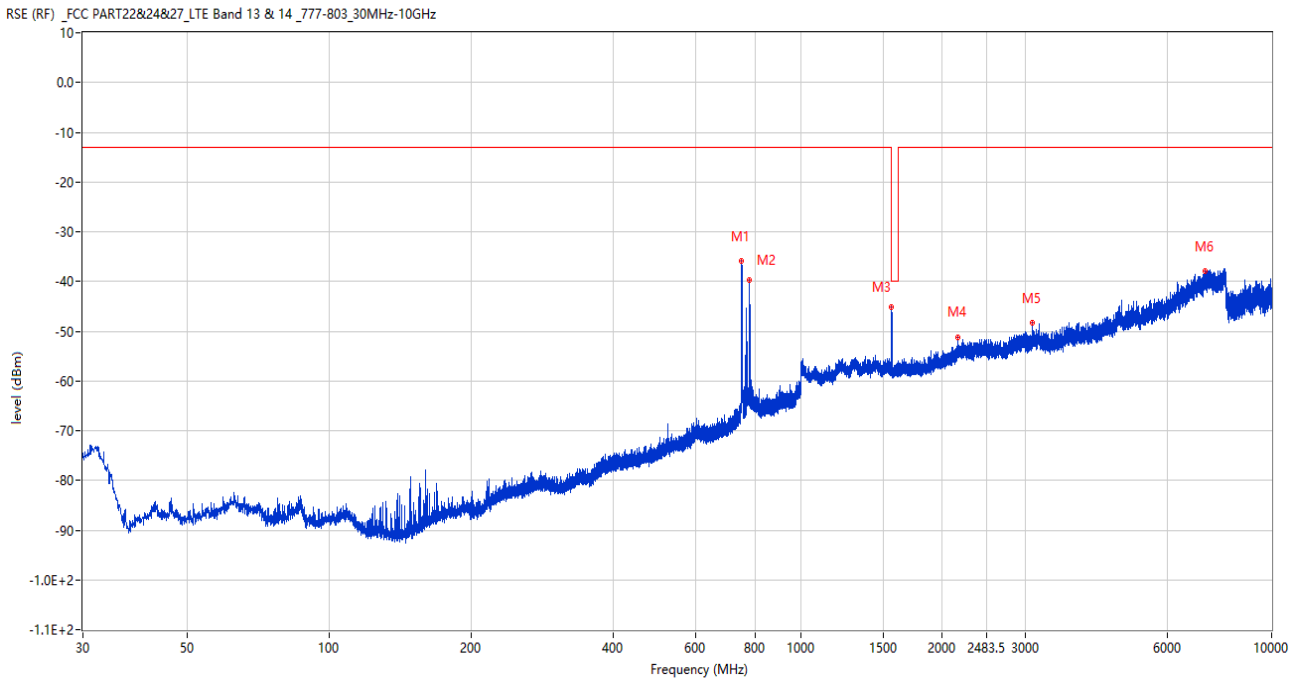


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
693.480	-39.68	1.88	-13.0	26.68	178.00	Horizontal	Horizontal	Pass
763.369	-53.49	3.68	-13.0	40.49	56.00	Horizontal	Horizontal	N/A
1406.400	-22.19	-3.71	-13.0	9.19	213.00	Horizontal	Horizontal	Pass
2135.600	-24.05	-0.72	-13.0	11.05	158.00	Horizontal	Horizontal	Pass
2812.700	-38.85	2.14	-13.0	25.85	145.00	Horizontal	Horizontal	Pass
7399.000	-37.07	18.88	-13.0	24.07	264.00	Horizontal	Horizontal	Pass

5 LTE-CatM1 Band 13

5.1 LTE-CatM1 Band 13 BW5, Middle Channel

RSE-V LTE-CatM1 Band 13 BW5 CH23230

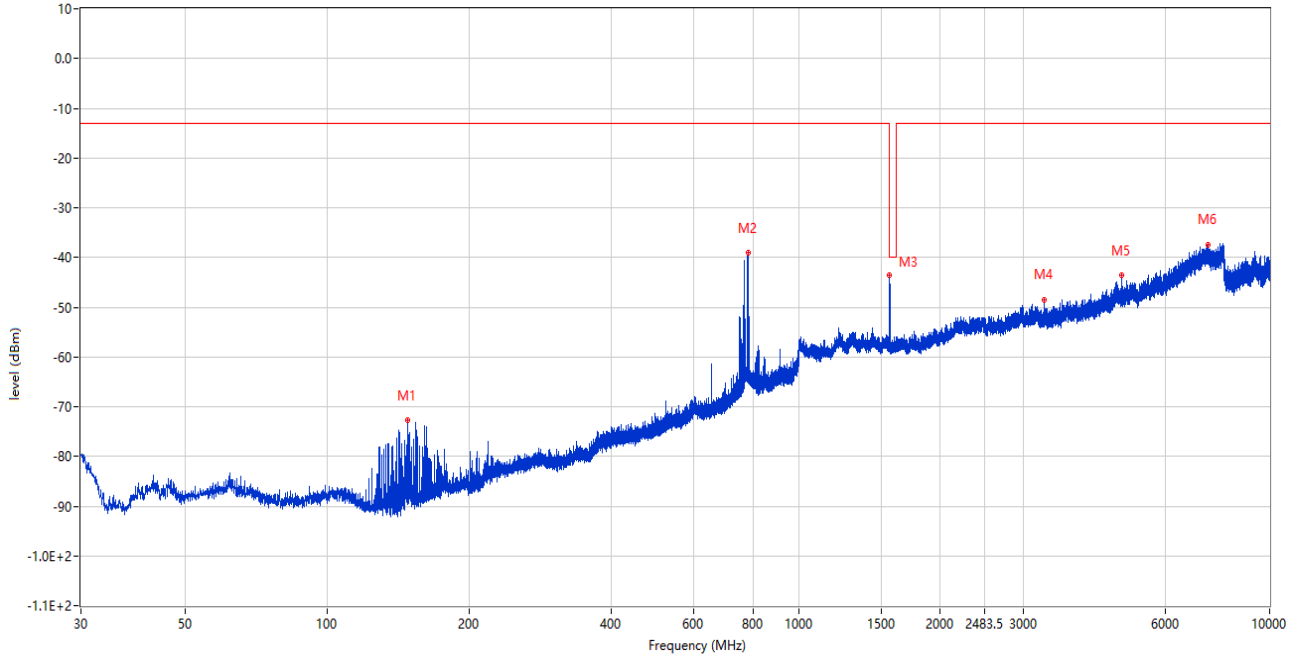


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
748.916	-35.88	3.06	-13.0	22.88	224.00	Vertical	Horizontal	N/A
779.858	-39.75	6.48	-13.0	26.75	43.00	Vertical	Horizontal	N/A
1559.400	-45.04	-3.98	-40.0	5.04	215.00	Vertical	Horizontal	Pass
2154.200	-51.18	0.09	-13.0	38.18	70.00	Vertical	Horizontal	Pass
3100.000	-48.42	4.30	-13.0	35.42	152.00	Vertical	Horizontal	Pass
7230.250	-38.00	18.53	-13.0	25.00	118.00	Vertical	Horizontal	Pass

LTE-CatM1 Band 13 BW5, Middle Channel

RSE-H LTE-CatM1 Band 13 BW5 CH23230

RSE (RF) \_FCC PART228&24&27\_LTE Band 13 & 14 \_777-803\_30MHz-10GHz

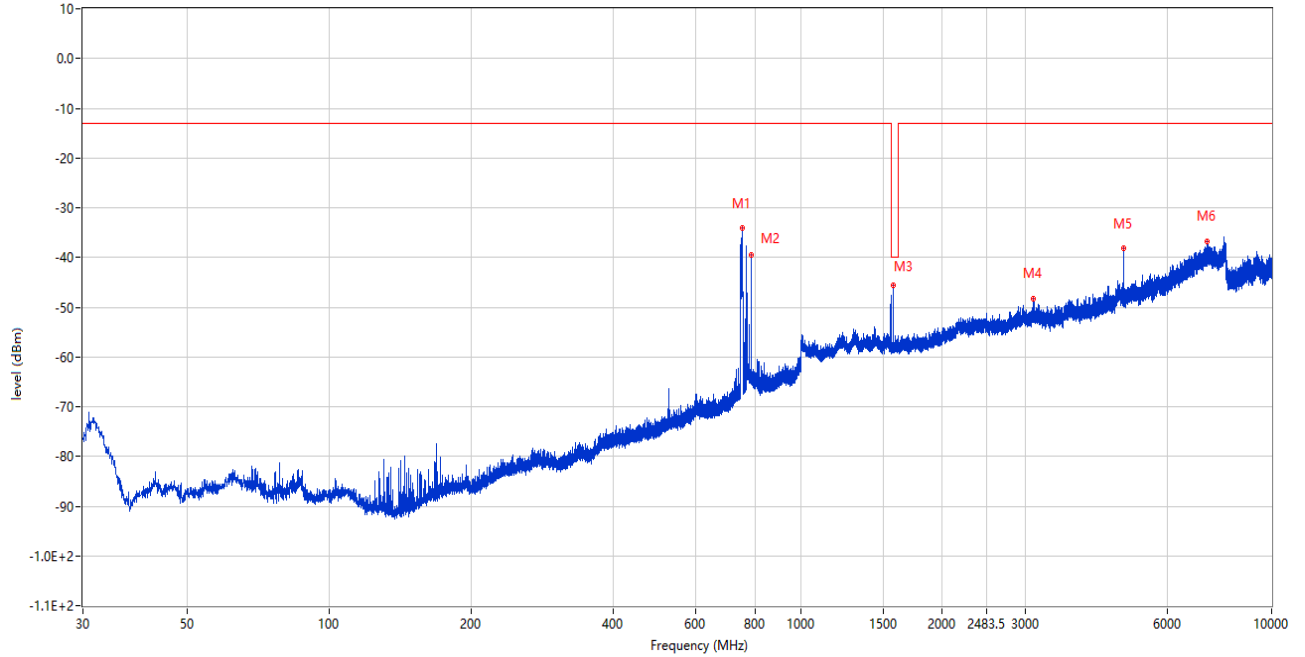


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
148.194	-72.82	-20.57	-13.0	59.82	239.00	Horizontal	Horizontal	Pass
784.127	-39.00	6.24	-13.0	26.00	51.00	Horizontal	Horizontal	N/A
1559.500	-43.58	-3.98	-40.0	3.58	130.00	Horizontal	Horizontal	Pass
3328.750	-48.43	4.88	-13.0	35.43	150.00	Horizontal	Horizontal	Pass
4851.250	-43.55	10.27	-13.0	30.55	187.00	Horizontal	Horizontal	Pass
7389.000	-37.36	18.47	-13.0	24.36	307.00	Horizontal	Horizontal	Pass

## 5.2 LTE-CatM1 Band 13 BW10, Middle Channel

### RSE-V LTE-CatM1 Band 13 BW10 CH23230

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

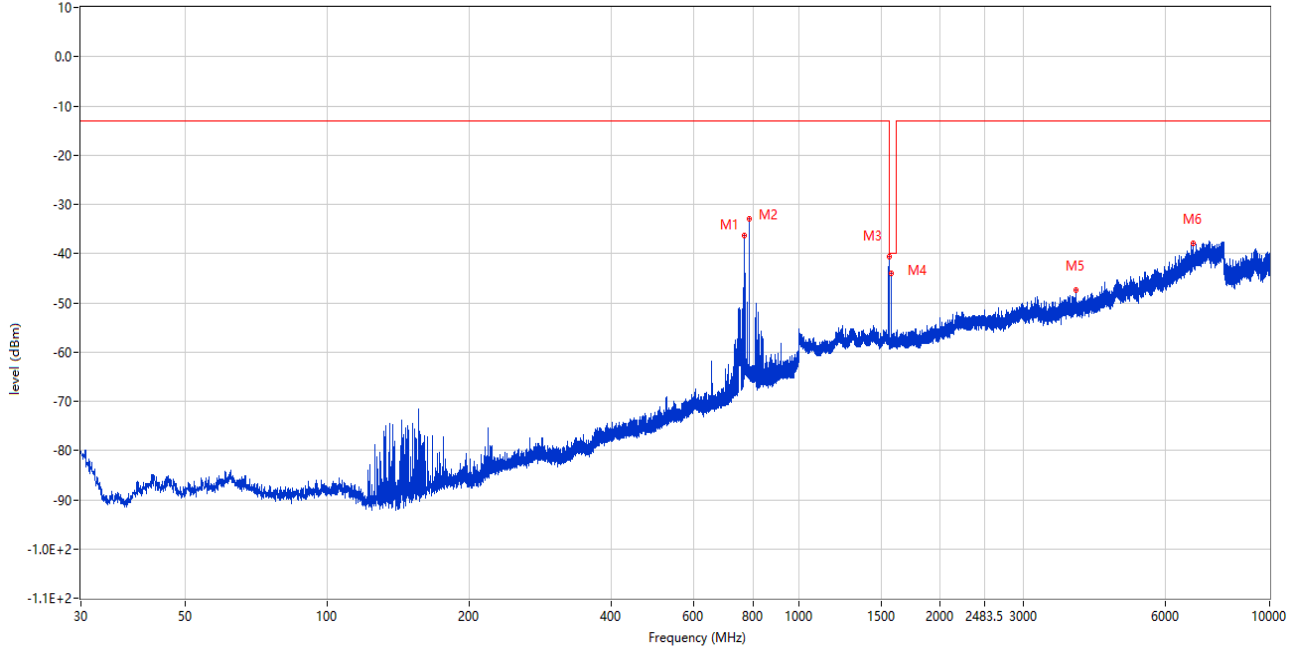


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
754.008	-34.16	3.49	-13.0	21.16	166.00	Vertical	Horizontal	N/A
786.406	-39.45	6.12	-13.0	26.45	39.00	Vertical	Horizontal	N/A
1572.600	-45.64	-4.22	-40.0	5.64	253.00	Vertical	Horizontal	Pass
3120.750	-48.19	5.10	-13.0	35.19	2.00	Vertical	Horizontal	Pass
4852.000	-38.09	10.26	-13.0	25.09	360.00	Vertical	Horizontal	Pass
7310.250	-36.84	17.57	-13.0	23.84	346.00	Vertical	Horizontal	Pass

LTE-CatM1 Band 13 BW10, Middle Channel

RSE-H LTE-CatM1 Band 13 BW10 CH23230

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

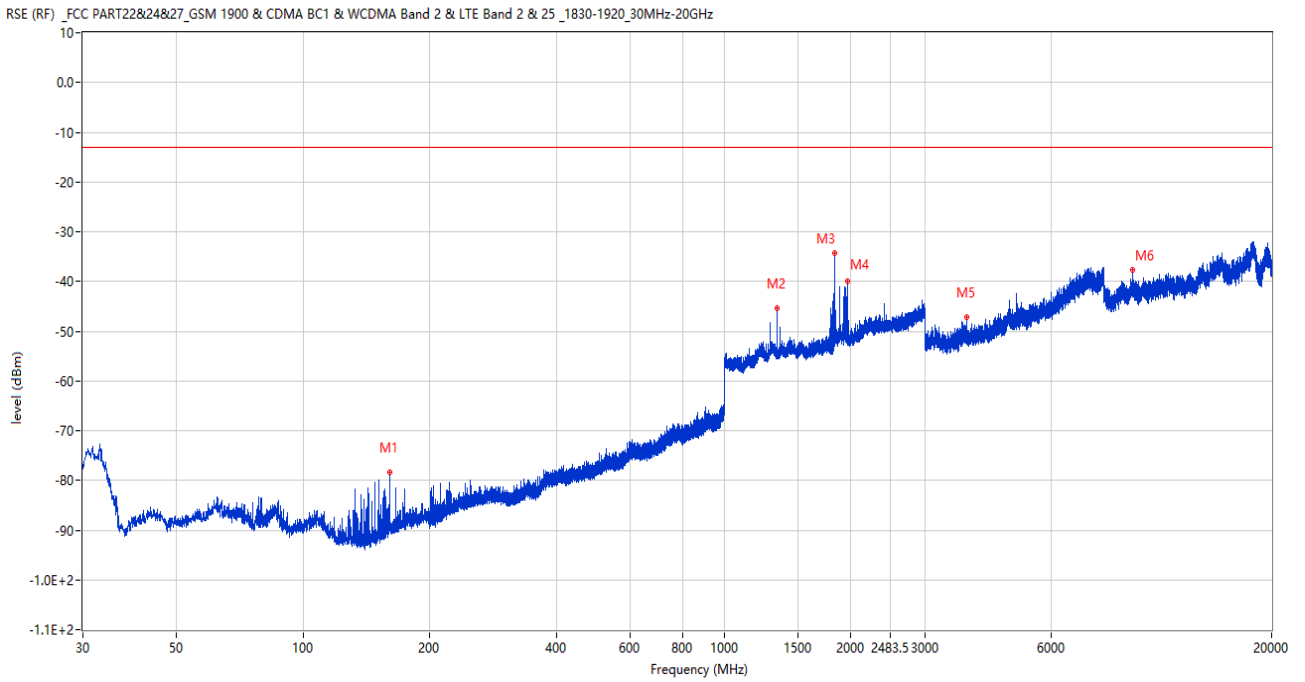


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
769.140	-36.38	6.72	-13.0	23.38	57.00	Horizontal	Horizontal	N/A
786.358	-32.88	6.12	-13.0	19.88	46.00	Horizontal	Horizontal	N/A
1555.300	-40.72	-3.83	-13.0	27.72	170.00	Horizontal	Horizontal	Pass
1572.600		-4.22	-40.0	4.03	53.00	Horizontal	Horizontal	Pass
3874.000	-47.44	8.59	-13.0	34.44	166.00	Horizontal	Horizontal	Pass
6879.750	-38.02	16.74	-13.0	25.02	330.00	Horizontal	Horizontal	Pass

6 LTE-CATM1 Band 25

6.1 LTE-CATM1 Band 25 BW1.4, Middle Channel

RSE-V LTE-CATM1 Band 25 BW1.4 CH26363

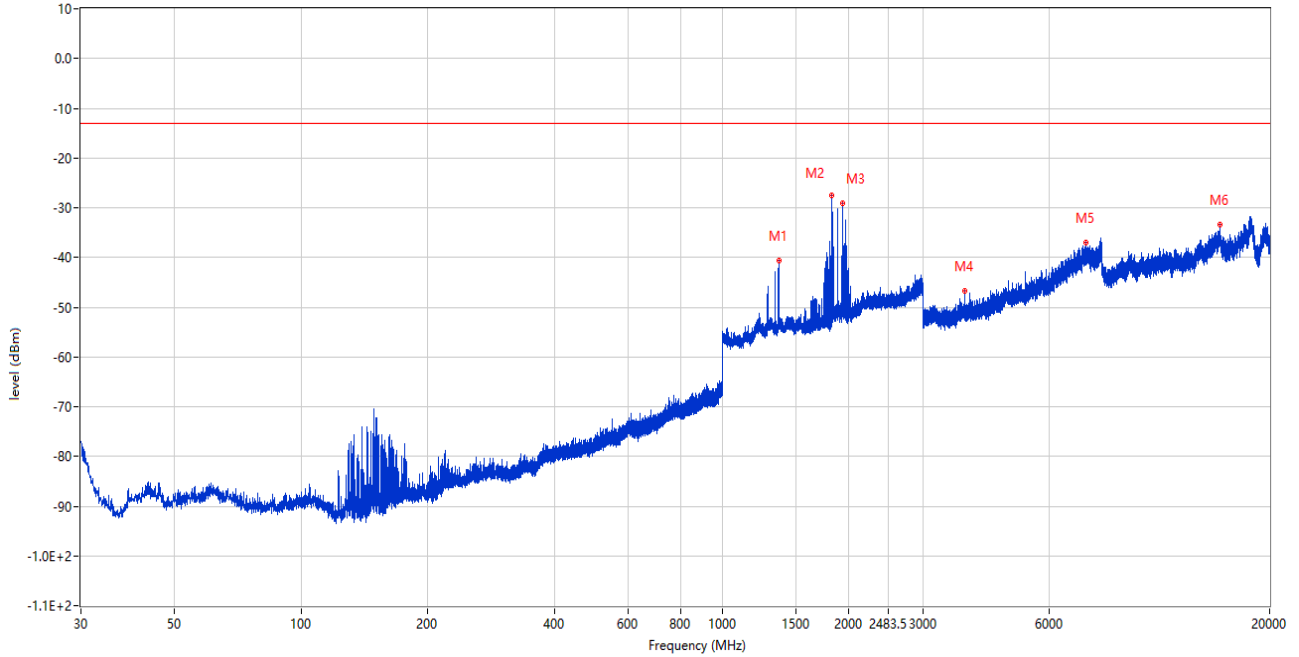


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
160.465	-78.46	-19.94	-13.0	65.46	23.00	Vertical	Horizontal	Pass
1337.600	-45.35	-0.40	-13.0	32.35	45.00	Vertical	Horizontal	Pass
1837.000	-34.34	2.90	-13.0	21.34	127.00	Vertical	Horizontal	Pass
1962.400	-40.04	2.67	-13.0	27.04	74.00	Vertical	Horizontal	Pass
3765.750	-47.19	8.43	-13.0	34.19	248.00	Vertical	Horizontal	Pass
9361.401	-37.79	15.50	-13.0	24.79	206.00	Vertical	Horizontal	Pass

LTE-CATM1 Band 25 BW1.4, Middle Channel

RSE-H LTE-CATM1 Band 25 BW1.4 CH26363

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

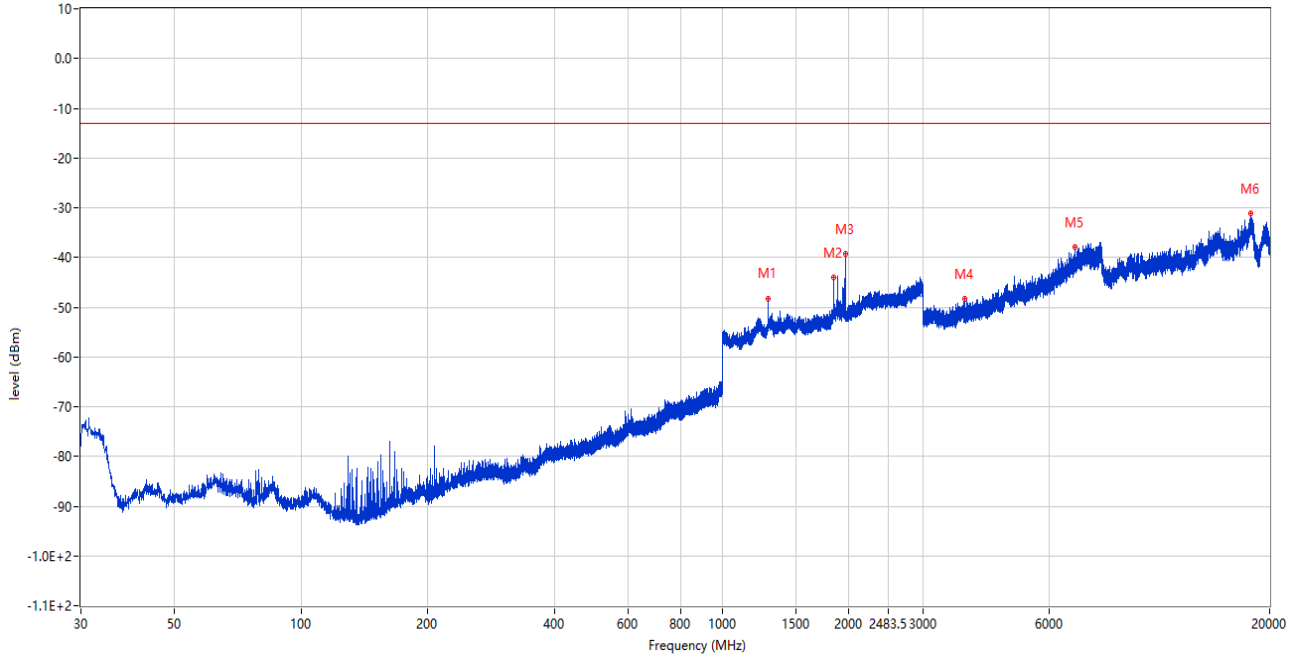


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
1363.400	-40.72	0.33	-13.0	27.72	57.00	Horizontal	Horizontal	Pass
1826.900	-27.61	1.48	-13.0	14.61	114.00	Horizontal	Horizontal	Pass
1939.400	-29.03	2.96	-13.0	16.03	112.00	Horizontal	Horizontal	N/A
3766.000	-46.75	8.42	-13.0	33.75	104.00	Horizontal	Horizontal	Pass
7337.000	-36.94	17.65	-13.0	23.94	155.00	Horizontal	Horizontal	Pass
15245.600	-33.46	22.72	-13.0	20.46	348.00	Horizontal	Horizontal	Pass

6.2 LTE-CATM1 Band 25 BW3, Middle Channel

RSE-V LTE-CATM1 Band 25 BW3 CH26363

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



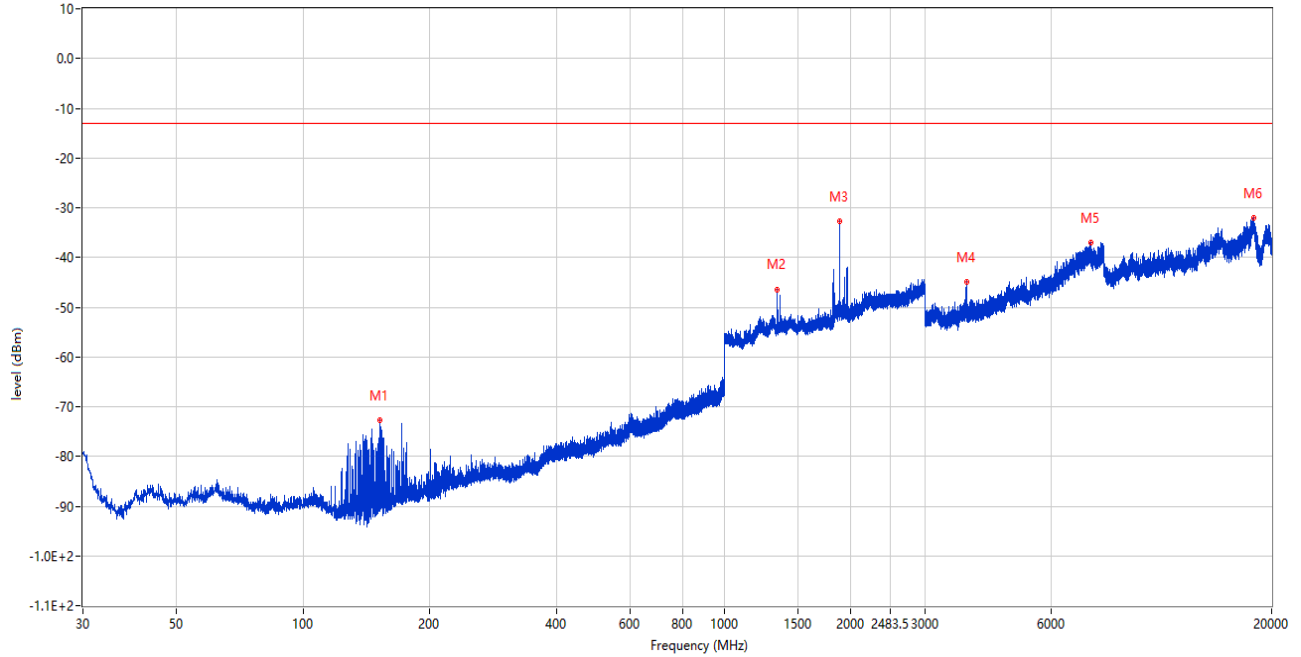
Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
1287.700	-48.40	0.62	-13.0	35.40	301.00	Vertical	Horizontal	Pass
1838.900	-43.98	3.23	-13.0	30.98	119.00	Vertical	Horizontal	Pass
1962.800	-39.23	2.63	-13.0	26.23	88.00	Vertical	Horizontal	N/A
3771.500	-48.24	8.08	-13.0	35.24	206.00	Vertical	Horizontal	Pass
6879.500	-37.92	16.74	-13.0	24.92	223.00	Vertical	Horizontal	Pass
18054.199	-31.10	25.24	-13.0	18.10	23.00	Vertical	Horizontal	Pass



LTE-CATM1 Band 25 BW3, Middle Channel

RSE-H LTE-CATM1 Band 25 BW3 CH26363

RSE (RF) \_FCC PART228&24&27\_GSM 1900 & CDMA BC1 & WCDMA Band 2 & LTE Band 2 & 25\_1830-1920\_30MHz-20GHz

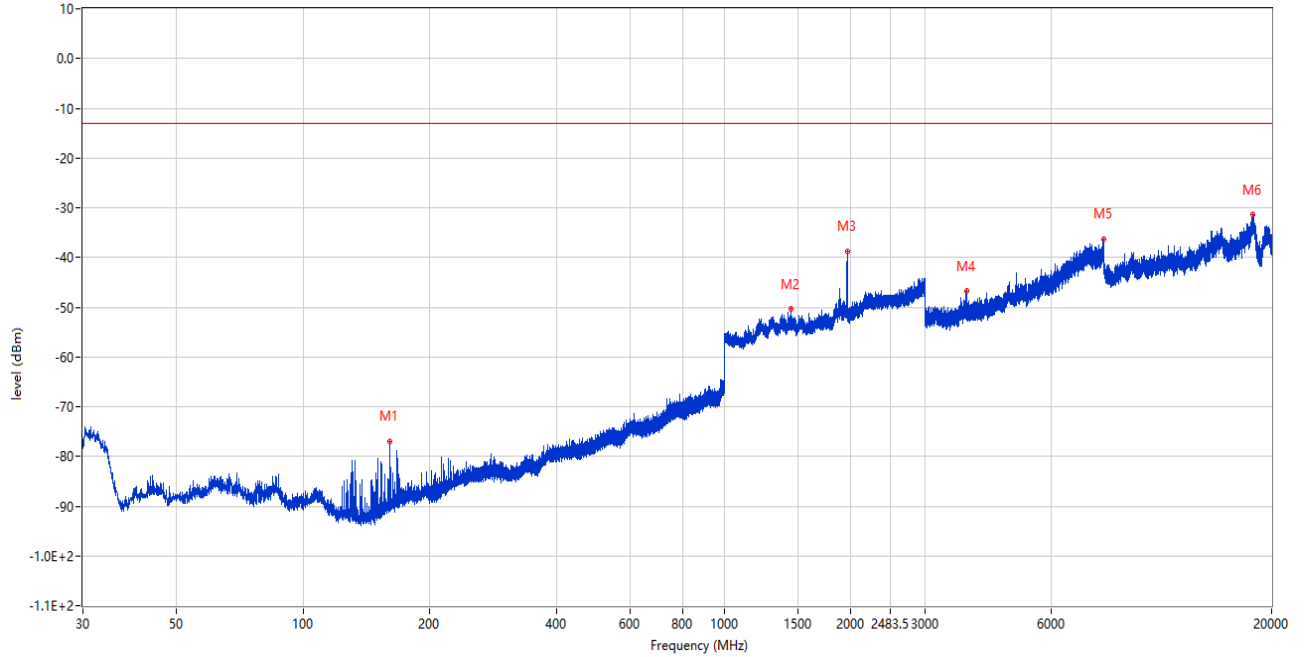


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
151.880	-72.76	-21.54	-13.0	59.76	36.00	Horizontal	Horizontal	Pass
1336.800	-46.53	-0.40	-13.0	33.53	360.00	Horizontal	Horizontal	Pass
1881.300	-32.77	3.42	-13.0	19.77	104.00	Horizontal	Horizontal	N/A
3767.500	-44.99	8.32	-13.0	31.99	209.00	Horizontal	Horizontal	Pass
7422.500	-36.96	18.57	-13.0	23.96	126.00	Horizontal	Horizontal	Pass
18105.801	-32.01	24.89	-13.0	19.01	50.00	Horizontal	Horizontal	Pass

### 6.3 LTE-CATM1 Band 25 BW5, Middle Channel

#### RSE-V LTE-CATM1 Band 25 BW5 CH26363

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

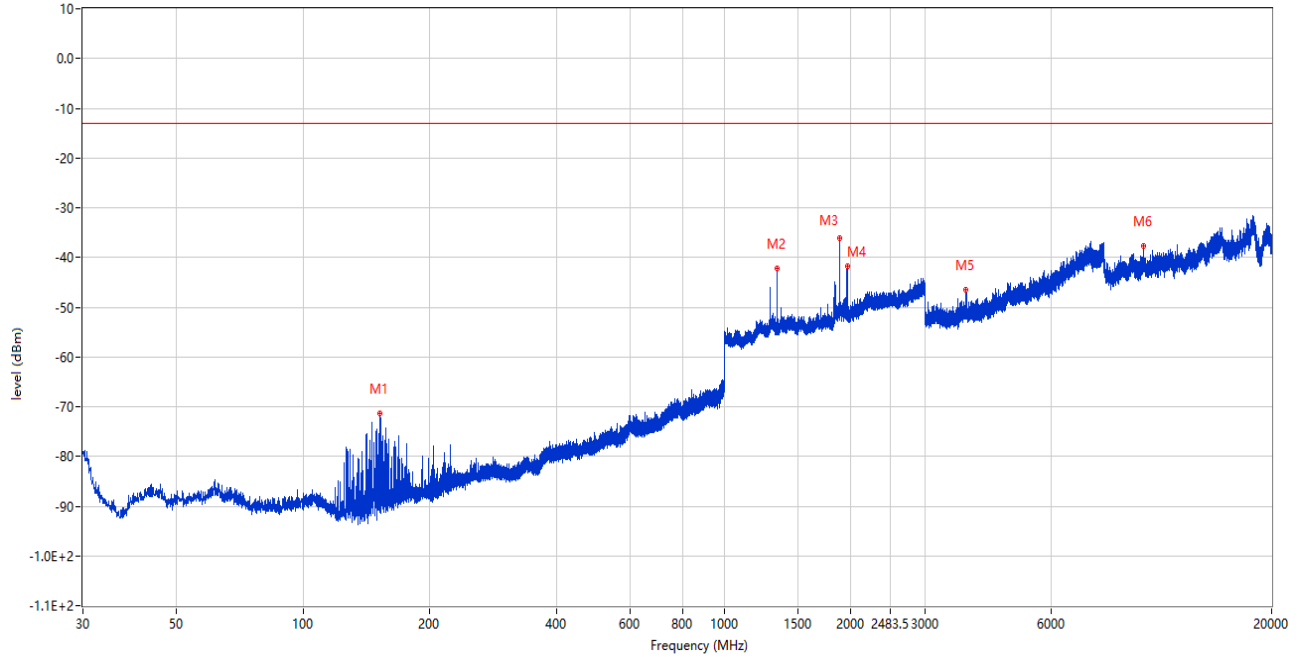


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
160.659	-77.02	-19.91	-13.0	64.02	341.00	Vertical	Horizontal	Pass
1439.100	-50.38	0.92	-13.0	37.38	310.00	Vertical	Horizontal	Pass
1963.000	-38.91	2.61	-13.0	25.91	83.00	Vertical	Horizontal	N/A
3769.250	-46.69	8.21	-13.0	33.69	218.00	Vertical	Horizontal	Pass
7998.250	-36.23	20.15	-13.0	23.23	270.00	Vertical	Horizontal	Pass
18060.200	-31.45	25.37	-13.0	18.45	66.00	Vertical	Horizontal	Pass

LTE-CATM1 Band 25 BW5, Middle Channel

RSE-H LTE-CATM1 Band 25 BW5 CH26363

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

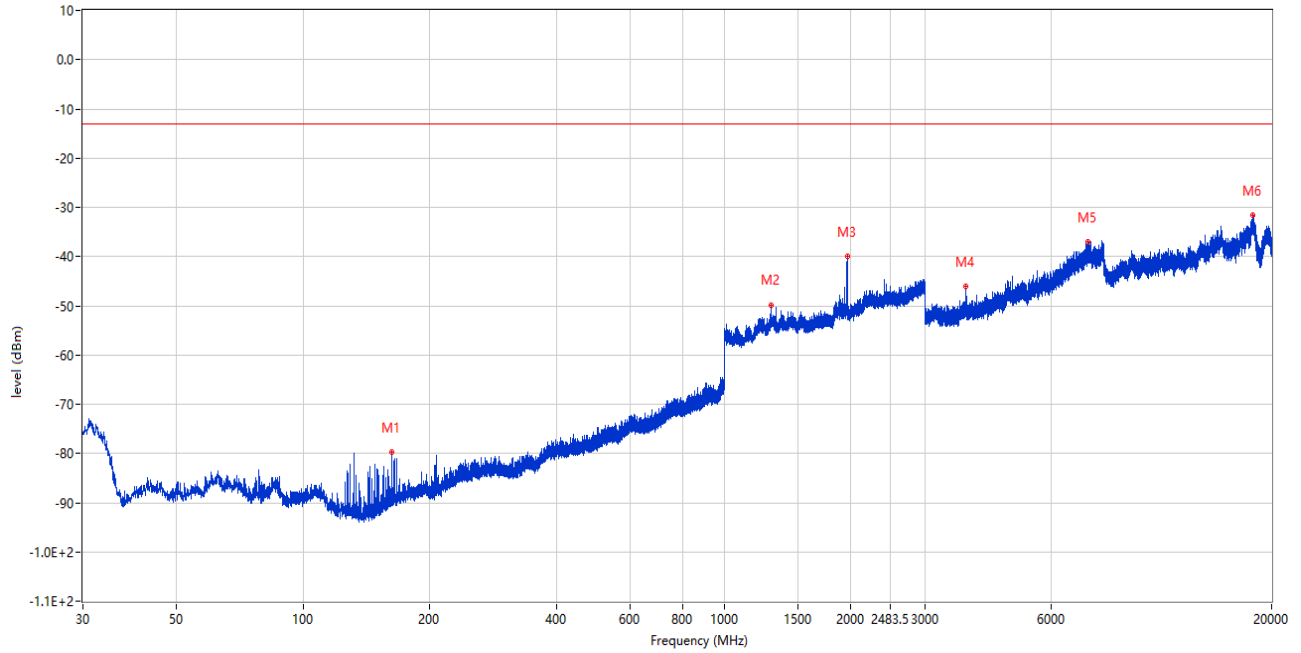


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
152.608	-71.46	-21.40	-13.0	58.46	275.00	Horizontal	Horizontal	Pass
1334.900	-42.20	-0.40	-13.0	29.20	104.00	Horizontal	Horizontal	Pass
1880.200	-36.10	3.41	-13.0	23.10	106.00	Horizontal	Horizontal	N/A
1962.100	-41.79	2.70	-13.0	28.79	243.00	Horizontal	Horizontal	N/A
3760.750	-46.57	8.75	-13.0	33.57	247.00	Horizontal	Horizontal	Pass
9909.200	-37.57	15.20	-13.0	24.57	132.00	Horizontal	Horizontal	Pass

### 6.4 LTE-CATM1 Band 25 BW10, Middle Channel

#### RSE-V LTE-CATM1 Band 25 BW10 CH26363

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

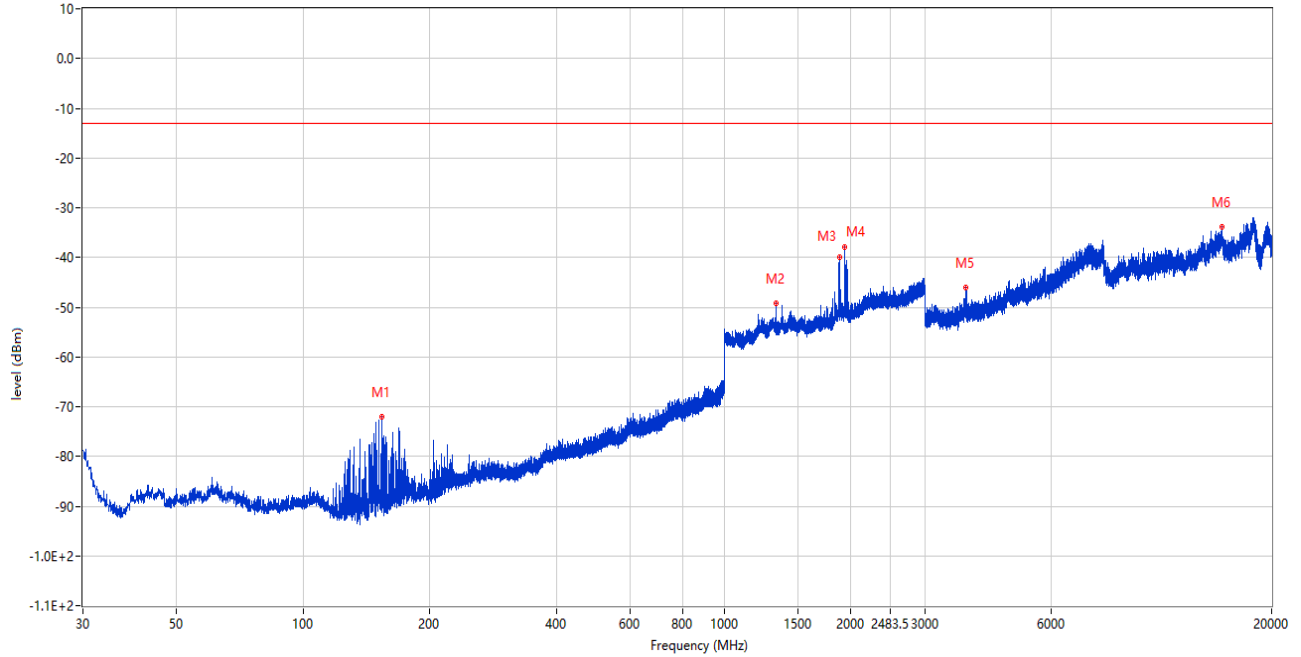


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
162.745	-79.80	-19.58	-13.0	66.80	40.00	Vertical	Horizontal	Pass
1293.900	-49.93	0.84	-13.0	36.93	152.00	Vertical	Horizontal	Pass
1965.100	-39.92	2.39	-13.0	26.92	80.00	Vertical	Horizontal	N/A
3756.250	-46.02	8.76	-13.0	33.02	239.00	Vertical	Horizontal	Pass
7315.500	-37.08	17.68	-13.0	24.08	126.00	Vertical	Horizontal	Pass
18063.800	-31.58	25.33	-13.0	18.58	93.00	Vertical	Horizontal	Pass

LTE-CATM1 Band 25 BW10, Middle Channel

RSE-H LTE-CATM1 Band 25 BW10 CH26363

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

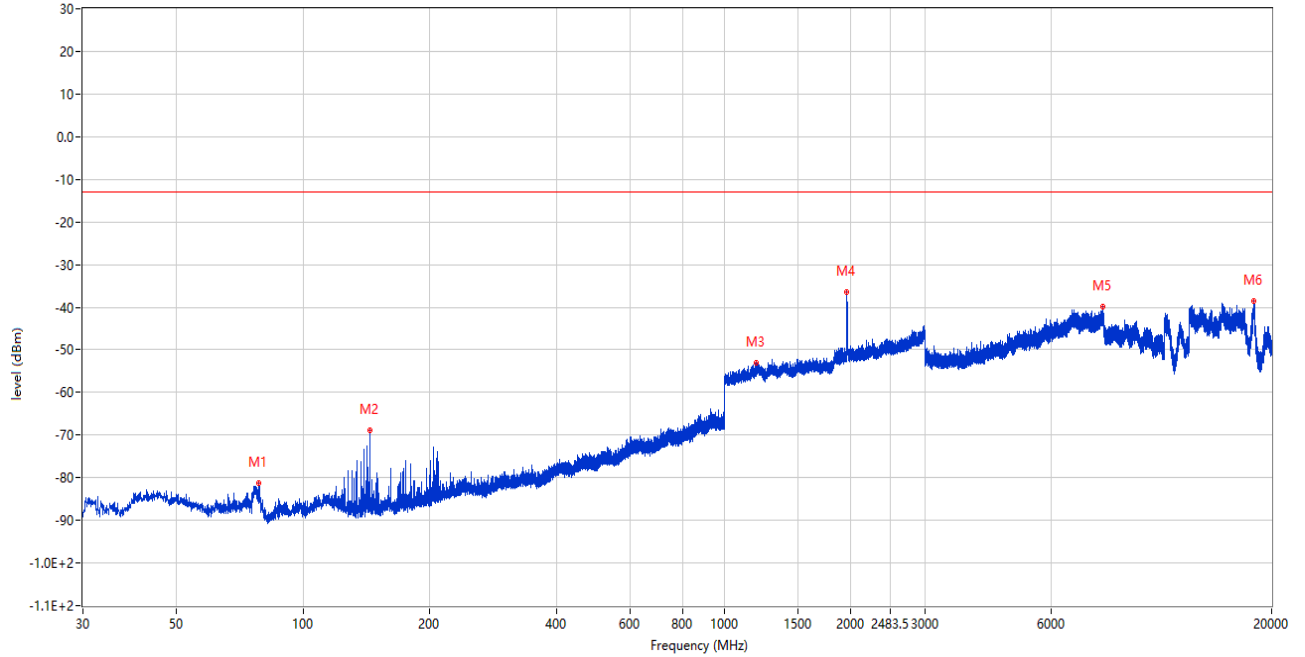


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
153.675	-72.14	-21.19	-13.0	59.14	55.00	Horizontal	Horizontal	Pass
1330.200	-49.15	-0.40	-13.0	36.15	258.00	Horizontal	Horizontal	Pass
1877.900	-40.02	3.40	-13.0	27.02	102.00	Horizontal	Horizontal	N/A
1933.500	-37.86	3.30	-13.0	24.86	91.00	Horizontal	Horizontal	N/A
3757.000	-46.09	8.77	-13.0	33.09	246.00	Horizontal	Horizontal	Pass
15214.401	-33.78	22.70	-13.0	20.78	100.00	Horizontal	Horizontal	Pass

### 6.5 LTE-CATM1 Band 25 BW15, Middle Channel

#### RSE-V LTE-CATM1 Band 25 BW15 CH26363

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

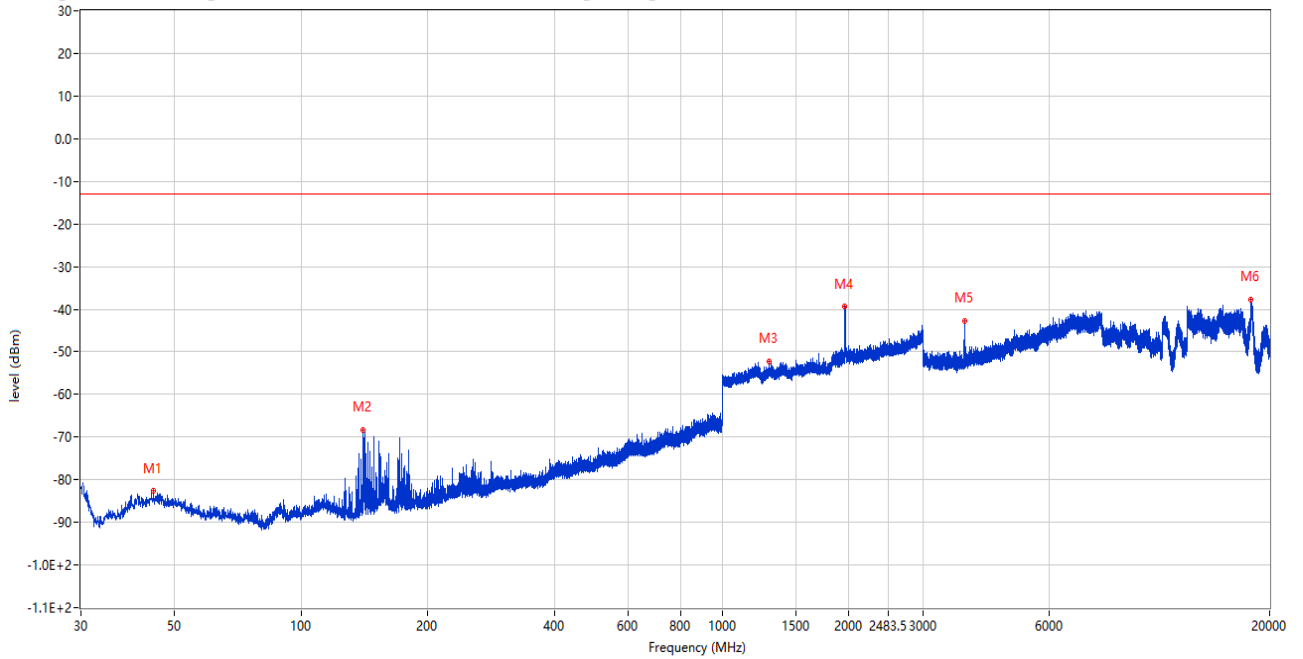


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
78.306	-81.37	-19.58	-13.0	68.37	225.00	Vertical	Horizontal	Pass
144.218	-68.87	-17.58	-13.0	55.87	225.00	Vertical	Horizontal	Pass
1193.500	-52.98	0.46	-13.0	39.98	294.00	Vertical	Horizontal	Pass
1959.800	-36.41	2.92	-13.0	23.41	101.00	Vertical	Horizontal	N/A
7927.500	-39.96	17.19	-13.0	26.96	1.00	Vertical	Horizontal	Pass
18185.325	-38.57	23.13	-13.0	25.57	37.00	Vertical	Horizontal	Pass

LTE-CATM1 Band 25 BW15, Middle Channel

RSE-H LTE-CATM1 Band 25 BW15 CH26363

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

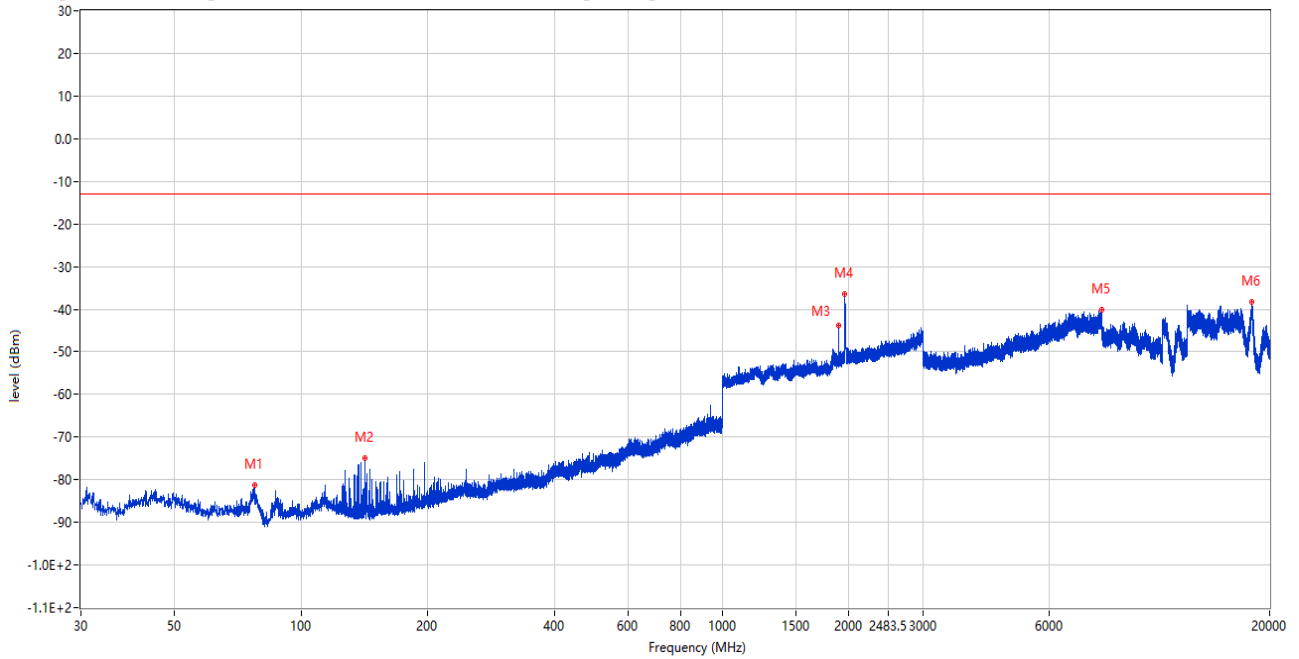


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
44.599	-82.67	-13.04	-13.0	69.67	360.00	Horizontal	Horizontal	Pass
140.143	-68.34	-17.87	-13.0	55.34	330.00	Horizontal	Horizontal	Pass
1295.500	-52.35	0.25	-13.0	39.35	166.00	Horizontal	Horizontal	Pass
1958.300	-39.24	2.88	-13.0	26.24	166.00	Horizontal	Horizontal	N/A
3778.000	-42.86	6.41	-13.0	29.86	85.00	Horizontal	Horizontal	Pass
18077.301	-37.68	23.40	-13.0	24.68	360.00	Horizontal	Horizontal	Pass

6.6 LTE-CATM1 Band 25 BW20, Middle Channel

RSE-V LTE-CATM1 Band 25 BW20 CH26363

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



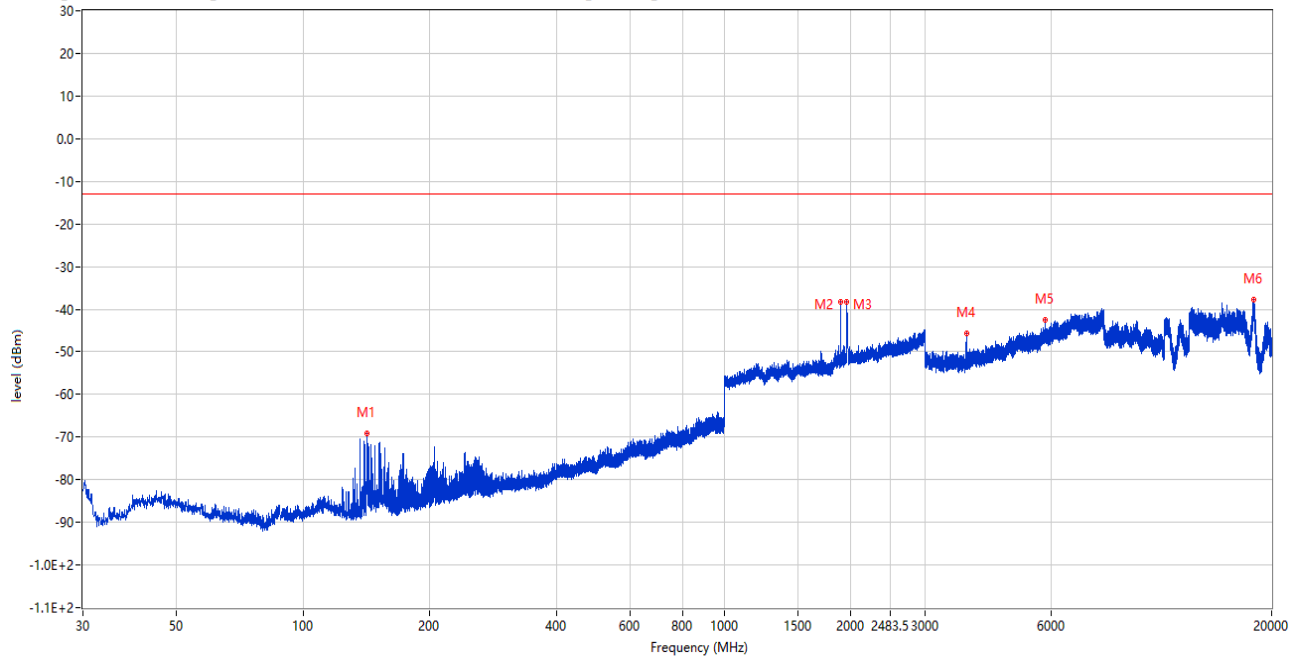
Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
77.627	-81.15	-19.55	-13.0	68.15	222.00	Vertical	Horizontal	Pass
142.084	-74.88	-17.74	-13.0	61.88	290.00	Vertical	Horizontal	Pass
1891.200	-43.82	3.09	-13.0	30.82	262.00	Vertical	Horizontal	N/A
1958.500	-36.45	2.88	-13.0	23.45	205.00	Vertical	Horizontal	N/A
7999.750	-40.06	17.28	-13.0	27.06	98.00	Vertical	Horizontal	Pass
18185.325	-38.29	23.13	-13.0	25.29	337.00	Vertical	Horizontal	Pass



LTE-CATM1 Band 25 BW20, Middle Channel

RSE-H LTE-CATM1 Band 25 BW20 CH26363

RSE (RF) FCC PART228&24&27-RSE\_GSM 1900 & CDMA BC1 & WCDMA Band 2 & LTE Band 2 & 25\_1830-1920\_30MHz-20GHz

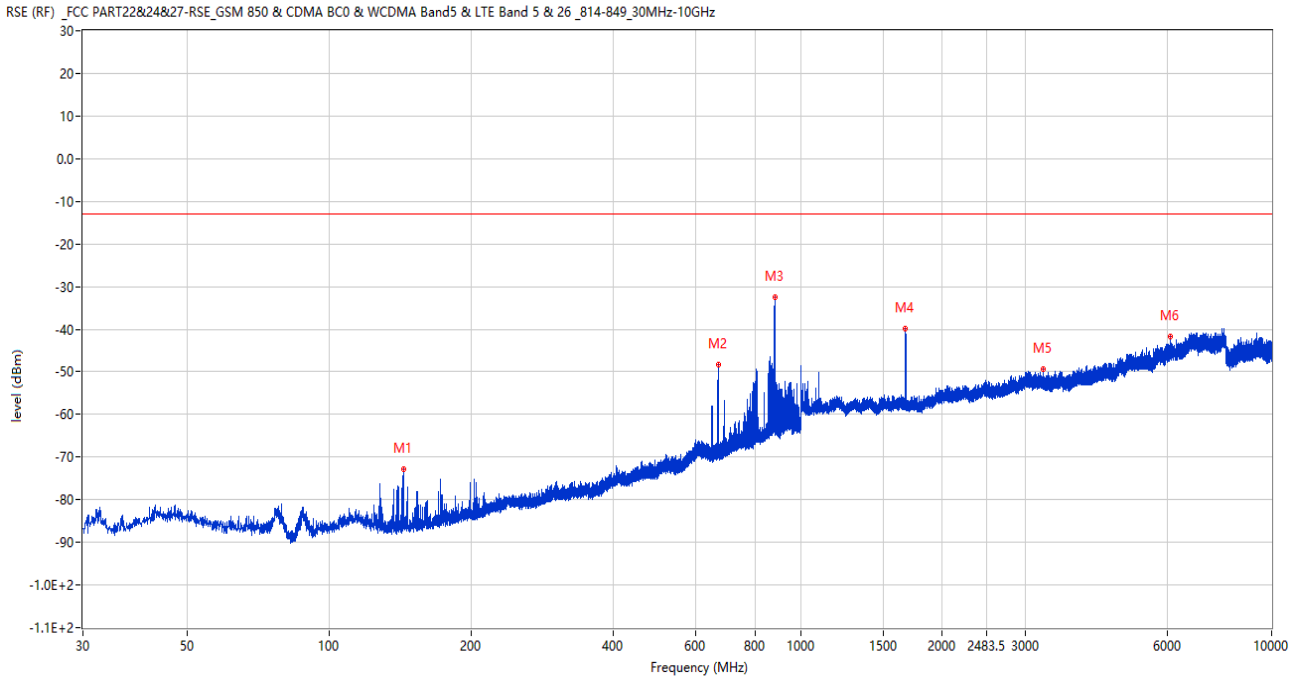


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
141.986	-69.08	-17.74	-13.0	56.08	133.00	Horizontal	Horizontal	Pass
1891.400	-38.26	3.09	-13.0	25.26	263.00	Horizontal	Horizontal	N/A
1958.900	-38.21	2.89	-13.0	25.21	208.00	Horizontal	Horizontal	N/A
3782.500	-45.68	6.29	-13.0	32.68	68.00	Horizontal	Horizontal	Pass
5808.750	-42.59	12.35	-13.0	29.59	360.00	Horizontal	Horizontal	Pass
18096.511	-37.73	23.58	-13.0	24.73	0.00	Horizontal	Horizontal	Pass

7 LTE-CatM1 Band 26(814-824MHz)

7.1 LTE-CatM1 Band 26(814-824MHz) BW1.4, Middle Channel

RSE-V LTE-CatM1 Band 26(814-824MHz) BW1.4 CH26740

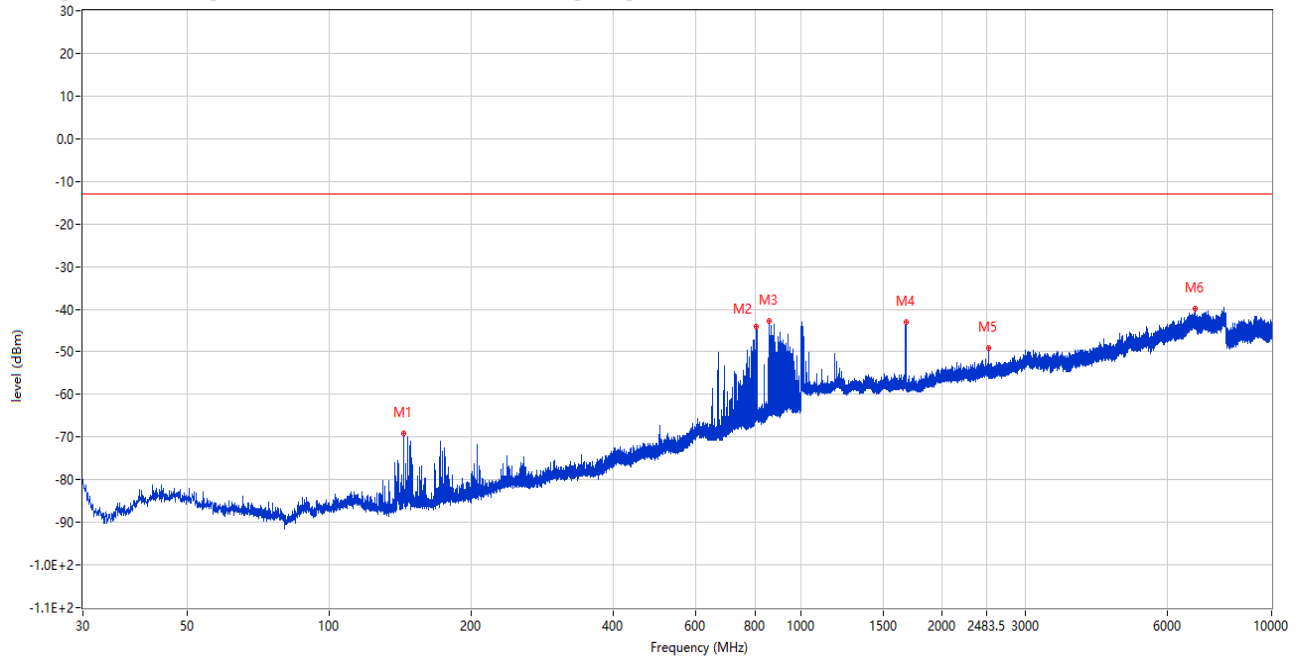


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
143.878	-72.70	-16.00	-13.0	59.70	343.00	Vertical	Horizontal	Pass
669.182	-48.40	1.48	-13.0	35.40	326.00	Vertical	Horizontal	Pass
881.321	-32.57	6.91	-13.0	19.57	343.00	Vertical	Horizontal	N/A
1672.000	-39.87	-3.23	-13.0	26.87	258.00	Vertical	Horizontal	Pass
3277.750	-49.48	5.17	-13.0	36.48	360.00	Vertical	Horizontal	Pass
6110.000	-41.62	12.88	-13.0	28.62	352.00	Vertical	Horizontal	Pass

LTE-CATM1 Band 26(814-824MHz) BW1.4, Middle Channel

RSE-H LTE-CatM1 Band 26(814-824MHz) BW1.4 CH26740

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

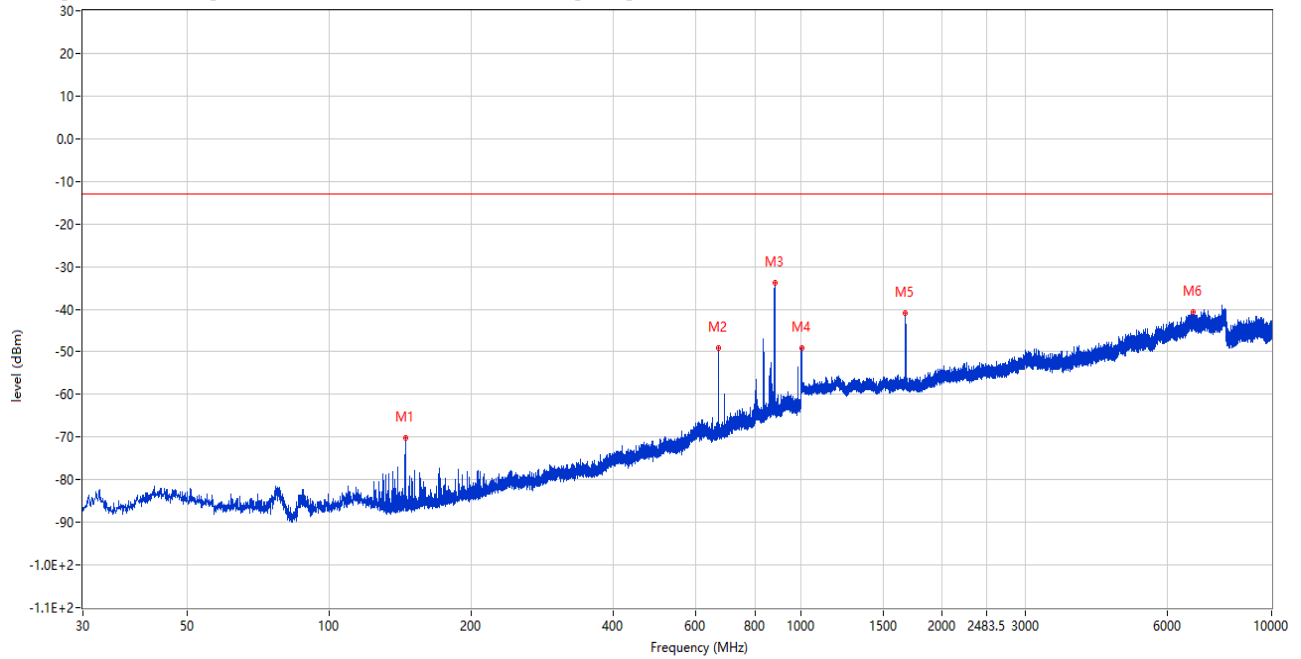


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
143.781	-69.05	-16.01	-13.0	56.05	325.00	Horizontal	Horizontal	Pass
805.951	-44.05	5.45	-13.0	31.05	311.00	Horizontal	Horizontal	Pass
856.537	-42.76	6.63	-13.0	29.76	301.00	Horizontal	Horizontal	N/A
1673.600	-43.11	-3.25	-13.0	30.11	157.00	Horizontal	Horizontal	Pass
2507.700	-49.21	0.58	-13.0	36.21	188.00	Horizontal	Horizontal	Pass
6868.250	-39.87	14.76	-13.0	26.87	2.00	Horizontal	Horizontal	Pass

## 7.2 LTE-CatM1 Band 26(814-824MHz) BW3,Middle Channel

### RSE-V LTE-CatM1 Band 26(814-824MHz) BW3 CH26740

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

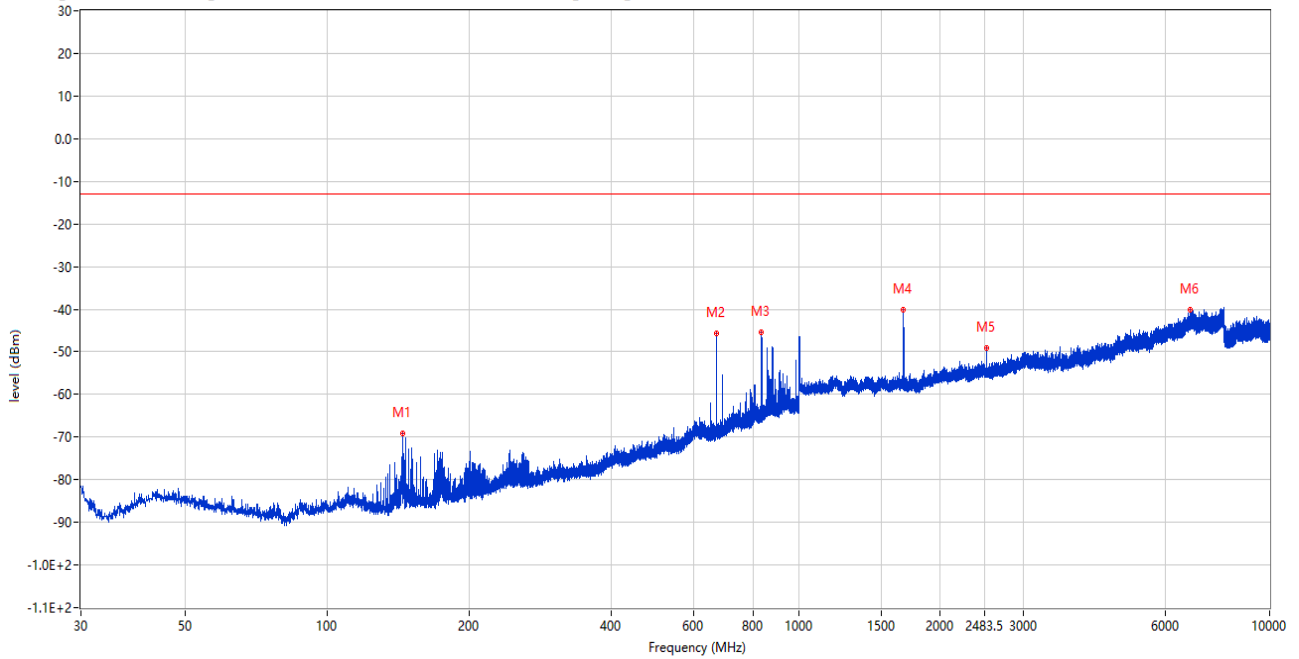


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
145.090	-70.24	-15.86	-13.0	57.24	325.00	Vertical	Horizontal	Pass
669.860	-48.98	1.50	-13.0	35.98	168.00	Vertical	Horizontal	Pass
882.436	-33.67	6.84	-13.0	20.67	333.00	Vertical	Horizontal	N/A
1004.900	-49.20	-2.01	-13.0	36.20	245.00	Vertical	Horizontal	Pass
1670.700	-40.88	-3.19	-13.0	27.88	258.00	Vertical	Horizontal	Pass
6817.750	-40.63	14.56	-13.0	27.63	20.00	Vertical	Horizontal	Pass

LTE-CatM1 Band 26(814-824MHz) BW3, Middle Channel

RSE-H LTE-CatM1 Band 26(814-824MHz) BW3 CH26740

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

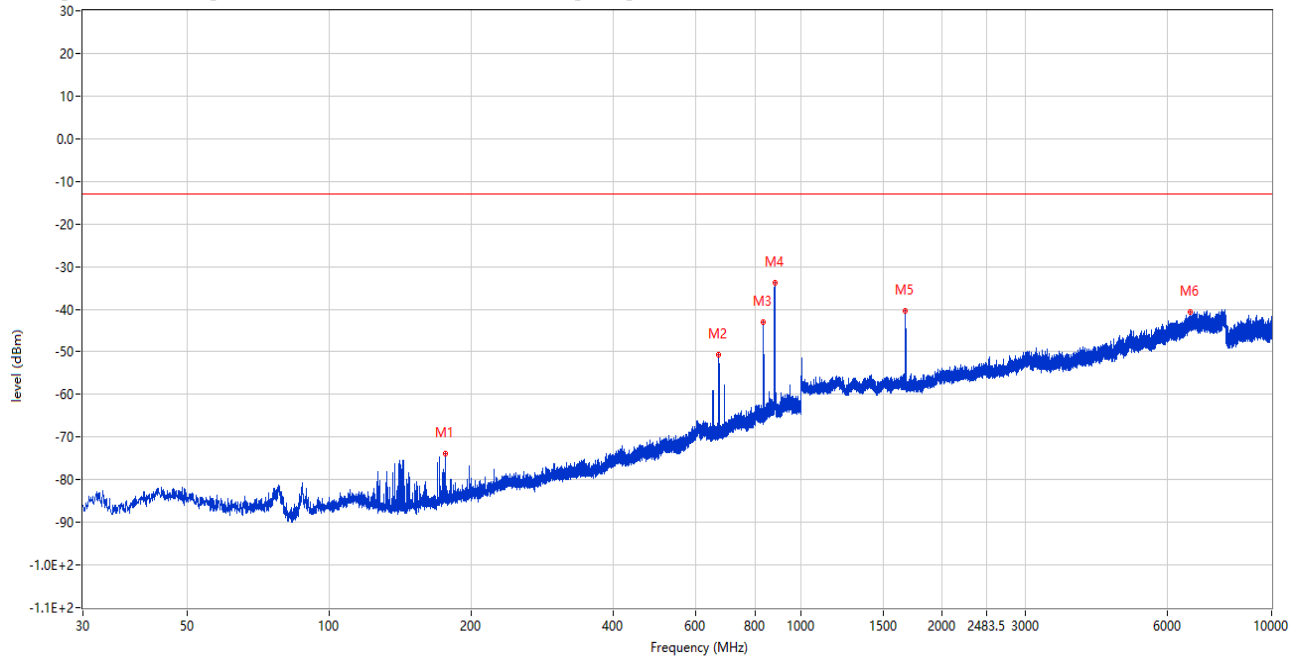


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
144.896	-69.07	-15.87	-13.0	56.07	360.00	Horizontal	Horizontal	Pass
669.860	-45.70	1.50	-13.0	32.70	233.00	Horizontal	Horizontal	Pass
835.391	-45.46	5.58	-13.0	32.46	314.00	Horizontal	Horizontal	N/A
1670.800	-40.17	-3.19	-13.0	27.17	72.00	Horizontal	Horizontal	Pass
2506.100	-49.04	0.64	-13.0	36.04	316.00	Horizontal	Horizontal	Pass
6794.250	-40.26	14.67	-13.0	27.26	161.00	Horizontal	Horizontal	Pass

### 7.3 LTE-CatM1 Band 26(814-824MHz) BW5, Middle Channel

#### RSE-V LTE-CatM1 Band 26(814-824MHz) BW5 CH26740

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

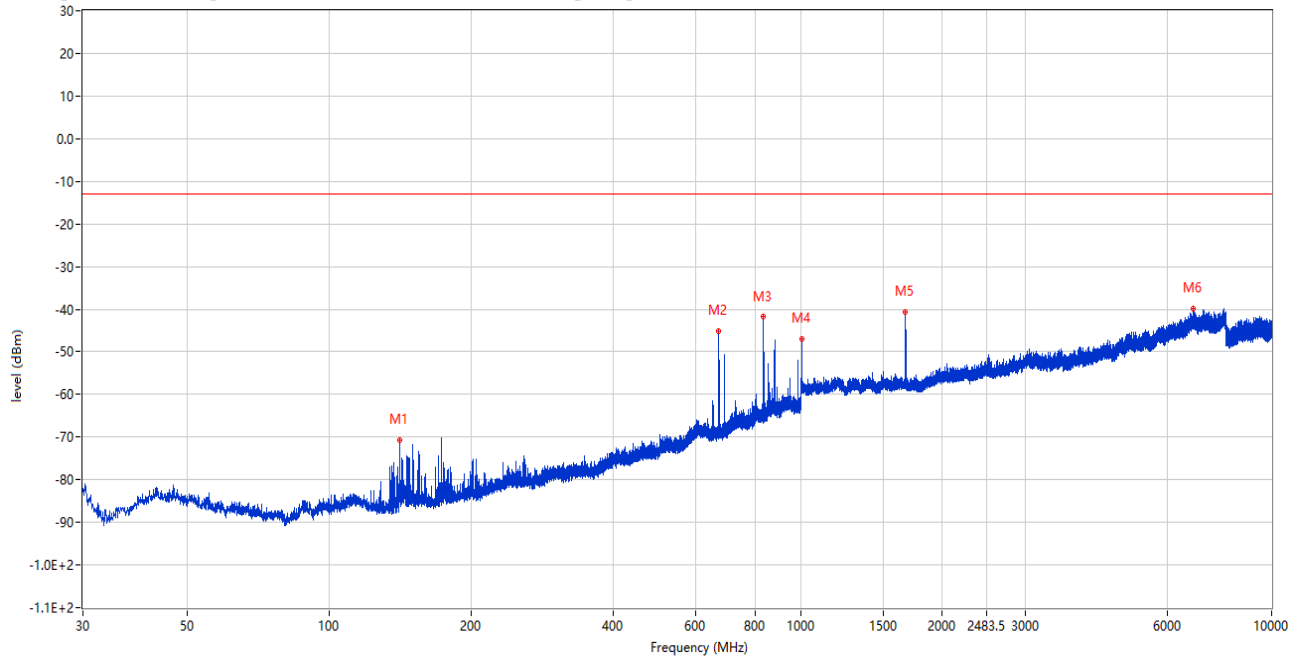


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
176.276	-73.85	-14.26	-13.0	60.85	360.00	Vertical	Horizontal	Pass
670.588	-50.55	1.51	-13.0	37.55	204.00	Vertical	Horizontal	Pass
834.324	-43.01	5.53	-13.0	30.01	306.00	Vertical	Horizontal	N/A
882.824	-33.88	6.83	-13.0	20.88	331.00	Vertical	Horizontal	N/A
1668.700	-40.47	-3.13	-13.0	27.47	279.00	Vertical	Horizontal	Pass
6731.000	-40.72	15.12	-13.0	27.72	89.00	Vertical	Horizontal	Pass

LTE-CatM1 Band 26(814-824MHz) BW5, Middle Channel

RSE-H LTE-CatM1 Band 26(814-824MHz) BW5 CH26740

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

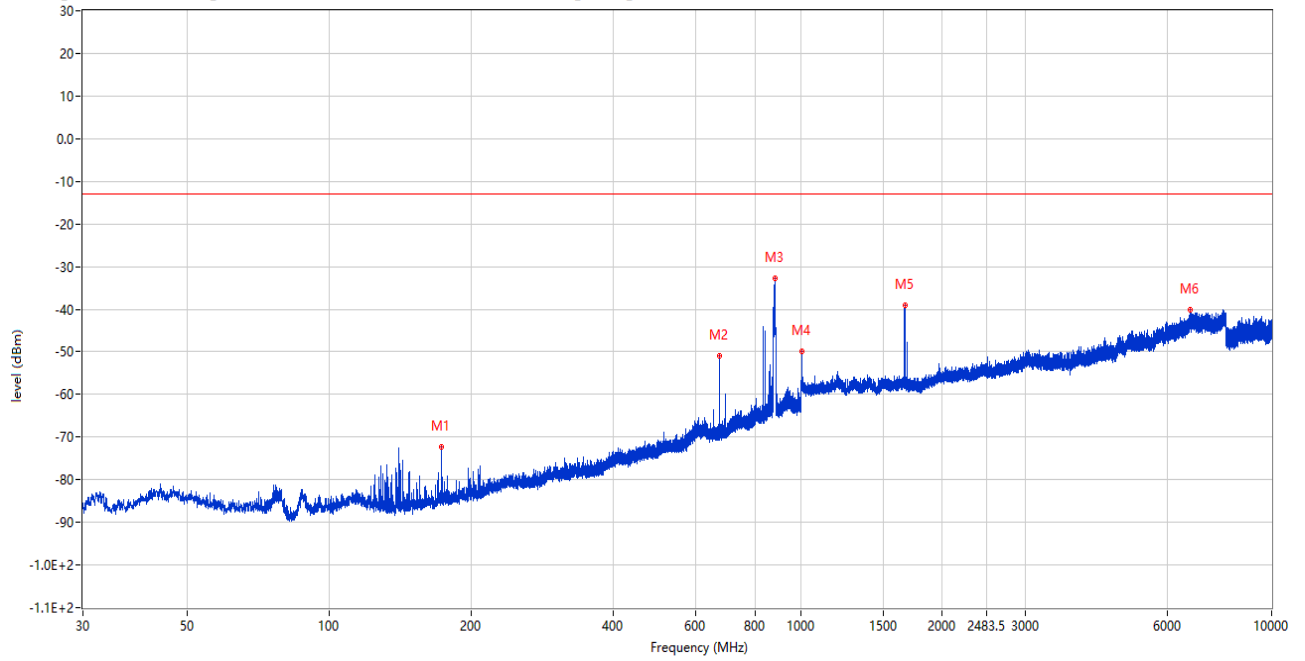


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
141.113	-70.73	-16.18	-13.0	57.73	130.00	Horizontal	Horizontal	Pass
670.588	-45.02	1.51	-13.0	32.02	204.00	Horizontal	Horizontal	Pass
834.372	-41.84	5.53	-13.0	28.84	35.00	Horizontal	Horizontal	N/A
1005.700	-46.89	-1.98	-13.0	33.89	26.00	Horizontal	Horizontal	Pass
1668.600	-40.75	-3.13	-13.0	27.75	65.00	Horizontal	Horizontal	Pass
6829.500	-39.75	15.02	-13.0	26.75	201.00	Horizontal	Horizontal	Pass

7.4 LTE-CatM1 Band 26(814-824MHz) BW10, Middle Channel

RSE-V LTE-CatM1 Band 26(814-824MHz) BW10 CH26740

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



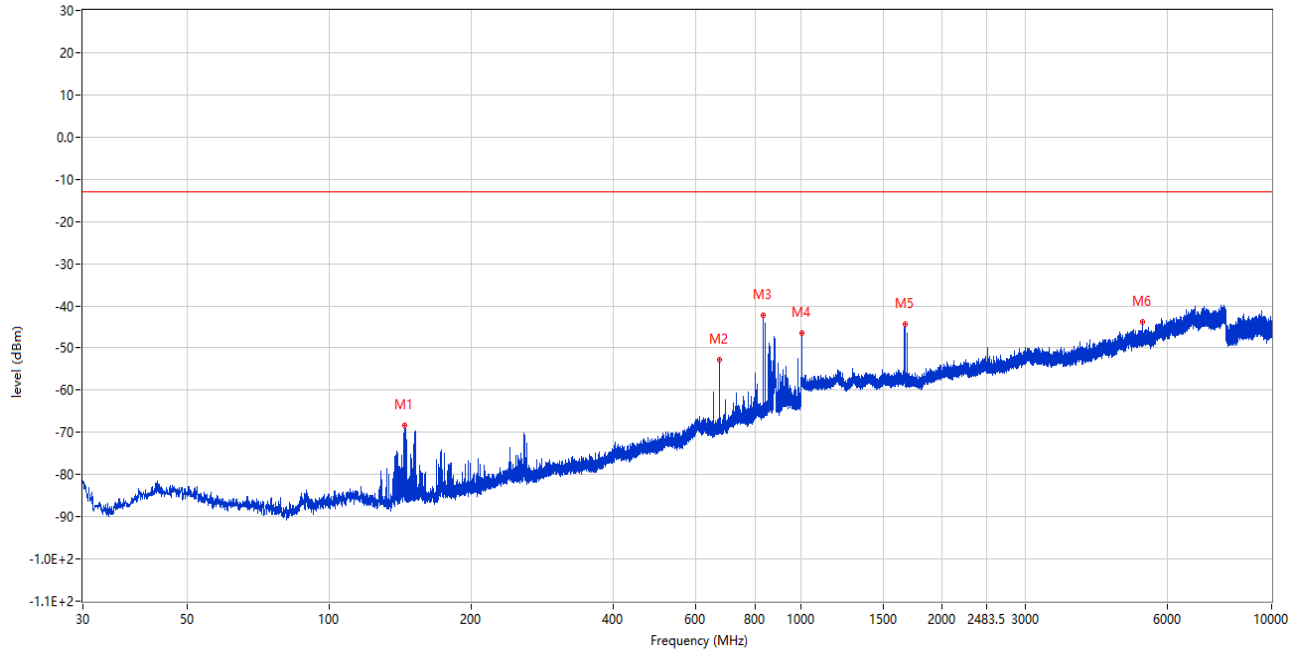
Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
173.027	-72.36	-14.47	-13.0	59.36	344.00	Vertical	Horizontal	Pass
672.383	-50.99	1.51	-13.0	37.99	1.00	Vertical	Horizontal	Pass
884.473	-32.75	6.84	-13.0	19.75	208.00	Vertical	Horizontal	N/A
1008.500	-49.94	-2.03	-13.0	36.94	284.00	Vertical	Horizontal	Pass
1664.500	-39.15	-3.03	-13.0	26.15	279.00	Vertical	Horizontal	Pass
6718.000	-40.10	14.79	-13.0	27.10	279.00	Vertical	Horizontal	Pass



LTE-CatM1 Band 26(814-824MHz) BW10, Middle Channel

RSE-H LTE-CatM1 Band 26(814-824MHz) BW10 CH26740

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

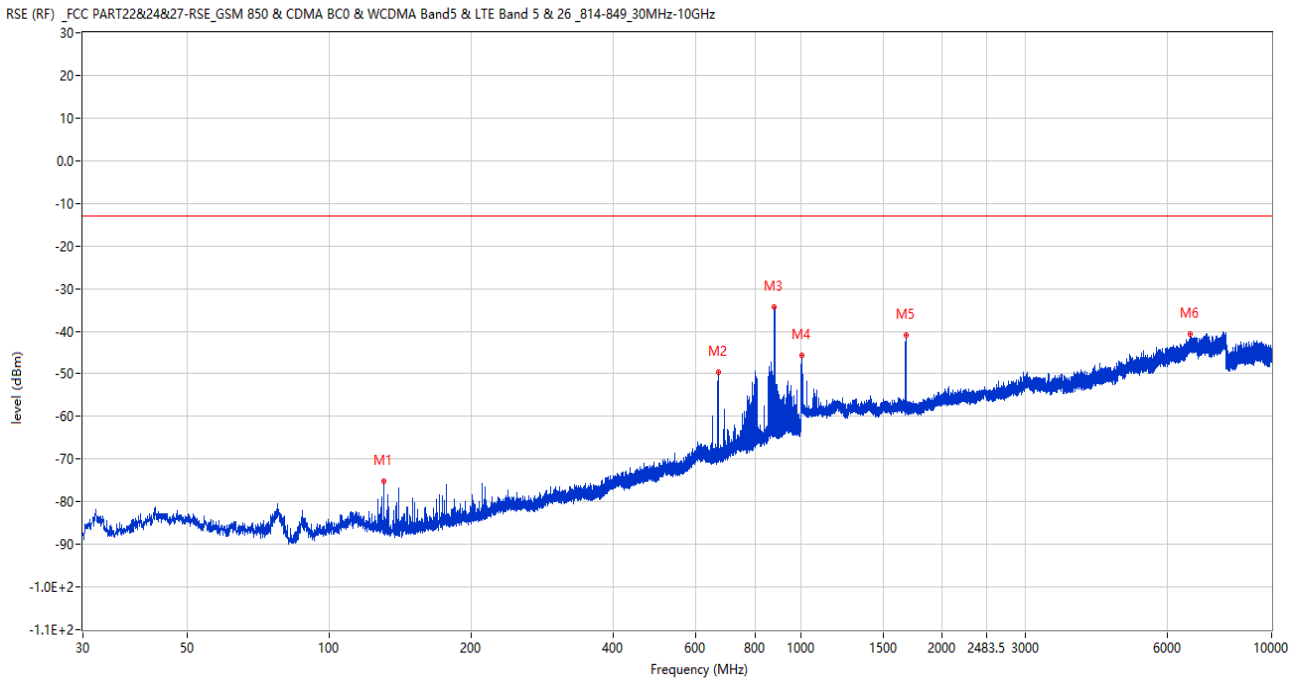


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
144.896	-68.25	-15.87	-13.0	55.25	360.00	Horizontal	Horizontal	Pass
672.383	-52.70	1.51	-13.0	39.70	133.00	Horizontal	Horizontal	Pass
832.190	-42.32	5.42	-13.0	29.32	313.00	Horizontal	Horizontal	N/A
1008.600	-46.36	-2.03	-13.0	33.36	252.00	Horizontal	Horizontal	Pass
1664.700	-44.42	-3.03	-13.0	31.42	83.00	Horizontal	Horizontal	Pass
5312.250	-43.80	10.85	-13.0	30.80	12.00	Horizontal	Horizontal	Pass

8 LTE-CatM1 Band 26(824-849MHz)

8.1 LTE-CatM1 Band 26(824-849MHz) BW1.4, Middle Channel

RSE-V LTE-CatM1 Band 26(824-849MHz) BW1.4 CH26915

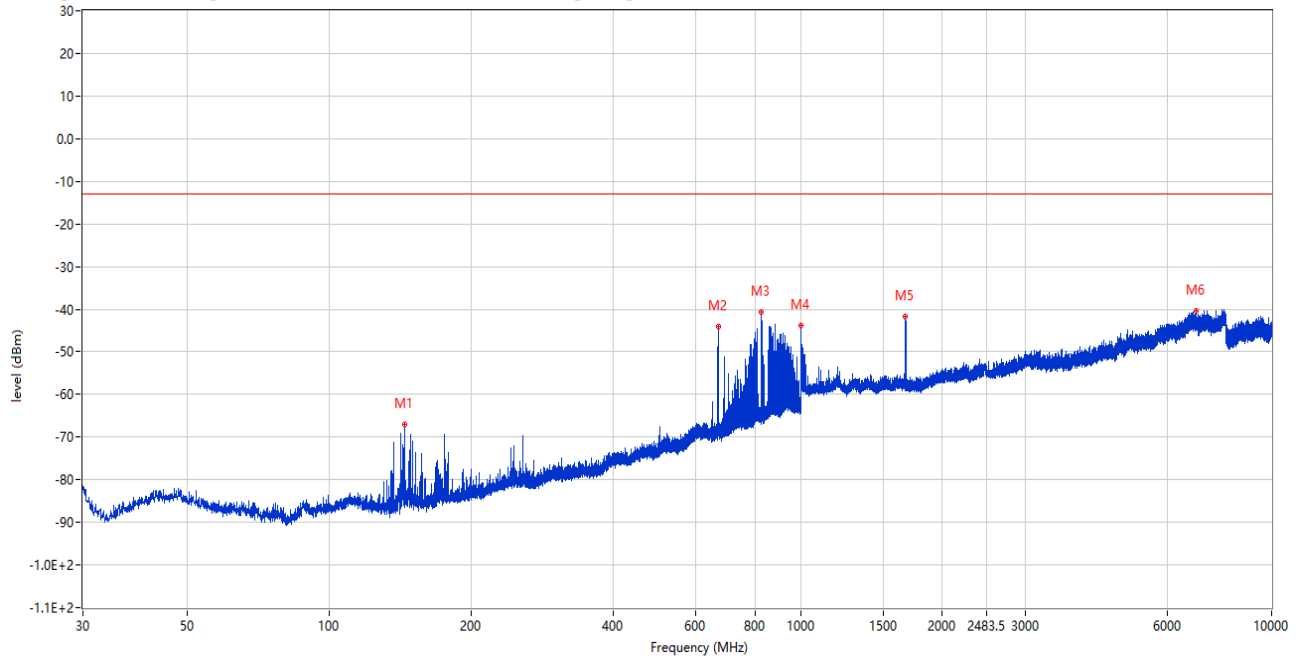


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
130.637	-75.26	-16.10	-13.0	62.26	319.00	Vertical	Horizontal	Pass
669.182	-49.63	1.48	-13.0	36.63	331.00	Vertical	Horizontal	Pass
881.272	-34.40	6.91	-13.0	21.40	343.00	Vertical	Horizontal	N/A
1004.800	-45.67	-2.01	-13.0	32.67	267.00	Vertical	Horizontal	Pass
1673.800	-40.96	-3.25	-13.0	27.96	259.00	Vertical	Horizontal	Pass
6709.500	-40.67	14.49	-13.0	27.67	289.00	Vertical	Horizontal	Pass

LTE-CATM1 Band 26(824-849MHz) BW1.4, Middle Channel

RSE-H LTE-CatM1 Band 26(824-849MHz) BW1.4 CH26915

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

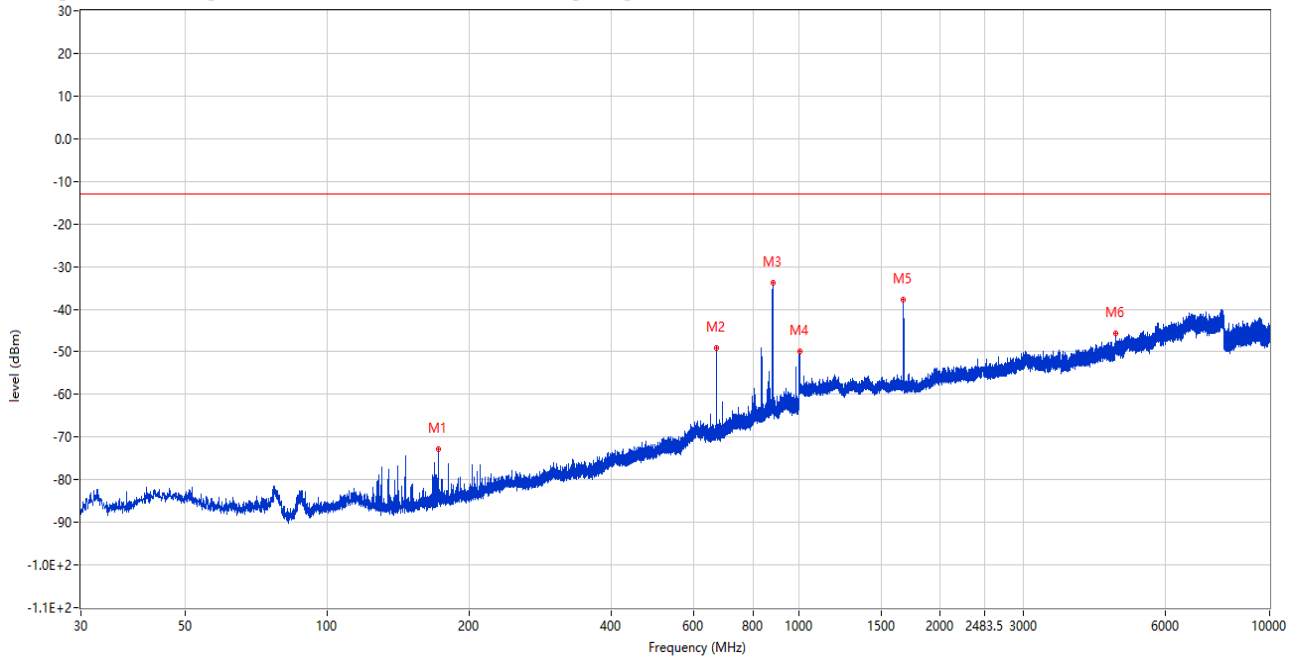


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
144.266	-67.01	-15.95	-13.0	54.01	145.00	Horizontal	Horizontal	Pass
669.182	-43.98	1.48	-13.0	30.98	219.00	Horizontal	Horizontal	Pass
826.176	-40.58	5.43	-13.0	27.58	51.00	Horizontal	Horizontal	N/A
1003.600	-43.75	-2.04	-13.0	30.75	252.00	Horizontal	Horizontal	Pass
1672.000	-41.71	-3.23	-13.0	28.71	328.00	Horizontal	Horizontal	Pass
6901.250	-40.49	14.18	-13.0	27.49	123.00	Horizontal	Horizontal	Pass

## 8.2 LTE-CatM1 Band 26(824-849MHz) BW3,Middle Channel

### RSE-V LTE-CatM1 Band 26(824-849MHz) BW3 CH26915

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

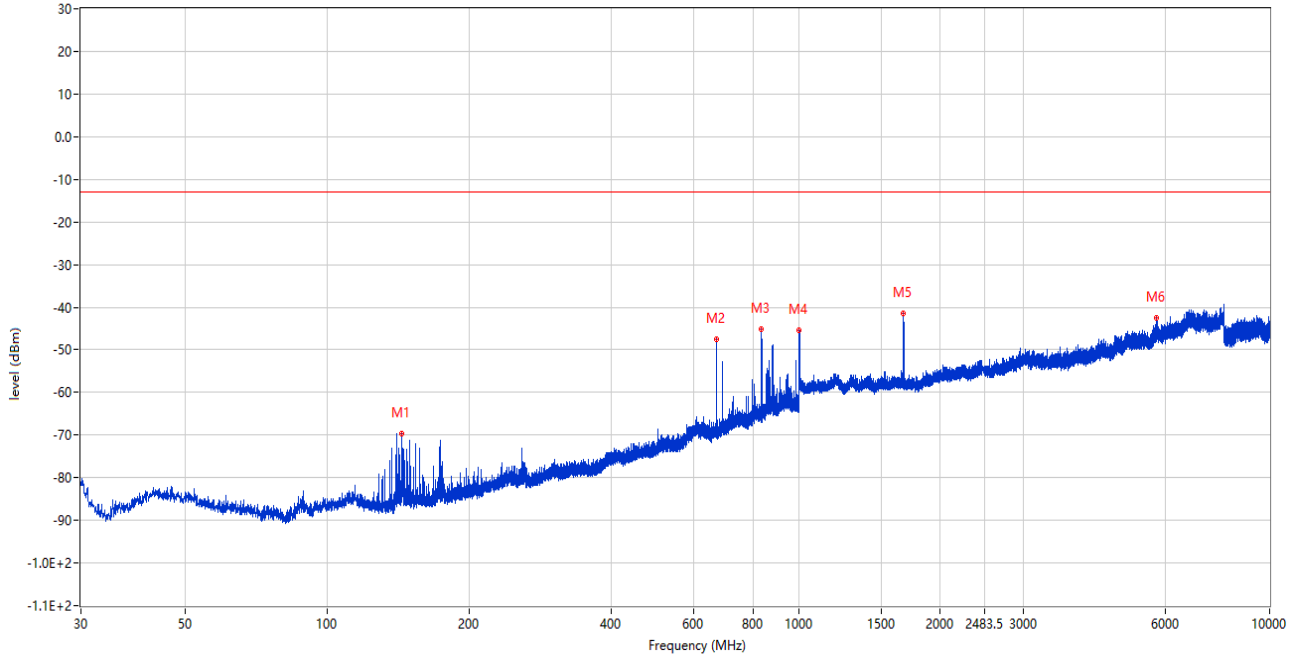


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
171.862	-72.79	-14.51	-13.0	59.79	187.00	Vertical	Horizontal	Pass
669.860	-49.13	1.50	-13.0	36.13	319.00	Vertical	Horizontal	Pass
882.242	-33.84	6.84	-13.0	20.84	344.00	Vertical	Horizontal	N/A
1005.000	-49.83	-2.00	-13.0	36.83	268.00	Vertical	Horizontal	Pass
1670.800	-37.69	-3.19	-13.0	24.69	268.00	Vertical	Horizontal	Pass
4716.000	-45.57	9.67	-13.0	32.57	175.00	Vertical	Horizontal	Pass

LTE-CatM1 Band 26(824-849MHz) BW3, Middle Channel

RSE-H LTE-CatM1 Band 26(824-849MHz) BW3 CH26915

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

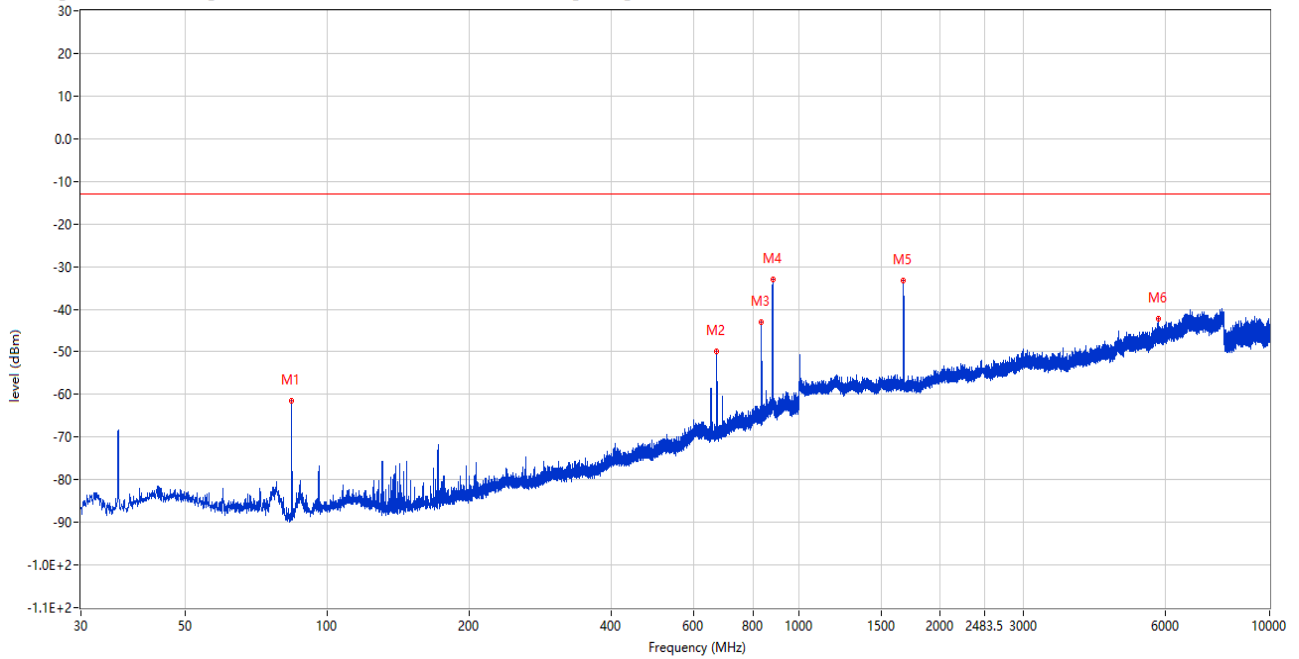


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
143.878	-69.57	-16.00	-13.0	56.57	278.00	Horizontal	Horizontal	Pass
669.812	-47.61	1.50	-13.0	34.61	236.00	Horizontal	Horizontal	Pass
835.197	-45.10	5.57	-13.0	32.10	230.00	Horizontal	Horizontal	N/A
1004.600	-45.33	-2.02	-13.0	32.33	243.00	Horizontal	Horizontal	Pass
1670.800	-41.57	-3.19	-13.0	28.57	72.00	Horizontal	Horizontal	Pass
5761.000	-42.42	12.15	-13.0	29.42	252.00	Horizontal	Horizontal	Pass

### 8.3 LTE-CatM1 Band 26(824-849MHz) BW5, Middle Channel

#### RSE-V LTE-CatM1 Band 26(824-849MHz) BW5 CH26915

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

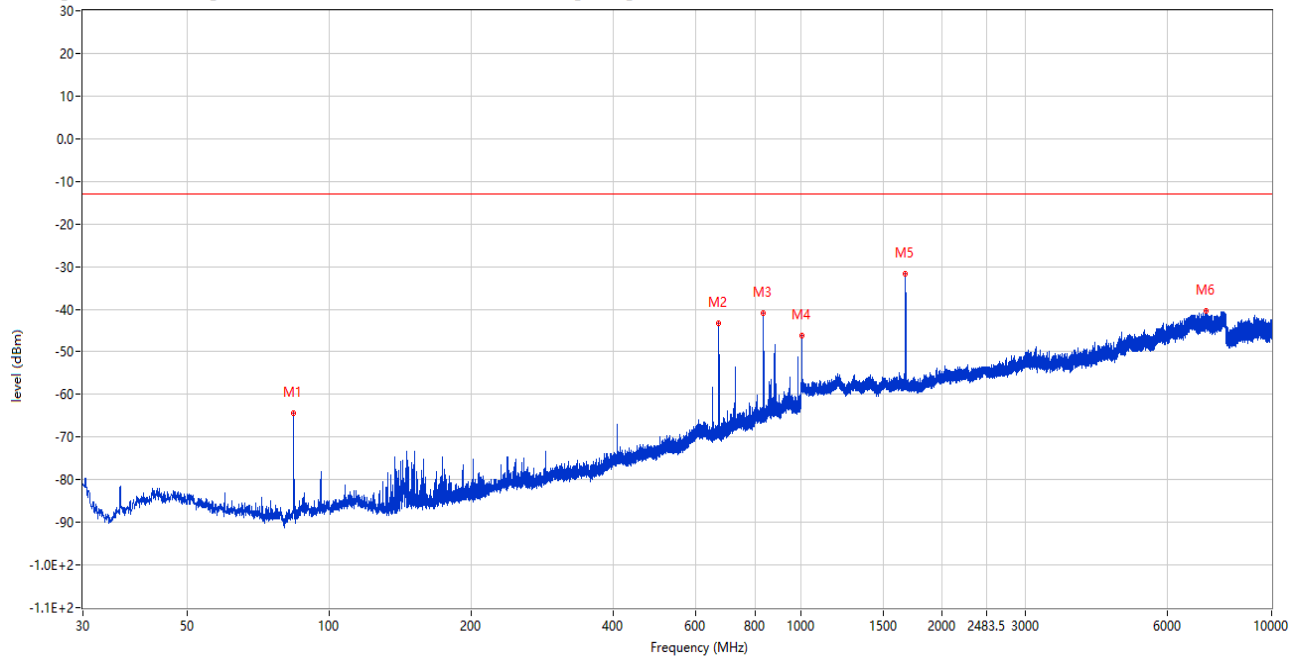


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
83.980	-61.51	-18.06	-13.0	48.51	352.00	Vertical	Horizontal	Pass
670.540	-49.91	1.52	-13.0	36.91	179.00	Vertical	Horizontal	Pass
834.421	-43.13	5.53	-13.0	30.13	149.00	Vertical	Horizontal	N/A
883.115	-33.03	6.82	-13.0	20.03	341.00	Vertical	Horizontal	N/A
1668.600	-33.18	-3.13	-13.0	20.18	266.00	Vertical	Horizontal	Pass
5797.000	-42.35	12.38	-13.0	29.35	44.00	Vertical	Horizontal	Pass

LTE-CatM1 Band 26(824-849MHz) BW5, Middle Channel

RSE-H LTE-CatM1 Band 26(824-849MHz) BW5 CH26915

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

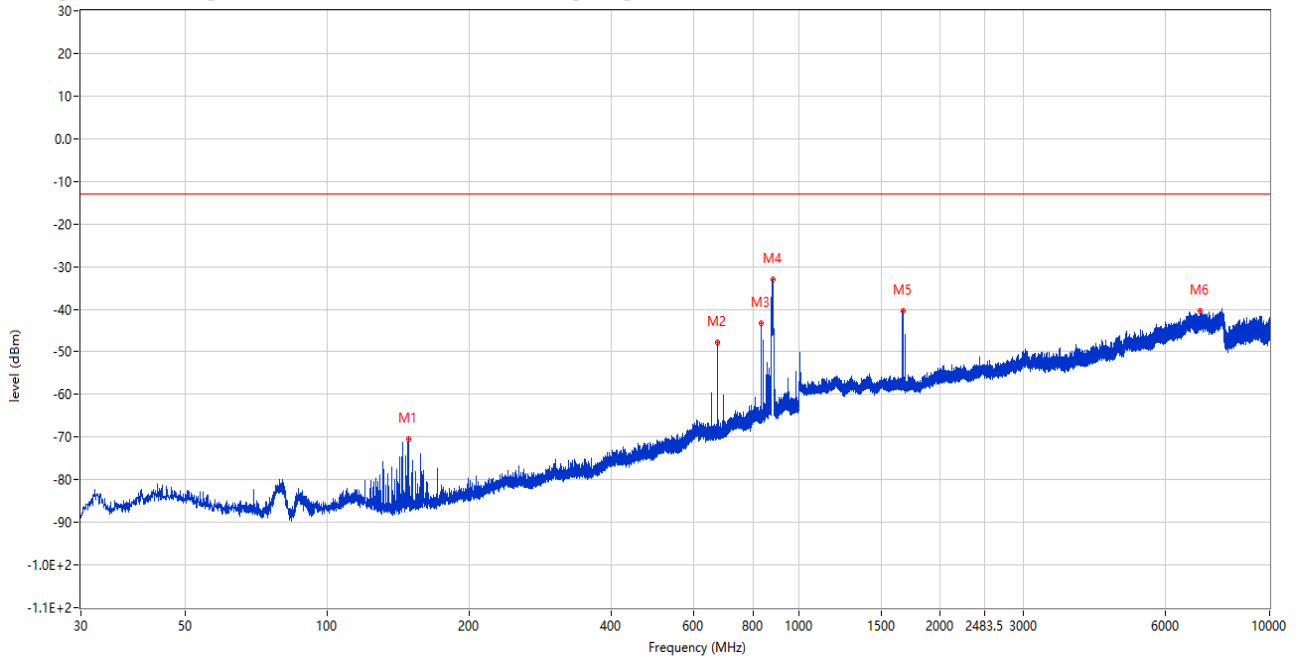


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
83.980	-64.27	-18.06	-13.0	51.27	322.00	Horizontal	Horizontal	Pass
670.588	-43.36	1.51	-13.0	30.36	213.00	Horizontal	Horizontal	Pass
834.276	-40.91	5.52	-13.0	27.91	41.00	Horizontal	Horizontal	N/A
1005.800	-46.08	-1.98	-13.0	33.08	236.00	Horizontal	Horizontal	Pass
1668.700	-31.75	-3.13	-13.0	18.75	147.00	Horizontal	Horizontal	Pass
7270.500	-40.49	15.45	-13.0	27.49	174.00	Horizontal	Horizontal	Pass

### 8.4 LTE-CatM1 Band 26(824-849MHz) BW10, Middle Channel

#### RSE-V LTE-CatM1 Band 26(824-849MHz) BW10 CH26915

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



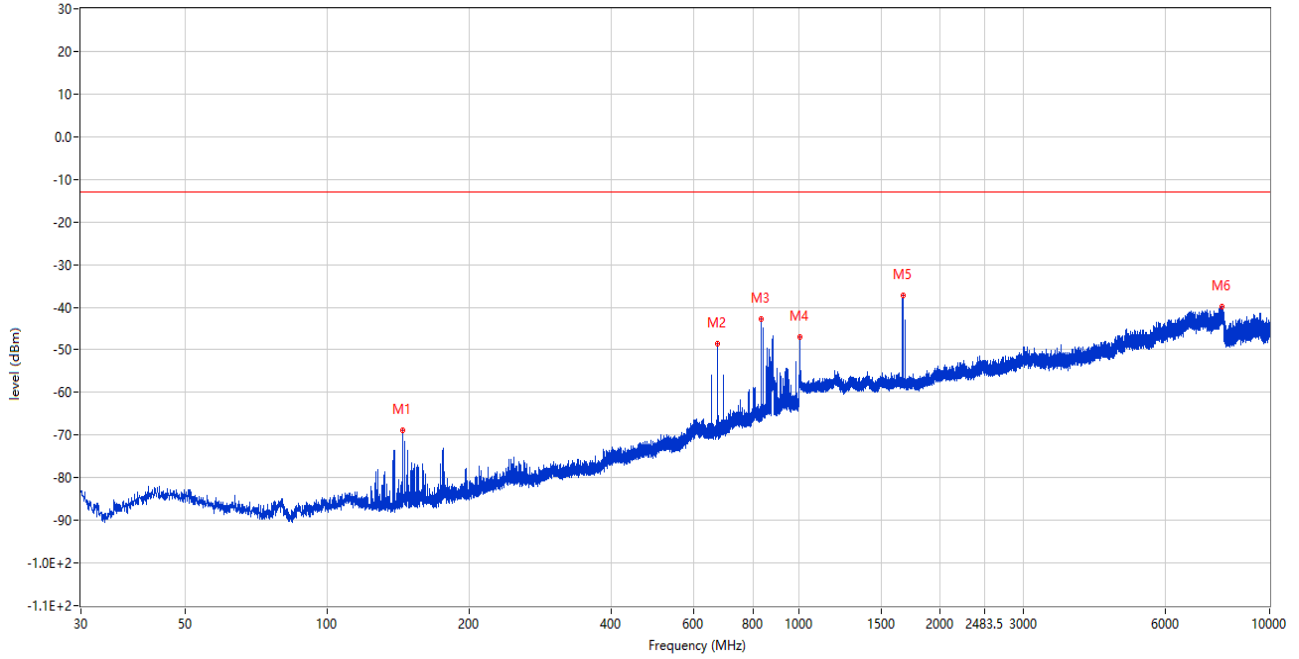
Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
148.486	-70.55	-15.61	-13.0	57.55	337.00	Vertical	Horizontal	Pass
672.383	-47.79	1.51	-13.0	34.79	312.00	Vertical	Horizontal	Pass
832.239	-43.22	5.42	-13.0	30.22	152.00	Vertical	Horizontal	N/A
884.134	-33.11	6.84	-13.0	20.11	331.00	Vertical	Horizontal	N/A
1664.300	-40.28	-3.02	-13.0	27.28	257.00	Vertical	Horizontal	Pass
7118.500	-40.35	15.59	-13.0	27.35	276.00	Vertical	Horizontal	Pass



LTE-CatM1 Band 26(824-849MHz) BW10, Middle Channel

RSE-H LTE-CatM1 Band 26(824-849MHz) BW10 CH26915

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

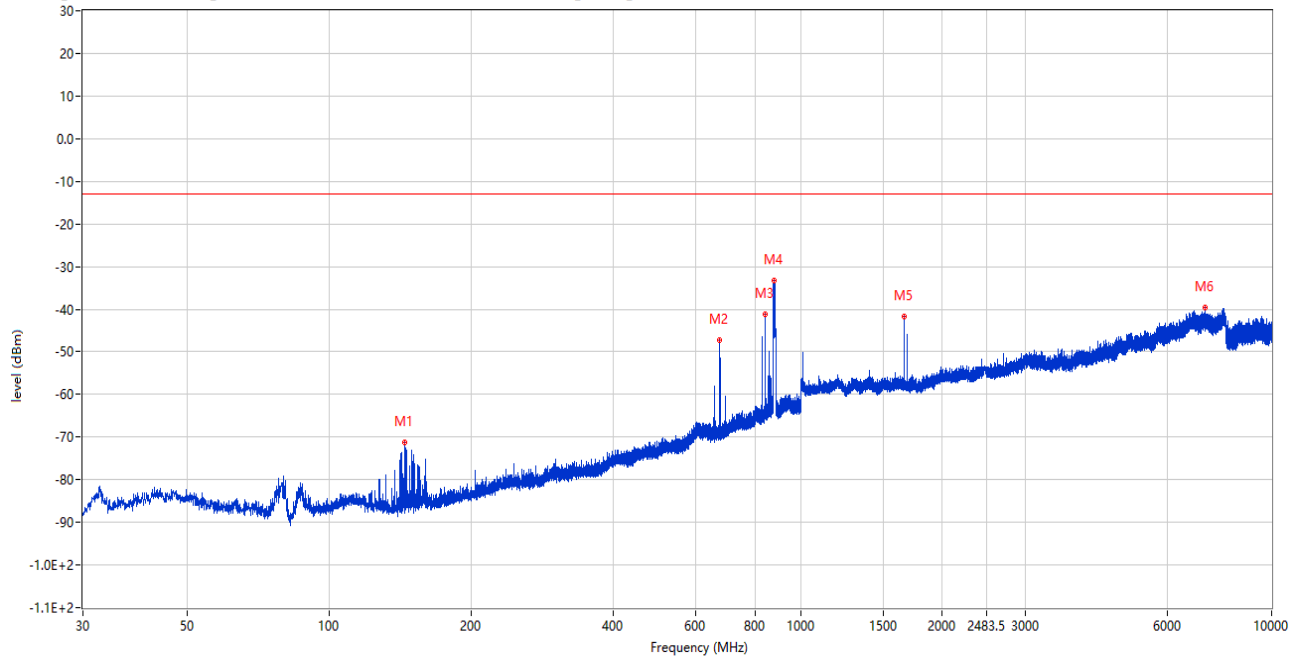


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
144.800	-68.94	-15.88	-13.0	55.94	300.00	Horizontal	Horizontal	Pass
672.383	-48.65	1.51	-13.0	35.65	312.00	Horizontal	Horizontal	Pass
832.287	-42.72	5.43	-13.0	29.72	331.00	Horizontal	Horizontal	N/A
1008.500	-46.93	-2.03	-13.0	33.93	242.00	Horizontal	Horizontal	Pass
1664.500	-37.18	-3.03	-13.0	24.18	342.00	Horizontal	Horizontal	Pass
7938.750	-39.92	17.10	-13.0	26.92	8.00	Horizontal	Horizontal	Pass

### 8.5 LTE-CatM1 Band 26(824-849MHz) BW15, Middle Channel

#### RSE-V LTE-CatM1 Band 26(824-849MHz) BW15 CH26915

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

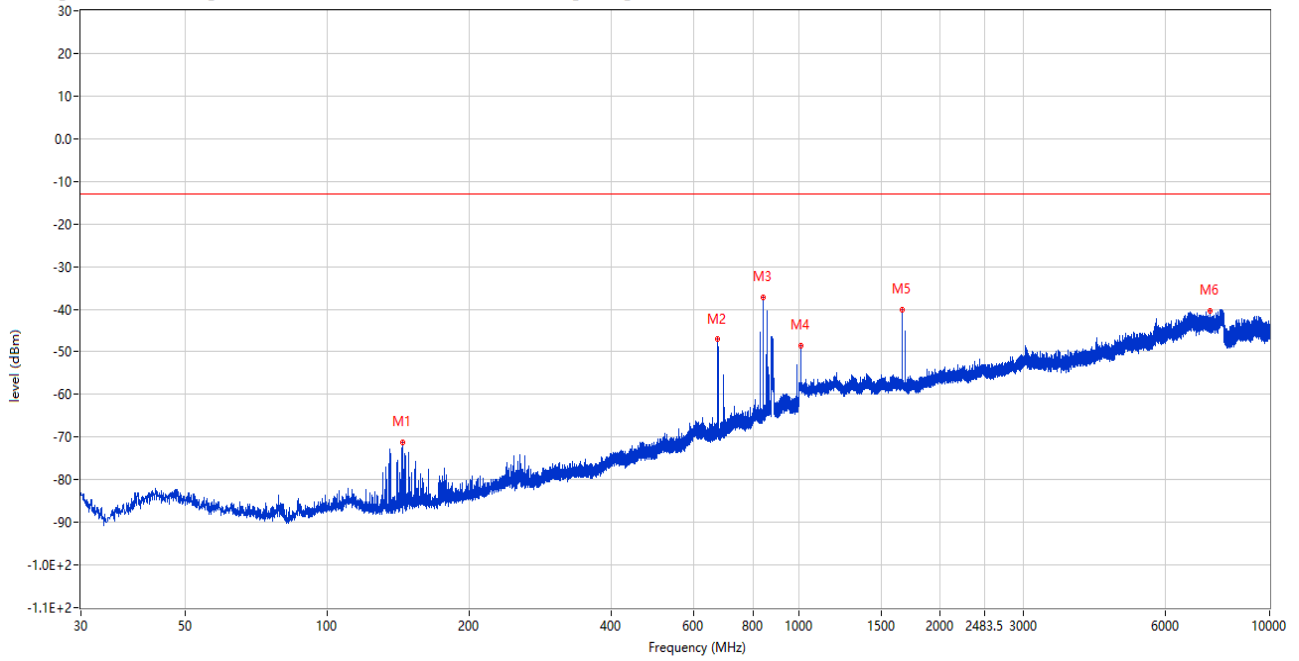


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
144.557	-71.15	-15.91	-13.0	58.15	41.00	Vertical	Horizontal	Pass
674.177	-47.27	1.47	-13.0	34.27	327.00	Vertical	Horizontal	Pass
843.151	-41.12	5.96	-13.0	28.12	108.00	Vertical	Horizontal	N/A
878.410	-33.29	7.05	-13.0	20.29	315.00	Vertical	Horizontal	N/A
1660.100	-41.70	-2.96	-13.0	28.70	254.00	Vertical	Horizontal	Pass
7238.000	-39.56	16.27	-13.0	26.56	145.00	Vertical	Horizontal	Pass

LTE-CatM1 Band 26(824-849MHz) BW15, Middle Channel

RSE-H LTE-CatM1 Band 26(824-849MHz) BW15 CH26915

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

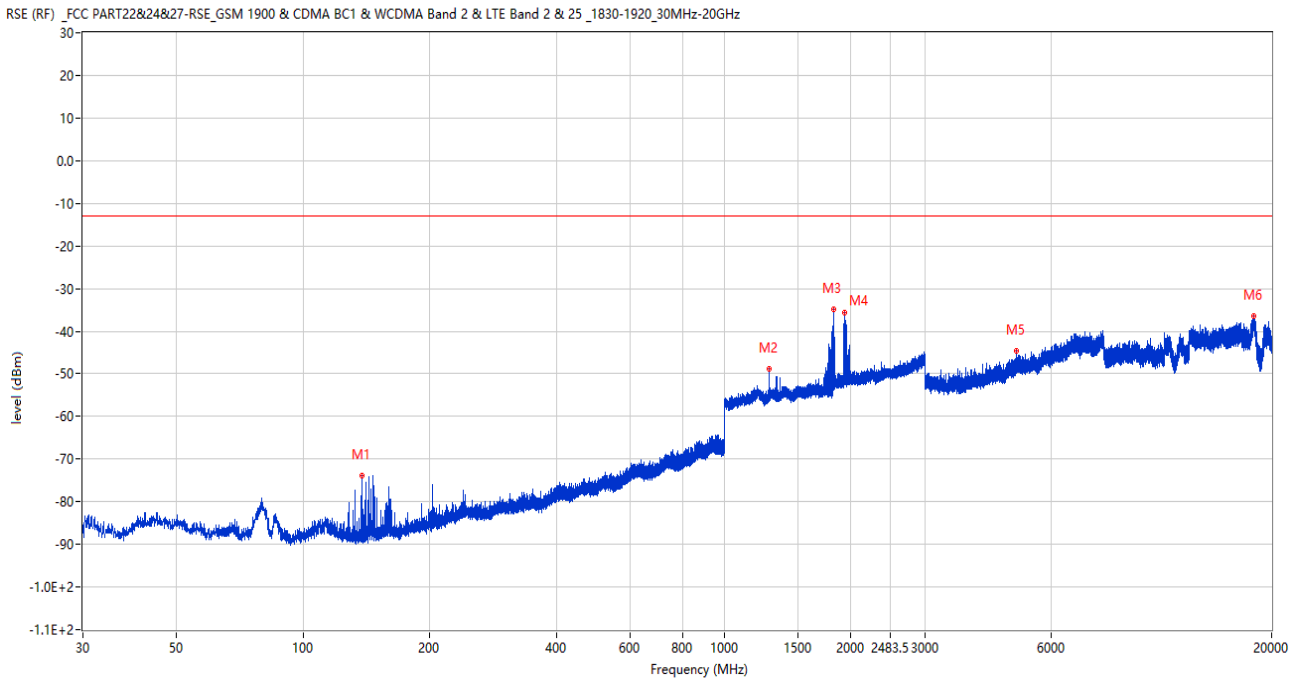


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
144.654	-71.18	-15.90	-13.0	58.18	284.00	Horizontal	Horizontal	Pass
674.177	-47.11	1.47	-13.0	34.11	314.00	Horizontal	Horizontal	Pass
843.151	-37.11	5.96	-13.0	24.11	307.00	Horizontal	Horizontal	N/A
1010.900	-48.46	-2.13	-13.0	35.46	182.00	Horizontal	Horizontal	Pass
1659.900	-40.00	-2.95	-13.0	27.00	144.00	Horizontal	Horizontal	Pass
7491.500	-40.32	15.55	-13.0	27.32	69.00	Horizontal	Horizontal	Pass

9 LTE NB-IoT Band 2

9.1 LTE NB-IoT Band 2 SCS: 3.75kHz, Modulation BPSK, Middle Channel

RSE-V LTE NB-IoT Band 2 SCS: 3.75kHz Modulation BPSK 1#0 CH18900

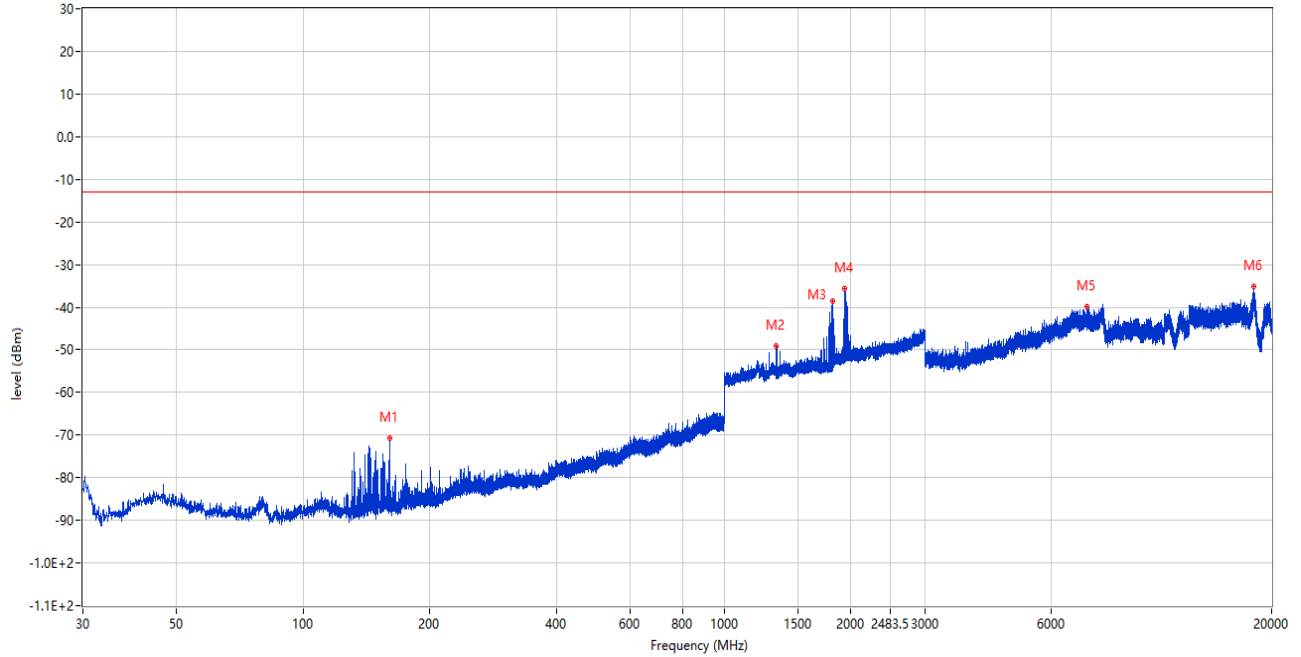


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
137.767	-73.91	-17.78	-13.0	60.91	359.00	Vertical	Horizontal	Pass
1280.000	-48.93	-0.24	-13.0	35.93	250.00	Vertical	Horizontal	Pass
1822.100	-34.74	1.73	-13.0	21.74	302.00	Vertical	Horizontal	Pass
1930.400	-35.62	3.54	-13.0	22.62	256.00	Vertical	Horizontal	N/A
4962.750	-44.67	10.96	-13.0	31.67	209.00	Vertical	Horizontal	Pass
18099.050	-36.33	23.65	-13.0	23.33	215.00	Vertical	Horizontal	Pass

LTE NB-IoT Band 2 SCS: 3.75kHz Modulation BPSK, Middle Channel

RSE-H LTE NB-IoT Band 2 SCS: 3.75kHz Modulation BPSK 1#0 CH18900

RSE (RF) FCC PART228&24&27-RSE\_GSM 1900 & CDMA BC1 & WCDMA Band 2 & LTE Band 2 & 25\_1830-1920\_30MHz-20GHz

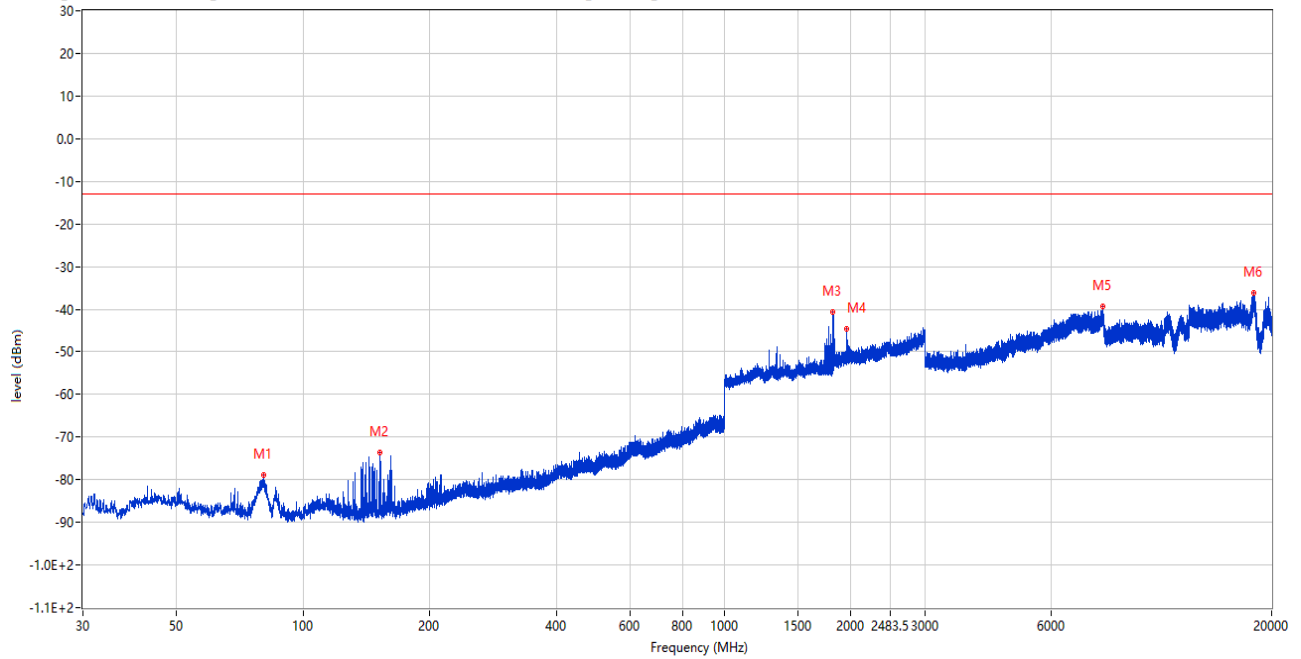


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
160.708	-70.84	-16.37	-13.0	57.84	274.00	Horizontal	Horizontal	Pass
1333.400	-49.07	-0.25	-13.0	36.07	349.00	Horizontal	Horizontal	Pass
1807.900	-38.46	0.73	-13.0	25.46	297.00	Horizontal	Horizontal	Pass
1933.400	-35.52	3.25	-13.0	22.52	259.00	Horizontal	Horizontal	N/A
7271.000	-39.80	15.45	-13.0	26.80	33.00	Horizontal	Horizontal	Pass
18151.975	-35.16	23.76	-13.0	22.16	187.00	Horizontal	Horizontal	Pass

## 9.2 LTE NB-IoT Band 2 SCS: 3.75kHz Modulation QPSK, Middle Channel

### RSE-V LTE NB-IoT Band 2 SCS: 3.75kHz Modulation QPSK 1#0 CH18900

RSE (RF) FCC PART228&24&27-RSE\_GSM 1900 & CDMA BC1 & WCDMA Band 2 & LTE Band 2 & 25\_1830-1920\_30MHz-20GHz

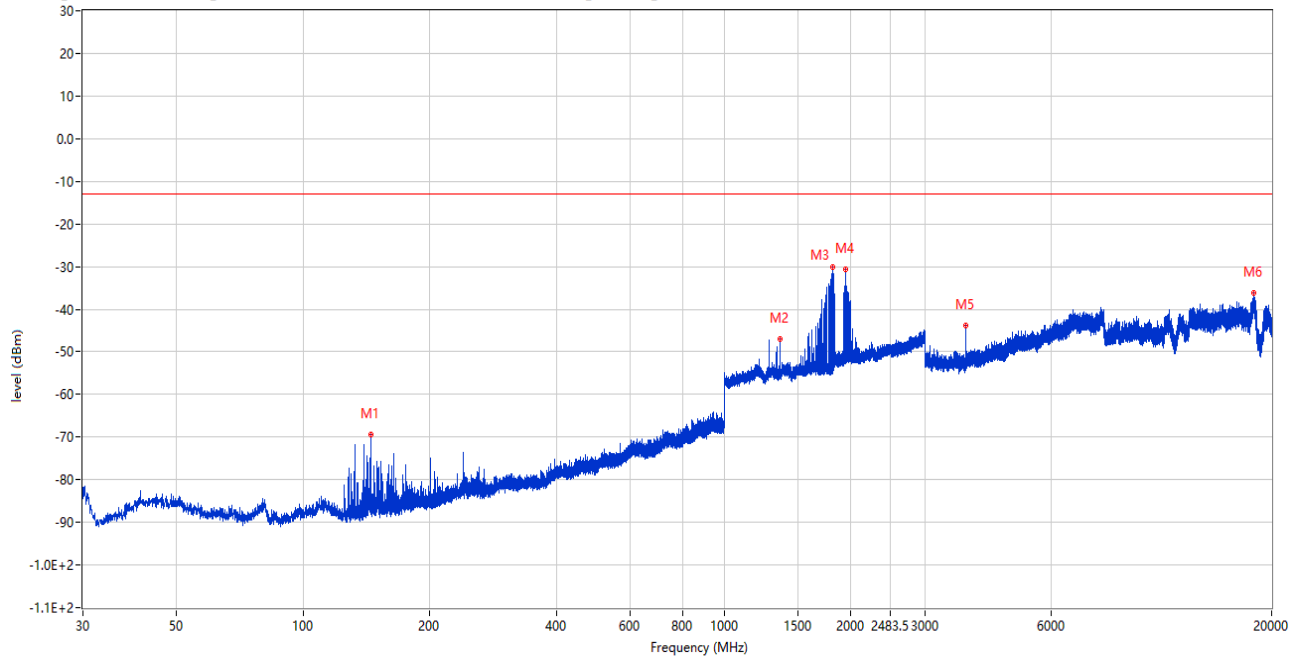


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
80.537	-78.97	-19.71	-13.0	65.97	264.00	Vertical	Horizontal	Pass
152.365	-73.62	-17.00	-13.0	60.62	14.00	Vertical	Horizontal	Pass
1812.300	-40.77	0.85	-13.0	27.77	191.00	Vertical	Horizontal	Pass
1959.500	-44.73	2.91	-13.0	31.73	120.00	Vertical	Horizontal	N/A
7927.250	-39.44	17.18	-13.0	26.44	87.00	Vertical	Horizontal	Pass
18130.225	-36.18	23.83	-13.0	23.18	360.00	Vertical	Horizontal	Pass

LTE NB-IoT Band 2 SCS: 3.75kHz Modulation QPSK, Middle Channel

RSE-H LTE NB-IoT Band 2 SCS: 3.75kHz Modulation QPSK 1#0 CH18900

RSE (RF) FCC PART228&24&27-RSE\_GSM 1900 & CDMA BC1 & WCDMA Band 2 & LTE Band 2 & 25\_1830-1920\_30MHz-20GHz

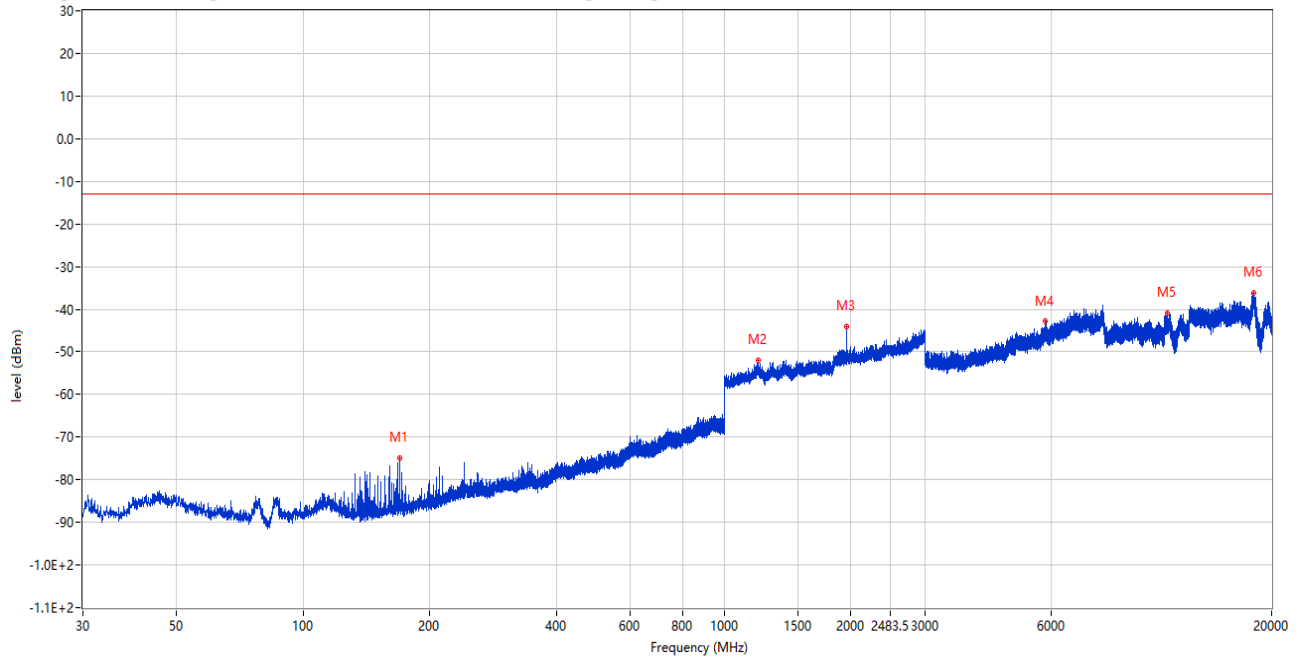


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
144.702	-69.53	-17.54	-13.0	56.53	144.00	Horizontal	Horizontal	Pass
1357.800	-47.10	-0.36	-13.0	34.10	241.00	Horizontal	Horizontal	Pass
1809.300	-30.07	0.76	-13.0	17.07	325.00	Horizontal	Horizontal	Pass
1940.100	-30.64	2.98	-13.0	17.64	222.00	Horizontal	Horizontal	N/A
3759.750	-43.70	6.97	-13.0	30.70	83.00	Horizontal	Horizontal	Pass
18117.538	-36.27	23.96	-13.0	23.27	88.00	Horizontal	Horizontal	Pass

### 9.3 LTE NB-IoT Band 2 SCS: 15kHz, Modulation BPSK, Middle Channel

#### RSE-V LTE NB-IoT Band 2 SCS: 15kHz Modulation BPSK 1#0 CH18900

RSE (RF) FCC PART228&24&27-RSE\_GSM 1900 & CDMA BC1 & WCDMA Band 2 & LTE Band 2 & 25\_1830-1920\_30MHz-20GHz



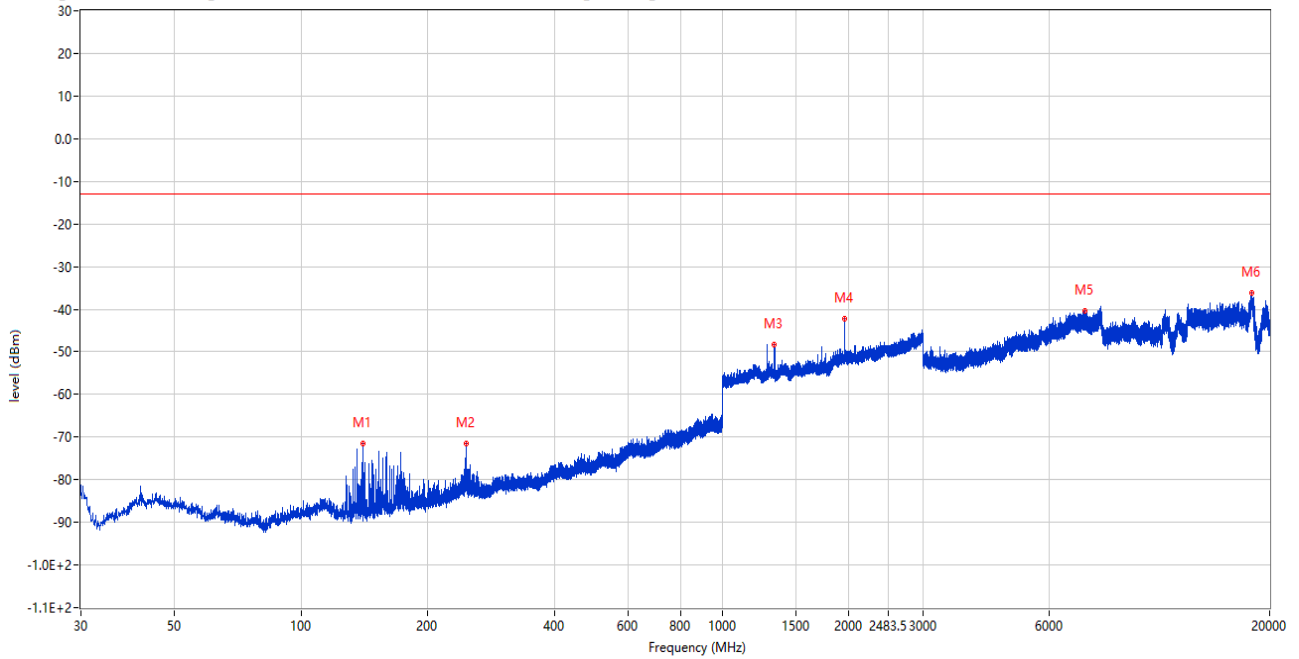
Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
169.340	-74.93	-16.49	-13.0	61.93	29.00	Vertical	Horizontal	Pass
1207.400	-52.11	0.60	-13.0	39.11	360.00	Vertical	Horizontal	Pass
1959.800	-44.06	2.92	-13.0	31.06	227.00	Vertical	Horizontal	N/A
5811.750	-42.68	12.32	-13.0	29.68	198.00	Vertical	Horizontal	Pass
11325.237	-40.89	16.93	-13.0	27.89	41.00	Vertical	Horizontal	Pass
18097.963	-36.12	23.65	-13.0	23.12	354.00	Vertical	Horizontal	Pass



LTE NB-IoT Band 2 SCS: 15kHz Modulation BPSK, Middle Channel

RSE-H LTE NB-IoT Band 2 SCS: 15kHz Modulation BPSK 1#0 CH18900

RSE (RF) FCC PART228&24&27-RSE\_GSM 1900 & CDMA BC1 & WCDMA Band 2 & LTE Band 2 & 25\_1830-1920\_30MHz-20GHz

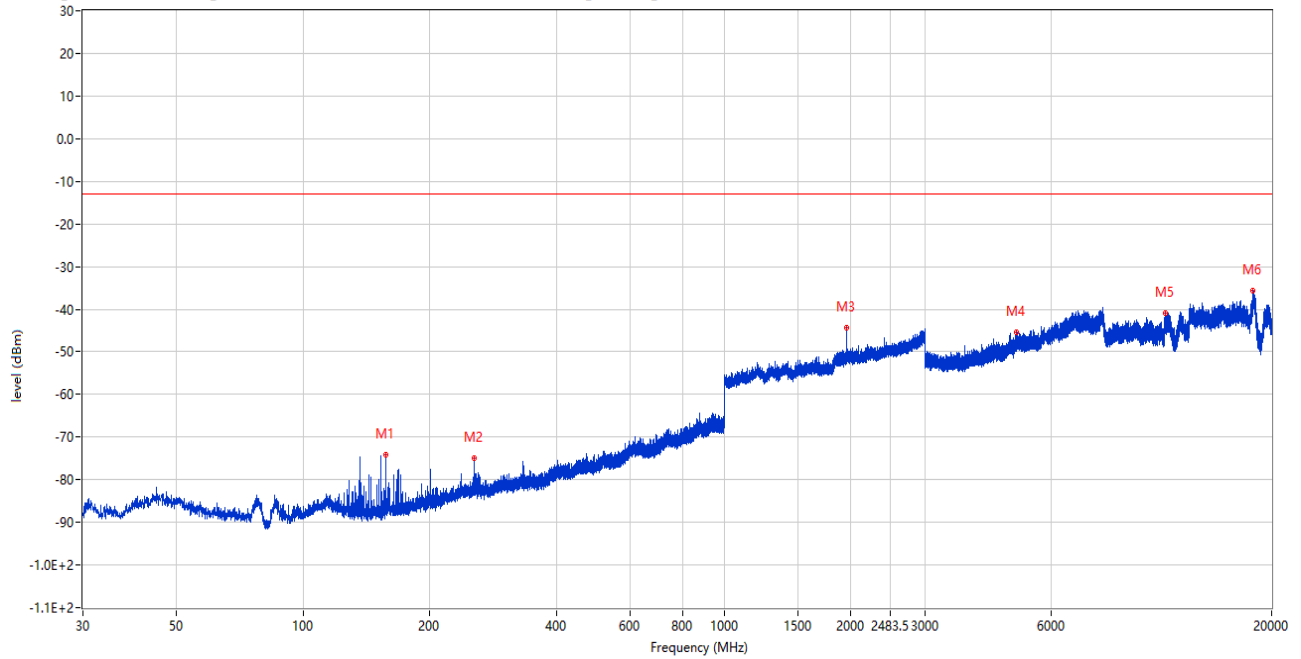


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
140.289	-71.56	-17.87	-13.0	58.56	325.00	Horizontal	Horizontal	Pass
246.941	-71.51	-12.21	-13.0	58.51	246.00	Horizontal	Horizontal	Pass
1333.200	-48.35	-0.25	-13.0	35.35	234.00	Horizontal	Horizontal	Pass
1959.800	-42.27	2.92	-13.0	29.27	25.00	Horizontal	Horizontal	N/A
7297.250	-40.50	15.43	-13.0	27.50	204.00	Horizontal	Horizontal	Pass
18146.175	-36.15	23.85	-13.0	23.15	166.00	Horizontal	Horizontal	Pass

9.4 LTE NB-IoT Band 2 SCS: 15kHz Modulation QPSK, Middle Channel

RSE-V LTE NB-IoT Band 2 SCS: 15kHz Modulation QPSK 1#0 CH18900

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

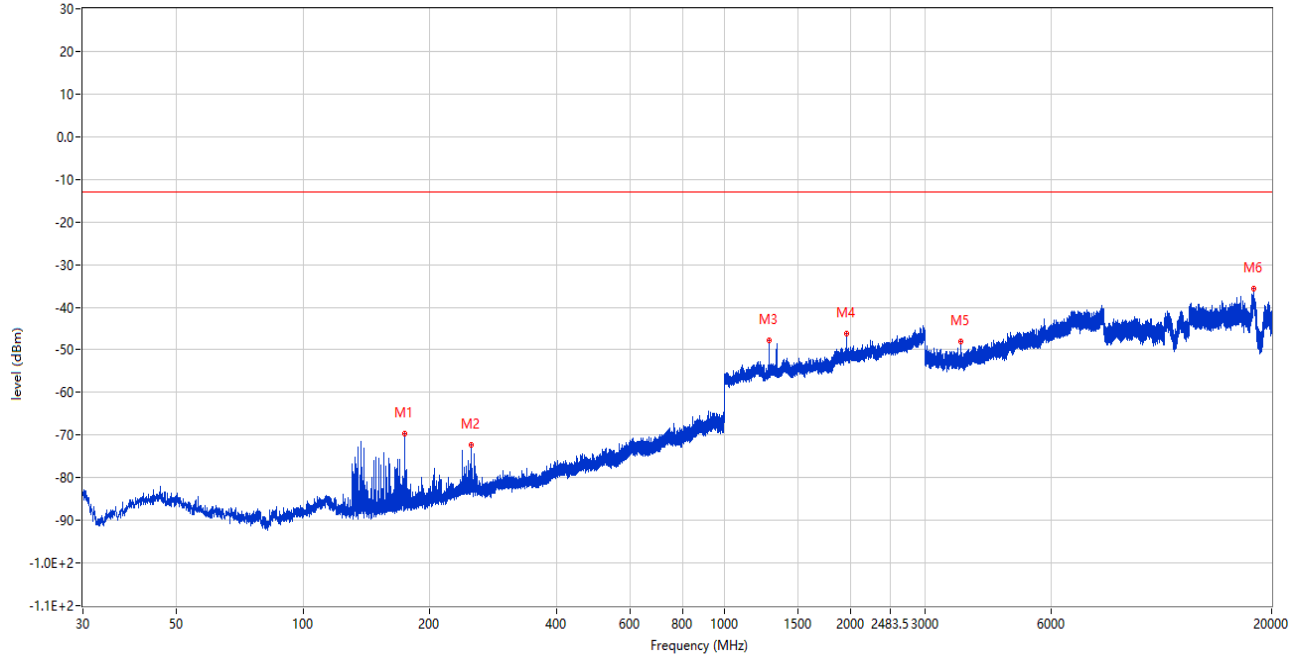


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
157.604	-74.17	-16.56	-13.0	61.17	359.00	Vertical	Horizontal	Pass
255.186	-74.87	-12.23	-13.0	61.87	242.00	Vertical	Horizontal	Pass
1959.800	-44.43	2.92	-13.0	31.43	57.00	Vertical	Horizontal	N/A
4947.750	-45.42	11.31	-13.0	32.42	311.00	Vertical	Horizontal	Pass
11164.687	-40.97	16.95	-13.0	27.97	6.00	Vertical	Horizontal	Pass
18074.401	-35.72	23.43	-13.0	22.72	343.00	Vertical	Horizontal	Pass

LTE NB-IoT Band 2 SCS: 15kHz Modulation QPSK, Middle Channel

RSE-H LTE NB-IoT Band 2 SCS: 15kHz Modulation QPSK 1#0 CH18900

RSE (RF) FCC PART228&24&27-RSE\_GSM 1900 & CDMA BC1 & WCDMA Band 2 & LTE Band 2 & 25\_1830-1920\_30MHz-20GHz

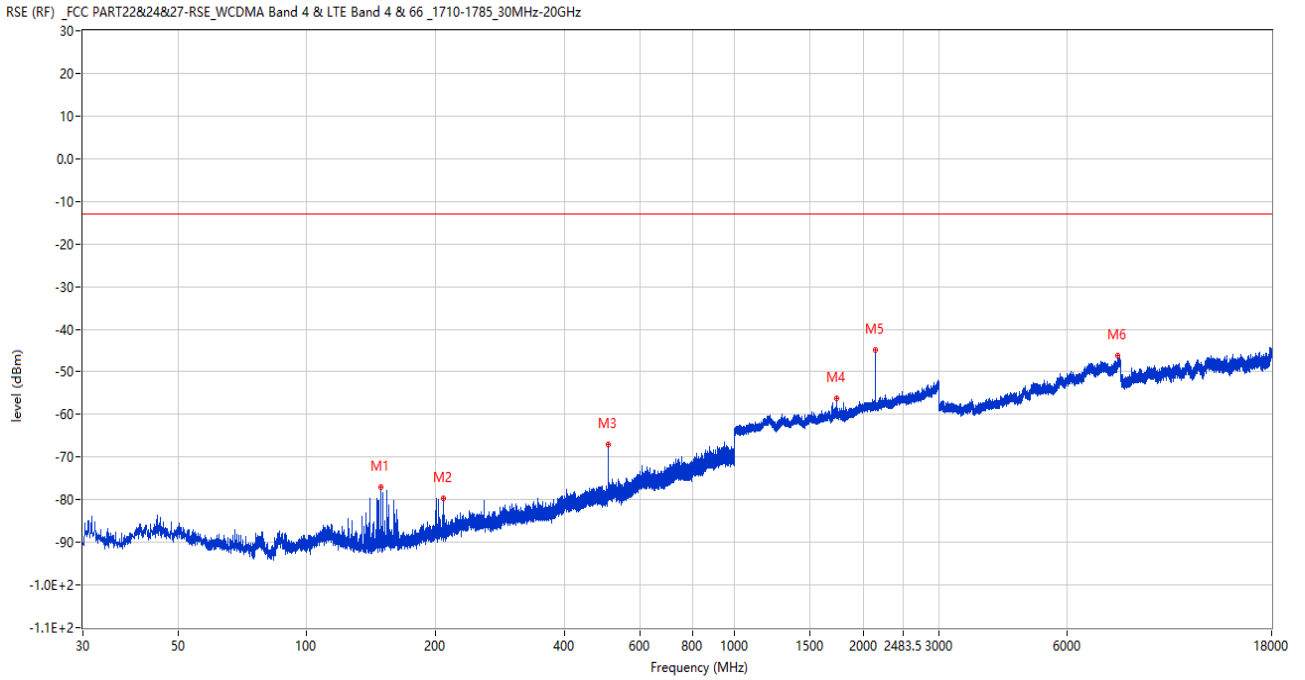


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
174.094	-69.62	-16.24	-13.0	56.62	258.00	Horizontal	Horizontal	Pass
250.869	-72.23	-12.26	-13.0	59.23	116.00	Horizontal	Horizontal	Pass
1279.400	-47.72	-0.24	-13.0	34.72	264.00	Horizontal	Horizontal	Pass
1959.800	-46.11	2.92	-13.0	33.11	283.00	Horizontal	Horizontal	N/A
3646.500	-47.95	6.52	-13.0	34.95	138.00	Horizontal	Horizontal	Pass
18121.886	-35.71	24.02	-13.0	22.71	229.00	Horizontal	Horizontal	Pass

10 LTE NB-IoT Band 4

10.1 LTE NB-IoT Band 4 SCS: 3.75kHz, Modulation BPSK, Middle Channel

RSE-V LTE NB-IoT Band 4 SCS: 3.75kHz Modulation BPSK 1#0 CH20175

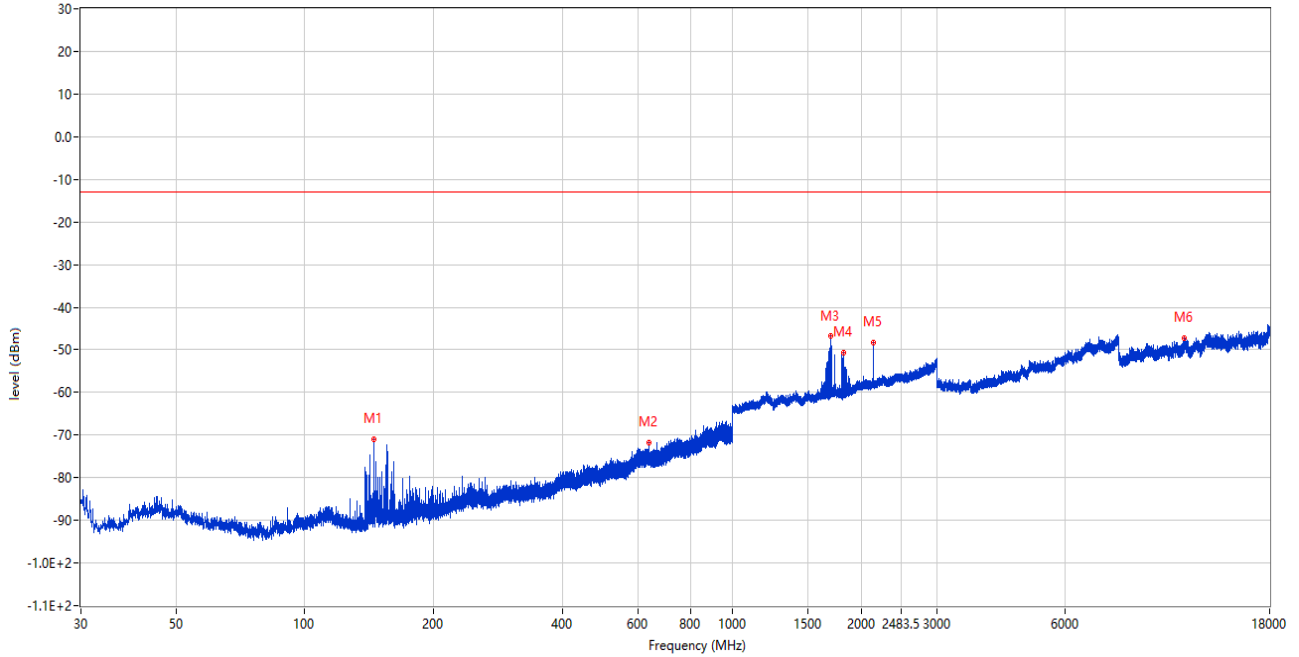


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
148.874	-77.02	-17.23	-13.0	64.02	294.00	Vertical	Horizontal	Pass
208.238	-79.58	-14.76	-13.0	66.58	360.00	Vertical	Horizontal	Pass
506.125	-67.03	-5.87	-13.0	54.03	360.00	Vertical	Horizontal	Pass
1732.600	-56.20	2.07	-13.0	43.20	276.00	Vertical	Horizontal	N/A
2132.500	-44.91	3.61	-13.0	31.91	57.00	Vertical	Horizontal	N/A
7866.500	-46.24	17.11	-13.0	33.24	360.00	Vertical	Horizontal	Pass

LTE NB-IoT Band 4 SCS: 3.75kHz Modulation BPSK, Middle Channel

RSE-H LTE NB-IoT Band 4 SCS: 3.75kHz Modulation BPSK 1#0 CH20175

RSE (RF) FCC PART228&24&27-RSE\_WCDMA Band 4 & LTE Band 4 & 66\_1710-1785\_30MHz-20GHz

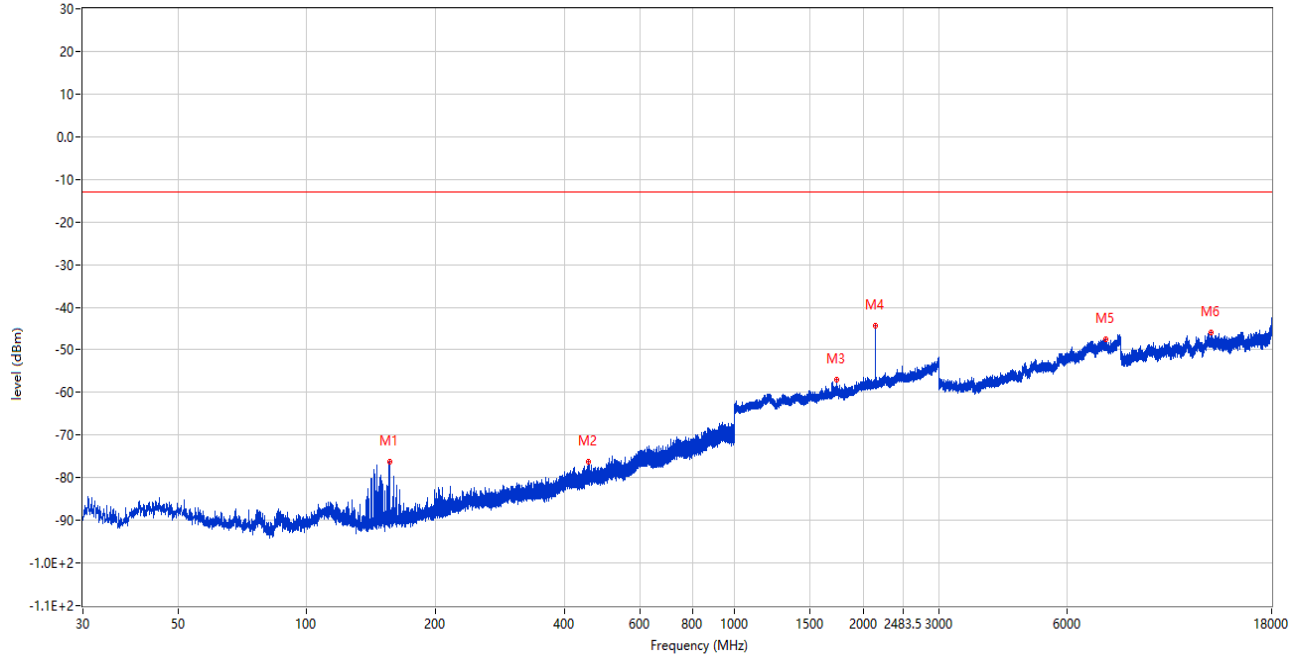


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
145.090	-70.90	-17.52	-13.0	57.90	158.00	Horizontal	Horizontal	Pass
637.511	-71.76	-2.44	-13.0	58.76	54.00	Horizontal	Horizontal	Pass
1697.200	-46.85	1.19	-13.0	33.85	320.00	Horizontal	Horizontal	Pass
1815.800	-50.80	1.17	-13.0	37.80	314.00	Horizontal	Horizontal	Pass
2132.100	-48.39	3.59	-13.0	35.39	57.00	Horizontal	Horizontal	N/A
11371.076	-47.26	17.35	-13.0	34.26	1.00	Horizontal	Horizontal	Pass

## 10.2 LTE NB-IoT Band 4 SCS: 3.75kHz Modulation QPSK, Middle Channel

### RSE-V LTE NB-IoT Band 4 SCS: 3.75kHz Modulation QPSK 1#0 CH20175

RSE (RF) FCC PART228&24&27-RSE\_WCDMA Band 4 & LTE Band 4 & 66\_1710-1785\_30MHz-20GHz

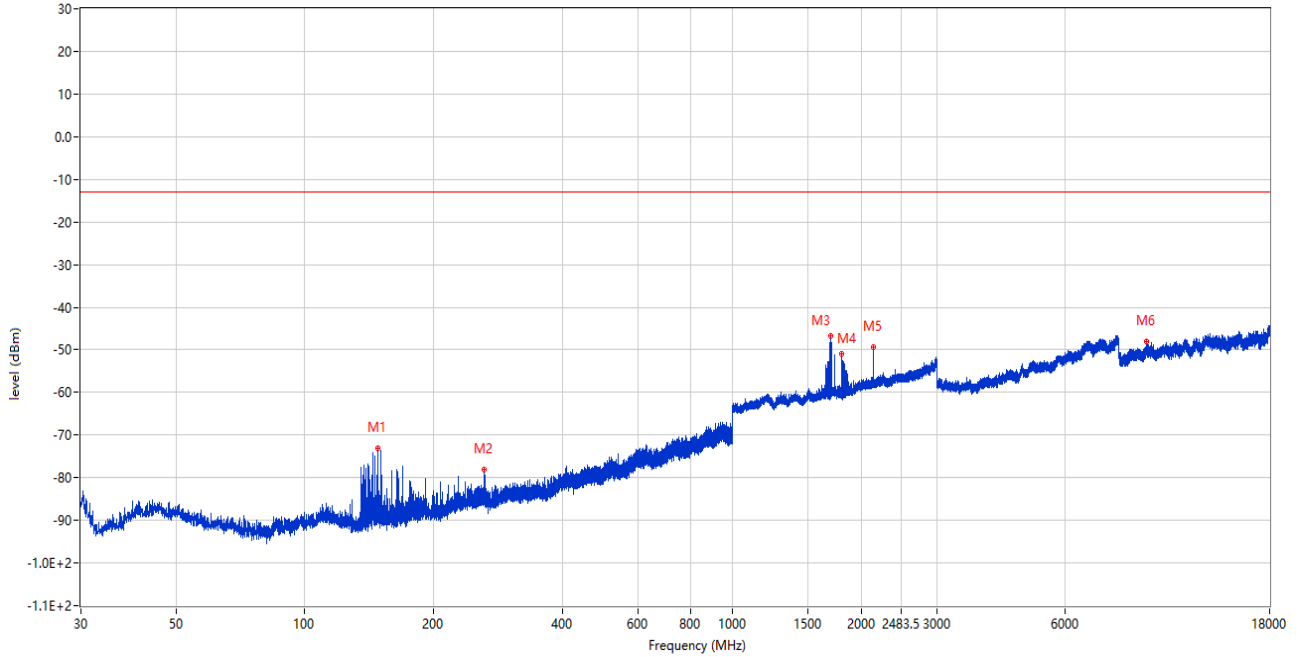


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
156.052	-76.16	-16.69	-13.0	63.16	154.00	Vertical	Horizontal	Pass
456.461	-76.35	-6.89	-13.0	63.35	184.00	Vertical	Horizontal	Pass
1732.200	-56.89	2.07	-13.0	43.89	264.00	Vertical	Horizontal	N/A
2132.500	-44.42	3.61	-13.0	31.42	68.00	Vertical	Horizontal	N/A
7366.500	-47.51	15.60	-13.0	34.51	69.00	Vertical	Horizontal	Pass
13001.475	-45.93	18.95	-13.0	32.93	162.00	Vertical	Horizontal	Pass

LTE NB-IoT Band 4 SCS: 3.75kHz Modulation QPSK, Middle Channel

RSE-H LTE NB-IoT Band 4 SCS: 3.75kHz Modulation QPSK 1#0 CH20175

RSE (RF) FCC PART228&24&27-RSE\_WCDMA Band 4 & LTE Band 4 & 66\_1710-1785\_30MHz-20GHz

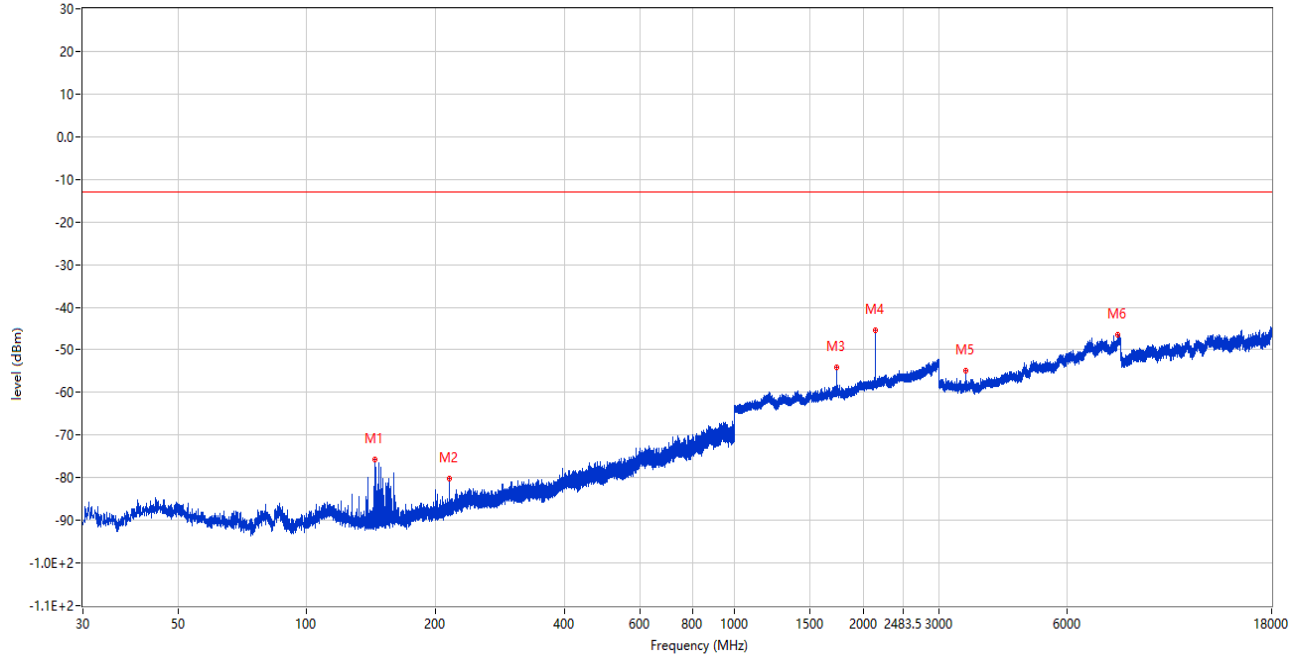


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
148.194	-73.00	-17.30	-13.0	60.00	295.00	Horizontal	Horizontal	Pass
263.334	-78.02	-12.29	-13.0	65.02	94.00	Horizontal	Horizontal	Pass
1693.900	-46.81	1.19	-13.0	33.81	310.00	Horizontal	Horizontal	Pass
1797.000	-50.88	1.20	-13.0	37.88	352.00	Horizontal	Horizontal	N/A
2132.600	-49.44	3.61	-13.0	36.44	37.00	Horizontal	Horizontal	N/A
9300.312	-48.11	16.96	-13.0	35.11	56.00	Horizontal	Horizontal	Pass

10.3 LTE NB-IoT Band 4 SCS: 15kHz, Modulation BPSK, Middle Channel

RSE-V LTE NB-IoT Band 4 SCS: 15kHz Modulation BPSK 1#0 CH20175

RSE (RF) FCC PART228&24&27-RSE\_WCDMA Band 4 & LTE Band 4 & 66\_1710-1785\_30MHz-20GHz



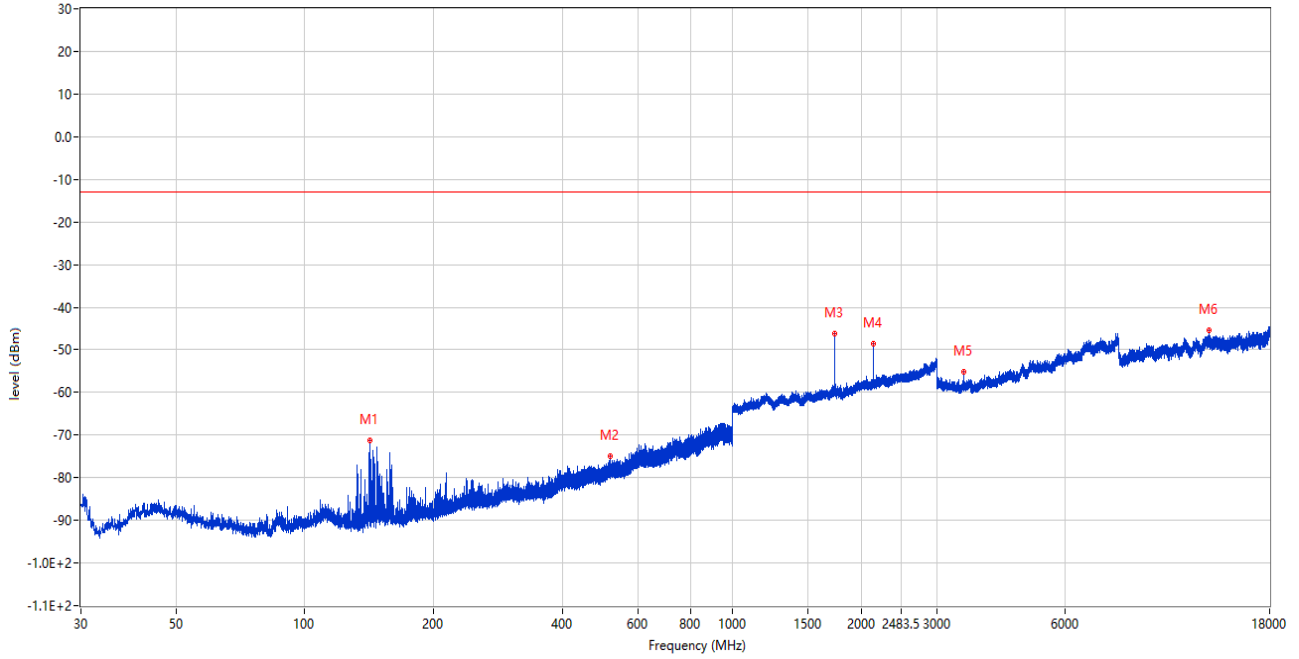
Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
144.024	-75.70	-17.60	-13.0	62.70	0.00	Vertical	Horizontal	Pass
215.464	-80.24	-14.06	-13.0	67.24	297.00	Vertical	Horizontal	Pass
1732.300	-54.01	2.07	-13.0	41.01	264.00	Vertical	Horizontal	N/A
2132.700	-45.48	3.61	-13.0	32.48	124.00	Vertical	Horizontal	N/A
3465.000	-55.01	6.25	-13.0	42.01	342.00	Vertical	Horizontal	Pass
7869.750	-46.52	17.06	-13.0	33.52	359.00	Vertical	Horizontal	Pass



LTE NB-IoT Band 4 SCS: 15kHz Modulation BPSK, Middle Channel

RSE-H LTE NB-IoT Band 4 SCS: 15kHz Modulation BPSK 1#0 CH20175

RSE (RF) FCC PART228&24&27-RSE\_WCDMA Band 4 & LTE Band 4 & 66\_1710-1785\_30MHz-20GHz

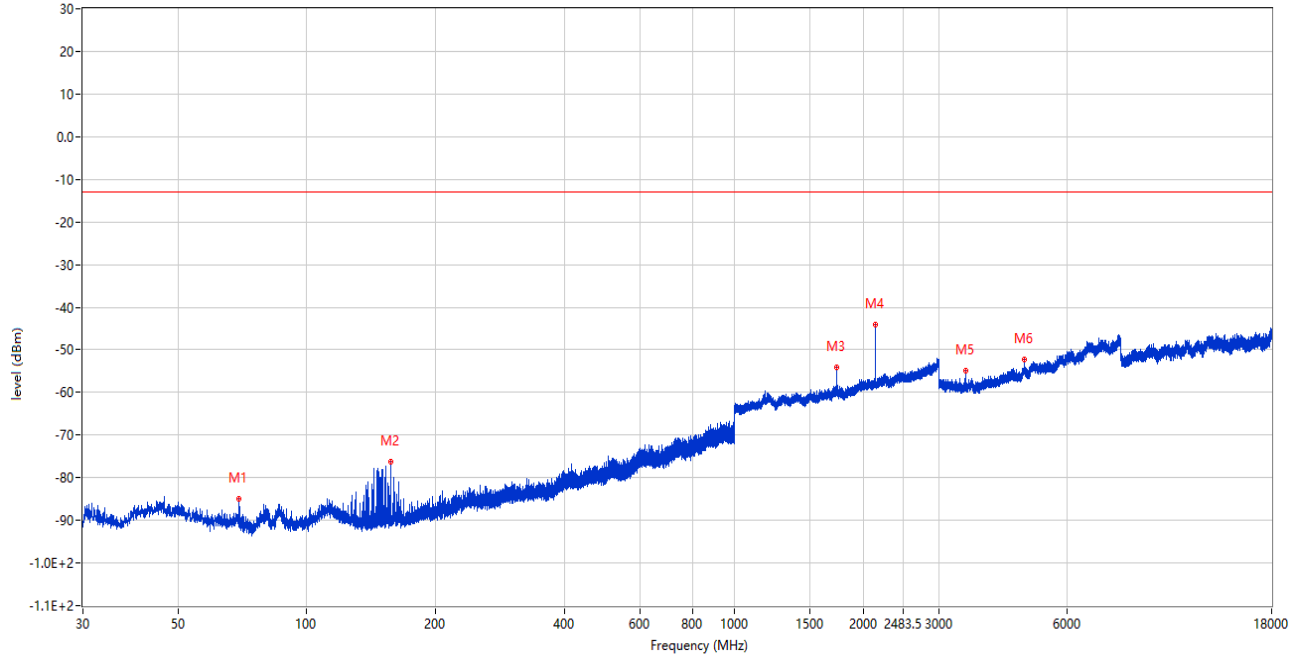


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
141.986	-71.34	-17.74	-13.0	58.34	133.00	Horizontal	Horizontal	Pass
517.328	-74.95	-5.29	-13.0	61.95	360.00	Horizontal	Horizontal	Pass
1732.200	-46.08	2.07	-13.0	33.08	310.00	Horizontal	Horizontal	N/A
2132.700	-48.60	3.61	-13.0	35.60	58.00	Horizontal	Horizontal	N/A
3464.750	-55.18	6.26	-13.0	42.18	125.00	Horizontal	Horizontal	Pass
12995.174	-45.45	18.83	-13.0	32.45	178.00	Horizontal	Horizontal	Pass

10.4 LTE NB-IoT Band 4 SCS: 15kHz Modulation QPSK, Middle Channel

RSE-V LTE NB-IoT Band 4 SCS: 15kHz Modulation QPSK 1#0 CH20175

RSE (RF) FCC PART228&24&27-RSE\_WCDMA Band 4 & LTE Band 4 & 66\_1710-1785\_30MHz-20GHz

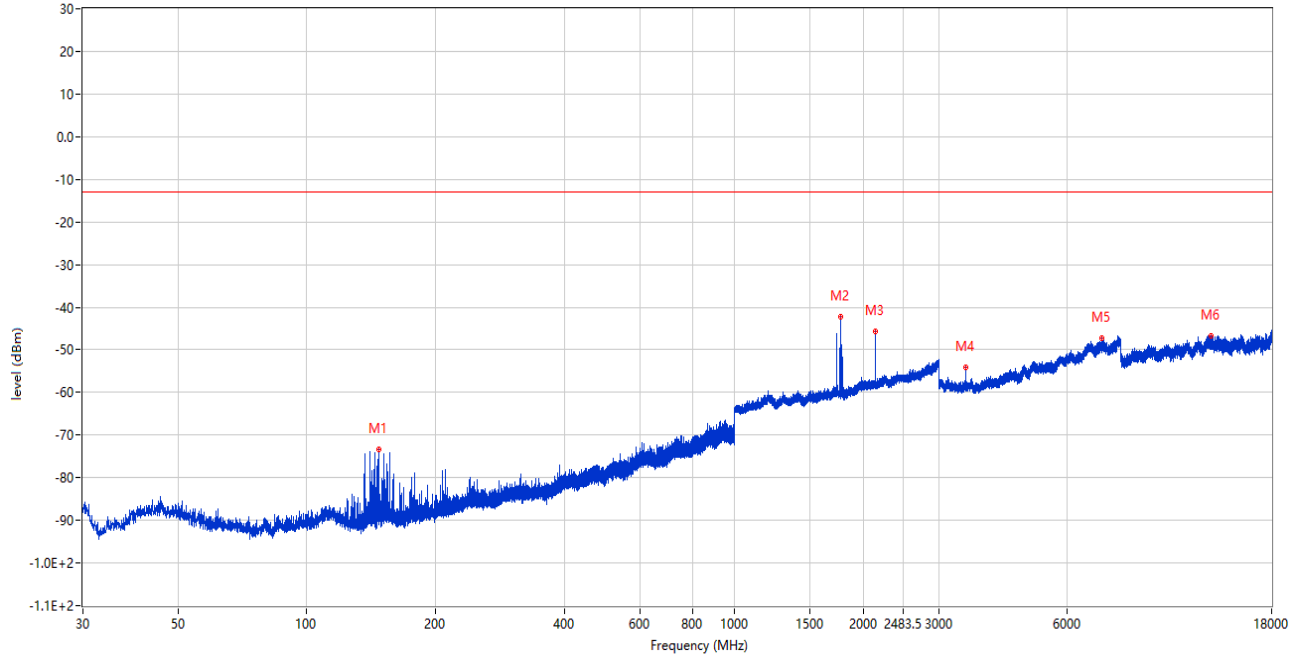


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
69.576	-85.02	-17.94	-13.0	72.02	70.00	Vertical	Horizontal	Pass
157.458	-76.33	-16.59	-13.0	63.33	190.00	Vertical	Horizontal	Pass
1732.500	-54.01	2.07	-13.0	41.01	267.00	Vertical	Horizontal	N/A
2132.300	-44.19	3.60	-13.0	31.19	70.00	Vertical	Horizontal	N/A
3464.750	-54.97	6.26	-13.0	41.97	316.00	Vertical	Horizontal	Pass
4753.750	-52.35	10.50	-13.0	39.35	328.00	Vertical	Horizontal	Pass

LTE NB-IoT Band 4 SCS: 15kHz Modulation QPSK, Middle Channel

RSE-H LTE NB-IoT Band 4 SCS: 15kHz Modulation QPSK 1#0 CH20175

RSE (RF) FCC PART228&24&27-RSE\_WCDMA Band 4 & LTE Band 4 & 66\_1710-1785\_30MHz-20GHz

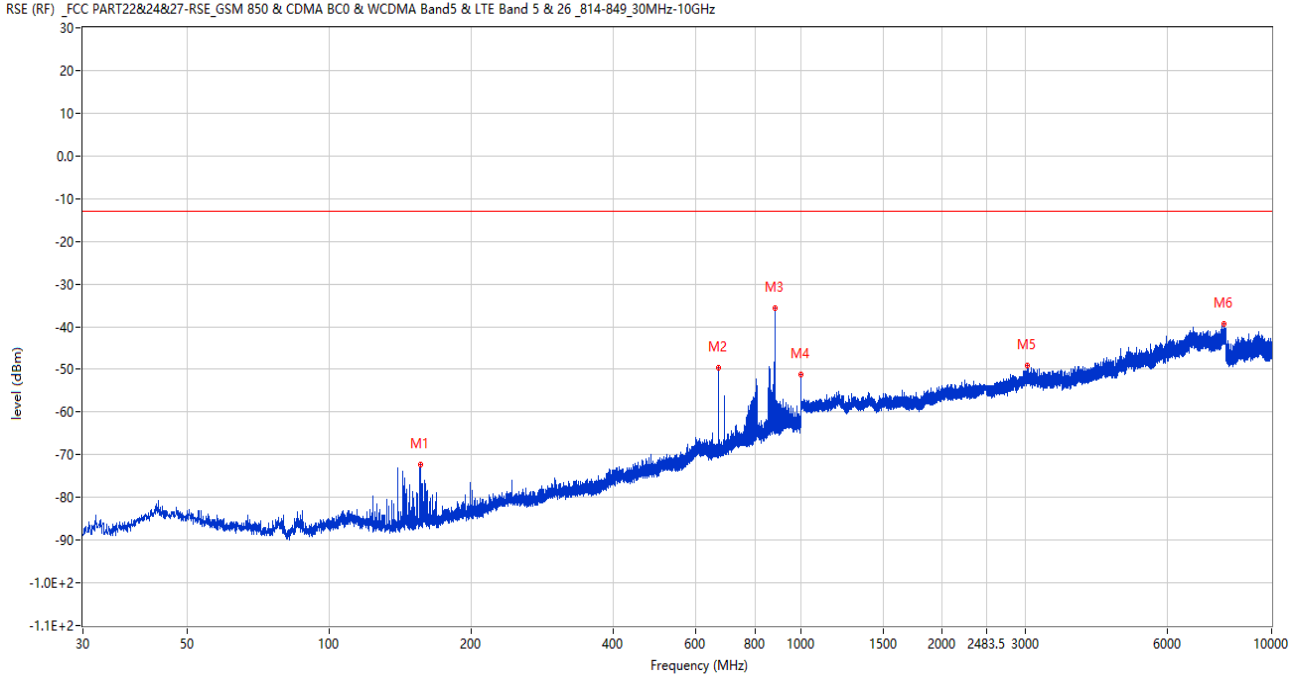


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
147.418	-73.27	-17.34	-13.0	60.27	287.00	Horizontal	Horizontal	Pass
1766.000	-42.25	1.95	-13.0	29.25	301.00	Horizontal	Horizontal	N/A
2132.700	-45.76	3.61	-13.0	32.76	72.00	Horizontal	Horizontal	N/A
3464.750	-54.12	6.26	-13.0	41.12	58.00	Horizontal	Horizontal	Pass
7200.000	-47.34	16.17	-13.0	34.34	327.00	Horizontal	Horizontal	Pass
13014.075	-46.60	18.95	-13.0	33.60	60.00	Horizontal	Horizontal	Pass

11 LTE NB-IoT Band 5

11.1 LTE NB-IoT Band 5 SCS: 3.75kHz, Modulation BPSK, Middle Channel

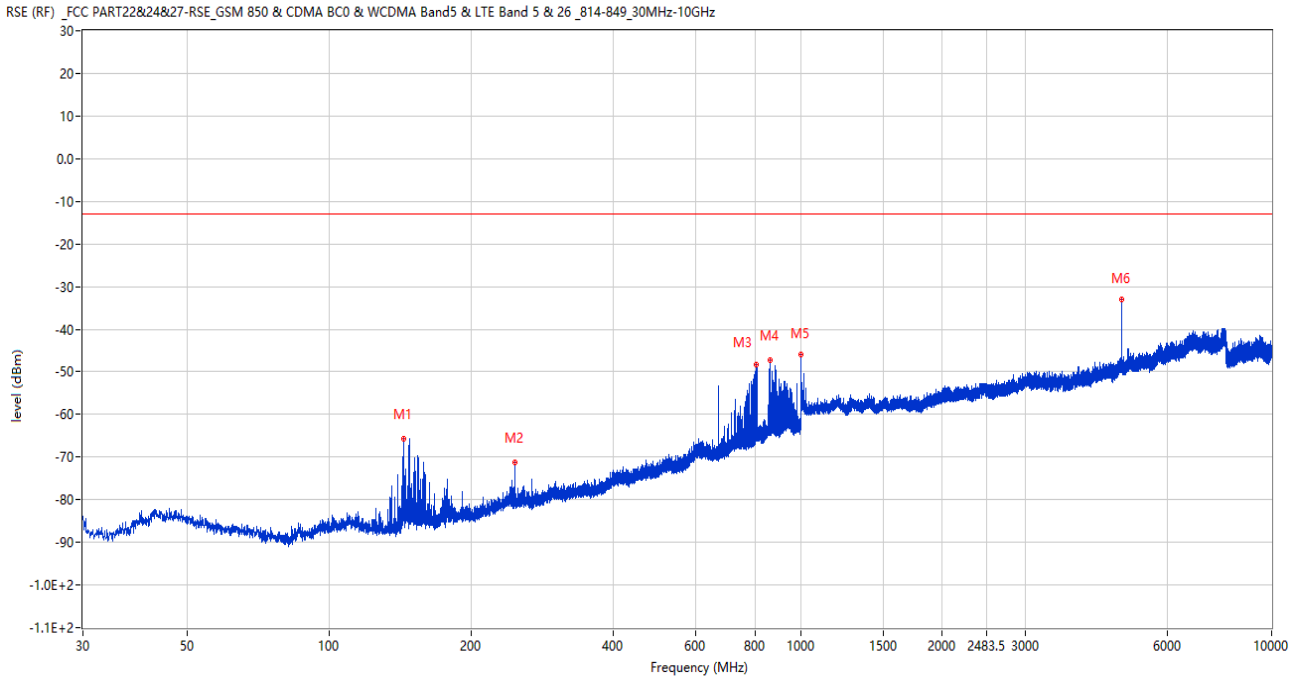
RSE-V LTE NB-IoT Band 5 SCS: 3.75kHz Modulation BPSK 1#0 CH20525



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
156.391	-72.38	-14.95	-13.0	59.38	339.00	Vertical	Horizontal	Pass
669.182	-49.62	1.48	-13.0	36.62	172.00	Vertical	Horizontal	Pass
881.466	-35.68	6.91	-13.0	22.68	322.00	Vertical	Horizontal	N/A
1003.800	-51.20	-2.03	-13.0	38.20	268.00	Vertical	Horizontal	Pass
3033.750	-49.04	5.24	-13.0	36.04	160.00	Vertical	Horizontal	Pass
7933.750	-39.43	17.21	-13.0	26.43	57.00	Vertical	Horizontal	Pass

LTE NB-IoT Band 5 SCS: 3.75kHz Modulation BPSK, Middle Channel

RSE-H LTE NB-IoT Band 5 SCS: 3.75kHz Modulation BPSK 1#0 CH20525

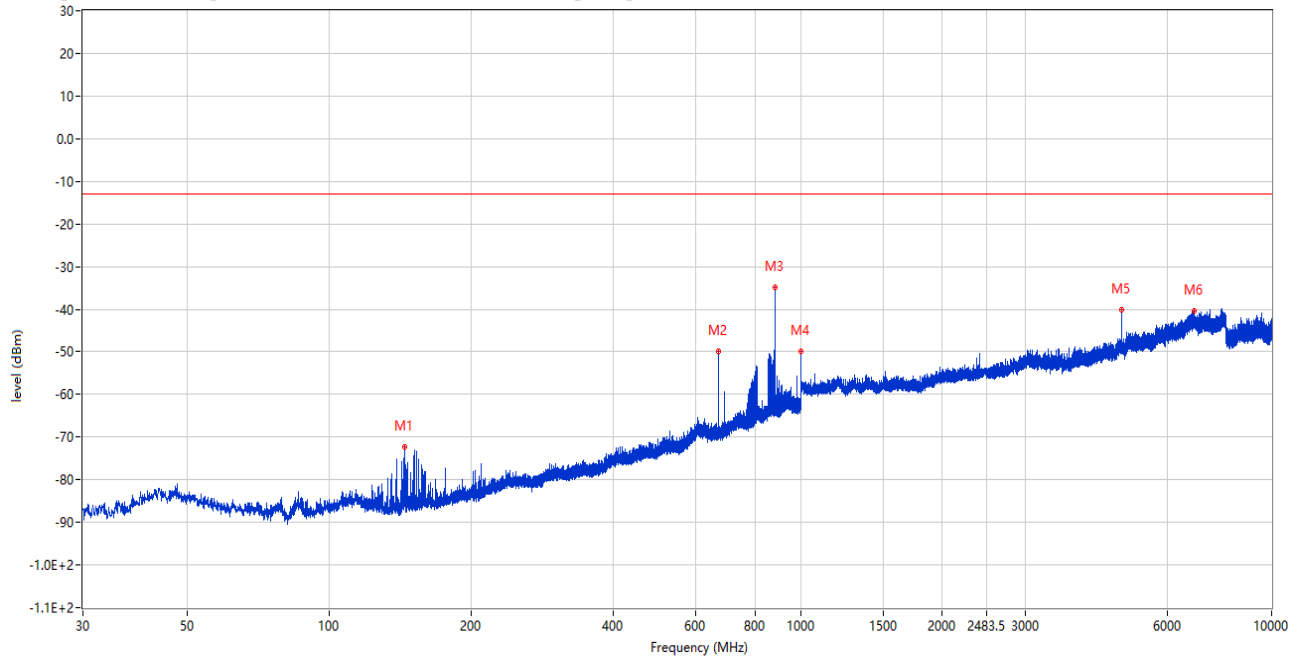


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
144.072	-65.64	-15.97	-13.0	52.64	334.00	Horizontal	Horizontal	Pass
247.911	-71.21	-9.93	-13.0	58.21	80.00	Horizontal	Horizontal	Pass
806.825	-48.28	5.48	-13.0	35.28	305.00	Horizontal	Horizontal	Pass
862.260	-47.17	6.57	-13.0	34.17	214.00	Horizontal	Horizontal	Pass
1000.300	-45.94	-2.08	-13.0	32.94	186.00	Horizontal	Horizontal	Pass
4804.500	-32.89	10.68	-13.0	19.89	0.00	Horizontal	Horizontal	Pass

## 11.2 LTE NB-IoT Band 5 SCS: 3.75kHz Modulation QPSK, Middle Channel

### RSE-V LTE NB-IoT Band 5 SCS: 3.75kHz Modulation QPSK 1#0 CH20525

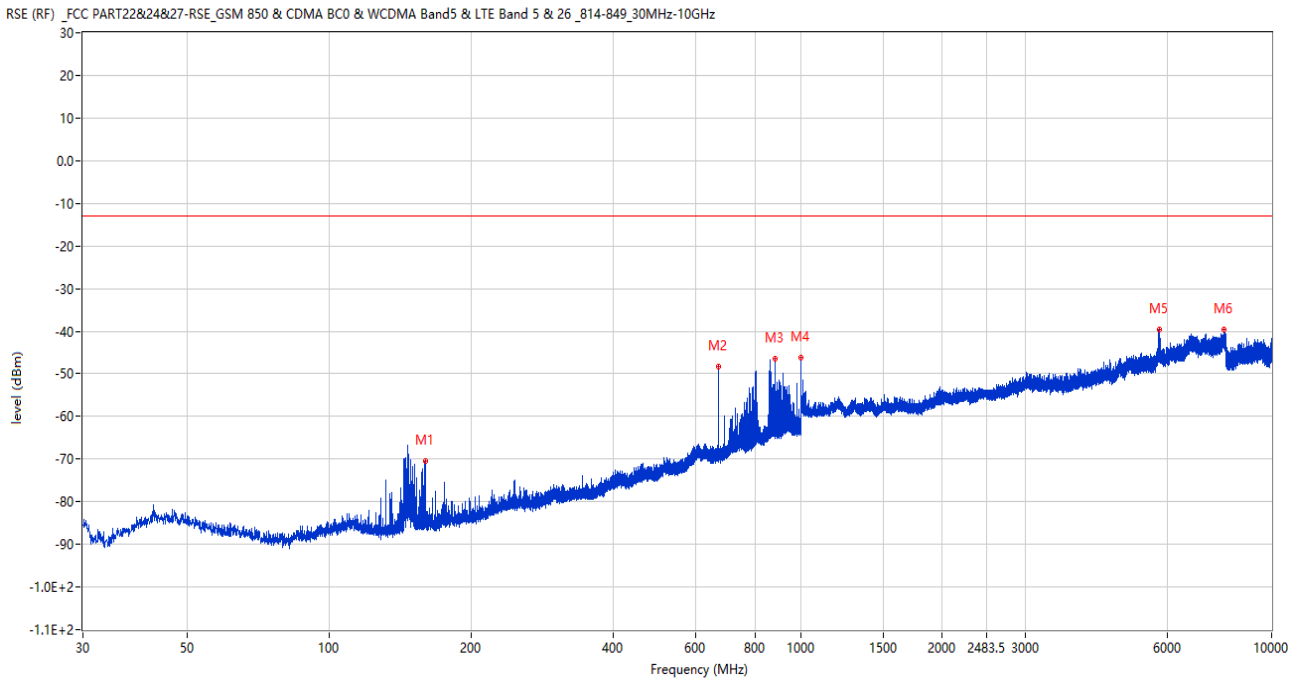
RSE (RF) FCC PART22&24&27-RSE\_GSM 850 & CDMA BC0 & WCDMA Band5 & LTE Band 5 & 26\_814-849\_30MHz-10GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
144.848	-72.17	-15.87	-13.0	59.17	145.00	Vertical	Horizontal	Pass
669.182	-49.78	1.48	-13.0	36.78	200.00	Vertical	Horizontal	Pass
881.466	-34.89	6.91	-13.0	21.89	40.00	Vertical	Horizontal	N/A
1003.700	-50.01	-2.04	-13.0	37.01	270.00	Vertical	Horizontal	Pass
4803.750	-40.13	10.66	-13.0	27.13	261.00	Vertical	Horizontal	Pass
6856.500	-40.33	14.96	-13.0	27.33	45.00	Vertical	Horizontal	Pass

LTE NB-IoT Band 5 SCS: 3.75kHz Modulation QPSK, Middle Channel

RSE-H LTE NB-IoT Band 5 SCS: 3.75kHz Modulation QPSK 1#0 CH20525

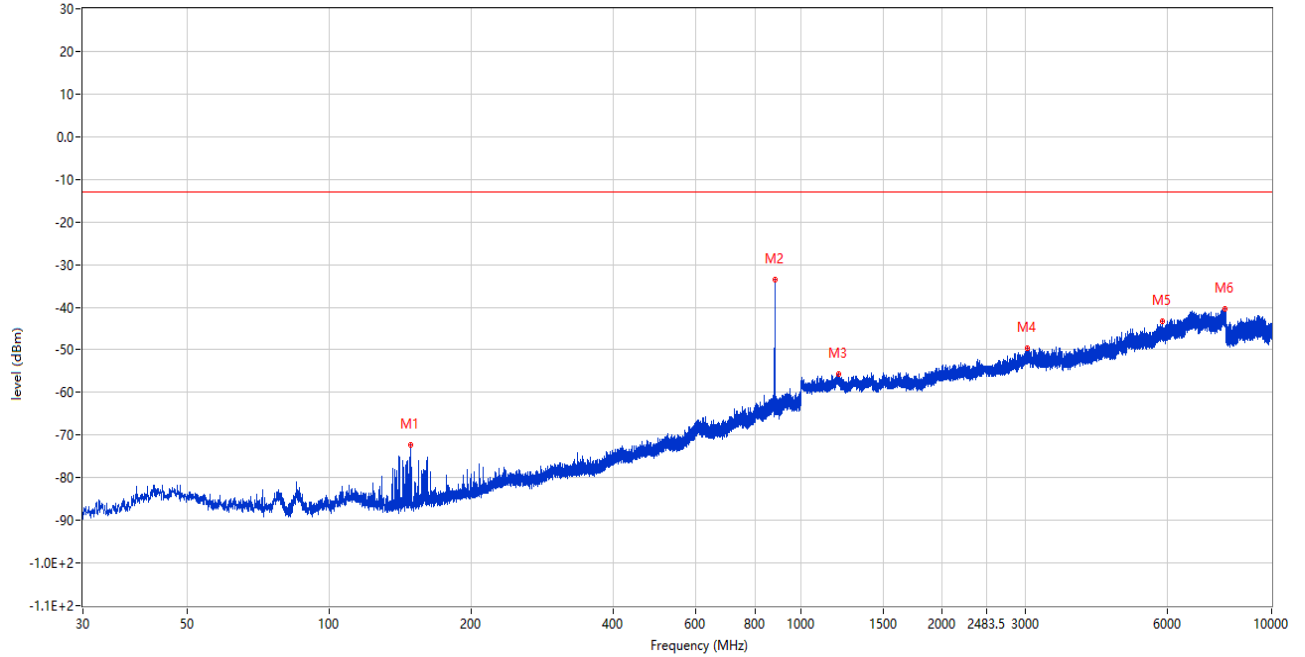


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
159.689	-70.37	-14.62	-13.0	57.37	267.00	Horizontal	Horizontal	Pass
669.230	-48.31	1.48	-13.0	35.31	200.00	Horizontal	Horizontal	Pass
881.563	-46.43	6.90	-13.0	33.43	36.00	Horizontal	Horizontal	N/A
1003.700	-46.26	-2.04	-13.0	33.26	200.00	Horizontal	Horizontal	Pass
5767.500	-39.47	12.29	-13.0	26.47	224.00	Horizontal	Horizontal	Pass
7940.000	-39.66	17.09	-13.0	26.66	161.00	Horizontal	Horizontal	Pass

### 11.3 LTE NB-IoT Band 5 SCS: 15kHz, Modulation BPSK, Middle Channel

#### RSE-V LTE NB-IoT Band 5 SCS: 15kHz Modulation BPSK 1#0 CH20525

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



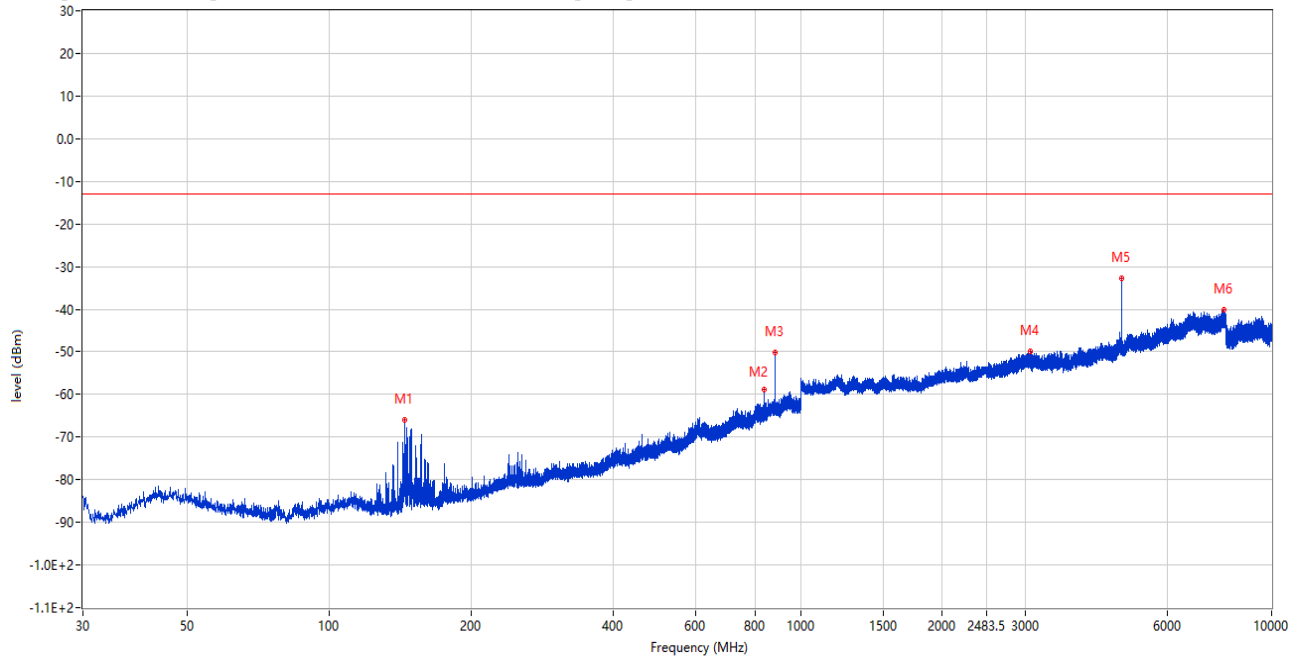
Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
148.874	-72.32	-15.58	-13.0	59.32	308.00	Vertical	Horizontal	Pass
881.466	-33.52	6.91	-13.0	20.52	338.00	Vertical	Horizontal	N/A
1202.500	-55.65	-1.82	-13.0	42.65	163.00	Vertical	Horizontal	Pass
3035.750	-49.53	5.14	-13.0	36.53	0.00	Vertical	Horizontal	Pass
5861.250	-43.32	12.04	-13.0	30.32	0.00	Vertical	Horizontal	Pass
7975.250	-40.40	17.18	-13.0	27.40	353.00	Vertical	Horizontal	Pass



LTE NB-IoT Band 5 SCS: 15kHz Modulation BPSK, Middle Channel

RSE-H LTE NB-IoT Band 5 SCS: 15kHz Modulation BPSK 1#0 CH20525

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

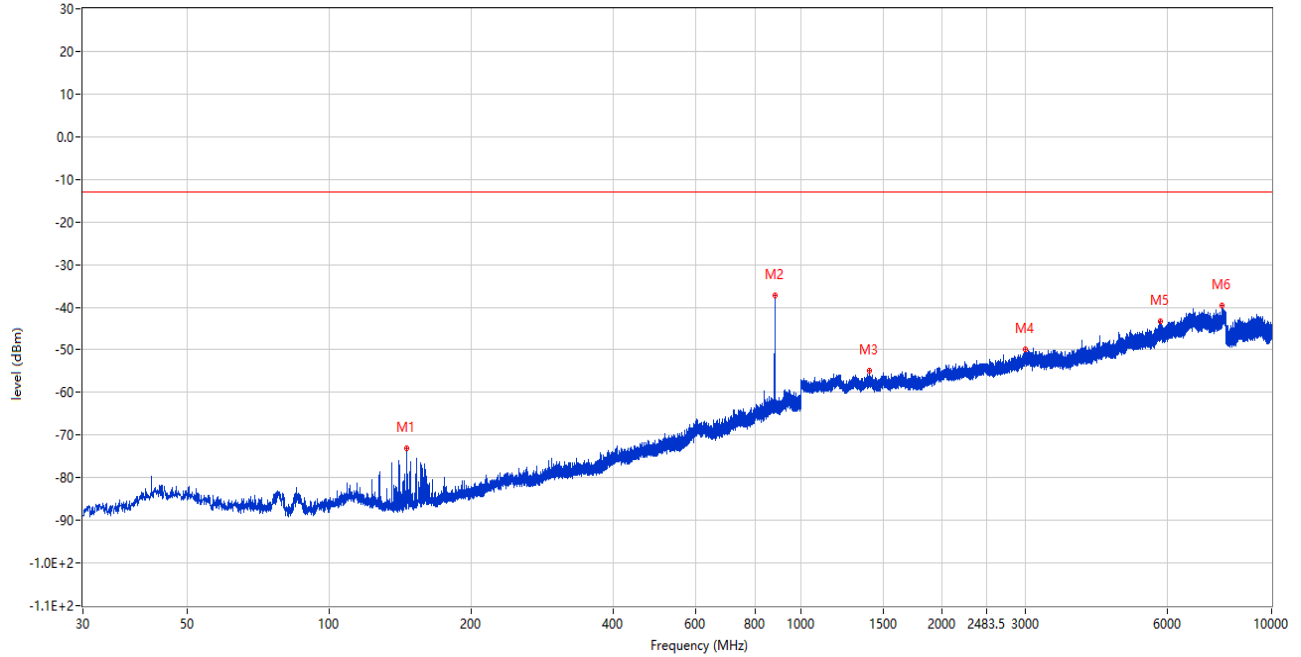


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
144.218	-66.08	-15.95	-13.0	53.08	340.00	Horizontal	Horizontal	Pass
836.409	-58.87	5.63	-13.0	45.87	304.00	Horizontal	Horizontal	Pass
881.466	-50.18	6.91	-13.0	37.18	23.00	Horizontal	Horizontal	N/A
3073.000	-49.83	5.30	-13.0	36.83	186.00	Horizontal	Horizontal	Pass
4804.000	-32.81	10.66	-13.0	19.81	355.00	Horizontal	Horizontal	Pass
7935.500	-40.06	17.18	-13.0	27.06	301.00	Horizontal	Horizontal	Pass

11.4 LTE NB-IoT Band 5 SCS: 15kHz Modulation QPSK, Middle Channel

RSE-V LTE NB-IoT Band 5 SCS: 15kHz Modulation QPSK 1#0 CH20525

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

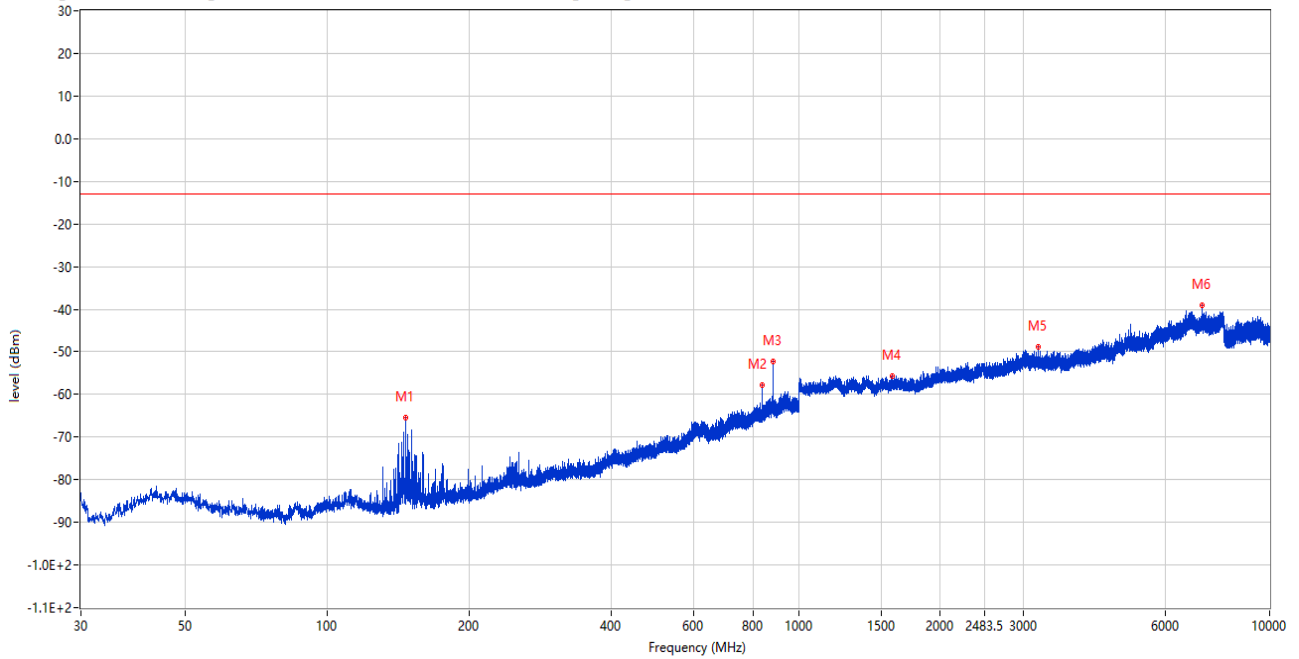


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
146.254	-73.16	-15.77	-13.0	60.16	4.00	Vertical	Horizontal	Pass
881.514	-37.11	6.90	-13.0	24.11	50.00	Vertical	Horizontal	N/A
1398.400	-54.86	-2.40	-13.0	41.86	360.00	Vertical	Horizontal	Pass
3004.250	-49.86	5.13	-13.0	36.86	160.00	Vertical	Horizontal	Pass
5802.750	-43.25	12.39	-13.0	30.25	19.00	Vertical	Horizontal	Pass
7862.250	-39.64	17.07	-13.0	26.64	261.00	Vertical	Horizontal	Pass

LTE NB-IoT Band 5 SCS: 15kHz Modulation QPSK, Middle Channel

RSE-H LTE NB-IoT Band 5 SCS: 15kHz Modulation QPSK 1#0 CH20525

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

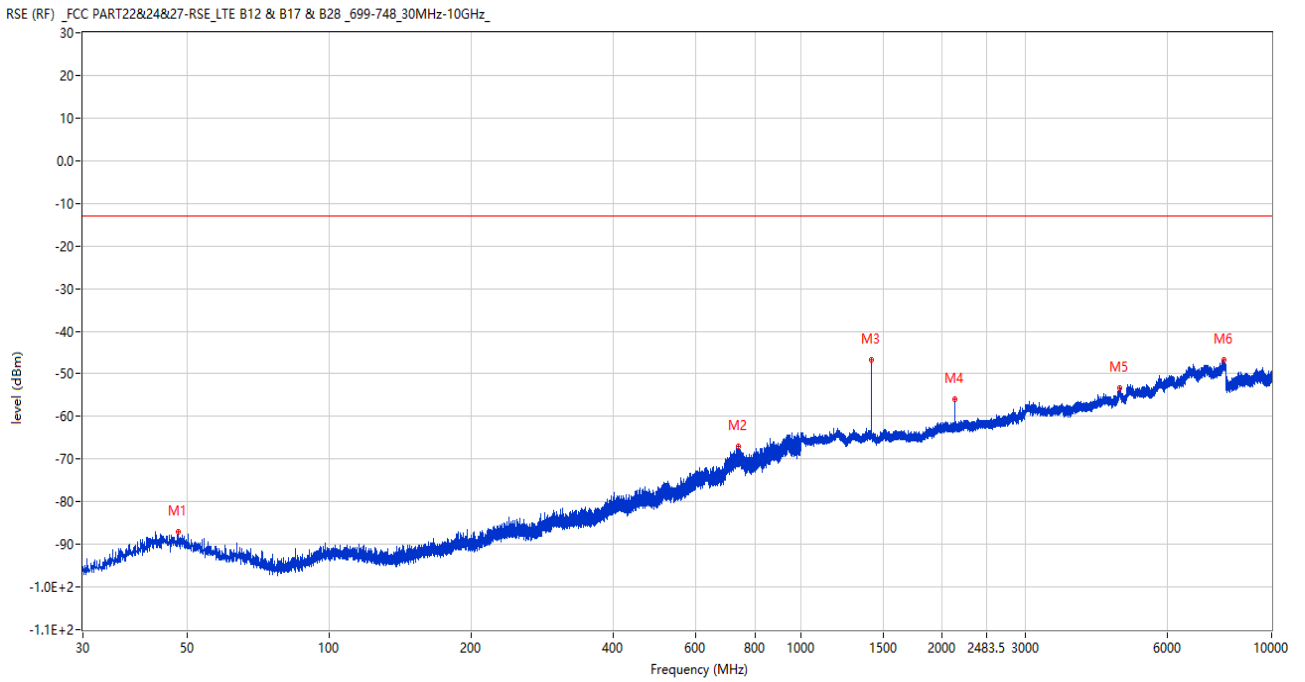


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
146.934	-65.38	-15.71	-13.0	52.38	176.00	Horizontal	Horizontal	Pass
836.409	-57.80	5.63	-13.0	44.80	310.00	Horizontal	Horizontal	Pass
881.514	-52.36	6.90	-13.0	39.36	4.00	Horizontal	Horizontal	N/A
1578.100	-55.59	-2.98	-13.0	42.59	273.00	Horizontal	Horizontal	Pass
3230.750	-48.94	5.68	-13.0	35.94	0.00	Horizontal	Horizontal	Pass
7199.750	-39.01	16.14	-13.0	26.01	44.00	Horizontal	Horizontal	Pass

12 LTE NB-IoT Band 12

12.1 LTE NB-IoT Band 12 SCS: 3.75kHz, Modulation BPSK, Middle Channel

RSE-V LTE NB-IoT Band 12 SCS: 3.75kHz Modulation BPSK 1#0 CH23095

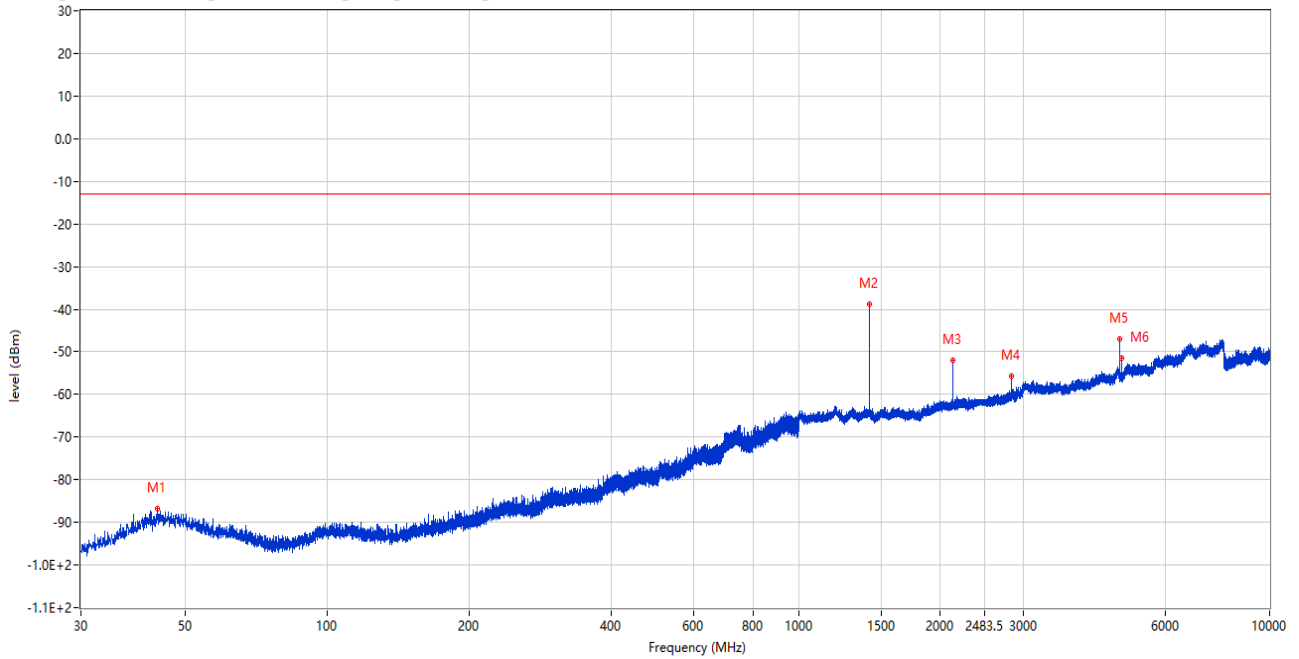


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
47.703	-87.06	-12.57	-13.0	74.06	322.00	Vertical	Horizontal	Pass
739.458	-67.13	5.45	-13.0	54.13	157.00	Vertical	Horizontal	Pass
1414.700	-46.75	-2.76	-13.0	33.75	0.00	Vertical	Horizontal	Pass
2122.800	-55.99	-0.66	-13.0	42.99	292.00	Vertical	Horizontal	Pass
4757.750	-53.36	10.48	-13.0	40.36	360.00	Vertical	Horizontal	Pass
7918.500	-46.71	17.02	-13.0	33.71	0.00	Vertical	Horizontal	Pass

LTE NB-IoT Band 12 SCS: 3.75kHz Modulation BPSK, Middle Channel

RSE-H LTE NB-IoT Band 12 SCS: 3.75kHz Modulation BPSK 1#0 CH23095

RSE (RF) FCC PART22&24&27-RSE\_LTE B12 & B17 & B28 \_699-748\_30MHz-10GHz\_

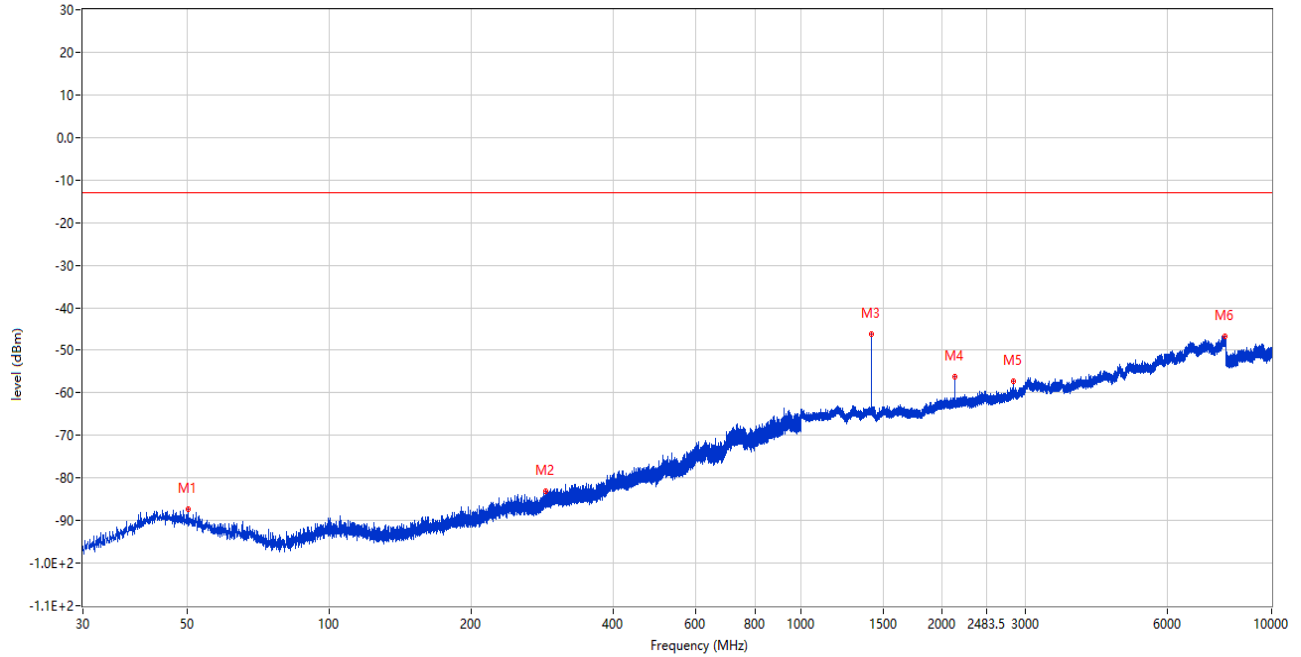


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
43.677	-86.75	-12.24	-13.0	73.75	360.00	Horizontal	Horizontal	Pass
1414.800	-38.77	-2.76	-13.0	25.77	169.00	Horizontal	Horizontal	Pass
2122.400	-52.10	-0.68	-13.0	39.10	182.00	Horizontal	Horizontal	Pass
2829.600	-55.81	2.62	-13.0	42.81	182.00	Horizontal	Horizontal	Pass
4804.750	-47.01	10.69	-13.0	34.01	7.00	Horizontal	Horizontal	Pass
4850.500	-51.35	10.27	-13.0	38.35	360.00	Horizontal	Horizontal	Pass

12.2 LTE NB-IoT Band 12 SCS: 3.75kHz Modulation QPSK, Middle Channel

RSE-V LTE NB-IoT Band 12 SCS: 3.75kHz Modulation QPSK 1#0 CH23095

RSE (RF) \_FCC PART228&24&27-RSE\_LTE B12 & B17 & B28\_699-748\_30MHz-10GHz\_

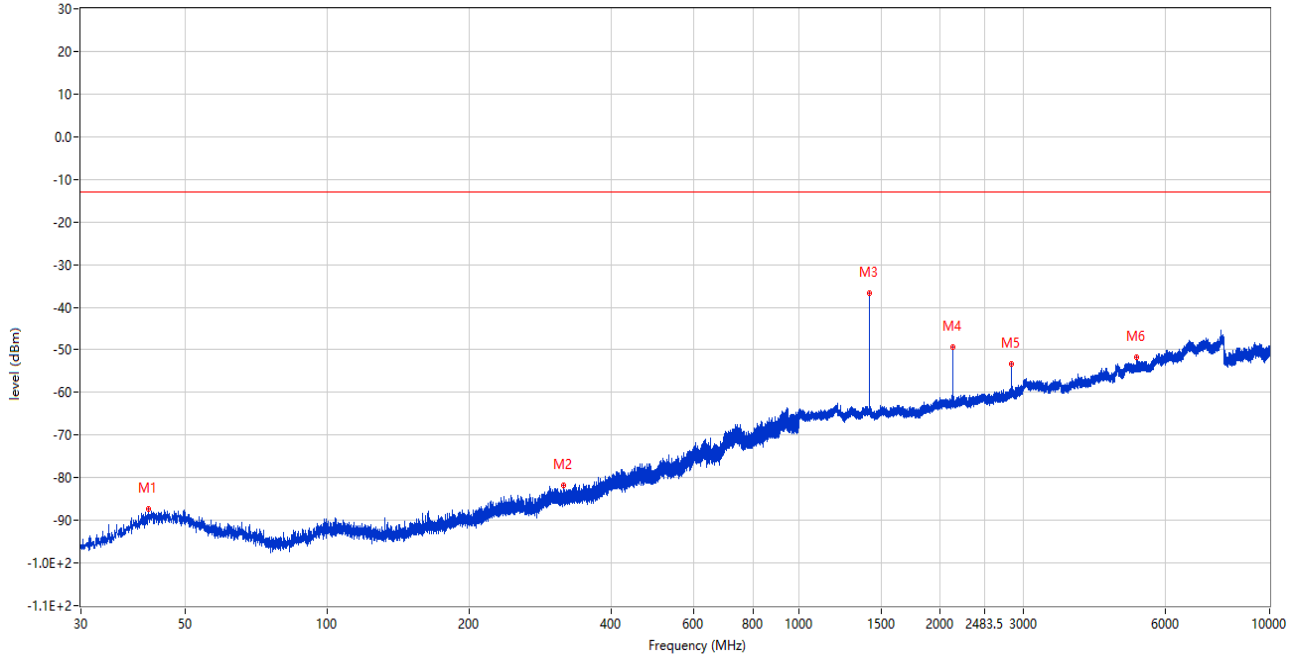


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
50.127	-87.31	-12.93	-13.0	74.31	184.00	Vertical	Horizontal	Pass
288.457	-83.09	-8.50	-13.0	70.09	1.00	Vertical	Horizontal	Pass
1414.900	-46.09	-2.77	-13.0	33.09	0.00	Vertical	Horizontal	Pass
2122.100	-56.10	-0.69	-13.0	43.10	288.00	Vertical	Horizontal	Pass
2829.600	-57.19	2.62	-13.0	44.19	0.00	Vertical	Horizontal	Pass
7950.750	-46.70	17.38	-13.0	33.70	227.00	Vertical	Horizontal	Pass

LTE NB-IoT Band 12 SCS: 3.75kHz Modulation QPSK, Middle Channel

RSE-H LTE NB-IoT Band 12 SCS: 3.75kHz Modulation QPSK 1#0 CH23095

RSE (RF) FCC PART22&24&27-RSE\_LTE\_B12 & B17 & B28\_699-748\_30MHz-10GHz\_

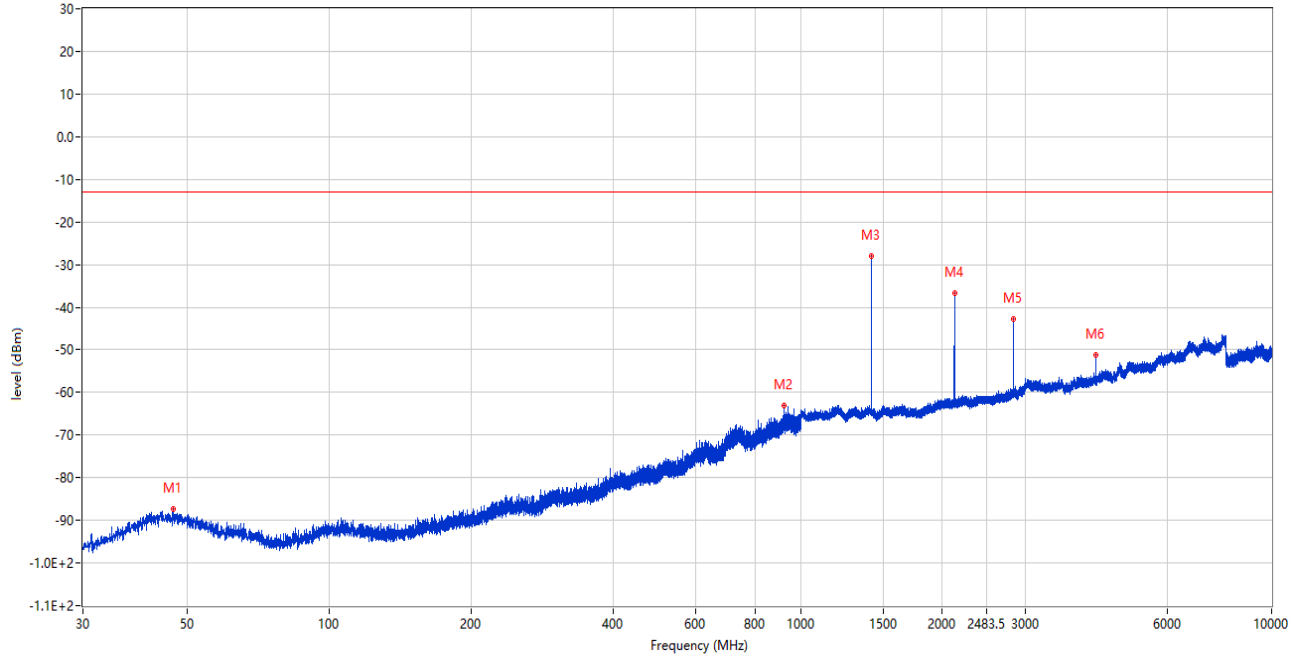


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
41.688	-87.39	-12.47	-13.0	74.39	360.00	Horizontal	Horizontal	Pass
317.217	-81.84	-8.05	-13.0	68.84	322.00	Horizontal	Horizontal	Pass
1414.800	-36.59	-2.76	-13.0	23.59	166.00	Horizontal	Horizontal	Pass
2122.400	-49.29	-0.68	-13.0	36.29	231.00	Horizontal	Horizontal	Pass
2829.400	-53.32	2.60	-13.0	40.32	270.00	Horizontal	Horizontal	Pass
5208.750	-51.72	10.23	-13.0	38.72	1.00	Horizontal	Horizontal	Pass

12.3 LTE NB-IoT Band 12 SCS: 15kHz, Modulation BPSK, Middle Channel

RSE-V LTE NB-IoT Band 12 SCS: 15kHz Modulation BPSK 1#0 CH23095

RSE (RF) FCC PART228&24&27-RSE\_LTE B12 & B17 & B28 \_699-748\_30MHz-10GHz\_



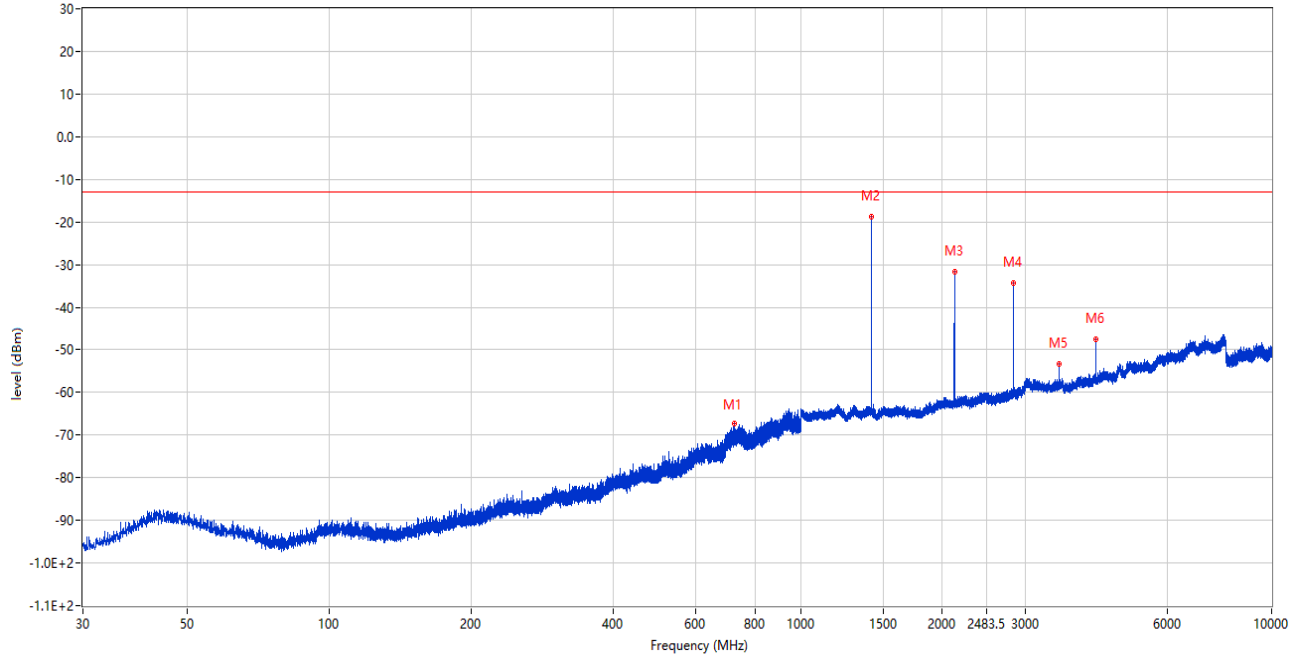
Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
46.636	-87.43	-12.38	-13.0	74.43	360.00	Vertical	Horizontal	Pass
922.933	-63.11	8.23	-13.0	50.11	90.00	Vertical	Horizontal	Pass
1415.000	-28.12	-2.77	-13.0	15.12	359.00	Vertical	Horizontal	Pass
2122.200	-36.74	-0.69	-13.0	23.74	282.00	Vertical	Horizontal	Pass
2829.800	-42.77	2.64	-13.0	29.77	359.00	Vertical	Horizontal	Pass
4244.500	-51.15	8.79	-13.0	38.15	84.00	Vertical	Horizontal	Pass



LTE NB-IoT Band 12 SCS: 15kHz Modulation BPSK, Middle Channel

RSE-H LTE NB-IoT Band 12 SCS: 15kHz Modulation BPSK 1#0 CH23095

RSE (RF) FCC PART228&24&27-RSE\_LTE B12 & B17 & B28 \_699-748\_30MHz-10GHz\_

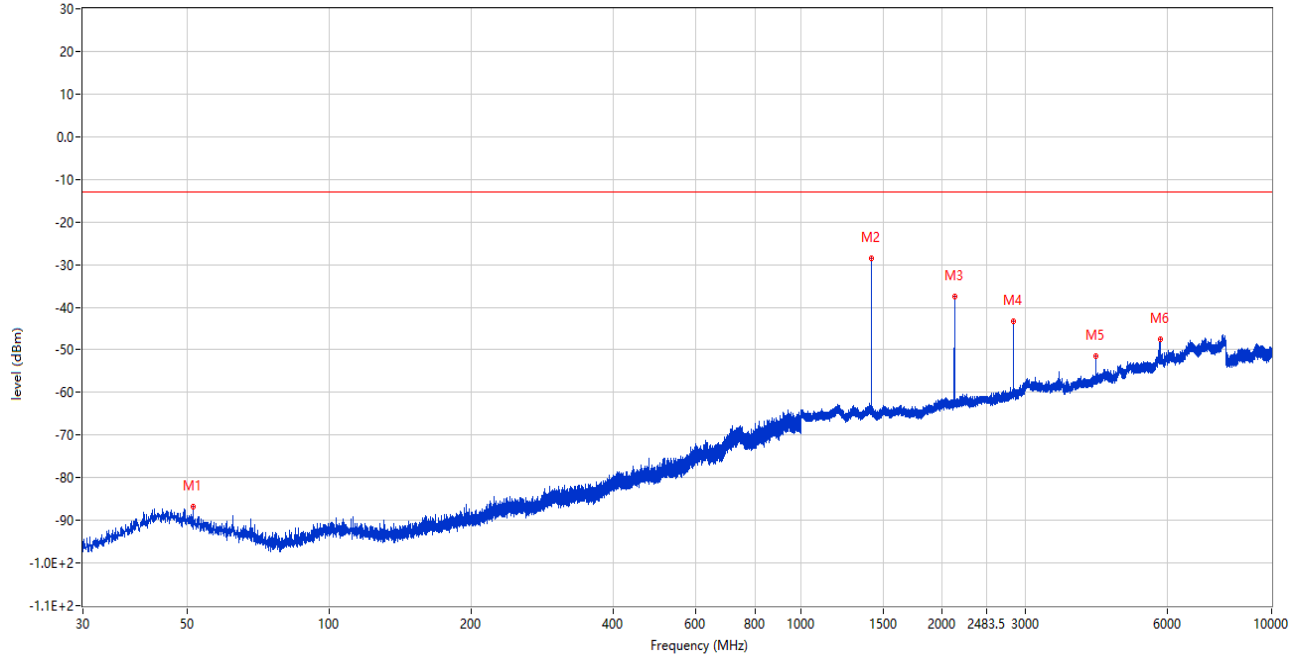


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
723.404	-67.18	4.83	-13.0	54.18	218.00	Horizontal	Horizontal	Pass
1414.800	-18.86	-2.76	-13.0	5.86	170.00	Horizontal	Horizontal	Pass
2122.300	-31.64	-0.68	-13.0	18.64	236.00	Horizontal	Horizontal	Pass
2829.600	-34.34	2.62	-13.0	21.34	274.00	Horizontal	Horizontal	Pass
3537.250	-53.31	6.21	-13.0	40.31	121.00	Horizontal	Horizontal	Pass
4244.750	-47.59	8.78	-13.0	34.59	148.00	Horizontal	Horizontal	Pass

12.4 LTE NB-IoT Band 12 SCS: 15kHz Modulation QPSK, Middle Channel

RSE-V LTE NB-IoT Band 12 SCS: 15kHz Modulation QPSK 1#0 CH23095

RSE (RF) FCC PART228&24&27-RSE\_LTE B12 & B17 & B28 \_699-748\_30MHz-10GHz\_

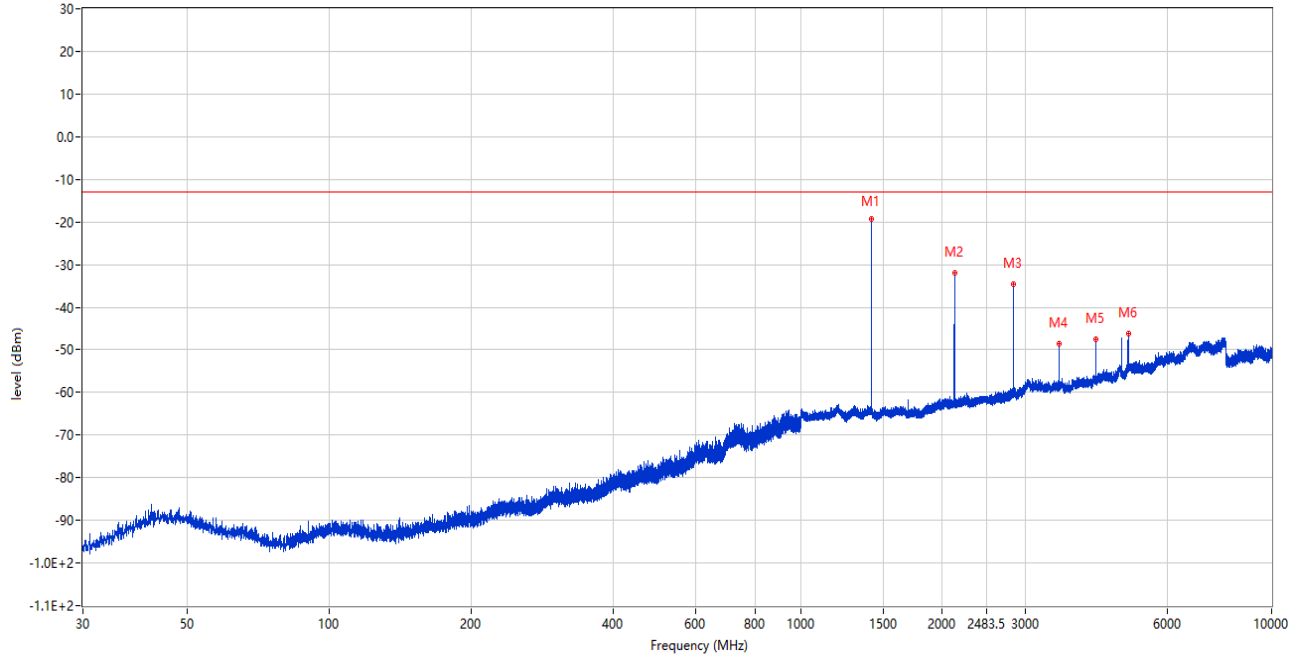


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
51.437	-86.88	-13.43	-13.0	73.88	1.00	Vertical	Horizontal	Pass
1414.800	-28.56	-2.76	-13.0	15.56	359.00	Vertical	Horizontal	Pass
2122.200	-37.38	-0.69	-13.0	24.38	295.00	Vertical	Horizontal	Pass
2829.600	-43.28	2.62	-13.0	30.28	359.00	Vertical	Horizontal	Pass
4244.500	-51.36	8.79	-13.0	38.36	84.00	Vertical	Horizontal	Pass
5809.750	-47.55	12.35	-13.0	34.55	303.00	Vertical	Horizontal	Pass

LTE NB-IoT Band 12 SCS: 15kHz Modulation QPSK, Middle Channel

RSE-H LTE NB-IoT Band 12 SCS: 15kHz Modulation QPSK 1#0 CH23095

RSE (RF) FCC PART228&24&27-RSE\_LTE B12 & B17 & B28\_699-748\_30MHz-10GHz\_

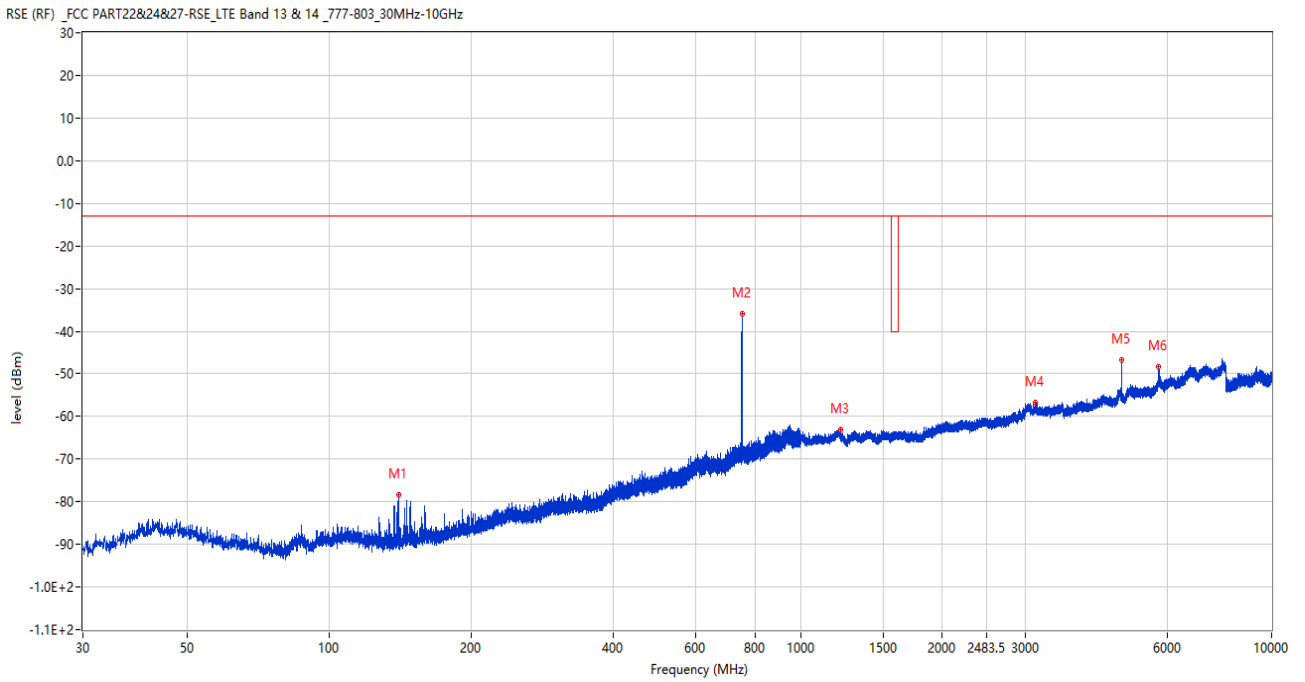


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
1414.800	-19.31	-2.76	-13.0	6.31	161.00	Horizontal	Horizontal	Pass
2122.300	-32.01	-0.68	-13.0	19.01	233.00	Horizontal	Horizontal	Pass
2829.700	-34.47	2.63	-13.0	21.47	271.00	Horizontal	Horizontal	Pass
3537.250	-48.61	6.21	-13.0	35.61	290.00	Horizontal	Horizontal	Pass
4244.500	-47.53	8.79	-13.0	34.53	150.00	Horizontal	Horizontal	Pass
4960.250	-46.17	11.06	-13.0	33.17	360.00	Horizontal	Horizontal	Pass

13 LTE NB-IoT Band 13

13.1 LTE NB-IoT Band 13 SCS: 3.75kHz, Modulation BPSK, Middle Channel

RSE-V LTE NB-IoT Band 13 SCS: 3.75kHz Modulation BPSK 1#0 CH23230

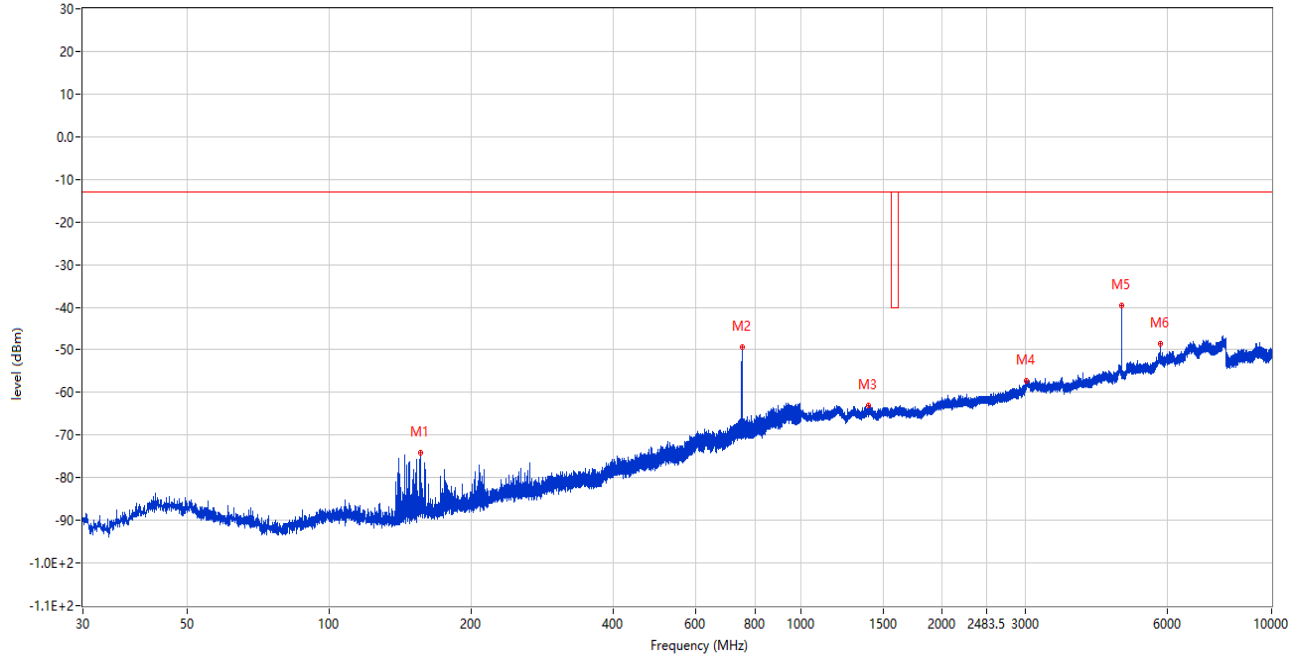


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
140.580	-78.46	-16.25	-13.0	65.46	210.00	Vertical	Horizontal	Pass
751.001	-35.95	3.98	-13.0	22.95	180.00	Vertical	Horizontal	N/A
1215.300	-63.19	-2.54	-13.0	50.19	0.00	Vertical	Horizontal	Pass
3154.250	-56.85	5.82	-13.0	43.85	360.00	Vertical	Horizontal	Pass
4804.000	-46.70	10.66	-13.0	33.70	360.00	Vertical	Horizontal	Pass
5763.750	-48.22	12.19	-13.0	35.22	342.00	Vertical	Horizontal	Pass

LTE NB-IoT Band 13 SCS: 3.75kHz Modulation BPSK, Middle Channel

RSE-H LTE NB-IoT Band 13 SCS: 3.75kHz Modulation BPSK 1#0 CH23230

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

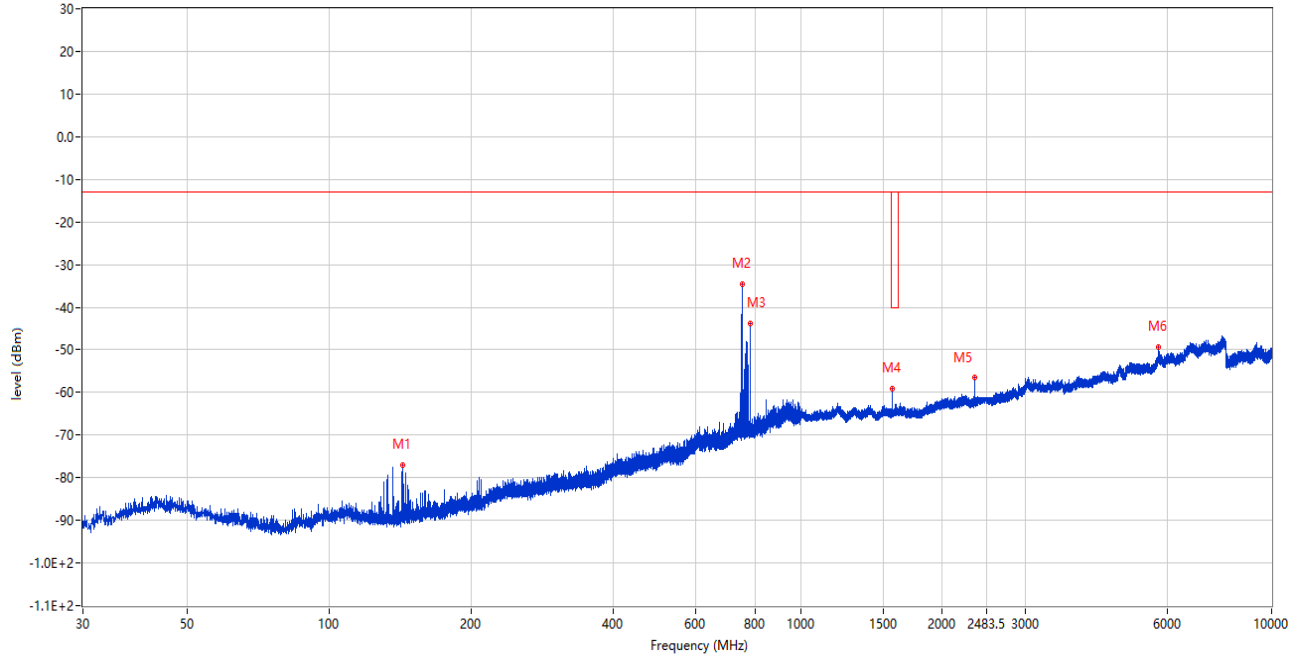


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
156.585	-74.16	-14.93	-13.0	61.16	239.00	Horizontal	Horizontal	Pass
751.001	-49.31	3.98	-13.0	36.31	93.00	Horizontal	Horizontal	N/A
1394.300	-62.99	-2.52	-13.0	49.99	313.00	Horizontal	Horizontal	Pass
3012.750	-57.24	4.89	-13.0	44.24	360.00	Horizontal	Horizontal	Pass
4803.750	-39.73	10.66	-13.0	26.73	1.00	Horizontal	Horizontal	Pass
5804.250	-48.46	12.38	-13.0	35.46	72.00	Horizontal	Horizontal	Pass

### 13.2 LTE NB-IoT Band 13 SCS: 3.75kHz Modulation QPSK, Middle Channel

#### RSE-V LTE NB-IoT Band 13 SCS: 3.75kHz Modulation QPSK 1#0 CH23230

RSE (RF) FCC PART228&24&27-RSE\_LTE Band 13 & 14\_777-803\_30MHz-10GHz

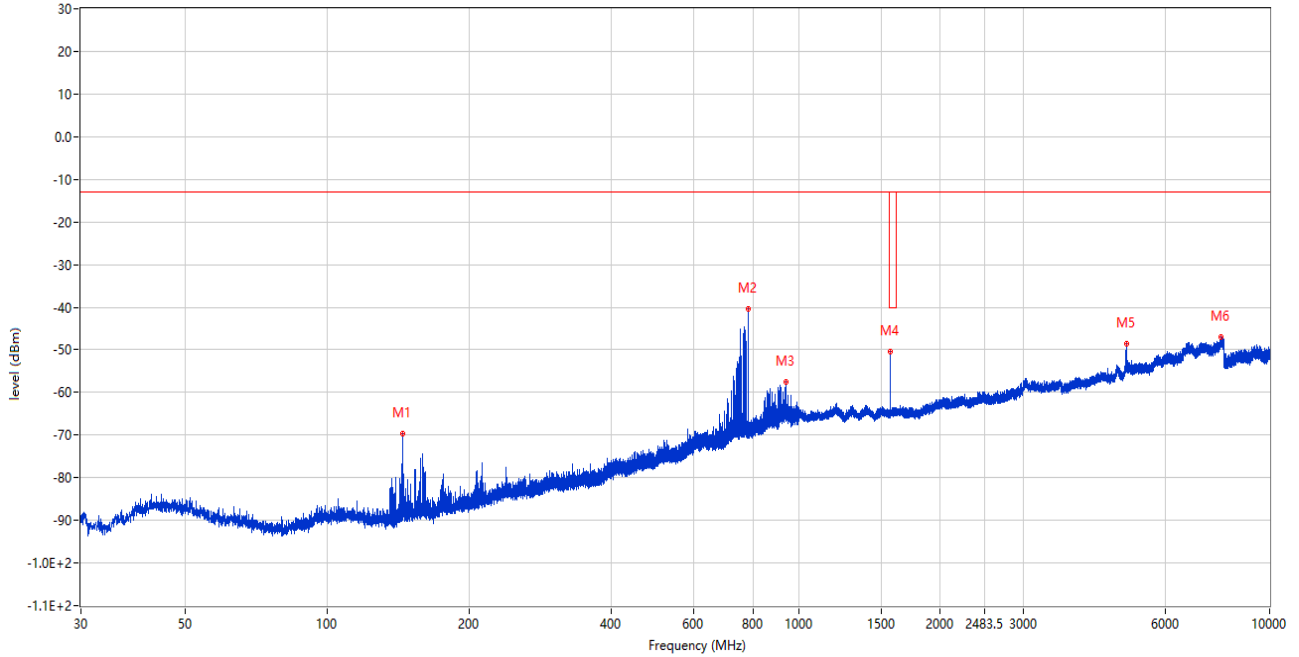


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
143.248	-77.01	-16.03	-13.0	64.01	351.00	Vertical	Horizontal	Pass
750.953	-34.68	3.97	-13.0	21.68	327.00	Vertical	Horizontal	N/A
781.895	-43.83	4.36	-13.0	30.83	223.00	Vertical	Horizontal	N/A
1563.700	-59.00	-3.14	-40.0	19.00	341.00	Vertical	Horizontal	Pass
2345.700	-56.51	0.33	-13.0	43.51	257.00	Vertical	Horizontal	Pass
5751.500	-49.35	12.00	-13.0	36.35	360.00	Vertical	Horizontal	Pass

LTE NB-IoT Band 13 SCS: 3.75kHz Modulation QPSK, Middle Channel

RSE-H LTE NB-IoT Band 13 SCS: 3.75kHz Modulation QPSK 1#0 CH23230

RSE (RF) FCC PART228&24&27-RSE\_LTE Band 13 & 14\_777-803\_30MHz-10GHz

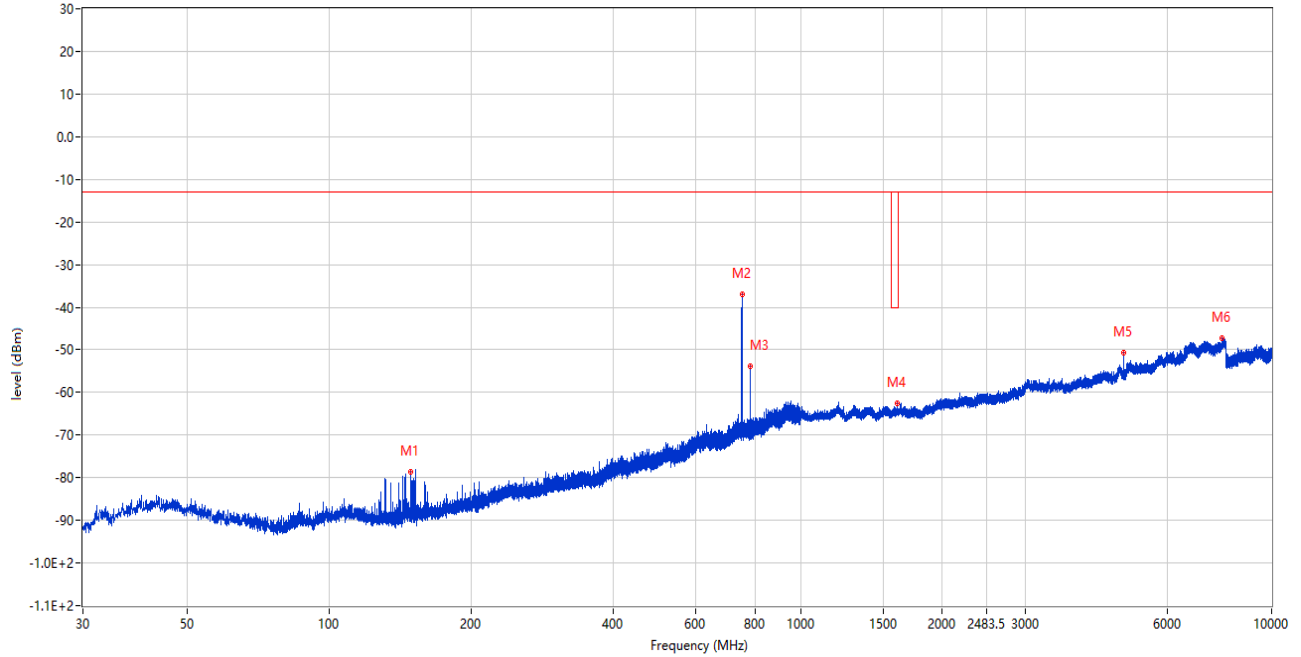


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
144.848	-69.69	-15.89	-13.0	56.69	296.00	Horizontal	Horizontal	Pass
781.895	-40.47	4.36	-13.0	27.47	302.00	Horizontal	Horizontal	N/A
941.994	-57.47	8.31	-13.0	44.47	144.00	Horizontal	Horizontal	Pass
1563.900	-50.42	-3.14	-40.0	10.42	192.00	Horizontal	Horizontal	Pass
4959.750	-48.44	11.08	-13.0	35.44	352.00	Horizontal	Horizontal	Pass
7896.250	-46.96	16.79	-13.0	33.96	160.00	Horizontal	Horizontal	Pass

13.3 LTE NB-IoT Band 13 SCS: 15kHz, Modulation BPSK, Middle Channel

RSE-V LTE NB-IoT Band 13 SCS: 15kHz Modulation BPSK 1#0 CH23230

RSE (RF) FCC PART228&24&27-RSE\_LTE Band 13 & 14 \_777-803\_30MHz-10GHz



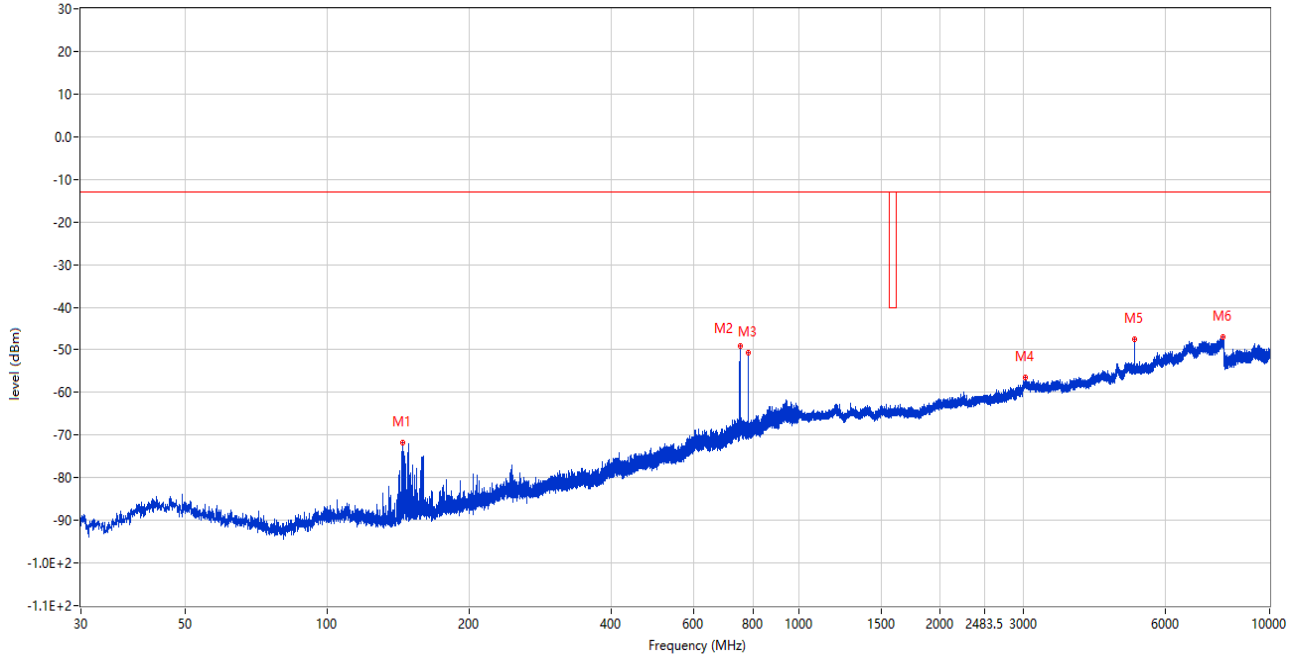
Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
148.631	-78.65	-15.56	-13.0	65.65	334.00	Vertical	Horizontal	Pass
751.001	-36.89	3.98	-13.0	23.89	237.00	Vertical	Horizontal	N/A
781.895	-53.76	4.36	-13.0	40.76	200.00	Vertical	Horizontal	N/A
1606.400	-62.62	-2.82	-40.0	22.62	127.00	Vertical	Horizontal	Pass
4851.750	-50.79	10.29	-13.0	37.79	1.00	Vertical	Horizontal	Pass
7851.500	-47.31	16.84	-13.0	34.31	316.00	Vertical	Horizontal	Pass



LTE NB-IoT Band 13 SCS: 15kHz Modulation BPSK, Middle Channel

RSE-H LTE NB-IoT Band 13 SCS: 15kHz Modulation BPSK 1#0 CH23230

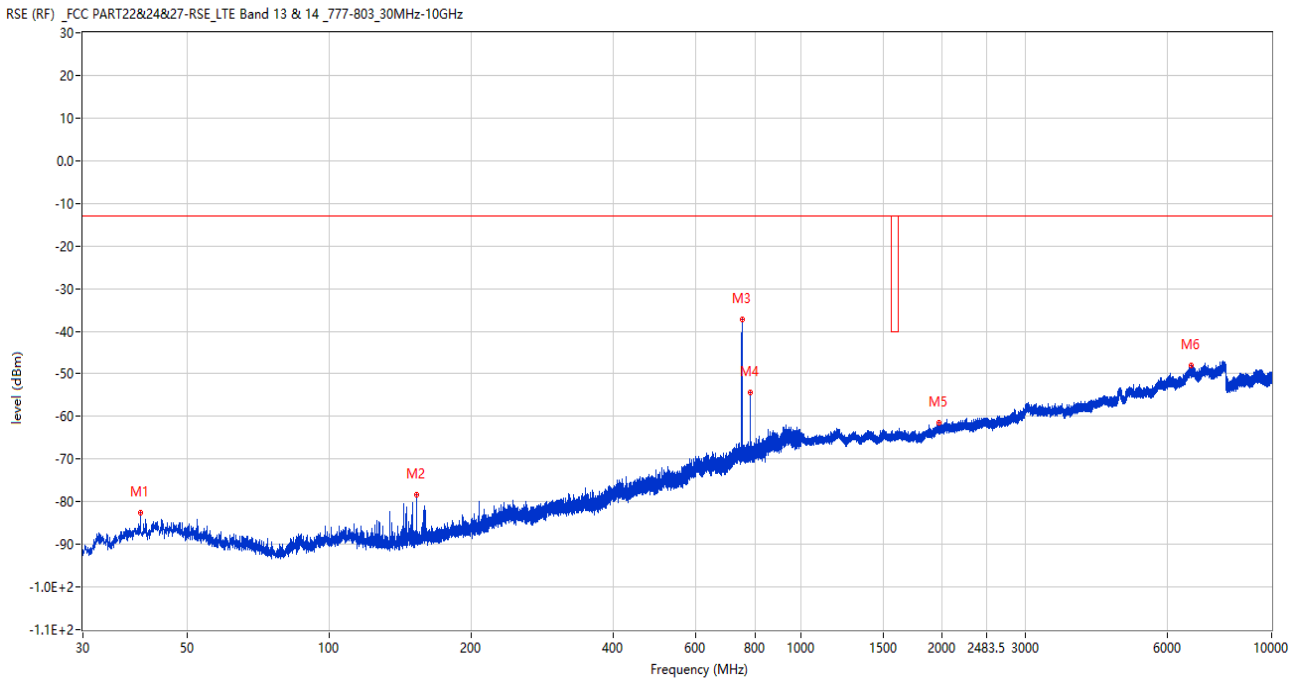
RSE (RF) FCC PART22&24&27-RSE\_LTE Band 13 & 14 \_777-803\_30MHz-10GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
144.702	-71.74	-15.90	-13.0	58.74	288.00	Horizontal	Horizontal	Pass
750.953	-49.08	3.97	-13.0	36.08	117.00	Horizontal	Horizontal	N/A
781.895	-50.70	4.36	-13.0	37.70	222.00	Horizontal	Horizontal	N/A
3035.500	-56.60	5.15	-13.0	43.60	252.00	Horizontal	Horizontal	Pass
5171.750	-47.50	10.35	-13.0	34.50	21.00	Horizontal	Horizontal	Pass
7953.750	-46.99	17.48	-13.0	33.99	21.00	Horizontal	Horizontal	Pass

13.4 LTE NB-IoT Band 13 SCS: 15kHz Modulation QPSK, Middle Channel

RSE-V LTE NB-IoT Band 13 SCS: 15kHz Modulation QPSK 1#0 CH23230

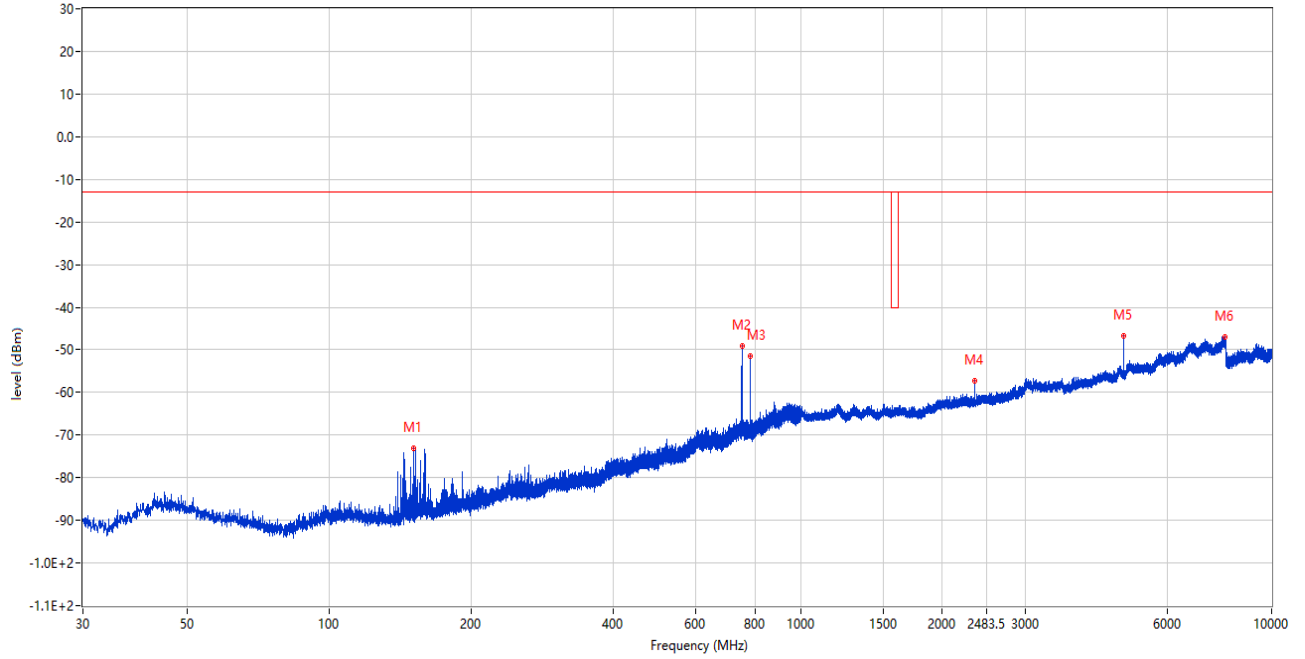


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
39.797	-82.60	-13.66	-13.0	69.60	360.00	Vertical	Horizontal	Pass
153.044	-78.26	-15.24	-13.0	65.26	351.00	Vertical	Horizontal	Pass
751.001	-37.22	3.98	-13.0	24.22	335.00	Vertical	Horizontal	N/A
781.895	-54.32	4.36	-13.0	41.32	194.00	Vertical	Horizontal	N/A
1963.900	-61.45	-1.55	-13.0	48.45	0.00	Vertical	Horizontal	Pass
6754.500	-48.05	14.96	-13.0	35.05	60.00	Vertical	Horizontal	Pass

LTE NB-IoT Band 13 SCS: 15kHz Modulation QPSK, Middle Channel

RSE-H LTE NB-IoT Band 13 SCS: 15kHz Modulation QPSK 1#0 CH23230

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



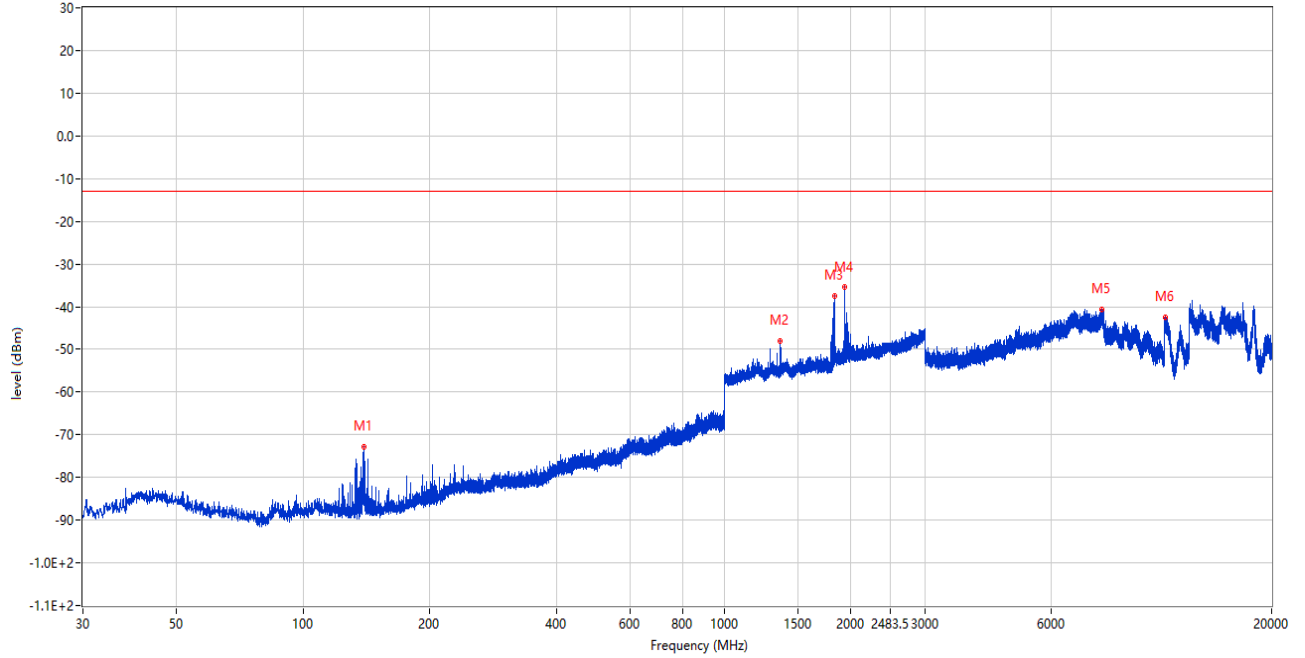
Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
150.668	-72.98	-15.41	-13.0	59.98	193.00	Horizontal	Horizontal	Pass
750.953	-49.17	3.97	-13.0	36.17	351.00	Horizontal	Horizontal	N/A
781.895	-51.34	4.36	-13.0	38.34	218.00	Horizontal	Horizontal	N/A
2345.700	-57.25	0.33	-13.0	44.25	306.00	Horizontal	Horizontal	Pass
4852.250	-46.66	10.29	-13.0	33.66	316.00	Horizontal	Horizontal	Pass
7955.750	-46.94	17.54	-13.0	33.94	175.00	Horizontal	Horizontal	Pass

14 LTE NB-IoT Band 25

14.1 LTE NB-IoT Band 25 SCS: 3.75kHz, Modulation BPSK, Middle Channel

RSE-V LTE NB-IoT Band 25 SCS: 3.75kHz Modulation BPSK 1#0 CH26365

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

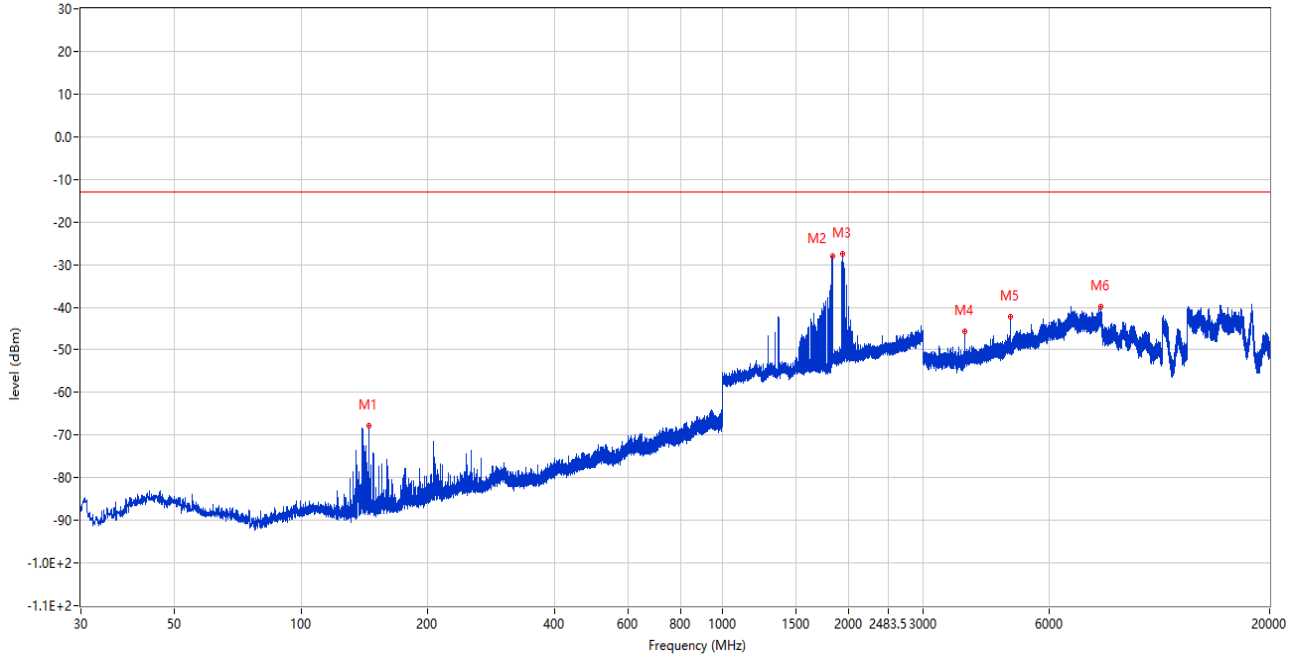


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
139.901	-72.91	-17.89	-13.0	59.91	243.00	Vertical	Horizontal	Pass
1362.400	-48.11	-0.22	-13.0	35.11	230.00	Vertical	Horizontal	Pass
1830.500	-37.60	2.73	-13.0	24.60	230.00	Vertical	Horizontal	Pass
1933.500	-35.40	3.25	-13.0	22.40	253.00	Vertical	Horizontal	Pass
7884.750	-40.55	16.64	-13.0	27.55	7.00	Vertical	Horizontal	Pass
11171.812	-42.57	16.85	-13.0	29.57	175.00	Vertical	Horizontal	Pass

LTE NB-IoT Band 25 SCS: 3.75kHz Modulation BPSK, Middle Channel

RSE-H LTE NB-IoT Band 25 SCS: 3.75kHz Modulation BPSK 1#0 CH26365

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

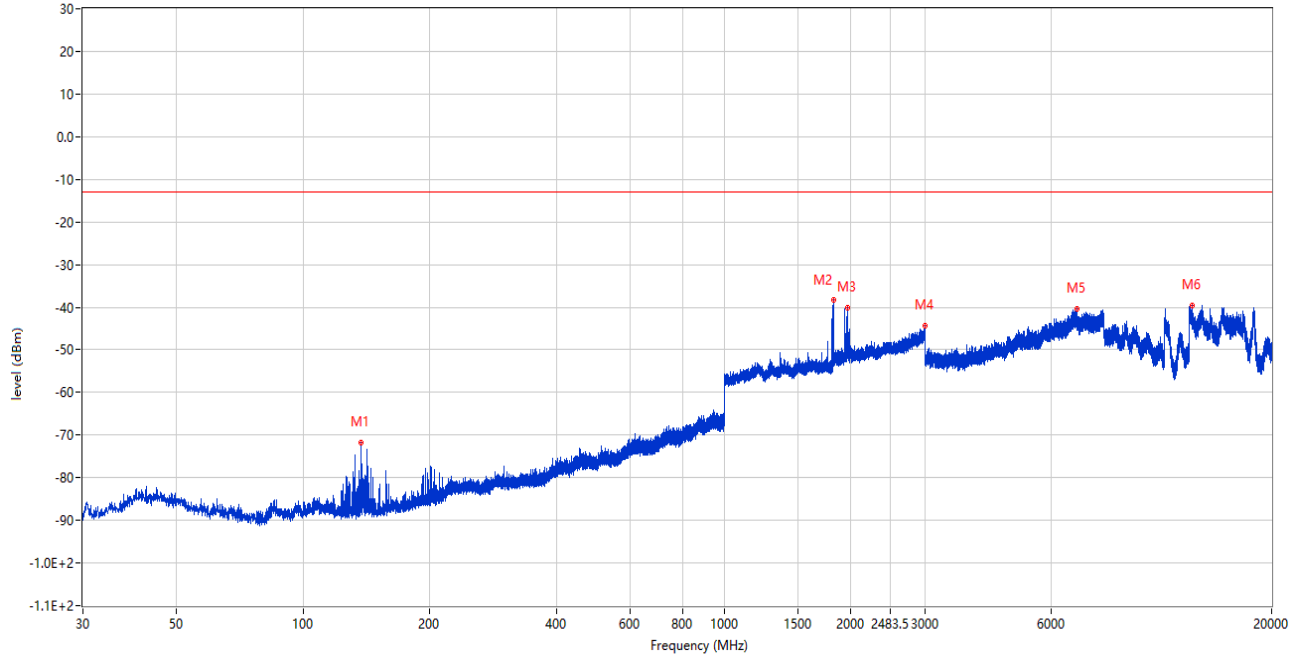


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
144.654	-67.78	-17.55	-13.0	54.78	304.00	Horizontal	Horizontal	Pass
1827.400	-27.92	1.89	-13.0	14.92	317.00	Horizontal	Horizontal	Pass
1933.300	-27.54	3.25	-13.0	14.54	350.00	Horizontal	Horizontal	Pass
3764.500	-45.71	6.97	-13.0	32.71	99.00	Horizontal	Horizontal	Pass
4852.500	-42.13	10.28	-13.0	29.13	0.00	Horizontal	Horizontal	Pass
7937.000	-39.75	17.14	-13.0	26.75	87.00	Horizontal	Horizontal	Pass

14.2 LTE NB-IoT Band 25 SCS: 3.75kHz Modulation QPSK, Middle Channel

RSE-V LTE NB-IoT Band 25 SCS: 3.75kHz Modulation QPSK 1#0 CH26365

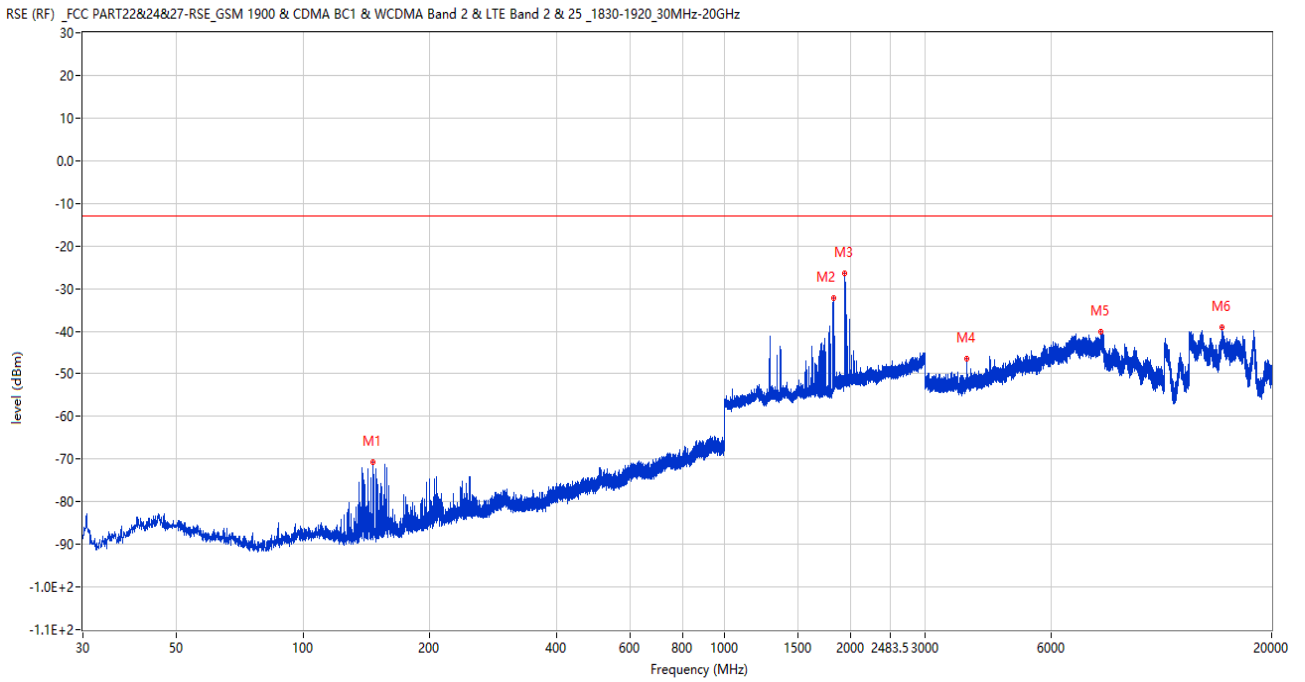
RSE (RF) FCC PART228&24&27-RSE\_GSM 1900 & CDMA BC1 & WCDMA Band 2 & LTE Band 2 & 25\_1830-1920\_30MHz-20GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
137.185	-71.67	-17.79	-13.0	58.67	360.00	Vertical	Horizontal	Pass
1820.800	-38.25	1.73	-13.0	25.25	325.00	Vertical	Horizontal	Pass
1968.500	-40.14	4.26	-13.0	27.14	247.00	Vertical	Horizontal	Pass
2999.800	-44.27	10.39	-13.0	31.27	53.00	Vertical	Horizontal	Pass
6881.500	-40.47	14.30	-13.0	27.47	291.00	Vertical	Horizontal	Pass
12917.474	-39.67	18.92	-13.0	26.67	0.00	Vertical	Horizontal	Pass

LTE NB-IoT Band 25 SCS: 3.75kHz Modulation QPSK, Middle Channel

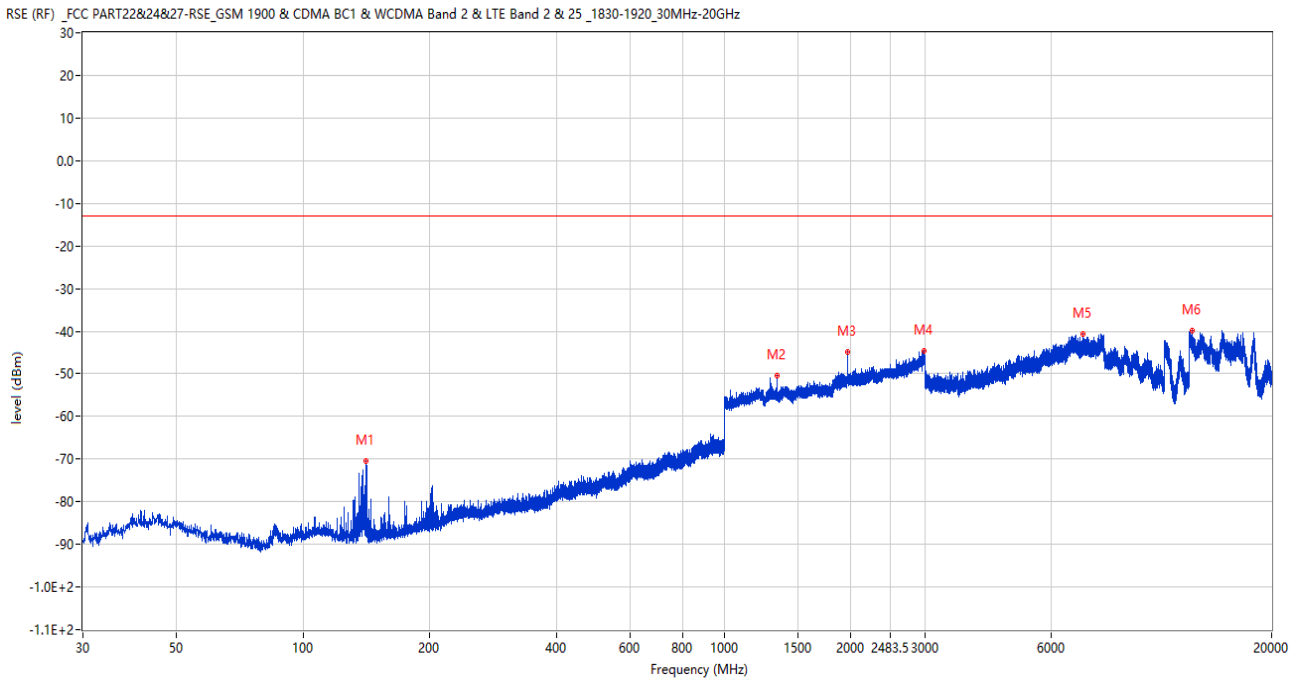
RSE-H LTE NB-IoT Band 25 SCS: 3.75kHz Modulation QPSK 1#0 CH26365



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
146.691	-70.62	-17.39	-13.0	57.62	185.00	Horizontal	Horizontal	Pass
1819.600	-32.12	1.71	-13.0	19.12	360.00	Horizontal	Horizontal	Pass
1932.900	-26.31	3.28	-13.0	13.31	344.00	Horizontal	Horizontal	Pass
3764.750	-46.38	6.97	-13.0	33.38	45.00	Horizontal	Horizontal	Pass
7878.000	-40.09	16.75	-13.0	27.09	121.00	Horizontal	Horizontal	Pass
15253.425	-39.19	20.86	-13.0	26.19	44.00	Horizontal	Horizontal	Pass

14.3 LTE NB-IoT Band 25 SCS: 15kHz, Modulation BPSK, Middle Channel

RSE-V LTE NB-IoT Band 25 SCS: 15kHz Modulation BPSK 1#0 CH26365

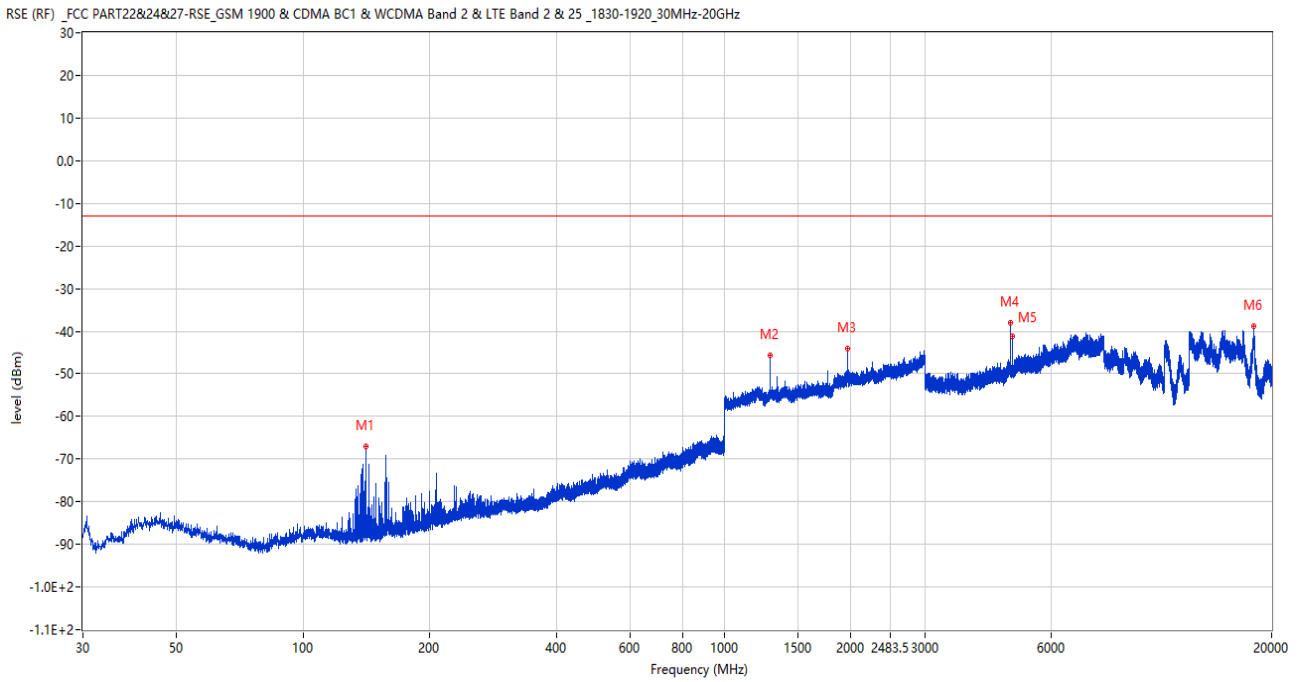


Frequency (MHz)	Result (dBm)		Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
141.210	-70.56	-17.80	-13.0	57.56	230.00	Vertical	Horizontal	Pass
1338.800	-50.53	-0.40	-13.0	37.53	235.00	Vertical	Horizontal	Pass
1962.300	-44.94	3.12	-13.0	31.94	242.00	Vertical	Horizontal	Pass
2992.100	-44.67	10.51	-13.0	31.67	1.00	Vertical	Horizontal	Pass
7123.750	-40.56	15.36	-13.0	27.56	339.00	Vertical	Horizontal	Pass
12928.349	-39.88	19.07	-13.0	26.88	4.00	Vertical	Horizontal	Pass



LTE NB-IoT Band 25 SCS: 15kHz Modulation BPSK, Middle Channel

RSE-H LTE NB-IoT Band 25 SCS: 15kHz Modulation BPSK 1#0 CH26365

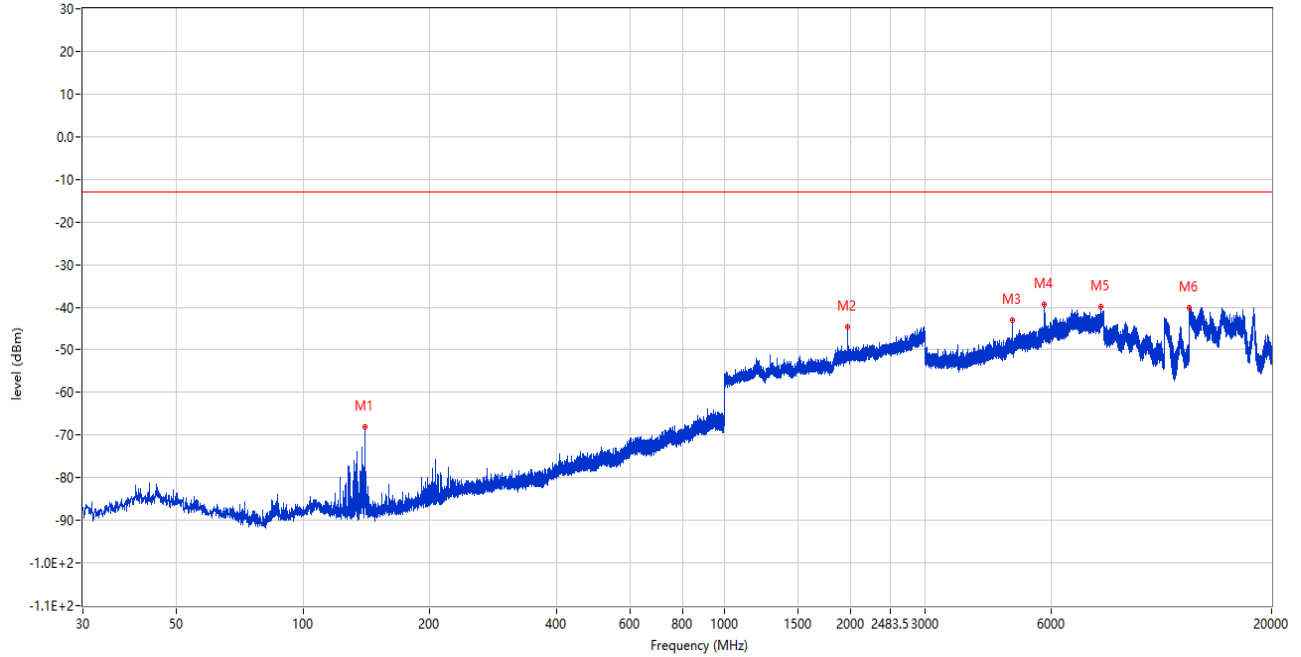


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
141.162	-67.02	-17.80	-13.0	54.02	308.00	Horizontal	Horizontal	Pass
1284.500	-45.59	0.01	-13.0	32.59	268.00	Horizontal	Horizontal	Pass
1962.600	-44.20	3.15	-13.0	31.20	28.00	Horizontal	Horizontal	Pass
4804.500	-38.07	10.68	-13.0	25.07	360.00	Horizontal	Horizontal	Pass
4851.250	-41.12	10.27	-13.0	28.12	109.00	Horizontal	Horizontal	Pass
18160.312	-38.90	23.43	-13.0	25.90	166.00	Horizontal	Horizontal	Pass

14.4 LTE NB-IoT Band 25 SCS: 15kHz Modulation QPSK, Middle Channel

RSE-V LTE NB-IoT Band 25 SCS: 15kHz Modulation QPSK 1#0 CH26365

RSE (RF) FCC PART228&24&27-RSE\_GSM 1900 & CDMA BC1 & WCDMA Band 2 & LTE Band 2 & 25\_1830-1920\_30MHz-20GHz

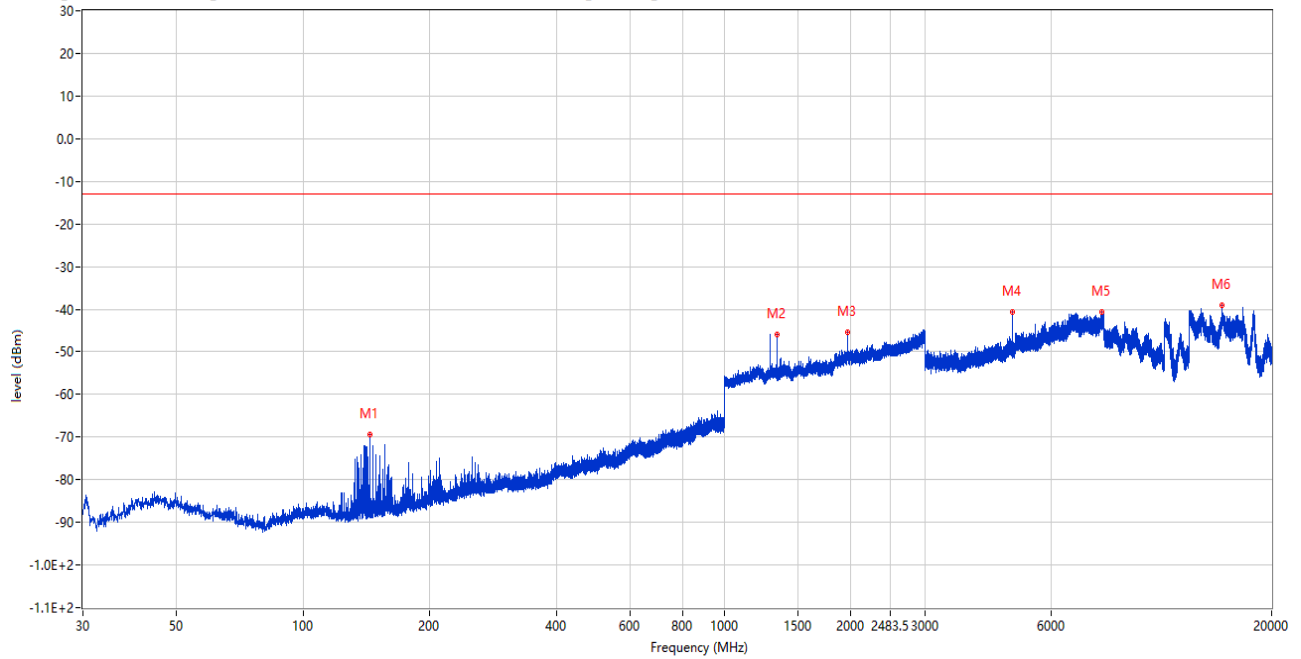


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
140.095	-68.10	-17.88	-13.0	55.10	271.00	Vertical	Horizontal	Pass
1962.600	-44.51	3.15	-13.0	31.51	5.00	Vertical	Horizontal	Pass
4851.500	-42.96	10.28	-13.0	29.96	136.00	Vertical	Horizontal	Pass
5766.750	-39.42	12.26	-13.0	26.42	290.00	Vertical	Horizontal	Pass
7860.750	-39.94	17.03	-13.0	26.94	0.00	Vertical	Horizontal	Pass
12764.862	-40.01	19.04	-13.0	27.01	254.00	Vertical	Horizontal	Pass

LTE NB-IoT Band 25 SCS: 15kHz Modulation QPSK, Middle Channel

RSE-H LTE NB-IoT Band 25 SCS: 15kHz Modulation QPSK 1#0 CH26365

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

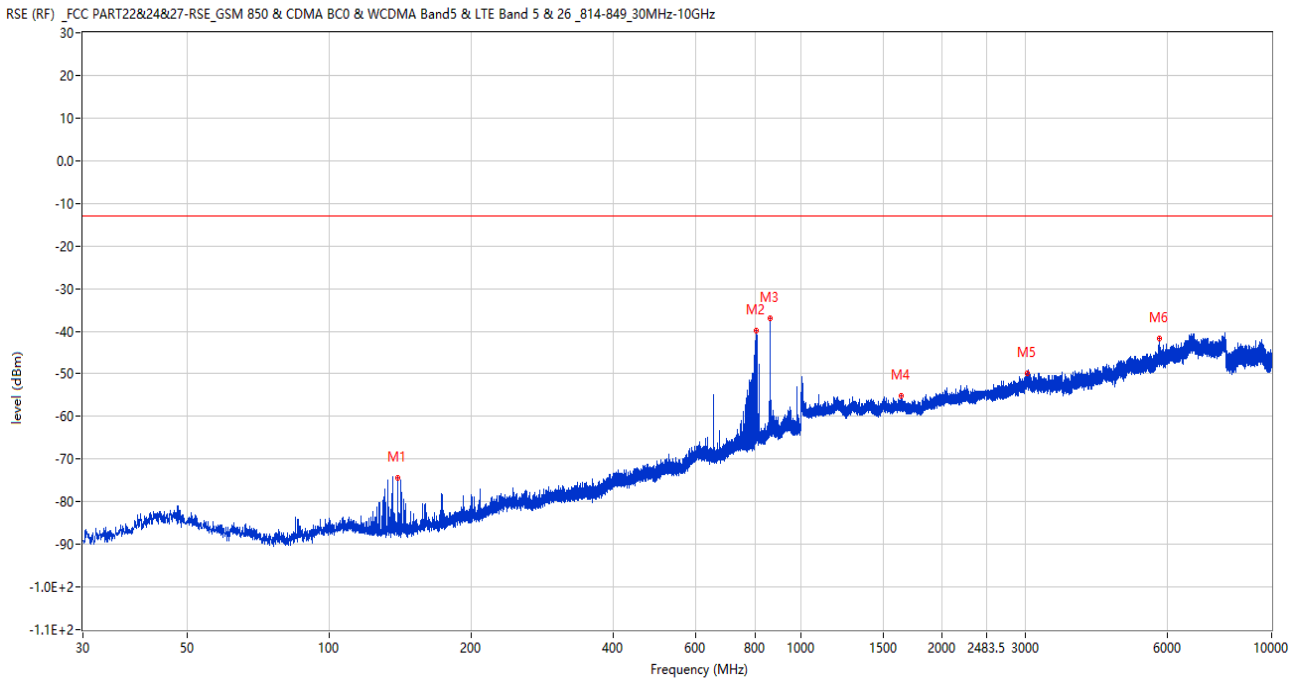


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
143.926	-69.29	-17.60	-13.0	56.29	144.00	Horizontal	Horizontal	Pass
1339.000	-45.81	-0.40	-13.0	32.81	209.00	Horizontal	Horizontal	Pass
1962.500	-45.45	3.14	-13.0	32.45	286.00	Horizontal	Horizontal	Pass
4851.250	-40.67	10.27	-13.0	27.67	0.00	Horizontal	Horizontal	Pass
7901.000	-40.77	16.83	-13.0	27.77	323.00	Horizontal	Horizontal	Pass
15253.425	-39.09	20.86	-13.0	26.09	173.00	Horizontal	Horizontal	Pass

15 LTE NB-IoT Band 26(814-824MHz)

15.1 LTE NB-IoT Band 26(814-824MHz) SCS: 3.75kHz, Modulation BPSK, Middle Channel

RSE-V LTE NB-IoT Band 26(814-824MHz) SCS: 3.75kHz Modulation BPSK 1#0 CH26740

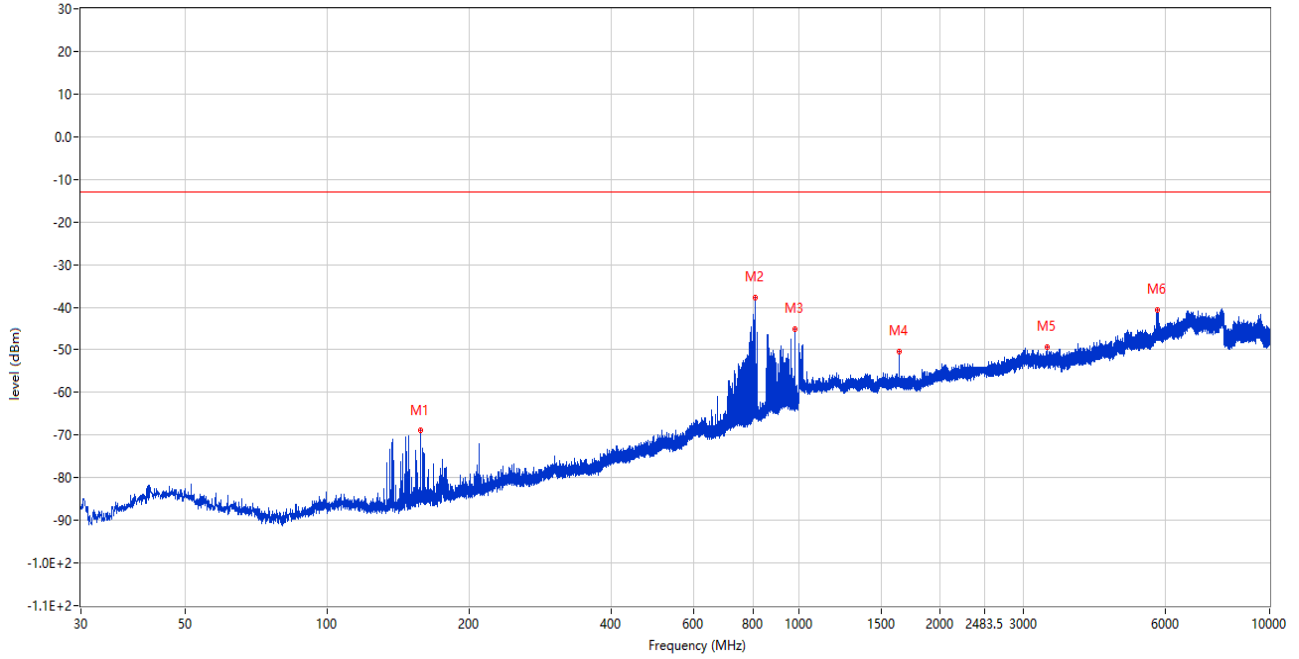


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
139.658	-74.39	-16.28	-13.0	61.39	265.00	Vertical	Horizontal	Pass
807.358	-39.85	5.50	-13.0	26.85	252.00	Vertical	Horizontal	N/A
863.958	-36.93	6.66	-13.0	23.93	314.00	Vertical	Horizontal	N/A
1637.900	-55.10	-2.84	-13.0	42.10	23.00	Vertical	Horizontal	Pass
3034.000	-49.77	5.23	-13.0	36.77	306.00	Vertical	Horizontal	Pass
5769.000	-41.68	12.27	-13.0	28.68	178.00	Vertical	Horizontal	Pass

LTE NB-IoT Band 26(814-824MHz) SCS: 3.75kHz Modulation BPSK, Middle Channel

RSE-H LTE NB-IoT Band 26(814-824MHz) SCS: 3.75kHz Modulation BPSK 1#0 CH26740

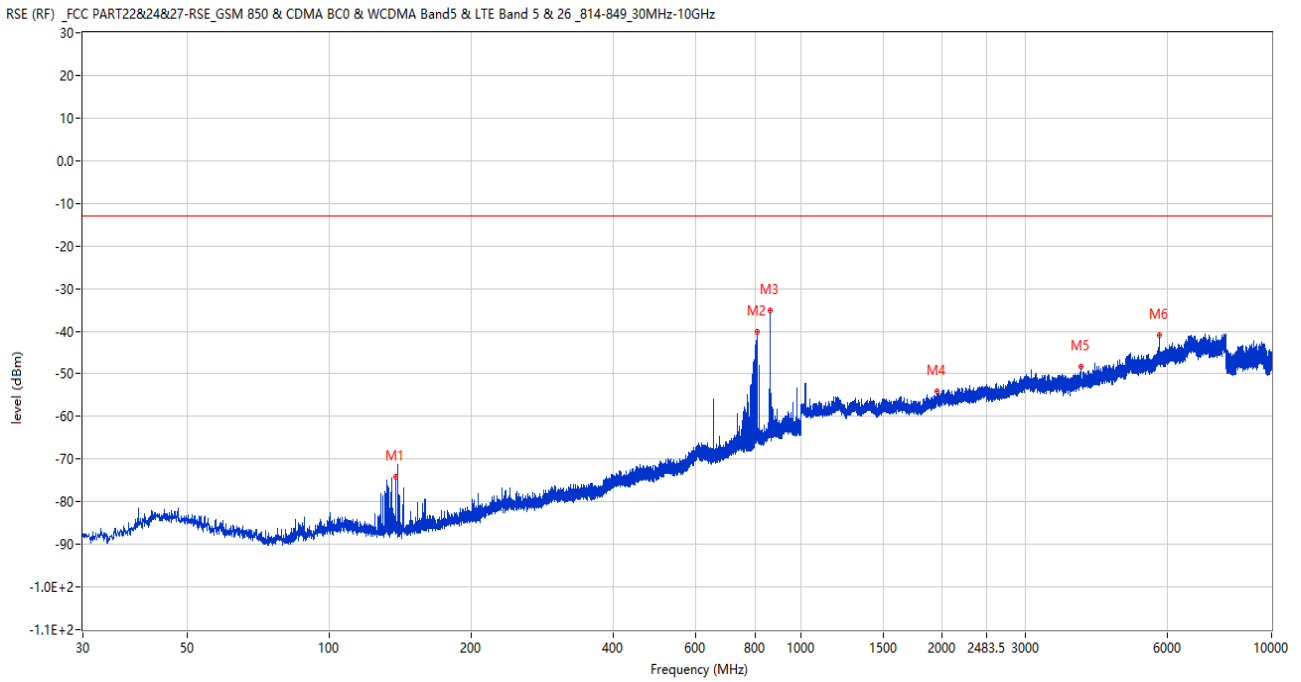
RSE (RF) FCC PART22&24&27-RSE\_GSM 850 & CDMA BC0 & WCDMA Band5 & LTE Band 5 & 26\_814-849\_30MHz-10GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
157.894	-69.00	-14.79	-13.0	56.00	94.00	Horizontal	Horizontal	Pass
809.735	-37.64	5.58	-13.0	24.64	314.00	Horizontal	Horizontal	N/A
982.782	-45.18	7.90	-13.0	32.18	320.00	Horizontal	Horizontal	Pass
1637.700	-50.40	-2.84	-13.0	37.40	174.00	Horizontal	Horizontal	Pass
3365.000	-49.33	6.13	-13.0	36.33	137.00	Horizontal	Horizontal	Pass
5765.250	-40.67	12.23	-13.0	27.67	202.00	Horizontal	Horizontal	Pass

15.2 LTE NB-IoT Band 26(814-824MHz) SCS: 3.75kHz Modulation QPSK, Middle Channel

RSE-V LTE NB-IoT Band 26(814-824MHz) SCS: 3.75kHz Modulation QPSK 1#0 CH26740

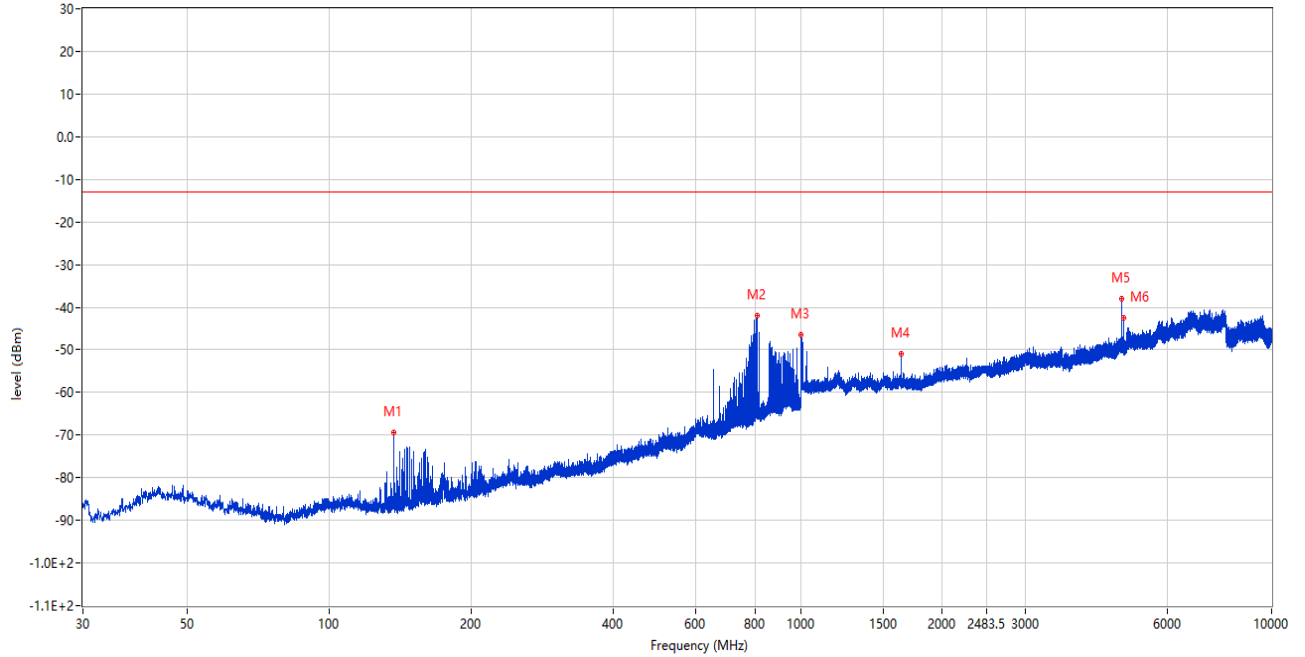


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
138.495	-74.18	-16.27	-13.0	61.18	279.00	Vertical	Horizontal	Pass
809.831	-40.11	5.58	-13.0	27.11	218.00	Vertical	Horizontal	N/A
864.006	-35.04	6.67	-13.0	22.04	360.00	Vertical	Horizontal	N/A
1952.000	-54.12	-1.33	-13.0	41.12	293.00	Vertical	Horizontal	Pass
3945.750	-48.19	7.84	-13.0	35.19	188.00	Vertical	Horizontal	Pass
5770.000	-41.03	12.28	-13.0	28.03	162.00	Vertical	Horizontal	Pass

LTE NB-IoT Band 26(814-824MHz) SCS: 3.75kHz Modulation QPSK, Middle Channel

RSE-H LTE NB-IoT Band 26(814-824MHz) SCS: 3.75kHz Modulation QPSK 1#0 CH26740

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

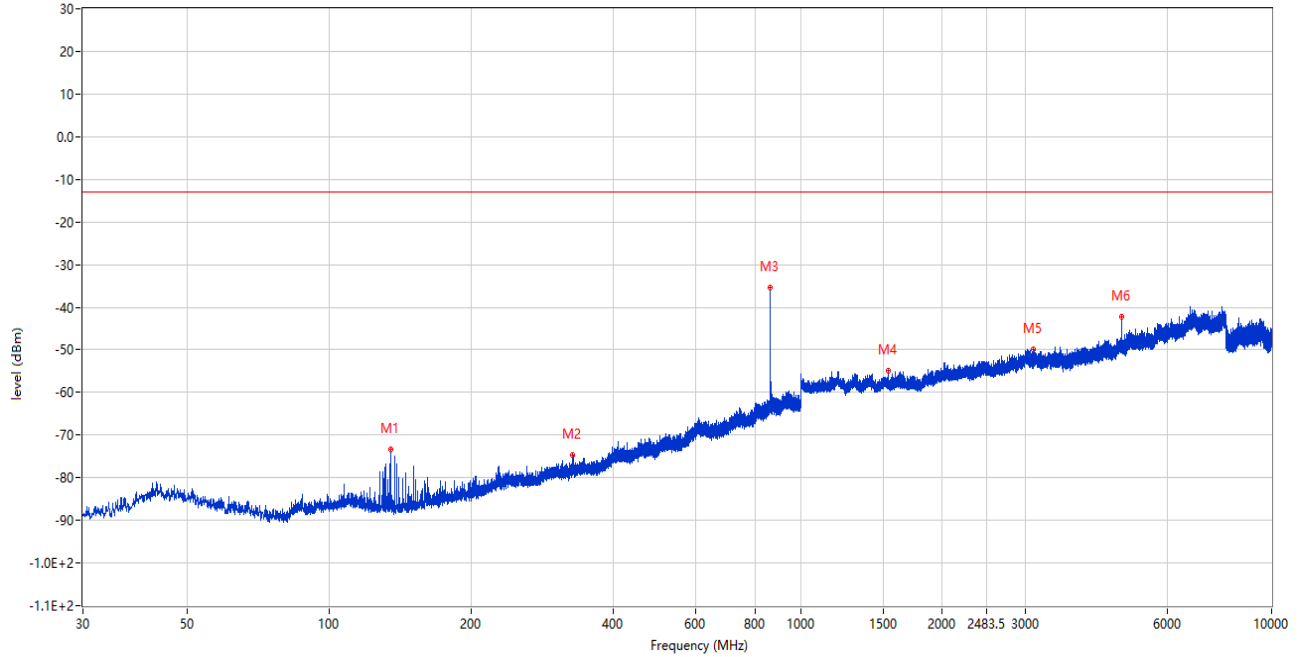


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
137.282	-69.48	-16.22	-13.0	56.48	345.00	Horizontal	Horizontal	Pass
807.989	-41.93	5.52	-13.0	28.93	146.00	Horizontal	Horizontal	N/A
1001.100	-46.37	-2.06	-13.0	33.37	150.00	Horizontal	Horizontal	Pass
1637.800	-50.95	-2.84	-13.0	37.95	197.00	Horizontal	Horizontal	Pass
4804.500	-38.06	10.68	-13.0	25.06	360.00	Horizontal	Horizontal	Pass
4851.750	-42.57	10.29	-13.0	29.57	72.00	Horizontal	Horizontal	Pass

15.3 LTE NB-IoT Band 26(814-824MHz) SCS: 15kHz, Modulation BPSK, Middle Channel

RSE-V LTE NB-IoT Band 26(814-824MHz) SCS: 15kHz Modulation BPSK 1#0 CH26740

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



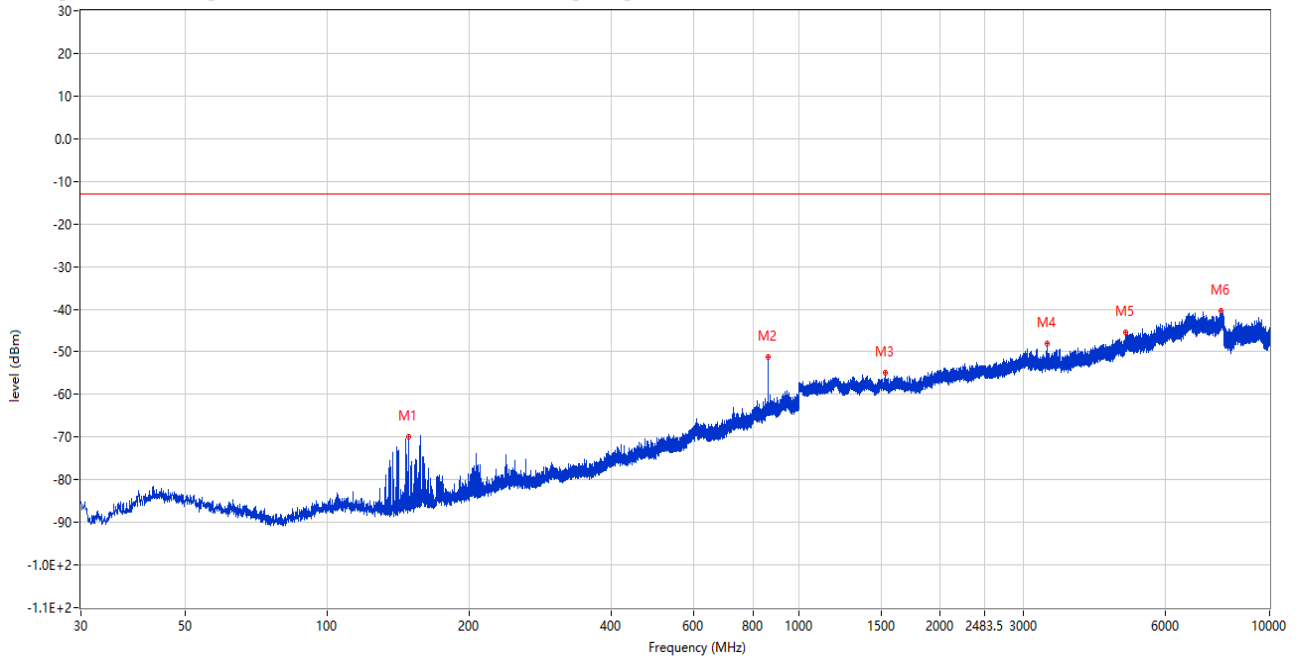
Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
134.808	-73.31	-16.20	-13.0	60.31	212.00	Vertical	Horizontal	Pass
327.693	-74.72	-7.77	-13.0	61.72	339.00	Vertical	Horizontal	Pass
864.006	-35.30	6.67	-13.0	22.30	1.00	Vertical	Horizontal	N/A
1535.500	-55.00	-3.07	-13.0	42.00	326.00	Vertical	Horizontal	Pass
3126.500	-49.88	5.63	-13.0	36.88	315.00	Vertical	Horizontal	Pass
4803.750	-42.31	10.66	-13.0	29.31	161.00	Vertical	Horizontal	Pass



LTE NB-IoT Band 26(814-824MHz) SCS: 15kHz Modulation BPSK, Middle Channel

RSE-H LTE NB-IoT Band 26(814-824MHz) SCS: 15kHz Modulation BPSK 1#0 CH26740

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

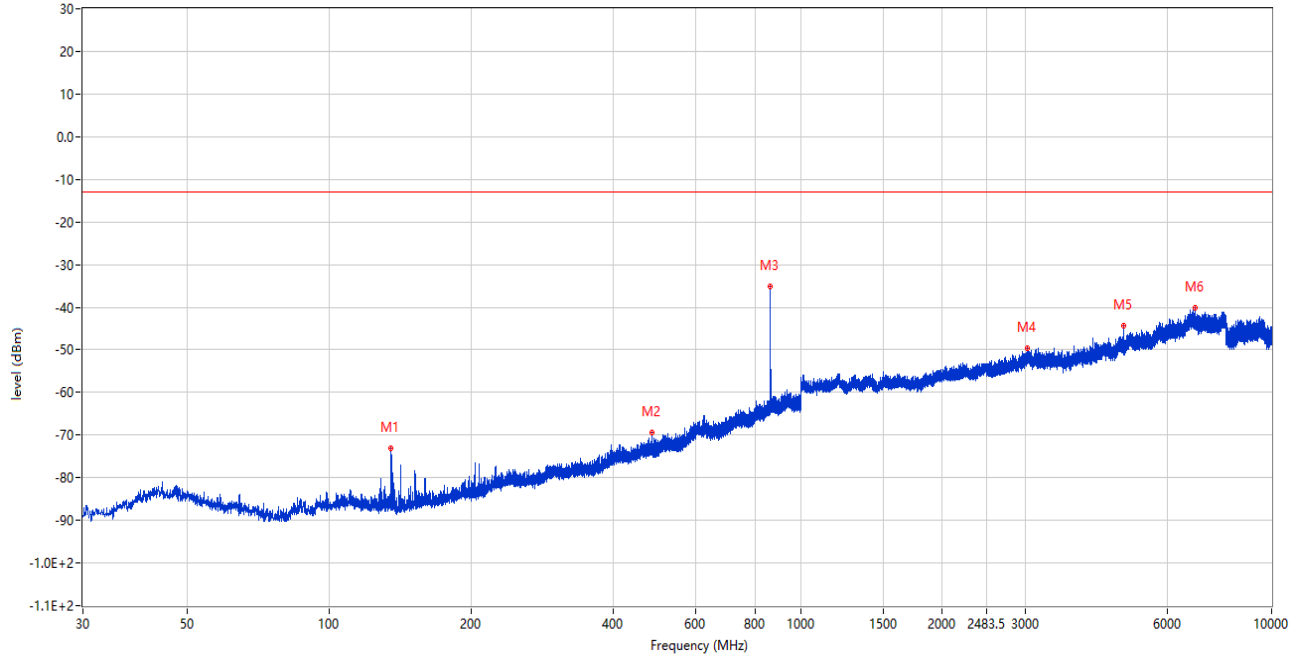


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
148.777	-69.80	-15.58	-13.0	56.80	99.00	Horizontal	Horizontal	Pass
863.958	-51.19	6.66	-13.0	38.19	124.00	Horizontal	Horizontal	N/A
1527.000	-55.01	-3.00	-13.0	42.01	279.00	Horizontal	Horizontal	Pass
3367.500	-48.03	6.32	-13.0	35.03	146.00	Horizontal	Horizontal	Pass
4959.500	-45.52	11.09	-13.0	32.52	360.00	Horizontal	Horizontal	Pass
7891.000	-40.45	16.70	-13.0	27.45	84.00	Horizontal	Horizontal	Pass

15.4 LTE NB-IoT Band 26(814-824MHz) SCS: 15kHz Modulation QPSK, Middle Channel

RSE-V LTE NB-IoT Band 26(814-824MHz) SCS: 15kHz Modulation QPSK 1#0 CH26740

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

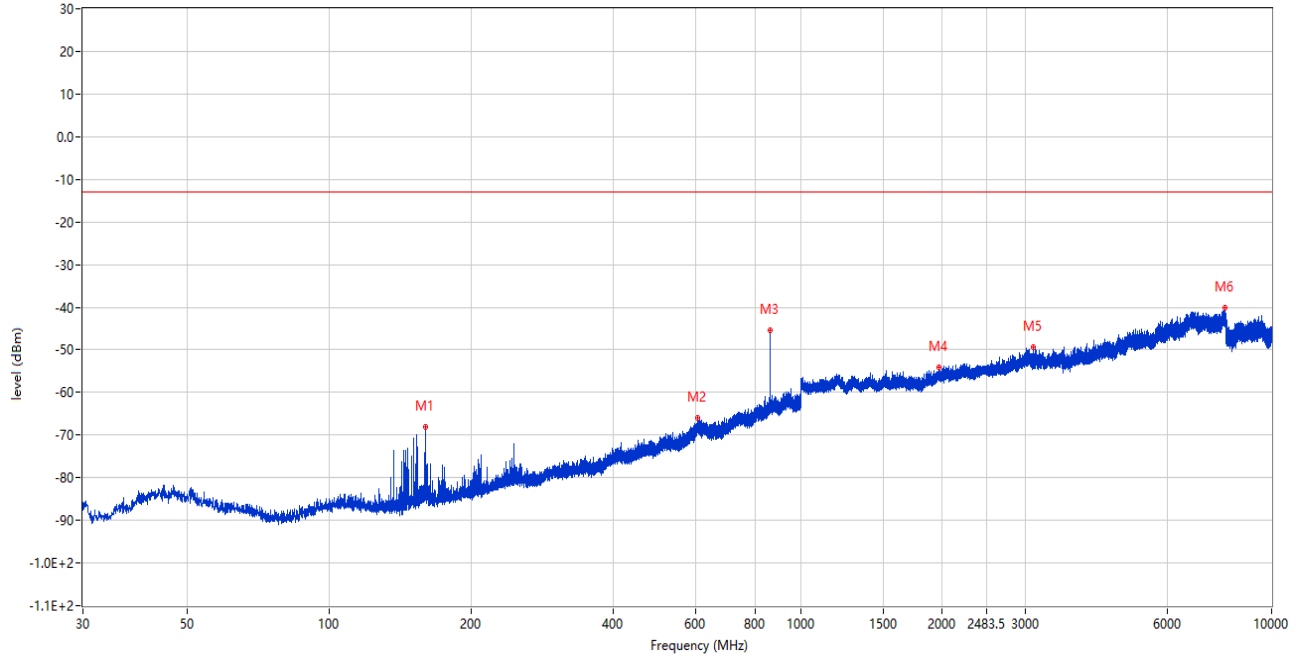


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
134.906	-73.11	-16.21	-13.0	60.11	254.00	Vertical	Horizontal	Pass
485.075	-69.37	-3.31	-13.0	56.37	125.00	Vertical	Horizontal	Pass
863.958	-35.14	6.66	-13.0	22.14	296.00	Vertical	Horizontal	N/A
3023.250	-49.70	5.55	-13.0	36.70	225.00	Vertical	Horizontal	Pass
4851.500	-44.37	10.28	-13.0	31.37	252.00	Vertical	Horizontal	Pass
6874.000	-40.06	14.51	-13.0	27.06	340.00	Vertical	Horizontal	Pass

LTE NB-IoT Band 26(814-824MHz) SCS: 15kHz Modulation QPSK, Middle Channel

RSE-H LTE NB-IoT Band 26(814-824MHz) SCS: 15kHz Modulation QPSK 1#0 CH26740

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

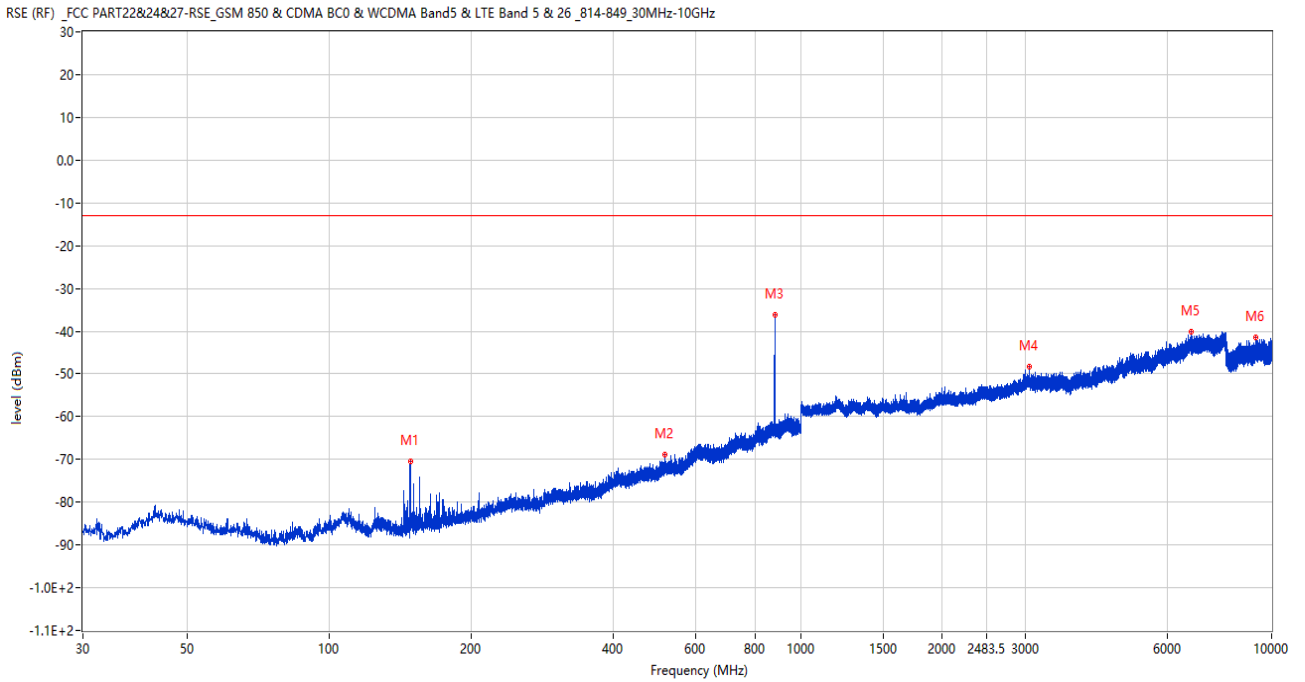


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
160.222	-68.17	-14.59	-13.0	55.17	245.00	Horizontal	Horizontal	Pass
605.210	-65.96	2.15	-13.0	52.96	119.00	Horizontal	Horizontal	Pass
863.958	-45.52	6.66	-13.0	32.52	209.00	Horizontal	Horizontal	N/A
1971.300	-54.23	-1.43	-13.0	41.23	280.00	Horizontal	Horizontal	Pass
3117.250	-49.32	5.05	-13.0	36.32	328.00	Horizontal	Horizontal	Pass
7974.250	-40.19	17.20	-13.0	27.19	341.00	Horizontal	Horizontal	Pass

16 LTE NB-IoT Band 26(824-849MHz)

16.1 LTE NB-IoT Band 26(824-849MHz) SCS: 3.75kHz, Modulation BPSK, Middle Channel

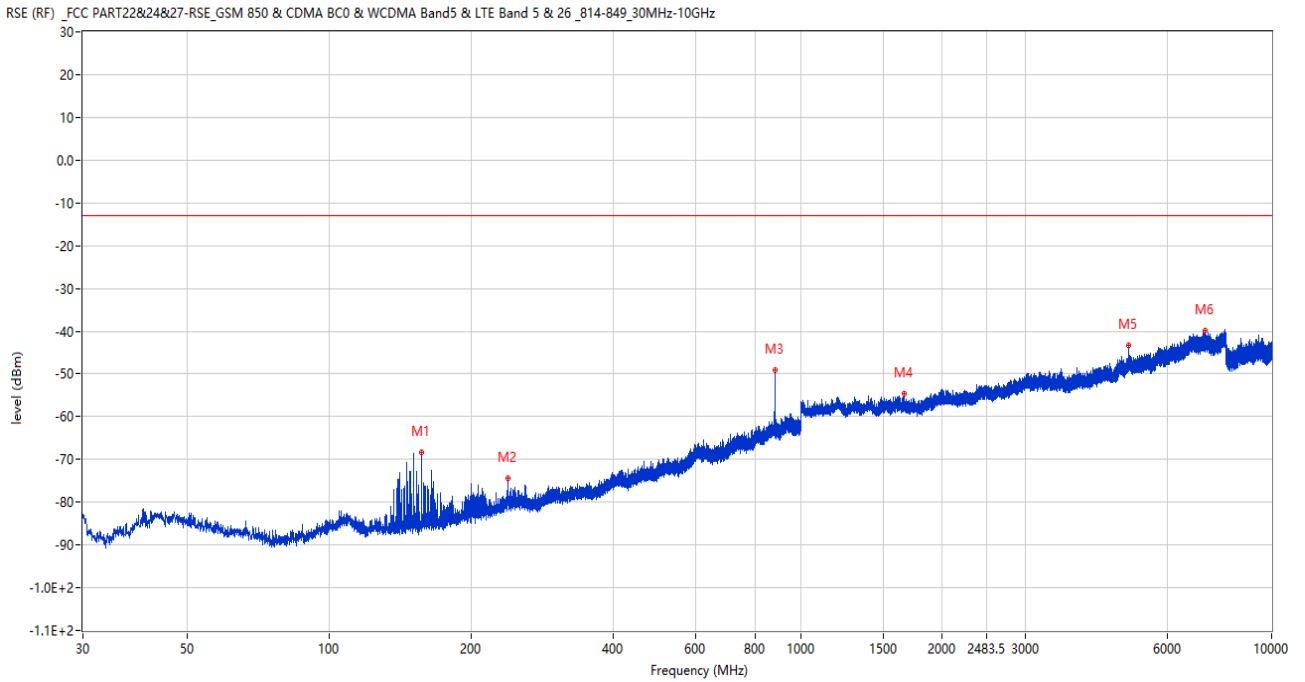
RSE-V LTE NB-IoT Band 26(824-849MHz) SCS: 3.75kHz Modulation BPSK 1#0 CH26915



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
148.680	-70.39	-15.59	-13.0	57.39	347.00	Vertical	Horizontal	Pass
516.601	-68.97	-1.73	-13.0	55.97	332.00	Vertical	Horizontal	Pass
881.466	-36.30	6.91	-13.0	23.30	126.00	Vertical	Horizontal	N/A
3064.250	-48.29	5.71	-13.0	35.29	185.00	Vertical	Horizontal	Pass
6763.750	-40.01	14.72	-13.0	27.01	354.00	Vertical	Horizontal	Pass
9245.500	-41.43	16.50	-13.0	28.43	126.00	Vertical	Horizontal	Pass

LTE NB-IoT Band 26(824-849MHz) SCS: 3.75kHz Modulation BPSK, Middle Channel

RSE-H LTE NB-IoT Band 26(824-849MHz) SCS: 3.75kHz Modulation BPSK 1#0 CH26915

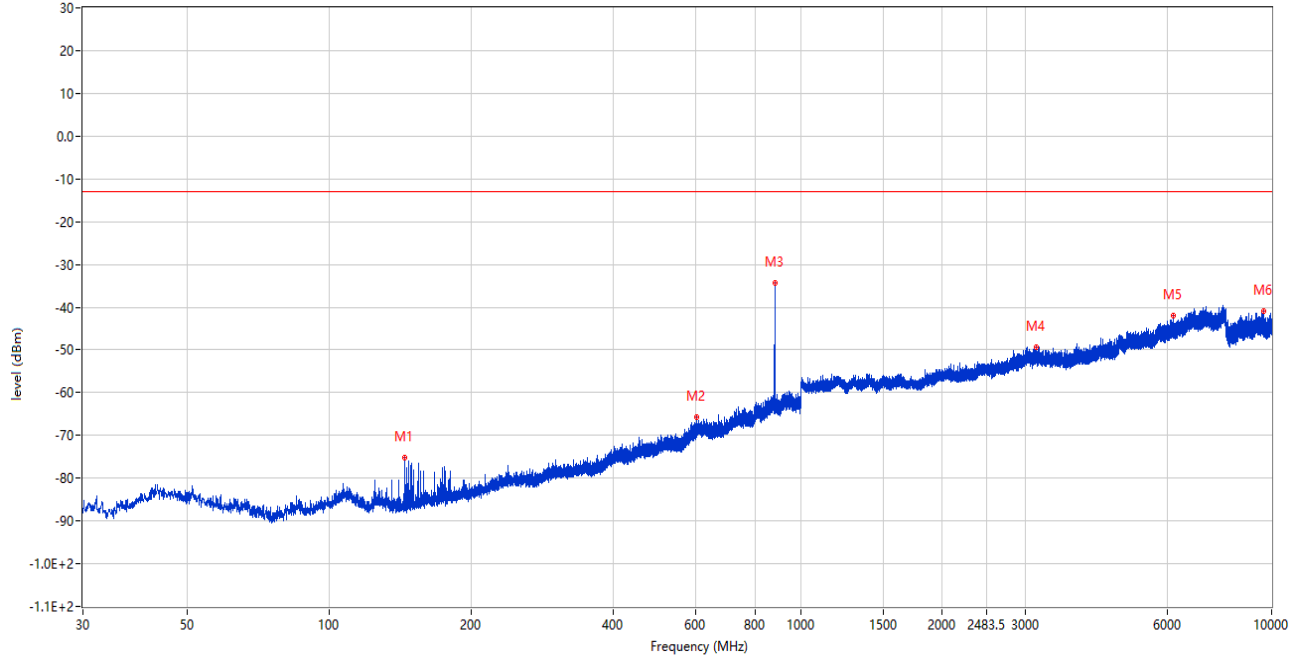


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
156.973	-68.40	-14.90	-13.0	55.40	221.00	Horizontal	Horizontal	Pass
239.666	-74.54	-9.67	-13.0	61.54	0.00	Horizontal	Horizontal	Pass
881.514	-49.05	6.90	-13.0	36.05	154.00	Horizontal	Horizontal	N/A
1656.800	-54.65	-2.95	-13.0	41.65	316.00	Horizontal	Horizontal	Pass
4960.500	-43.25	11.05	-13.0	30.25	0.00	Horizontal	Horizontal	Pass
7238.500	-39.87	16.27	-13.0	26.87	173.00	Horizontal	Horizontal	Pass

16.2 LTE NB-IoT Band 26(824-849MHz) SCS: 3.75kHz Modulation QPSK, Middle Channel

RSE-V LTE NB-IoT Band 26(824-849MHz) SCS: 3.75kHz Modulation QPSK 1#0 CH26915

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

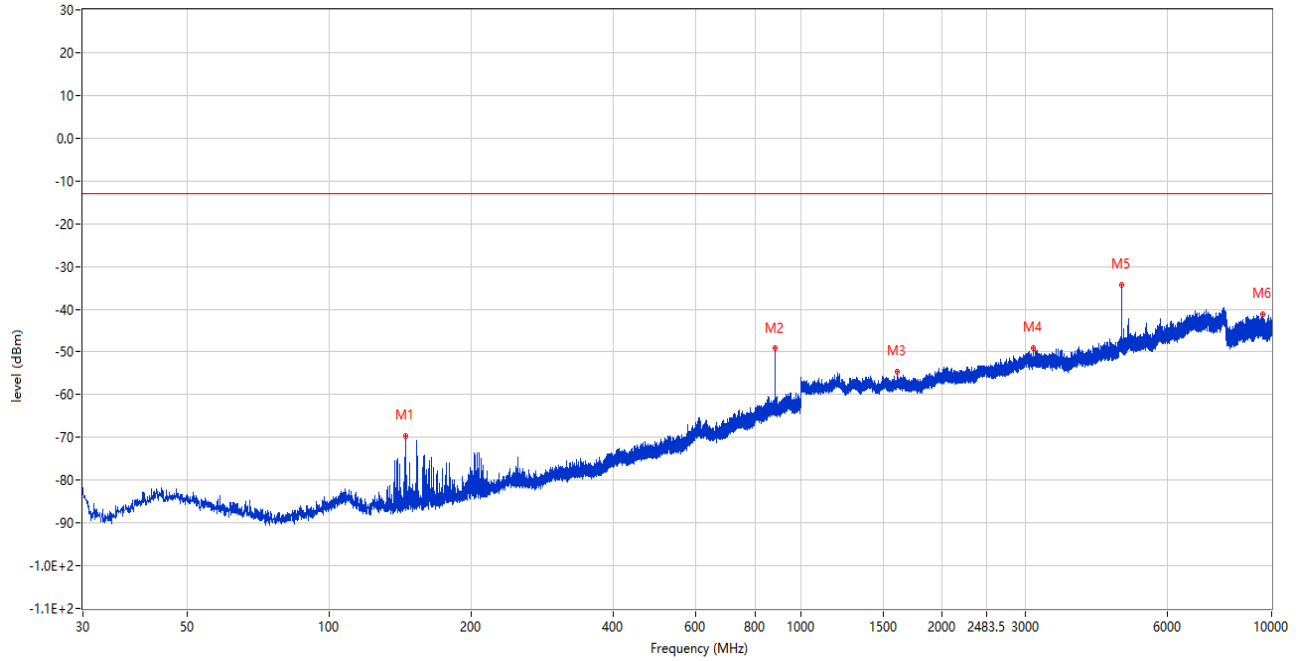


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
144.557	-75.07	-15.91	-13.0	62.07	309.00	Vertical	Horizontal	Pass
602.930	-65.60	1.82	-13.0	52.60	60.00	Vertical	Horizontal	Pass
881.466	-34.30	6.91	-13.0	21.30	80.00	Vertical	Horizontal	N/A
3167.750	-49.25	5.78	-13.0	36.25	286.00	Vertical	Horizontal	Pass
6180.250	-41.88	12.69	-13.0	28.88	29.00	Vertical	Horizontal	Pass
9612.701	-41.04	16.91	-13.0	28.04	114.00	Vertical	Horizontal	Pass

LTE NB-IoT Band 26(824-849MHz) SCS: 3.75kHz Modulation QPSK, Middle Channel

RSE-H LTE NB-IoT Band 26(824-849MHz) SCS: 3.75kHz Modulation QPSK 1#0 CH26915

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

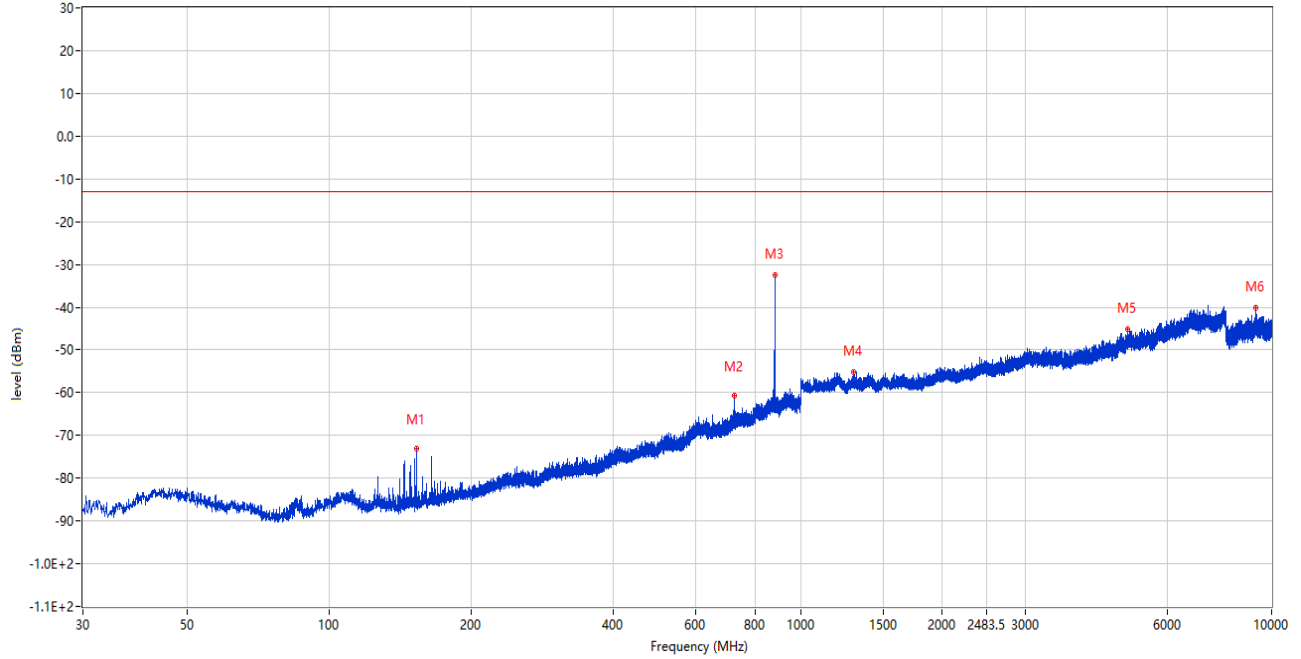


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
145.139	-69.63	-15.86	-13.0	56.63	206.00	Horizontal	Horizontal	Pass
881.466	-49.22	6.91	-13.0	36.22	29.00	Horizontal	Horizontal	N/A
1604.800	-54.51	-2.80	-13.0	41.51	289.00	Horizontal	Horizontal	Pass
3123.000	-49.03	5.47	-13.0	36.03	339.00	Horizontal	Horizontal	Pass
4803.250	-34.42	10.65	-13.0	21.42	0.00	Horizontal	Horizontal	Pass
9550.800	-41.30	17.80	-13.0	28.30	352.00	Horizontal	Horizontal	Pass

16.3 LTE NB-IoT Band 26(824-849MHz) SCS: 15kHz, Modulation BPSK, Middle Channel

RSE-V LTE NB-IoT Band 26(824-849MHz) SCS: 15kHz Modulation BPSK 1#0 CH26915

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



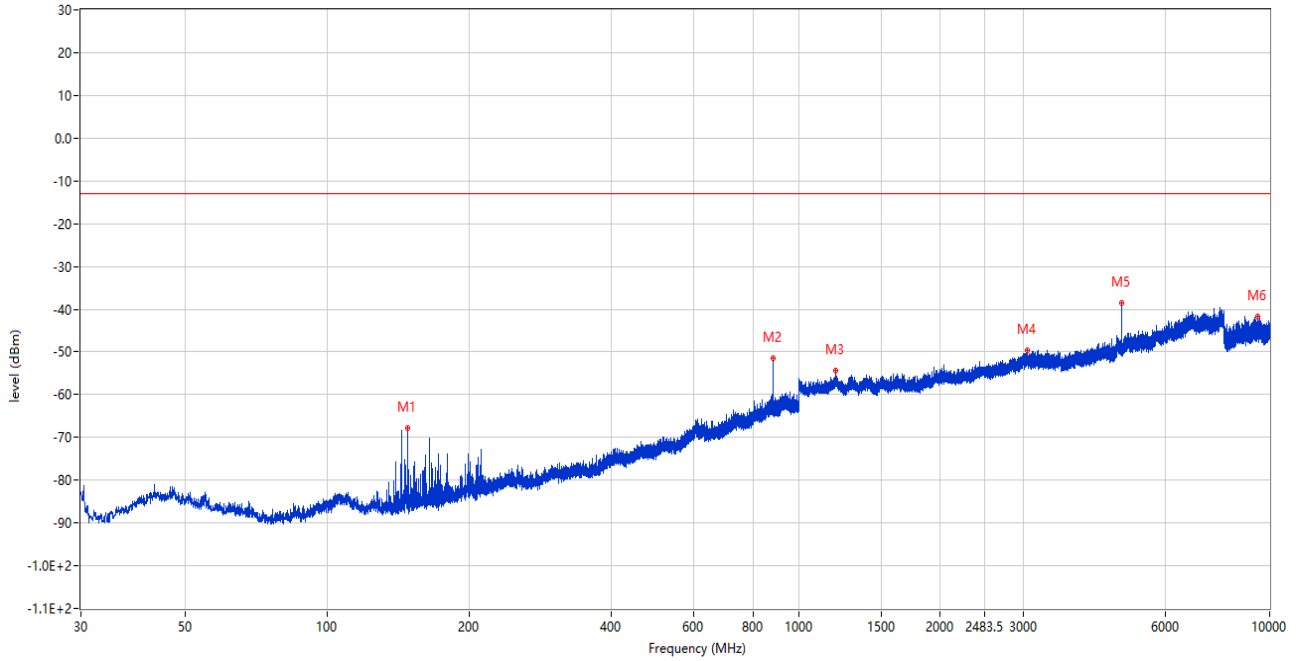
Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
153.384	-72.96	-15.22	-13.0	59.96	311.00	Vertical	Horizontal	Pass
724.471	-60.83	3.35	-13.0	47.83	0.00	Vertical	Horizontal	Pass
881.466	-32.48	6.91	-13.0	19.48	135.00	Vertical	Horizontal	N/A
1298.400	-55.25	-2.32	-13.0	42.25	6.00	Vertical	Horizontal	Pass
4952.750	-45.24	11.27	-13.0	32.24	316.00	Vertical	Horizontal	Pass
9270.500	-40.00	16.86	-13.0	27.00	360.00	Vertical	Horizontal	Pass



LTE NB-IoT Band 26(824-849MHz) SCS: 15kHz Modulation BPSK, Middle Channel

RSE-H LTE NB-IoT Band 26(824-849MHz) SCS: 15kHz Modulation BPSK 1#0 CH26915

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

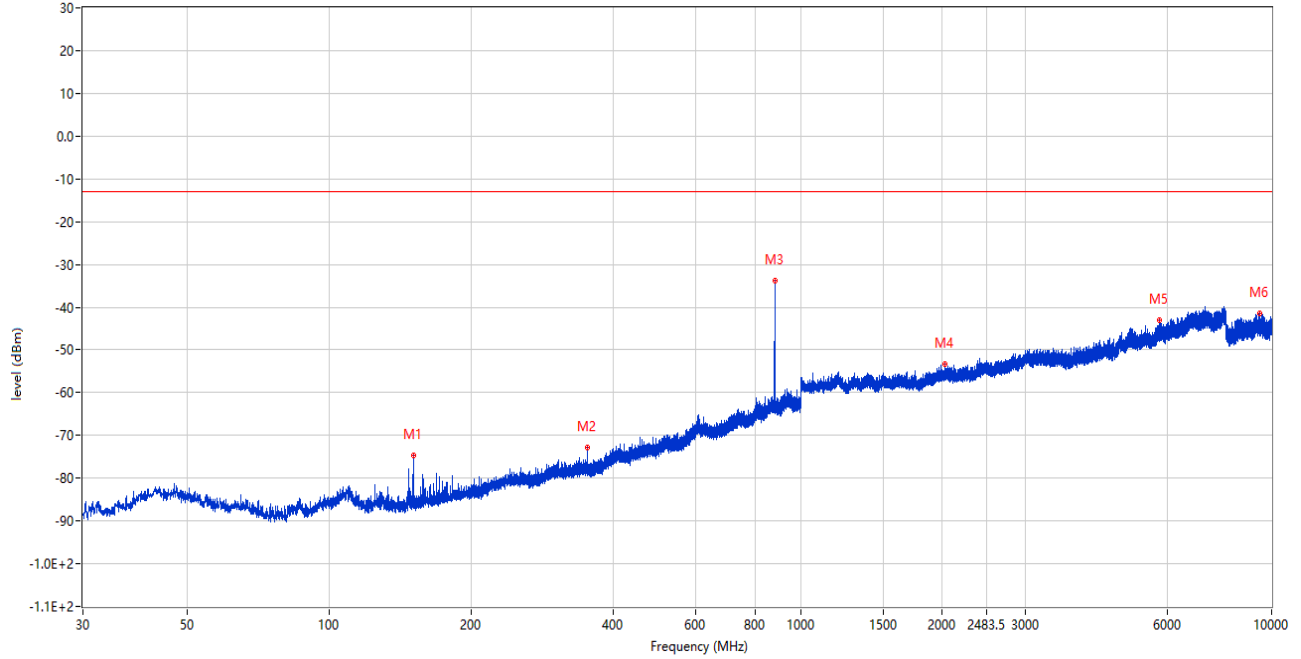


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
148.389	-67.73	-15.62	-13.0	54.73	205.00	Horizontal	Horizontal	Pass
881.514	-51.49	6.90	-13.0	38.49	156.00	Horizontal	Horizontal	N/A
1199.900	-54.40	-1.72	-13.0	41.40	256.00	Horizontal	Horizontal	Pass
3058.500	-49.69	5.86	-13.0	36.69	46.00	Horizontal	Horizontal	Pass
4851.500	-38.55	10.28	-13.0	25.55	348.00	Horizontal	Horizontal	Pass
9416.300	-41.67	16.67	-13.0	28.67	340.00	Horizontal	Horizontal	Pass

16.4 LTE NB-IoT Band 26(824-849MHz) SCS: 15kHz Modulation QPSK, Middle Channel

RSE-V LTE NB-IoT Band 26(824-849MHz) SCS: 15kHz Modulation QPSK 1#0 CH26915

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

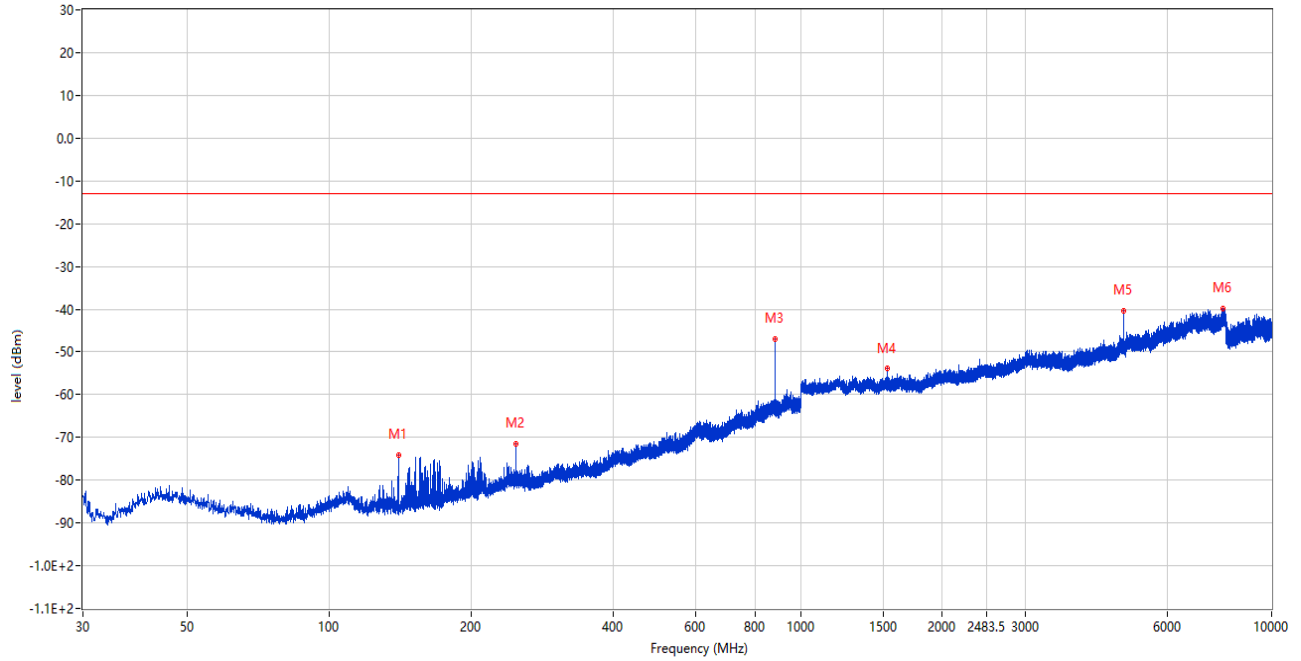


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
151.202	-74.67	-15.40	-13.0	61.67	280.00	Vertical	Horizontal	Pass
353.253	-72.90	-7.24	-13.0	59.90	22.00	Vertical	Horizontal	Pass
881.466	-33.81	6.91	-13.0	20.81	173.00	Vertical	Horizontal	N/A
2029.100	-53.39	-0.68	-13.0	40.39	357.00	Vertical	Horizontal	Pass
5773.000	-42.96	12.33	-13.0	29.96	0.00	Vertical	Horizontal	Pass
9418.500	-41.52	16.75	-13.0	28.52	6.00	Vertical	Horizontal	Pass

LTE NB-IoT Band 26(824-849MHz) SCS: 15kHz Modulation QPSK, Middle Channel

RSE-H LTE NB-IoT Band 26(824-849MHz) SCS: 15kHz Modulation QPSK 1#0 CH26915

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

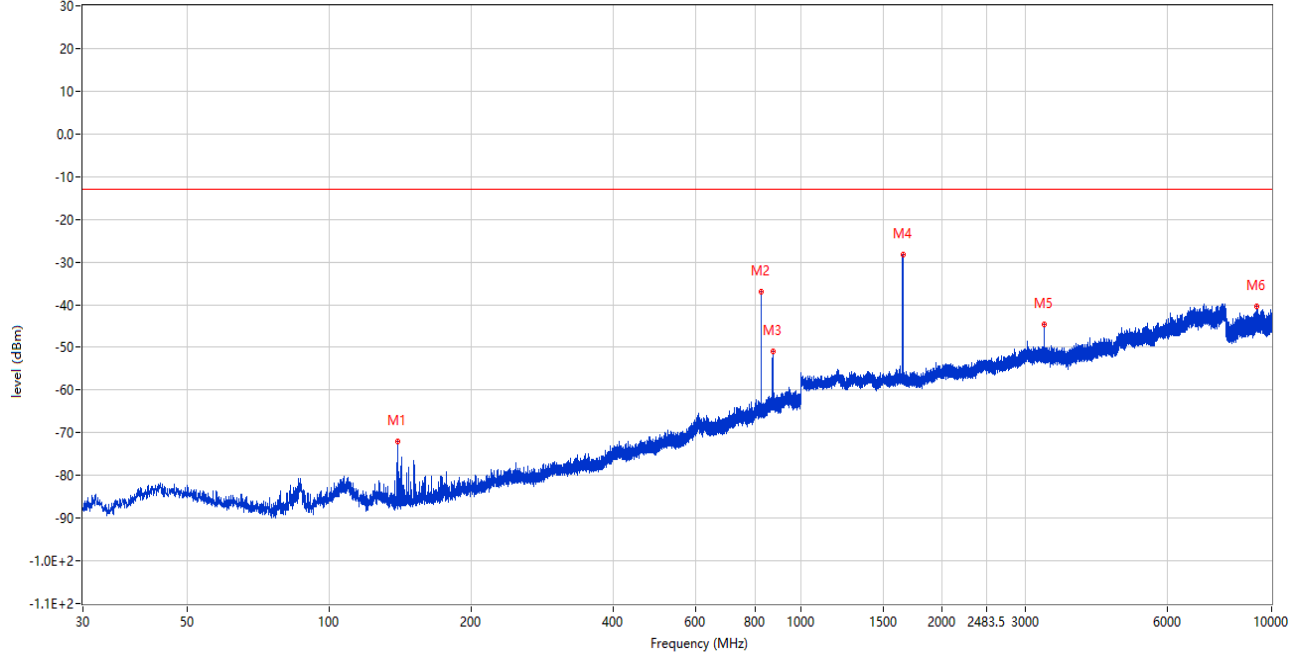


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
140.337	-74.23	-16.26	-13.0	61.23	223.00	Horizontal	Horizontal	Pass
248.638	-71.54	-9.95	-13.0	58.54	0.00	Horizontal	Horizontal	Pass
881.466	-46.95	6.91	-13.0	33.95	156.00	Horizontal	Horizontal	N/A
1527.100	-53.97	-3.00	-13.0	40.97	360.00	Horizontal	Horizontal	Pass
4852.500	-40.47	10.28	-13.0	27.47	133.00	Horizontal	Horizontal	Pass
7874.500	-39.77	16.90	-13.0	26.77	288.00	Horizontal	Horizontal	Pass

17 GSM850 GPRS  
 17 GSM850 GPRS,  
 17.1 GSM850 GPRS, Low Channel

RSE-V GSM850 GPRS CH128

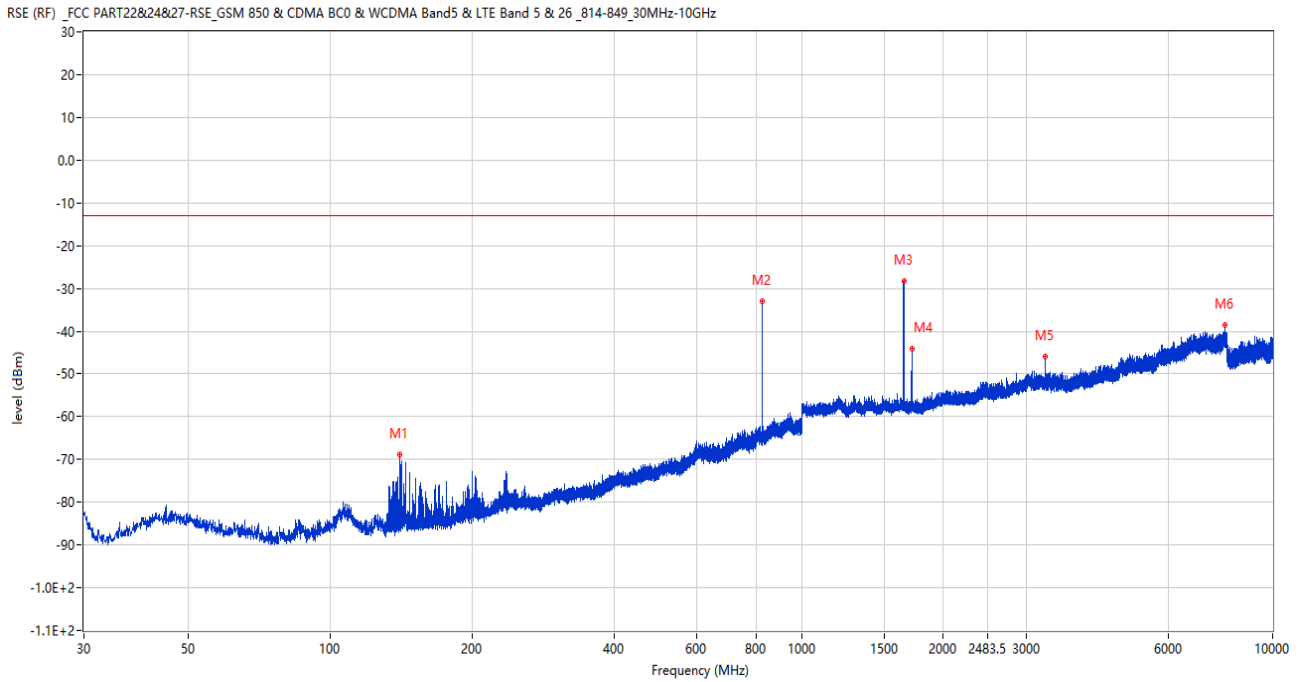
RSE (RF) \_FCC PART22&24&27-RSE\_GSM 850 & CDMA BC0 & WCDMA Band5 & LTE Band 5 & 26\_014-849\_30MHz-10GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
139.416	-72.06	-16.28	-13.0	59.06	276.00	Vertical	Horizontal	Pass
824.236	-36.98	5.49	-13.0	23.98	306.00	Vertical	Horizontal	N/A
875.937	-50.86	7.15	-13.0	37.86	132.00	Vertical	Horizontal	N/A
1648.400	-28.24	-2.93	-13.0	15.24	274.00	Vertical	Horizontal	Pass
3296.500	-44.73	5.24	-13.0	31.73	252.00	Vertical	Horizontal	Pass
9305.600	-40.31	16.97	-13.0	27.31	360.00	Vertical	Horizontal	Pass

GSM850 GPRS, Low Channel

RSE-H GSM850 GPRS CH128

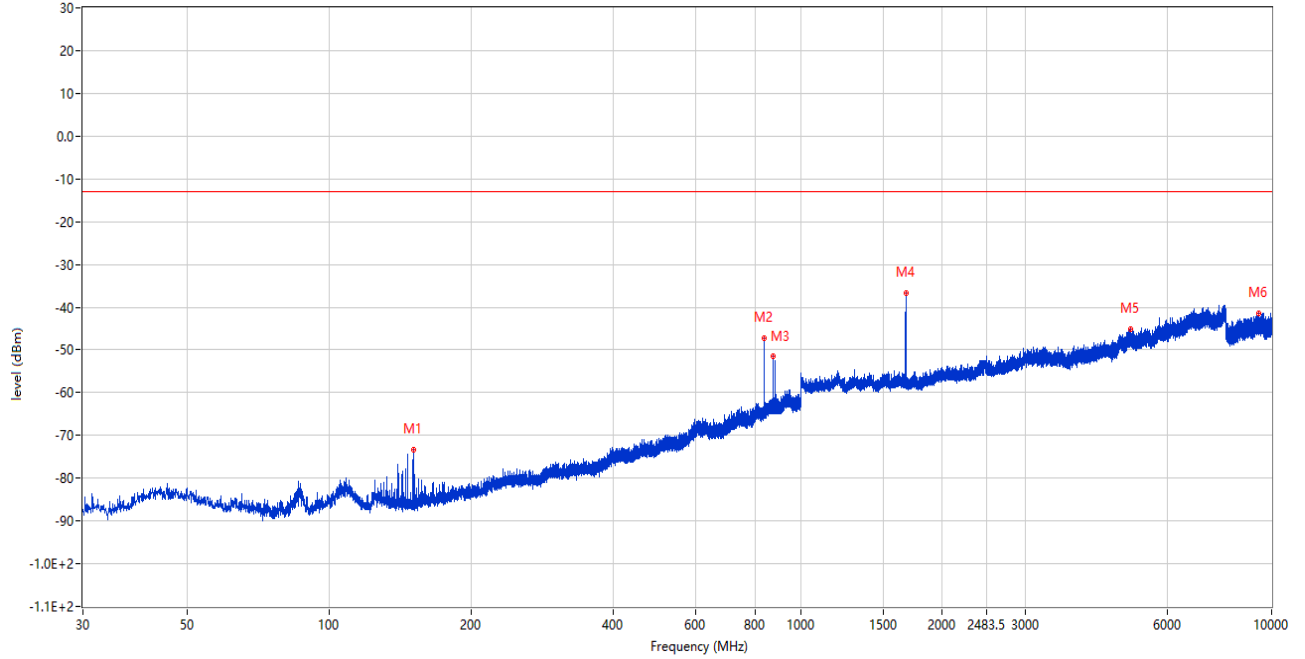


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
140.483	-68.94	-16.25	-13.0	55.94	289.00	Horizontal	Horizontal	Pass
824.284	-32.98	5.49	-13.0	19.98	294.00	Horizontal	Horizontal	N/A
1648.300	-28.19	-2.93	-13.0	15.19	143.00	Horizontal	Horizontal	Pass
1717.400	-44.14	-3.22	-13.0	31.14	11.00	Horizontal	Horizontal	Pass
3296.500	-46.02	5.24	-13.0	33.02	360.00	Horizontal	Horizontal	Pass
7917.750	-38.65	17.01	-13.0	25.65	212.00	Horizontal	Horizontal	Pass

17.2 GSM850 GPRS, Middle Channel

RSE-V GSM850 GPRS CH190

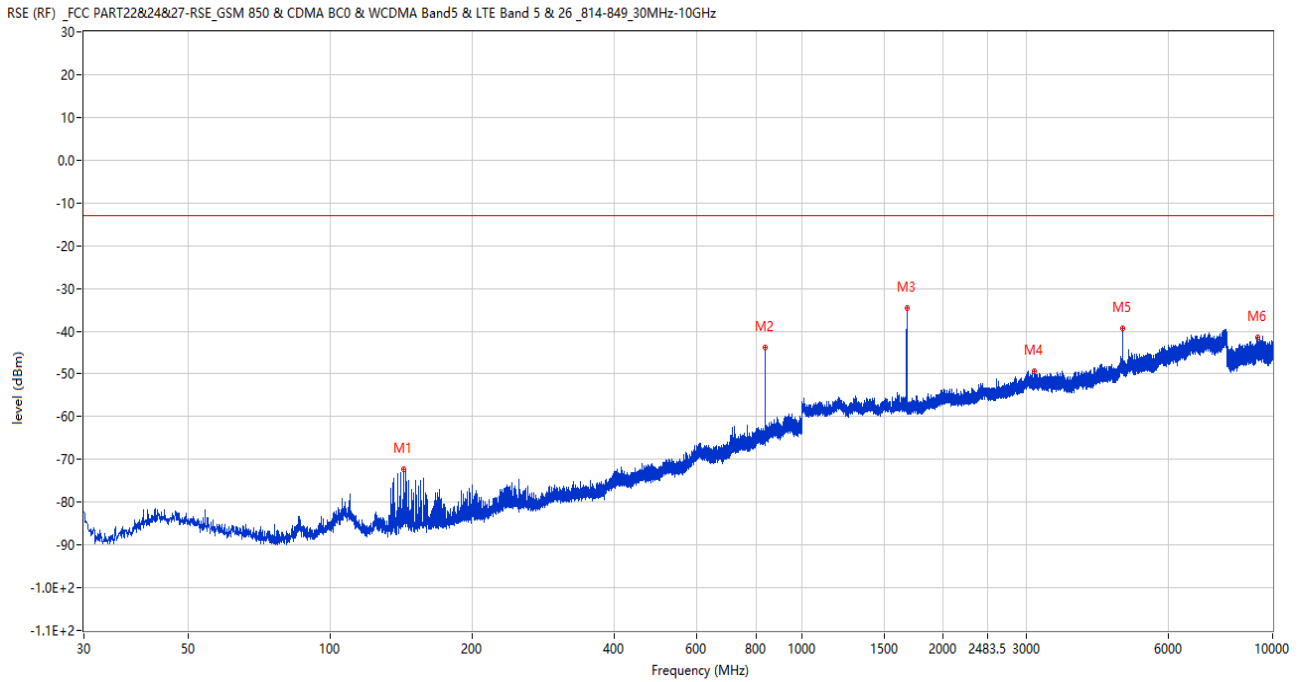
RSE (RF) \_FCC PART22&24&27-RSE\_GSM 850 & CDMA BC0 & WCDMA Band5 & LTE Band 5 & 26\_814-849\_30MHz-10GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
151.347	-73.39	-15.39	-13.0	60.39	294.00	Vertical	Horizontal	Pass
836.604	-47.17	5.64	-13.0	34.17	313.00	Vertical	Horizontal	N/A
875.985	-51.43	7.15	-13.0	38.43	179.00	Vertical	Horizontal	N/A
1673.100	-36.82	-3.25	-13.0	23.82	340.00	Vertical	Horizontal	Pass
5030.250	-45.19	10.98	-13.0	32.19	20.00	Vertical	Horizontal	Pass
9369.099	-41.55	16.49	-13.0	28.55	193.00	Vertical	Horizontal	Pass

GSM850 GPRS, Middle Channel

RSE-H GSM850 GPRS CH190

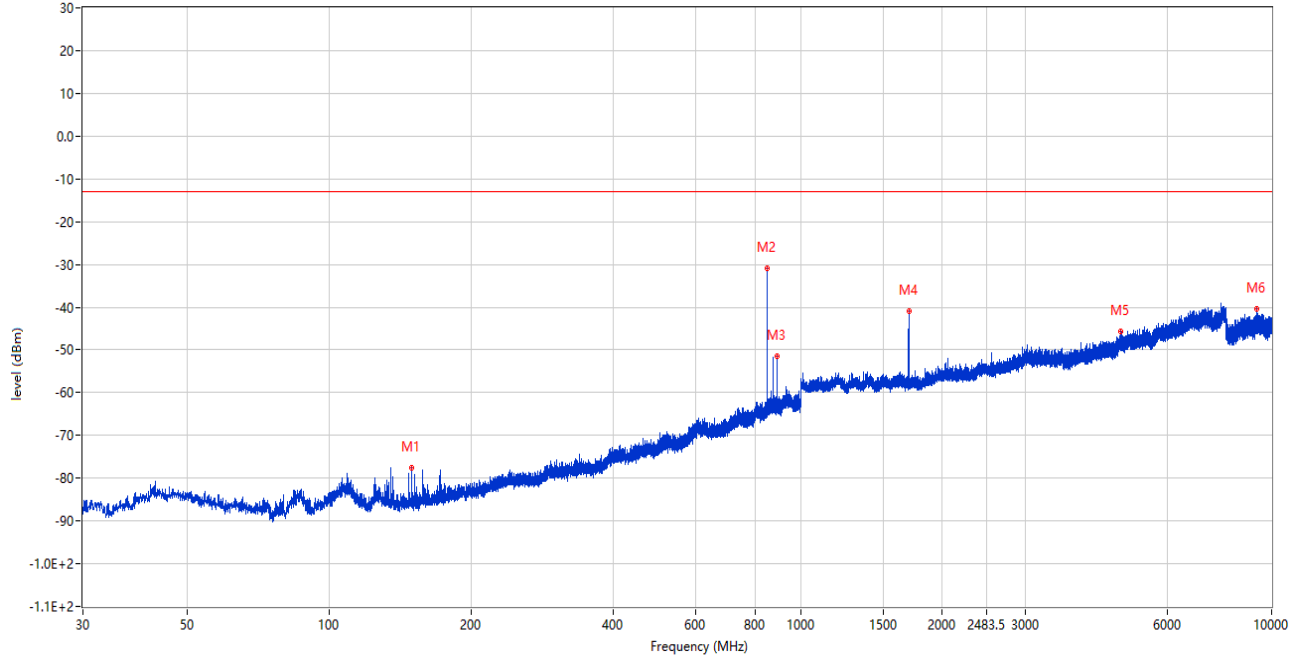


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
142.908	-72.42	-16.04	-13.0	59.42	329.00	Horizontal	Horizontal	Pass
836.604	-43.79	5.64	-13.0	30.79	286.00	Horizontal	Horizontal	N/A
1673.300	-34.48	-3.25	-13.0	21.48	270.00	Horizontal	Horizontal	Pass
3126.250	-49.40	5.63	-13.0	36.40	225.00	Horizontal	Horizontal	Pass
4804.000	-39.30	10.66	-13.0	26.30	328.00	Horizontal	Horizontal	Pass
9317.300	-41.46	16.78	-13.0	28.46	360.00	Horizontal	Horizontal	Pass

17.3 GSM850 GPRS, High Channel

RSE-V GSM850 GPRS CH251

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



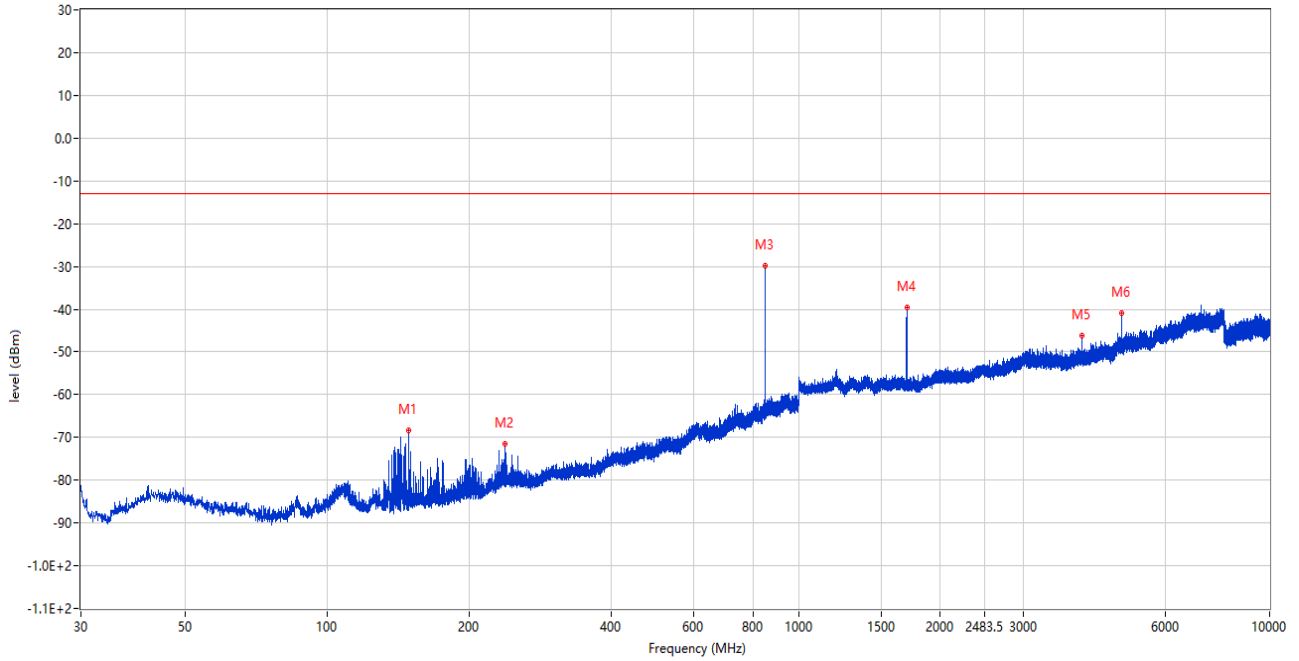
Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
149.795	-77.58	-15.50	-13.0	64.58	279.00	Vertical	Horizontal	Pass
848.825	-30.89	6.25	-13.0	17.89	303.00	Vertical	Horizontal	N/A
893.737	-51.39	6.76	-13.0	38.39	125.00	Vertical	Horizontal	N/A
1697.500	-41.01	-3.47	-13.0	28.01	340.00	Vertical	Horizontal	Pass
4786.000	-45.55	10.61	-13.0	32.55	19.00	Vertical	Horizontal	Pass
9298.700	-40.51	16.98	-13.0	27.51	359.00	Vertical	Horizontal	Pass



## GSM850 GPRS, High Channel

### RSE-H GSM850 GPRS CH251

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

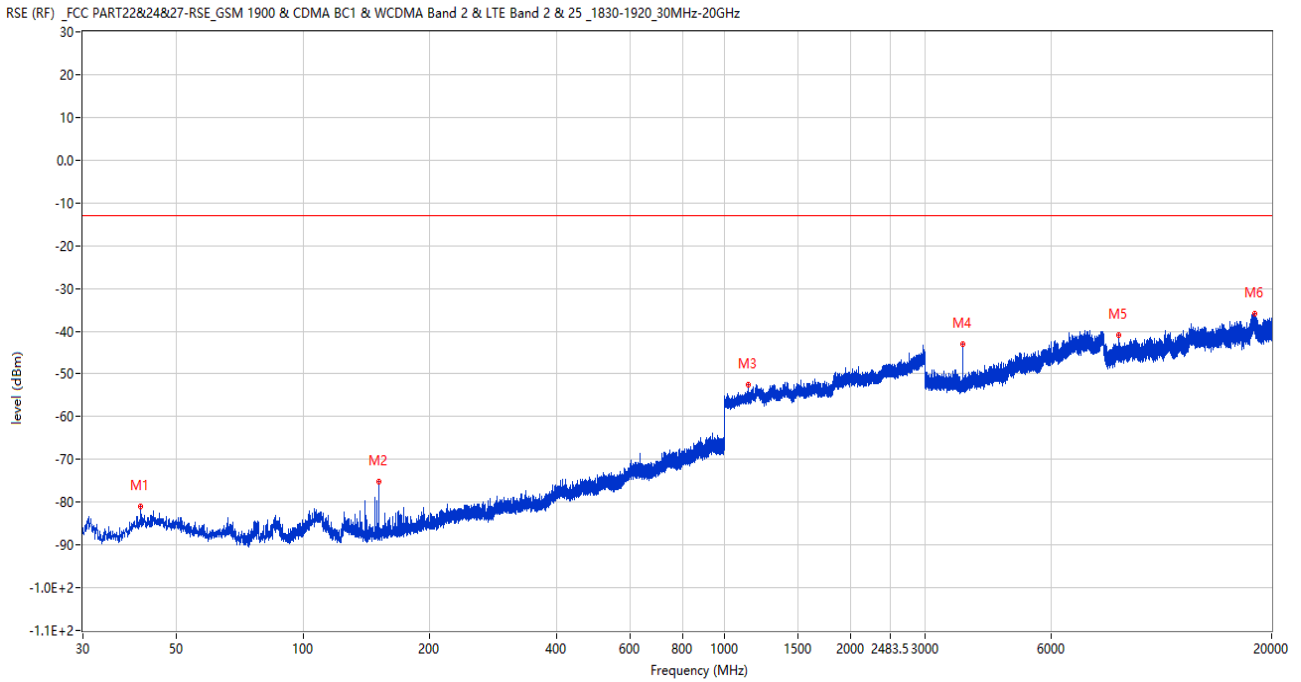


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
149.116	-68.42	-15.56	-13.0	55.42	223.00	Horizontal	Horizontal	Pass
237.725	-71.55	-9.91	-13.0	58.55	66.00	Horizontal	Horizontal	Pass
848.777	-29.88	6.24	-13.0	16.88	290.00	Horizontal	Horizontal	N/A
1697.600	-39.48	-3.47	-13.0	26.48	84.00	Horizontal	Horizontal	Pass
4002.250	-46.21	7.37	-13.0	33.21	0.00	Horizontal	Horizontal	Pass
4851.750	-40.88	10.29	-13.0	27.88	323.00	Horizontal	Horizontal	Pass

18 GSM1900 GPRS

18.1 GSM1900 GPRS, Low Channel

RSE-V GSM1900 GPRS CH512

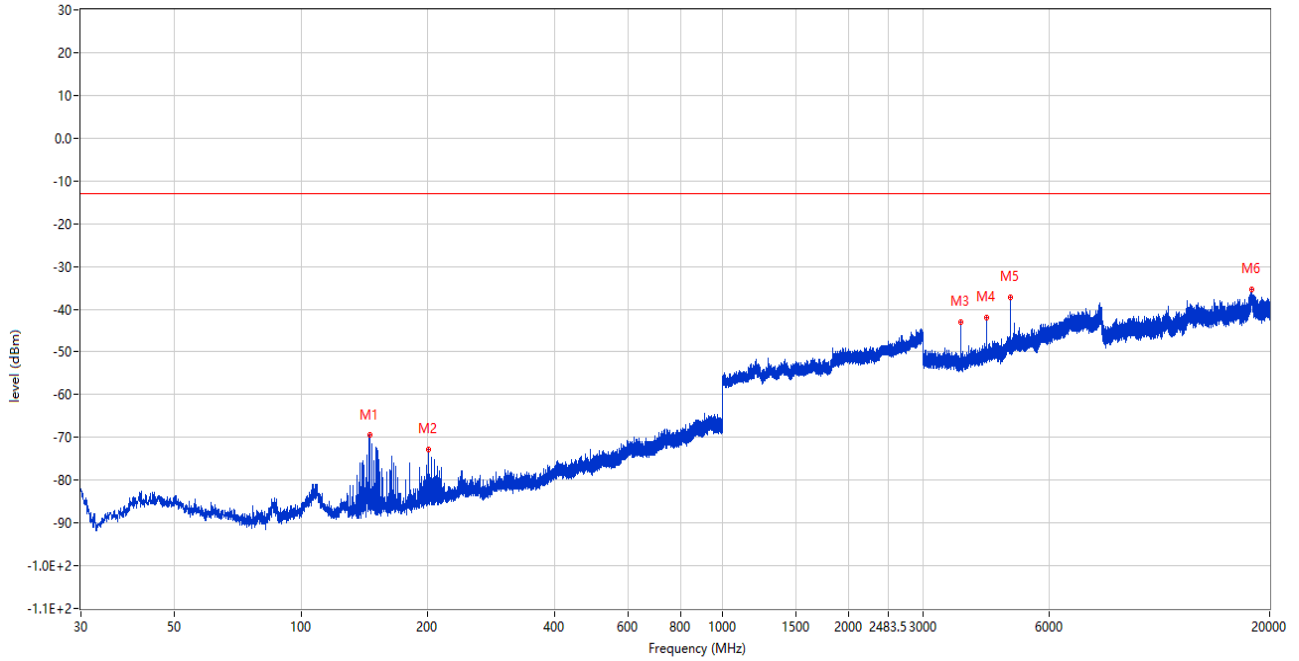


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
41.155	-80.87	-13.57	-13.0	67.87	250.00	Vertical	Horizontal	Pass
151.347	-75.09	-17.04	-13.0	62.09	319.00	Vertical	Horizontal	Pass
1141.300	-52.47	-0.74	-13.0	39.47	20.00	Vertical	Horizontal	Pass
3700.250	-42.98	6.19	-13.0	29.98	252.00	Vertical	Horizontal	Pass
8653.125	-40.99	14.93	-13.0	27.99	335.00	Vertical	Horizontal	Pass
18197.287	-35.96	22.68	-13.0	22.96	211.00	Vertical	Horizontal	Pass

GSM1900 GPRS, Low Channel

RSE-H GSM1900 GPRS CH512

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

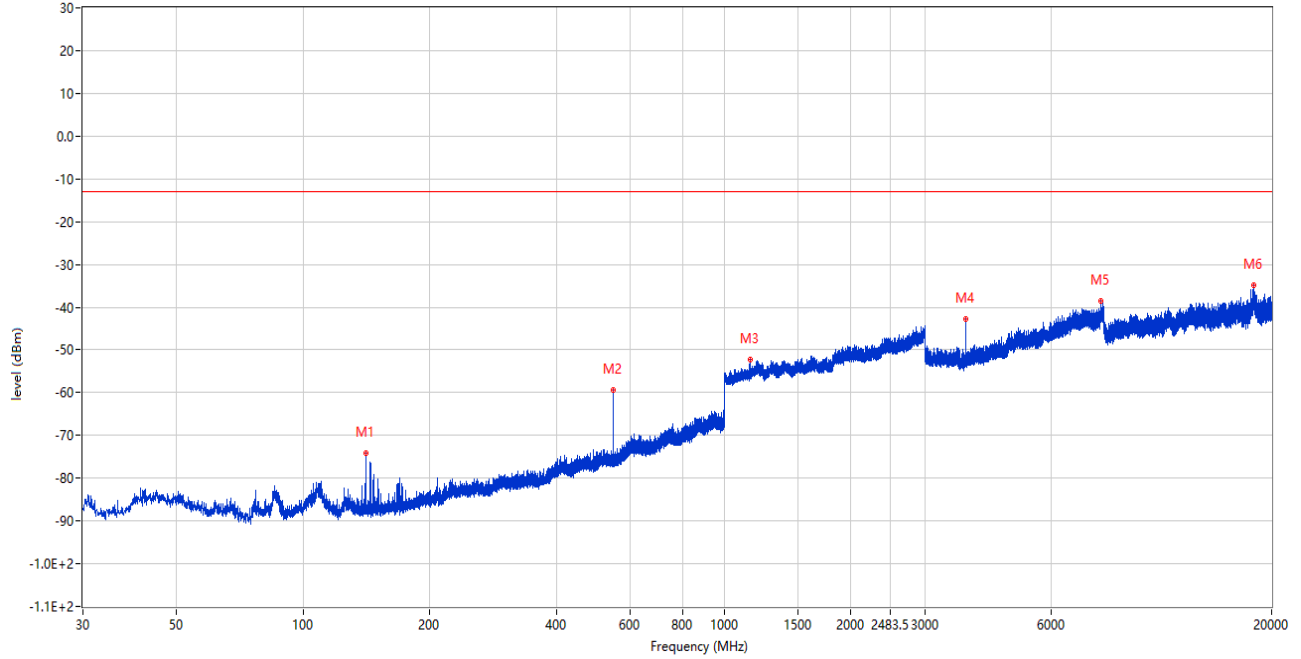


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
145.818	-69.52	-17.46	-13.0	56.52	225.00	Horizontal	Horizontal	Pass
200.671	-72.90	-14.97	-13.0	59.90	0.00	Horizontal	Horizontal	Pass
3700.250	-43.14	6.19	-13.0	30.14	299.00	Horizontal	Horizontal	Pass
4251.500	-42.07	8.41	-13.0	29.07	285.00	Horizontal	Horizontal	Pass
4851.500	-37.19	10.28	-13.0	24.19	359.00	Horizontal	Horizontal	Pass
18147.987	-35.34	23.84	-13.0	22.34	236.00	Horizontal	Horizontal	Pass

## 18.2 GSM1900 GPRS, Middle Channel

### RSE-V GSM1900 GPRS CH661

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

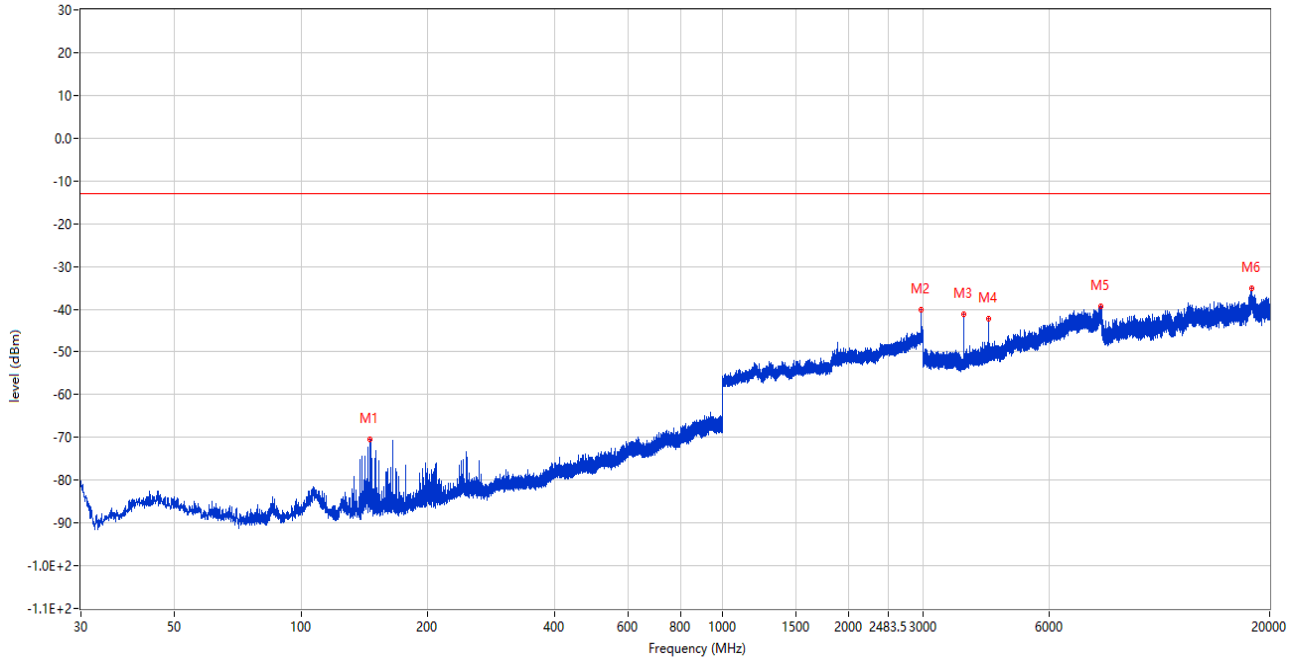


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
140.822	-74.12	-17.83	-13.0	61.12	310.00	Vertical	Horizontal	Pass
545.798	-59.43	-5.54	-13.0	46.43	359.00	Vertical	Horizontal	Pass
1156.900	-52.15	-0.60	-13.0	39.15	314.00	Vertical	Horizontal	Pass
3760.000	-42.89	6.97	-13.0	29.89	95.00	Vertical	Horizontal	Pass
7853.750	-38.54	16.91	-13.0	25.54	0.00	Vertical	Horizontal	Pass
18120.438	-34.91	24.06	-13.0	21.91	0.00	Vertical	Horizontal	Pass

GSM1900 GPRS, Middle Channel

RSE-H GSM1900 GPRS CH661

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

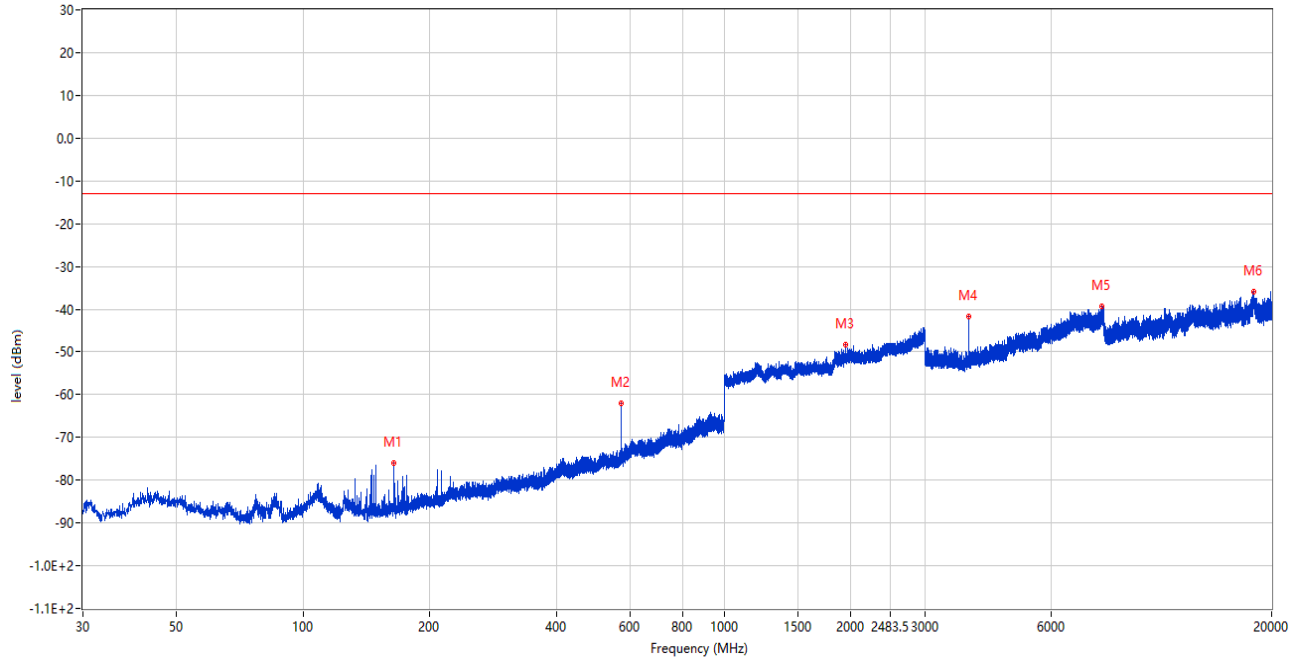


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
145.818	-70.37	-17.46	-13.0	57.37	205.00	Horizontal	Horizontal	Pass
2972.300	-40.11	9.46	-13.0	27.11	355.00	Horizontal	Horizontal	Pass
3760.000	-41.08	6.97	-13.0	28.08	278.00	Horizontal	Horizontal	Pass
4306.000	-42.13	8.71	-13.0	29.13	360.00	Horizontal	Horizontal	Pass
7955.000	-39.25	17.52	-13.0	26.25	112.00	Horizontal	Horizontal	Pass
18116.448	-35.02	23.92	-13.0	22.02	147.00	Horizontal	Horizontal	Pass

### 18.3 GSM1900 GPRS, High Channel

#### RSE-V GSM1900 GPRS CH810

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

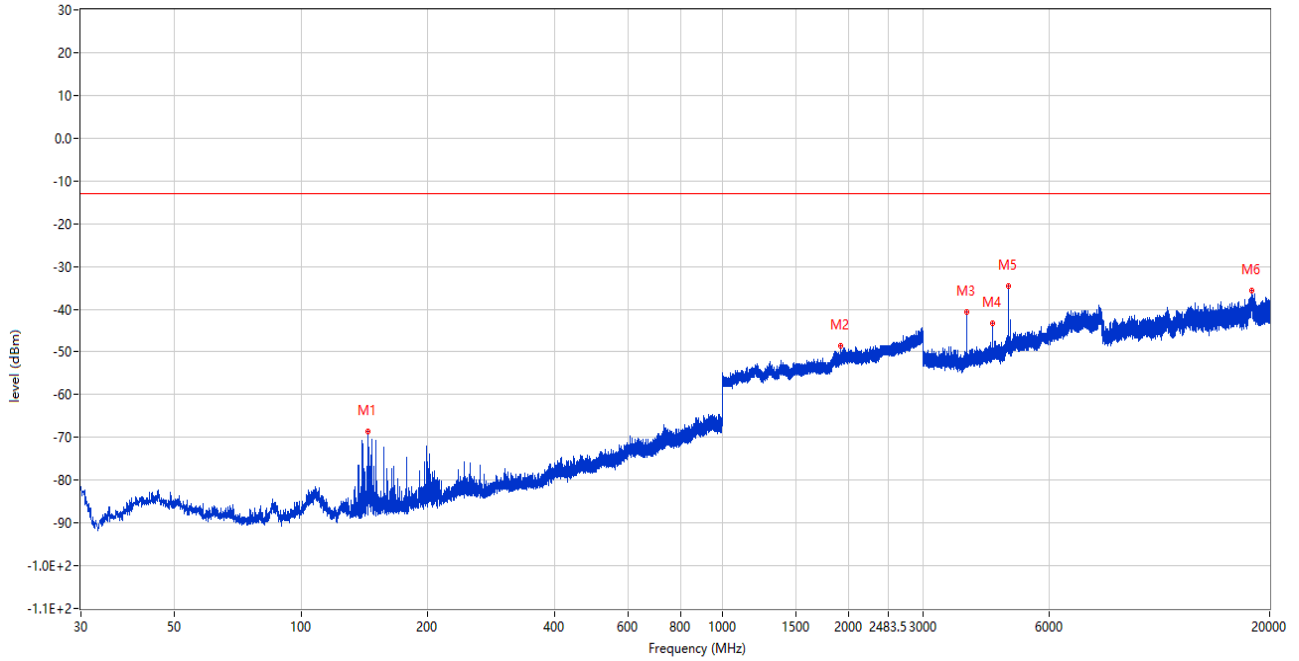


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
164.636	-75.87	-16.39	-13.0	62.87	277.00	Vertical	Horizontal	Pass
570.193	-62.04	-4.96	-13.0	49.04	111.00	Vertical	Horizontal	Pass
1948.000	-48.28	3.07	-13.0	35.28	32.00	Vertical	Horizontal	Pass
3819.500	-41.61	7.38	-13.0	28.61	146.00	Vertical	Horizontal	Pass
7899.750	-39.24	16.81	-13.0	26.24	96.00	Vertical	Horizontal	Pass
18183.875	-36.02	23.43	-13.0	23.02	360.00	Vertical	Horizontal	Pass

GSM1900 GPRS, High Channel

RSE-H GPRS1900 GSM CH810

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

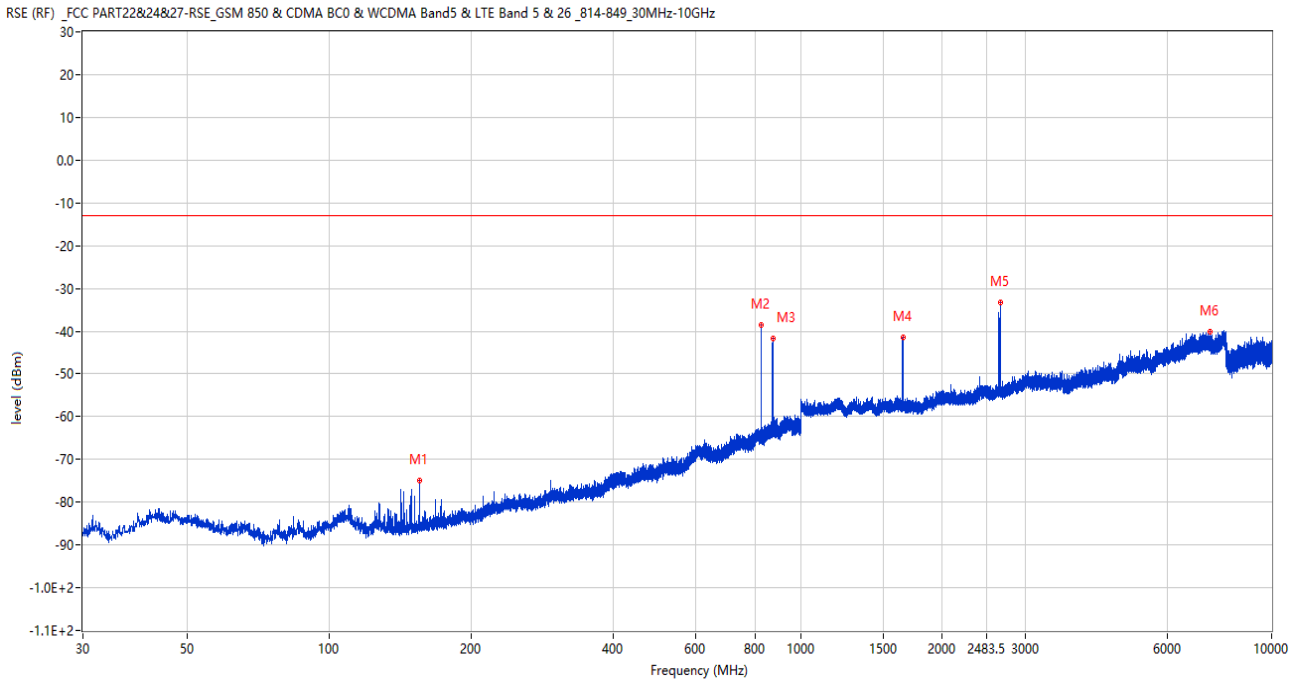


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
144.120	-68.67	-17.59	-13.0	55.67	217.00	Horizontal	Horizontal	Pass
1909.700	-48.55	3.22	-13.0	35.55	316.00	Horizontal	Horizontal	Pass
3819.750	-40.73	7.37	-13.0	27.73	20.00	Horizontal	Horizontal	Pass
4389.750	-43.41	8.65	-13.0	30.41	0.00	Horizontal	Horizontal	Pass
4804.250	-34.53	10.67	-13.0	21.53	0.00	Horizontal	Horizontal	Pass
18116.088	-35.62	23.90	-13.0	22.62	44.00	Horizontal	Horizontal	Pass

19 GSM850 EGPRS

19.1 GSM850 EGPRS, Low Channel

RSE-V GSM850 EGPRS CH128



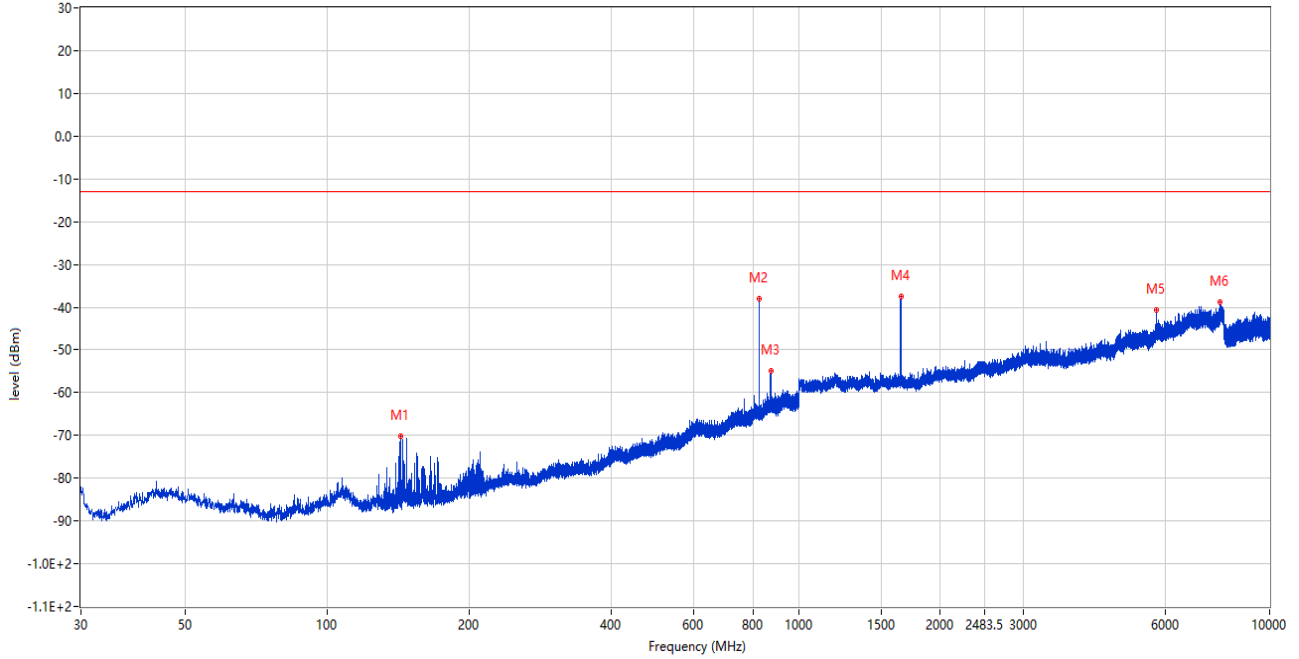
Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
155.518	-74.85	-15.07	-13.0	61.85	271.00	Vertical	Horizontal	Pass
824.188	-38.58	5.49	-13.0	25.58	301.00	Vertical	Horizontal	N/A
875.985	-41.84	7.15	-13.0	28.84	175.00	Vertical	Horizontal	N/A
1648.200	-41.52	-2.93	-13.0	28.52	229.00	Vertical	Horizontal	Pass
2652.600	-33.33	1.68	-13.0	20.33	196.00	Vertical	Horizontal	Pass
7416.000	-40.19	15.56	-13.0	27.19	360.00	Vertical	Horizontal	Pass



GSM850 EGPRS, Low Channel

RSE-H GSM850 EGPRS CH128

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

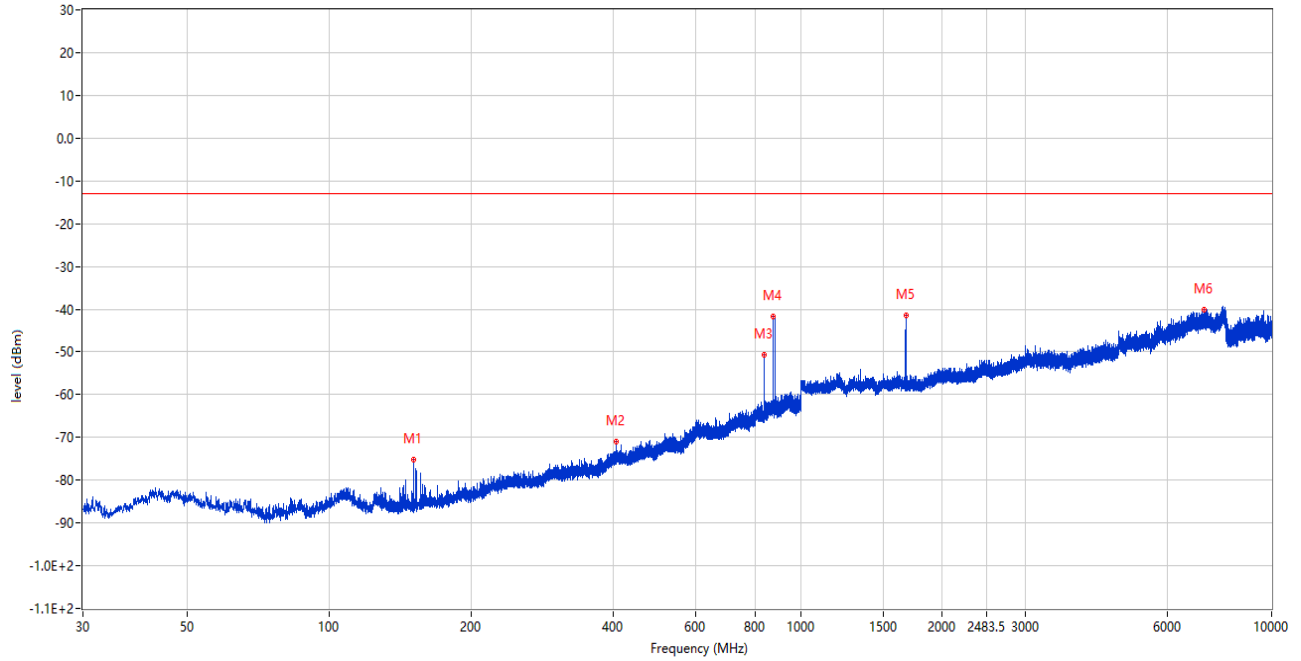


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
143.344	-70.19	-16.02	-13.0	57.19	262.00	Horizontal	Horizontal	Pass
824.188	-38.04	5.49	-13.0	25.04	207.00	Horizontal	Horizontal	N/A
875.937	-54.88	7.15	-13.0	41.88	157.00	Horizontal	Horizontal	N/A
1648.300	-37.55	-2.93	-13.0	24.55	88.00	Horizontal	Horizontal	Pass
5738.750	-40.75	11.87	-13.0	27.75	75.00	Horizontal	Horizontal	Pass
7830.750	-38.90	16.58	-13.0	25.90	217.00	Horizontal	Horizontal	Pass

## 19.2 GSM850 EGPRS, Middle Channel

### RSE-V GSM850 EGPRS CH190

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

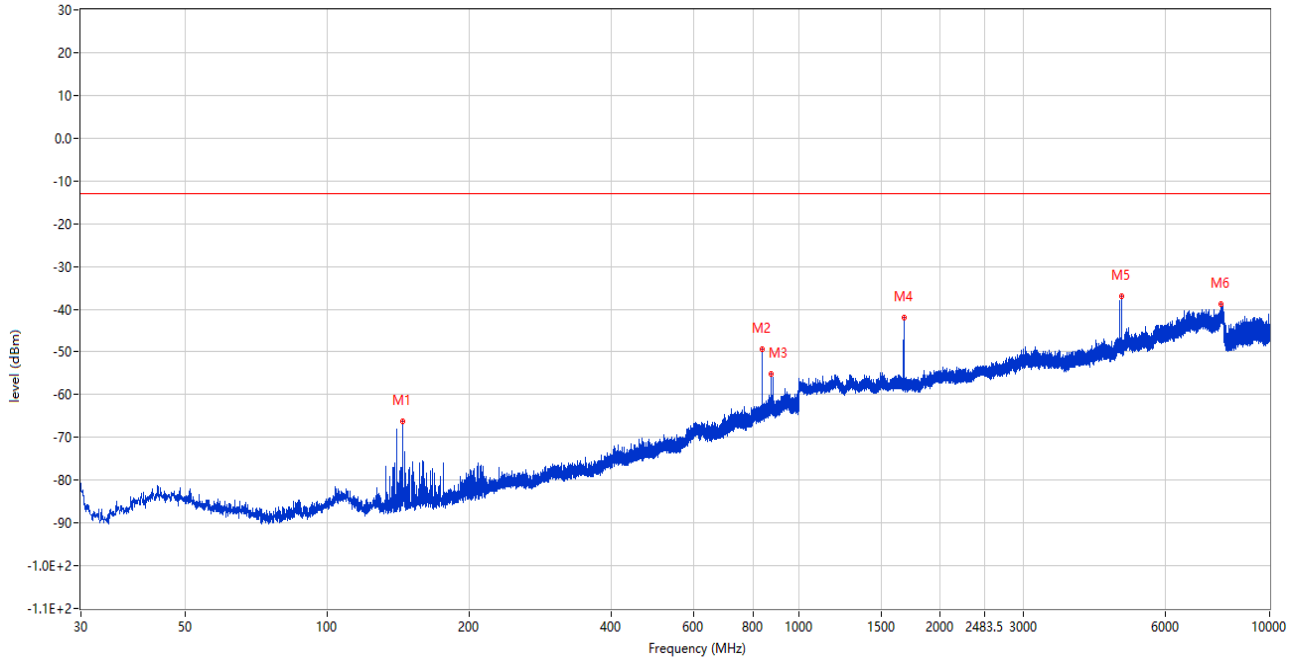


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
151.202	-75.28	-15.40	-13.0	62.28	323.00	Vertical	Horizontal	Pass
406.069	-70.88	-4.92	-13.0	57.88	236.00	Vertical	Horizontal	Pass
836.652	-50.62	5.64	-13.0	37.62	292.00	Vertical	Horizontal	N/A
875.985	-41.77	7.15	-13.0	28.77	170.00	Vertical	Horizontal	N/A
1673.000	-41.47	-3.24	-13.0	28.47	20.00	Vertical	Horizontal	Pass
7204.500	-40.13	16.43	-13.0	27.13	49.00	Vertical	Horizontal	Pass

## GSM850 EGPRS, Middle Channel

### RSE-H GSM850 EGPRS CH190

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

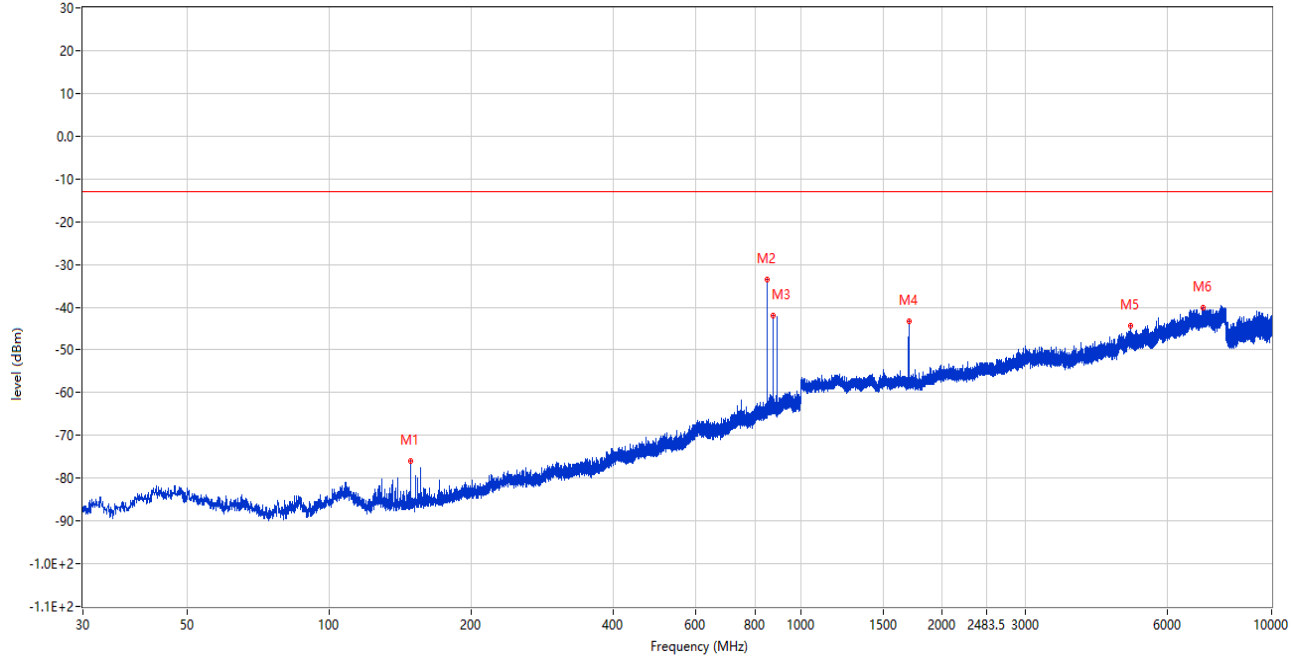


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
144.557	-66.22	-15.91	-13.0	53.22	253.00	Horizontal	Horizontal	Pass
836.604	-49.38	5.64	-13.0	36.38	326.00	Horizontal	Horizontal	N/A
876.034	-55.06	7.16	-13.0	42.06	146.00	Horizontal	Horizontal	N/A
1672.900	-42.00	-3.24	-13.0	29.00	0.00	Horizontal	Horizontal	Pass
4852.500	-37.08	10.28	-13.0	24.08	360.00	Horizontal	Horizontal	Pass
7892.500	-38.79	16.73	-13.0	25.79	215.00	Horizontal	Horizontal	Pass

19.3 GSM850 EGPRS, High Channel

RSE-V GSM850 EGPRS CH251

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

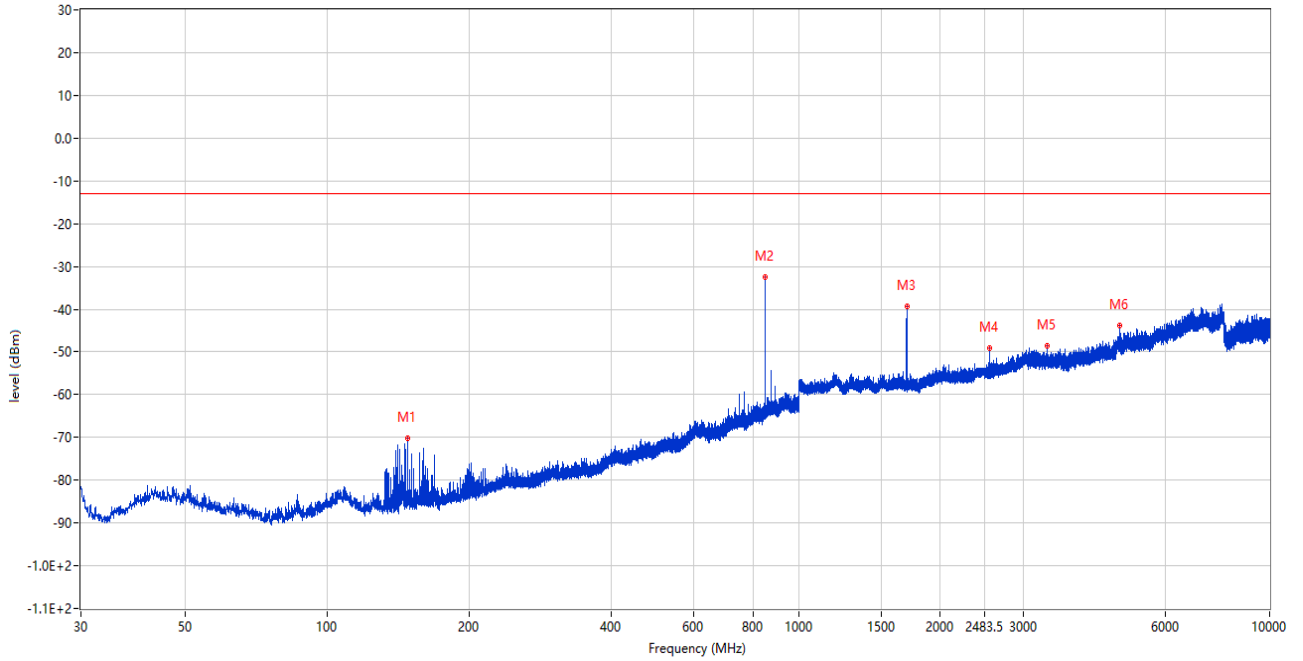


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
148.728	-75.93	-15.59	-13.0	62.93	326.00	Vertical	Horizontal	Pass
848.825	-33.62	6.25	-13.0	20.62	326.00	Vertical	Horizontal	N/A
875.937	-41.95	7.15	-13.0	28.95	169.00	Vertical	Horizontal	N/A
1697.300	-43.40	-3.47	-13.0	30.40	132.00	Vertical	Horizontal	Pass
5021.000	-44.42	11.04	-13.0	31.42	45.00	Vertical	Horizontal	Pass
7171.000	-40.21	15.52	-13.0	27.21	249.00	Vertical	Horizontal	Pass

## GSM850 EGPRS, High Channel

### RSE-H GSM850 EGPRS CH251

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



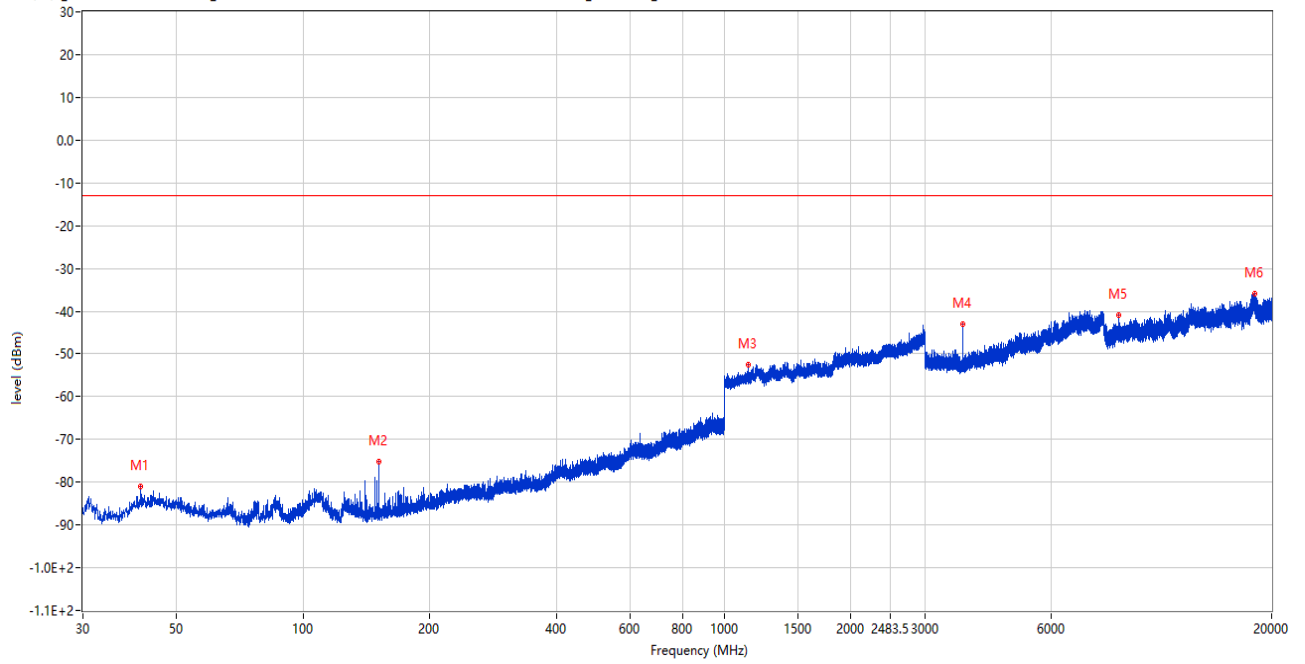
Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
148.292	-70.31	-15.63	-13.0	57.31	234.00	Horizontal	Horizontal	Pass
848.777	-32.61	6.24	-13.0	19.61	227.00	Horizontal	Horizontal	N/A
1697.400	-39.27	-3.47	-13.0	26.27	334.00	Horizontal	Horizontal	Pass
2546.400	-49.21	0.79	-13.0	36.21	236.00	Horizontal	Horizontal	Pass
3372.250	-48.58	6.55	-13.0	35.58	147.00	Horizontal	Horizontal	Pass
4804.250	-43.86	10.67	-13.0	30.86	43.00	Horizontal	Horizontal	Pass

20 GSM1900 EGPRS

20.1 GSM1900 EGPRS, Low Channel

RSE-V GSM1900 EGPRS CH512

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

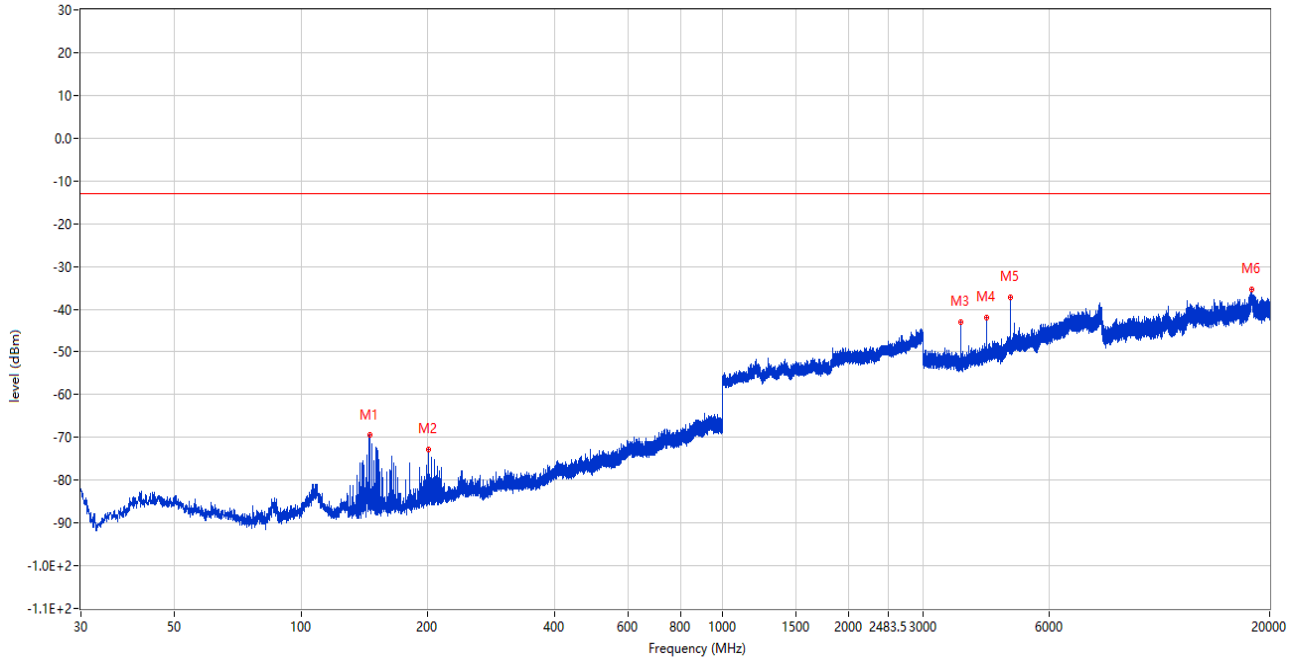


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
41.155	-80.87	-13.57	-13.0	67.87	250.00	Vertical	Horizontal	Pass
151.347	-75.09	-17.04	-13.0	62.09	319.00	Vertical	Horizontal	Pass
1141.300	-52.47	-0.74	-13.0	39.47	20.00	Vertical	Horizontal	Pass
3700.250	-42.98	6.19	-13.0	29.98	252.00	Vertical	Horizontal	Pass
8653.125	-40.99	14.93	-13.0	27.99	335.00	Vertical	Horizontal	Pass
18197.287	-35.96	22.68	-13.0	22.96	211.00	Vertical	Horizontal	Pass

GSM1900 EGPRS, Low Channel

RSE-H GSM1900 EGPRS CH512

RSE (RF) \_FCC PART228&24&27-RSE\_GSM 1900 & CDMA BC1 & WCDMA Band 2 & LTE Band 2 & 25\_1830-1920\_30MHz-20GHz

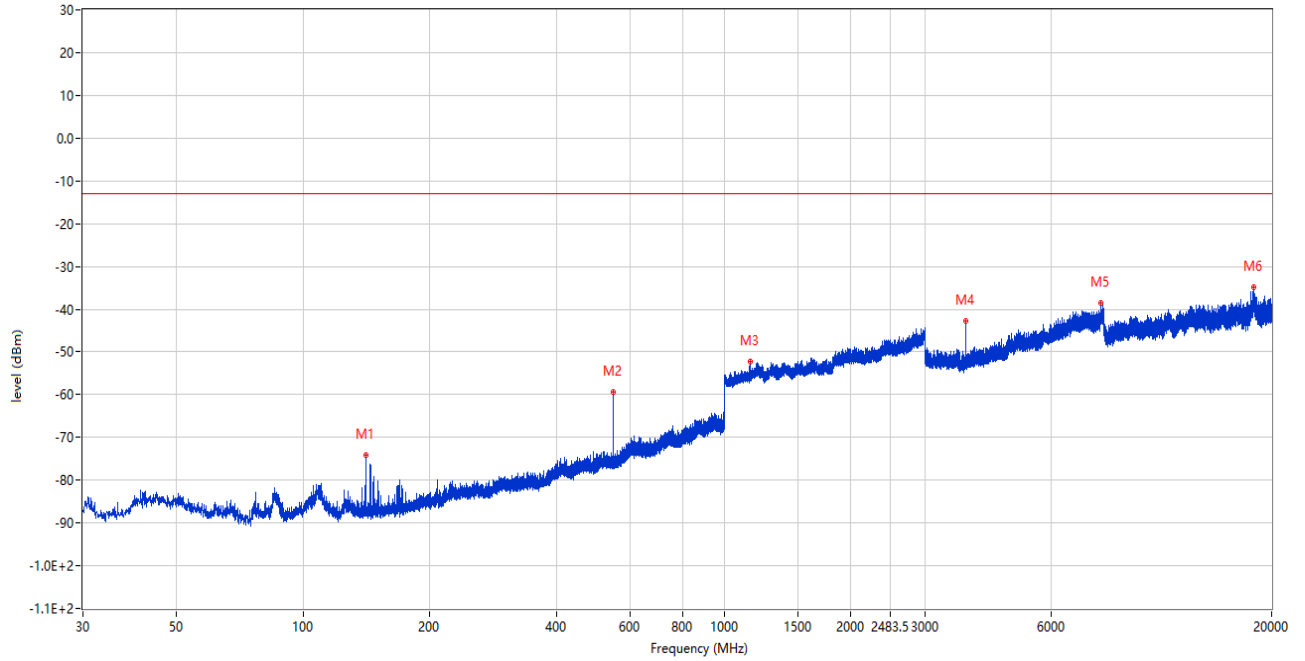


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
145.818	-69.52	-17.46	-13.0	56.52	225.00	Horizontal	Horizontal	Pass
200.671	-72.90	-14.97	-13.0	59.90	0.00	Horizontal	Horizontal	Pass
3700.250	-43.14	6.19	-13.0	30.14	299.00	Horizontal	Horizontal	Pass
4251.500	-42.07	8.41	-13.0	29.07	285.00	Horizontal	Horizontal	Pass
4851.500	-37.19	10.28	-13.0	24.19	359.00	Horizontal	Horizontal	Pass
18147.987	-35.34	23.84	-13.0	22.34	236.00	Horizontal	Horizontal	Pass

## 20.2 GSM1900 EGPRS, Middle Channel

### RSE-V GSM1900 EGPRS CH661

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



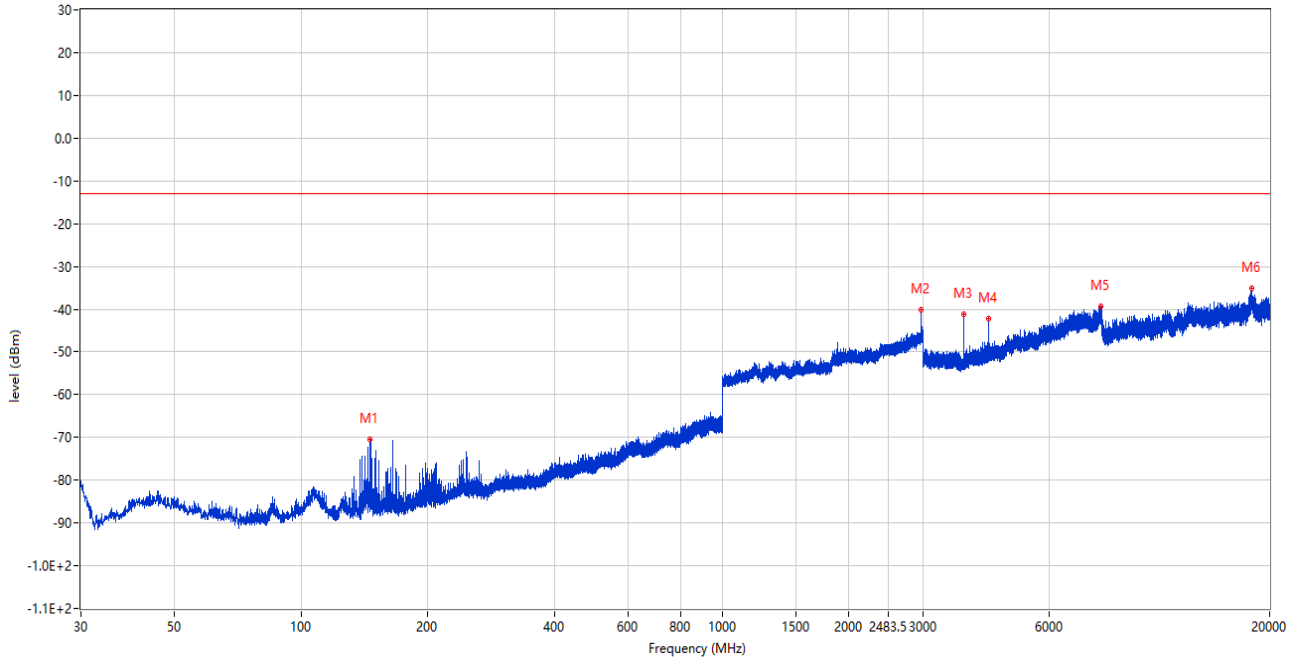
Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
140.822	-74.12	-17.83	-13.0	61.12	310.00	Vertical	Horizontal	Pass
545.798	-59.43	-5.54	-13.0	46.43	359.00	Vertical	Horizontal	Pass
1156.900	-52.15	-0.60	-13.0	39.15	314.00	Vertical	Horizontal	Pass
3760.000	-42.89	6.97	-13.0	29.89	95.00	Vertical	Horizontal	Pass
7853.750	-38.54	16.91	-13.0	25.54	0.00	Vertical	Horizontal	Pass
18120.438	-34.91	24.06	-13.0	21.91	0.00	Vertical	Horizontal	Pass



GSM1900 EGPRS, Middle Channel

RSE-H GSM1900 EGPRS CH661

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

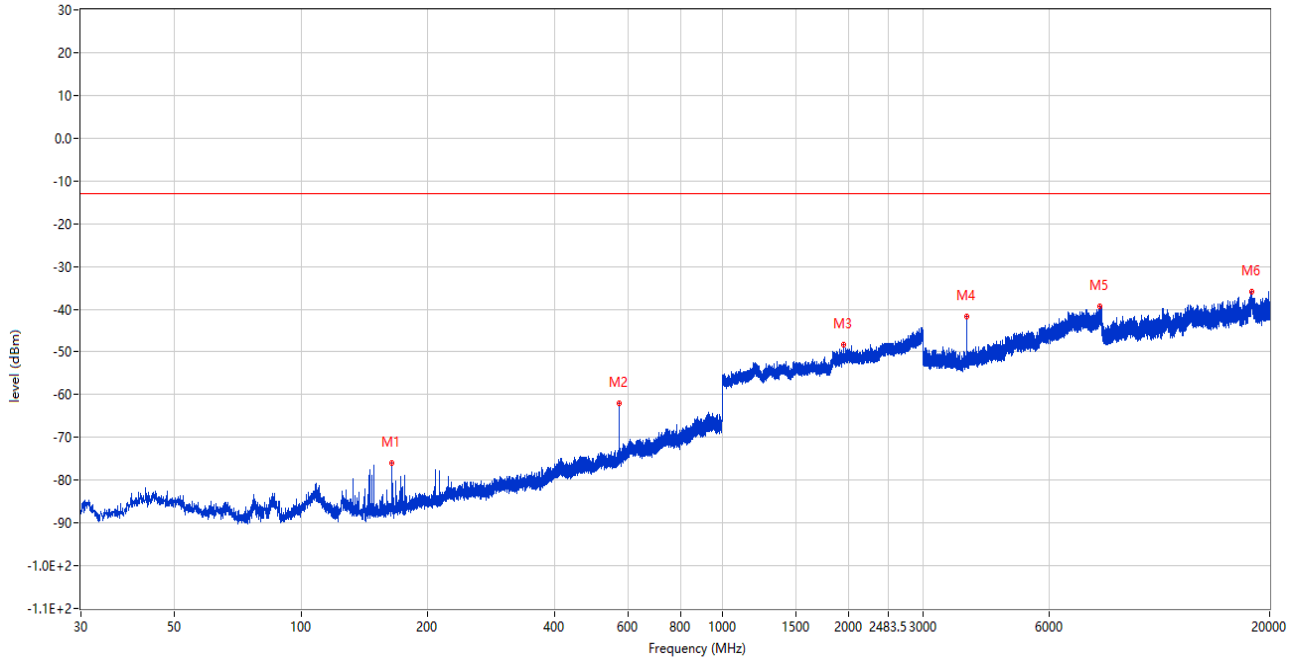


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
145.818	-70.37	-17.46	-13.0	57.37	205.00	Horizontal	Horizontal	Pass
2972.300	-40.11	9.46	-13.0	27.11	355.00	Horizontal	Horizontal	Pass
3760.000	-41.08	6.97	-13.0	28.08	278.00	Horizontal	Horizontal	Pass
4306.000	-42.13	8.71	-13.0	29.13	360.00	Horizontal	Horizontal	Pass
7955.000	-39.25	17.52	-13.0	26.25	112.00	Horizontal	Horizontal	Pass
18116.448	-35.02	23.92	-13.0	22.02	147.00	Horizontal	Horizontal	Pass

20.3 GSM1900 EGPRS, High Channel

RSE-V GSM1900 EGPRS CH810

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

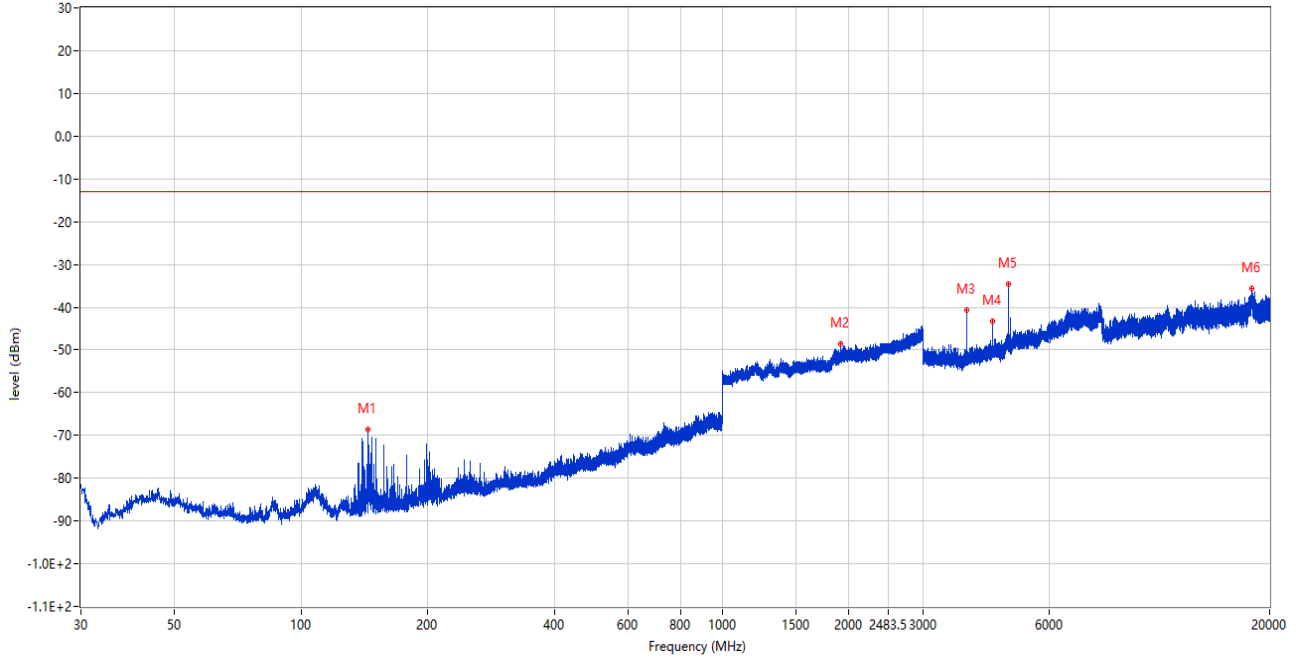


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
164.636	-75.87	-16.39	-13.0	62.87	277.00	Vertical	Horizontal	Pass
570.193	-62.04	-4.96	-13.0	49.04	111.00	Vertical	Horizontal	Pass
1948.000	-48.28	3.07	-13.0	35.28	32.00	Vertical	Horizontal	Pass
3819.500	-41.61	7.38	-13.0	28.61	146.00	Vertical	Horizontal	Pass
7899.750	-39.24	16.81	-13.0	26.24	96.00	Vertical	Horizontal	Pass
18183.875	-36.02	23.43	-13.0	23.02	360.00	Vertical	Horizontal	Pass

# GSM1900 EGPRS, High Channel

## RSE-H GSM1900 EGPRS CH810

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

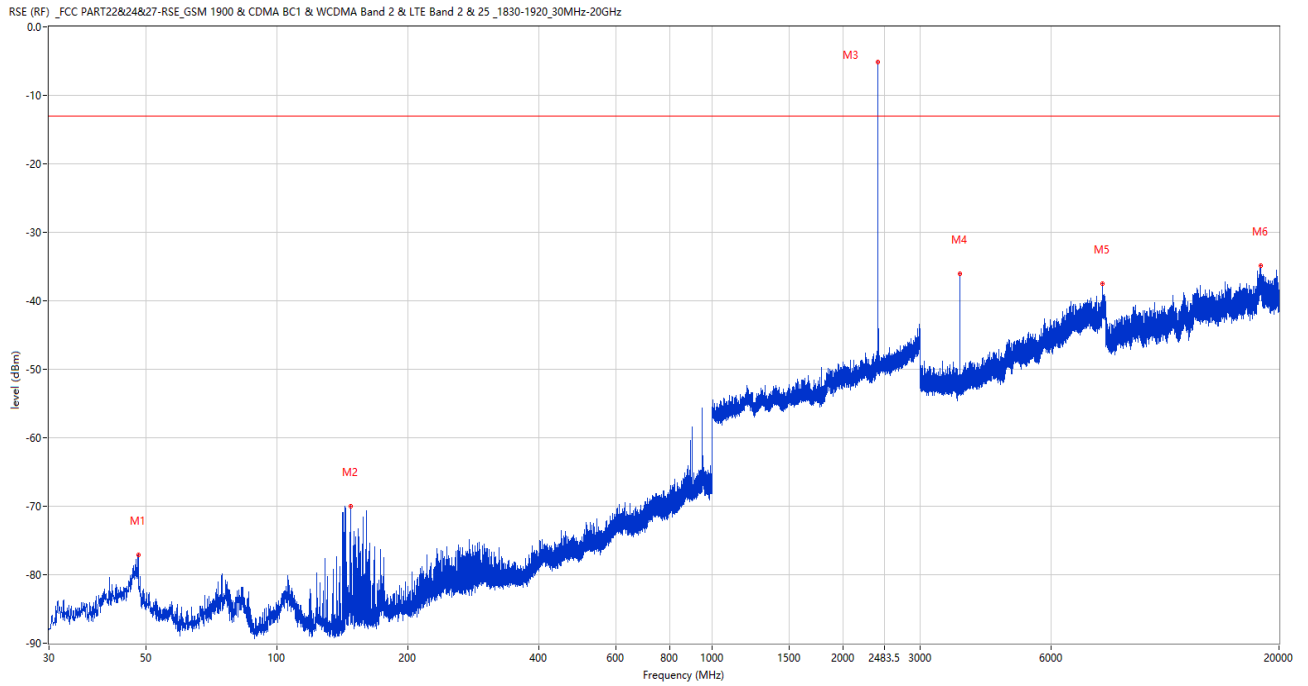


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
144.120	-68.67	-17.59	-13.0	55.67	217.00	Horizontal	Horizontal	Pass
1909.700	-48.55	3.22	-13.0	35.55	316.00	Horizontal	Horizontal	Pass
3819.750	-40.73	7.37	-13.0	27.73	20.00	Horizontal	Horizontal	Pass
4389.750	-43.41	8.65	-13.0	30.41	0.00	Horizontal	Horizontal	Pass
4804.250	-34.53	10.67	-13.0	21.53	0.00	Horizontal	Horizontal	Pass
18116.088	-35.62	23.90	-13.0	22.62	44.00	Horizontal	Horizontal	Pass

## 21. Co-Transmission

### 21.1 GSM1900 GPRS, Low Channel and BLE 2Mbps CH0

#### RSE-V GSM1900 GPRS CH512 + BLE 2Mbps CH0

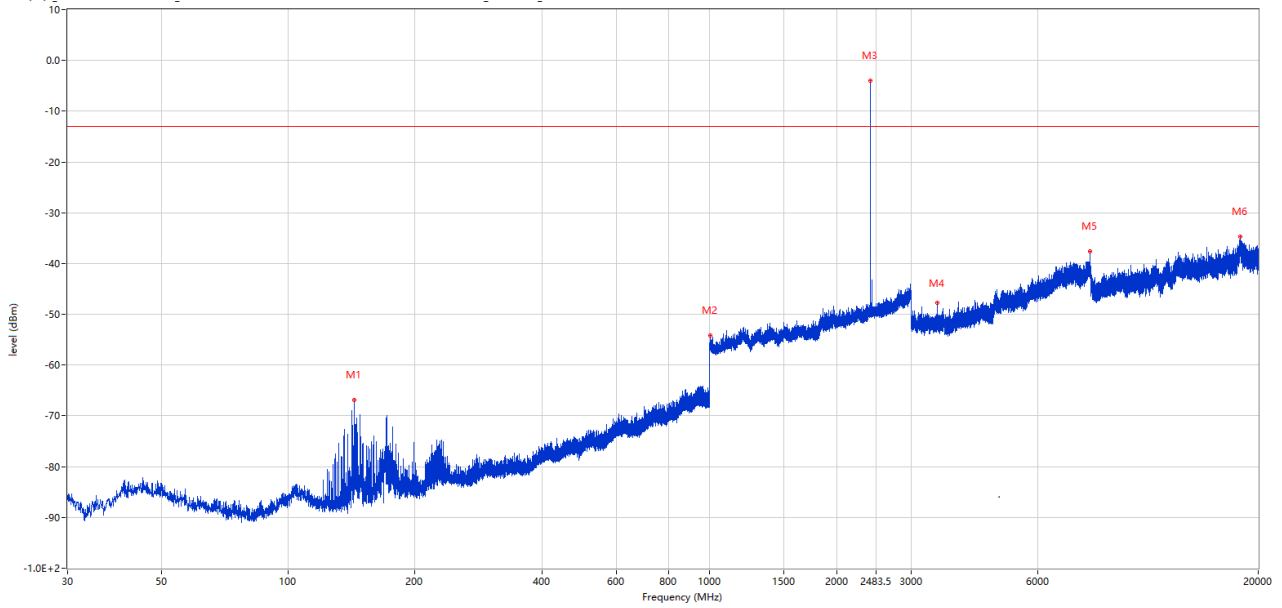


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
48.090	-77.08	-13.57	-13.0	64.08	7.00	Vertical	Horizontal	Pass
147.564	-70.03	-17.34	-13.0	57.03	98.00	Vertical	Horizontal	Pass
2401.800	-5.19	5.73	-13.0	-7.81	152.00	Vertical	Horizontal	N/A
3700.500	-35.99	6.21	-13.0	22.99	336.00	Vertical	Horizontal	Pass
7863.500	-37.55	17.05	-13.0	24.55	248.00	Vertical	Horizontal	Pass
18156.687	-34.82	23.56	-13.0	21.82	20.00	Vertical	Horizontal	Pass

GSM1900 GPRS, Low Channel and BLE 2Mbps CH0

RSE-H GSM1900 GPRS CH512 + BLE 2Mbps CH0

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

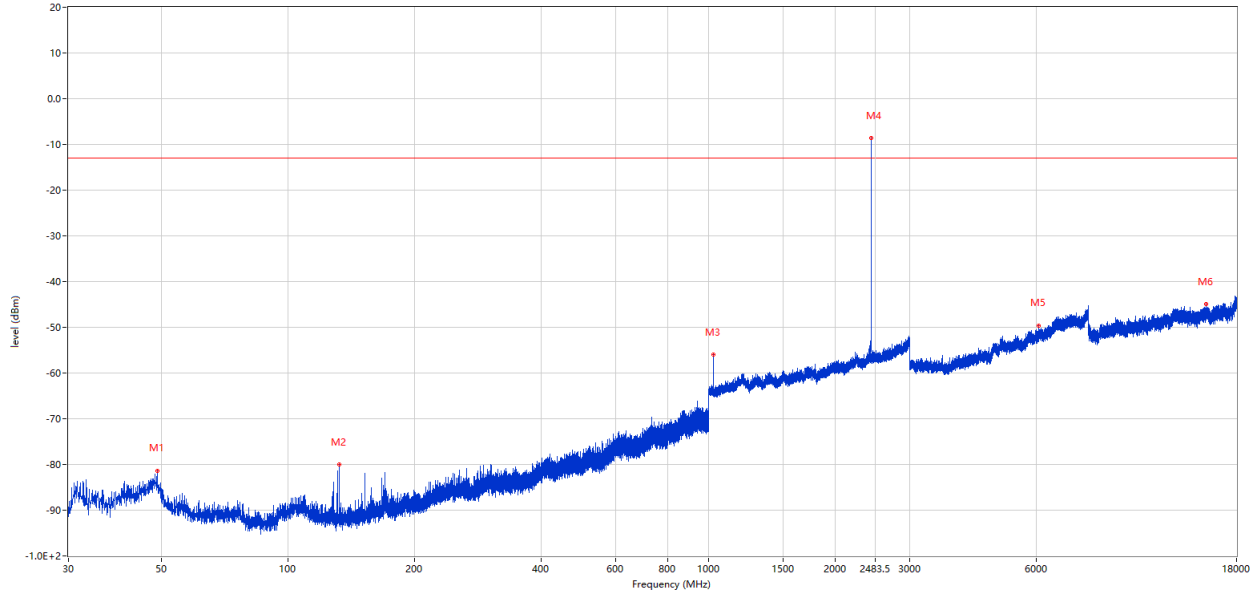


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
143.781	-66.82	-17.61	-13.0	53.82	148.00	Horizontal	Horizontal	Pass
1001.600	-54.16	-0.72	-13.0	41.16	357.00	Horizontal	Horizontal	Pass
2401.900	-4.03	5.73	-13.0	-8.97	271.00	Horizontal	Horizontal	N/A
3500.000	-47.08	6.41	-13.0	34.08	198.00	Horizontal	Horizontal	Pass
7870.750	-38.63	10.69	-13.0	25.63	294.00	Horizontal	Horizontal	Pass
18127.688	-34.68	23.87	-13.0	21.68	0.00	Horizontal	Horizontal	Pass

## 21.2 LTE-CatM1 Band 4 BW5, High Channel and BLE 2Mbps CH0

### RSE-V LTE-CatM1 Band 4 BW5 CH20375 + BLE 2Mbps CH0

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

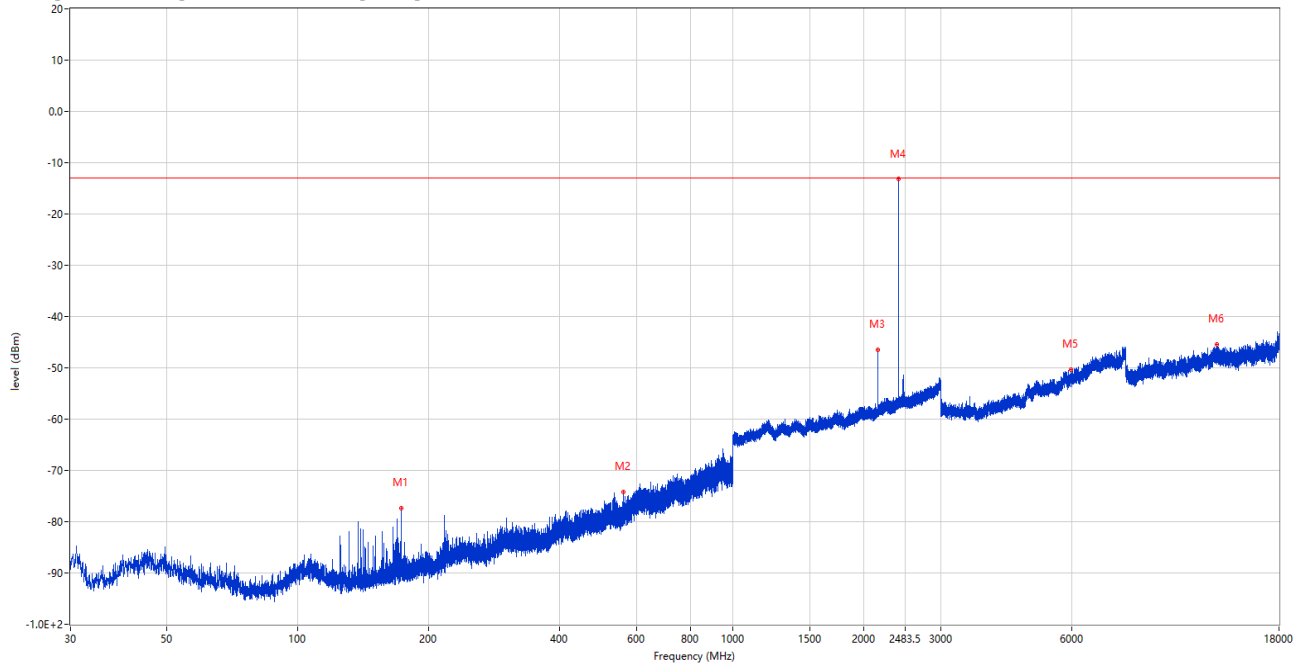


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
48.770	-81.39	-13.69	-13.0	68.39	360.00	Vertical	Horizontal	Pass
132.141	-80.02	-17.73	-13.0	67.02	360.00	Vertical	Horizontal	Pass
1025.500	-55.89	-1.64	-13.0	42.89	180.00	Vertical	Horizontal	Pass
2401.900	-8.62	6.16	-13.0	-4.38	360.00	Vertical	Horizontal	N/A
6099.000	-49.57	12.79	-13.0	36.57	360.00	Vertical	Horizontal	Pass
15221.963	-44.93	20.17	-13.0	31.93	360.00	Vertical	Horizontal	Pass

LTE-CatM1 Band 4 BW5, High Channel and BLE 2Mbps CH0

RSE-H LTE-CatM1 Band 4 BW5 CH20375 + BLE 2Mbps CH0

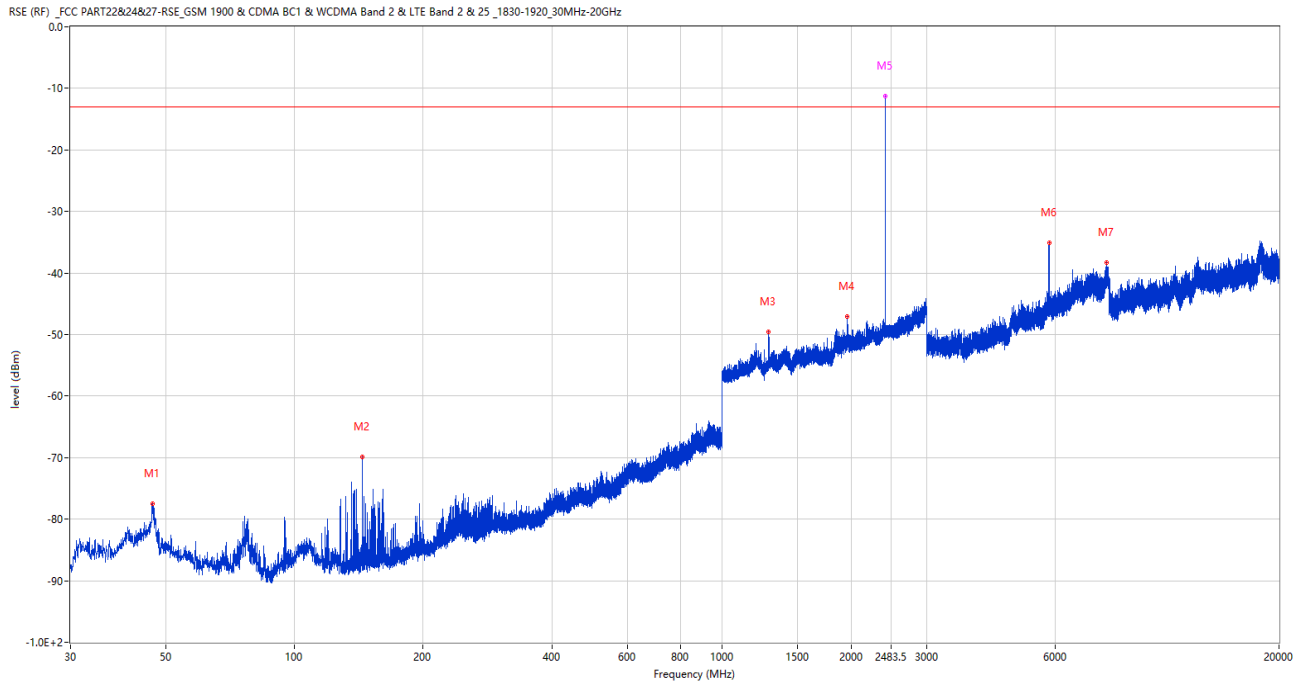
RSE (RF) \_FCC PART22&24&27-RSE\_WCDMA Band 4 & LTE Band 4 & 66\_1710-1785\_30MHz-20GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
172.639	-77.35	-16.33	-13.0	64.35	360.00	Horizontal	Horizontal	Pass
560.784	-74.16	-5.43	-13.0	61.16	360.00	Horizontal	Horizontal	Pass
2152.300	-46.43	3.51	-13.0	33.43	360.00	Horizontal	Horizontal	Pass
2401.900	-13.21	5.50	-13.0	0.21	180.00	Horizontal	Horizontal	N/A
5979.250	-50.40	12.67	-13.0	37.40	360.00	Horizontal	Horizontal	Pass
12927.713	-45.45	19.05	-13.0	32.45	180.00	Horizontal	Horizontal	Pass

### 21.3 NB-IoT Band 25 SCS: 15kHz, Modulation QPSK, Middle Channel and BLE 2Mbps CH0

#### RSE-V NB-IoT Band 25 SCS: 15kHz Modulation QPSK 1#11 CH20525 + BLE 2Mbps CH0



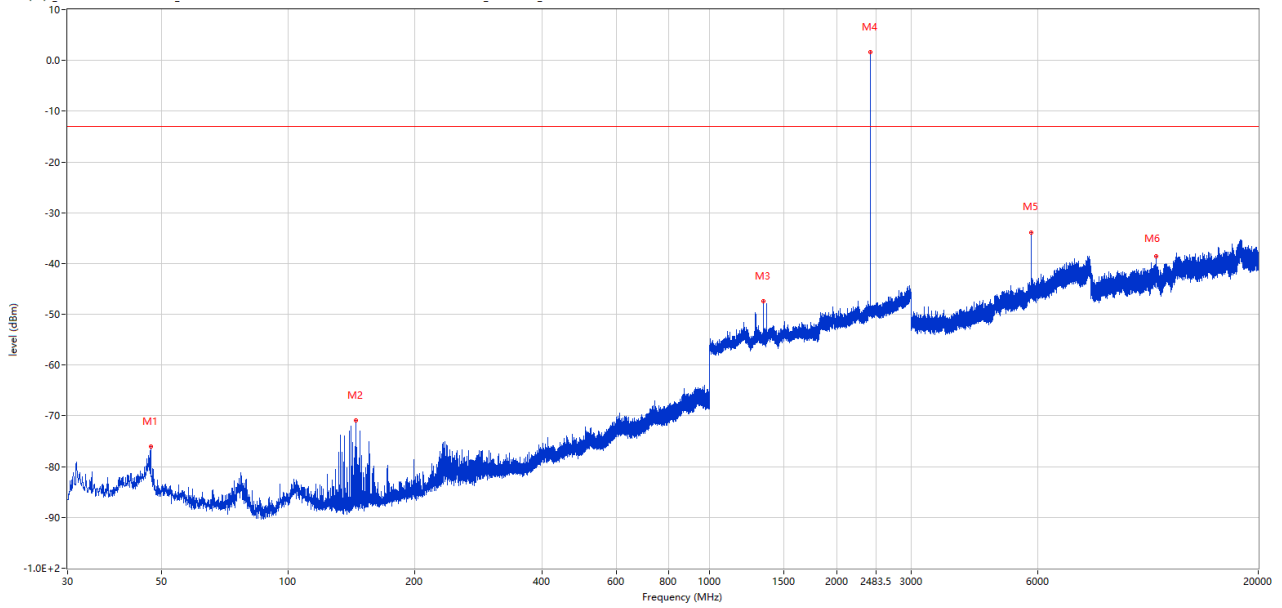
Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
46.587	-77.46	-13.29	-13.0	64.46	360.00	Vertical	Horizontal	Pass
144.314	-69.90	-17.58	-13.0	56.90	24.00	Vertical	Horizontal	Pass
1284.900	-49.53	0.04	-13.0	36.53	166.00	Vertical	Horizontal	Pass
1962.700	-47.08	3.16	-13.0	34.08	0.00	Vertical	Horizontal	Pass
2401.000	-11.21	5.72	-13.0	-1.79	123.00	Vertical	Horizontal	N/A
5808.750	-35.13	12.35	-13.0	22.13	306.00	Vertical	Horizontal	Pass
7905.750	-38.37	16.87	-13.0	25.37	10.00	Vertical	Horizontal	Pass



NB-IoT Band 25 SCS: 15kHz, Modulation QPSK, Middle Channel and BLE 2Mbps CH0

RSE-H NB-IoT Band 25 SCS: 15kHz Modulation QPSK 1#11 CH20525 + BLE 2Mbps CH0

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



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
47.218	-76.04	-13.41	-13.0	63.04	338.00	Vertical	Horizontal	Pass
144.751	-70.91	-17.54	-13.0	57.91	146.00	Vertical	Horizontal	Pass
1338.300	-47.47	-0.41	-13.0	34.47	137.00	Vertical	Horizontal	Pass
2401.800	1.69	5.73	-13.0	-14.69	230.00	Vertical	Horizontal	N/A
5788.500	-33.85	12.29	-13.0	20.85	122.00	Vertical	Horizontal	Pass
13122.335	-38.61	10.67	-13.0	25.61	132.00	Vertical	Horizontal	Pass

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