

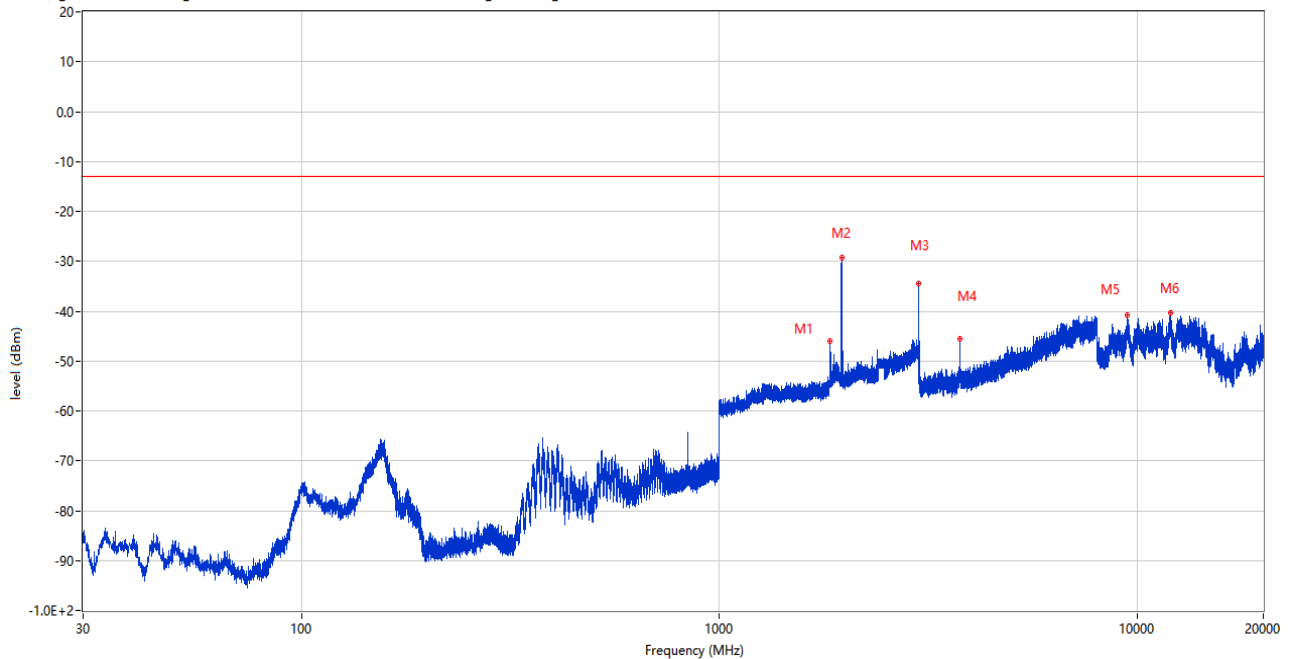
## **A.7 Field Strength of Spurious Radiation**

# 1. LTE

## 1.1 LTE Band 2

BAND:LTE B2 Channel:MID range,BW10M

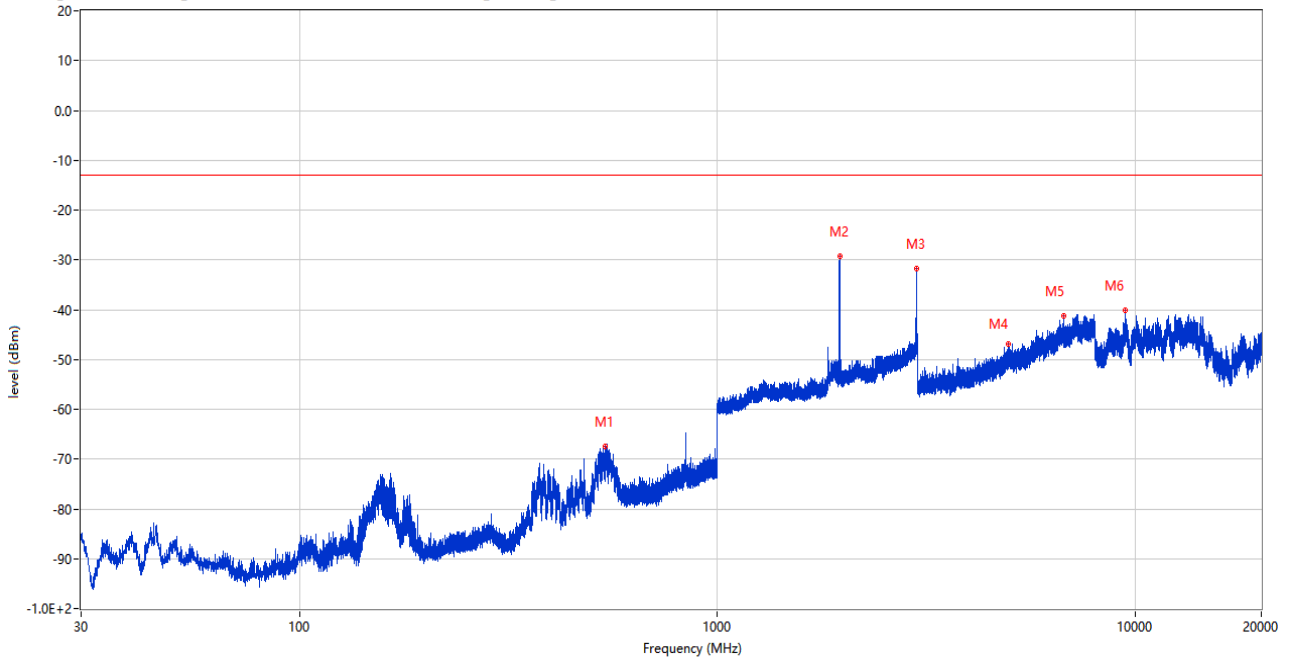
RSE (RF) \_FCC PART22&24&27\_CDMA BC1 & WCDMA Band 2 & LTE Band 2 & 25 \_1830-1920\_30MHz-20GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
1839.600	-45.99	1.79	-13.0	32.99	0.00	Horizontal	Horizontal	Pass
1963.900	-29.19	1.14	-13.0	16.19	242.00	Horizontal	Horizontal	N/A
2994.800	-34.39	8.92	-13.0	21.39	242.00	Horizontal	Horizontal	Pass
3758.750	-45.56	5.80	-13.0	32.56	360.00	Horizontal	Horizontal	Pass
9448.037	-40.77	13.76	-13.0	27.77	270.00	Horizontal	Horizontal	Pass
11977.413	-40.41	14.02	-13.0	27.41	208.00	Horizontal	Horizontal	Pass

**BAND:LTE B2 Channel:MID range,BW10M**

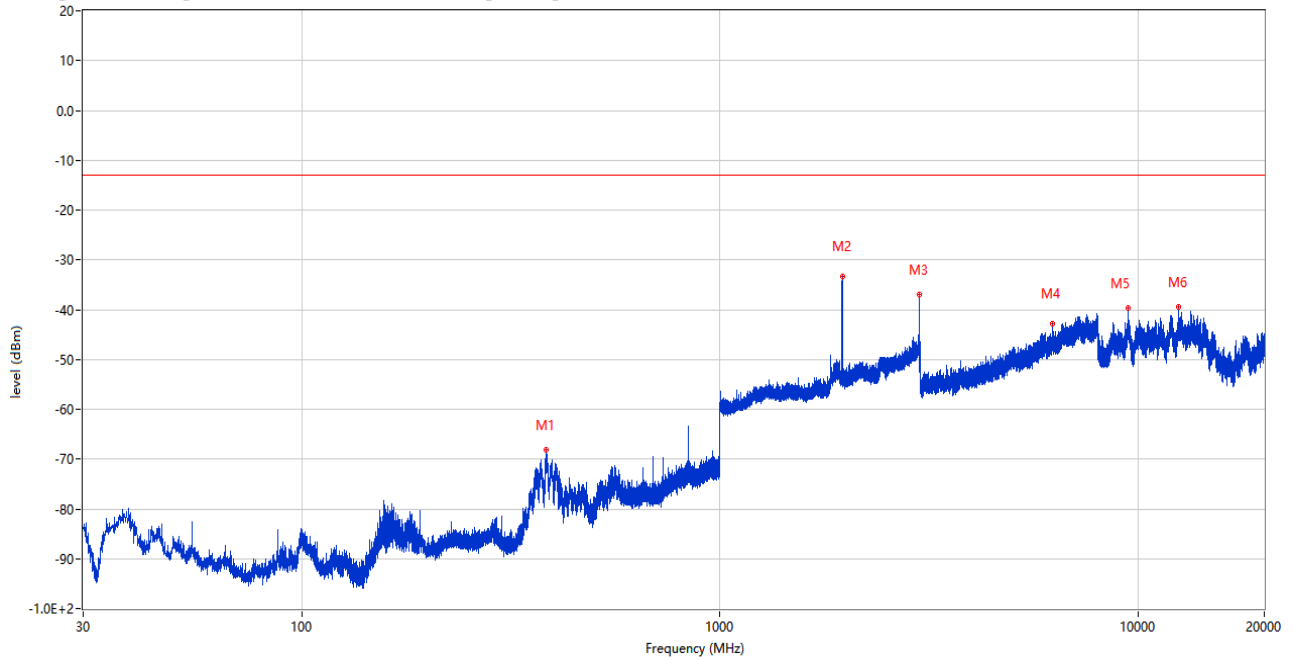
RSE (RF) \_FCC PART22&24&27\_CDMA BC1 & WCDMA Band 2 & LTE Band 2 & 25\_1830-1920\_30MHz-20GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
538.329	-67.49	-8.64	-13.0	54.49	209.00	Horizontal	Vertical	Pass
1961.900	-29.37	1.03	-13.0	16.37	89.00	Horizontal	Vertical	N/A
2996.500	-31.70	9.00	-13.0	18.70	2.00	Horizontal	Vertical	Pass
4971.000	-46.93	9.04	-13.0	33.93	332.00	Horizontal	Vertical	Pass
6717.750	-41.25	13.07	-13.0	28.25	354.00	Horizontal	Vertical	Pass
9443.526	-40.12	13.73	-13.0	27.12	359.00	Horizontal	Vertical	Pass

BAND:LTE B2 Channel:MID range,BW10M

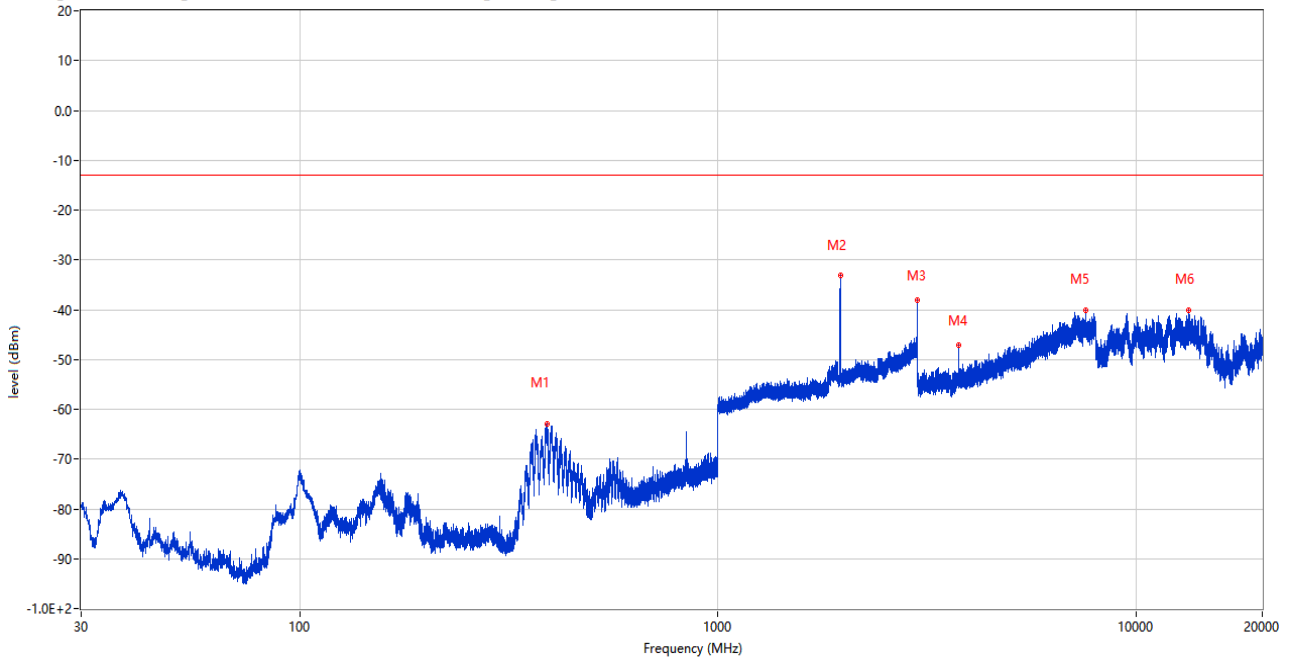
RSE (RF) \_FCC PART22&24&27\_CDMA BC1 & WCDMA Band 2 & LTE Band 2 & 25 \_1830-1920\_30MHz-20GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
383.953	-68.11	-10.33	-13.0	55.11	351.00	Vertical	Vertical	Pass
1963.100	-33.37	1.09	-13.0	20.37	2.00	Vertical	Vertical	N/A
2992.300	-37.03	9.11	-13.0	24.03	195.00	Vertical	Vertical	Pass
6227.750	-42.81	11.94	-13.0	29.81	173.00	Vertical	Vertical	Pass
9466.325	-39.77	13.43	-13.0	26.77	15.00	Vertical	Vertical	Pass
12502.050	-39.49	14.57	-13.0	26.49	167.00	Vertical	Vertical	Pass

BAND:LTE B2 Channel:MID range,BW10M

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

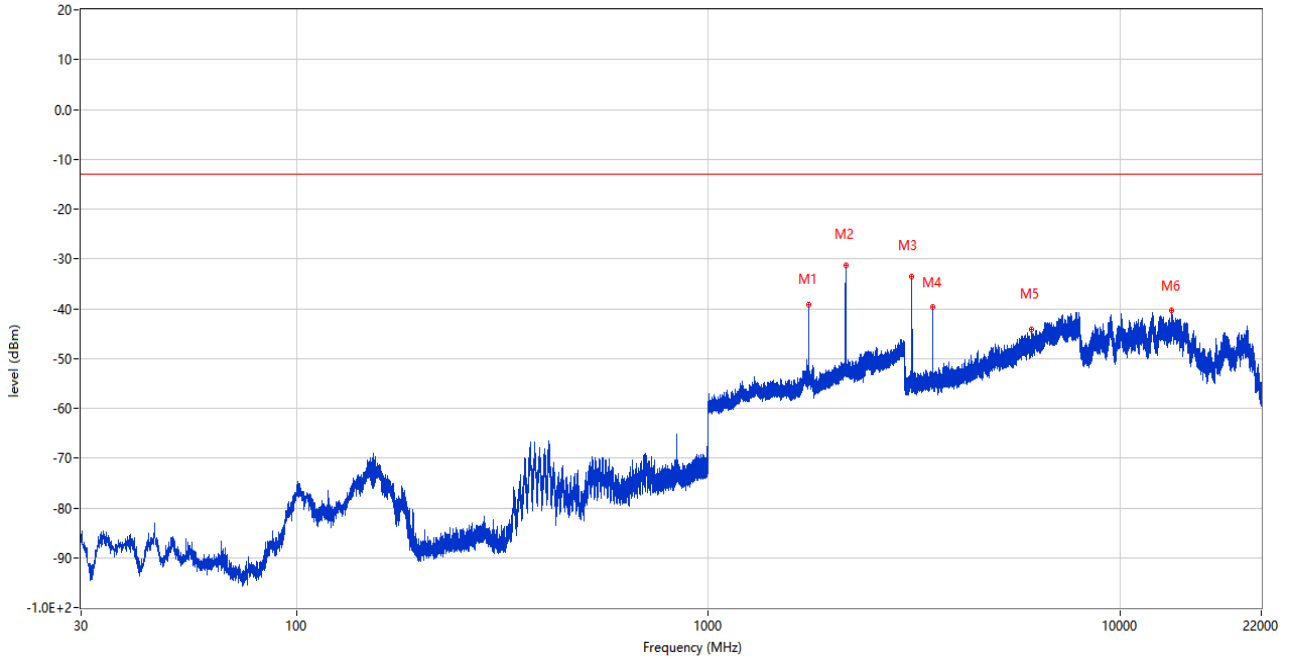


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
389.094	-62.89	-10.26	-13.0	49.89	26.00	Vertical	Horizontal	Pass
1963.400	-33.20	1.12	-13.0	20.20	3.00	Vertical	Horizontal	N/A
2992.800	-38.19	9.00	-13.0	25.19	360.00	Vertical	Horizontal	Pass
3756.250	-47.04	5.55	-13.0	34.04	341.00	Vertical	Horizontal	Pass
7554.000	-40.20	13.61	-13.0	27.20	262.00	Vertical	Horizontal	Pass
13349.576	-40.20	16.76	-13.0	27.20	41.00	Vertical	Horizontal	Pass

## 1.2 LTE Band 4

### BAND:LTE B4 Channel:HIGH range,BW3M

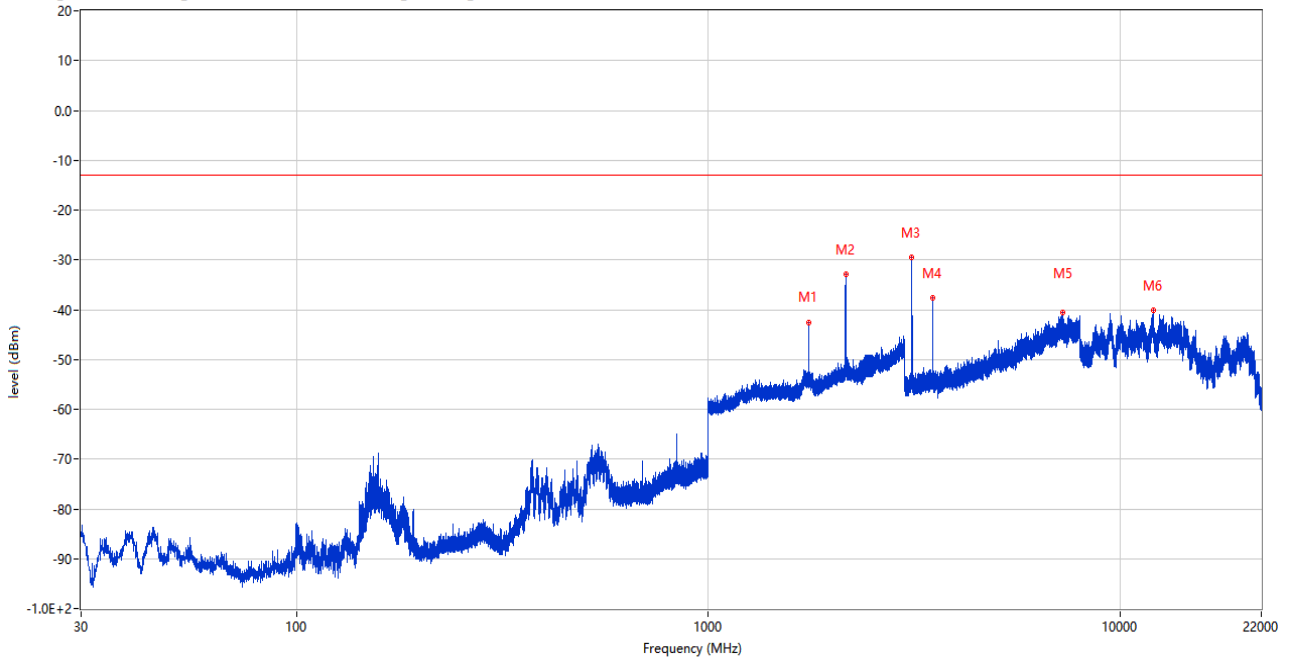
RSE (RF) \_FCC PART22&24&27\_WCDMA Band 4 & LTE Band 4 & 66 \_1710-1785\_30MHz-20GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
1753.200	-39.31	0.97	-13.0	26.31	349.00	Horizontal	Horizontal	N/A
2154.700	-31.41	3.02	-13.0	18.41	233.00	Horizontal	Horizontal	N/A
3121.250	-33.65	3.77	-13.0	20.65	0.00	Horizontal	Horizontal	Pass
3509.000	-39.73	4.44	-13.0	26.73	184.00	Horizontal	Horizontal	Pass
6087.500	-44.28	10.34	-13.0	31.28	150.00	Horizontal	Horizontal	Pass
13350.787	-40.30	16.77	-13.0	27.30	360.00	Horizontal	Horizontal	Pass

**BAND:LTE B4 Channel:HIGH range,BW3M**

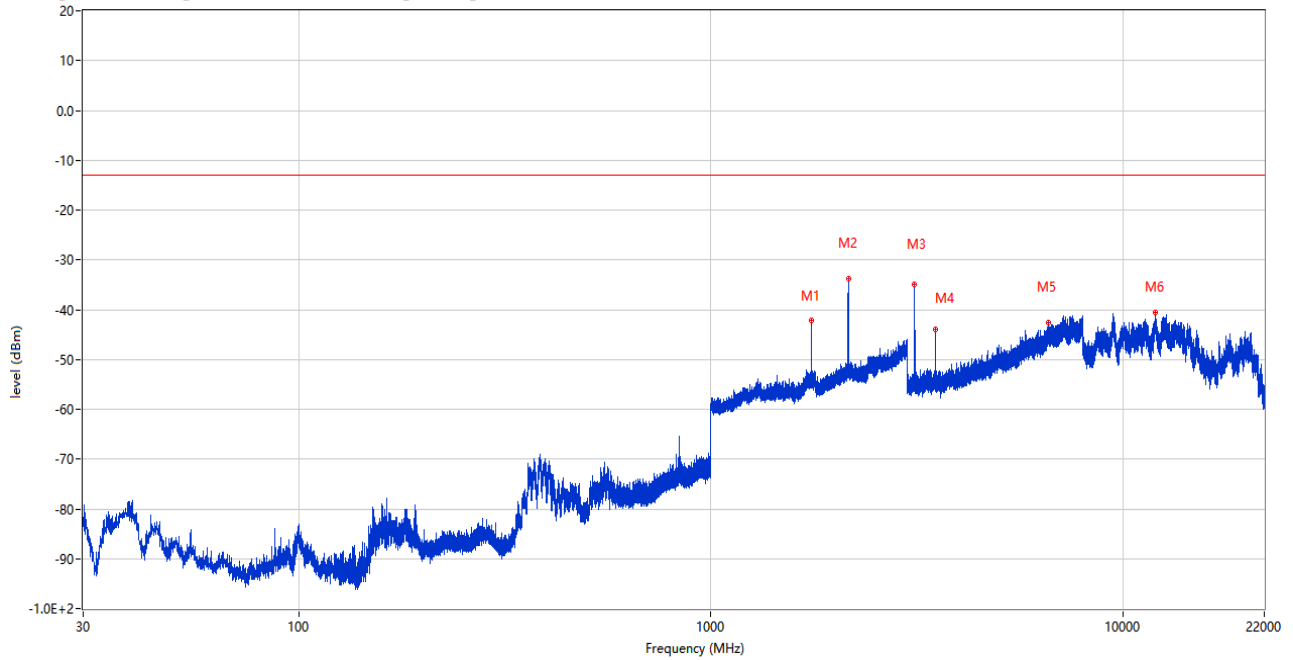
RSE (RF) \_FCC PART22&24&27\_WCDMA Band 4 & LTE Band 4 & 66 \_1710-1785\_30MHz-20GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
1753.400	-42.49	0.96	-13.0	29.49	3.00	Horizontal	Vertical	N/A
2154.900	-32.98	3.02	-13.0	19.98	233.00	Horizontal	Vertical	N/A
3121.250	-29.51	3.77	-13.0	16.51	0.00	Horizontal	Vertical	Pass
3507.500	-37.70	4.47	-13.0	24.70	27.00	Horizontal	Vertical	Pass
7241.500	-40.62	15.00	-13.0	27.62	360.00	Horizontal	Vertical	Pass
12025.150	-40.17	13.49	-13.0	27.17	151.00	Horizontal	Vertical	Pass

**BAND:LTE B4 Channel:HIGH range,BW3M**

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

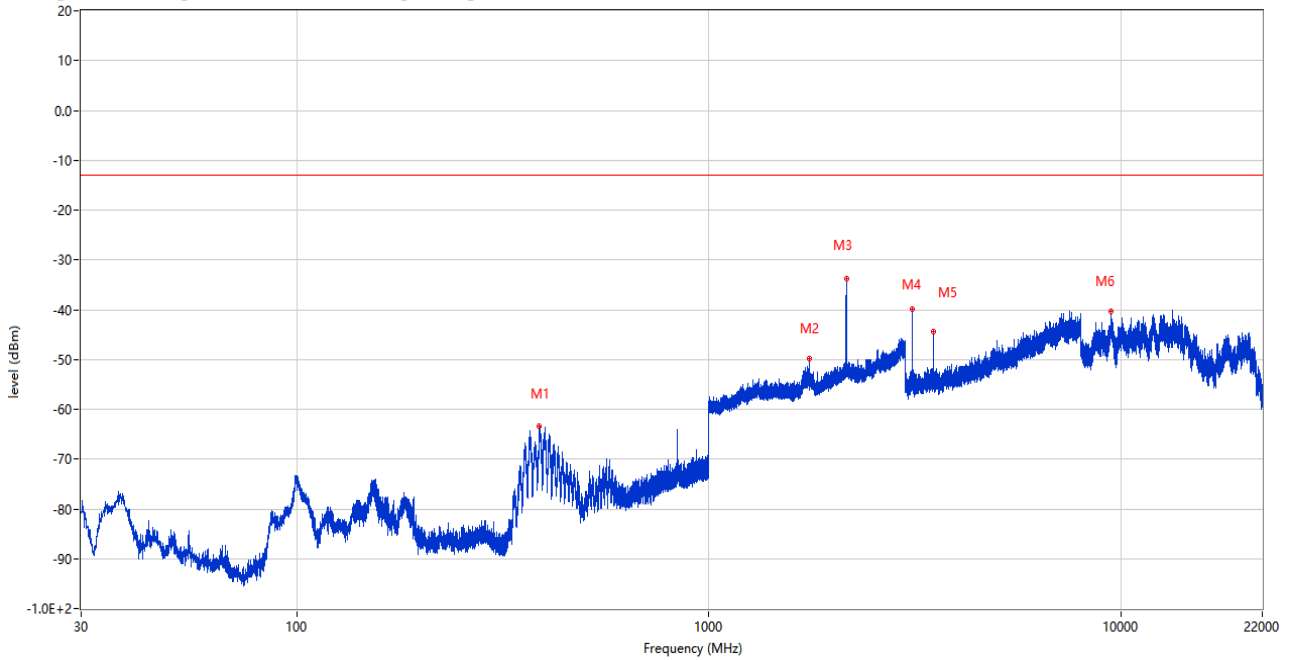


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
1753.600	-42.26	0.96	-13.0	29.26	194.00	Vertical	Vertical	N/A
2153.700	-33.86	3.04	-13.0	20.86	348.00	Vertical	Vertical	N/A
3120.250	-34.97	3.76	-13.0	21.97	47.00	Vertical	Vertical	Pass
3509.250	-44.01	4.40	-13.0	31.01	69.00	Vertical	Vertical	Pass
6595.750	-42.62	13.53	-13.0	29.62	300.00	Vertical	Vertical	Pass
11992.849	-40.48	14.01	-13.0	27.48	0.00	Vertical	Vertical	Pass



**BAND:LTE B4 Channel:HIGH range,BW3M**

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

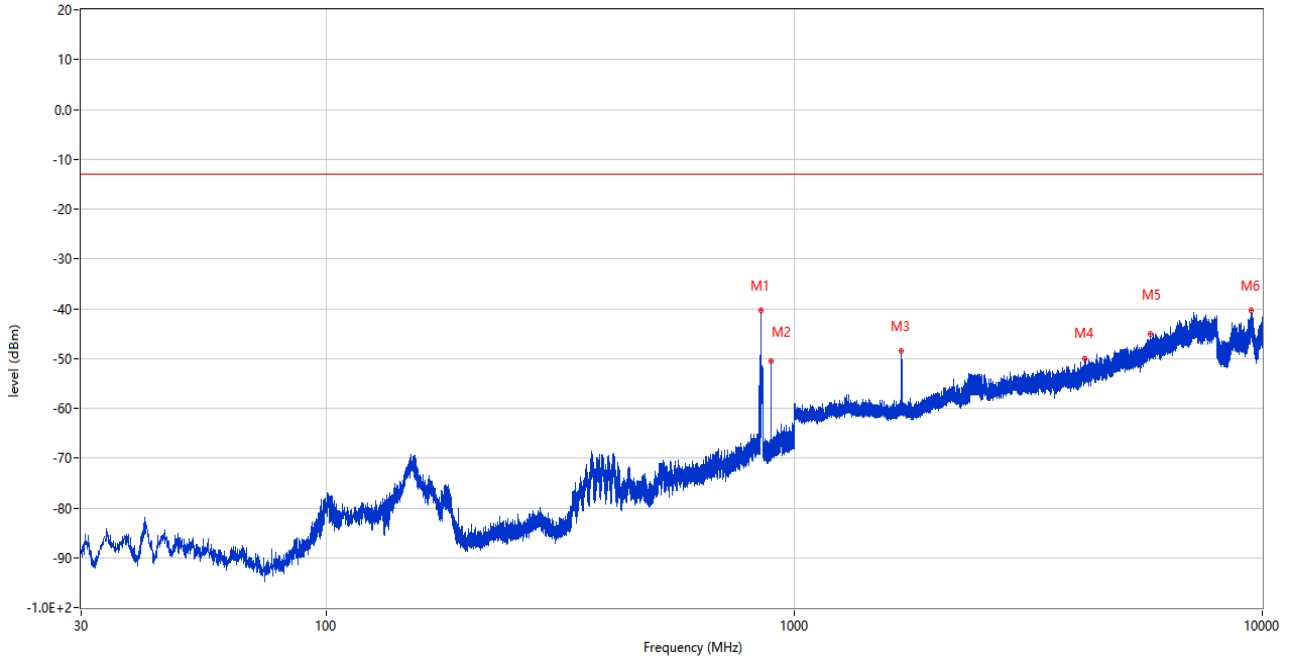


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
387.930	-63.45	-10.25	-13.0	50.45	360.00	Vertical	Horizontal	Pass
1753.000	-49.75	0.97	-13.0	36.75	166.00	Vertical	Horizontal	N/A
2153.800	-33.77	3.04	-13.0	20.77	340.00	Vertical	Horizontal	N/A
3121.750	-39.83	3.79	-13.0	26.83	65.00	Vertical	Horizontal	Pass
3509.250	-44.51	4.40	-13.0	31.51	0.00	Vertical	Horizontal	Pass
9451.362	-40.25	13.75	-13.0	27.25	269.00	Vertical	Horizontal	Pass

### 1.3 LTE Band 5

#### BAND:LTE B5 Channel:HIGH range,BW3M

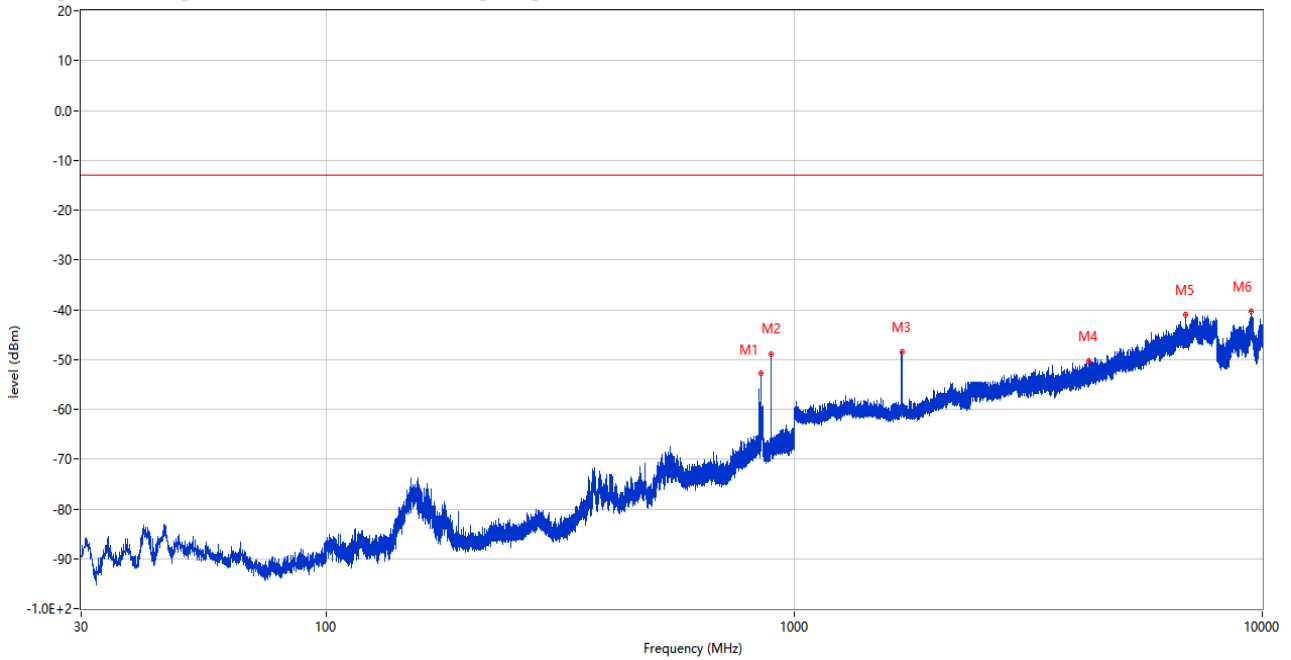
RSE (RF) \_FCC PART22&24&27\_CDMA BC0 & WCDMA Bands5 & LTE Band 5 & 26\_814-849\_30MHz-10GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
848.777	-40.44	5.54	-13.0	27.44	290.00	Horizontal	Horizontal	N/A
891.845	-50.54	4.48	-13.0	37.54	101.00	Horizontal	Horizontal	N/A
1694.100	-48.57	-4.92	-13.0	35.57	14.00	Horizontal	Horizontal	Pass
4184.000	-49.95	7.00	-13.0	36.95	266.00	Horizontal	Horizontal	Pass
5760.500	-45.18	10.13	-13.0	32.18	310.00	Horizontal	Horizontal	Pass
9468.500	-40.33	13.39	-13.0	27.33	0.00	Horizontal	Horizontal	Pass

**BAND:LTE B5 Channel:HIGH range,BW3M**

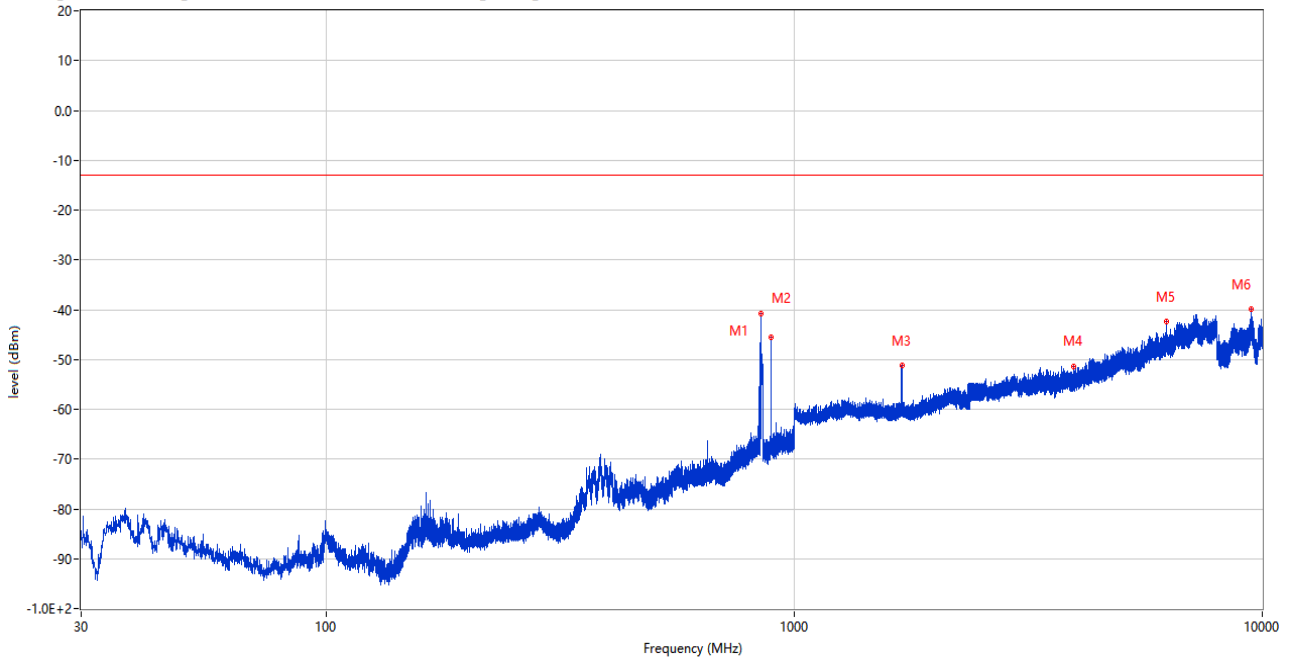
RSE (RF) \_FCC PART22&24&27\_CDMA BC0 & WCDMA Band5 & LTE Band 5 & 26\_814-849\_30MHz-10GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
848.825	-52.81	5.54	-13.0	39.81	229.00	Horizontal	Vertical	N/A
892.815	-48.93	4.52	-13.0	35.93	124.00	Horizontal	Vertical	N/A
1698.100	-48.44	-4.87	-13.0	35.44	160.00	Horizontal	Vertical	Pass
4270.500	-50.30	6.34	-13.0	37.30	285.00	Horizontal	Vertical	Pass
6865.750	-40.94	12.55	-13.0	27.94	251.00	Horizontal	Vertical	Pass
9466.900	-40.39	13.42	-13.0	27.39	3.00	Horizontal	Vertical	Pass

**BAND:LTE B5 Channel:HIGH range,BW3M**

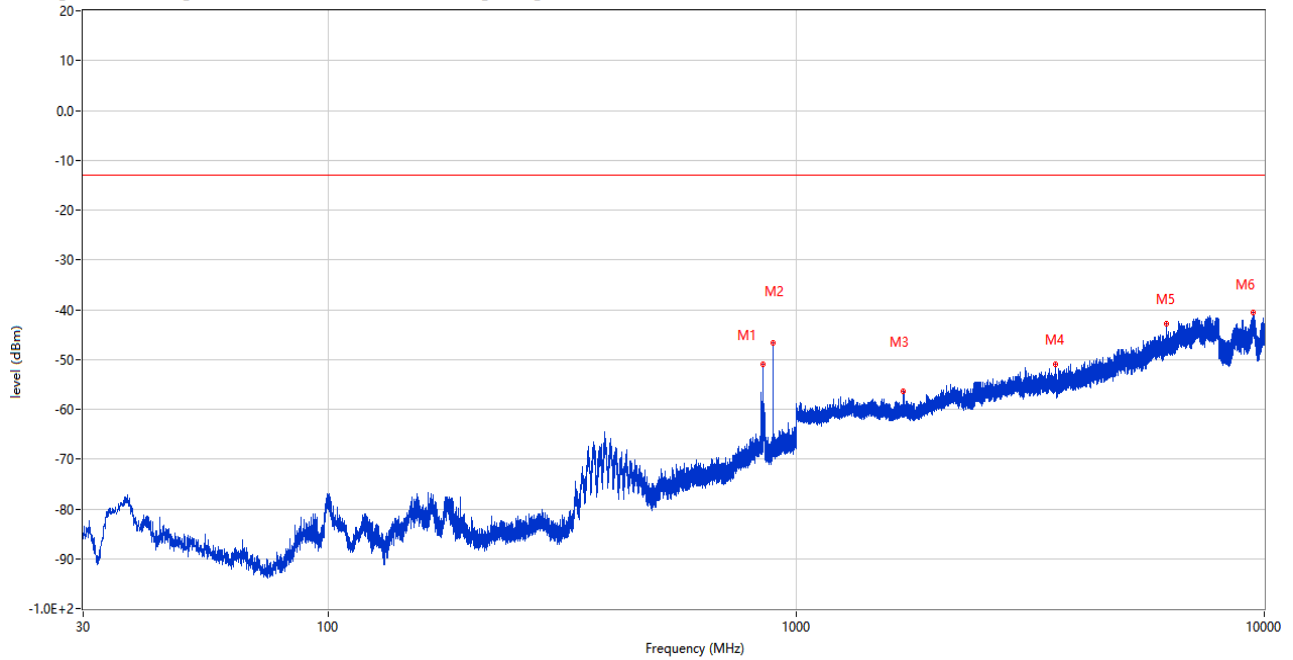
RSE (RF) \_FCC PART22&24&27\_CDMA BC0 & WCDMA Band5 & LTE Band 5 & 26 \_814-849\_30MHz-10GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
848.777	-40.78	5.54	-13.0	27.78	253.00	Vertical	Vertical	N/A
893.154	-45.48	4.51	-13.0	32.48	278.00	Vertical	Vertical	N/A
1697.700	-51.26	-4.88	-13.0	38.26	177.00	Vertical	Vertical	Pass
3952.000	-51.30	6.43	-13.0	38.30	83.00	Vertical	Vertical	Pass
6227.250	-42.41	11.90	-13.0	29.41	236.00	Vertical	Vertical	Pass
9449.800	-39.92	13.78	-13.0	26.92	1.00	Vertical	Vertical	Pass

**BAND:LTE B5 Channel:HIGH range,BW3M**

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

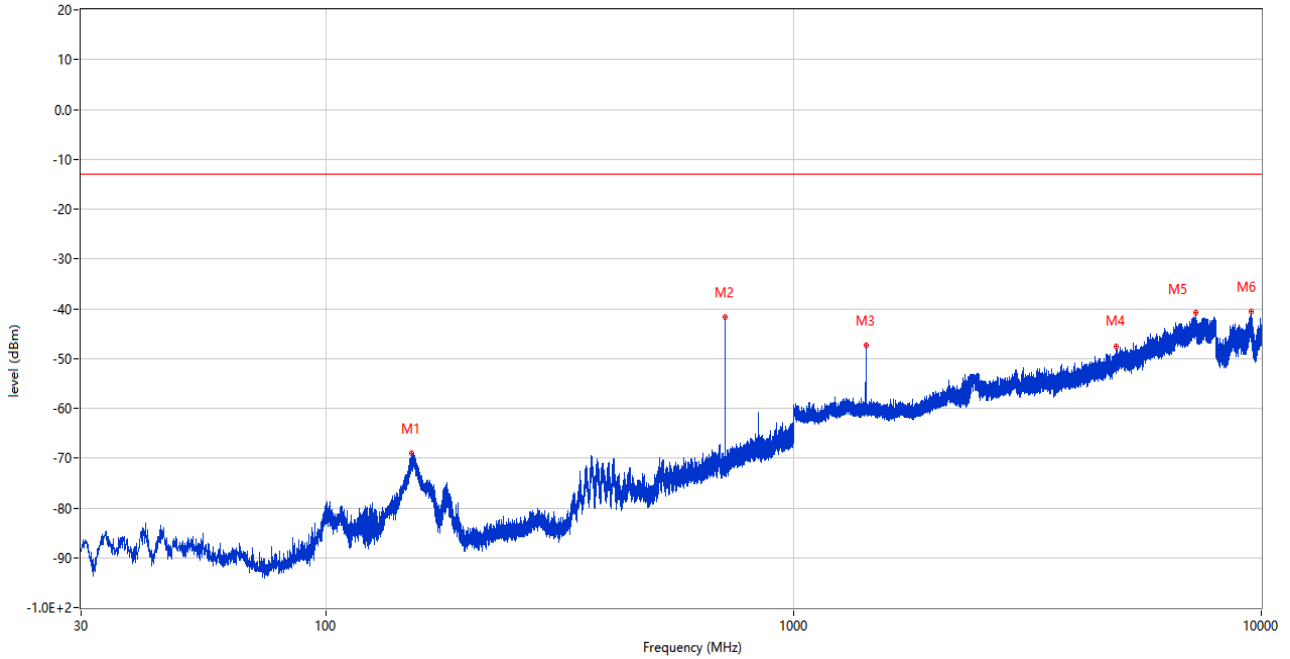


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
848.777	-50.95	5.54	-13.0	37.95	345.00	Vertical	Horizontal	N/A
891.263	-46.72	4.48	-13.0	33.72	256.00	Vertical	Horizontal	N/A
1695.000	-56.39	-4.84	-13.0	43.39	97.00	Vertical	Horizontal	Pass
3585.250	-50.92	5.41	-13.0	37.92	1.00	Vertical	Horizontal	Pass
6172.500	-42.90	11.14	-13.0	29.90	154.00	Vertical	Horizontal	Pass
9449.400	-40.67	13.78	-13.0	27.67	152.00	Vertical	Horizontal	Pass

## 1.4 LTE Band 12

BAND:LTE B12 Channel:HIGH range,BW3M

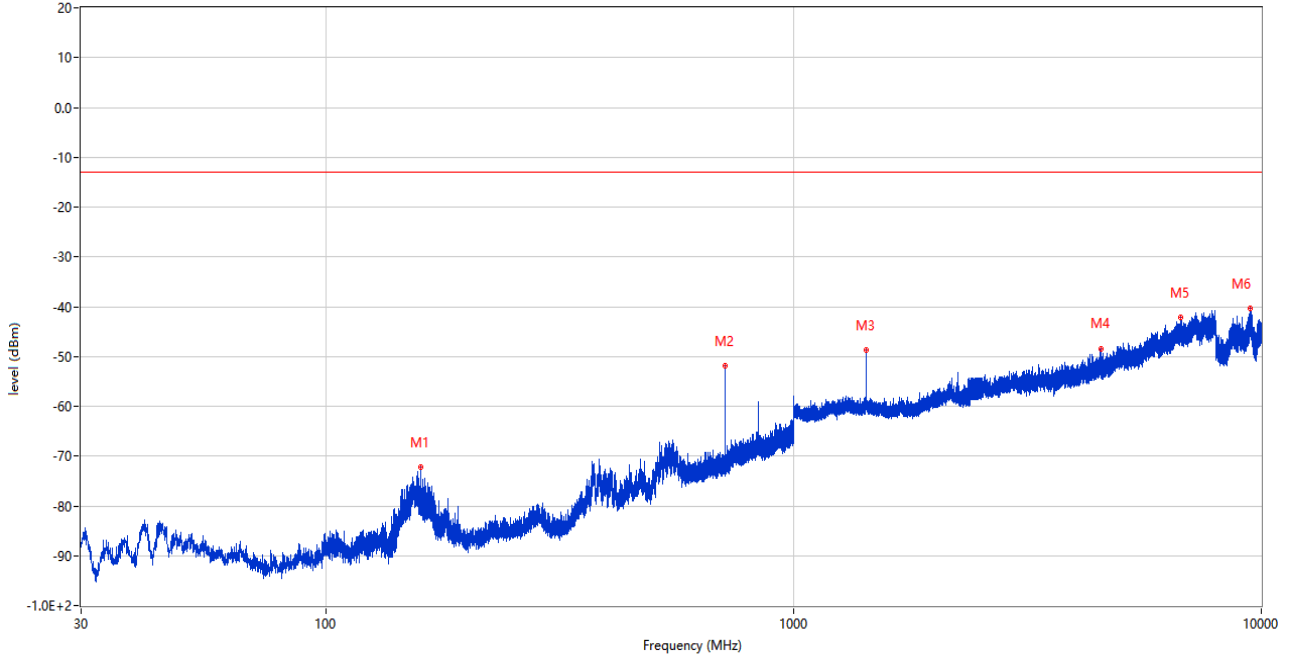
RSE (RF) \_FCC PART22&24&27\_LTE B12 & B17 & B28\_699-748\_30MHz-10GHz\_



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
153.044	-69.05	-20.10	-13.0	56.05	206.00	Horizontal	Horizontal	Pass
713.219	-41.70	1.47	-13.0	28.70	250.00	Horizontal	Horizontal	N/A
1429.700	-47.36	-5.29	-13.0	34.36	332.00	Horizontal	Horizontal	Pass
4903.500	-47.48	8.22	-13.0	34.48	0.00	Horizontal	Horizontal	Pass
7240.500	-40.68	15.00	-13.0	27.68	156.00	Horizontal	Horizontal	Pass
9502.900	-40.65	12.75	-13.0	27.65	109.00	Horizontal	Horizontal	Pass

BAND:LTE B12 Channel:HIGH range,BW3M

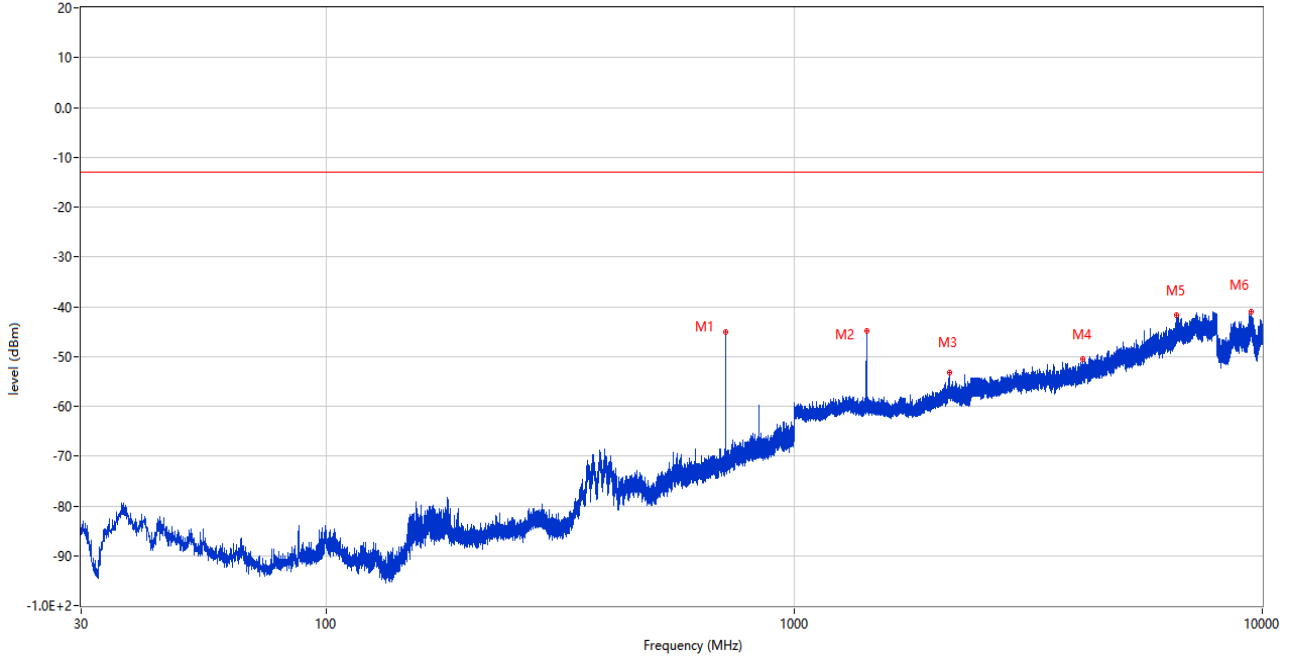
RSE (RF) \_FCC PART22&24&27\_LTE B12 & B17 & B28 \_699-748\_30MHz-10GHz\_



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
159.980	-72.16	-17.56	-13.0	59.16	360.00	Horizontal	Vertical	Pass
713.219	-51.94	1.47	-13.0	38.94	72.00	Horizontal	Vertical	N/A
1428.400	-48.74	-5.24	-13.0	35.74	340.00	Horizontal	Vertical	Pass
4536.750	-48.51	7.10	-13.0	35.51	339.00	Horizontal	Vertical	Pass
6708.500	-42.20	13.07	-13.0	29.20	207.00	Horizontal	Vertical	Pass
9455.400	-40.30	13.67	-13.0	27.30	360.00	Horizontal	Vertical	Pass

BAND:LTE B12 Channel:HIGH range,BW3M

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

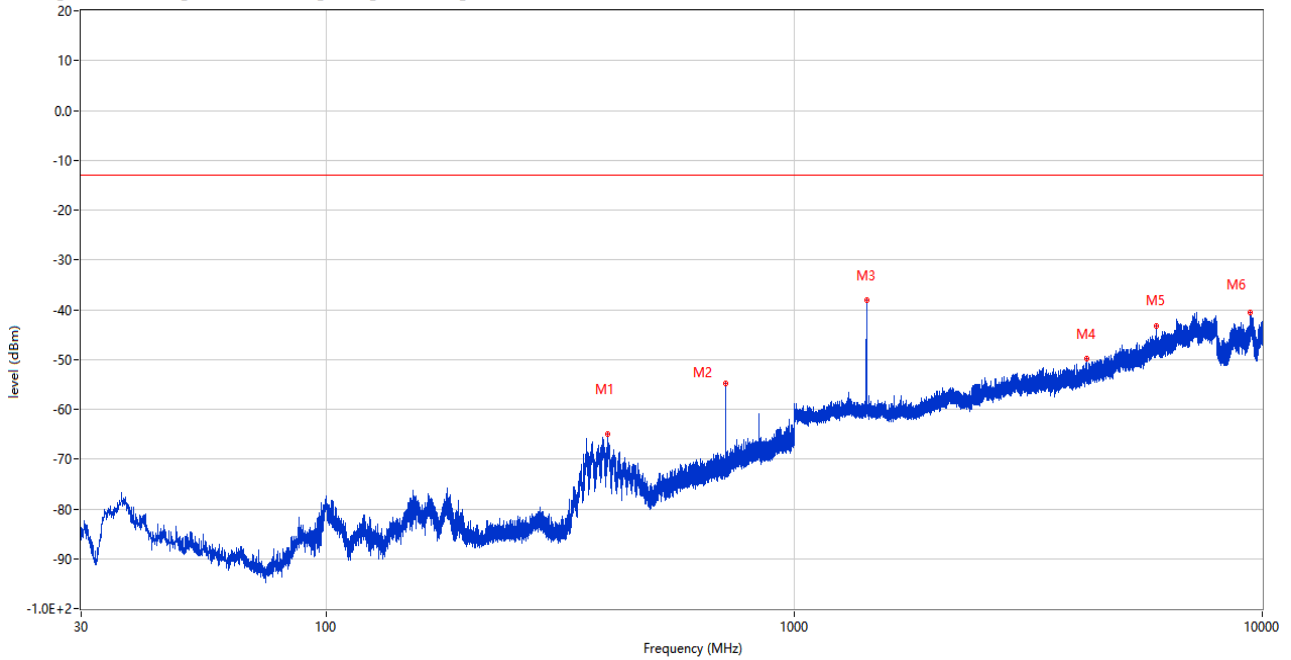


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
713.317	-45.00	1.47	-13.0	32.00	241.00	Vertical	Vertical	N/A
1428.200	-44.82	-5.23	-13.0	31.82	174.00	Vertical	Vertical	Pass
2143.600	-53.23	-2.24	-13.0	40.23	218.00	Vertical	Vertical	Pass
4135.250	-50.46	6.34	-13.0	37.46	0.00	Vertical	Vertical	Pass
6553.250	-41.60	12.46	-13.0	28.60	0.00	Vertical	Vertical	Pass
9470.300	-41.08	13.35	-13.0	28.08	3.00	Vertical	Vertical	Pass



BAND:LTE B12 Channel:HIGH range,BW3M

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

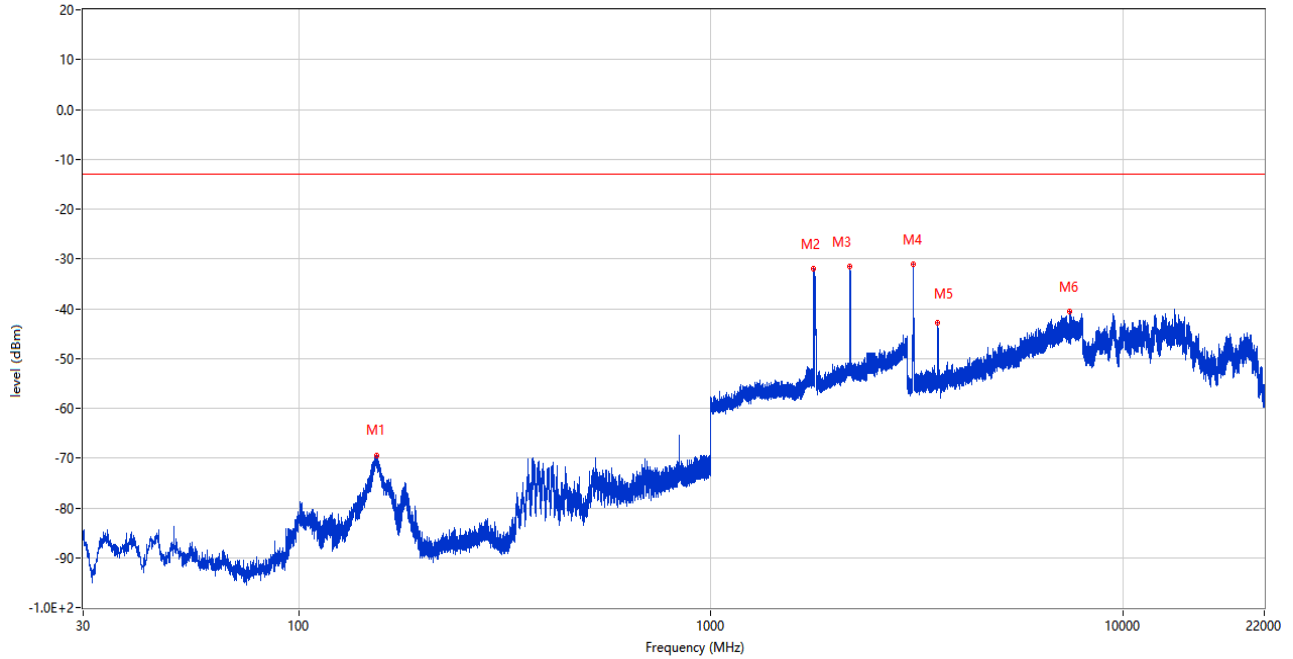


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
400.443	-65.07	-6.70	-13.0	52.07	21.00	Vertical	Horizontal	Pass
713.462	-54.79	1.47	-13.0	41.79	346.00	Vertical	Horizontal	N/A
1428.000	-38.11	-5.22	-13.0	25.11	26.00	Vertical	Horizontal	Pass
4222.000	-49.94	6.23	-13.0	36.94	0.00	Vertical	Horizontal	Pass
5951.000	-43.19	10.97	-13.0	30.19	179.00	Vertical	Horizontal	Pass
9435.000	-40.52	13.66	-13.0	27.52	0.00	Vertical	Horizontal	Pass

## 1.5 LTE Band 66

BAND:LTE B66 Channel:MID range,BW10M

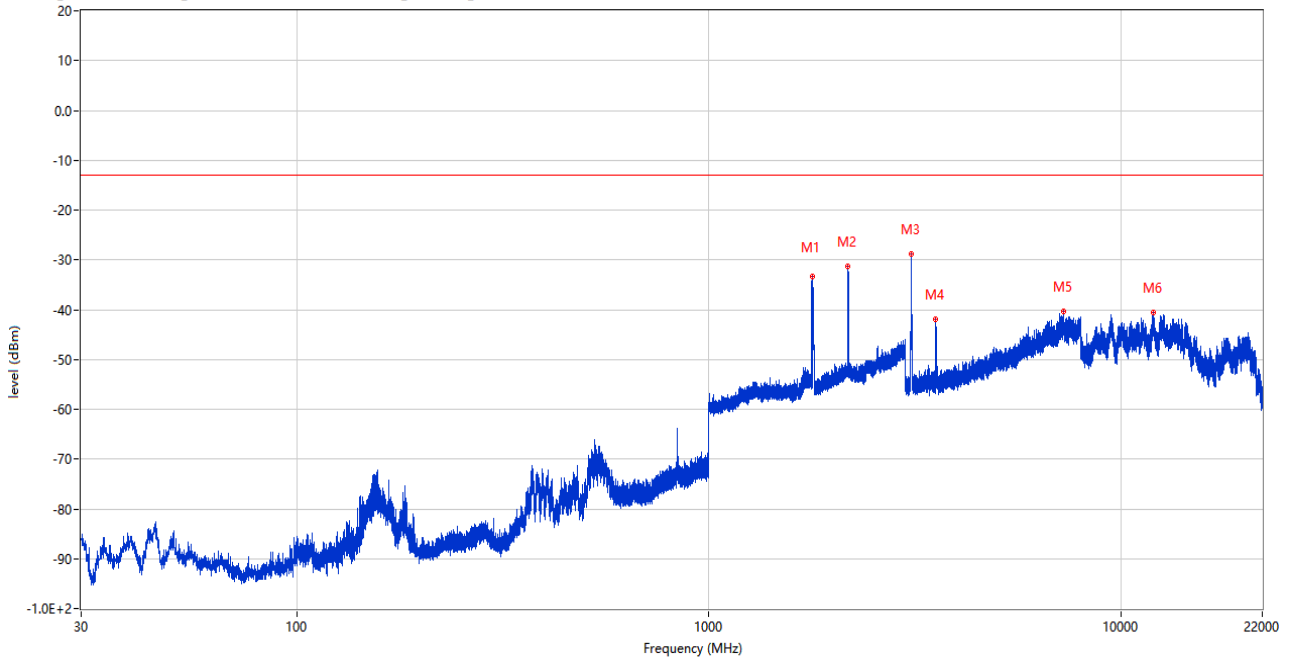
RSE (RF) \_FCC PART22&24&27\_WCDMA Band 4 & LTE Band 4 & 66 \_1710-1785\_30MHz-20GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
154.500	-69.39	-21.55	-13.0	56.39	189.00	Horizontal	Horizontal	Pass
1777.800	-32.04	0.91	-13.0	19.04	360.00	Horizontal	Horizontal	N/A
2173.900	-31.49	2.98	-13.0	18.49	232.00	Horizontal	Horizontal	N/A
3103.750	-31.16	3.77	-13.0	18.16	354.00	Horizontal	Horizontal	Pass
3550.500	-42.79	5.01	-13.0	29.79	190.00	Horizontal	Horizontal	Pass
7401.750	-40.60	14.02	-13.0	27.60	36.00	Horizontal	Horizontal	Pass

**BAND:LTE B66 Channel:MID range,BW10M**

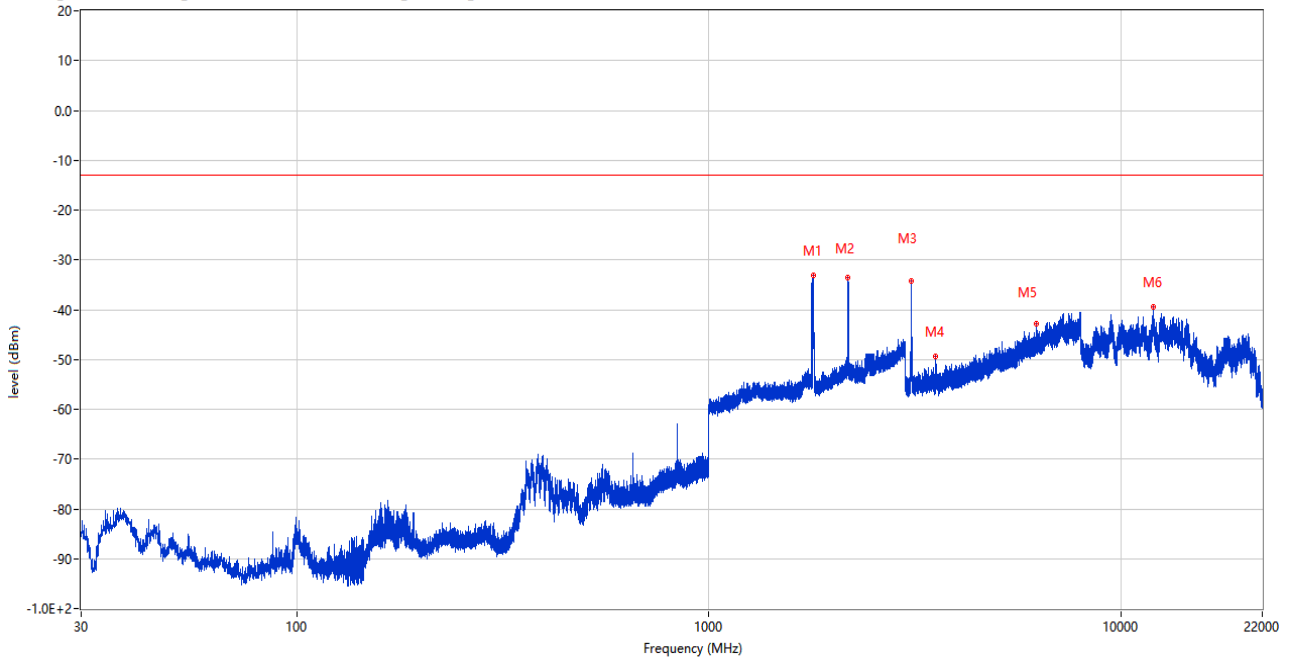
RSE (RF) FCC PART22&24&27\_WCDMA Band 4 & LTE Band 4 & 66\_1710-1785\_30MHz-20GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
1778.200	-33.30	0.91	-13.0	20.30	0.00	Horizontal	Vertical	N/A
2177.100	-31.27	2.93	-13.0	18.27	254.00	Horizontal	Vertical	N/A
3099.750	-28.80	4.08	-13.0	15.80	360.00	Horizontal	Vertical	Pass
3550.750	-41.93	5.02	-13.0	28.93	2.00	Horizontal	Vertical	Pass
7233.250	-40.28	14.76	-13.0	27.28	145.00	Horizontal	Vertical	Pass
11973.137	-40.56	14.03	-13.0	27.56	177.00	Horizontal	Vertical	Pass

BAND:LTE B66 Channel:MID range,BW10M

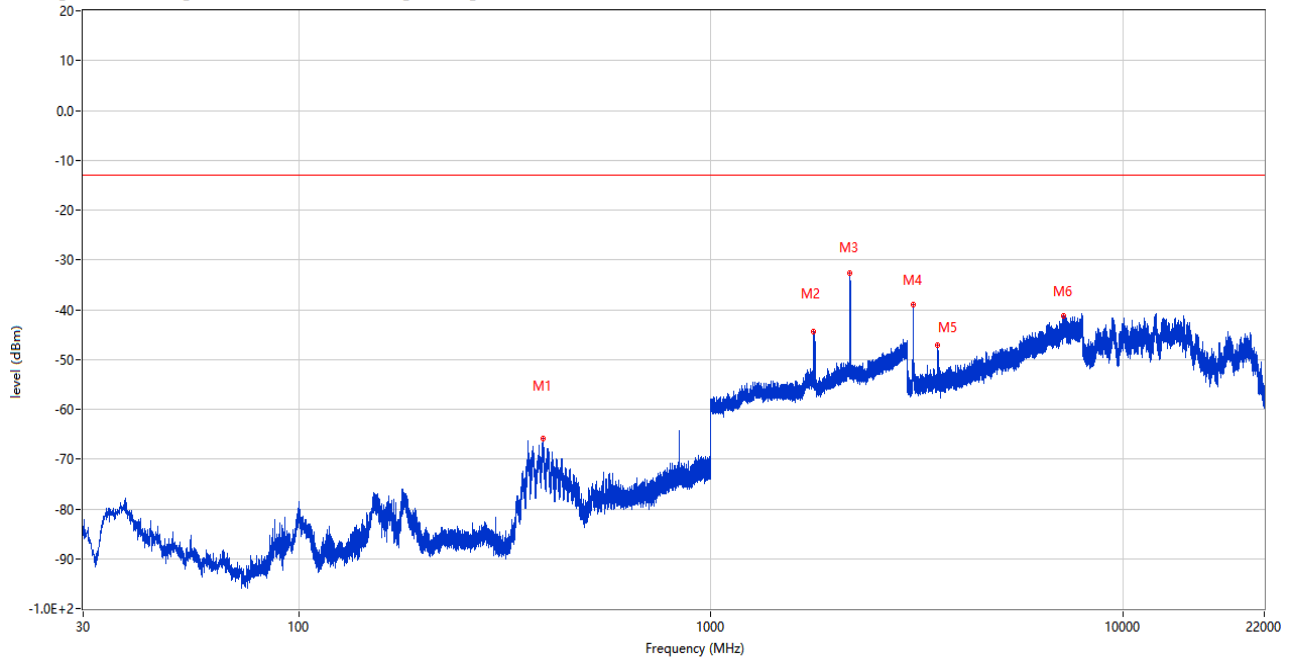
RSE (RF) FCC PART22&24&27\_WCDMA Band 4 & LTE Band 4 & 66\_1710-1785\_30MHz-20GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
1793.700	-33.22	-0.01	-13.0	20.22	156.00	Vertical	Vertical	N/A
2176.400	-33.52	2.93	-13.0	20.52	360.00	Vertical	Vertical	N/A
3103.250	-34.19	3.80	-13.0	21.19	61.00	Vertical	Vertical	Pass
3545.750	-49.42	4.79	-13.0	36.42	94.00	Vertical	Vertical	Pass
6226.000	-42.92	11.90	-13.0	29.92	5.00	Vertical	Vertical	Pass
11992.612	-39.55	14.01	-13.0	26.55	288.00	Vertical	Vertical	Pass

BAND:LTE B66 Channel:MID range,BW10M

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

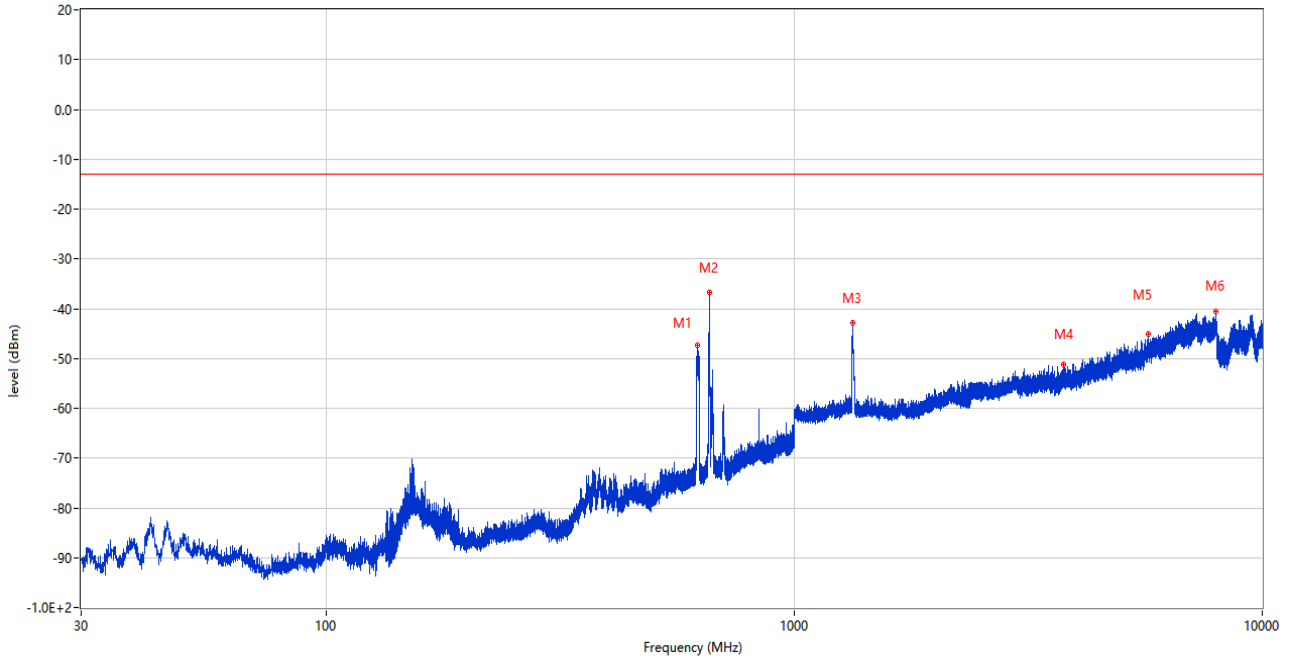


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
391.907	-65.96	-10.13	-13.0	52.96	360.00	Vertical	Horizontal	Pass
1777.600	-44.39	0.91	-13.0	31.39	300.00	Vertical	Horizontal	N/A
2177.200	-32.74	2.92	-13.0	19.74	358.00	Vertical	Horizontal	N/A
3099.000	-39.07	4.13	-13.0	26.07	159.00	Vertical	Horizontal	Pass
3550.500	-47.20	5.01	-13.0	34.20	126.00	Vertical	Horizontal	Pass
7163.750	-41.17	14.36	-13.0	28.17	137.00	Vertical	Horizontal	Pass

## 1.6 LTE Band 71

BAND:LTE B71 Channel:LOW range,BW10M

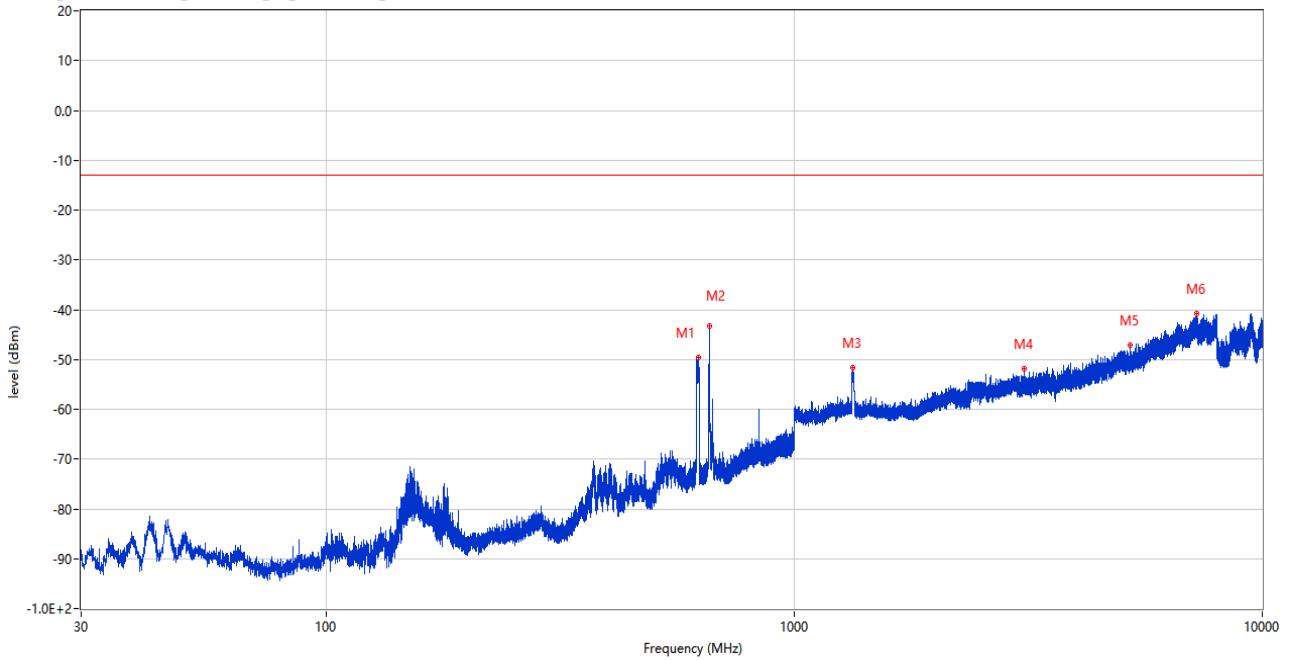
RSE (RF) \_FCC PART22&24&27\_LTE Band 71 \_680\_30MHz-10GHz\_



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
621.458	-47.32	-0.77	-13.0	34.32	302.00	Horizontal	Horizontal	N/A
659.773	-36.76	2.34	-13.0	23.76	276.00	Horizontal	Horizontal	N/A
1332.200	-42.93	-5.12	-13.0	29.93	194.00	Horizontal	Horizontal	Pass
3767.000	-51.24	6.37	-13.0	38.24	230.00	Horizontal	Horizontal	Pass
5707.750	-45.11	10.08	-13.0	32.11	130.00	Horizontal	Horizontal	Pass
7976.000	-40.46	14.73	-13.0	27.46	8.00	Horizontal	Horizontal	Pass

BAND:LTE B71 Channel:LOW range,BW10M

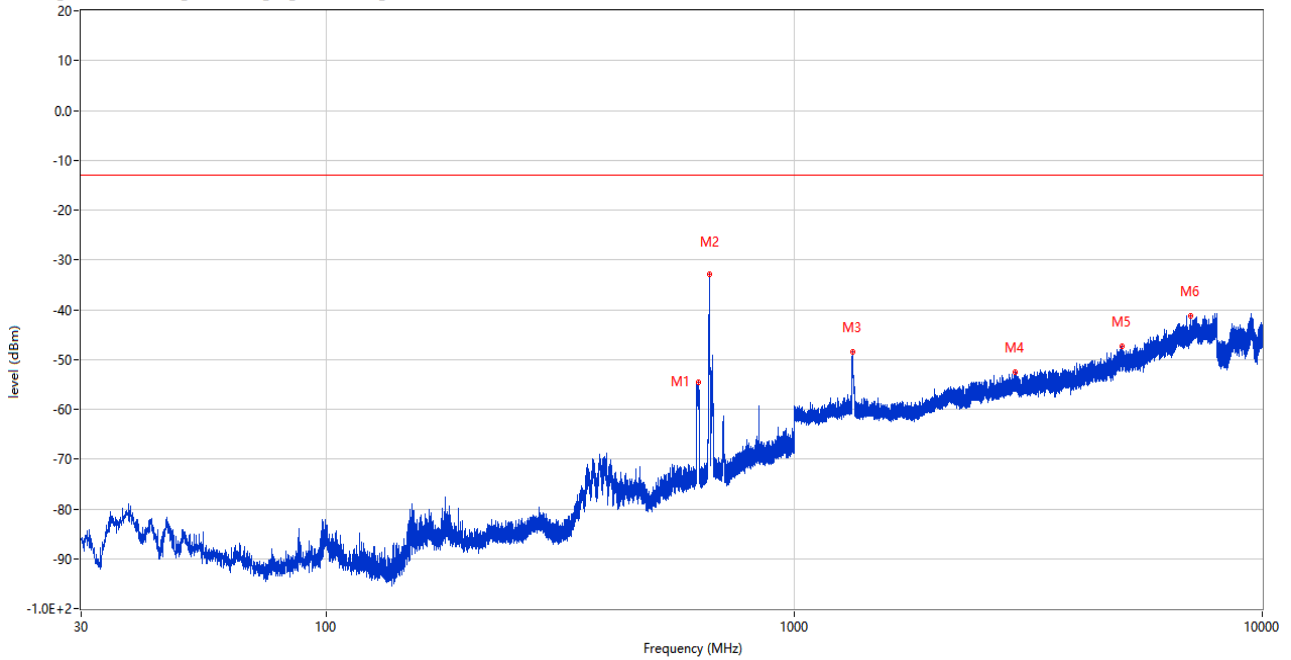
RSE (RF) FCC PART22&24&27\_LTE Band 71\_680\_30MHz-10GHz\_



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
623.591	-49.67	-0.59	-13.0	36.67	272.00	Horizontal	Vertical	N/A
659.918	-43.37	2.34	-13.0	30.37	272.00	Horizontal	Vertical	N/A
1332.400	-51.62	-5.12	-13.0	38.62	81.00	Horizontal	Vertical	Pass
3109.000	-51.76	3.57	-13.0	38.76	294.00	Horizontal	Vertical	Pass
5224.250	-47.20	9.11	-13.0	34.20	172.00	Horizontal	Vertical	Pass
7227.750	-40.71	14.47	-13.0	27.71	360.00	Horizontal	Vertical	Pass

BAND:LTE B71 Channel:LOW range,BW10M

RSE (RF) \_FCC PART22&24&27\_LTE Band 71 \_680\_30MHz-10GHz\_

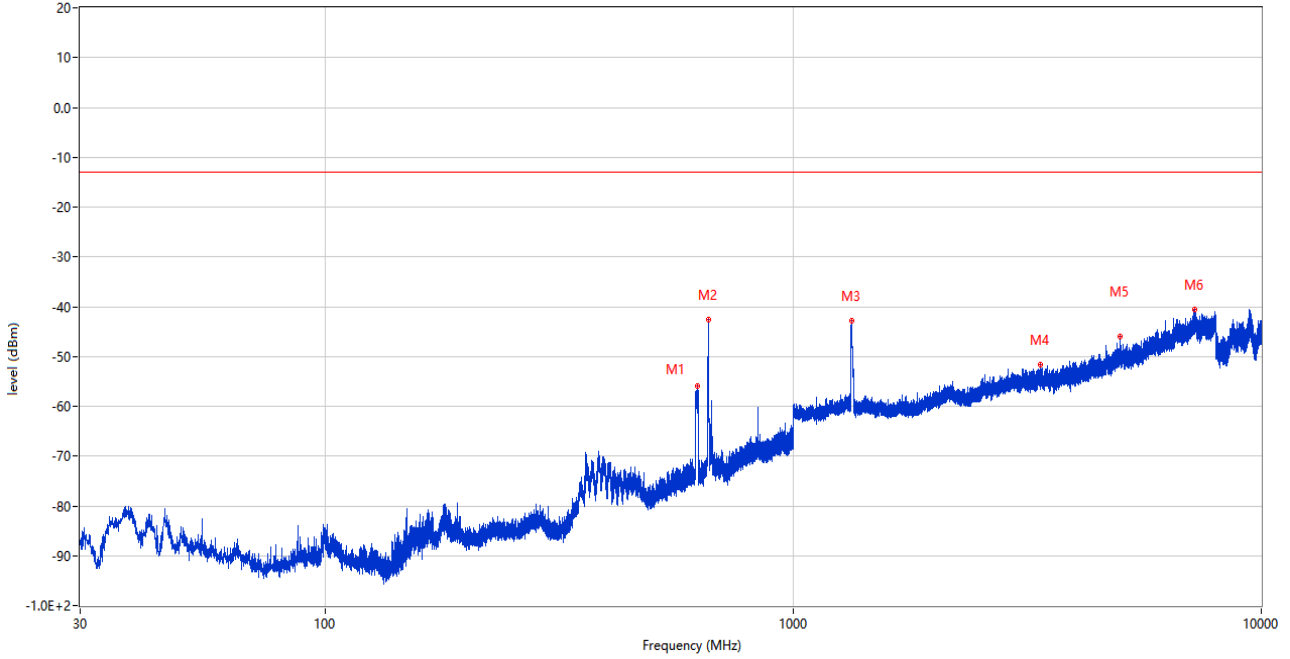


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
624.901	-54.60	-0.47	-13.0	41.60	187.00	Vertical	Vertical	N/A
659.773	-32.83	2.34	-13.0	19.83	0.00	Vertical	Vertical	N/A
1332.300	-48.54	-5.12	-13.0	35.54	360.00	Vertical	Vertical	Pass
2967.900	-52.65	2.25	-13.0	39.65	19.00	Vertical	Vertical	Pass
5015.500	-47.42	8.68	-13.0	34.42	74.00	Vertical	Vertical	Pass
7020.500	-41.20	13.20	-13.0	28.20	251.00	Vertical	Vertical	Pass



BAND:LTE B71 Channel:LOW range,BW10M

RSE (RF) FCC PART22&24&27\_LTE Band 71\_680\_30MHz-10GHz\_



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
624.756	-56.03	-0.48	-13.0	43.03	165.00	Vertical	Horizontal	N/A
659.675	-42.52	2.33	-13.0	29.52	198.00	Vertical	Horizontal	N/A
1332.300	-42.77	-5.12	-13.0	29.77	46.00	Vertical	Horizontal	Pass
3367.500	-51.62	4.75	-13.0	38.62	0.00	Vertical	Horizontal	Pass
4982.500	-46.06	9.31	-13.0	33.06	0.00	Vertical	Horizontal	Pass
7220.250	-40.67	14.06	-13.0	27.67	0.00	Vertical	Horizontal	Pass

--BLANK BELOW--