
Field Strength of Spurious Radiation

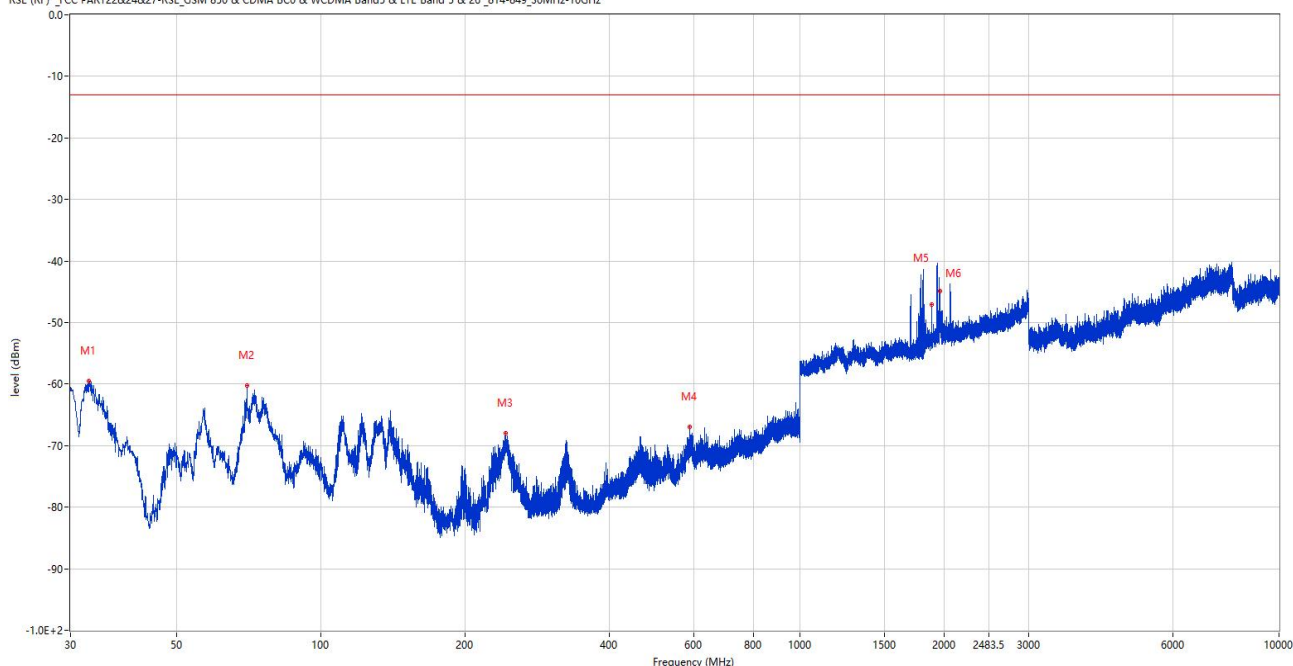
LTE Mode Test Verdict

Test Band	Test Bandwidth(MHz)	UL Channel	UL RB Number	UL RB Position	Verdict
CAT-M B2	15	18900	1	0	Pass
CAT-M B4	3	20385	1	0	Pass
CAT-M B5	5	20425	1	0	Pass
CAT-M B12	5	23155	1	0	Pass
CAT-M B13	10	23230	1	0	Pass
CAT-M B25	5	26065	1	0	Pass
CAT-M B26 (PART22)	1.4	26915	1	0	Pass
CAT-M B26 (PART90)	1.4	26783	1	0	Pass
CAT-M B66	3	132657	3	0	Pass
CAT-M B85	5	134157	1	0	Pass

1.CAT-M Band 2

Band 2

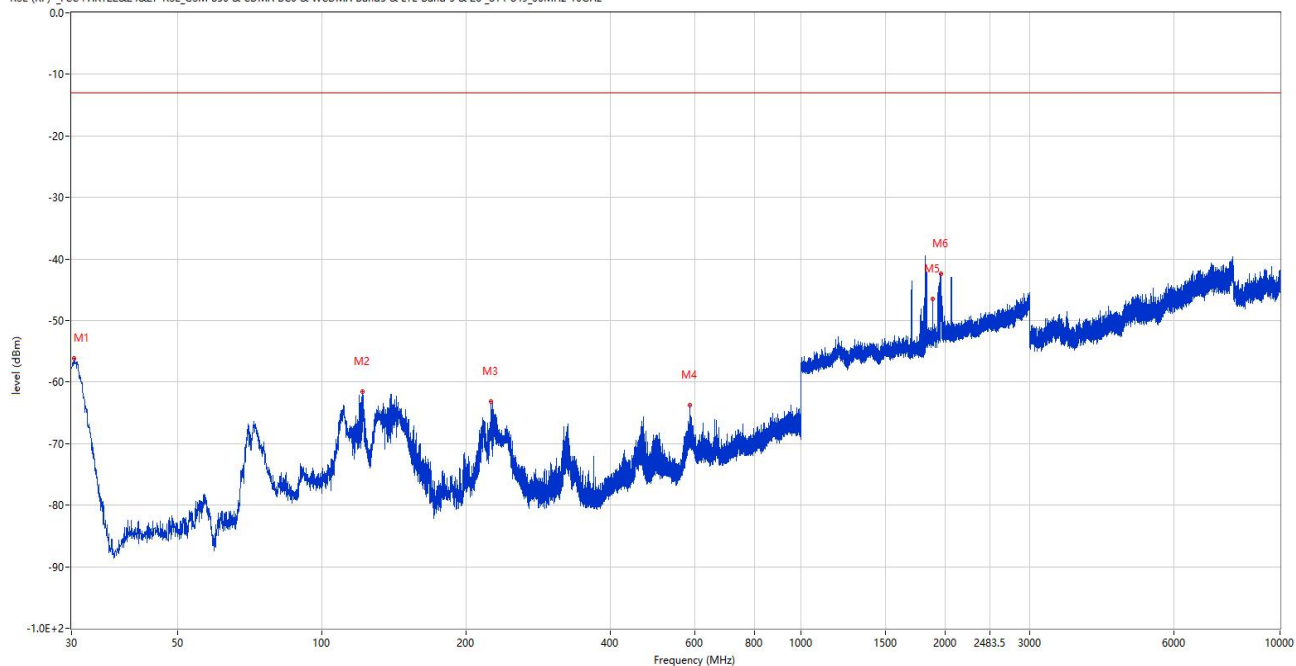
RSE (RF) _FCC PART22&24&27-RSE_GSM 850 & CDMA BC0 & WCDMA Band5 & LTE Band 5 & 26_814-849_30MHz-10GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
32.764	-59.55	-18.56	-13.0	46.55	344.81	Vertical	Horizontal	Pass
69.964	-60.21	-18.04	-13.0	47.21	6.00	Vertical	Horizontal	Pass
242.818	-67.99	-12.07	-13.0	54.99	75.00	Vertical	Horizontal	Pass
588.914	-66.99	-3.67	-13.0	53.99	338.00	Vertical	Horizontal	Pass
1884.200	-47.04	1.94	-13.0	34.04	348.00	Vertical	Horizontal	N/A
1962.300	-44.93	1.97	-13.0	31.93	148.00	Vertical	Horizontal	N/A

Band 2

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

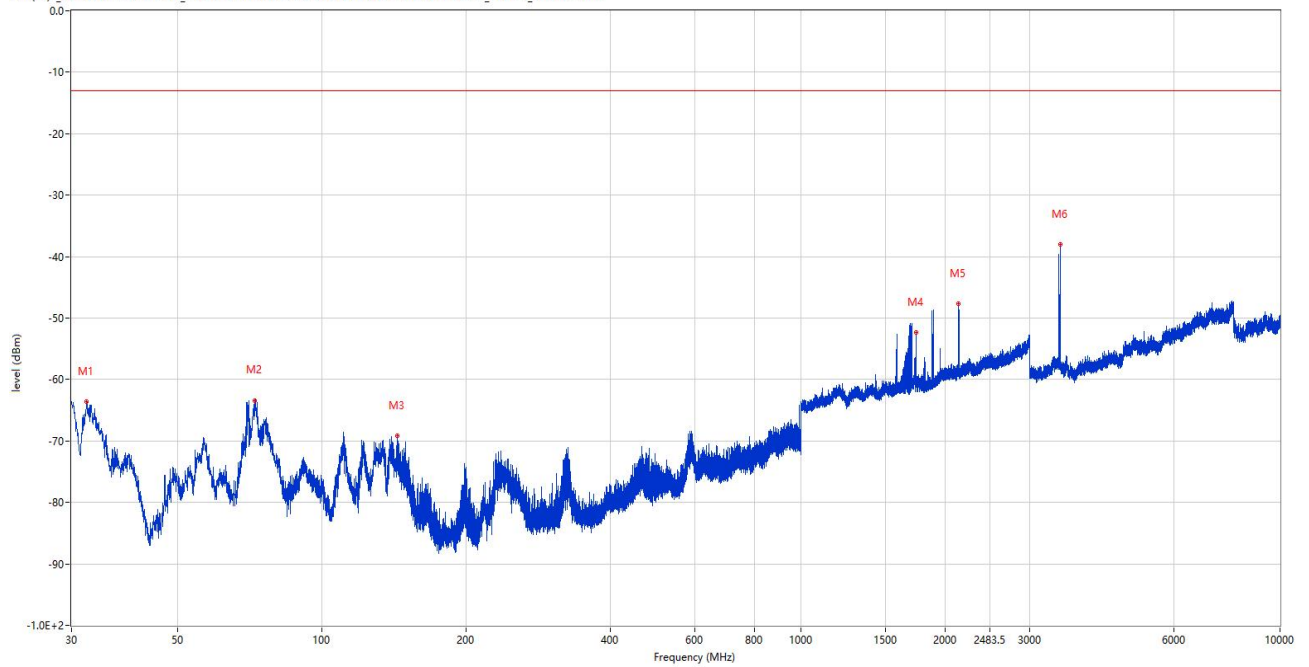


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
30.340	-56.20	-19.56	-13.0	43.20	356.00	Horizontal	Horizontal	Pass
121.423	-61.55	-17.34	-13.0	48.55	256.00	Horizontal	Horizontal	Pass
225.503	-63.23	-13.06	-13.0	50.23	11.00	Horizontal	Horizontal	Pass
586.828	-63.73	-3.80	-13.0	50.73	53.00	Horizontal	Horizontal	Pass
1884.100	-46.52	1.94	-13.0	33.52	181.00	Horizontal	Horizontal	N/A
1962.700	-42.45	2.01	-13.0	29.45	205.00	Horizontal	Horizontal	N/A

2. CAT-M Band 4

Band 4

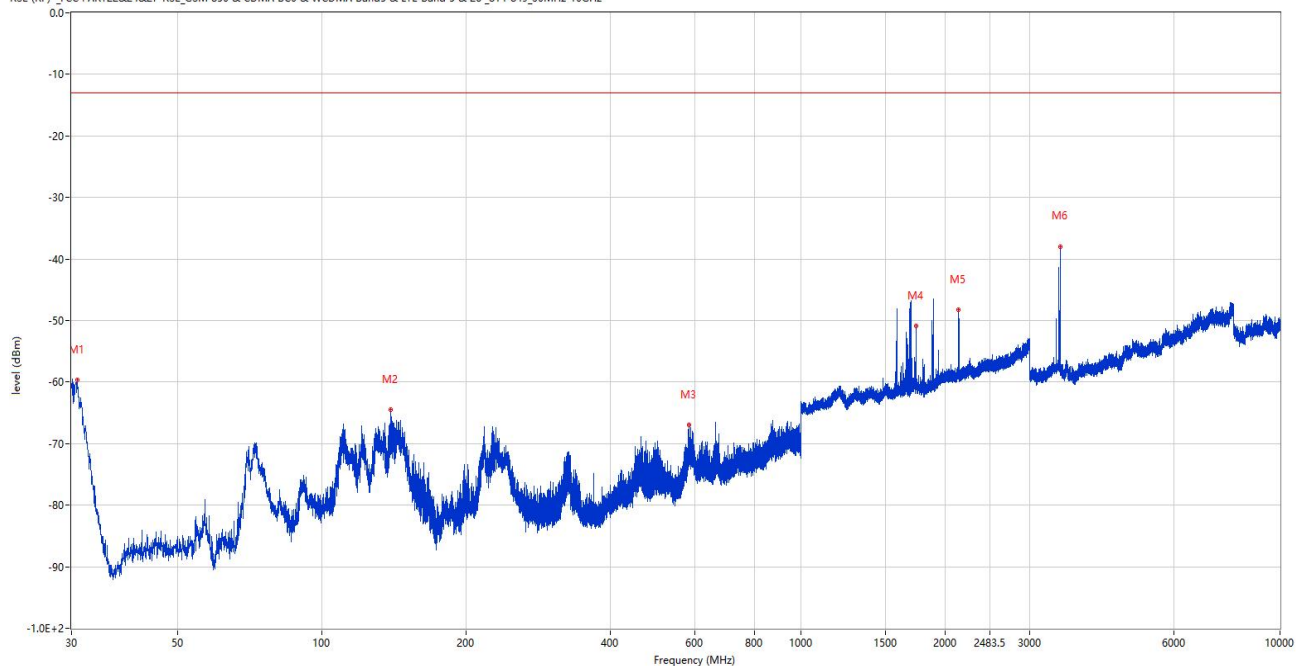
RSE (RF) _FCC PART22&24&27-RSE_GSM 850 & CDMA BC0 & WCDMA Band5 & LTE Band 5 & 26_814-849_30MHz-10GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
32.279	-63.61	-18.83	-13.0	50.61	357.68	Vertical	Horizontal	Pass
72.632	-63.39	-18.96	-13.0	50.39	117.69	Vertical	Horizontal	Pass
143.344	-69.19	-17.64	-13.0	56.19	297.58	Vertical	Horizontal	Pass
1736.700	-52.30	0.99	-13.0	39.30	322.01	Vertical	Horizontal	N/A
2135.400	-47.70	2.51	-13.0	34.70	145.00	Vertical	Horizontal	N/A
3473.750	-38.04	5.71	-13.0	25.04	0.02	Vertical	Horizontal	Pass

Band 4

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

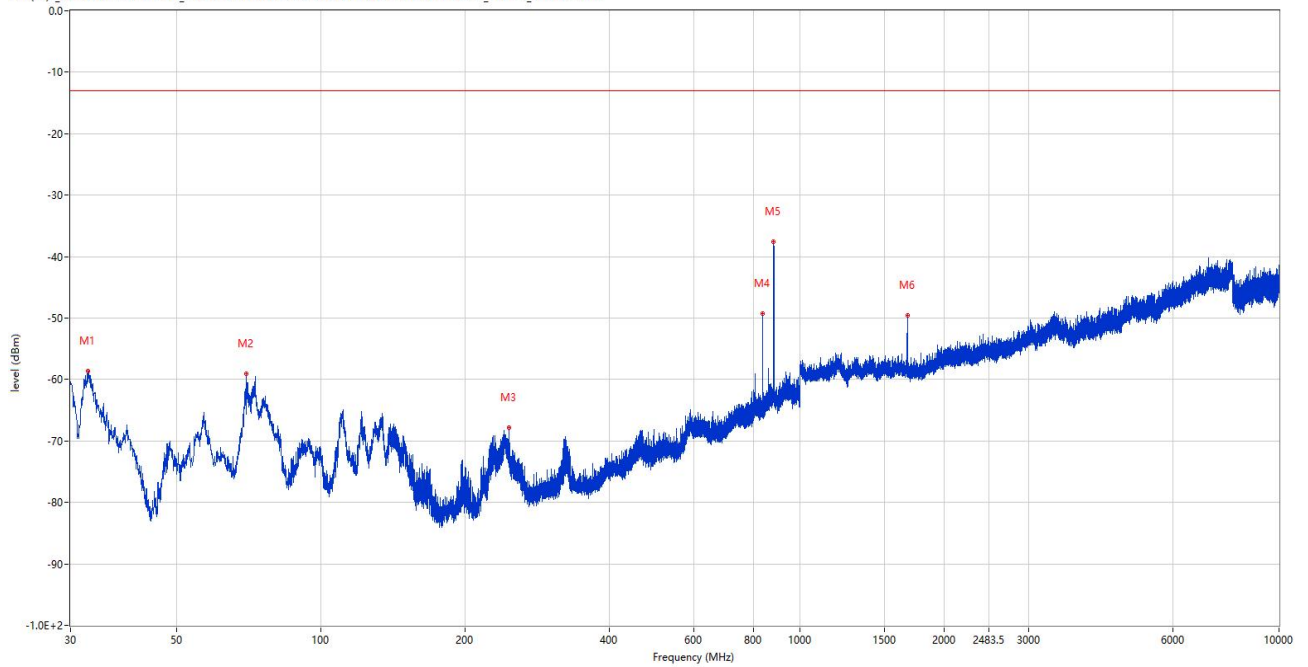


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
30.873	-59.72	-19.36	-13.0	46.72	359.00	Horizontal	Horizontal	Pass
139.077	-64.52	-17.86	-13.0	51.52	75.93	Horizontal	Horizontal	Pass
583.094	-67.02	-4.01	-13.0	54.02	51.00	Horizontal	Horizontal	Pass
1736.800	-50.85	0.99	-13.0	37.85	176.00	Horizontal	Horizontal	N/A
2132.600	-48.21	2.47	-13.0	35.21	202.00	Horizontal	Horizontal	N/A
3473.750	-37.94	5.71	-13.0	24.94	181.00	Horizontal	Horizontal	Pass

3.CAT-M Band 5

Band 5

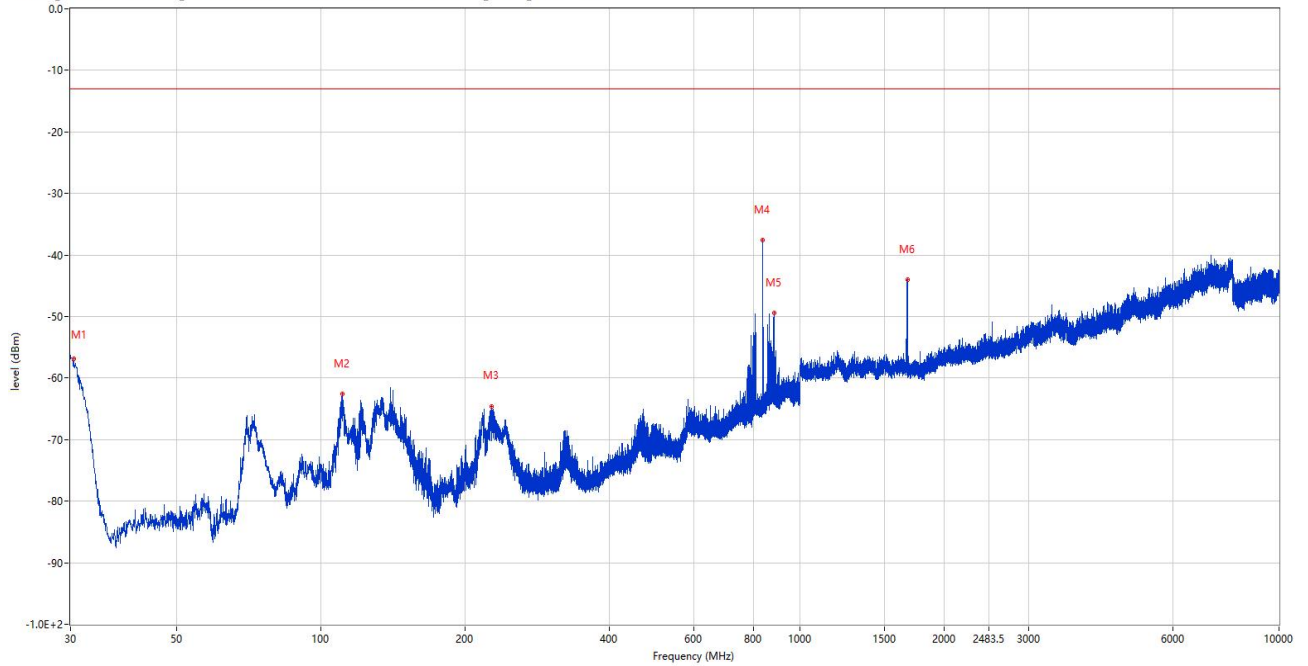
RSE (RF) _FCC PART22&24&27-RSE_GSM 850 & CDMA BC0 & WCDMA Band5 & LTE Band 5 & 26_814-849_30MHz-10GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
32.667	-58.63	-17.92	-13.0	45.63	360.00	Vertical	Horizontal	Pass
69.915	-59.07	-16.96	-13.0	46.07	2.00	Vertical	Horizontal	Pass
246.553	-67.90	-9.89	-13.0	54.90	69.00	Vertical	Horizontal	Pass
834.470	-49.22	5.53	-13.0	36.22	264.00	Vertical	Horizontal	N/A
879.478	-37.64	7.01	-13.0	24.64	170.00	Vertical	Horizontal	N/A
1677.300	-49.63	-4.34	-13.0	36.63	167.00	Vertical	Horizontal	Pass

Band 5

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

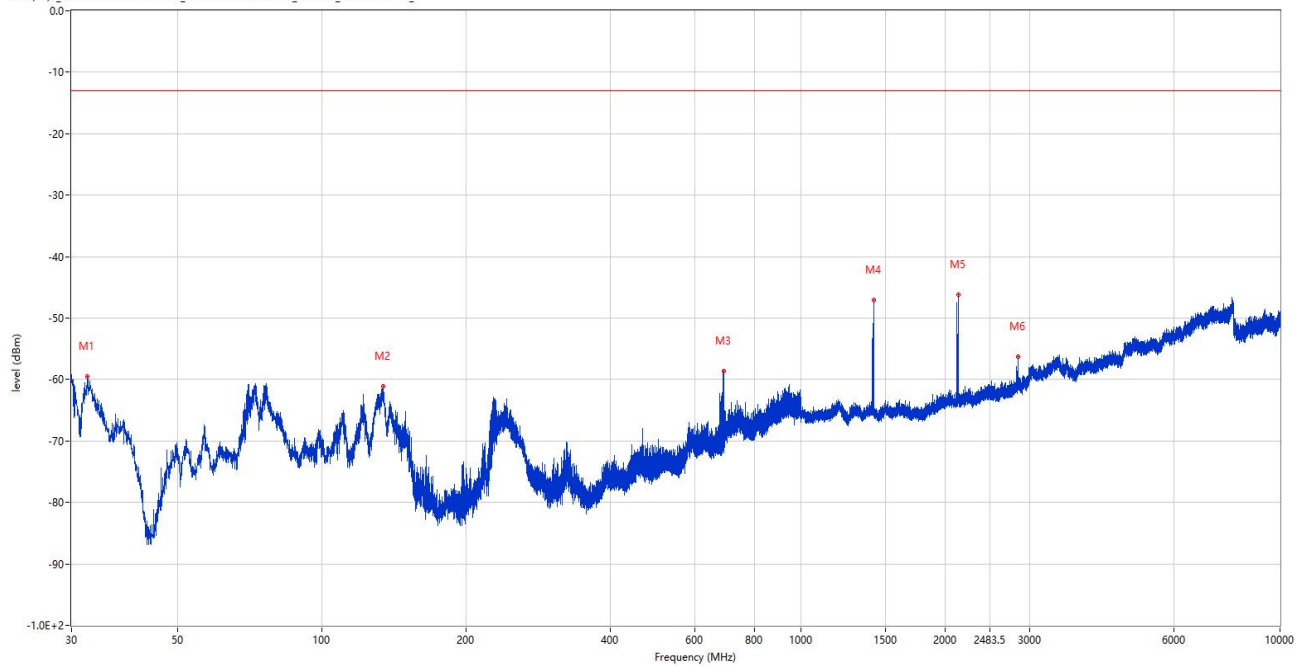


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
30.436	-56.93	-18.87	-13.0	43.93	357.00	Horizontal	Horizontal	Pass
110.850	-62.54	-14.92	-13.0	49.54	278.00	Horizontal	Horizontal	Pass
226.716	-64.57	-10.78	-13.0	51.57	360.00	Horizontal	Horizontal	Pass
834.470	-37.58	5.53	-13.0	24.58	360.00	Horizontal	Horizontal	N/A
883.358	-49.46	6.81	-13.0	36.46	105.00	Horizontal	Horizontal	N/A
1677.200	-43.98	-4.34	-13.0	30.98	184.00	Horizontal	Horizontal	Pass

4.CAT-M Band 12

Band 12

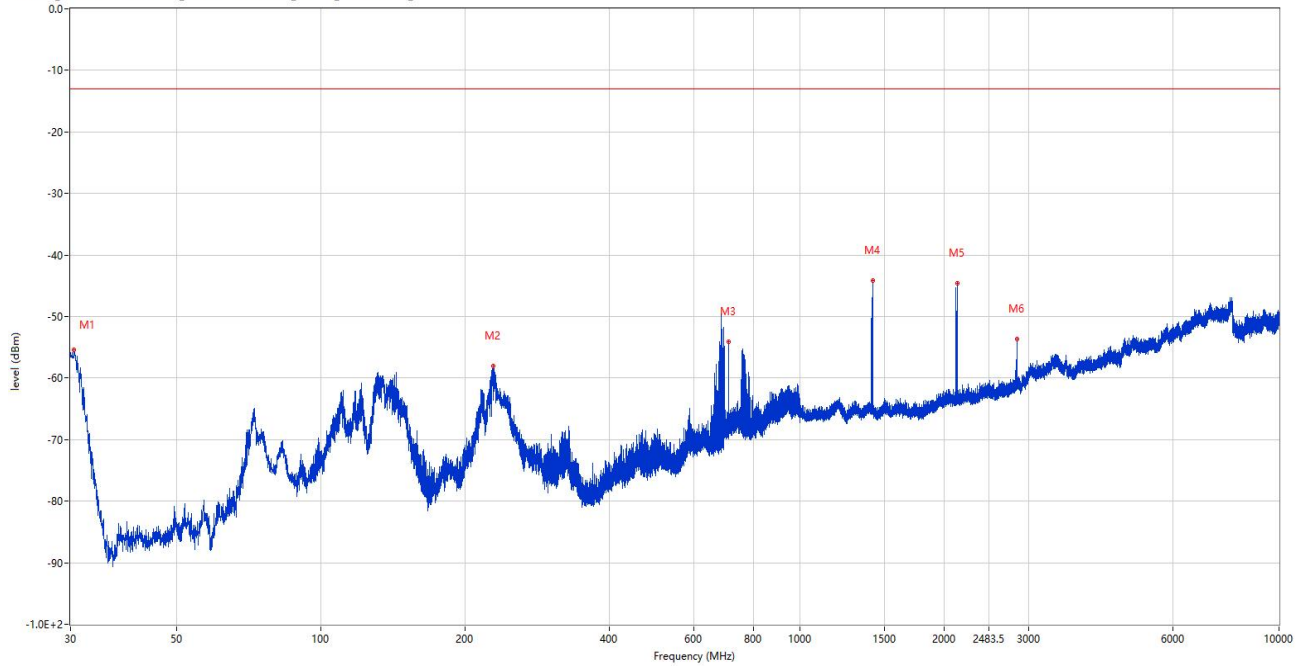
RSE (RF) _FCC PART22&24&27-RSE_LTE B12 & B17 & B28 _699-748_30MHz-10GHz_



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
32.377	-59.55	-18.00	-13.0	46.55	340.00	Vertical	Horizontal	Pass
134.275	-61.09	-15.93	-13.0	48.09	234.00	Vertical	Horizontal	Pass
690.134	-58.61	3.02	-13.0	45.61	143.00	Vertical	Horizontal	N/A
1419.300	-47.11	-3.77	-13.0	34.11	360.00	Vertical	Horizontal	Pass
2128.800	-46.27	-1.71	-13.0	33.27	314.00	Vertical	Horizontal	Pass
2838.800	-56.34	2.18	-13.0	43.34	340.00	Vertical	Horizontal	Pass

Band 12

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

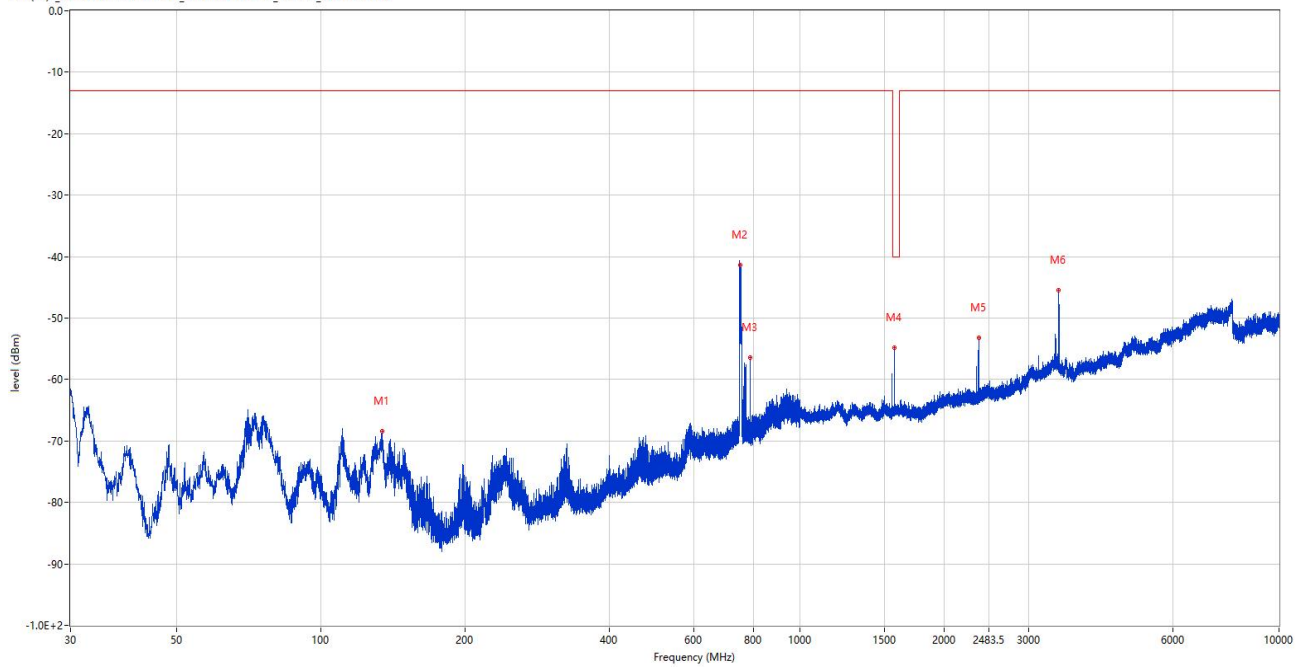


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
30.485	-55.34	-18.74	-13.0	42.34	345.00	Horizontal	Horizontal	Pass
229.044	-58.00	-10.30	-13.0	45.00	0.00	Horizontal	Horizontal	Pass
709.679	-54.10	5.35	-13.0	41.10	163.00	Horizontal	Horizontal	N/A
1419.000	-44.09	-3.76	-13.0	31.09	174.00	Horizontal	Horizontal	Pass
2128.900	-44.56	-1.71	-13.0	31.56	181.00	Horizontal	Horizontal	Pass
2838.800	-53.70	2.18	-13.0	40.70	11.00	Horizontal	Horizontal	Pass

5.CAT-M Band 13

Band 13

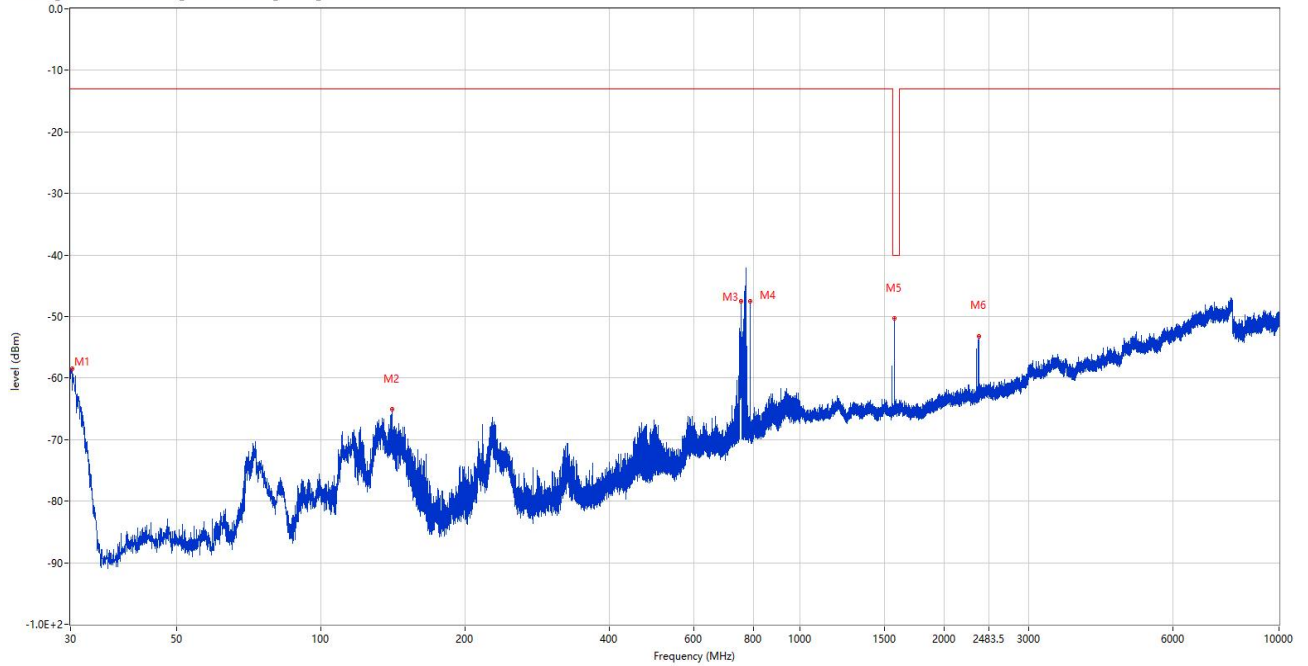
RSE (RF) _FCC PART22&24&27-RSE_LTE Band 13 & 14_777-803_30MHz-10GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
134.226	-68.41	-16.15	-13.0	55.41	227.00	Vertical	Horizontal	Pass
751.244	-41.42	4.02	-13.0	28.42	270.00	Vertical	Horizontal	N/A
786.455	-56.49	4.29	-13.0	43.49	358.00	Vertical	Horizontal	N/A
1572.800	-54.80	-3.89	-40.0	14.80	127.00	Vertical	Horizontal	Pass
2359.100	-53.22	-1.39	-13.0	40.22	315.00	Vertical	Horizontal	Pass
3471.750	-45.52	5.91	-13.0	32.52	312.00	Vertical	Horizontal	Pass

Band 13

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

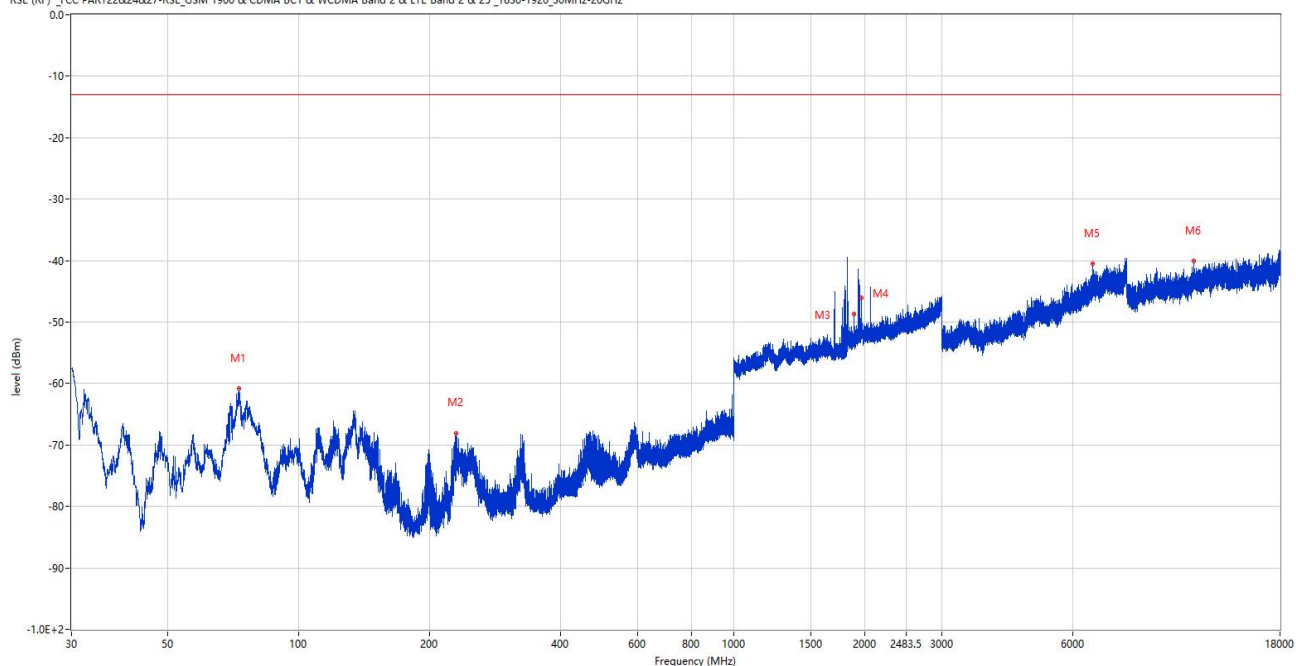


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
30.194	-58.54	-18.94	-13.0	45.54	358.00	Horizontal	Horizontal	Pass
140.919	-65.05	-16.22	-13.0	52.05	83.00	Horizontal	Horizontal	Pass
753.959	-47.44	4.51	-13.0	34.44	119.00	Horizontal	Horizontal	N/A
786.455	-47.52	4.29	-13.0	34.52	131.00	Horizontal	Horizontal	N/A
1572.800	-50.35	-3.89	-40.0	10.35	104.00	Horizontal	Horizontal	Pass
2359.300	-53.20	-1.39	-13.0	40.20	218.00	Horizontal	Horizontal	Pass

6.CAT-M Band 25

Band 25

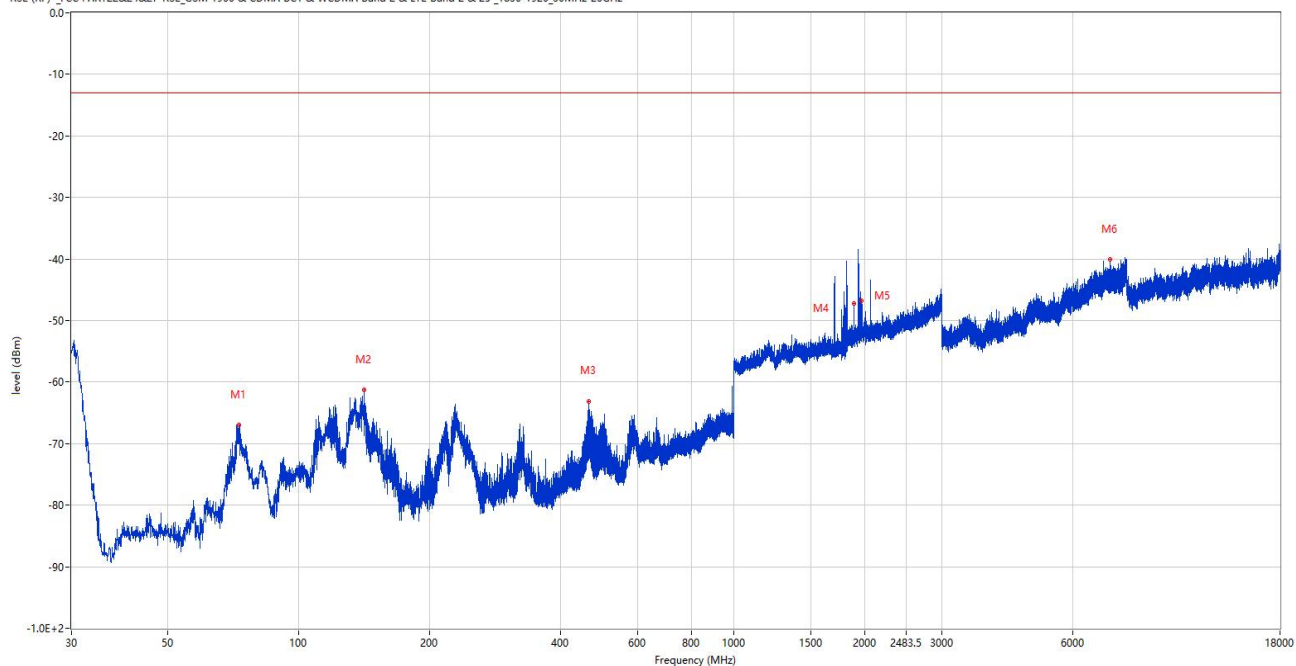
RSE (RF) _FCC PART22&24&27-RSE_GSM 1900 & CDMA BC1 & WCDMA Band 2 & LTE Band 2 & 25 _1830-1920_30MHz-20GHz



	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
72.874	-60.86	-19.01	-13.0	47.86	129.00	Vertical	Horizontal	Pass
230.014	-68.07	-12.82	-13.0	55.07	83.00	Vertical	Horizontal	Pass
1884.600	-48.69	1.93	-13.0	35.69	353.00	Vertical	Horizontal	N/A
1963.800	-46.08	2.21	-13.0	33.08	144.00	Vertical	Horizontal	N/A
6683.500	-40.52	12.57	-13.0	27.52	353.00	Vertical	Horizontal	Pass
11412.000	-40.13	15.61	-13.0	27.13	99.00	Vertical	Horizontal	Pass

Band 25

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

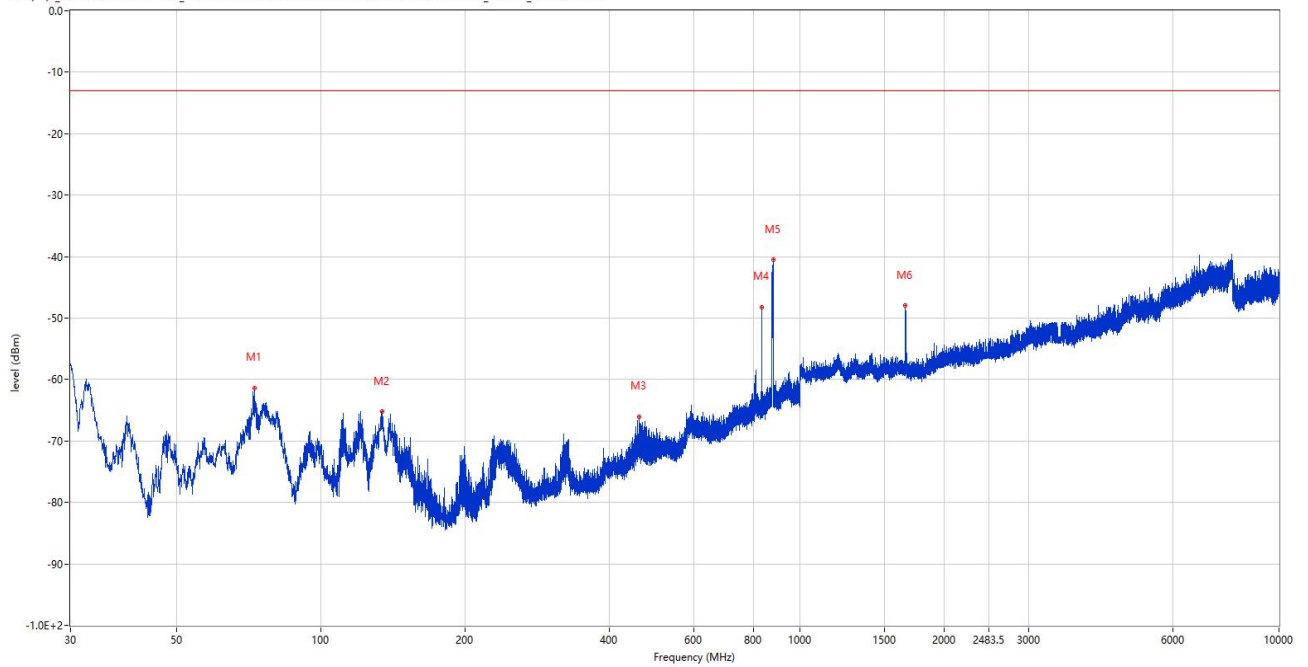


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
72.826	-66.93	-19.00	-13.0	53.93	12.00	Horizontal	Horizontal	Pass
141.307	-61.32	-17.79	-13.0	48.32	68.00	Horizontal	Horizontal	Pass
462.862	-63.10	-6.68	-13.0	50.10	111.00	Horizontal	Horizontal	Pass
1884.600	-47.24	1.93	-13.0	34.24	186.00	Horizontal	Horizontal	Pass
1963.900	-46.85	2.22	-13.0	33.85	333.00	Horizontal	Horizontal	Pass
7333.500	-40.11	14.04	-13.0	27.11	289.00	Horizontal	Horizontal	Pass

7.CAT-M Band 26(part 22)

Band 26(part 22)

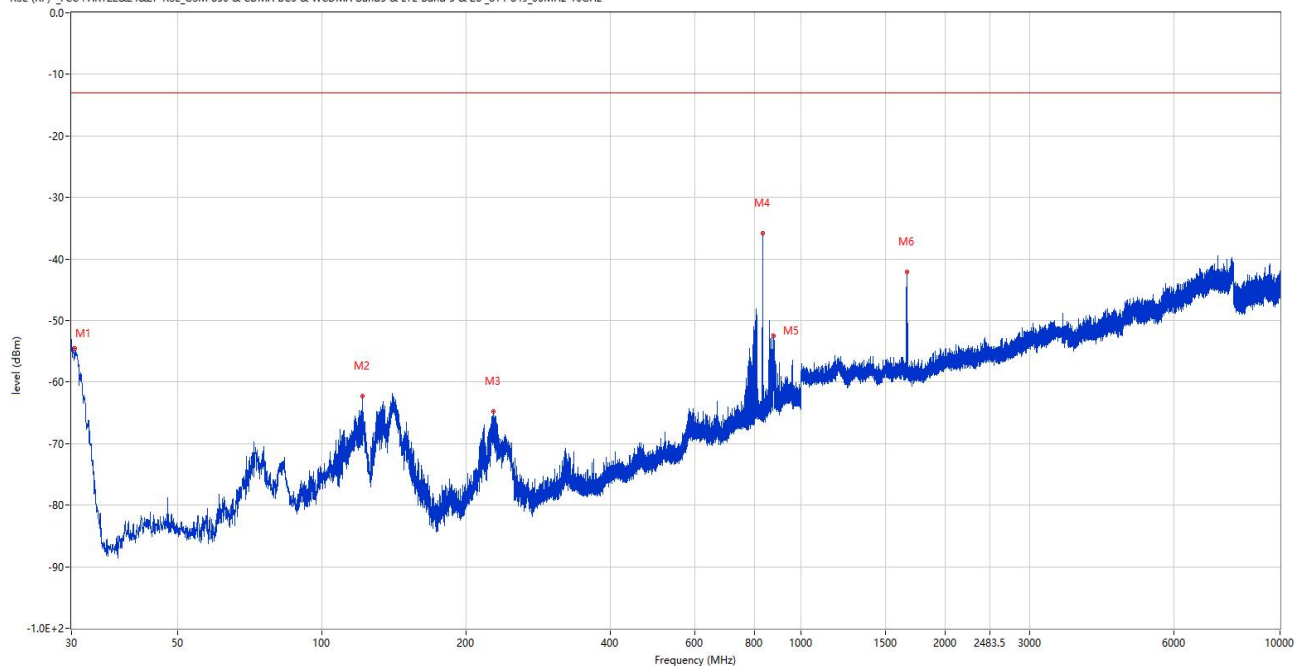
RSE (RF) _FCC PART22&24&27-RSE_GSM 850 & CDMA BC0 & WCDMA Band5 & LTE Band 5 & 26_814-849_30MHz-10GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
72.632	-61.35	-17.86	-13.0	48.35	131.00	Vertical	Horizontal	Pass
134.130	-65.19	-16.21	-13.0	52.19	246.00	Vertical	Horizontal	Pass
461.892	-66.02	-3.45	-13.0	53.02	126.00	Vertical	Horizontal	Pass
833.742	-48.32	5.50	-13.0	35.32	271.00	Vertical	Horizontal	N/A
878.313	-40.45	7.06	-13.0	27.45	83.00	Vertical	Horizontal	N/A
1659.400	-47.94	-3.97	-13.0	34.94	51.00	Vertical	Horizontal	Pass

Band 26(part 22)

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

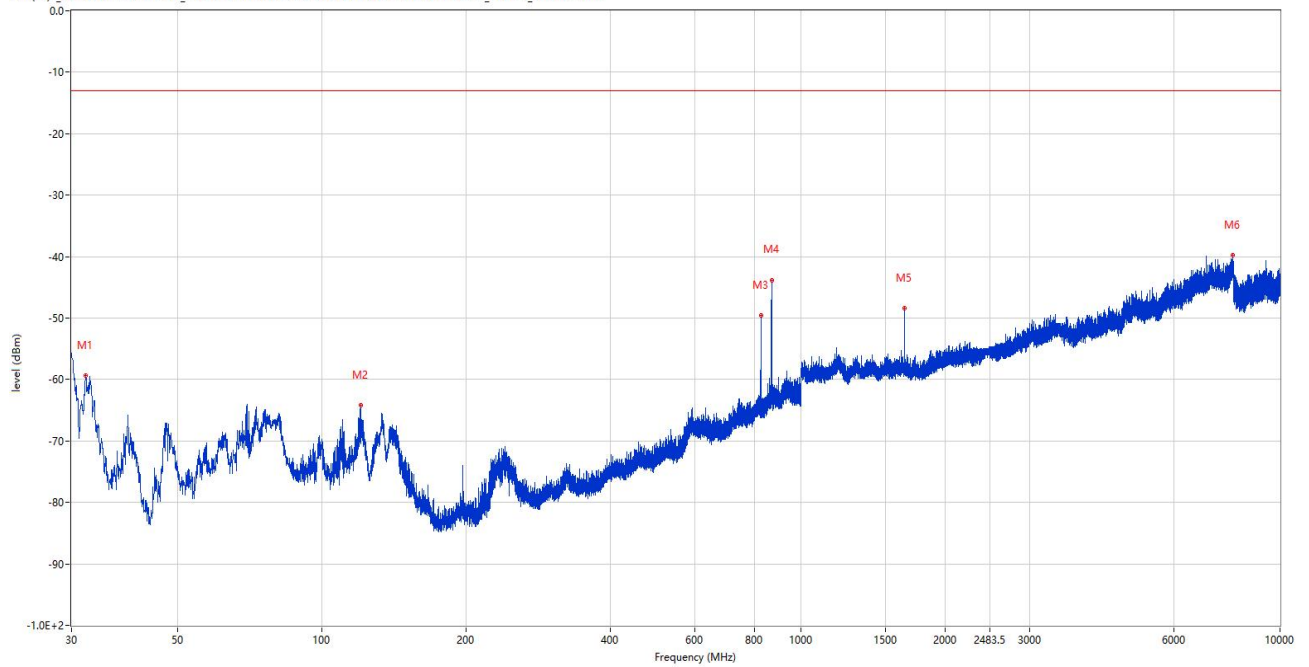


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
30.485	-54.50	-18.85	-13.0	41.50	360.00	Horizontal	Horizontal	Pass
121.374	-62.35	-15.86	-13.0	49.35	246.00	Horizontal	Horizontal	Pass
227.734	-64.81	-10.68	-13.0	51.81	2.00	Horizontal	Horizontal	Pass
833.694	-35.85	5.50	-13.0	22.85	360.00	Horizontal	Horizontal	N/A
877.780	-52.53	7.10	-13.0	39.53	331.00	Horizontal	Horizontal	N/A
1667.100	-42.16	-4.11	-13.0	29.16	279.00	Horizontal	Horizontal	Pass

8.CAT-M Band 26(part 90)

Band 26(part 90)

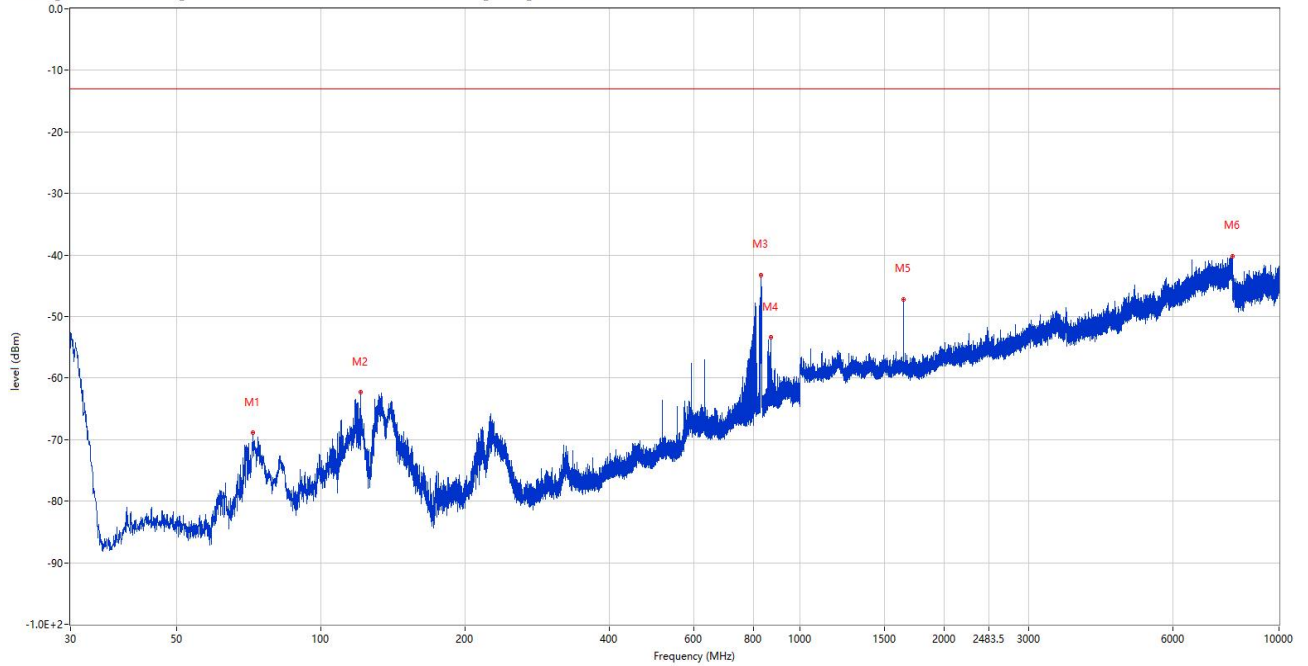
RSE (RF) _FCC PART22&24&27-RSE_GSM 850 & CDMA BC0 & WCDMA Band5 & LTE Band 5 & 26_814-849_30MHz-10GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
32.134	-59.35	-18.22	-13.0	46.35	343.00	Vertical	Horizontal	Pass
120.501	-64.25	-15.82	-13.0	51.25	349.00	Vertical	Horizontal	Pass
824.866	-49.57	5.47	-13.0	36.57	127.00	Vertical	Horizontal	N/A
868.516	-43.82	6.86	-13.0	30.82	61.00	Vertical	Horizontal	N/A
1646.400	-48.46	-3.96	-13.0	35.46	164.00	Vertical	Horizontal	Pass
7956.500	-39.77	15.95	-13.0	26.77	190.00	Vertical	Horizontal	Pass

Band 26(part 90)

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

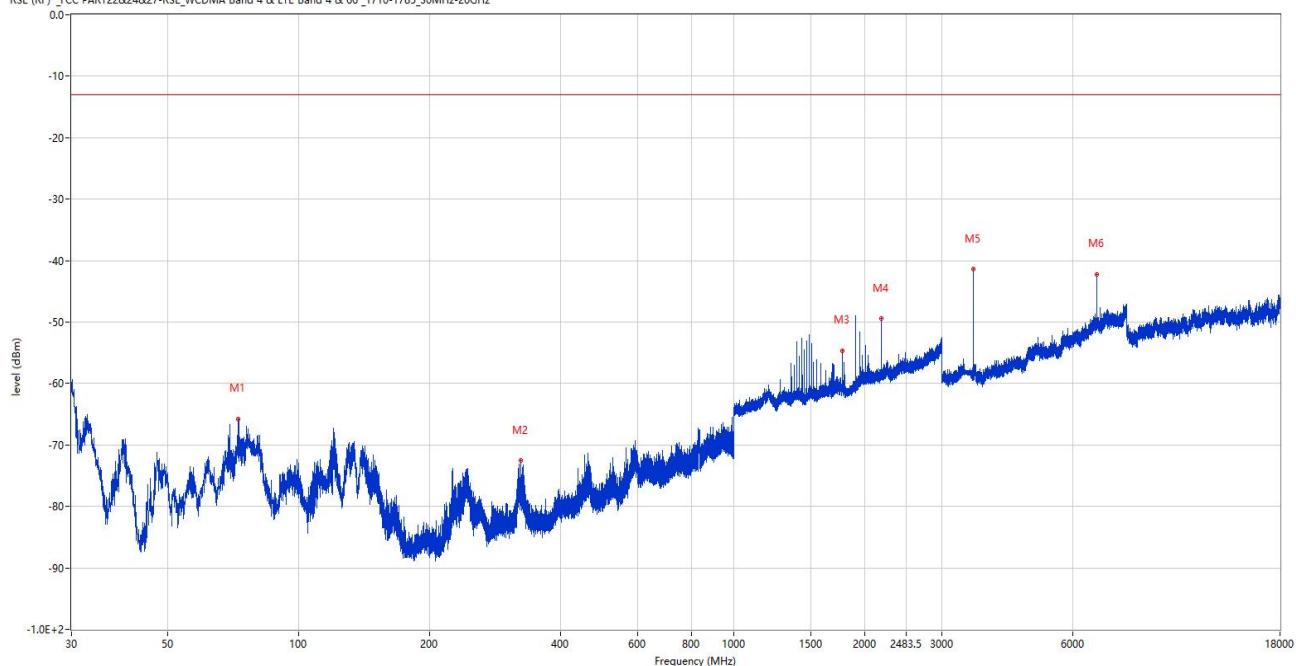


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
72.195	-68.92	-17.76	-13.0	55.92	2.00	Horizontal	Horizontal	Pass
121.180	-62.34	-15.86	-13.0	49.34	252.00	Horizontal	Horizontal	Pass
828.359	-43.20	5.36	-13.0	30.20	288.00	Horizontal	Horizontal	N/A
868.565	-53.30	6.87	-13.0	40.30	325.00	Horizontal	Horizontal	N/A
1646.800	-47.16	-3.97	-13.0	34.16	181.00	Horizontal	Horizontal	Pass
7998.250	-40.15	15.53	-13.0	27.15	87.00	Horizontal	Horizontal	Pass

9.CAT-M Band 66

Band 66

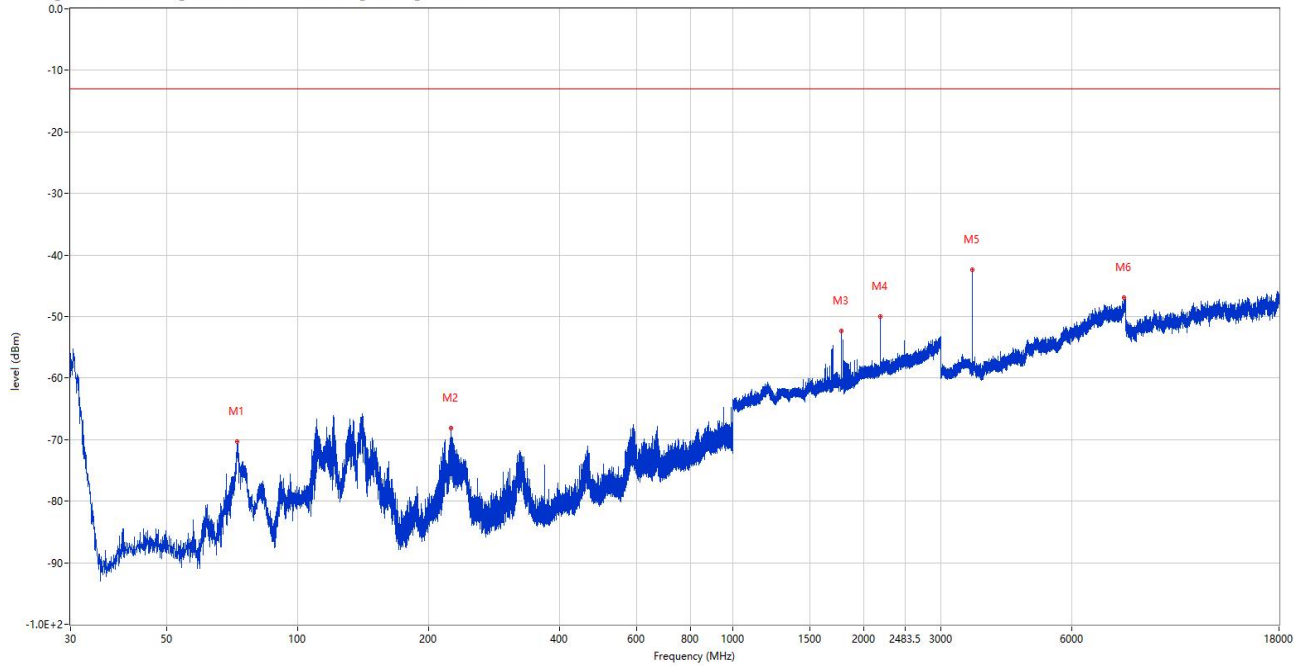
RSE (RF) _FCC PART22&24&27-RSE_WCDMA Band 4 & LTE Band 4 & 66_1710-1785_30MHz-20GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
72.535	-65.72	-18.93	-13.0	52.72	126.00	Vertical	Horizontal	Pass
323.570	-72.54	-10.66	-13.0	59.54	86.00	Vertical	Horizontal	Pass
1777.600	-54.68	0.76	-13.0	41.68	325.00	Vertical	Horizontal	N/A
2178.700	-49.40	2.88	-13.0	36.40	154.00	Vertical	Horizontal	N/A
3555.000	-41.34	5.04	-13.0	28.34	340.00	Vertical	Horizontal	Pass
6812.750	-42.20	13.05	-13.0	29.20	360.00	Vertical	Horizontal	Pass

Band 66

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

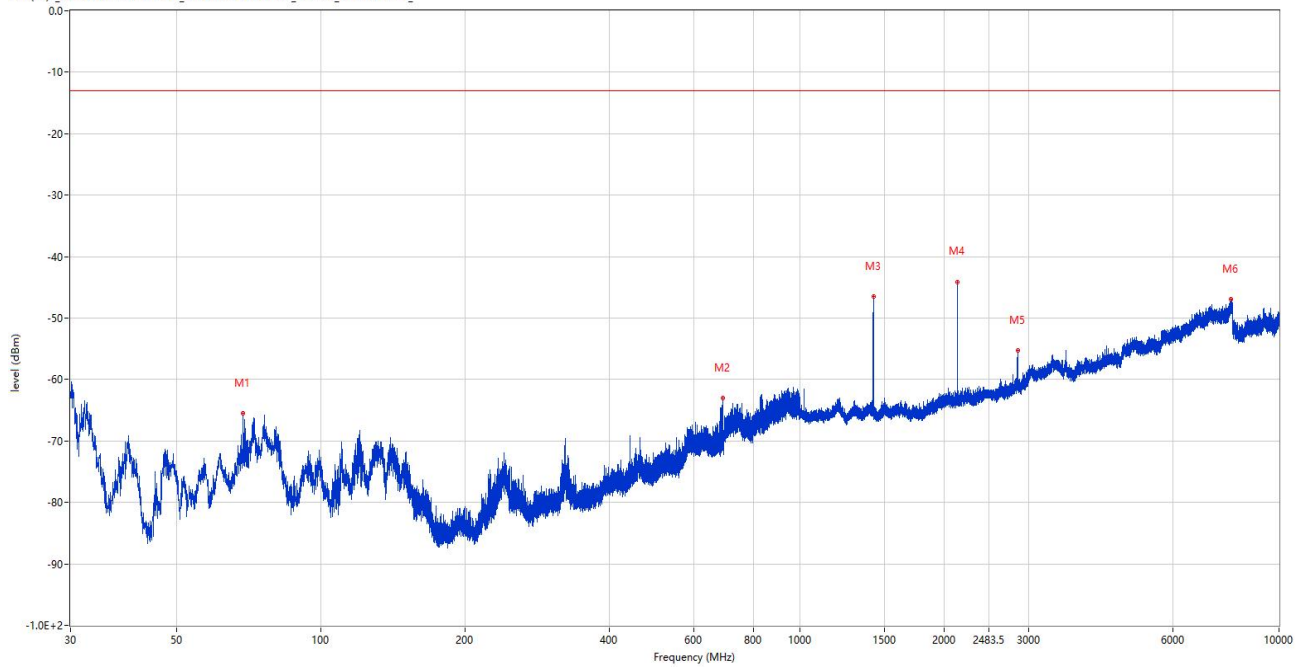


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
72.438	-70.36	-18.91	-13.0	57.36	11.00	Horizontal	Horizontal	Pass
225.018	-68.15	-13.10	-13.0	55.15	169.00	Horizontal	Horizontal	Pass
1777.200	-52.37	0.77	-13.0	39.37	179.00	Horizontal	Horizontal	N/A
2178.900	-50.00	2.89	-13.0	37.00	198.00	Horizontal	Horizontal	N/A
3554.750	-42.38	5.05	-13.0	29.38	137.00	Horizontal	Horizontal	Pass
7916.500	-46.96	15.25	-13.0	33.96	278.00	Horizontal	Horizontal	Pass

10.CAT-M Band 85

Band 85

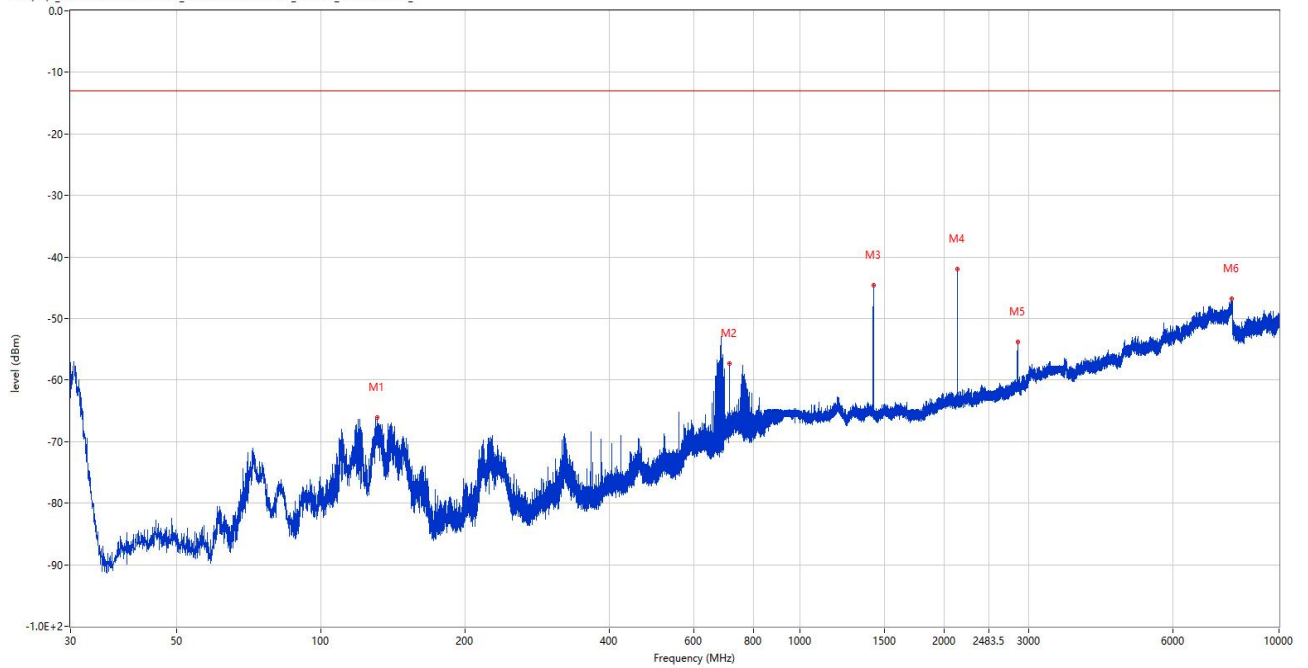
RSE (RF) _FCC PART22&24&27-RSE_LTE B12 & B17 & B28 _699-748_30MHz-10GHz_



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
68.849	-65.44	-16.54	-13.0	52.44	2.00	Vertical	Horizontal	Pass
689.503	-63.05	3.03	-13.0	50.05	118.00	Vertical	Horizontal	Pass
1422.500	-46.49	-3.91	-13.0	33.49	348.00	Vertical	Horizontal	N/A
2134.000	-44.09	-1.88	-13.0	31.09	327.00	Vertical	Horizontal	N/A
2845.400	-55.28	2.29	-13.0	42.28	120.00	Vertical	Horizontal	Pass
7930.750	-46.96	15.55	-13.0	33.96	315.00	Vertical	Horizontal	Pass

Band 85

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
130.783	-66.04	-15.91	-13.0	53.04	74.00	Horizontal	Horizontal	Pass
711.328	-57.27	5.41	-13.0	44.27	139.00	Horizontal	Horizontal	Pass
1422.600	-44.55	-3.91	-13.0	31.55	188.00	Horizontal	Horizontal	N/A
2133.900	-41.99	-1.87	-13.0	28.99	155.00	Horizontal	Horizontal	N/A
2845.300	-53.76	2.29	-13.0	40.76	13.00	Horizontal	Horizontal	Pass
7969.500	-46.74	15.70	-13.0	33.74	252.00	Horizontal	Horizontal	Pass

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