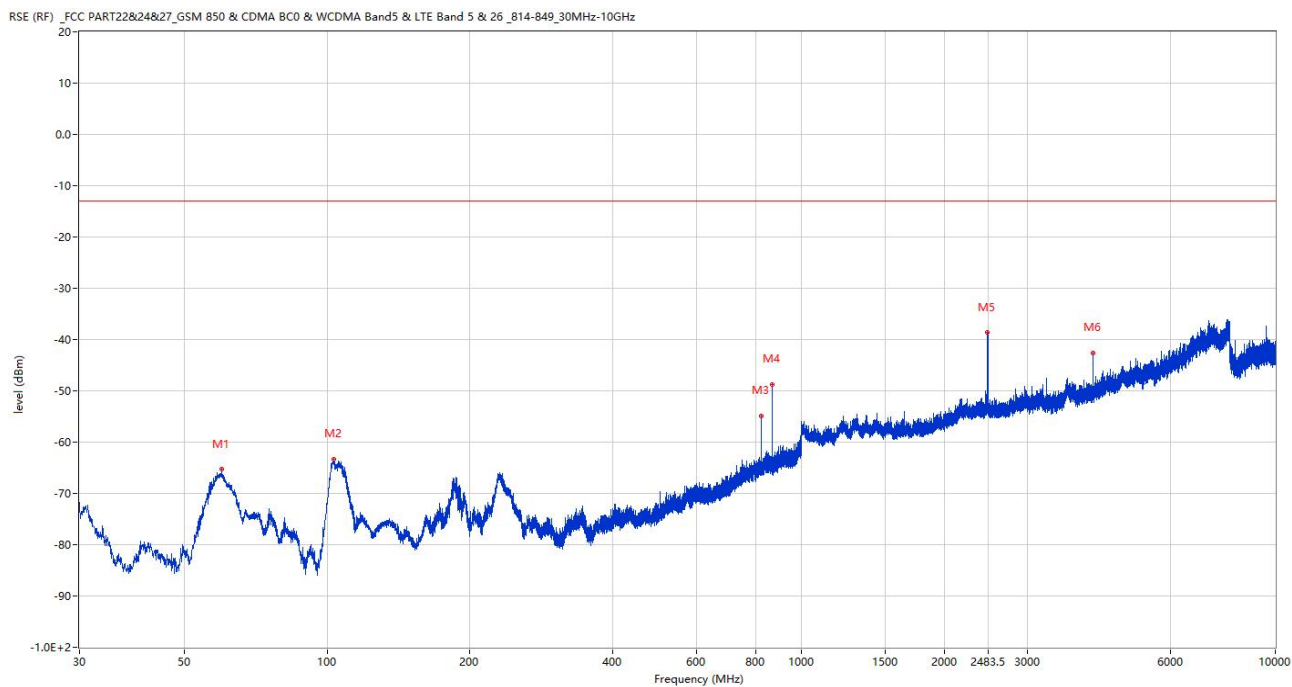

A.7 Field Strength of Spurious Radiation

1. GSM

1.1 GSM 850

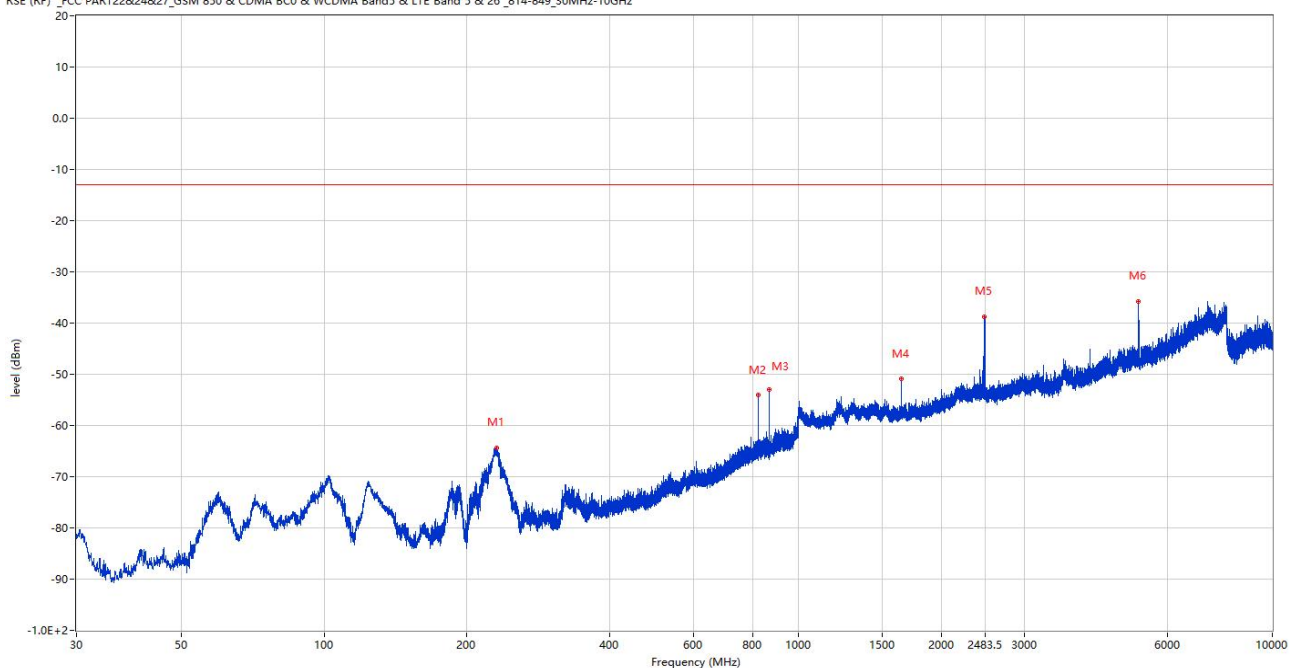
Band:GSM850,Channel:Low
range



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
59.876	-65.32	-15.58	-13.0	52.32	49.00	Vertical	Vertical	Pass
103.332	-63.26	-17.36	-13.0	50.26	145.00	Vertical	Vertical	Pass
824.236	-54.90	5.38	-13.0	41.90	67.00	Vertical	Vertical	N/A
869.196	-48.76	5.40	-13.0	35.76	238.00	Vertical	Vertical	N/A
2473.500	-38.61	1.08	-13.0	25.61	86.00	Vertical	Vertical	Pass
4122.000	-42.56	7.80	-13.0	29.56	164.00	Vertical	Vertical	Pass

Band:GSM850,Channel:Low
range

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

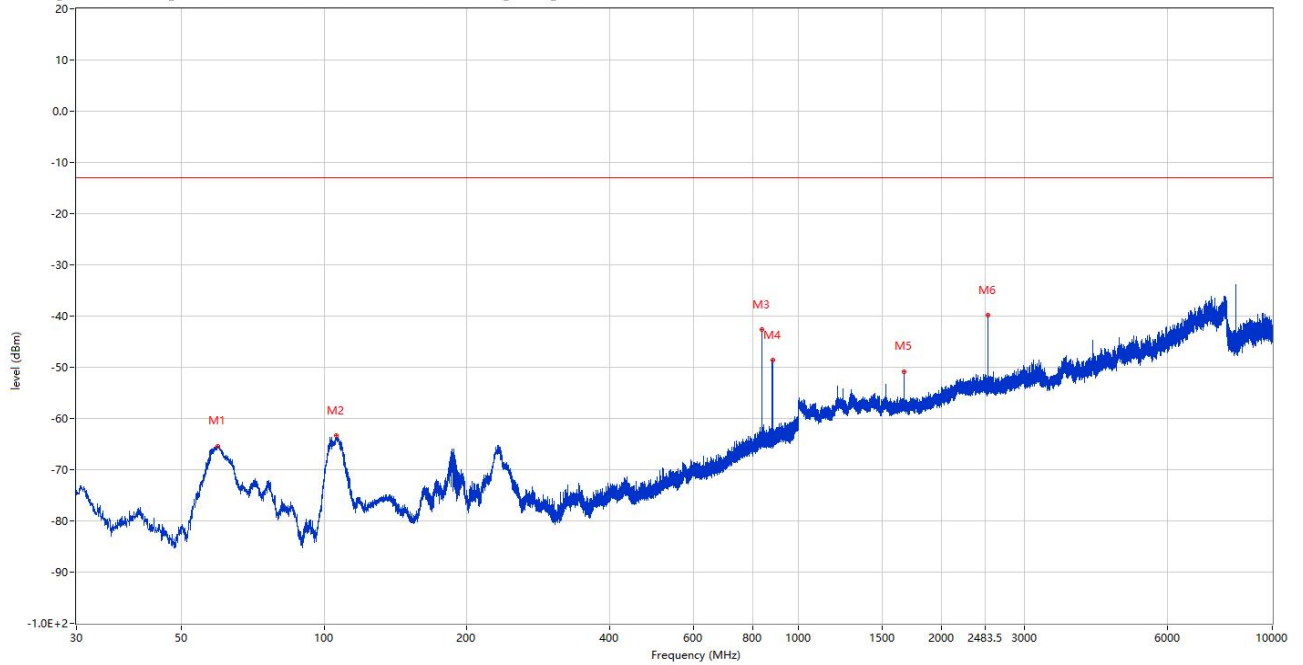


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
230.887	-64.31	-12.57	-13.0	51.31	96.00	Horizontal	Vertical	Pass
824.284	-54.11	5.38	-13.0	41.11	124.00	Horizontal	Vertical	N/A
869.244	-53.04	5.40	-13.0	40.04	251.00	Horizontal	Vertical	N/A
1649.300	-50.90	-3.61	-13.0	37.90	4.00	Horizontal	Vertical	Pass
2473.500	-38.76	1.08	-13.0	25.76	193.00	Horizontal	Vertical	Pass
5217.000	-35.71	10.56	-13.0	22.71	280.00	Horizontal	Vertical	Pass

Band:GSM850,Channel:Mid

Range

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

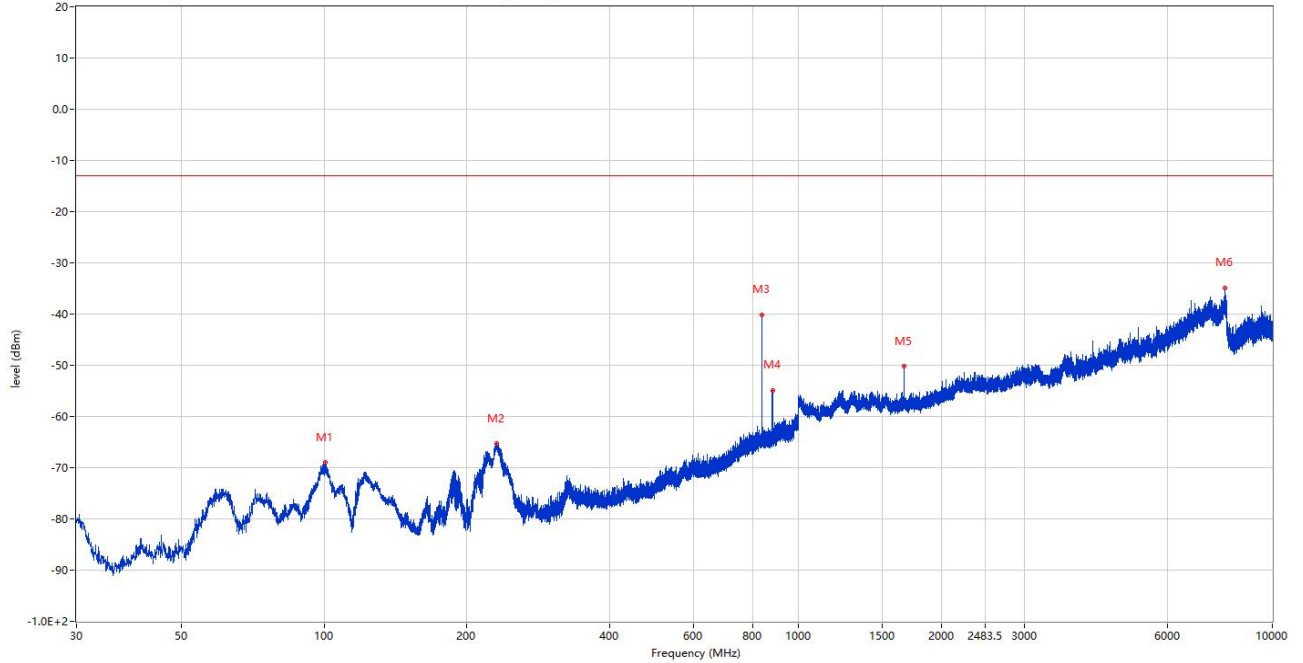


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
59.536	-65.37	-15.73	-13.0	52.37	187.00	Vertical	Vertical	Pass
106.048	-63.33	-17.35	-13.0	50.33	133.00	Vertical	Vertical	Pass
836.652	-42.68	5.71	-13.0	29.68	74.00	Vertical	Vertical	N/A
881.612	-48.65	5.76	-13.0	35.65	229.00	Vertical	Vertical	N/A
1674.200	-50.83	-3.70	-13.0	37.83	142.00	Vertical	Vertical	Pass
2510.700	-39.86	0.53	-13.0	26.86	82.00	Vertical	Vertical	Pass

Band:GSM850,Channel:Mid

Range

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

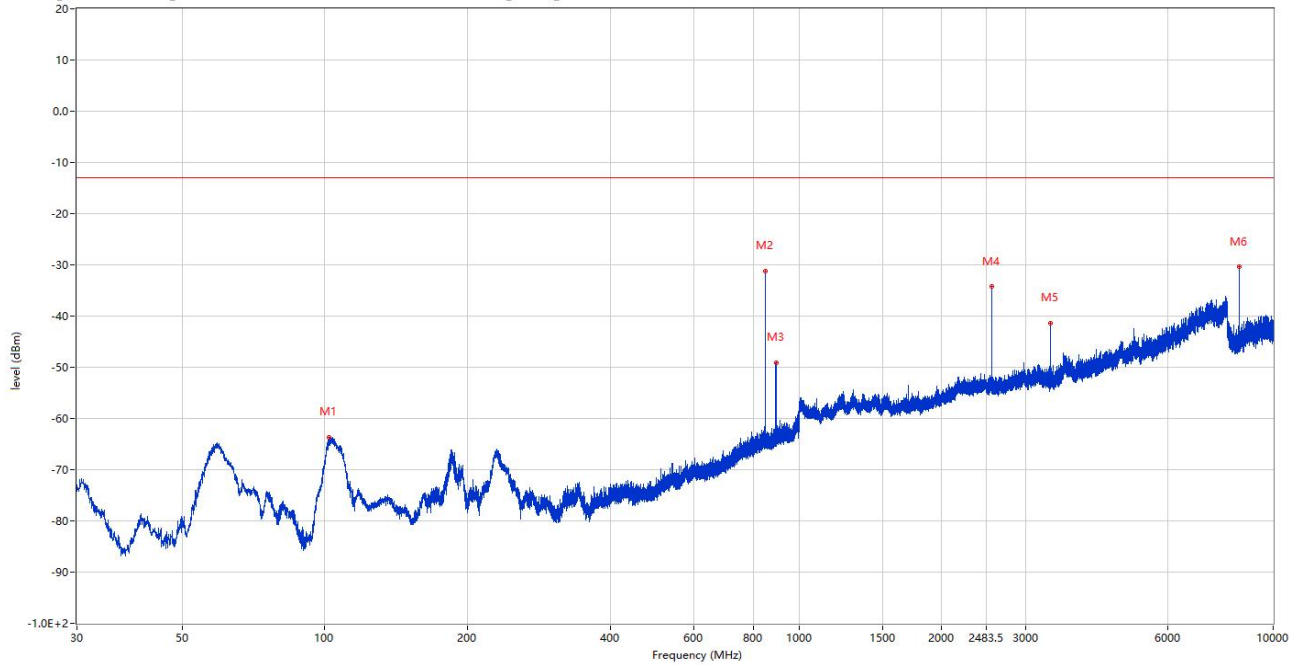


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
100.325	-68.98	-17.40	-13.0	55.98	181.00	Horizontal	Vertical	Pass
231.372	-65.27	-12.52	-13.0	52.27	93.00	Horizontal	Vertical	Pass
836.604	-40.12	5.71	-13.0	27.12	121.00	Horizontal	Vertical	N/A
881.660	-54.83	5.76	-13.0	41.83	246.00	Horizontal	Vertical	N/A
1673.900	-50.22	-3.70	-13.0	37.22	211.00	Horizontal	Vertical	Pass
7933.500	-34.90	19.20	-13.0	21.90	334.00	Horizontal	Vertical	Pass

Band:GSM850,Channel:High

Range

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

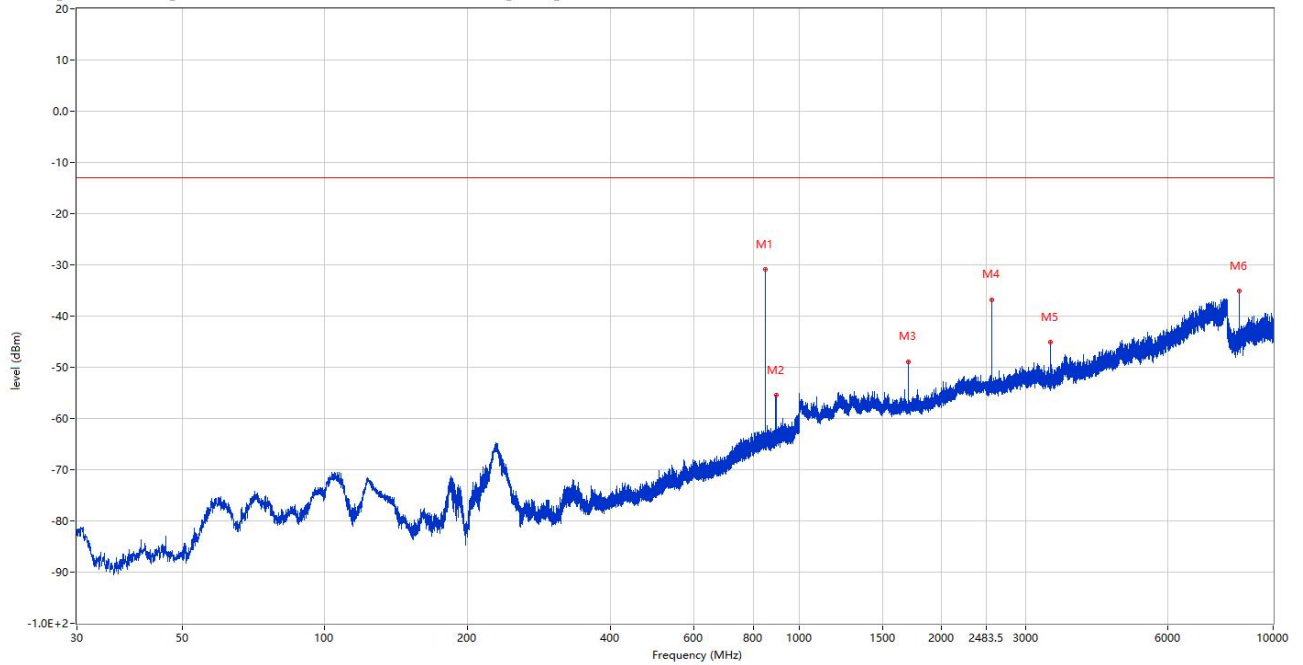


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
102.119	-63.74	-17.39	-13.0	50.74	115.00	Vertical	Vertical	Pass
848.874	-31.19	5.80	-13.0	18.19	103.00	Vertical	Vertical	N/A
893.785	-49.10	6.36	-13.0	36.10	188.00	Vertical	Vertical	N/A
2547.200	-34.27	1.04	-13.0	21.27	82.00	Vertical	Vertical	Pass
3395.750	-41.33	4.72	-13.0	28.33	41.00	Vertical	Vertical	Pass
8489.200	-30.41	13.58	-13.0	17.41	187.00	Vertical	Vertical	Pass

Band:GSM850,Channel:High

Range

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



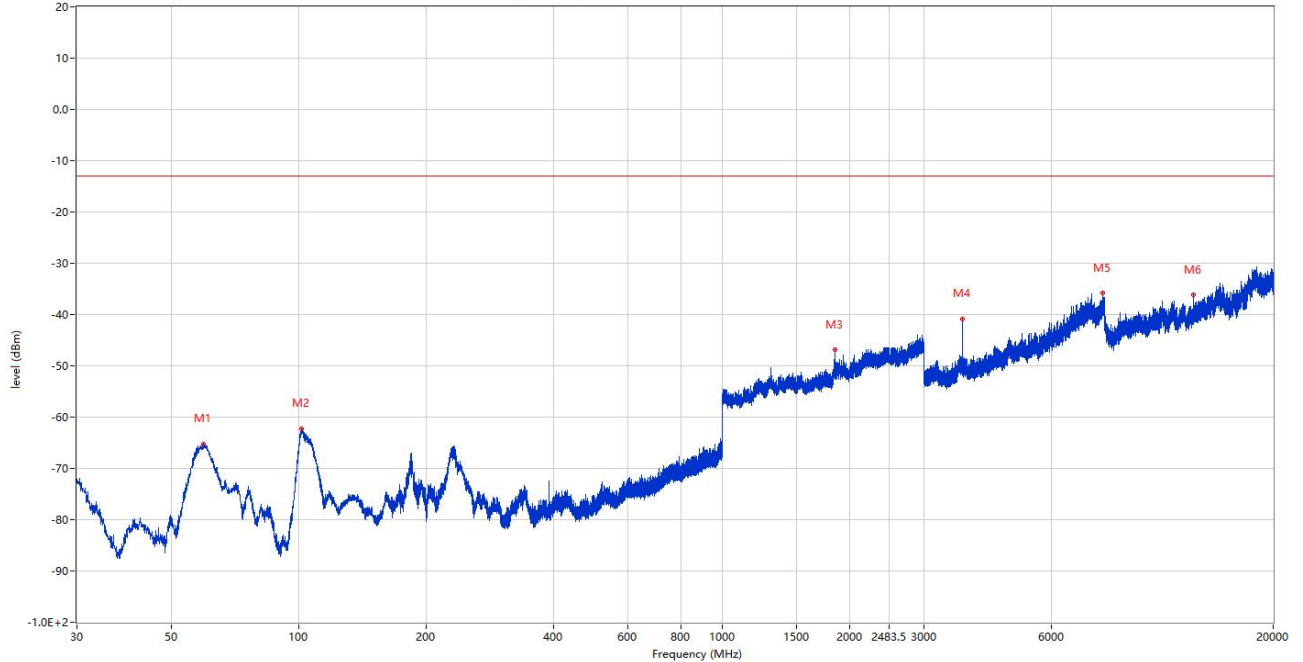
Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
848.874	-30.94	5.80	-13.0	17.94	139.00	Horizontal	Vertical	N/A
893.785	-55.36	6.36	-13.0	42.36	255.00	Horizontal	Vertical	N/A
1698.600	-48.89	-4.04	-13.0	35.89	244.00	Horizontal	Vertical	Pass
2547.500	-36.80	1.05	-13.0	23.80	31.00	Horizontal	Vertical	Pass
3395.750	-45.10	4.72	-13.0	32.10	220.00	Horizontal	Vertical	Pass
8488.200	-35.17	13.57	-13.0	22.17	0.00	Horizontal	Vertical	Pass

1.2 GSM 1900

Band:GSM1900,Channel:Low

Range

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

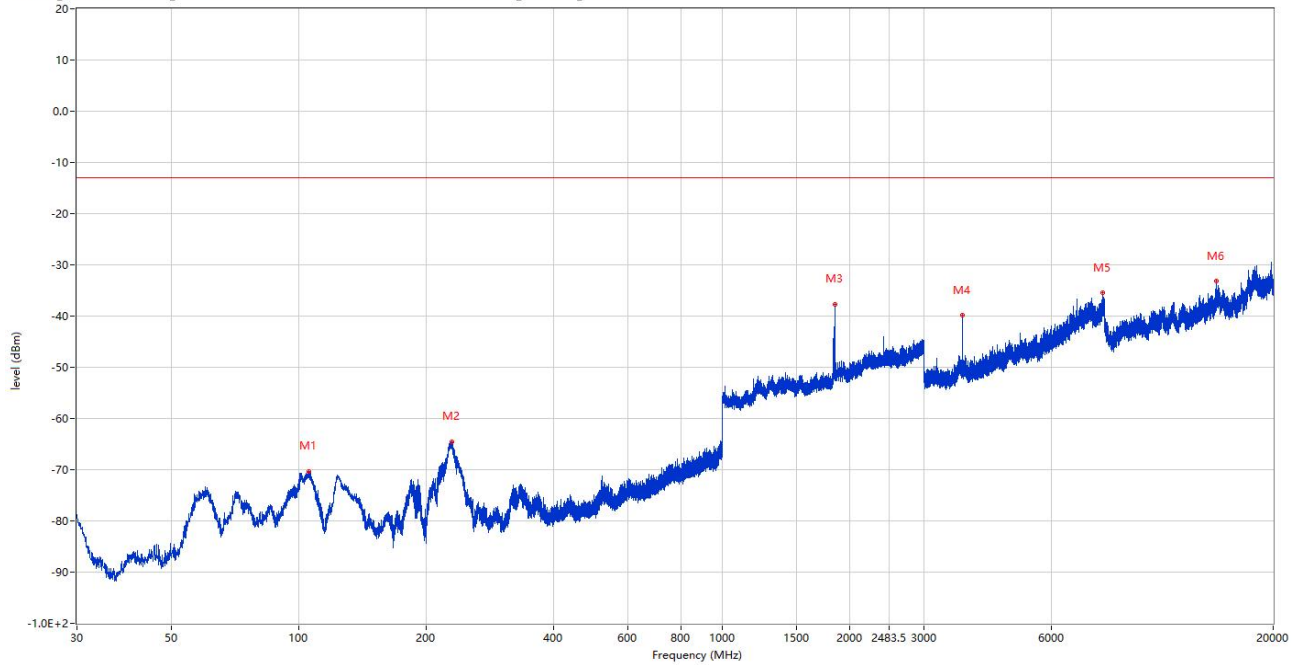


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
59.585	-65.18	-16.82	-13.0	52.18	122.00	Vertical	Vertical	Pass
101.828	-62.28	-18.83	-13.0	49.28	119.00	Vertical	Vertical	Pass
1851.100	-46.91	3.26	-13.0	33.91	201.00	Vertical	Vertical	N/A
3701.000	-40.85	7.99	-13.0	27.85	18.00	Vertical	Vertical	Pass
7919.750	-35.82	19.26	-13.0	22.82	189.00	Vertical	Vertical	Pass
12952.401	-36.06	18.21	-13.0	23.06	104.00	Vertical	Vertical	Pass

Band:GSM1900,Channel:Low

Range

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

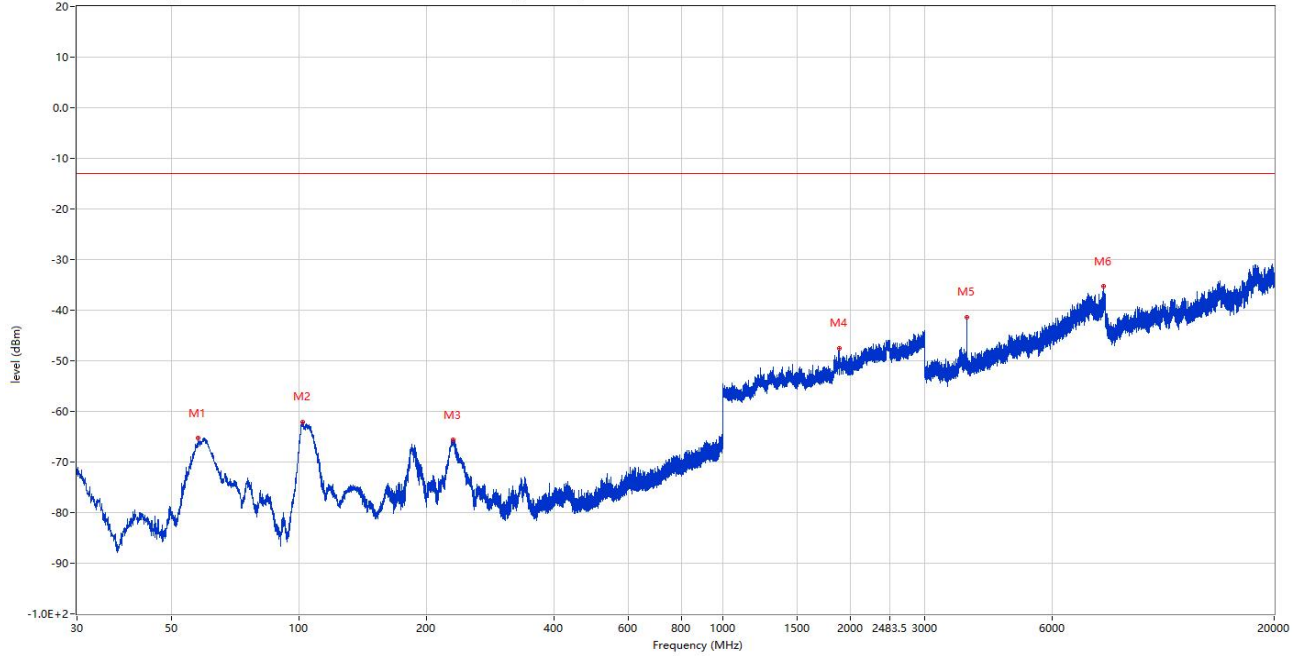


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
105.757	-70.35	-18.80	-13.0	57.35	356.00	Horizontal	Vertical	Pass
229.966	-64.52	-15.02	-13.0	51.52	94.00	Horizontal	Vertical	Pass
1850.900	-37.71	3.26	-13.0	24.71	135.00	Horizontal	Vertical	N/A
3701.000	-39.83	7.99	-13.0	26.83	147.00	Horizontal	Vertical	Pass
7925.750	-35.38	19.18	-13.0	22.38	349.00	Horizontal	Vertical	Pass
14703.200	-33.19	23.45	-13.0	20.19	9.00	Horizontal	Vertical	Pass

Band:GSM1900,Channel:Mid

Range

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

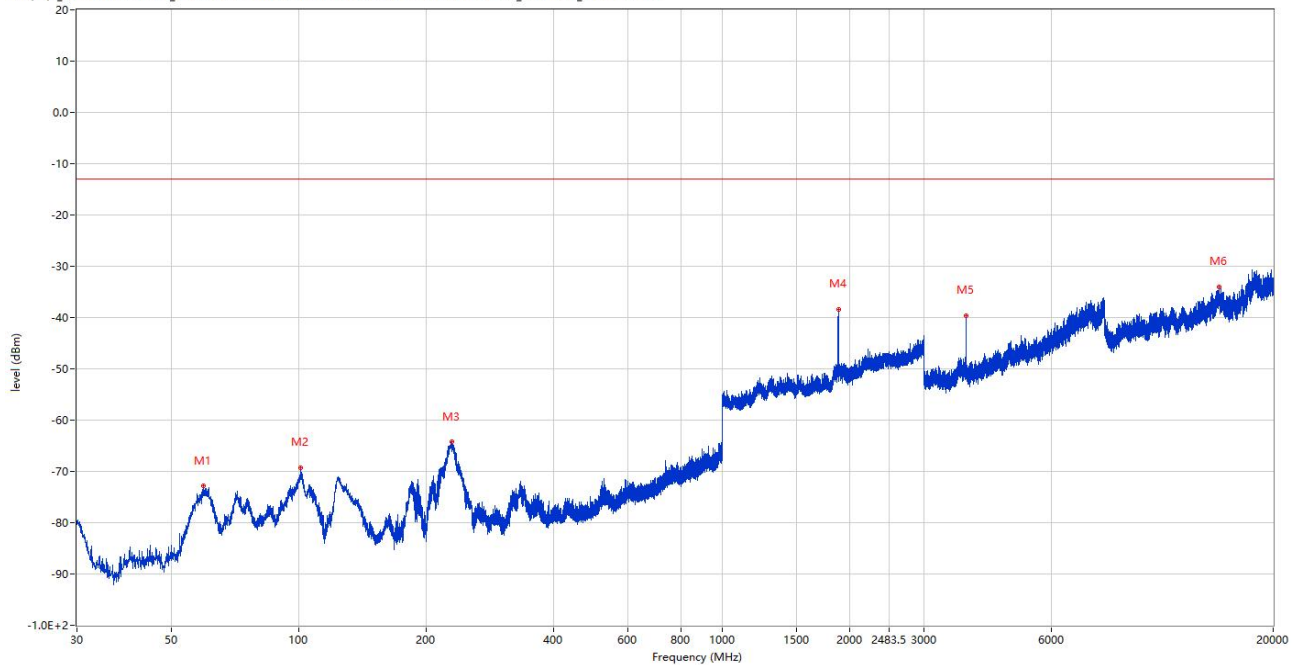


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
57.888	-65.30	-17.47	-13.0	52.30	84.00	Vertical	Vertical	Pass
101.974	-62.04	-18.83	-13.0	49.04	108.00	Vertical	Vertical	Pass
231.420	-65.68	-14.87	-13.0	52.68	334.00	Vertical	Vertical	Pass
1880.600	-47.51	3.42	-13.0	34.51	276.00	Vertical	Vertical	N/A
3760.500	-41.34	8.77	-13.0	28.34	206.00	Vertical	Vertical	Pass
7904.500	-35.29	19.25	-13.0	22.29	206.00	Vertical	Vertical	Pass

Band:GSM1900,Channel:Mid

Range

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

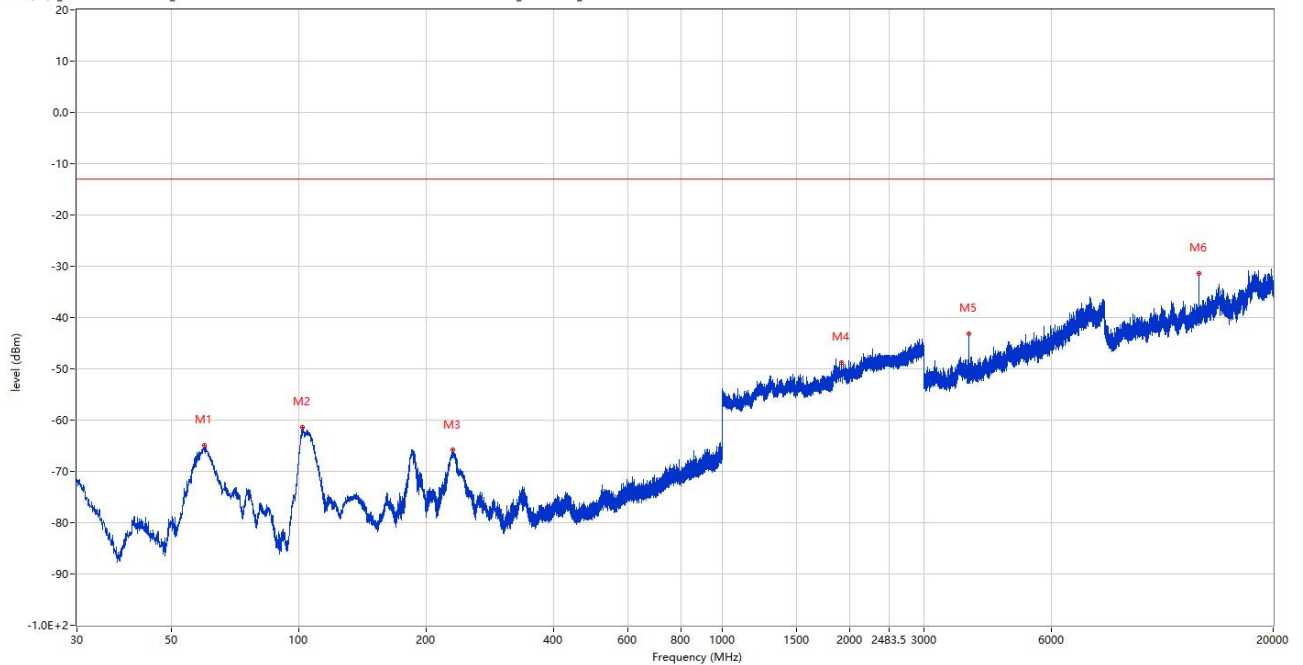


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
59.730	-72.83	-16.76	-13.0	59.83	199.00	Horizontal	Vertical	Pass
101.052	-69.27	-18.85	-13.0	56.27	0.00	Horizontal	Vertical	Pass
230.305	-64.24	-14.99	-13.0	51.24	94.00	Horizontal	Vertical	Pass
1880.800	-38.41	3.42	-13.0	25.41	225.00	Horizontal	Vertical	N/A
3760.750	-39.60	8.75	-13.0	26.60	232.00	Horizontal	Vertical	Pass
14877.200	-33.99	23.71	-13.0	20.99	59.00	Horizontal	Vertical	Pass

Band:GSM1900,Channel:High

Range

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

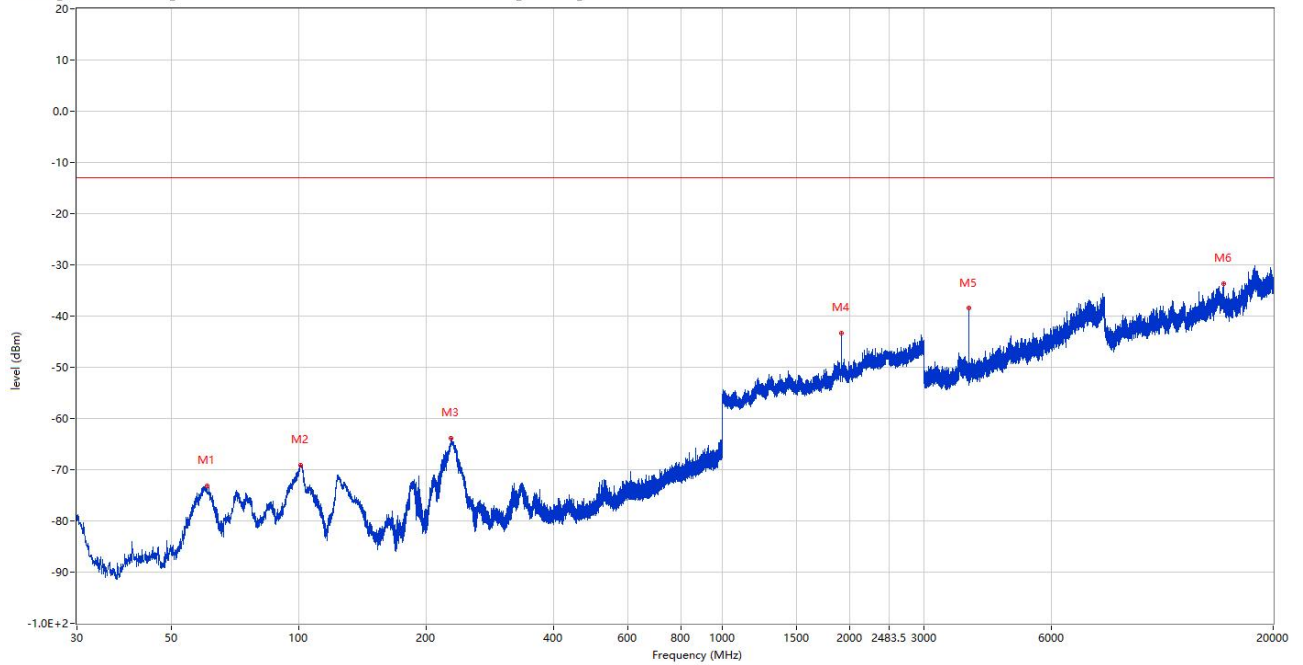


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
59.876	-64.84	-16.70	-13.0	51.84	208.00	Vertical	Vertical	Pass
102.119	-61.32	-18.83	-13.0	48.32	117.00	Vertical	Vertical	Pass
231.178	-65.82	-14.89	-13.0	52.82	347.00	Vertical	Vertical	Pass
1911.700	-48.86	3.52	-13.0	35.86	74.00	Vertical	Vertical	N/A
3820.000	-43.13	7.18	-13.0	30.13	178.00	Vertical	Vertical	Pass
13368.800	-31.34	20.21	-13.0	18.34	91.00	Vertical	Vertical	Pass

Band:GSM1900,Channel:High

Range

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



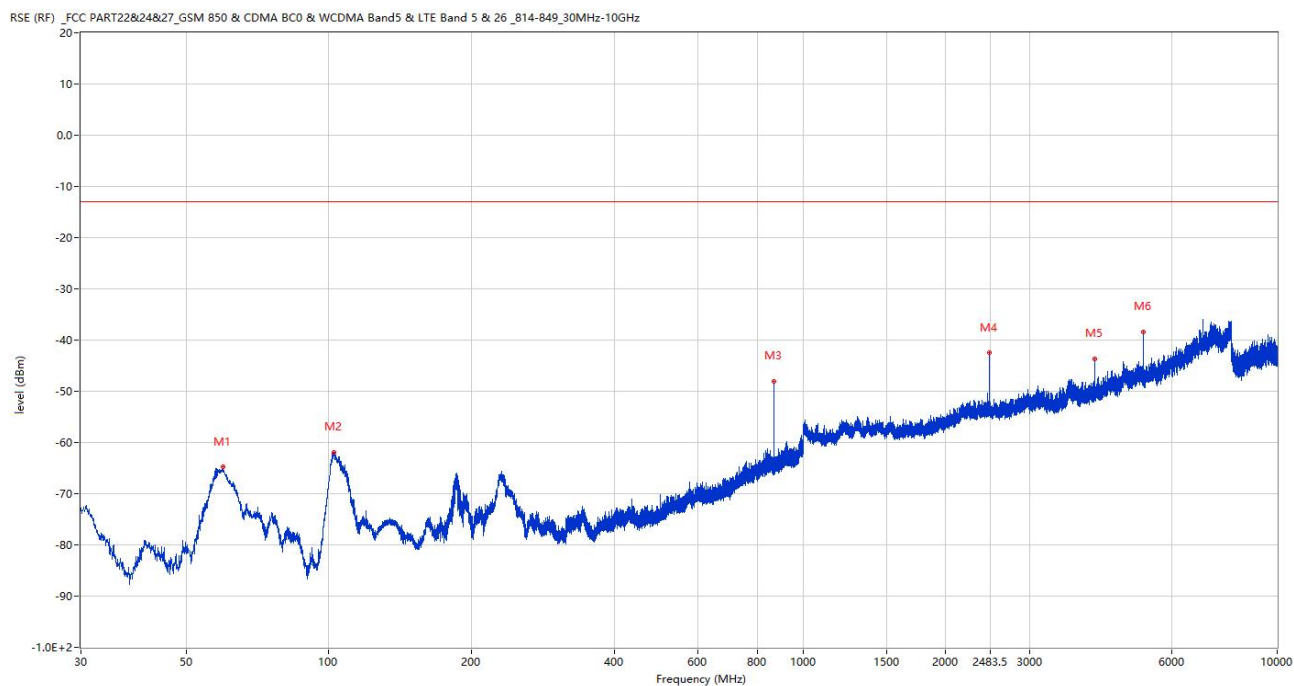
Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
60.749	-73.09	-16.44	-13.0	60.09	167.00	Horizontal	Vertical	Pass
101.392	-69.09	-18.84	-13.0	56.09	0.00	Horizontal	Vertical	Pass
229.529	-63.80	-15.07	-13.0	50.80	103.00	Horizontal	Vertical	Pass
1910.600	-43.32	3.52	-13.0	30.32	213.00	Horizontal	Vertical	N/A
3820.000	-38.45	7.18	-13.0	25.45	210.00	Horizontal	Vertical	Pass
15255.200	-33.73	22.77	-13.0	20.73	125.00	Horizontal	Vertical	Pass

2. GPRS

2.1 GPRS 850

Band:GPRS850,Channel:Low

Range

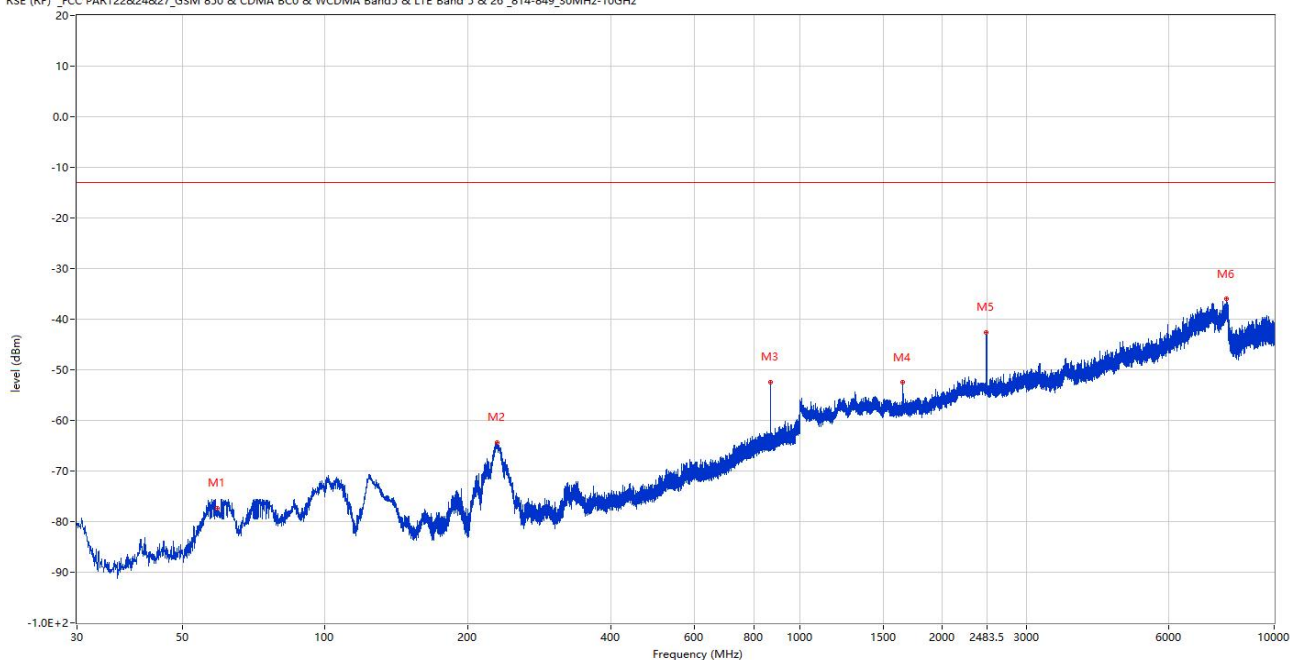


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
59.779	-64.75	-15.63	-13.0	51.75	104.00	Vertical	Vertical	Pass
102.556	-61.85	-17.38	-13.0	48.85	142.00	Vertical	Vertical	Pass
869.244	-48.04	5.40	-13.0	35.04	222.00	Vertical	Vertical	N/A
2473.500	-42.54	1.08	-13.0	29.54	89.00	Vertical	Vertical	Pass
4121.500	-43.63	7.81	-13.0	30.63	1.00	Vertical	Vertical	Pass
5213.500	-38.34	10.64	-13.0	25.34	128.00	Vertical	Vertical	Pass

Band:GPRS850,Channel:Low

Range

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

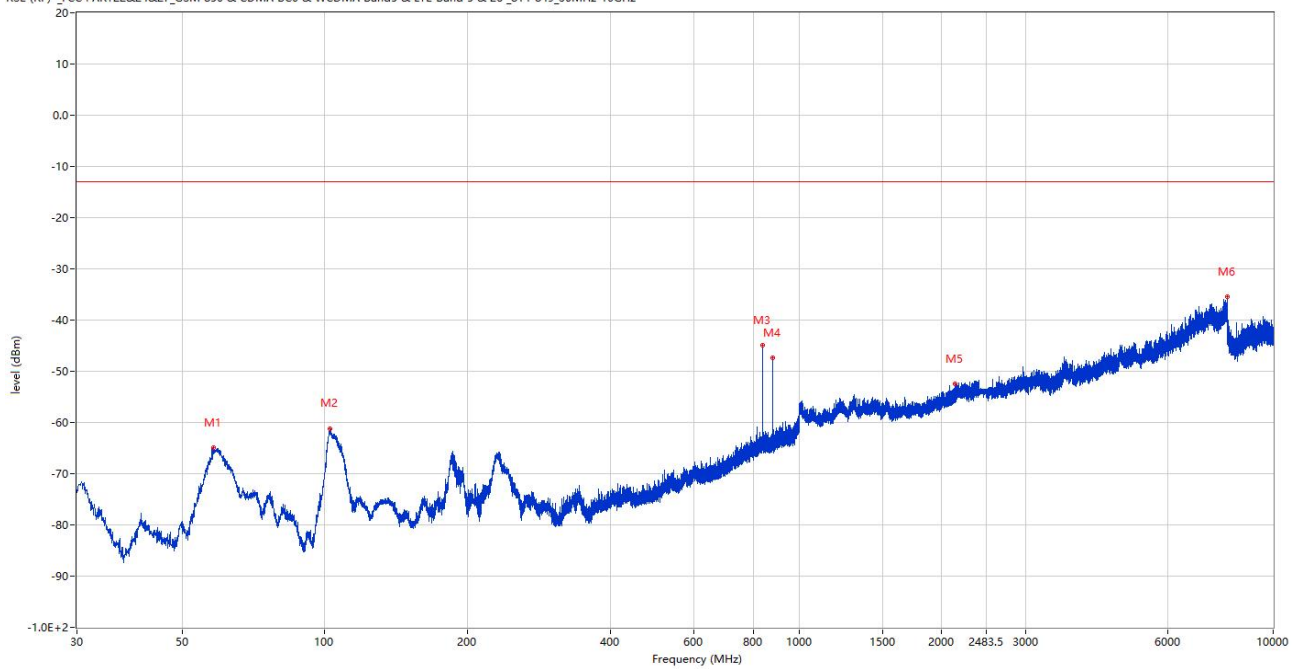


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
59.245	-73.44	-15.86	-13.0	60.44	170.00	Horizontal	Vertical	Pass
230.790	-64.33	-12.58	-13.0	51.33	89.00	Horizontal	Vertical	Pass
869.244	-52.42	5.40	-13.0	39.42	256.00	Horizontal	Vertical	N/A
1649.100	-52.52	-3.61	-13.0	39.52	360.00	Horizontal	Vertical	Pass
2473.600	-42.58	1.08	-13.0	29.58	4.00	Horizontal	Vertical	Pass
7948.250	-36.02	19.66	-13.0	23.02	191.00	Horizontal	Vertical	Pass

Band:GPRS850,Channel:Mid

Range

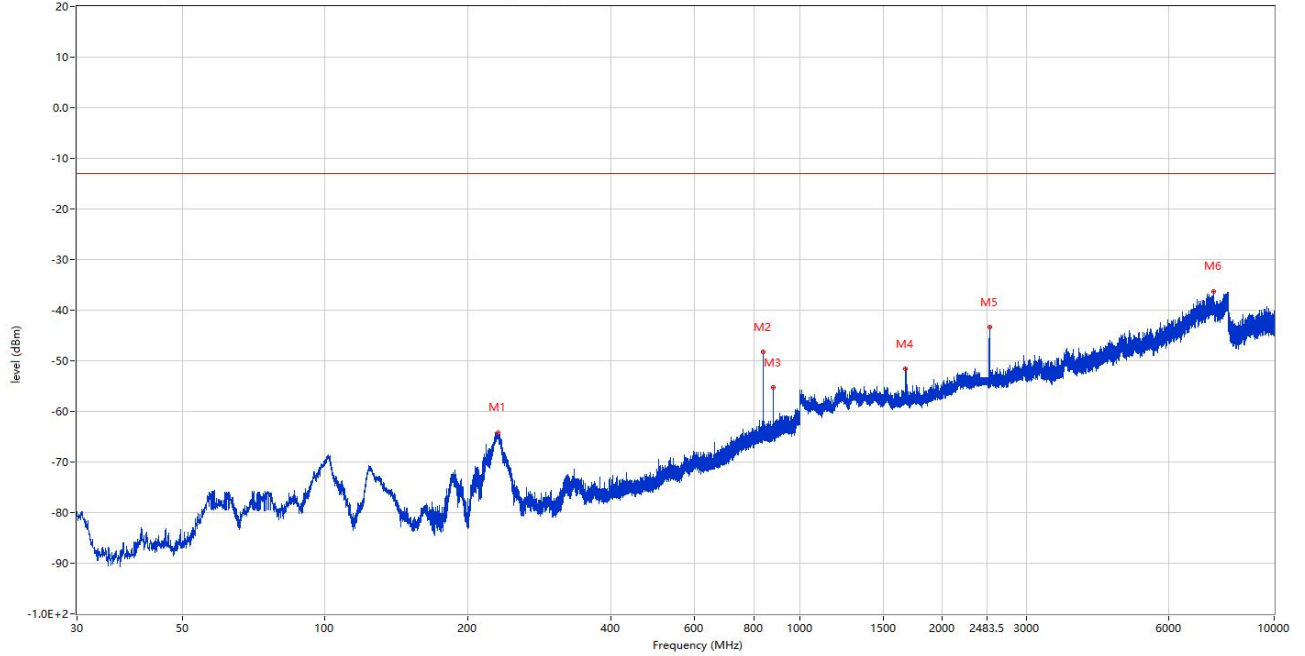
RSE (RF) _FCC PART22&24&27_GSM 850 & CDMA BC0 & WCDMA Band5 & LTE Band 5 & 26 _814-849_30MHz-10GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
58.130	-64.94	-16.35	-13.0	51.94	91.00	Vertical	Vertical	Pass
102.604	-61.17	-17.38	-13.0	48.17	127.00	Vertical	Vertical	Pass
836.555	-44.98	5.71	-13.0	31.98	33.00	Vertical	Vertical	N/A
881.660	-47.30	5.76	-13.0	34.30	229.00	Vertical	Vertical	N/A
2138.600	-52.40	-0.62	-13.0	39.40	74.00	Vertical	Vertical	Pass
7990.250	-35.51	19.91	-13.0	22.51	186.00	Vertical	Vertical	Pass

Band:PRS850,Channel:Mid
Range

RSE (RF) _FCC PART2&24&27_GSM 850 & CDMA BC0 & WCDMA Band5 & LTE Band 5 & 26_814-849_30MHz-10GHz

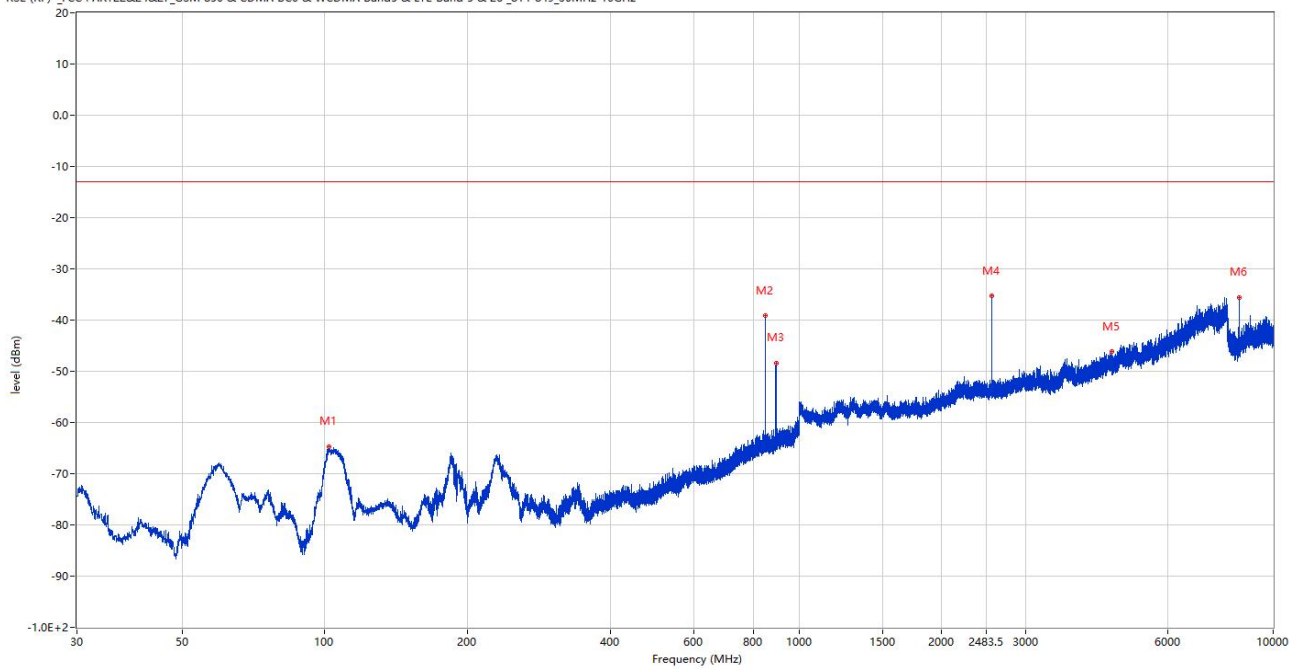


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
231.324	-64.13	-12.53	-13.0	51.13	98.00	Horizontal	Vertical	Pass
836.652	-48.26	5.71	-13.0	35.26	356.00	Horizontal	Vertical	N/A
881.660	-55.32	5.76	-13.0	42.32	256.00	Horizontal	Vertical	N/A
1674.100	-51.58	-3.70	-13.0	38.58	102.00	Horizontal	Vertical	Pass
2510.700	-43.40	0.53	-13.0	30.40	0.00	Horizontal	Vertical	Pass
7460.250	-36.29	18.30	-13.0	23.29	120.00	Horizontal	Vertical	Pass

Band:GPRS850,Channel:High

Range

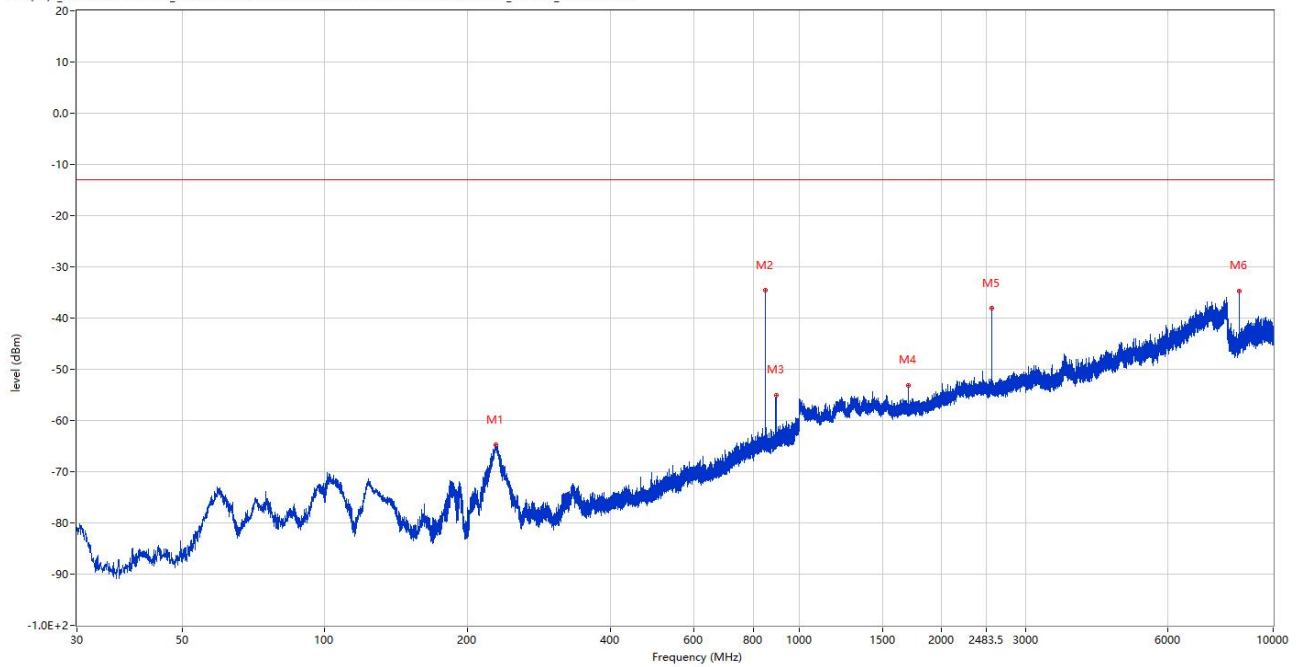
RSE (RF) _FCC PART22&24&27_GSM 850 & CDMA BC0 & WCDMA Band5 & LTE Band 5 & 26 _814-849_30MHz-10GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
102.119	-64.71	-17.39	-13.0	51.71	121.00	Vertical	Vertical	Pass
848.874	-39.19	5.80	-13.0	26.19	326.00	Vertical	Vertical	N/A
893.833	-48.46	6.36	-13.0	35.46	189.00	Vertical	Vertical	N/A
2547.600	-35.31	1.05	-13.0	22.31	82.00	Vertical	Vertical	Pass
4578.000	-46.16	8.84	-13.0	33.16	5.00	Vertical	Vertical	Pass
8489.100	-35.54	13.58	-13.0	22.54	38.00	Vertical	Vertical	Pass

Band:GPRS850,Channel:High
Range

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



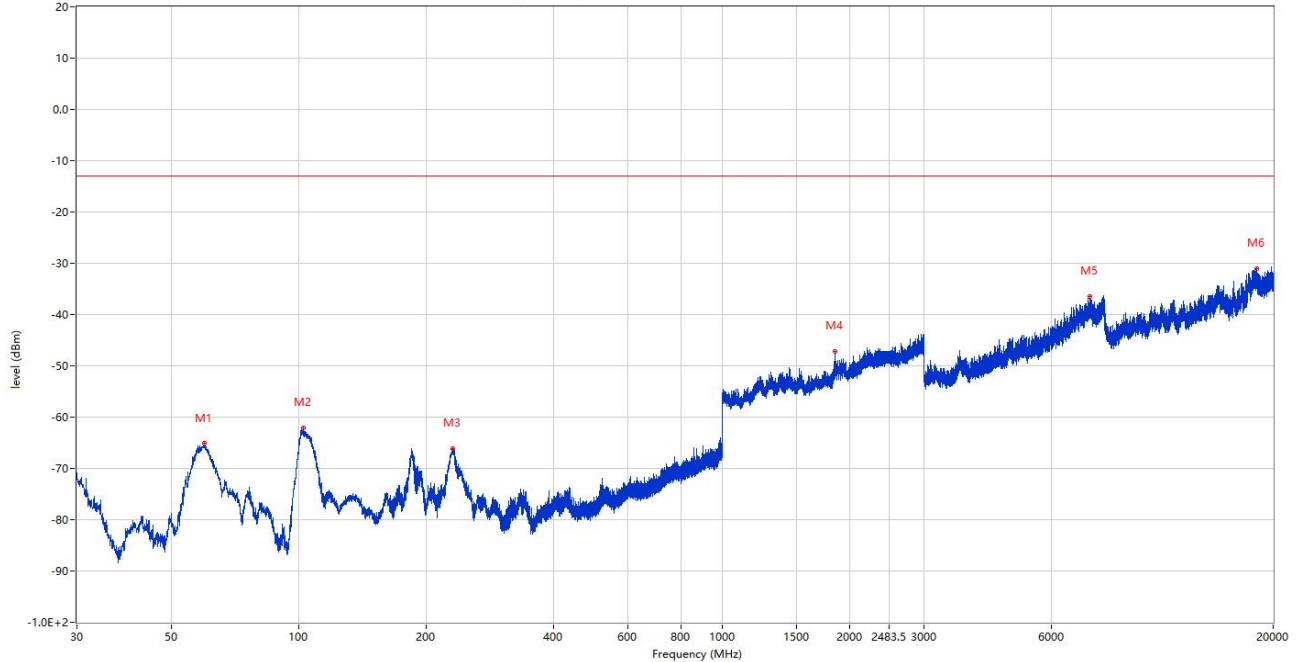
Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
229.141	-64.82	-12.76	-13.0	51.82	101.00	Horizontal	Vertical	Pass
848.777	-34.63	5.80	-13.0	21.63	141.00	Horizontal	Vertical	N/A
893.785	-55.05	6.36	-13.0	42.05	261.00	Horizontal	Vertical	N/A
1698.400	-53.14	-4.04	-13.0	40.14	185.00	Horizontal	Vertical	Pass
2547.100	-38.10	1.04	-13.0	25.10	34.00	Horizontal	Vertical	Pass
8488.200	-34.66	13.57	-13.0	21.66	144.00	Horizontal	Vertical	Pass

2.2 GPRS 1900

Band:GPRS1900,Channel:Low

Range

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

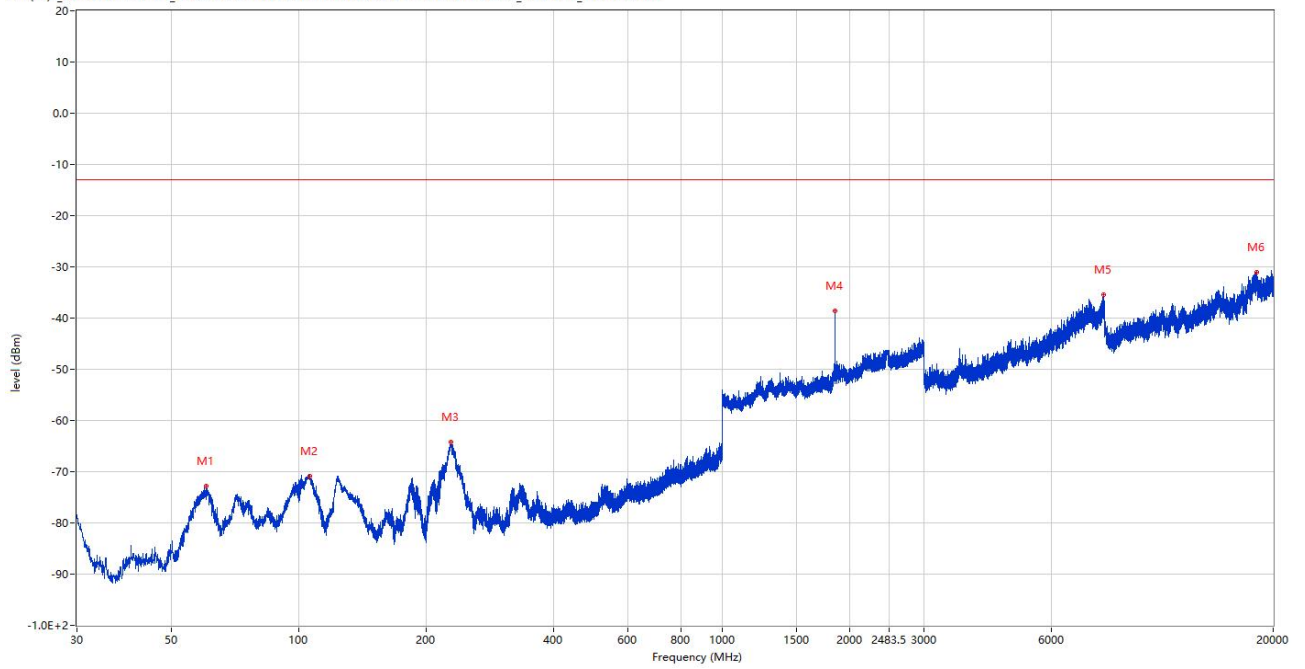


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
59.925	-65.12	-16.68	-13.0	52.12	117.00	Vertical	Vertical	Pass
102.604	-62.09	-18.82	-13.0	49.09	173.00	Vertical	Vertical	Pass
230.887	-66.23	-14.92	-13.0	53.23	0.00	Vertical	Vertical	Pass
1851.100	-47.19	3.26	-13.0	34.19	203.00	Vertical	Vertical	N/A
7367.500	-36.53	18.18	-13.0	23.53	355.00	Vertical	Vertical	Pass
18277.401	-30.97	25.27	-13.0	17.97	215.00	Vertical	Vertical	Pass

Band:GPRS1900,Channel:Low

Range

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

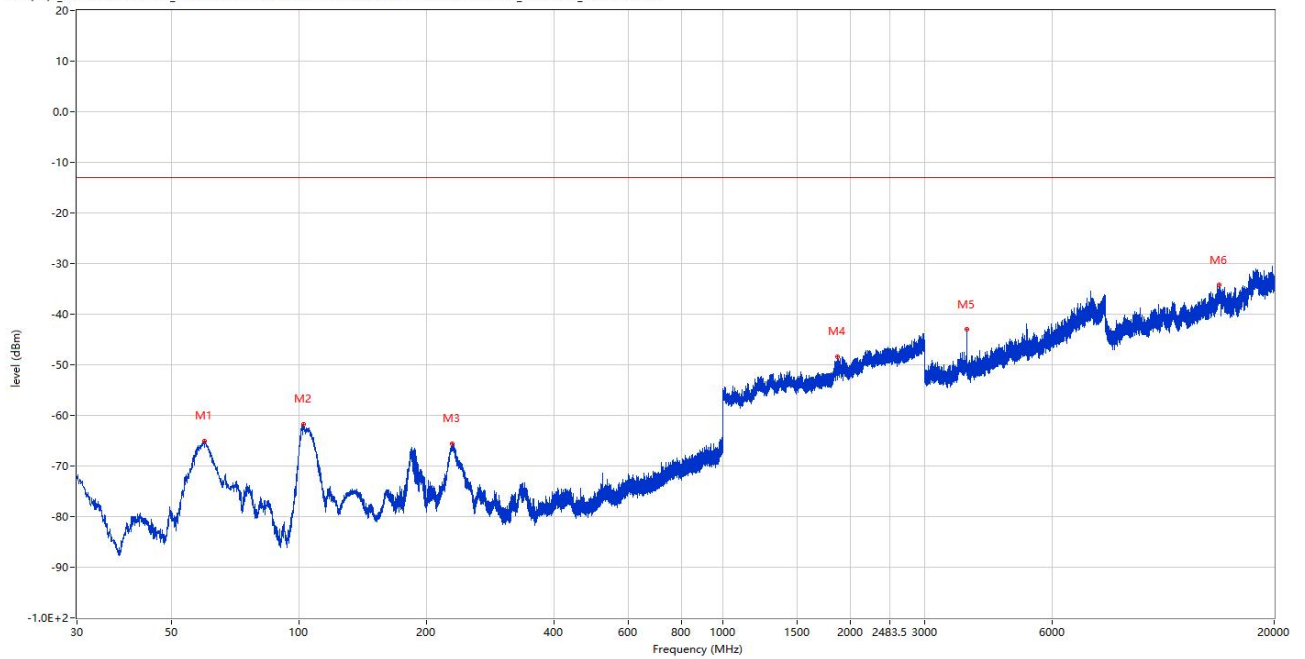


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
60.700	-72.84	-16.46	-13.0	59.84	178.00	Horizontal	Vertical	Pass
106.339	-70.90	-18.83	-13.0	57.90	355.00	Horizontal	Vertical	Pass
229.238	-64.24	-15.10	-13.0	51.24	96.00	Horizontal	Vertical	Pass
1851.200	-38.68	3.26	-13.0	25.68	166.00	Horizontal	Vertical	N/A
7969.000	-35.52	19.79	-13.0	22.52	242.00	Horizontal	Vertical	Pass
18294.800	-31.09	25.29	-13.0	18.09	202.00	Horizontal	Vertical	Pass

Band:GPRS1900,Channel:Mid

Range

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

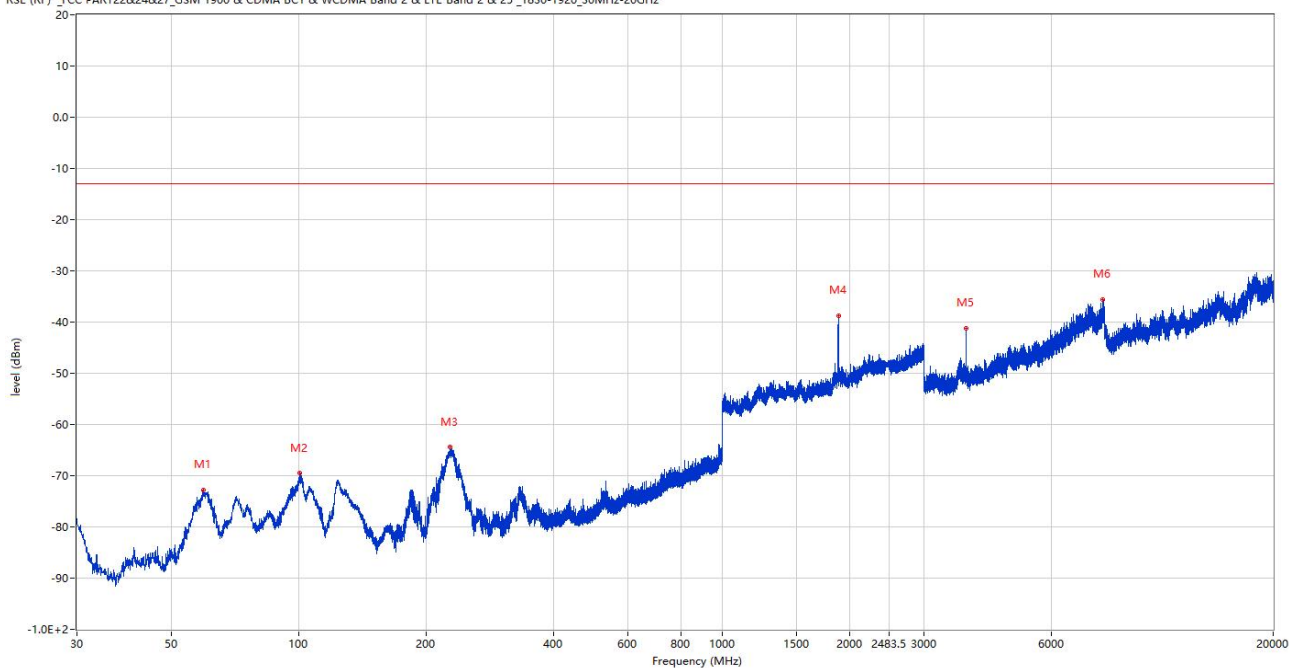


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
59.828	-65.10	-16.72	-13.0	52.10	187.00	Vertical	Vertical	Pass
102.459	-61.79	-18.82	-13.0	48.79	109.00	Vertical	Vertical	Pass
230.450	-65.58	-14.97	-13.0	52.58	347.00	Vertical	Vertical	Pass
1870.300	-48.42	3.37	-13.0	35.42	284.00	Vertical	Vertical	Pass
3760.750	-43.07	8.75	-13.0	30.07	0.00	Vertical	Vertical	Pass
14836.400	-34.22	23.96	-13.0	21.22	28.00	Vertical	Vertical	Pass

Band:GPRS1900,Channel:Mid

Range

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

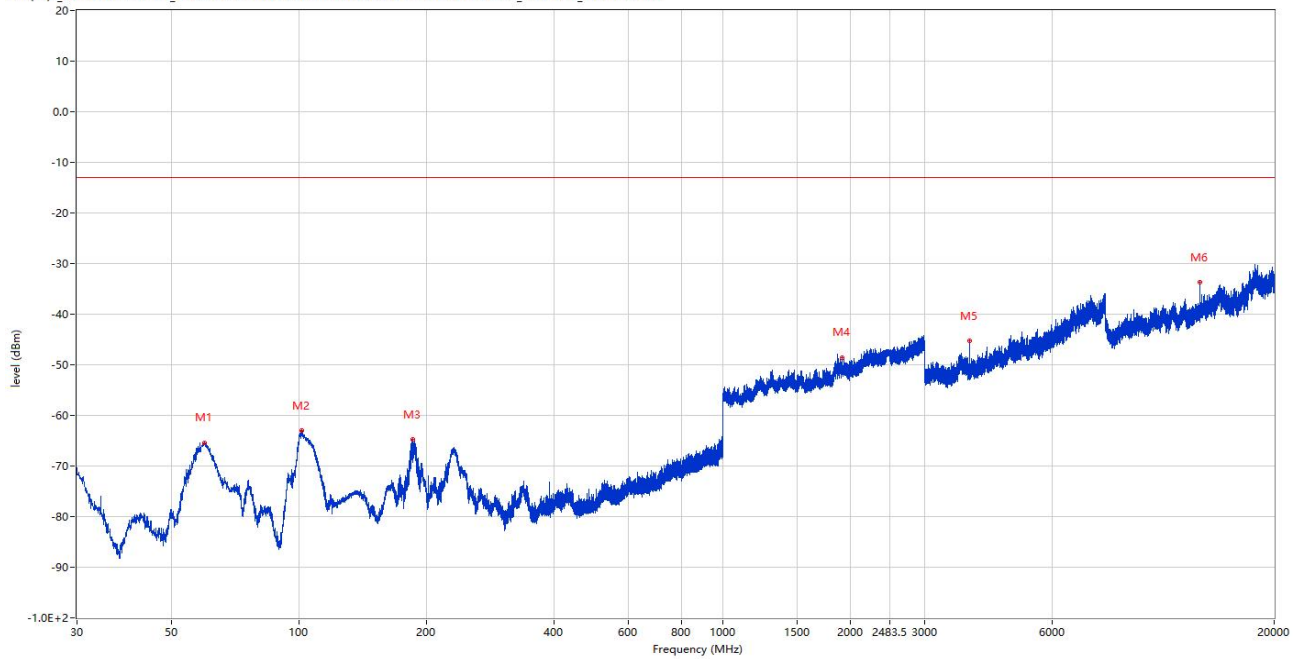


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
59.682	-72.87	-16.78	-13.0	59.87	173.00	Horizontal	Vertical	Pass
100.907	-69.49	-18.85	-13.0	56.49	0.00	Horizontal	Vertical	Pass
227.734	-64.40	-15.25	-13.0	51.40	95.00	Horizontal	Vertical	Pass
1880.900	-38.73	3.42	-13.0	25.73	231.00	Horizontal	Vertical	N/A
3760.500	-41.22	8.77	-13.0	28.22	107.00	Horizontal	Vertical	Pass
7914.750	-35.57	19.31	-13.0	22.57	115.00	Horizontal	Vertical	Pass

Band:GPRS1900,Channel:High

Range

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

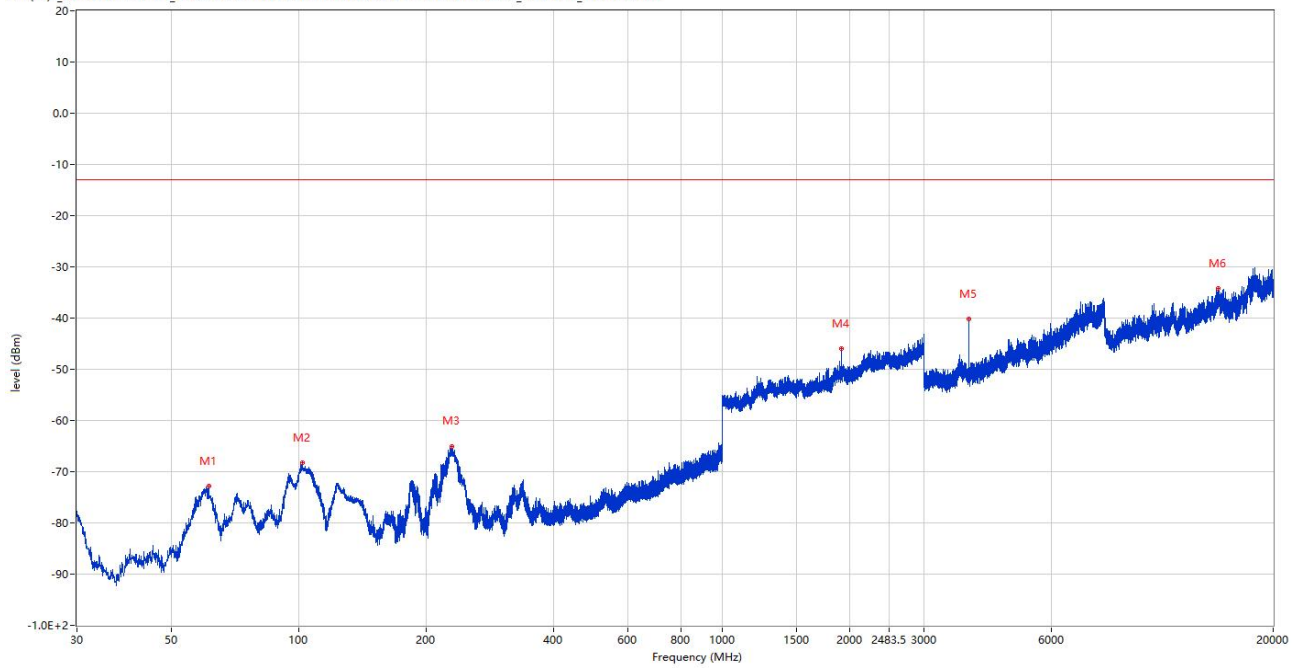


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
59.876	-65.36	-16.70	-13.0	52.36	130.00	Vertical	Vertical	Pass
101.683	-63.06	-18.83	-13.0	50.06	86.00	Vertical	Vertical	Pass
185.491	-64.79	-17.87	-13.0	51.79	123.00	Vertical	Vertical	Pass
1912.600	-48.58	3.52	-13.0	35.58	22.00	Vertical	Vertical	N/A
3820.500	-45.33	7.19	-13.0	32.33	333.00	Vertical	Vertical	Pass
13368.200	-33.70	20.22	-13.0	20.70	304.00	Vertical	Vertical	Pass

Band:GPRS1900,Channel:High

Range

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



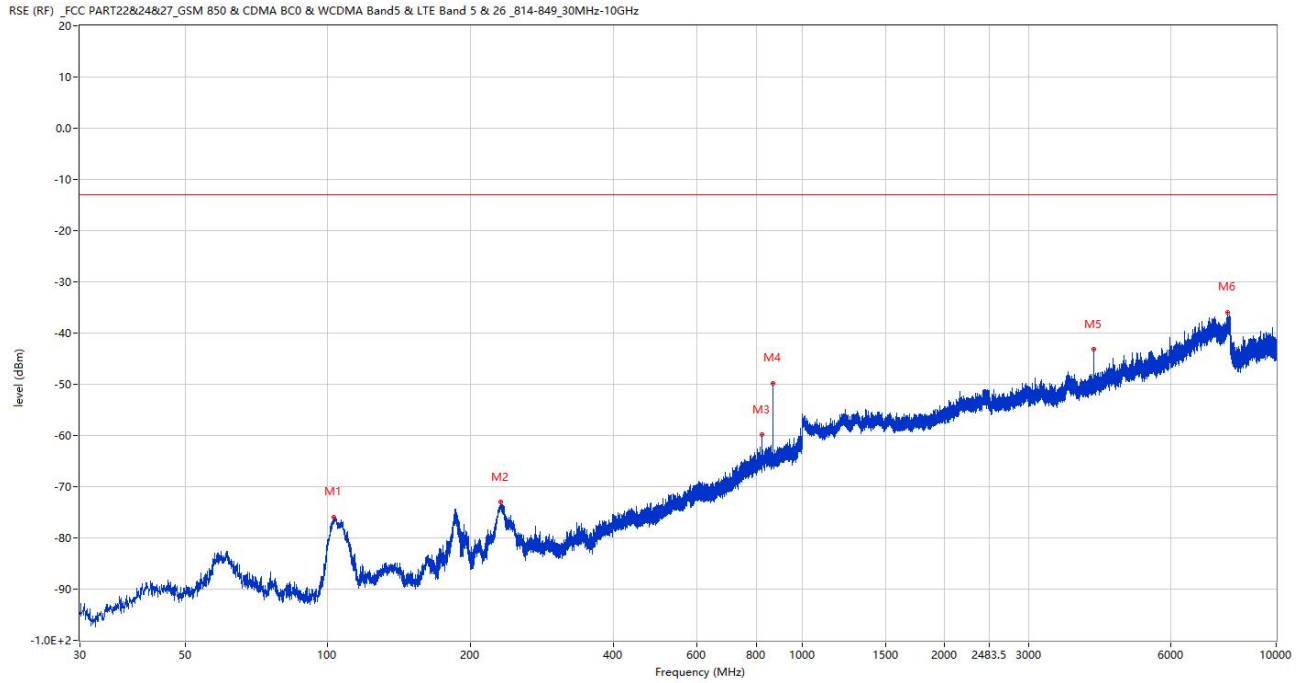
Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
61.428	-72.85	-16.26	-13.0	59.85	173.00	Horizontal	Vertical	Pass
102.022	-68.32	-18.83	-13.0	55.32	360.00	Horizontal	Vertical	Pass
230.160	-65.07	-15.00	-13.0	52.07	108.00	Horizontal	Vertical	Pass
1910.500	-45.90	3.52	-13.0	32.90	238.00	Horizontal	Vertical	N/A
3820.000	-40.24	7.18	-13.0	27.24	132.00	Horizontal	Vertical	Pass
14833.401	-34.22	24.07	-13.0	21.22	193.00	Horizontal	Vertical	Pass

3. EGPRS

3.1 EGPRS 850

Band:EGPRS850,Channel:Low

Range

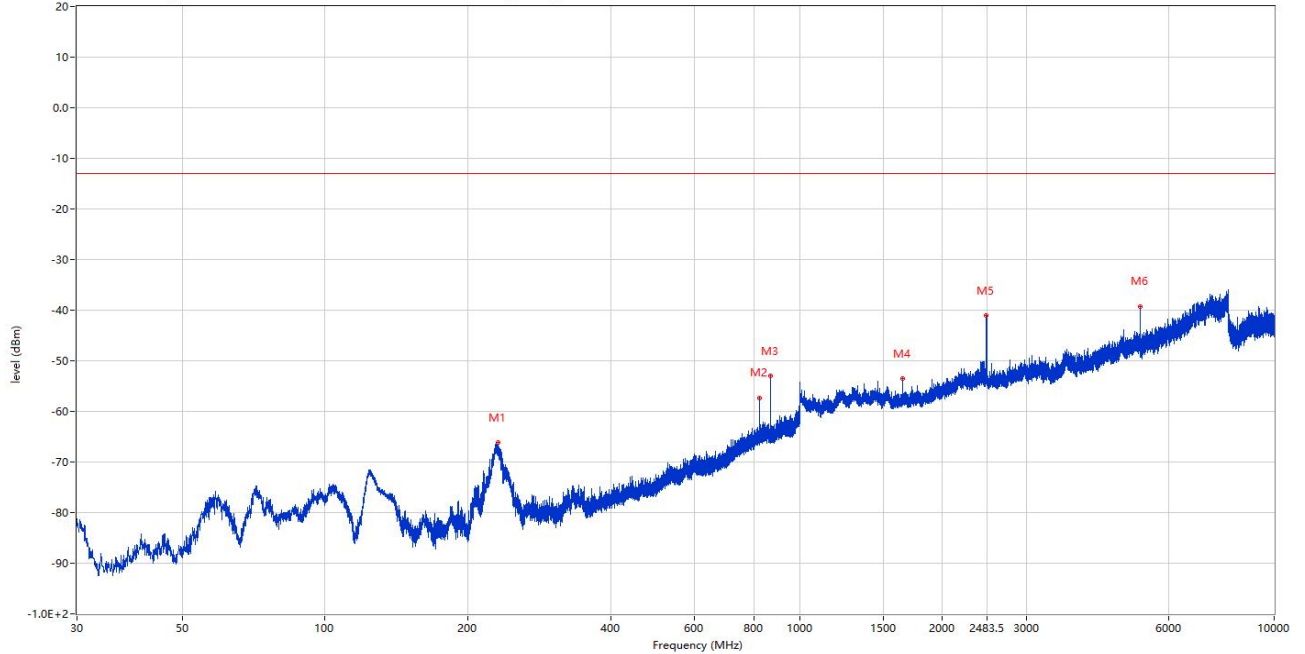


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
103.138	-75.94	-17.36	-13.0	62.94	134.00	Vertical	Vertical	Pass
231.712	-73.07	-12.49	-13.0	60.07	356.00	Vertical	Vertical	Pass
824.236	-59.91	5.38	-13.0	46.91	328.00	Vertical	Vertical	N/A
869.196	-49.78	5.40	-13.0	36.78	229.00	Vertical	Vertical	N/A
4121.500	-43.23	7.81	-13.0	30.23	1.00	Vertical	Vertical	Pass
7908.250	-35.94	19.32	-13.0	22.94	143.00	Vertical	Vertical	Pass

Band:EGPRS850,Channel:Low

Range

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

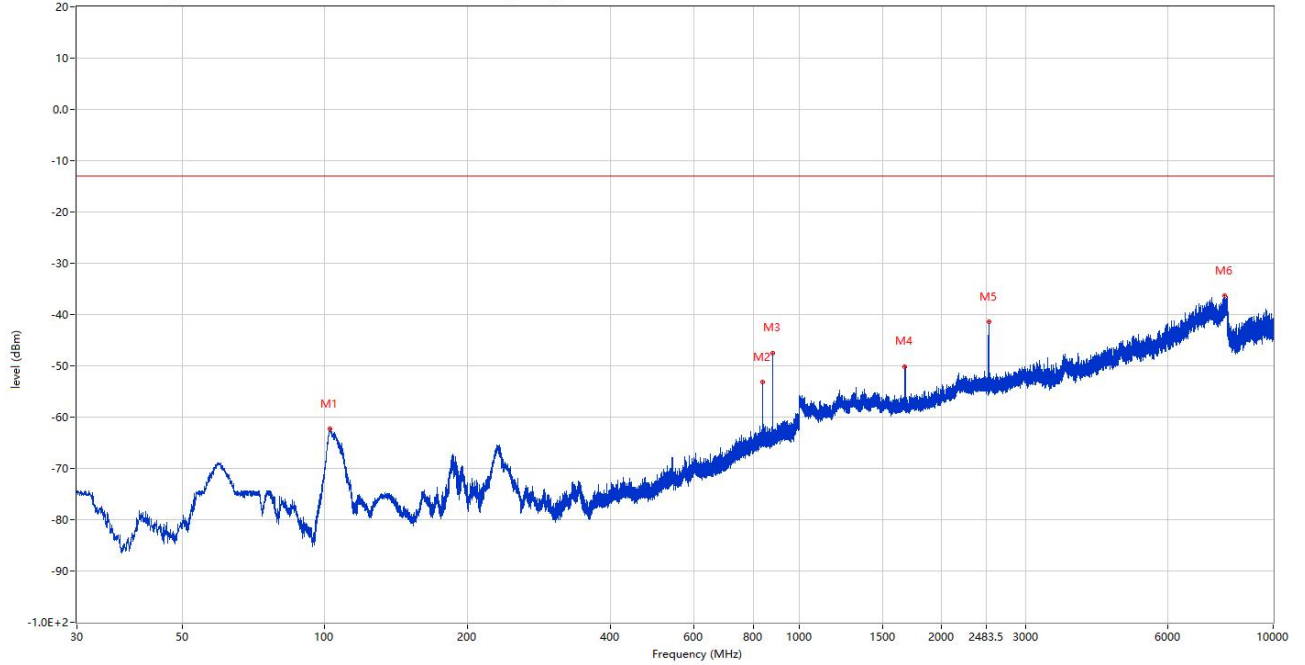


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
231.857	-66.07	-12.47	-13.0	53.07	77.00	Horizontal	Vertical	Pass
824.284	-57.45	5.38	-13.0	44.45	360.00	Horizontal	Vertical	N/A
869.196	-52.99	5.40	-13.0	39.99	250.00	Horizontal	Vertical	N/A
1649.200	-53.51	-3.61	-13.0	40.51	63.00	Horizontal	Vertical	Pass
2473.400	-41.12	1.08	-13.0	28.12	11.00	Horizontal	Vertical	Pass
5213.750	-39.26	10.64	-13.0	26.26	225.00	Horizontal	Vertical	Pass

Band:EGPRS850,Channel:Mid

Range

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

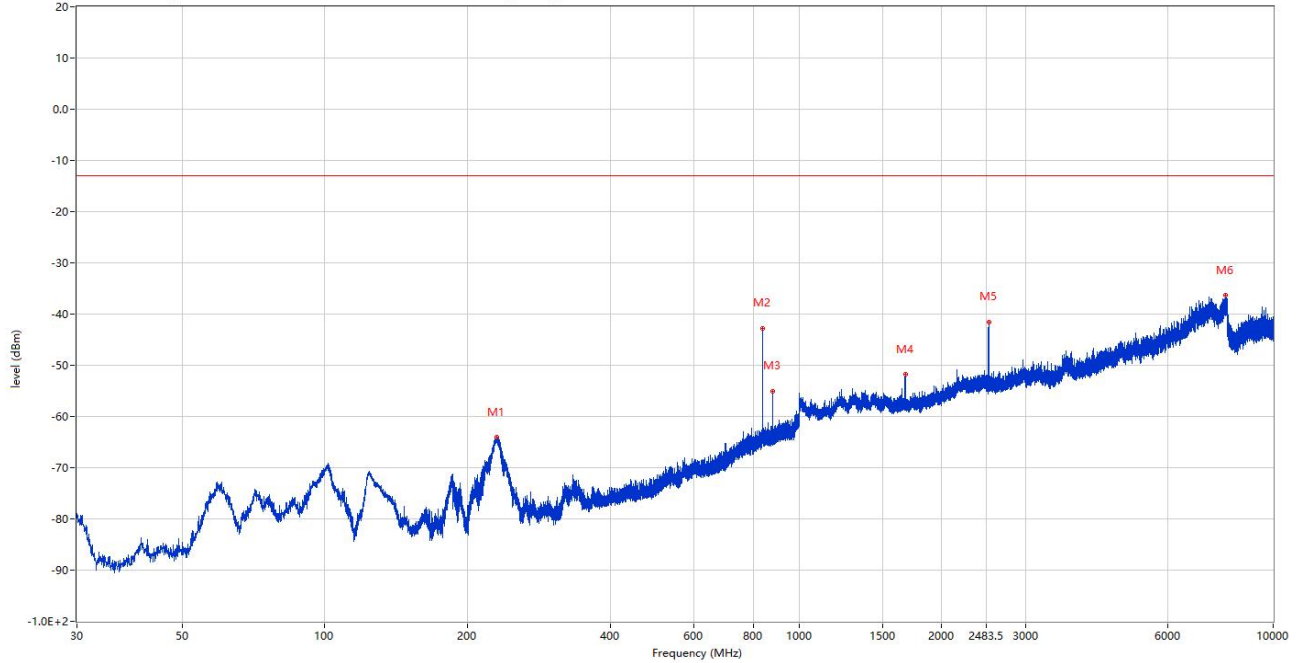


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
102.701	-62.35	-17.37	-13.0	49.35	162.00	Vertical	Vertical	Pass
836.652	-53.24	5.71	-13.0	40.24	276.00	Vertical	Vertical	N/A
881.563	-47.53	5.76	-13.0	34.53	237.00	Vertical	Vertical	N/A
1674.100	-50.09	-3.70	-13.0	37.09	158.00	Vertical	Vertical	Pass
2511.000	-41.46	0.54	-13.0	28.46	350.00	Vertical	Vertical	Pass
7901.750	-36.37	19.20	-13.0	23.37	143.00	Vertical	Vertical	Pass

Band:EGPRS850,Channel:Mid

Range

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

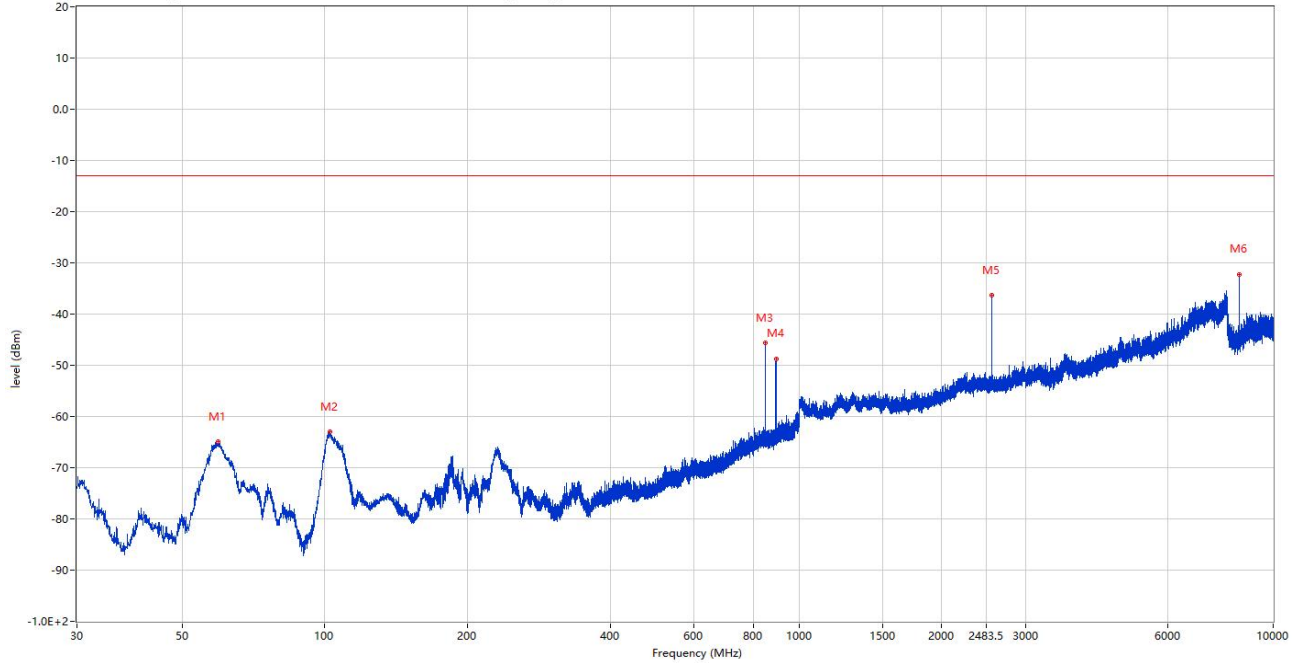


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
230.887	-64.06	-12.57	-13.0	51.06	94.00	Horizontal	Vertical	Pass
836.604	-42.73	5.71	-13.0	29.73	118.00	Horizontal	Vertical	N/A
881.660	-55.15	5.76	-13.0	42.15	241.00	Horizontal	Vertical	N/A
1674.300	-51.77	-3.71	-13.0	38.77	202.00	Horizontal	Vertical	Pass
2510.700	-41.54	0.53	-13.0	28.54	358.00	Horizontal	Vertical	Pass
7937.500	-36.28	19.29	-13.0	23.28	355.00	Horizontal	Vertical	Pass

Band:EGPRS850,Channel:High

Range

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

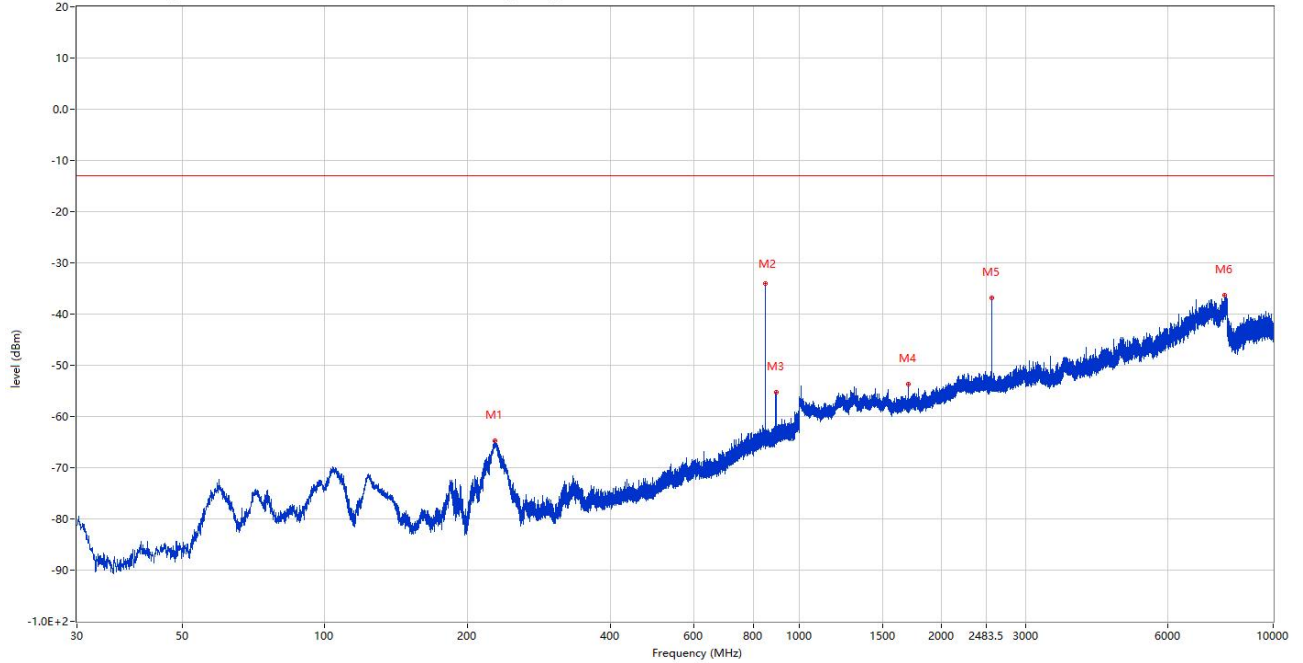


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
59.536	-64.97	-15.73	-13.0	51.97	95.00	Vertical	Vertical	Pass
102.507	-63.01	-17.38	-13.0	50.01	66.00	Vertical	Vertical	Pass
848.825	-45.69	5.80	-13.0	32.69	301.00	Vertical	Vertical	N/A
893.785	-48.72	6.36	-13.0	35.72	222.00	Vertical	Vertical	N/A
2547.200	-36.35	1.04	-13.0	23.35	84.00	Vertical	Vertical	Pass
8487.900	-32.22	13.57	-13.0	19.22	359.00	Vertical	Vertical	Pass

Band:EGPRS850,Channel:High

Range

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



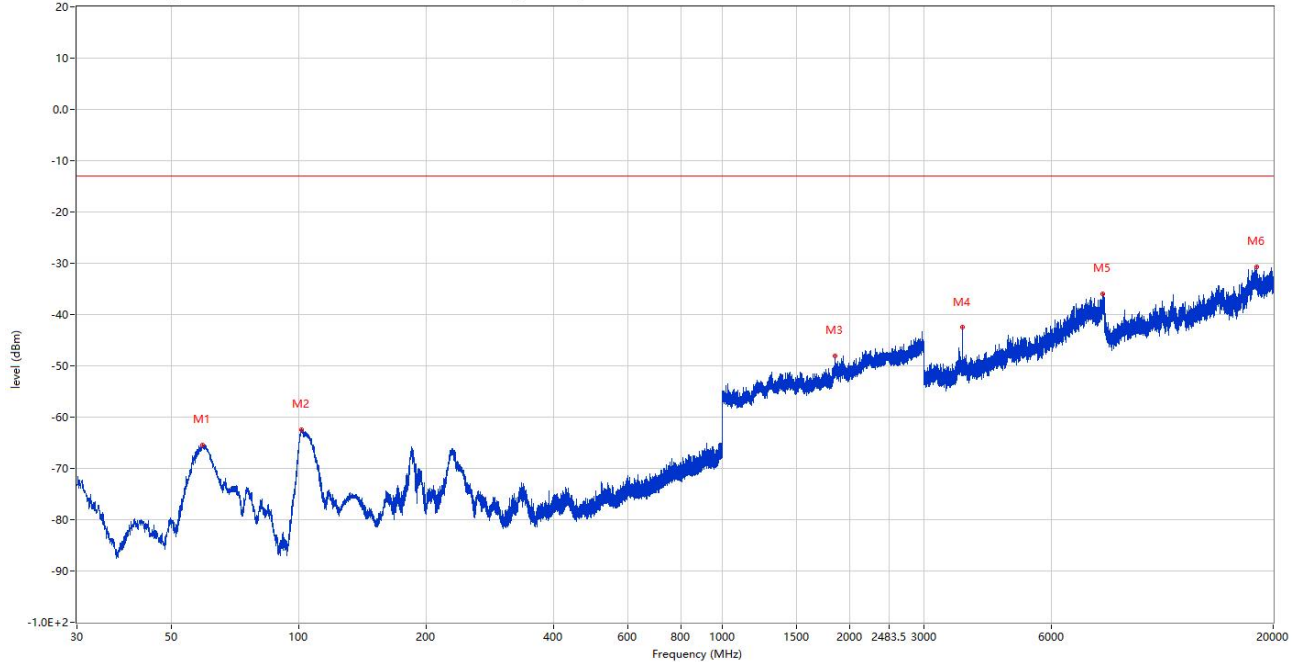
Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
228.268	-64.73	-12.85	-13.0	51.73	91.00	Horizontal	Vertical	Pass
848.874	-34.02	5.80	-13.0	21.02	360.00	Horizontal	Vertical	N/A
893.785	-55.21	6.36	-13.0	42.21	261.00	Horizontal	Vertical	N/A
1698.400	-53.72	-4.04	-13.0	40.72	7.00	Horizontal	Vertical	Pass
2547.100	-36.83	1.04	-13.0	23.83	218.00	Horizontal	Vertical	Pass
7899.250	-36.34	19.15	-13.0	23.34	111.00	Horizontal	Vertical	Pass

3.2 EGPRS 1900

Band:EGPRS1900,Channel:Low

Range

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

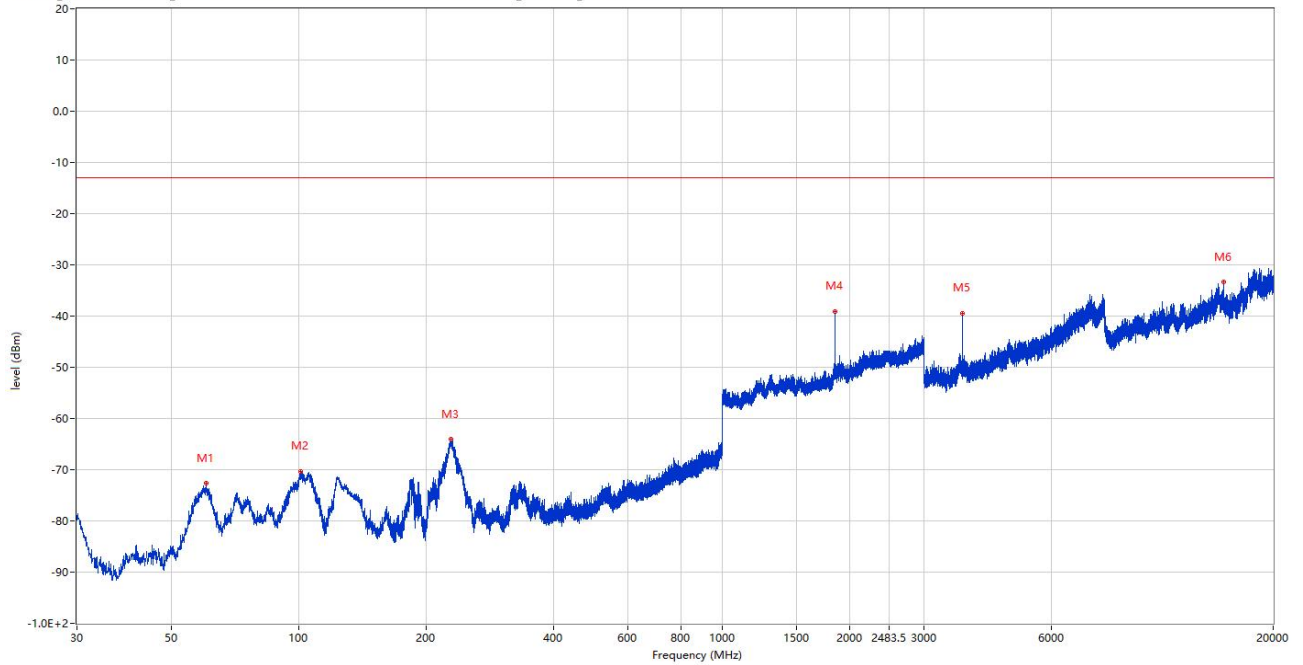


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
59.440	-65.38	-16.88	-13.0	52.38	101.00	Vertical	Vertical	Pass
101.634	-62.42	-18.84	-13.0	49.42	80.00	Vertical	Vertical	Pass
1851.300	-48.11	3.26	-13.0	35.11	200.00	Vertical	Vertical	N/A
3701.000	-42.46	7.99	-13.0	29.46	223.00	Vertical	Vertical	Pass
7906.750	-35.97	19.29	-13.0	22.97	89.00	Vertical	Vertical	Pass
18281.599	-30.62	25.27	-13.0	17.62	355.00	Vertical	Vertical	Pass

Band:EGPRS1900,Channel:Low

Range

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

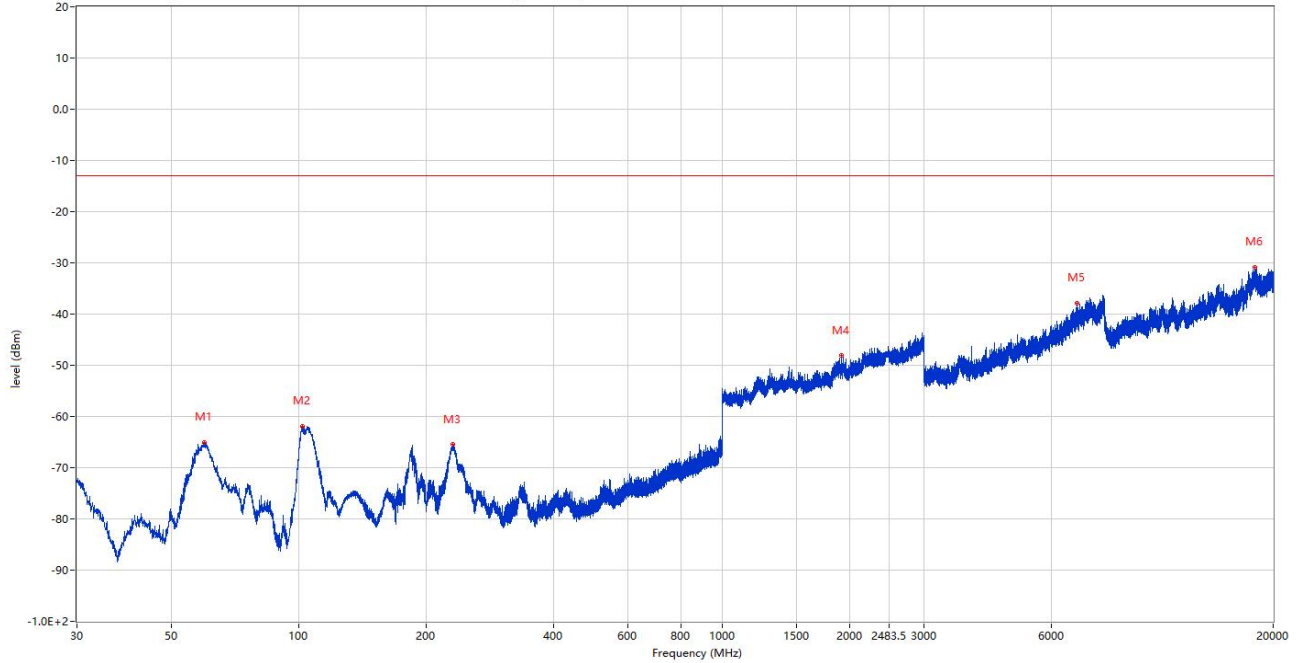


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
60.700	-72.67	-16.46	-13.0	59.67	183.00	Horizontal	Vertical	Pass
101.295	-70.43	-18.84	-13.0	57.43	169.00	Horizontal	Vertical	Pass
228.947	-64.07	-15.13	-13.0	51.07	87.00	Horizontal	Vertical	Pass
1851.100	-39.04	3.26	-13.0	26.04	218.00	Horizontal	Vertical	N/A
3701.250	-39.49	8.00	-13.0	26.49	225.00	Horizontal	Vertical	Pass
15257.600	-33.34	22.73	-13.0	20.34	4.00	Horizontal	Vertical	Pass

Band:EGPRS1900,Channel:Mid

Range

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

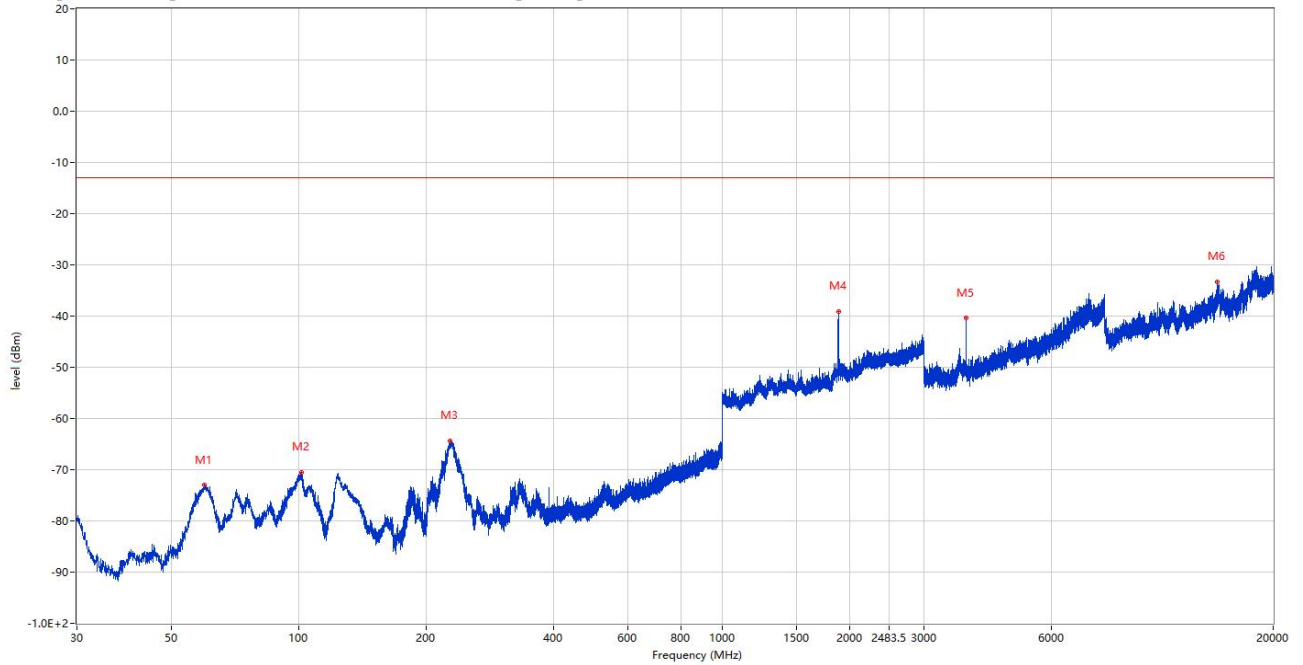


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
60.070	-65.05	-16.63	-13.0	52.05	104.00	Vertical	Vertical	Pass
102.119	-61.87	-18.83	-13.0	48.87	93.00	Vertical	Vertical	Pass
231.614	-65.52	-14.85	-13.0	52.52	360.00	Vertical	Vertical	Pass
1913.100	-48.16	3.52	-13.0	35.16	279.00	Vertical	Vertical	Pass
6882.750	-37.94	16.69	-13.0	24.94	143.00	Vertical	Vertical	Pass
18077.000	-30.84	25.19	-13.0	17.84	247.00	Vertical	Vertical	Pass

Band:EGPRS1900,Channel:Mid

Range

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

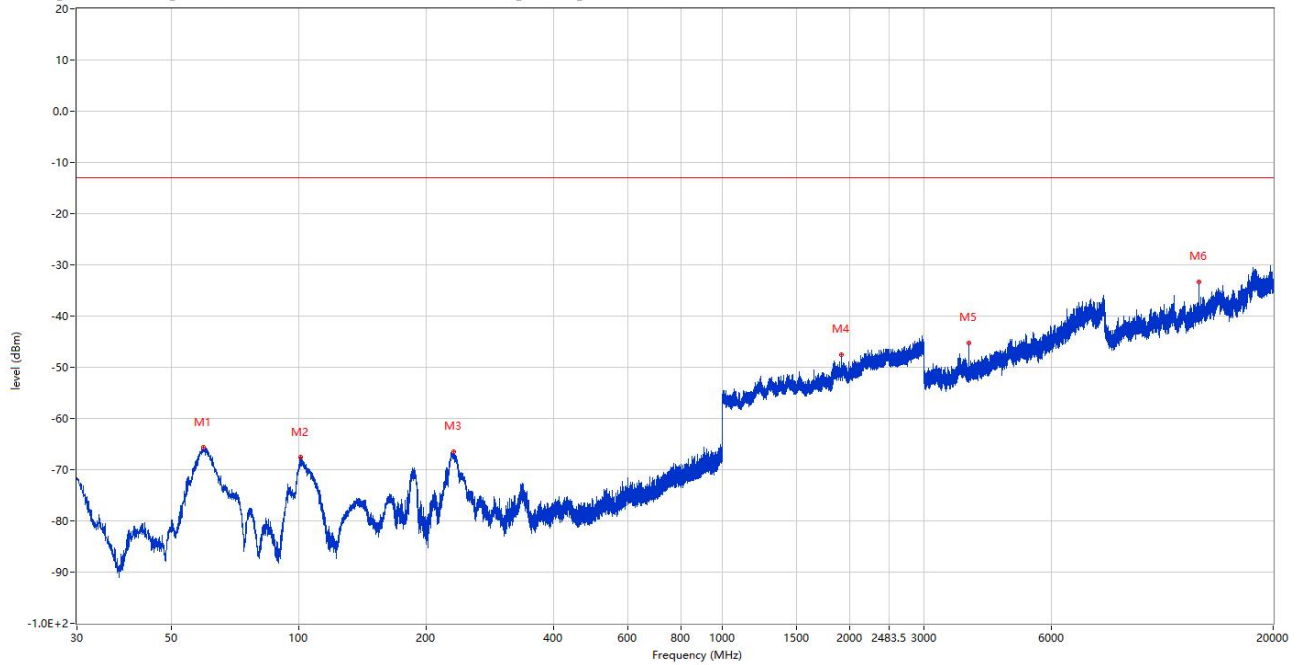


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
60.022	-73.05	-16.64	-13.0	60.05	166.00	Horizontal	Vertical	Pass
101.877	-70.48	-18.83	-13.0	57.48	147.00	Horizontal	Vertical	Pass
228.171	-64.31	-15.21	-13.0	51.31	101.00	Horizontal	Vertical	Pass
1880.900	-39.06	3.42	-13.0	26.06	142.00	Horizontal	Vertical	N/A
3760.750	-40.37	8.75	-13.0	27.37	360.00	Horizontal	Vertical	Pass
14761.400	-33.32	23.36	-13.0	20.32	166.00	Horizontal	Vertical	Pass

Band:EGPRS1900,Channel:High

Range

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

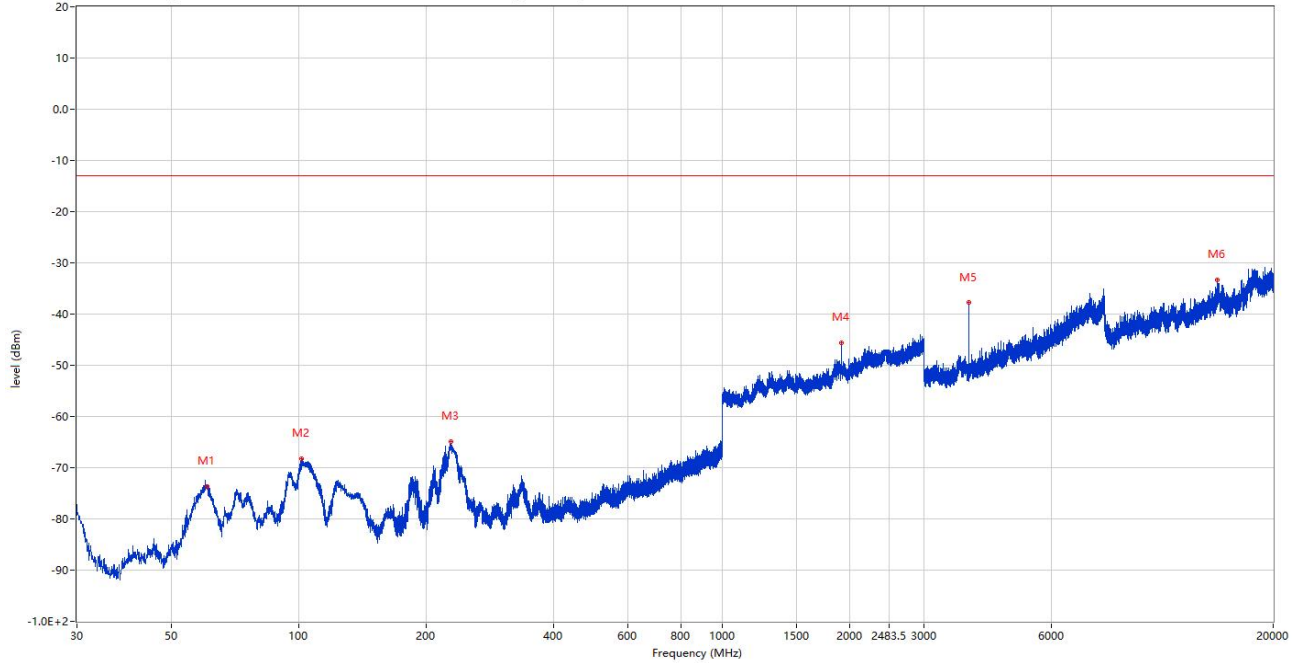


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
59.682	-65.63	-16.78	-13.0	52.63	334.00	Vertical	Vertical	Pass
101.198	-67.60	-18.84	-13.0	54.60	360.00	Vertical	Vertical	Pass
232.051	-66.46	-14.80	-13.0	53.46	355.00	Vertical	Vertical	Pass
1912.400	-47.55	3.52	-13.0	34.55	209.00	Vertical	Vertical	N/A
3820.000	-45.55	7.18	-13.0	32.55	333.00	Vertical	Vertical	Pass
13368.800	-33.38	20.21	-13.0	20.38	148.00	Vertical	Vertical	Pass

Band:EGPRS1900,Channel:High

Range

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



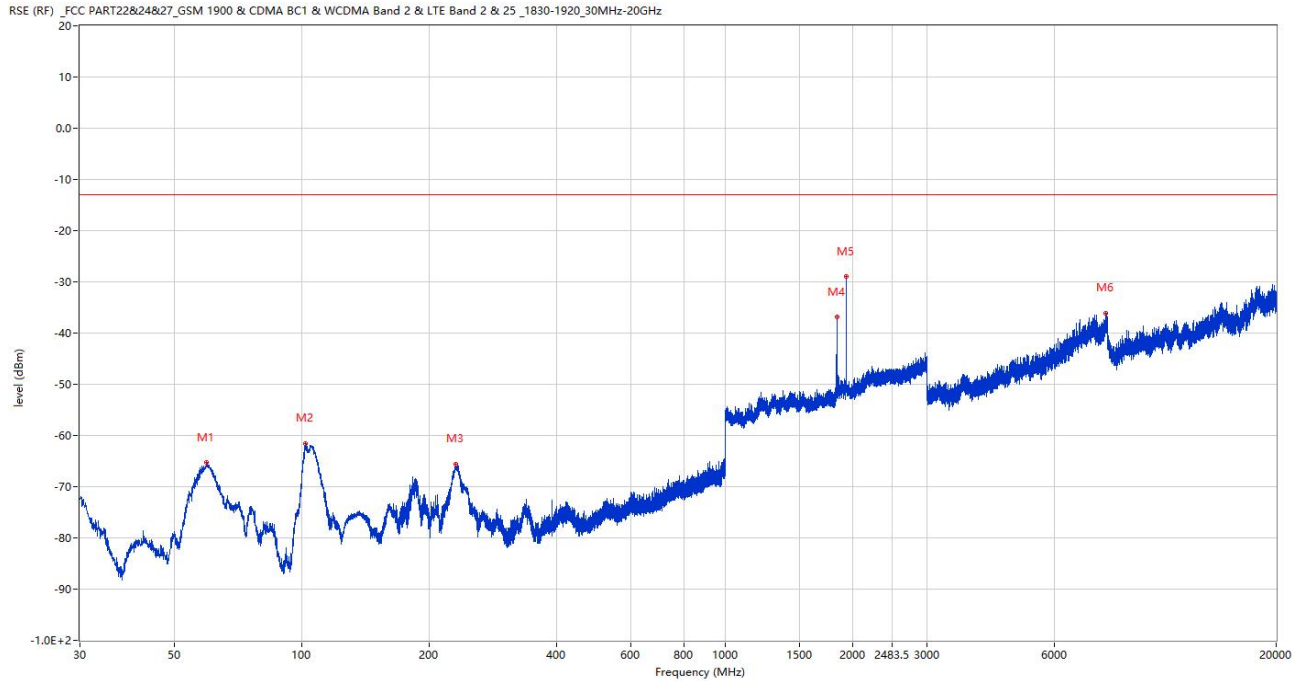
Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
60.943	-74.01	-16.39	-13.0	61.01	342.00	Horizontal	Vertical	Pass
101.780	-68.17	-18.83	-13.0	55.17	360.00	Horizontal	Vertical	Pass
229.238	-64.94	-15.10	-13.0	51.94	97.00	Horizontal	Vertical	Pass
1910.500	-45.67	3.52	-13.0	32.67	5.00	Horizontal	Vertical	N/A
3820.000	-37.80	7.18	-13.0	24.80	147.00	Horizontal	Vertical	Pass
14724.200	-33.36	23.55	-13.0	20.36	271.00	Horizontal	Vertical	Pass

4. WCDMA

4.1 WCDMA Band 2

Band:WCDMA B2,Channel:Low

Range

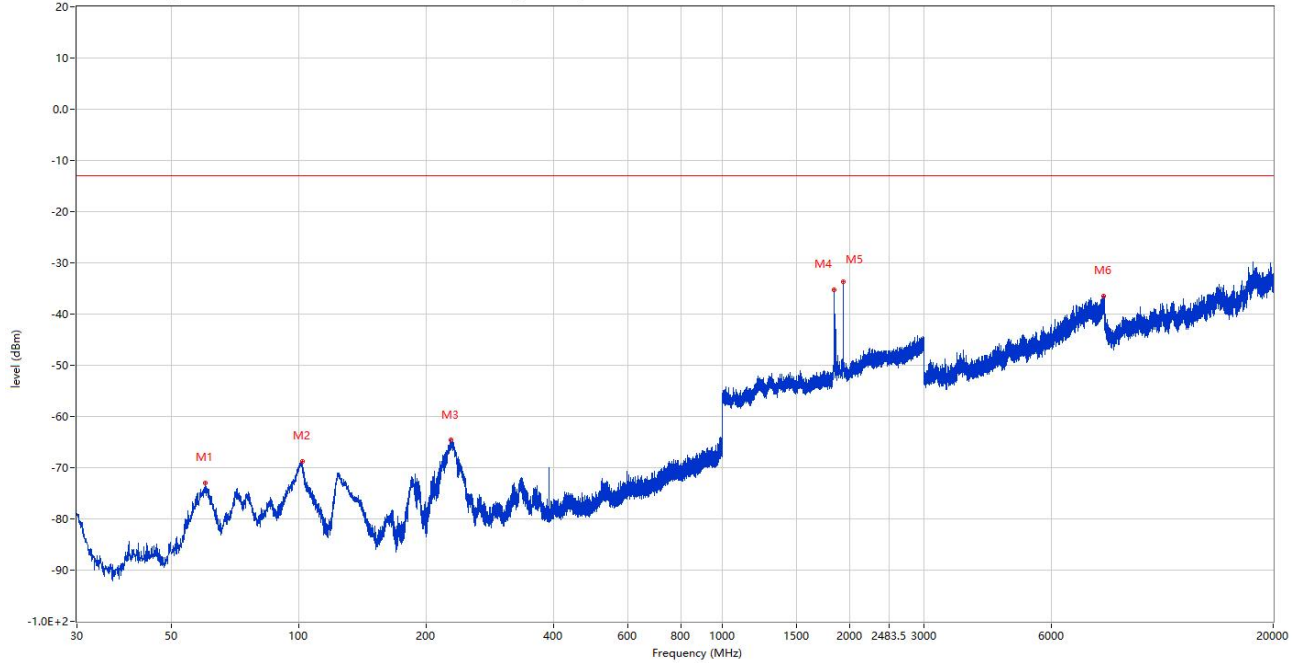


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
59.633	-65.28	-16.80	-13.0	52.28	147.00	Vertical	Vertical	Pass
102.265	-61.54	-18.82	-13.0	48.54	143.00	Vertical	Vertical	Pass
231.663	-65.56	-14.84	-13.0	52.56	360.00	Vertical	Vertical	Pass
1834.500	-36.88	2.47	-13.0	23.88	81.00	Vertical	Vertical	N/A
1933.200	-28.98	3.32	-13.0	15.98	89.00	Vertical	Vertical	N/A
7902.500	-36.12	19.21	-13.0	23.12	256.00	Vertical	Vertical	Pass

Band:WCDMA B2,Channel:Low

Range

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

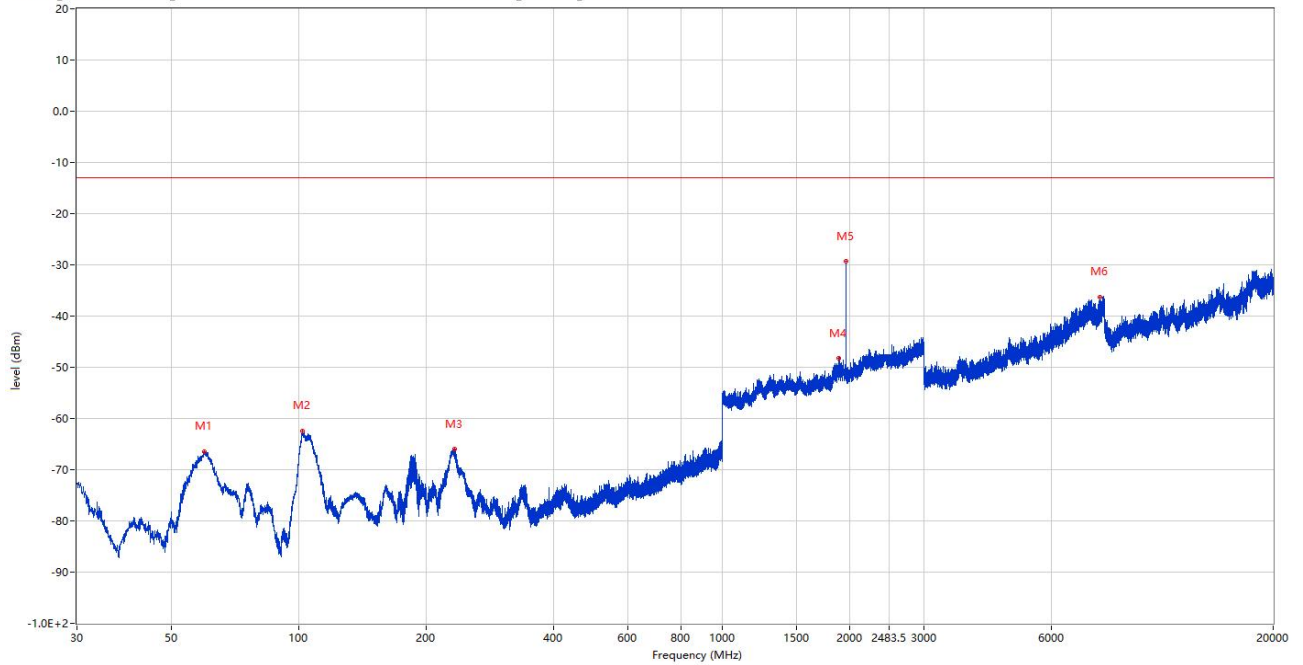


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
60.215	-72.92	-16.59	-13.0	59.92	210.00	Horizontal	Vertical	Pass
101.974	-68.75	-18.83	-13.0	55.75	170.00	Horizontal	Vertical	Pass
229.432	-64.57	-15.08	-13.0	51.57	79.00	Horizontal	Vertical	Pass
1839.900	-35.32	3.40	-13.0	22.32	191.00	Horizontal	Vertical	N/A
1933.400	-33.73	3.31	-13.0	20.73	123.00	Horizontal	Vertical	N/A
7938.750	-36.42	19.32	-13.0	23.42	249.00	Horizontal	Vertical	Pass

Band:WCDMA B2,Channel:Mid

Range

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

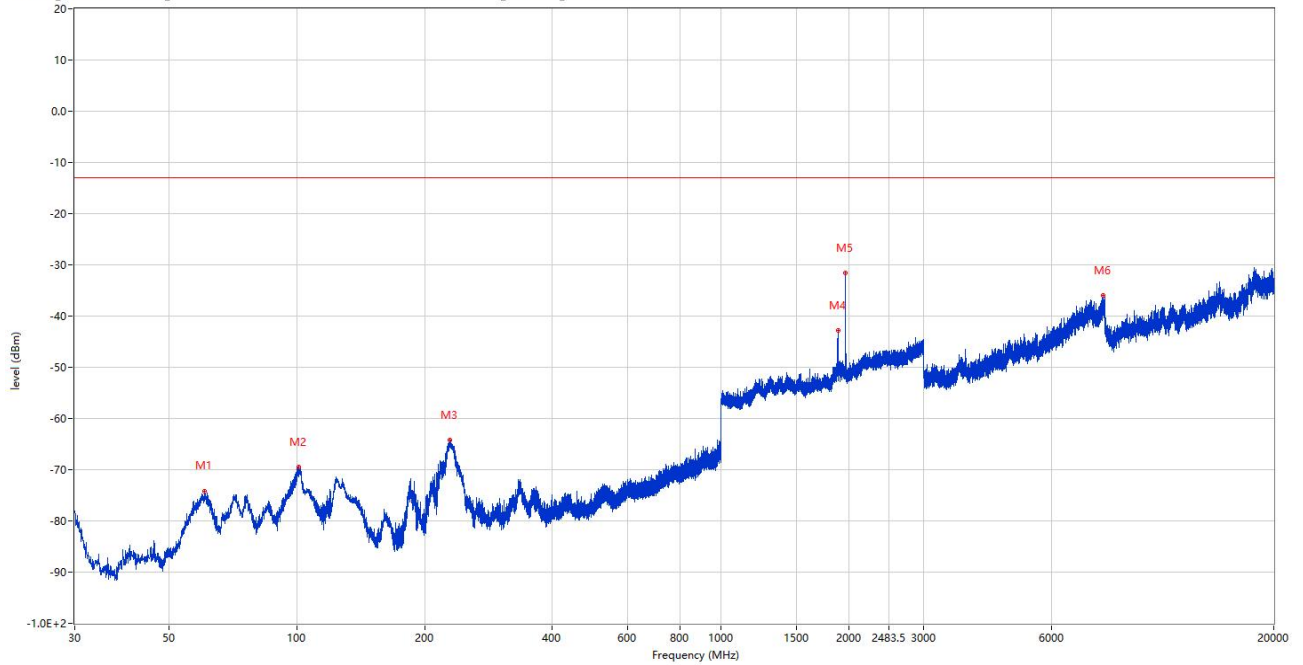


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
60.022	-66.42	-16.64	-13.0	53.42	139.00	Vertical	Vertical	Pass
102.216	-62.53	-18.82	-13.0	49.53	95.00	Vertical	Vertical	Pass
233.215	-66.04	-14.67	-13.0	53.04	352.00	Vertical	Vertical	Pass
1881.800	-48.28	3.42	-13.0	35.28	279.00	Vertical	Vertical	N/A
1960.100	-29.30	2.91	-13.0	16.30	82.00	Vertical	Vertical	N/A
7783.000	-36.31	18.61	-13.0	23.31	80.00	Vertical	Vertical	Pass

Band:WCDMA B2,Channel:Mid

Range

RSE (RF) _FCC PART228&248&27_GSM 1900 & CDMA BC1 & WCDMA Band 2 & LTE Band 2 & 25 _1830-1920_30MHz-20GHz

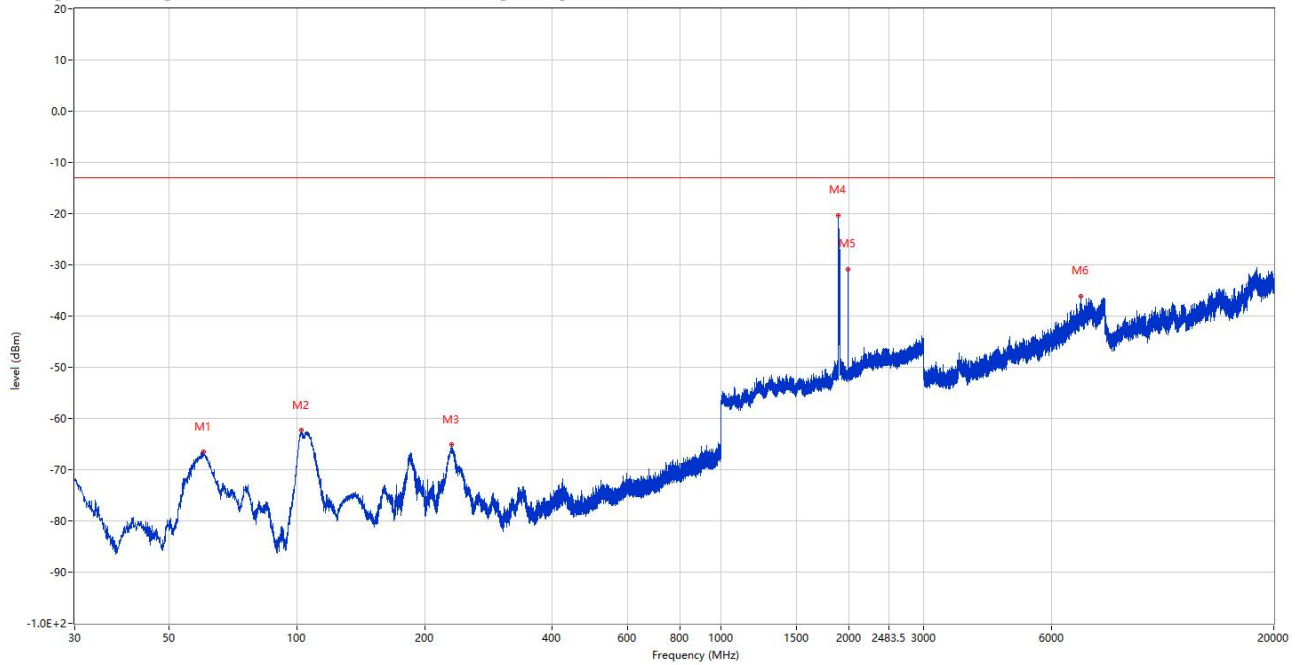


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
60.652	-74.20	-16.47	-13.0	61.20	172.00	Horizontal	Vertical	Pass
101.052	-69.54	-18.85	-13.0	56.54	0.00	Horizontal	Vertical	Pass
229.626	-64.28	-15.06	-13.0	51.28	96.00	Horizontal	Vertical	Pass
1881.600	-42.75	3.42	-13.0	29.75	223.00	Horizontal	Vertical	N/A
1959.900	-31.66	2.92	-13.0	18.66	112.00	Horizontal	Vertical	N/A
7933.250	-35.97	19.19	-13.0	22.97	5.00	Horizontal	Vertical	Pass

Band:WCDMA B2,Channel:High

Range

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

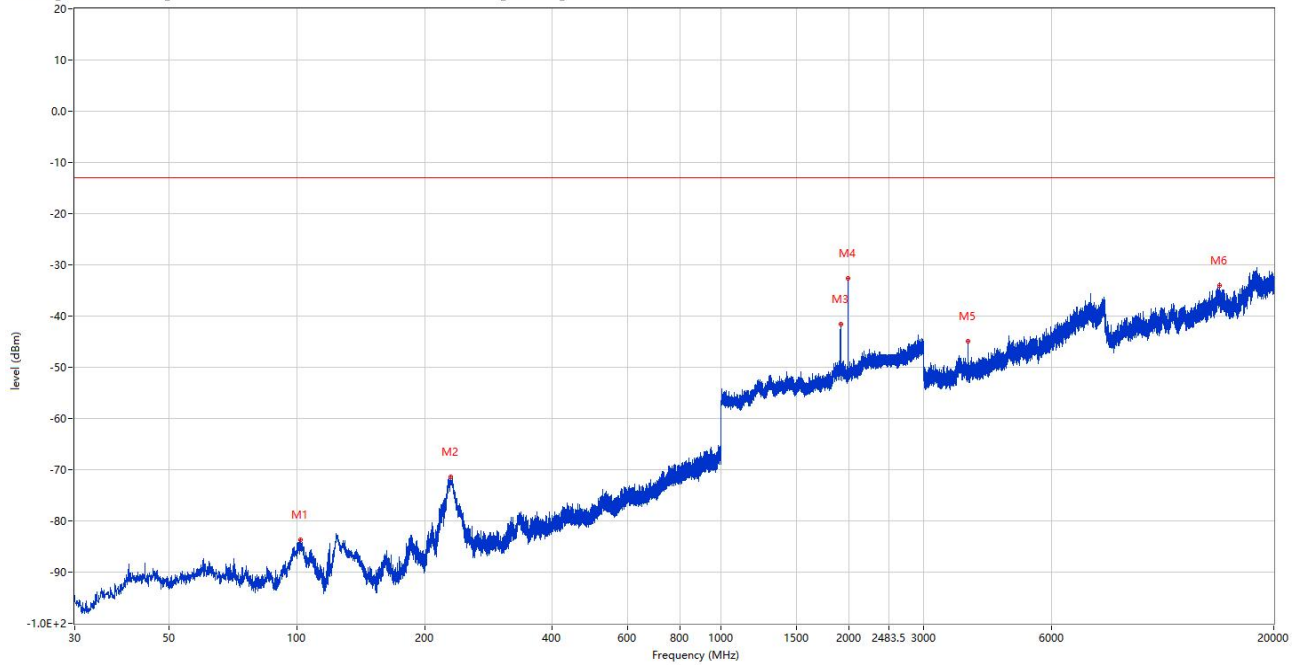


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
60.361	-66.50	-16.55	-13.0	53.50	152.00	Vertical	Vertical	Pass
102.750	-62.37	-18.82	-13.0	49.37	141.00	Vertical	Vertical	Pass
231.663	-65.17	-14.84	-13.0	52.17	355.00	Vertical	Vertical	Pass
1887.100	-20.27	3.44	-13.0	7.27	210.00	Vertical	Vertical	N/A
1987.200	-30.93	2.18	-13.0	17.93	276.00	Vertical	Vertical	N/A
7019.250	-36.10	16.53	-13.0	23.10	71.00	Vertical	Vertical	Pass

Band:WCDMA B2,Channel:High

Range

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

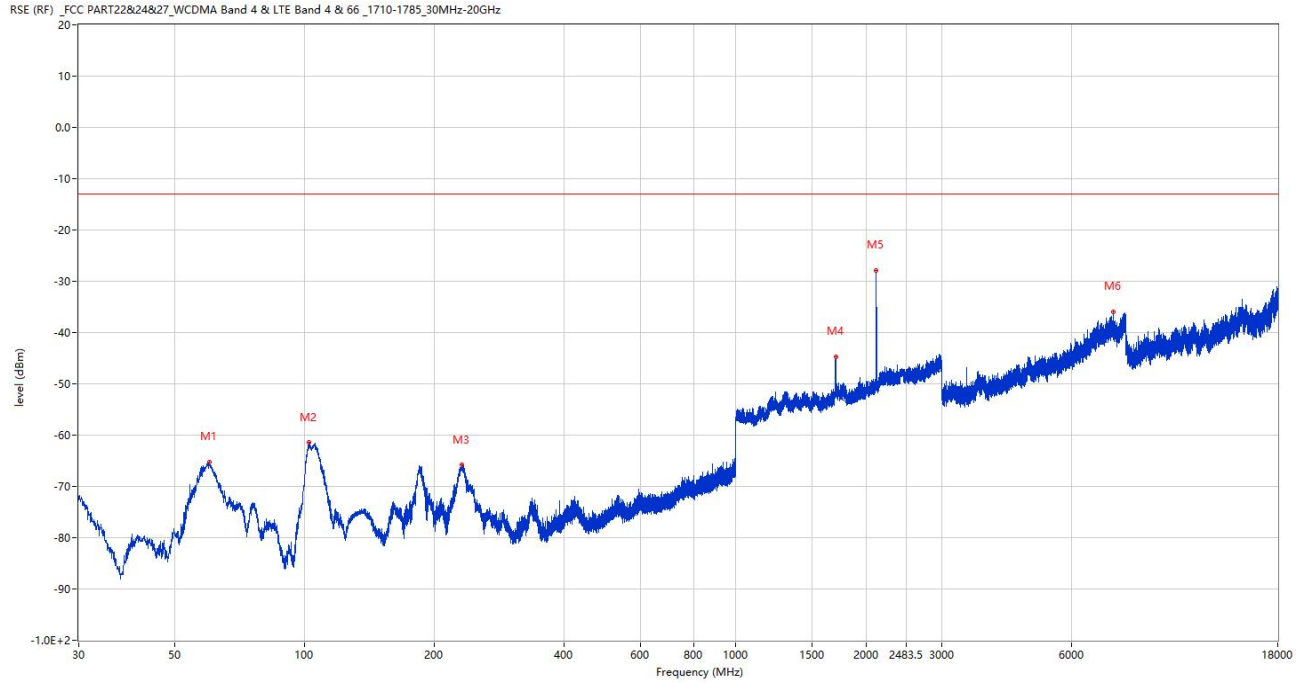


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
101.877	-83.75	-18.83	-13.0	70.75	307.00	Horizontal	Vertical	Pass
230.644	-71.45	-14.95	-13.0	58.45	94.00	Horizontal	Vertical	Pass
1908.700	-41.49	3.52	-13.0	28.49	151.00	Horizontal	Vertical	N/A
1989.700	-32.70	2.25	-13.0	19.70	110.00	Horizontal	Vertical	N/A
3813.750	-44.91	7.44	-13.0	31.91	241.00	Horizontal	Vertical	Pass
14916.799	-34.07	23.93	-13.0	21.07	232.00	Horizontal	Vertical	Pass

4.2 WCDMA Band 4

Band:WCDMA B4,Channel:Low

Range

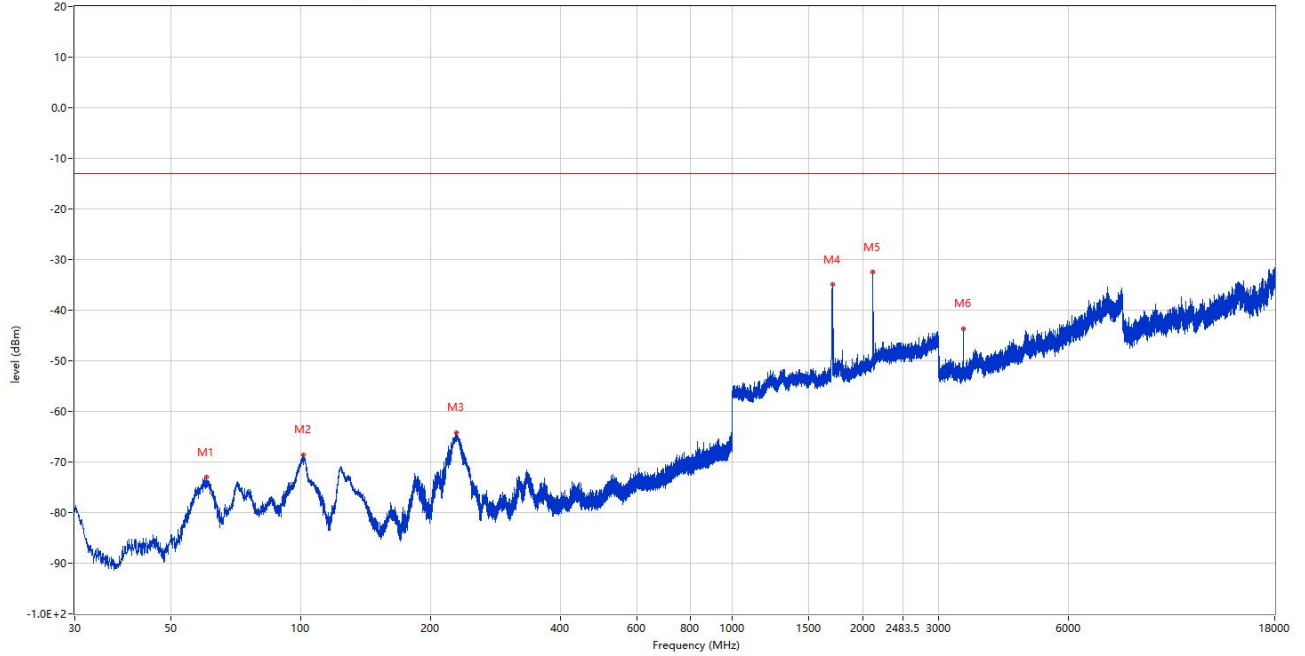


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
60.167	-65.23	-16.60	-13.0	52.23	120.00	Vertical	Vertical	Pass
102.313	-61.45	-18.82	-13.0	48.45	124.00	Vertical	Vertical	Pass
231.420	-65.80	-14.87	-13.0	52.80	360.00	Vertical	Vertical	Pass
1701.900	-44.72	2.51	-13.0	31.72	57.00	Vertical	Vertical	N/A
2112.500	-27.87	3.97	-13.0	14.87	259.00	Vertical	Vertical	N/A

Band:WCDMA B4,Channel:Low

Range

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

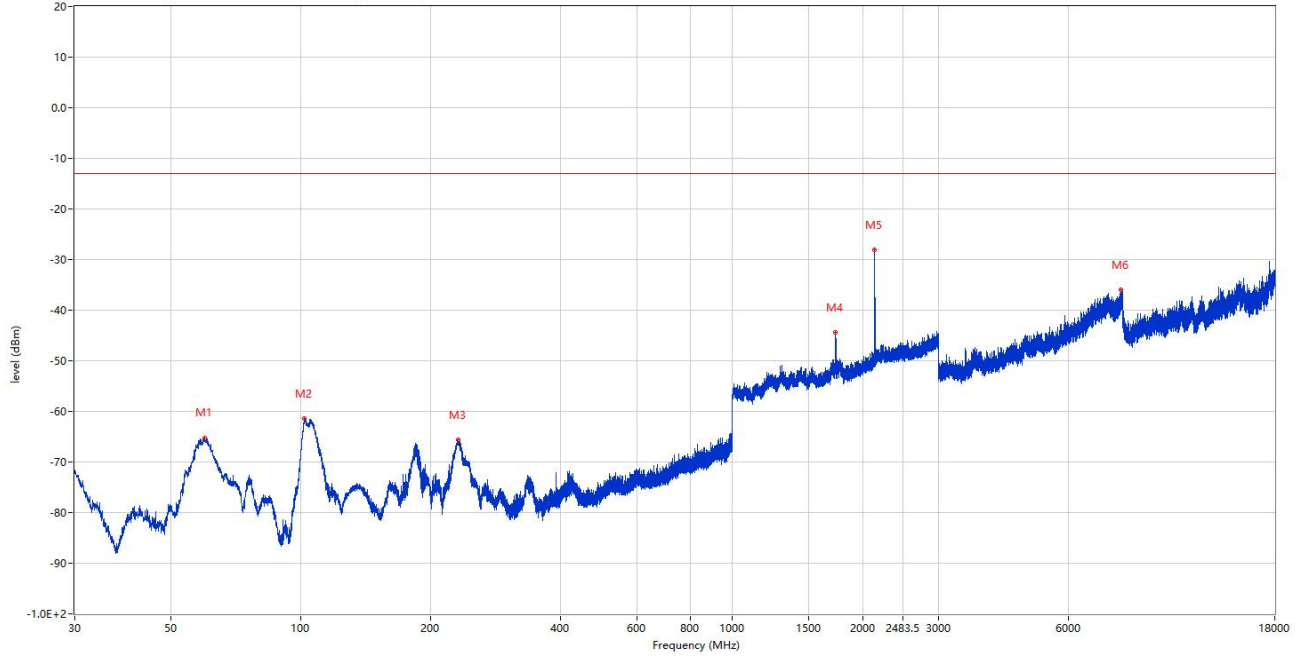


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
60.507	-73.06	-16.51	-13.0	60.06	179.00	Horizontal	Vertical	Pass
101.343	-68.58	-18.84	-13.0	55.58	330.00	Horizontal	Vertical	Pass
229.238	-64.20	-15.10	-13.0	51.20	89.00	Horizontal	Vertical	Pass
1701.500	-34.99	2.52	-13.0	21.99	181.00	Horizontal	Vertical	N/A
2114.200	-32.46	3.98	-13.0	19.46	0.00	Horizontal	Vertical	N/A
3428.000	-43.68	5.30	-13.0	30.68	196.00	Horizontal	Vertical	Pass

Band:WCDMA B4,Channel:Mid

Range

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

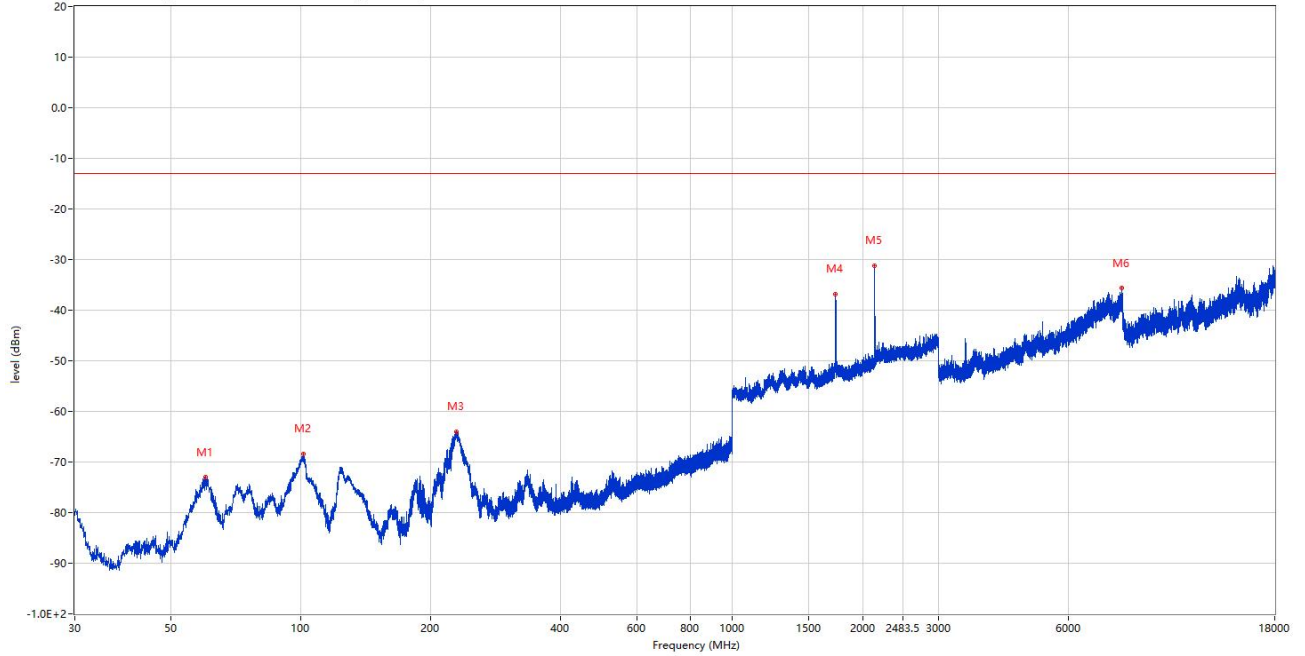


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
59.973	-65.26	-16.66	-13.0	52.26	154.00	Vertical	Vertical	Pass
102.168	-61.41	-18.83	-13.0	48.41	135.00	Vertical	Vertical	Pass
231.518	-65.66	-14.86	-13.0	52.66	9.00	Vertical	Vertical	Pass
1732.200	-44.47	2.79	-13.0	31.47	257.00	Vertical	Vertical	N/A
2132.500	-28.09	3.99	-13.0	15.09	301.00	Vertical	Vertical	N/A
7912.000	-35.88	19.33	-13.0	22.88	309.00	Vertical	Vertical	Pass

Band:WCDMA B4,Channel:Mid

Range

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

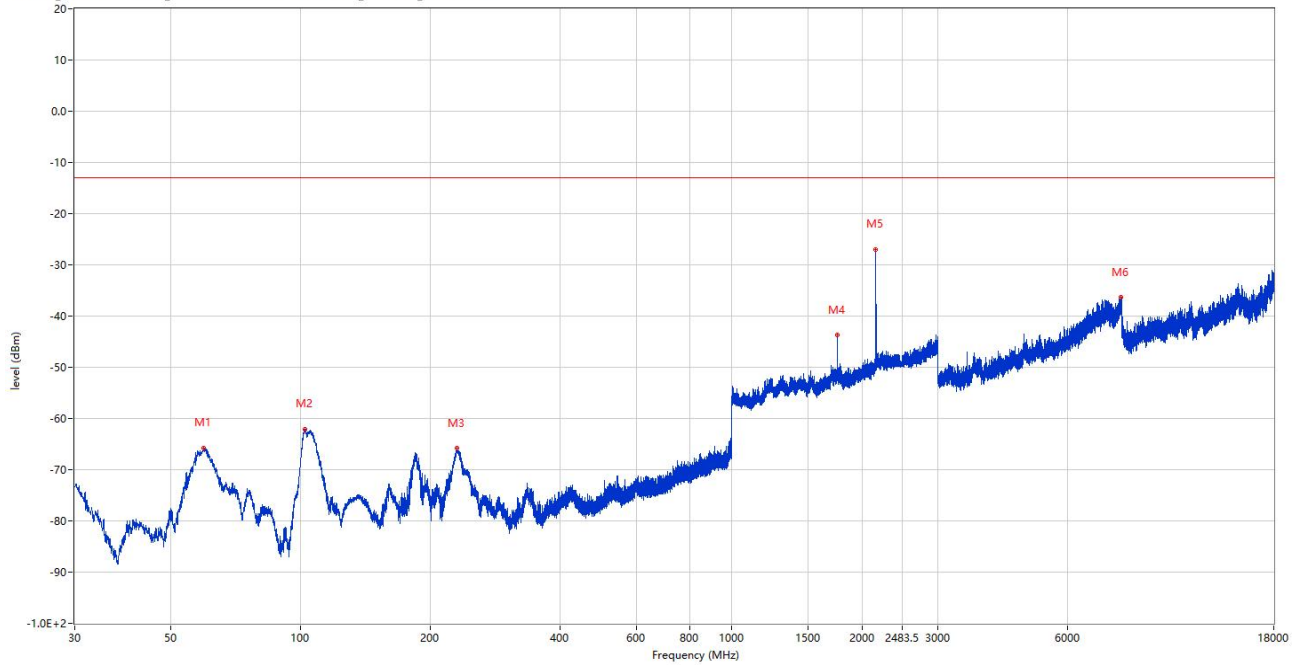


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
60.118	-73.04	-16.62	-13.0	60.04	189.00	Horizontal	Vertical	Pass
101.246	-68.35	-18.84	-13.0	55.35	0.00	Horizontal	Vertical	Pass
229.868	-63.98	-15.03	-13.0	50.98	90.00	Horizontal	Vertical	Pass
1732.200	-36.84	2.79	-13.0	23.84	177.00	Horizontal	Vertical	N/A
2133.300	-31.18	4.03	-13.0	18.18	8.00	Horizontal	Vertical	N/A
7949.500	-35.57	19.71	-13.0	22.57	307.00	Horizontal	Vertical	Pass

Band:WCDMA B4,Channel:High

Range

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

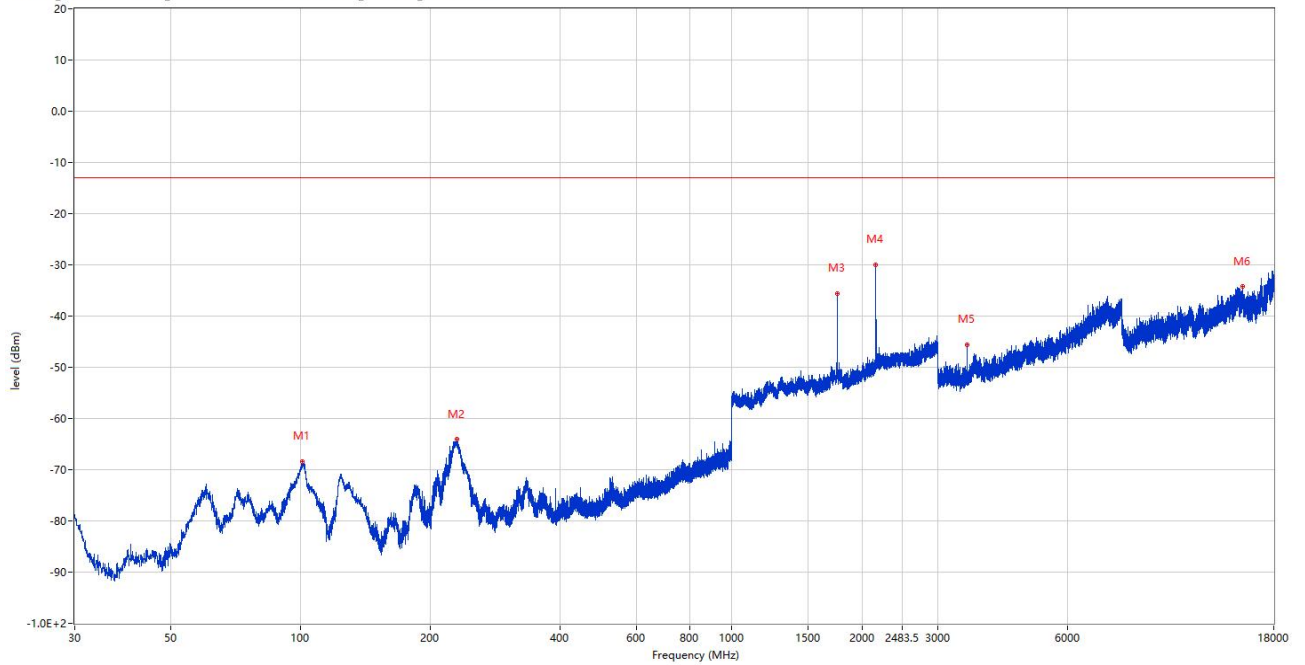


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
59.633	-65.72	-16.80	-13.0	52.72	193.00	Vertical	Vertical	Pass
102.313	-62.07	-18.82	-13.0	49.07	136.00	Vertical	Vertical	Pass
230.644	-65.80	-14.95	-13.0	52.80	360.00	Vertical	Vertical	Pass
1752.700	-43.69	2.64	-13.0	30.69	263.00	Vertical	Vertical	N/A
2154.400	-26.98	4.74	-13.0	13.98	297.00	Vertical	Vertical	N/A
7960.000	-36.32	19.78	-13.0	23.32	284.00	Vertical	Vertical	Pass

Band:WCDMA B4,Channel:High

Range

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



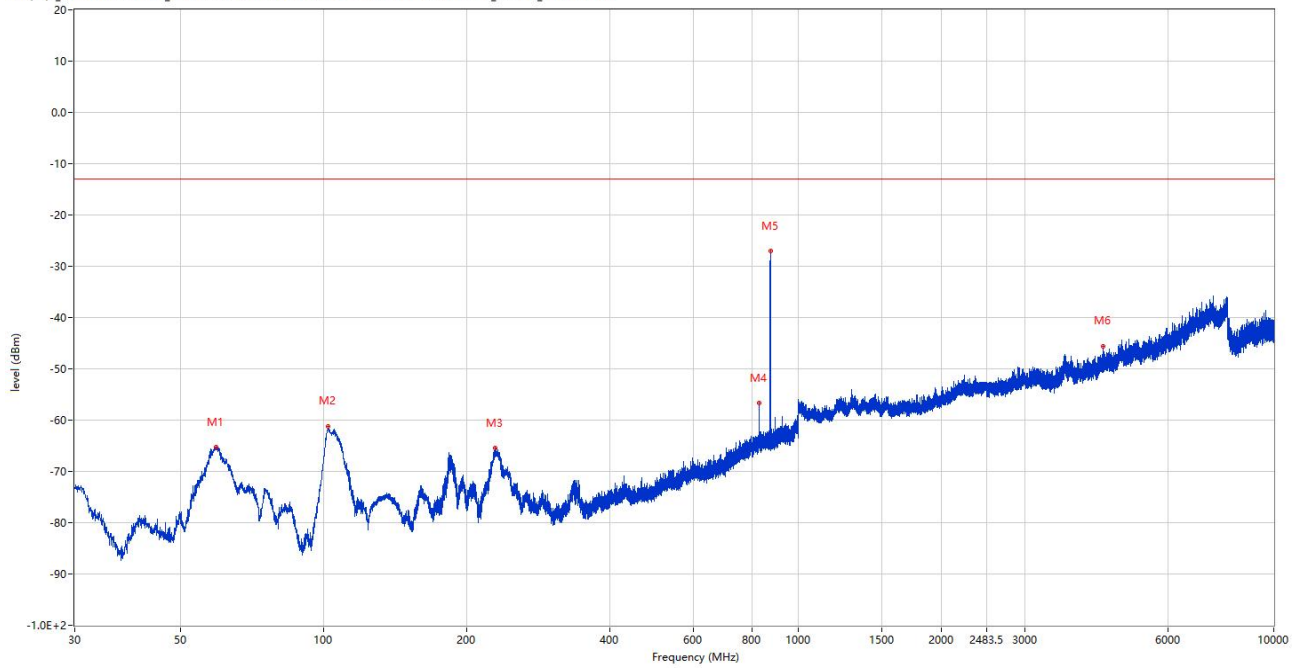
Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
101.004	-68.37	-18.85	-13.0	55.37	0.00	Horizontal	Vertical	Pass
230.208	-64.08	-15.00	-13.0	51.08	100.00	Horizontal	Vertical	Pass
1752.600	-37.69	2.64	-13.0	24.69	54.00	Horizontal	Vertical	N/A
2154.300	-29.98	4.74	-13.0	16.98	0.00	Horizontal	Vertical	N/A
3503.750	-45.60	5.48	-13.0	32.60	118.00	Horizontal	Vertical	Pass
15248.213	-34.27	22.80	-13.0	21.27	231.00	Horizontal	Vertical	Pass

4.3 WCDMA Band 5

Band:WCDMA B5,Channel:Low

Range

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
59.391	-65.31	-15.80	-13.0	52.31	165.00	Vertical	Vertical	Pass
102.556	-61.19	-17.38	-13.0	48.19	137.00	Vertical	Vertical	Pass
229.723	-65.50	-12.70	-13.0	52.50	360.00	Vertical	Vertical	Pass
827.873	-56.75	5.48	-13.0	43.75	48.00	Vertical	Vertical	N/A
872.300	-27.10	5.51	-13.0	14.10	208.00	Vertical	Vertical	N/A
4375.250	-45.56	9.03	-13.0	32.56	8.00	Vertical	Vertical	Pass