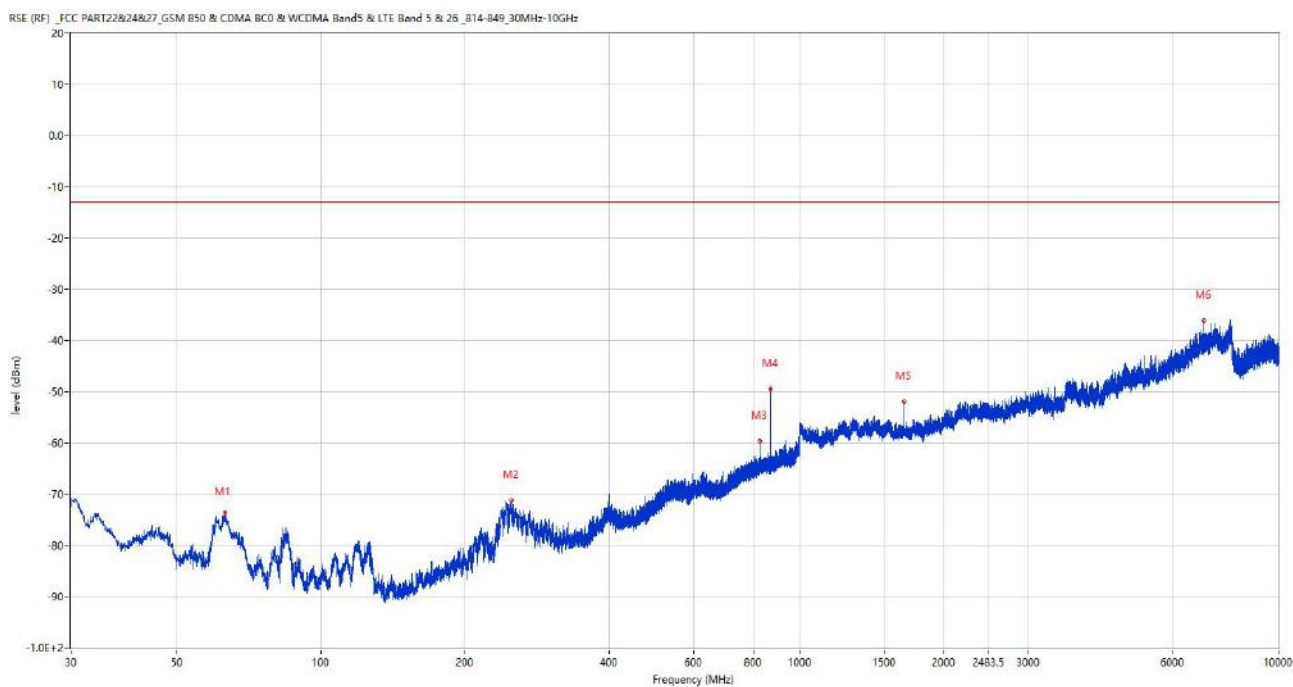

A.7 Field Strength of Spurious Radiation

1. GSM

1.1 GSM 850

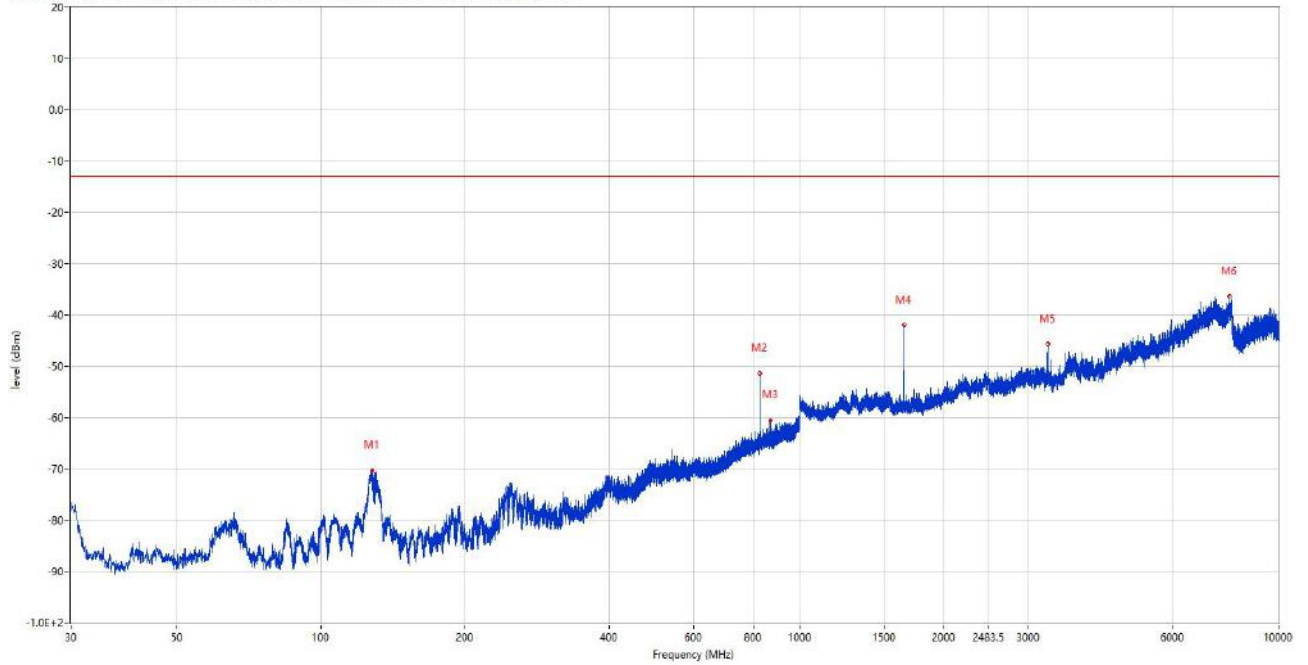
Band:GSM850,Channel:Low
range



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
62.931	-73.75	-15.39	-13.0	60.75	85.00	Vertical	Horizontal	Pass
249.365	-71.15	-11.73	-13.0	58.15	227.00	Vertical	Horizontal	Pass
824.188	-59.65	5.38	-13.0	46.65	57.00	Vertical	Horizontal	N/A
869.147	-49.39	5.40	-13.0	36.39	199.00	Vertical	Horizontal	N/A
1649.500	-51.91	-3.60	-13.0	38.91	218.00	Vertical	Horizontal	Pass
6994.000	-36.23	16.50	-13.0	23.23	221.00	Vertical	Horizontal	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

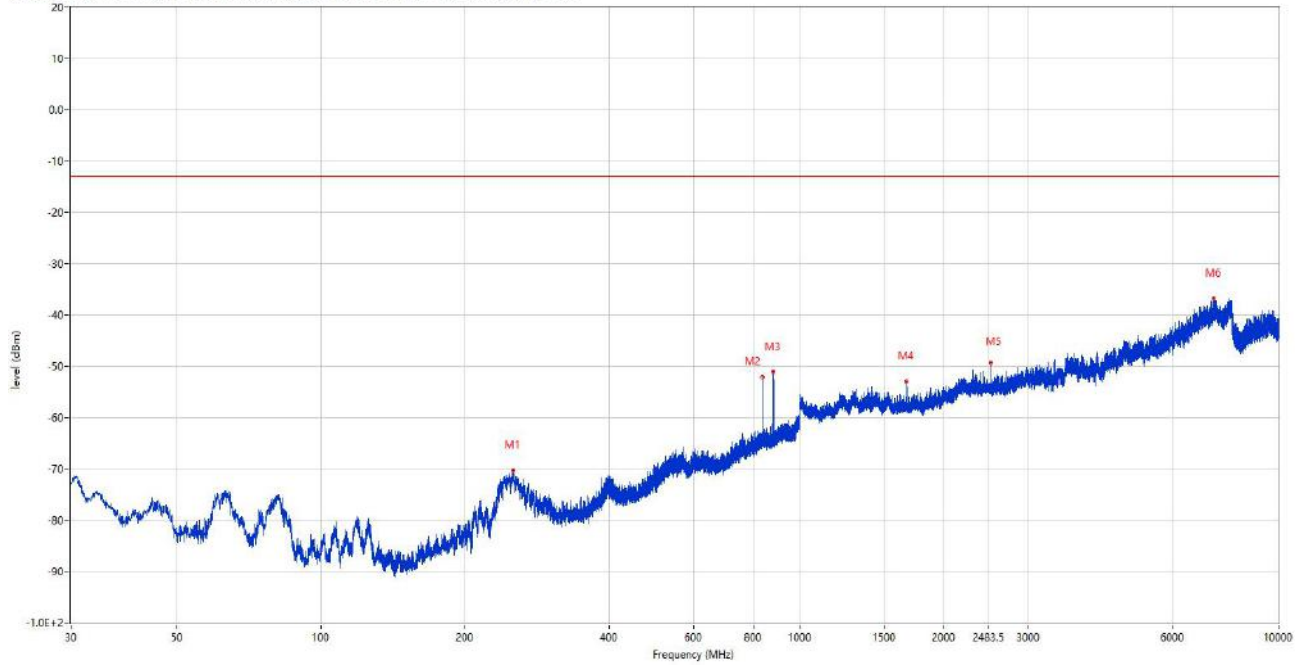


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
127.776	-70.41	-20.15	-13.0	57.41	360.00	Horizontal	Horizontal	Pass
824.284	-51.37	5.38	-13.0	38.37	255.00	Horizontal	Horizontal	N/A
869.292	-60.53	5.40	-13.0	47.53	74.00	Horizontal	Horizontal	N/A
1649.100	-42.00	-3.61	-13.0	29.00	76.00	Horizontal	Horizontal	Pass
3298.000	-45.61	5.03	-13.0	32.61	46.00	Horizontal	Horizontal	Pass
7899.500	-36.40	19.15	-13.0	23.40	114.00	Horizontal	Horizontal	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

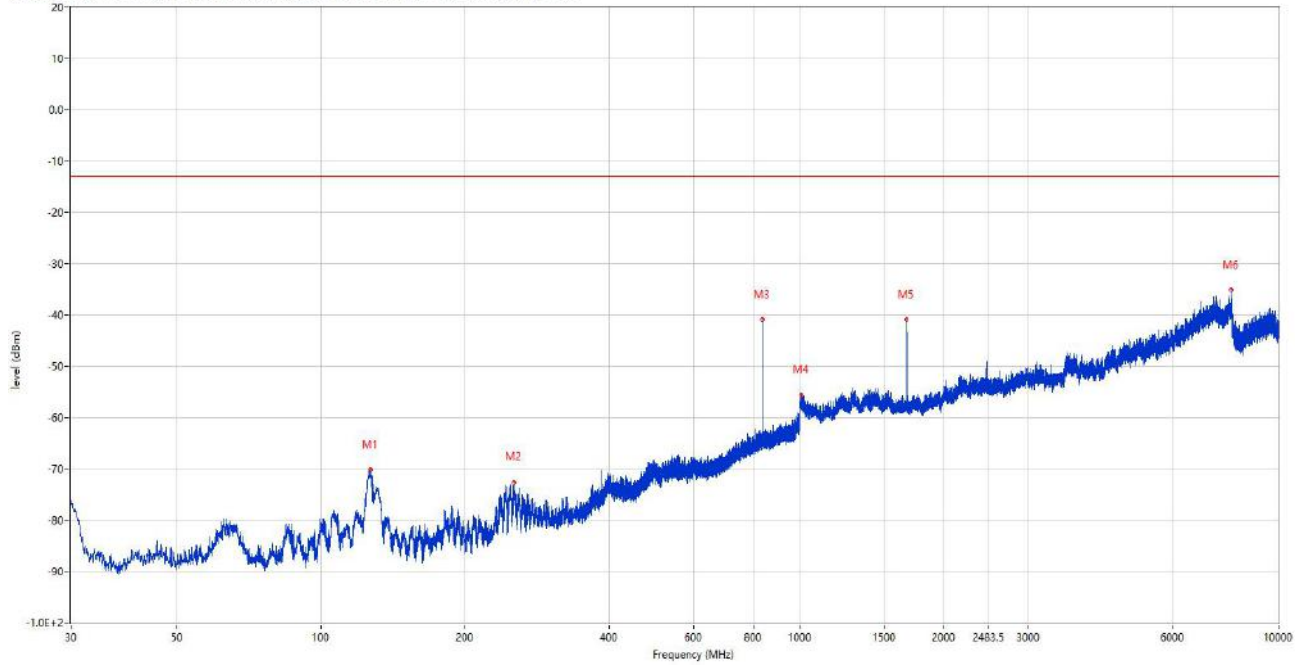


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
251.984	-70.39	-11.63	-13.0	57.39	333.00	Vertical	Horizontal	Pass
836.555	-52.12	5.71	-13.0	39.12	88.00	Vertical	Horizontal	N/A
881.612	-51.11	5.76	-13.0	38.11	223.00	Vertical	Horizontal	N/A
1674.200	-53.02	-3.70	-13.0	40.02	15.00	Vertical	Horizontal	Pass
2510.800	-49.25	0.53	-13.0	36.25	49.00	Vertical	Horizontal	Pass
7337.000	-36.79	17.65	-13.0	23.79	39.00	Vertical	Horizontal	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

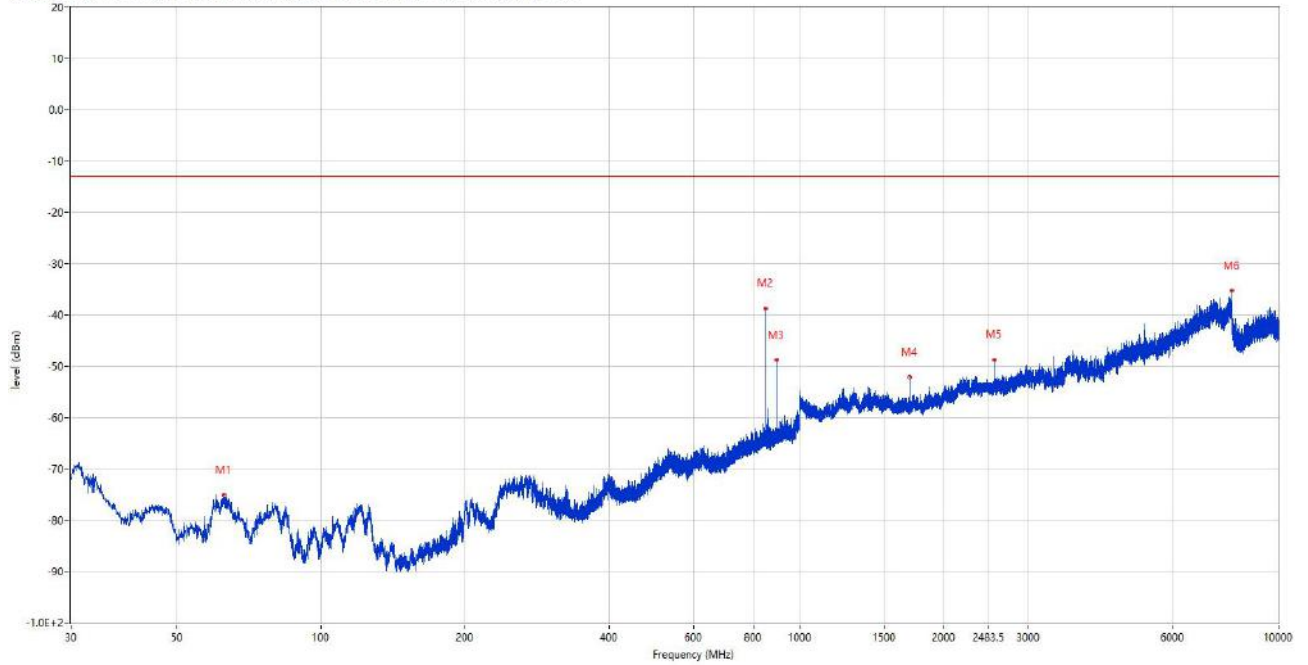


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
126.757	-70.26	-20.03	-13.0	57.26	188.00	Horizontal	Horizontal	Pass
253.052	-72.71	-11.61	-13.0	59.71	360.00	Horizontal	Horizontal	Pass
836.700	-40.90	5.72	-13.0	27.90	117.00	Horizontal	Horizontal	N/A
1006.500	-55.67	-2.32	-13.0	42.67	142.00	Horizontal	Horizontal	Pass
1673.900	-40.84	-3.70	-13.0	27.84	39.00	Horizontal	Horizontal	Pass
7984.000	-35.11	19.88	-13.0	22.11	1.00	Horizontal	Horizontal	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

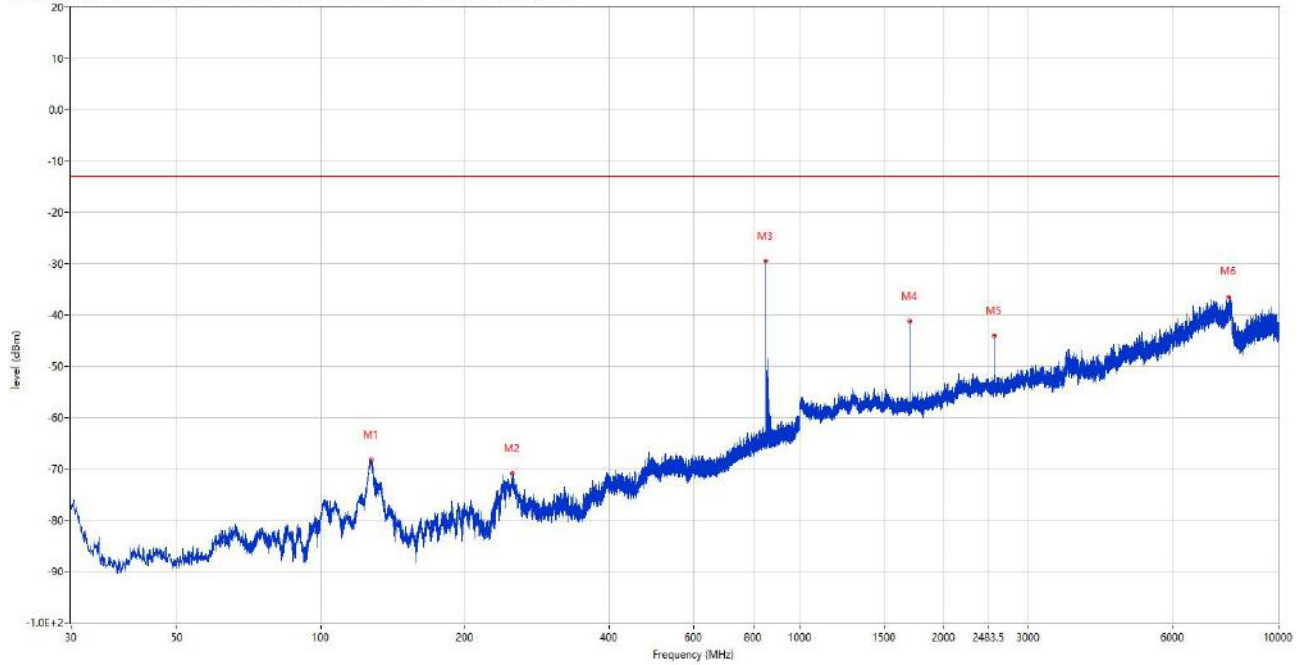


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
62.592	-75.02	-15.24	-13.0	62.02	168.00	Vertical	Horizontal	Pass
848.777	-38.82	5.80	-13.0	25.82	74.00	Vertical	Horizontal	N/A
893.785	-48.85	6.36	-13.0	35.85	249.00	Vertical	Horizontal	N/A
1698.500	-52.07	-4.04	-13.0	39.07	8.00	Vertical	Horizontal	Pass
2547.700	-48.73	1.05	-13.0	35.73	113.00	Vertical	Horizontal	Pass
7998.500	-35.27	20.16	-13.0	22.27	343.00	Vertical	Horizontal	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



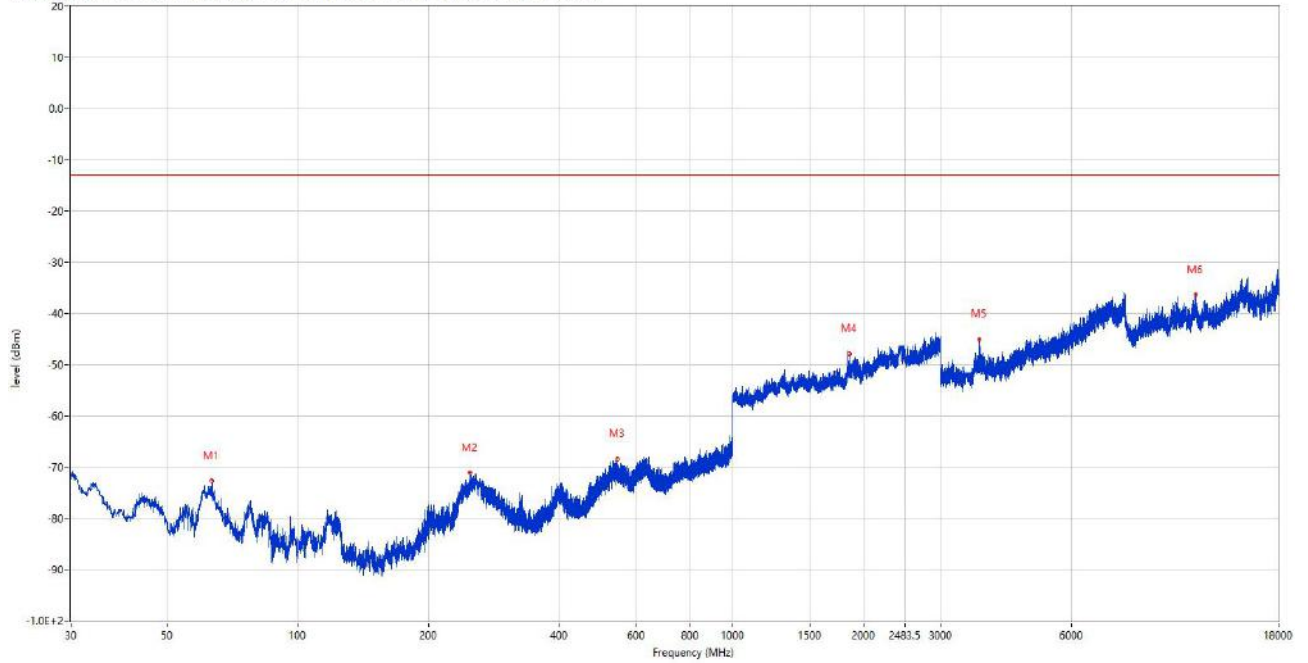
Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
127.291	-68.32	-20.10	-13.0	55.32	18.00	Horizontal	Horizontal	Pass
251.306	-70.81	-11.65	-13.0	57.81	18.00	Horizontal	Horizontal	Pass
848.874	-29.54	5.80	-13.0	16.54	123.00	Horizontal	Horizontal	N/A
1698.600	-41.30	-4.04	-13.0	28.30	39.00	Horizontal	Horizontal	Pass
2547.000	-44.07	1.04	-13.0	31.07	185.00	Horizontal	Horizontal	Pass
7886.000	-36.47	18.82	-13.0	23.47	302.00	Horizontal	Horizontal	Pass

1.2 GSM 1900

Band:GSM1900,Channel:Low

Range

RSE (RF) _FCC PART228/24827_GSM 1900 & CDMA BC1 & WCDMA Band 2 & LTE Band 2 & 25_1830-1920_30MHz-20GHz

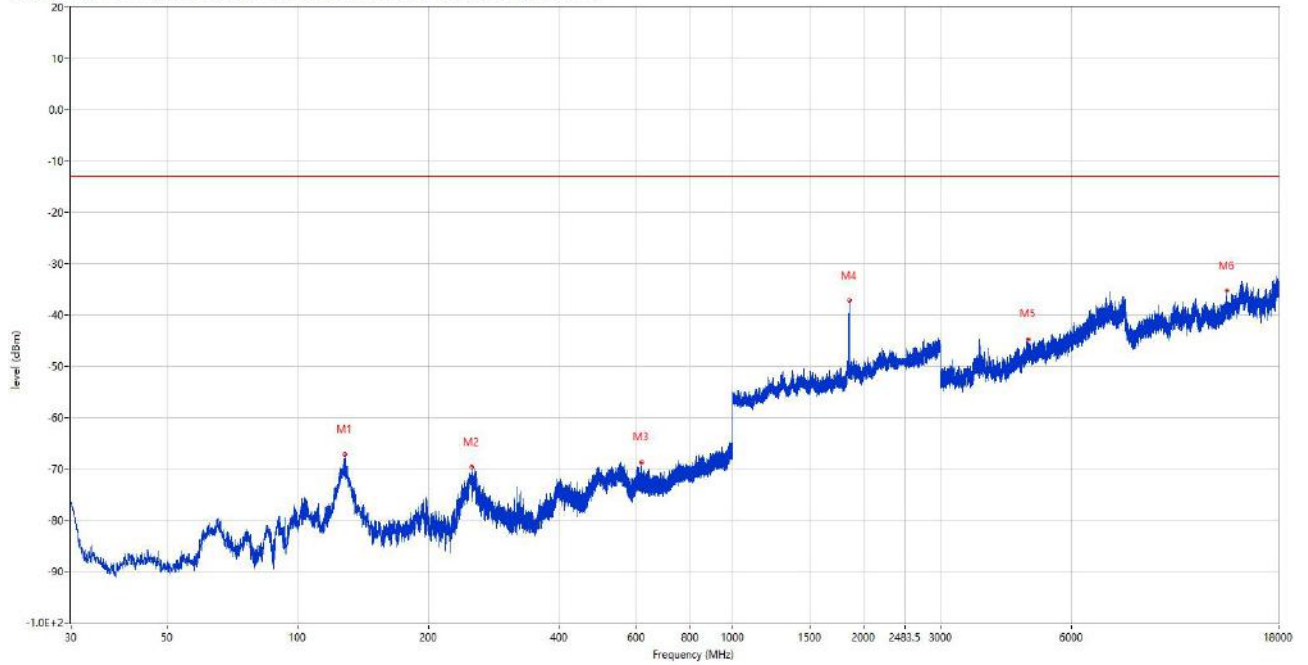


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
63.368	-72.67	-16.69	-13.0	59.67	141.00	Vertical	Horizontal	Pass
249.123	-71.10	-14.22	-13.0	58.10	234.00	Vertical	Horizontal	Pass
544.052	-68.37	-6.33	-13.0	55.37	5.00	Vertical	Horizontal	Pass
1851.100	-47.90	3.26	-13.0	34.90	37.00	Vertical	Horizontal	N/A
3701.000	-45.04	7.99	-13.0	32.04	105.00	Vertical	Horizontal	Pass
11603.599	-36.33	17.77	-13.0	23.33	295.00	Vertical	Horizontal	Pass

Band:GSM1900,Channel:Low

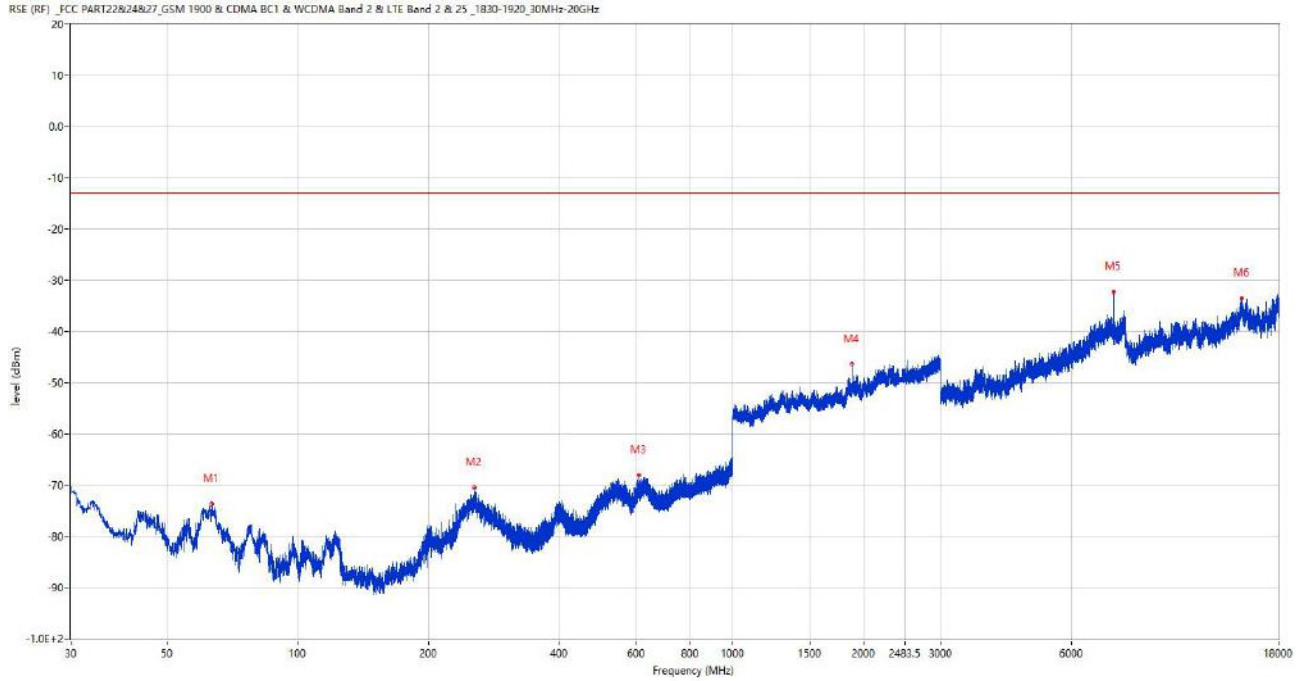
Range

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
128.067	-67.28	-21.84	-13.0	54.28	360.00	Horizontal	Horizontal	Pass
251.354	-69.73	-14.13	-13.0	56.73	359.00	Horizontal	Horizontal	Pass
615.443	-68.75	-4.27	-13.0	55.75	21.00	Horizontal	Horizontal	Pass
1850.900	-37.28	3.26	-13.0	24.28	316.00	Horizontal	Horizontal	N/A
4775.000	-44.77	10.87	-13.0	31.77	111.00	Horizontal	Horizontal	Pass
13683.200	-35.32	21.32	-13.0	22.32	0.00	Horizontal	Horizontal	Pass

Band:GSM1900,Channel:Mid
Range

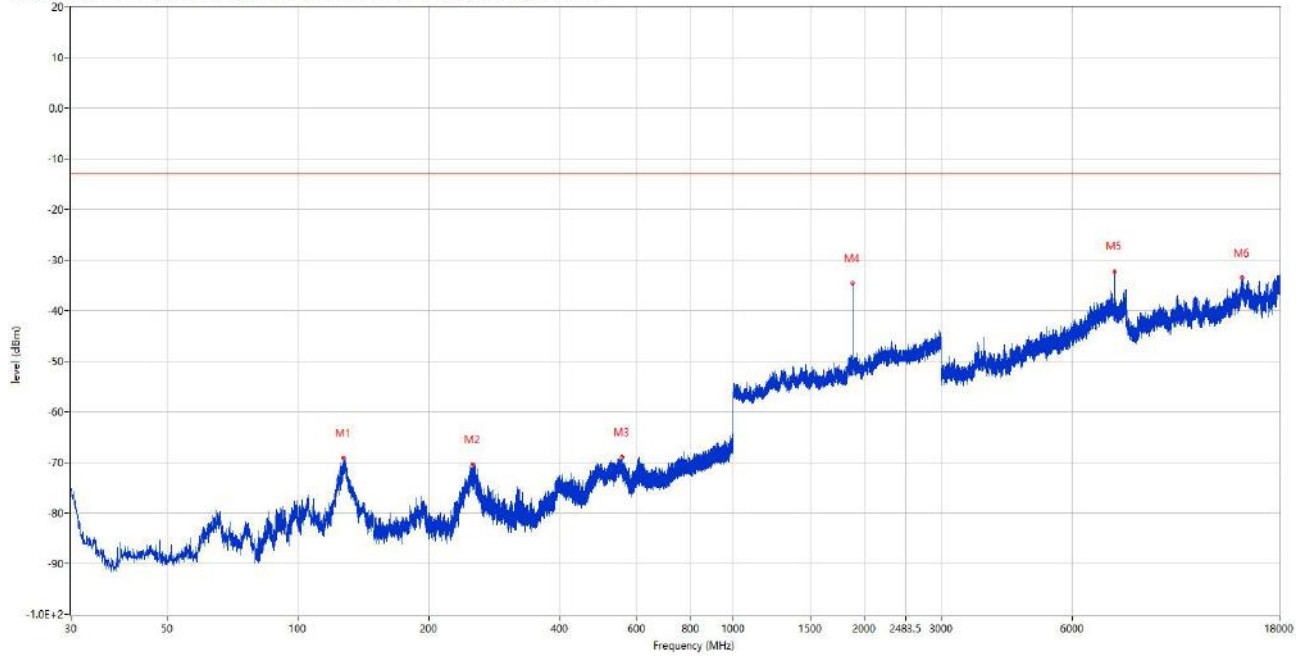


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
63.271	-73.75	-16.65	-13.0	60.75	89.00	Vertical	Horizontal	Pass
254.361	-70.52	-14.08	-13.0	57.52	253.00	Vertical	Horizontal	Pass
607.926	-68.06	-4.11	-13.0	55.06	82.00	Vertical	Horizontal	Pass
1881.300	-46.39	3.42	-13.0	33.39	360.00	Vertical	Horizontal	N/A
7520.750	-32.31	18.32	-13.0	19.31	343.00	Vertical	Horizontal	Pass
14867.599	-33.48	23.62	-13.0	20.48	269.00	Vertical	Horizontal	Pass

Band:GSM1900,Channel:Mid

Range

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

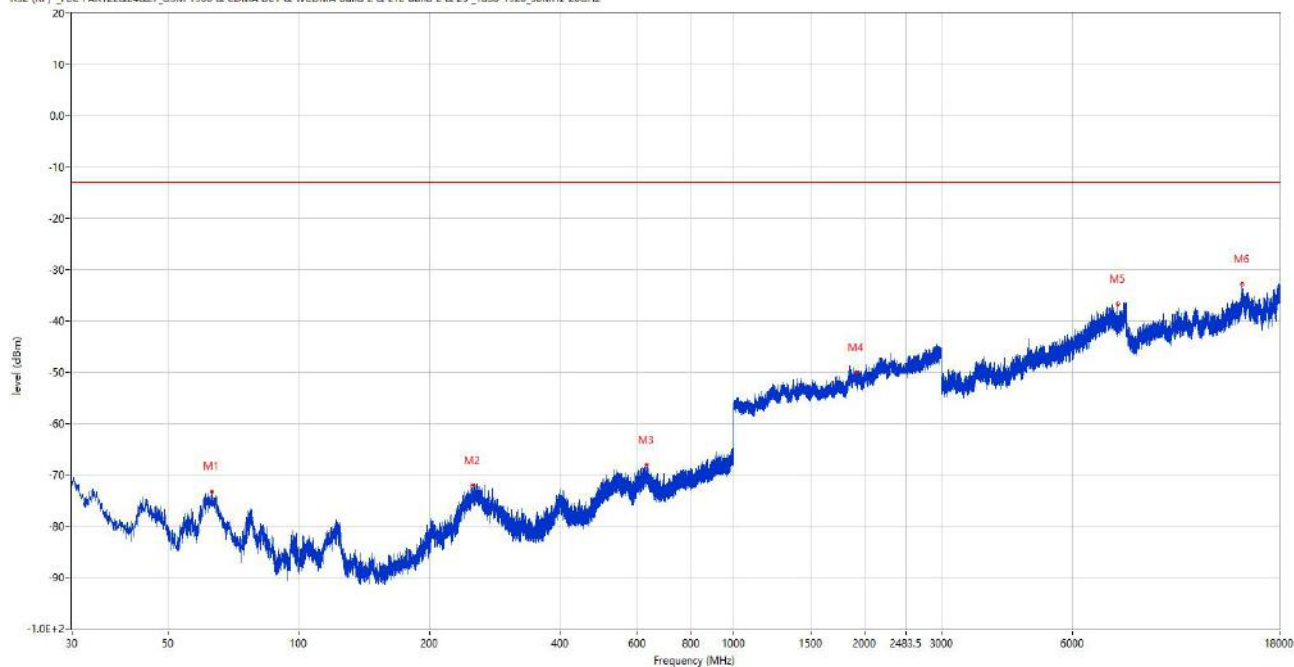


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
127.049	-69.17	-21.71	-13.0	56.17	207.00	Horizontal	Horizontal	Pass
252.276	-70.42	-14.12	-13.0	57.42	359.00	Horizontal	Horizontal	Pass
553.994	-68.96	-6.59	-13.0	55.96	53.00	Horizontal	Horizontal	Pass
1880.900	-34.64	3.42	-13.0	21.64	328.00	Horizontal	Horizontal	N/A
7521.000	-32.27	18.32	-13.0	19.27	330.00	Horizontal	Horizontal	Pass
14769.200	-33.60	23.56	-13.0	20.60	0.00	Horizontal	Horizontal	Pass

Band:GSM1900,Channel:High

Range

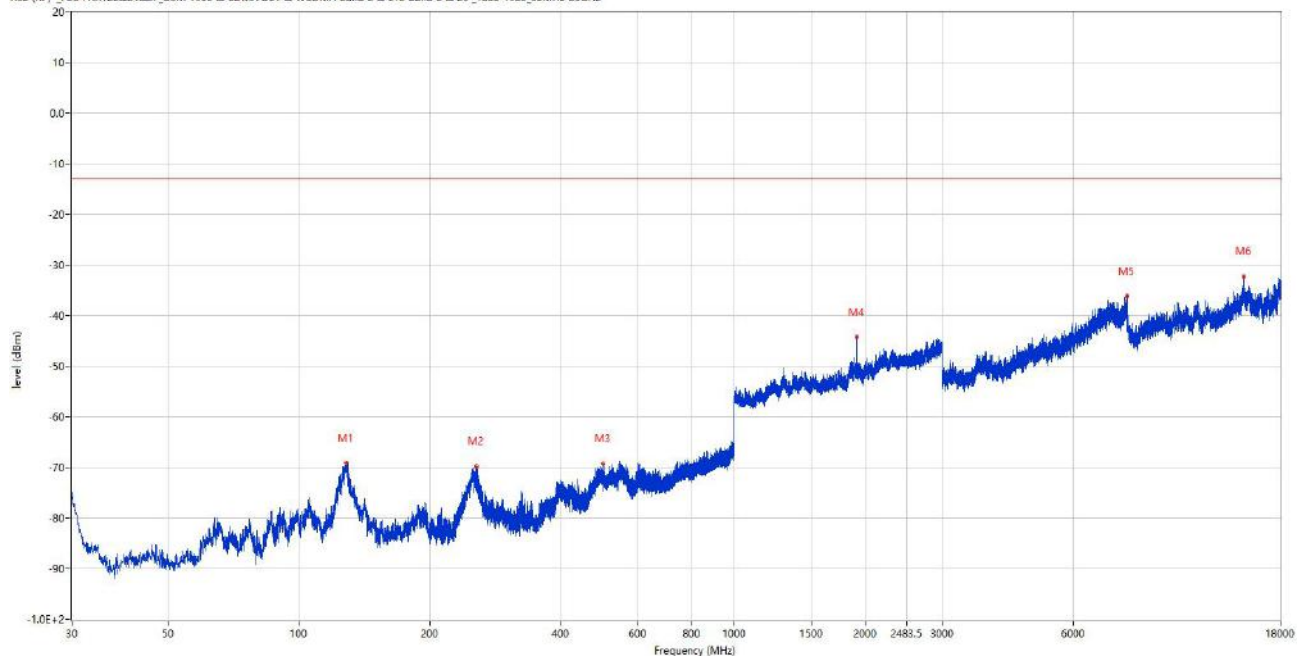
RSE (RF) _FCC PART228/24827_GSM 1900 & CDMA BC1 & WCDMA Band 2 & LTE Band 2 & 25_1830-1920_30MHz-20GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
62.980	-73.27	-16.52	-13.0	60.27	143.00	Vertical	Horizontal	Pass
250.966	-72.16	-14.14	-13.0	59.16	249.00	Vertical	Horizontal	Pass
629.994	-68.15	-4.53	-13.0	55.15	125.00	Vertical	Horizontal	Pass
1909.500	-50.07	3.52	-13.0	37.07	120.00	Vertical	Horizontal	N/A
7639.500	-36.71	17.31	-13.0	23.71	55.00	Vertical	Horizontal	Pass
14801.000	-32.88	24.33	-13.0	19.88	0.00	Vertical	Horizontal	Pass

Band:GSM1900,Channel:High
Range

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



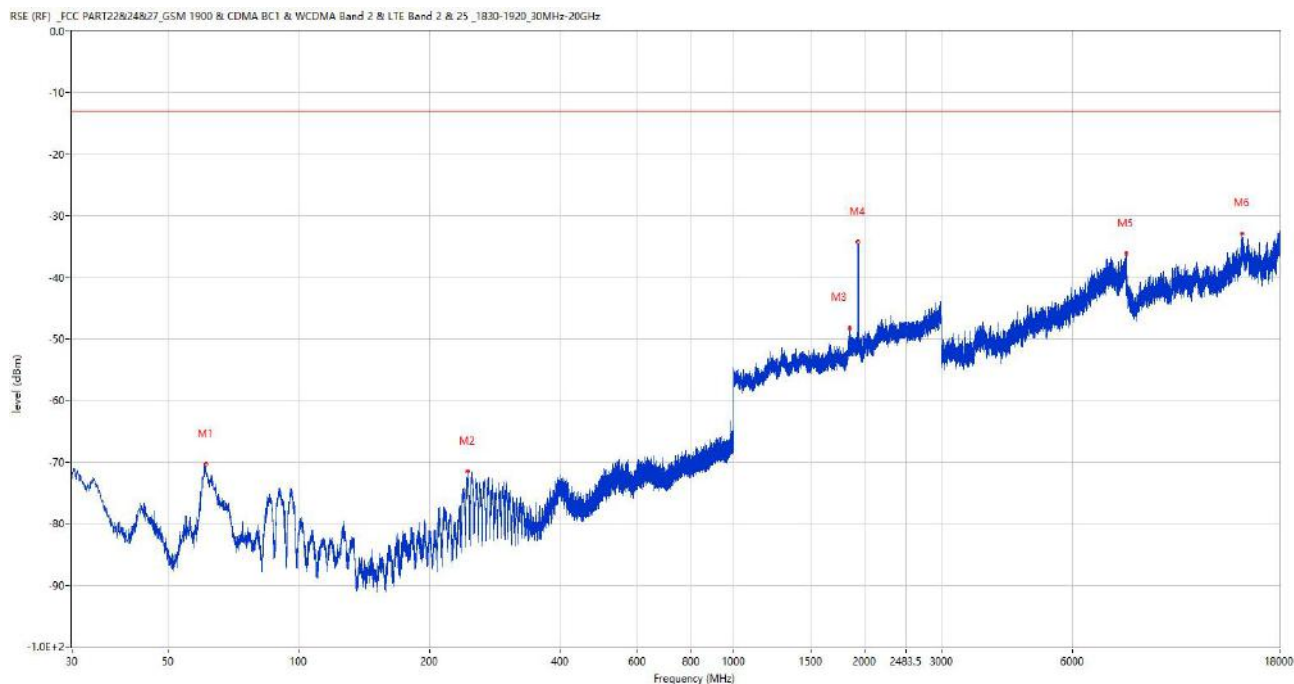
Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
127.970	-69.14	-21.82	-13.0	56.14	360.00	Horizontal	Horizontal	Pass
254.798	-69.81	-14.07	-13.0	56.81	360.00	Horizontal	Horizontal	Pass
500.353	-69.22	-7.90	-13.0	56.22	93.00	Horizontal	Horizontal	Pass
1910.800	-44.29	3.52	-13.0	31.29	346.00	Horizontal	Horizontal	N/A
7999.750	-36.21	20.20	-13.0	23.21	271.00	Horizontal	Horizontal	Pass
14816.600	-32.28	24.51	-13.0	19.28	3.00	Horizontal	Horizontal	Pass

2. WCDMA

2.1 WCDMA Band 2

Band:WCDMA B2,Channel:Low

Range

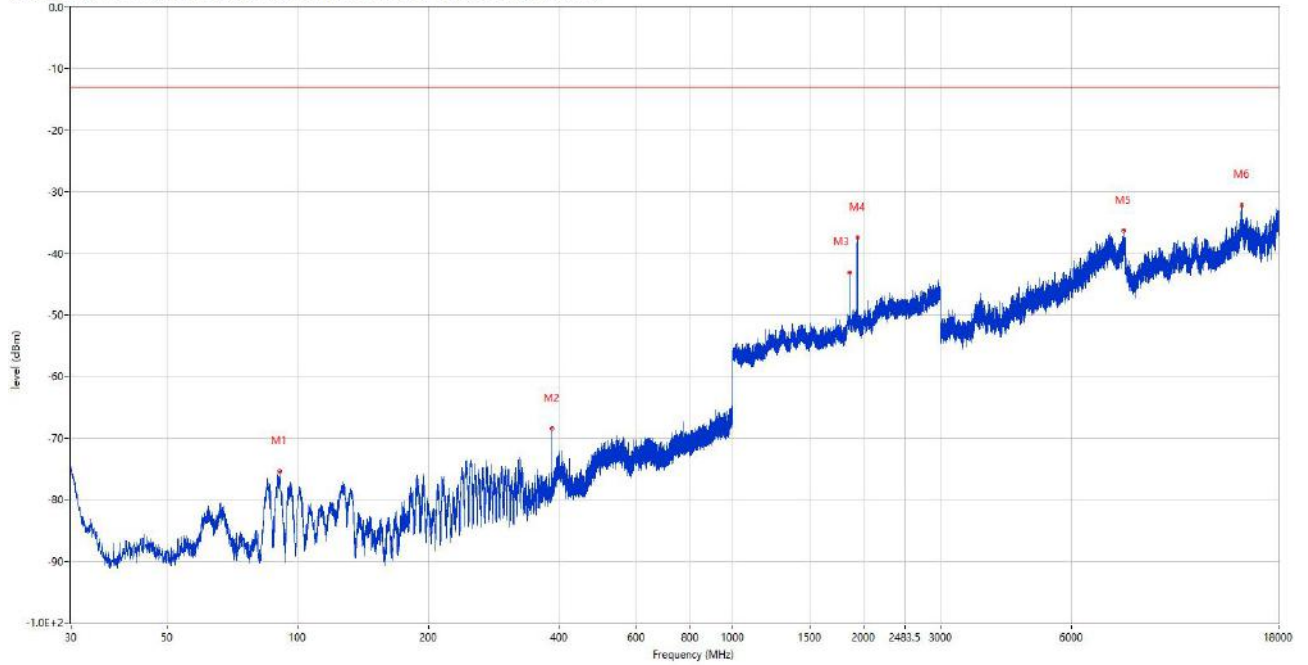


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
60.992	-70.29	-16.38	-13.0	57.29	86.00	Vertical	Horizontal	Pass
243.788	-71.52	-14.54	-13.0	58.52	216.00	Vertical	Horizontal	Pass
1846.700	-48.24	3.31	-13.0	35.24	210.00	Vertical	Horizontal	N/A
1931.800	-34.23	3.40	-13.0	21.23	0.00	Vertical	Horizontal	N/A
7991.500	-36.18	19.95	-13.0	23.18	59.00	Vertical	Horizontal	Pass
14805.800	-32.85	24.39	-13.0	19.85	356.00	Vertical	Horizontal	Pass

Band:WCDMA B2,Channel:Low

Range

RSE (RF) _FCC PART228/24827_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
90.479	-75.48	-19.43	-13.0	62.48	12.00	Horizontal	Horizontal	Pass
384.002	-68.41	-9.96	-13.0	55.41	181.00	Horizontal	Horizontal	Pass
1853.800	-43.19	3.28	-13.0	30.19	251.00	Horizontal	Horizontal	N/A
1934.200	-37.42	3.26	-13.0	24.42	283.00	Horizontal	Horizontal	N/A
7917.500	-36.25	19.28	-13.0	23.25	341.00	Horizontal	Horizontal	Pass
14825.000	-32.10	24.37	-13.0	19.10	215.00	Horizontal	Horizontal	Pass

Band:WCDMA B2,Channel:Mid
Range

Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict

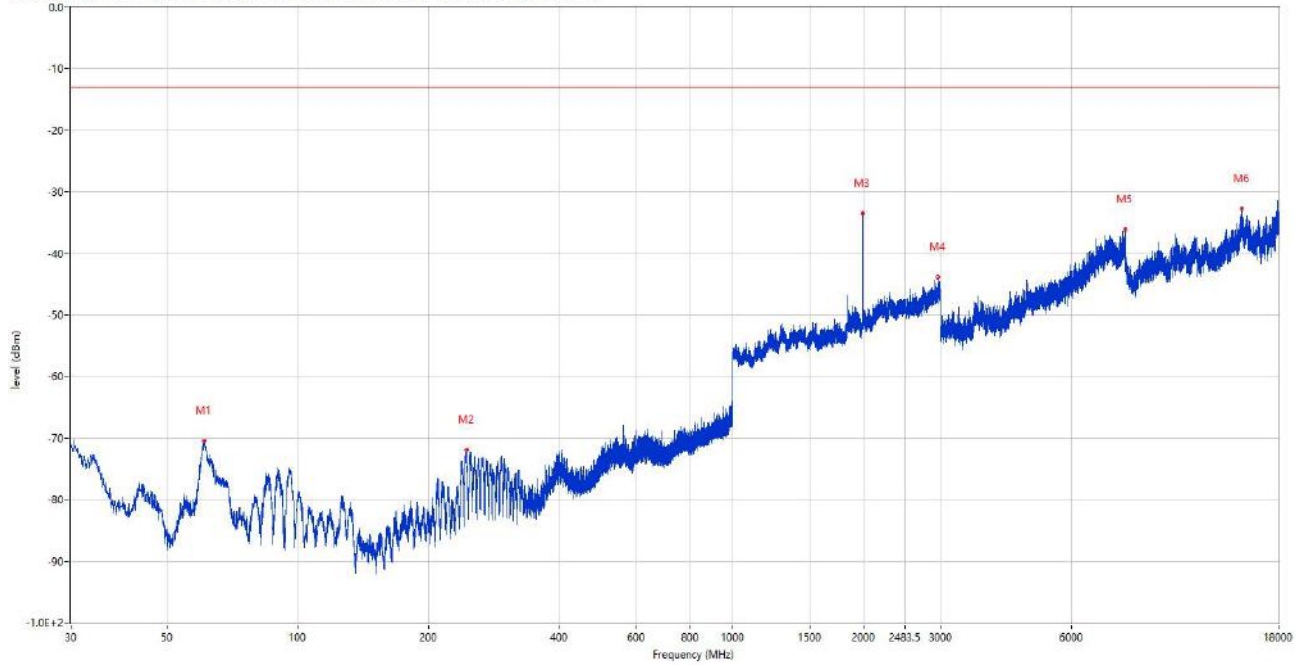
Band:WCDMA B2,Channel:Mid
Range

Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict

Band:WCDMA B2,Channel:High

Range

RSE (RF) _FCC PART228/24827_GSM 1900 & CDMA BC1 & WCDMA Band 2 & LTE Band 2 & 25_1830-1920_30MHz-20GHz

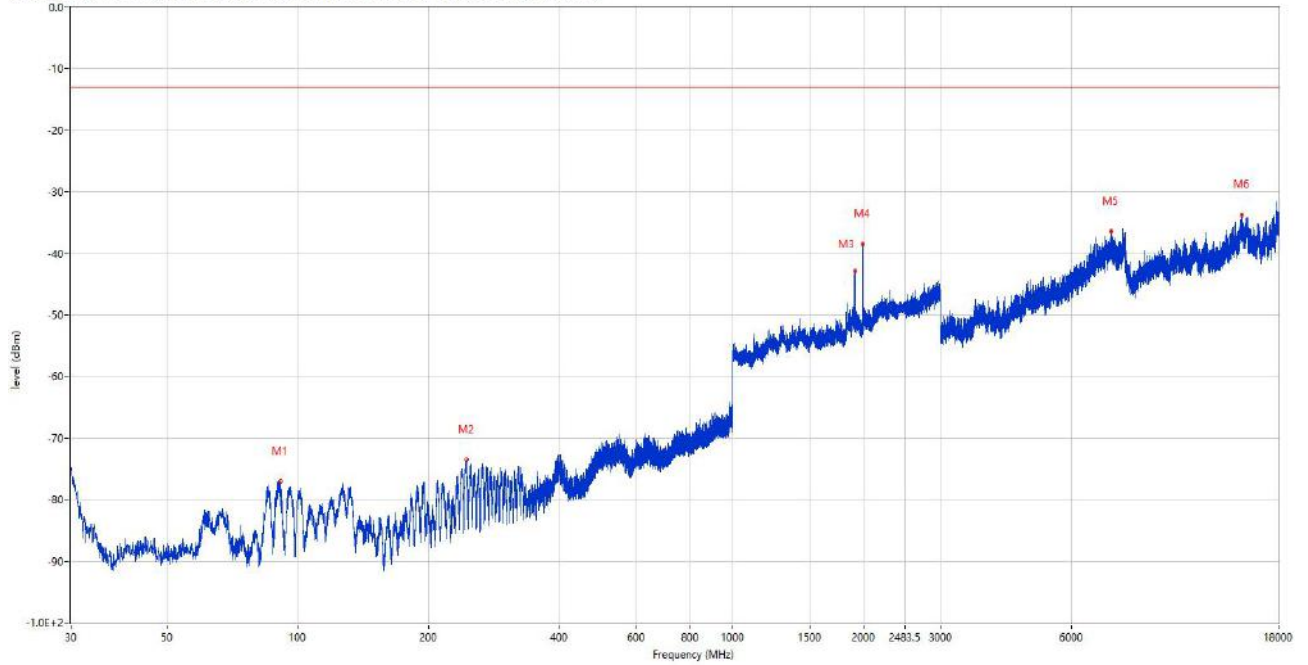


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
60.749	-70.53	-16.44	-13.0	57.53	163.00	Vertical	Horizontal	Pass
243.836	-71.99	-14.54	-13.0	58.99	218.00	Vertical	Horizontal	Pass
1988.600	-33.47	2.22	-13.0	20.47	234.00	Vertical	Horizontal	N/A
2966.800	-43.92	9.78	-13.0	30.92	351.00	Vertical	Horizontal	Pass
7990.750	-36.11	19.93	-13.0	23.11	252.00	Vertical	Horizontal	Pass
14832.800	-32.79	24.09	-13.0	19.79	253.00	Vertical	Horizontal	Pass

Band:WCDMA B2,Channel:High

Range

RSE (RF) _FCC PART228/24827_GSM 1900 & CDMA BC1 & WCDMA Band 2 & LTE Band 2 & 25_1830-1920_30MHz-20GHz

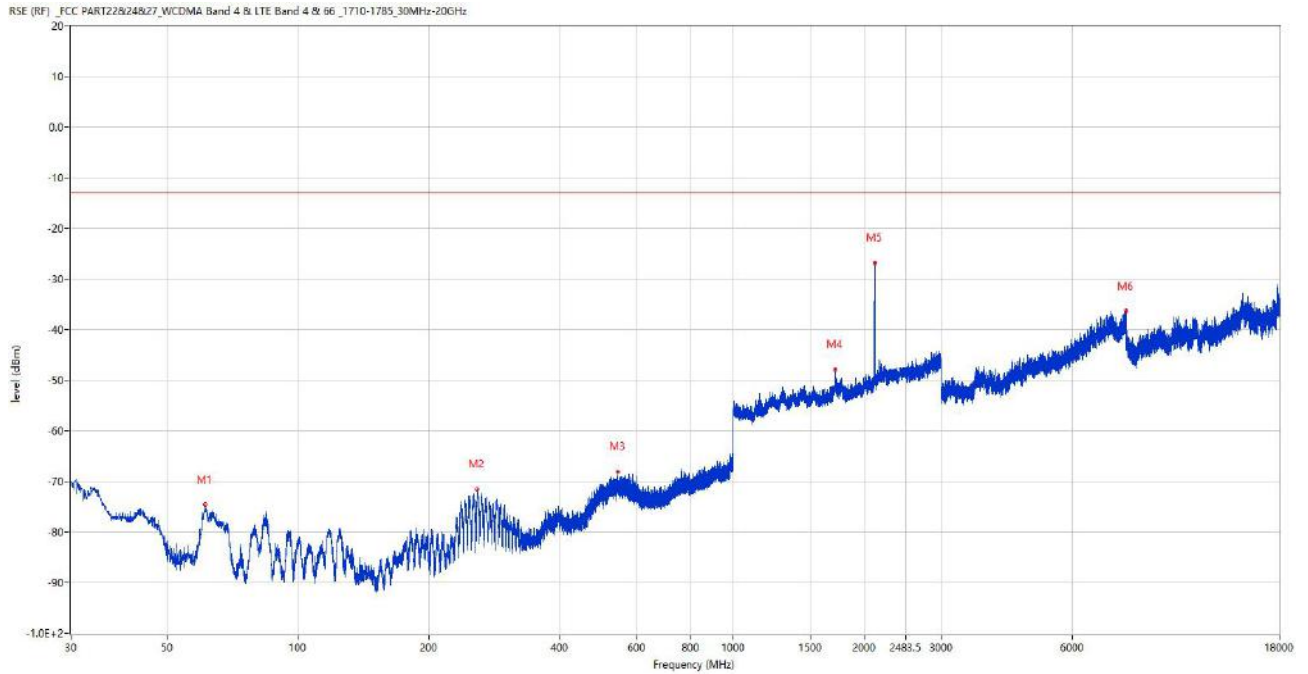


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
90.965	-77.08	-19.33	-13.0	64.08	37.00	Horizontal	Horizontal	Pass
244.030	-73.53	-14.54	-13.0	60.53	0.00	Horizontal	Horizontal	Pass
1908.800	-42.90	3.52	-13.0	29.90	198.00	Horizontal	Horizontal	N/A
1986.900	-38.42	2.17	-13.0	25.42	293.00	Horizontal	Horizontal	N/A
7418.750	-36.44	18.73	-13.0	23.44	295.00	Horizontal	Horizontal	Pass
14822.600	-33.70	24.46	-13.0	20.70	206.00	Horizontal	Horizontal	Pass

2.2 WCDMA Band 4

Band:WCDMA B4,Channel:Low

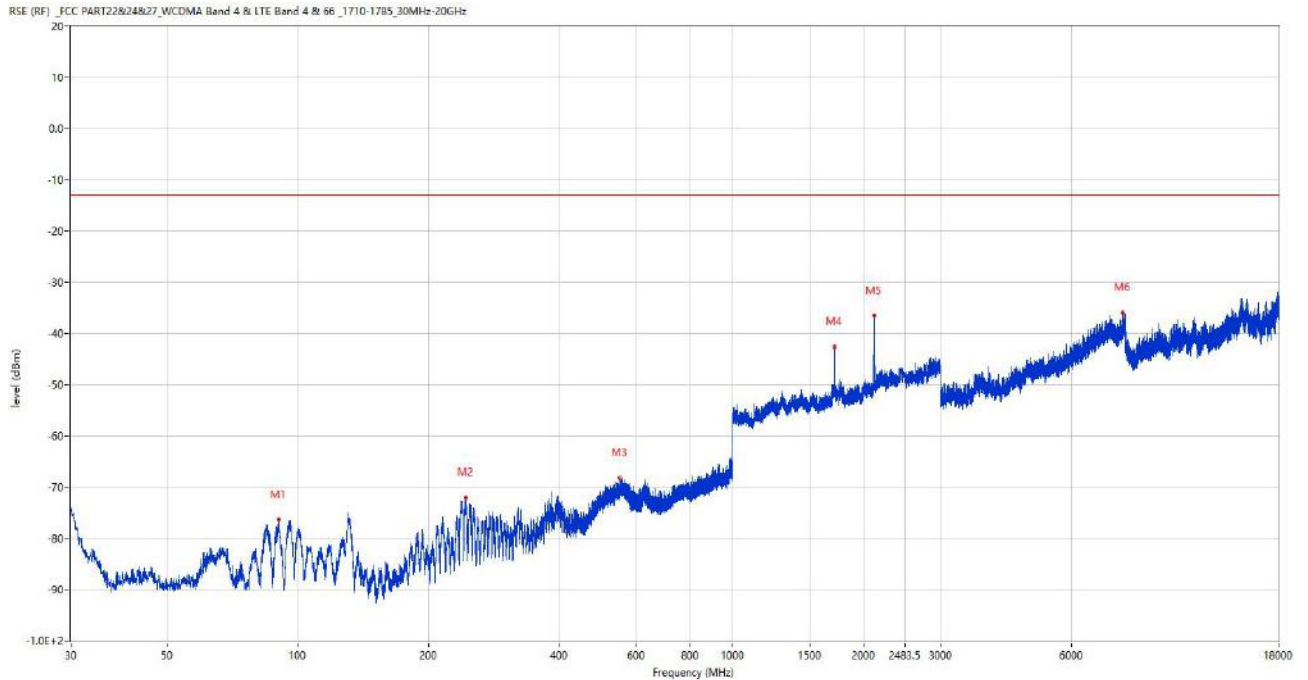
Range



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
61.040	-74.57	-16.36	-13.0	61.57	82.00	Vertical	Horizontal	Pass
257.999	-71.62	-14.09	-13.0	58.62	0.00	Vertical	Horizontal	Pass
543.033	-68.01	-6.31	-13.0	55.01	215.00	Vertical	Horizontal	Pass
1712.700	-47.94	2.49	-13.0	34.94	102.00	Vertical	Horizontal	N/A
2113.300	-26.85	3.97	-13.0	13.85	359.00	Vertical	Horizontal	N/A

Band:WCDMA B4,Channel:Low

Range

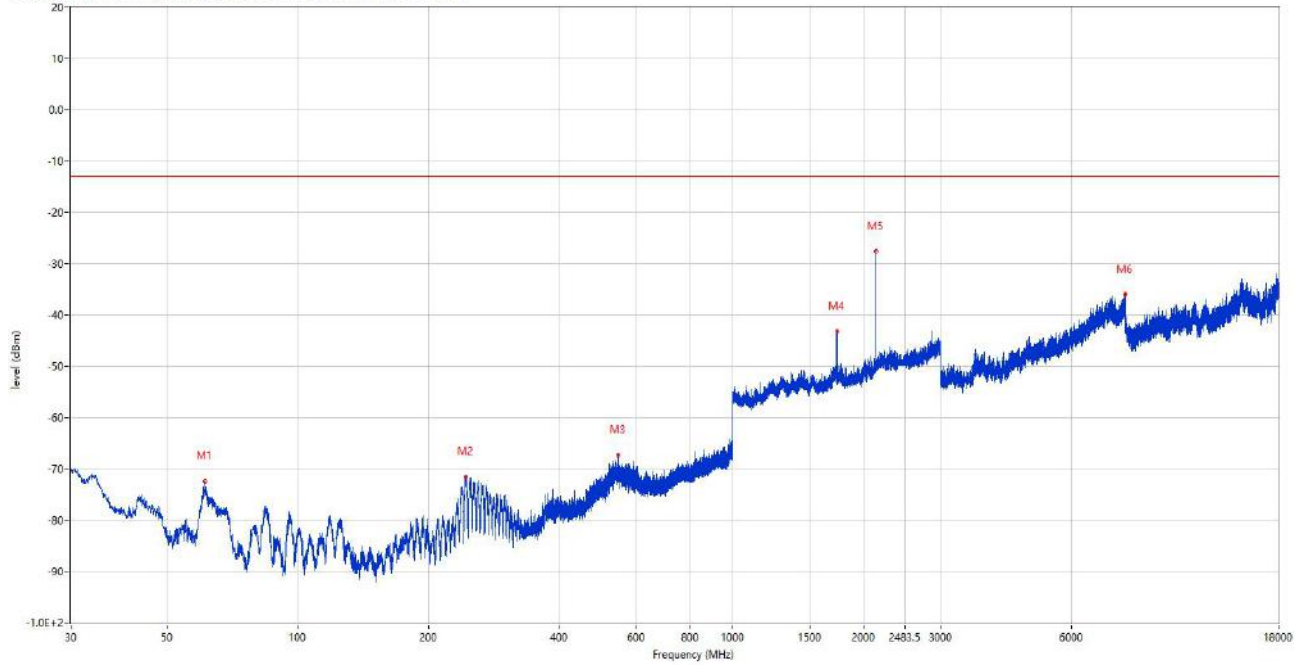


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
90.188	-76.36	-19.48	-13.0	63.36	25.00	Horizontal	Horizontal	Pass
243.060	-72.04	-14.55	-13.0	59.04	39.00	Horizontal	Horizontal	Pass
549.484	-68.21	-6.48	-13.0	55.21	153.00	Horizontal	Horizontal	Pass
1714.100	-42.62	2.52	-13.0	29.62	11.00	Horizontal	Horizontal	N/A
2114.300	-36.46	3.98	-13.0	23.46	11.00	Horizontal	Horizontal	N/A
7893.750	-35.96	19.02	-13.0	22.96	333.00	Horizontal	Horizontal	Pass

Band:WCDMA B4,Channel:Mid

Range

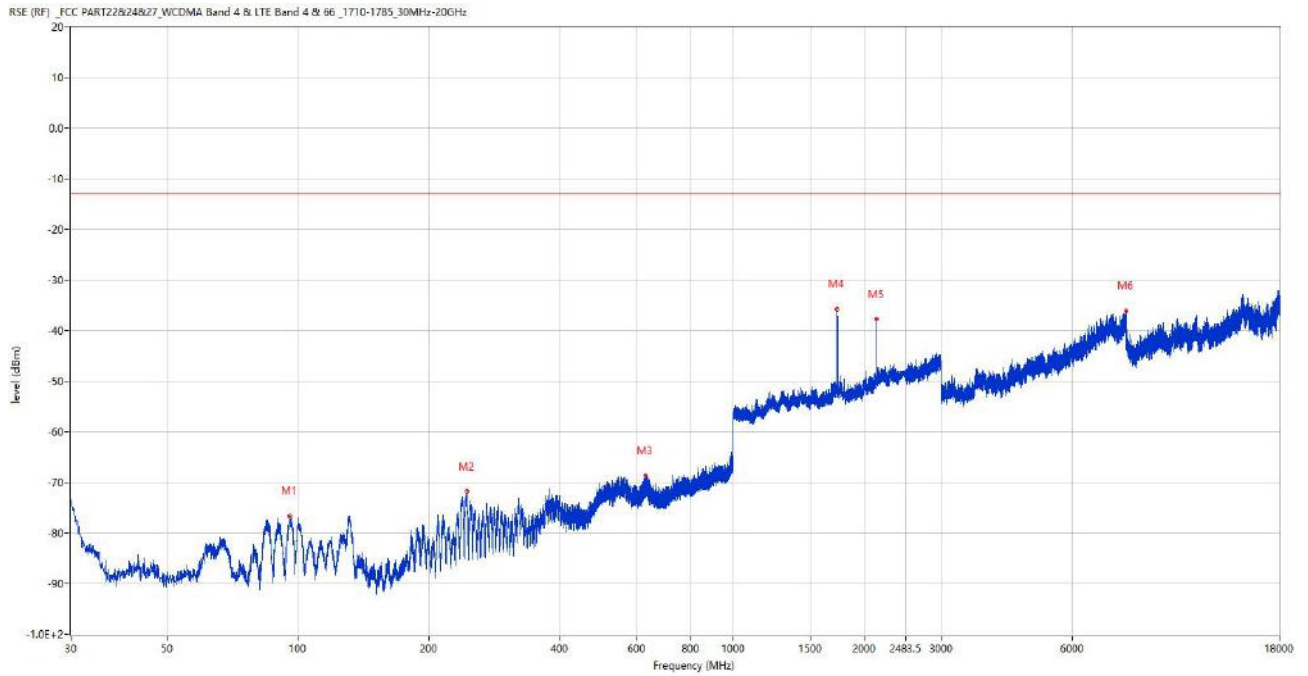
RSE (RF) _FCC PART228/24827_WCDMA Band 4 & LTE Band 4 & 66_1710-1785_30MHz-20GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
61.089	-72.45	-16.35	-13.0	59.45	77.00	Vertical	Horizontal	Pass
243.303	-71.52	-14.55	-13.0	58.52	358.00	Vertical	Horizontal	Pass
545.700	-67.28	-6.38	-13.0	54.28	49.00	Vertical	Horizontal	Pass
1734.800	-43.21	2.76	-13.0	30.21	297.00	Vertical	Horizontal	N/A
2134.400	-27.63	4.07	-13.0	14.63	342.00	Vertical	Horizontal	N/A
7994.750	-36.01	20.05	-13.0	23.01	295.00	Vertical	Horizontal	Pass

Band:WCDMA B4,Channel:Mid

Range

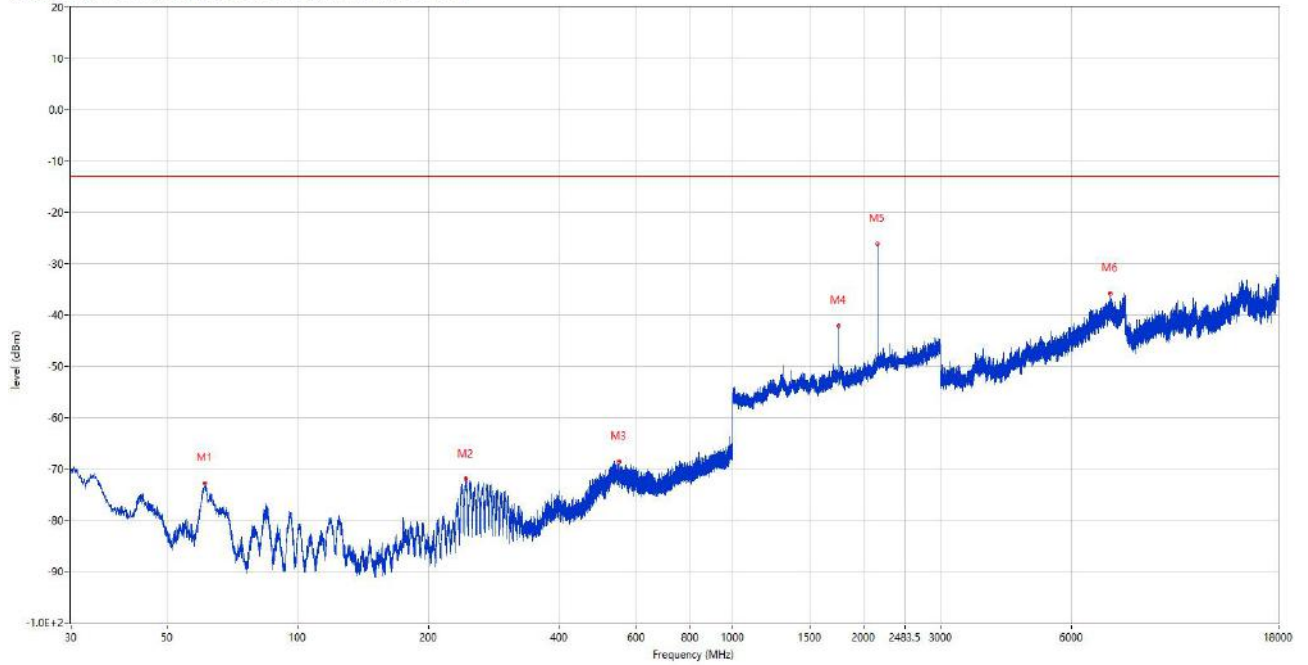


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
95.717	-76.61	-19.05	-13.0	63.61	0.00	Horizontal	Horizontal	Pass
243.885	-71.84	-14.54	-13.0	58.84	42.00	Horizontal	Horizontal	Pass
627.714	-68.67	-4.51	-13.0	55.67	154.00	Horizontal	Horizontal	Pass
1731.900	-35.87	2.79	-13.0	22.87	222.00	Horizontal	Horizontal	N/A
2134.500	-37.80	4.08	-13.0	24.80	11.00	Horizontal	Horizontal	N/A
7993.250	-36.06	20.00	-13.0	23.06	0.00	Horizontal	Horizontal	Pass

Band:WCDMA B4,Channel:High

Range

RSE (RF) _FCC PART228/24827_WCDMA Band 4 & LTE Band 4 & 66_1710-1785_30MHz-20GHz

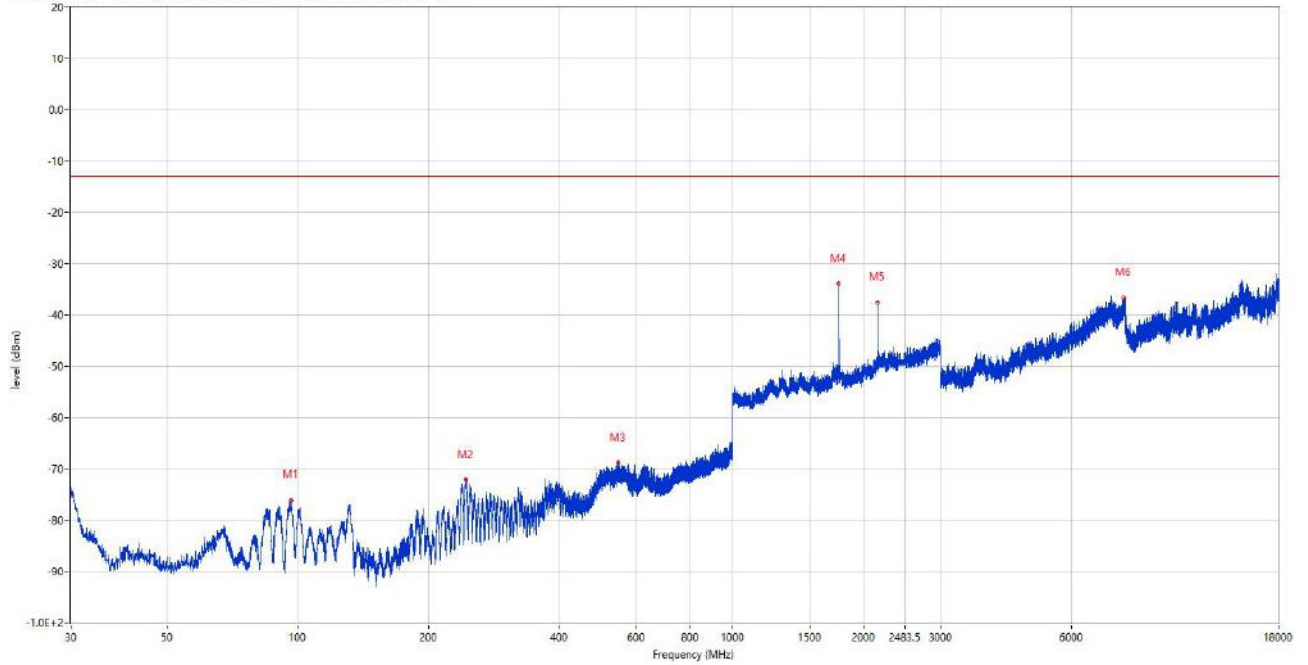


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
60.992	-72.81	-16.38	-13.0	59.81	105.00	Vertical	Horizontal	Pass
243.546	-71.94	-14.55	-13.0	58.94	360.00	Vertical	Horizontal	Pass
548.465	-68.52	-6.46	-13.0	55.52	44.00	Vertical	Horizontal	Pass
1752.200	-42.08	2.63	-13.0	29.08	344.00	Vertical	Horizontal	N/A
2153.000	-26.12	4.72	-13.0	13.12	0.00	Vertical	Horizontal	N/A
7400.250	-35.71	18.93	-13.0	22.71	106.00	Vertical	Horizontal	Pass

Band:WCDMA B4,Channel:High

Range

RSE (RF) _FCC PART228/24827_WCDMA Band 4 & LTE Band 4 & 66_1710-1785_30MHz-20GHz



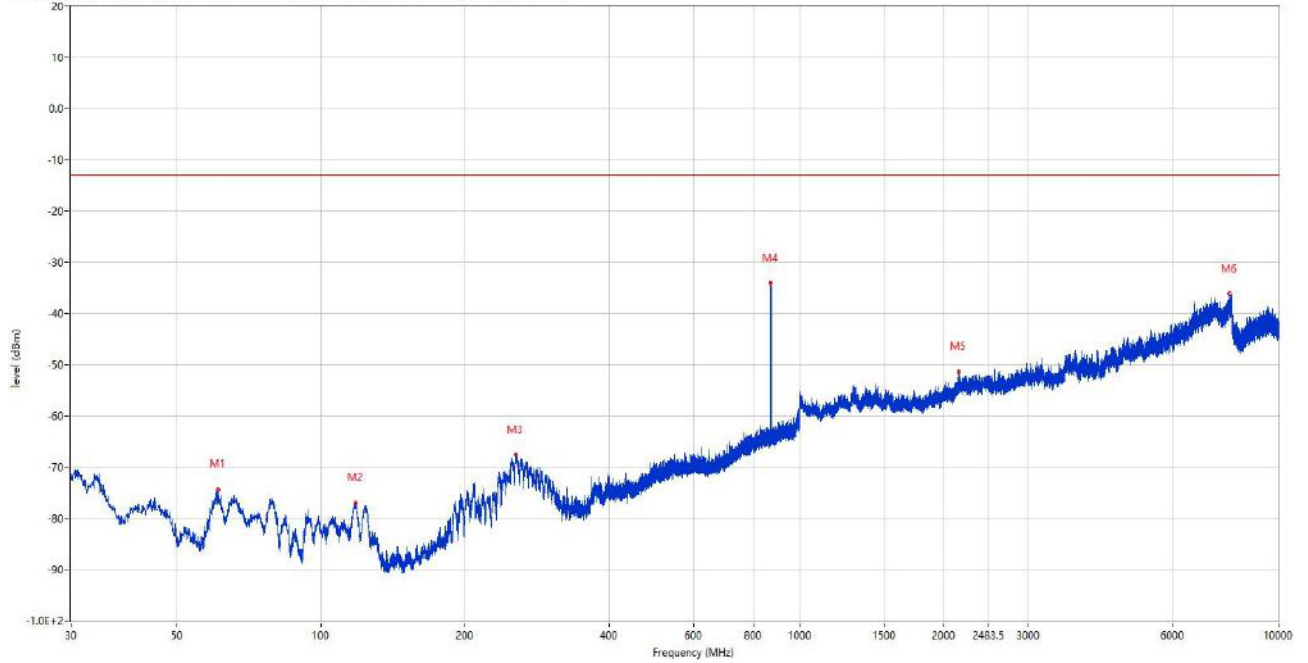
Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
96.299	-76.14	-18.98	-13.0	63.14	0.00	Horizontal	Horizontal	Pass
243.691	-72.18	-14.54	-13.0	59.18	62.00	Horizontal	Horizontal	Pass
546.040	-68.81	-6.39	-13.0	55.81	73.00	Horizontal	Horizontal	Pass
1752.300	-33.89	2.64	-13.0	20.89	168.00	Horizontal	Horizontal	N/A
2152.800	-37.60	4.72	-13.0	24.60	128.00	Horizontal	Horizontal	N/A
7916.000	-36.64	19.30	-13.0	23.64	16.00	Horizontal	Horizontal	Pass

2.3 WCDMA Band 5

Band:WCDMA B5,Channel:Low

Range

RSE (RF) _FCC PART229.24827_GSM B50 & CDMA BCO & WCDMA Band5 & LTE Band 5 & 26_814-849_30MHz-10GHz

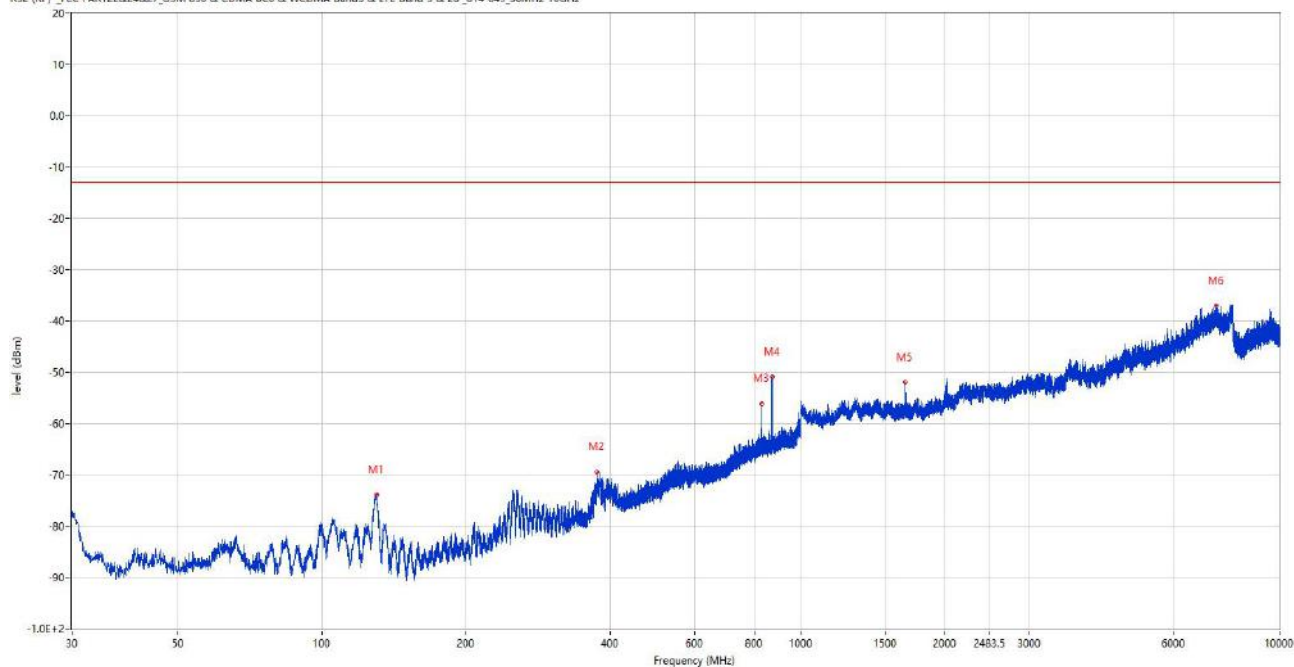


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
60.895	-74.46	-15.28	-13.0	61.46	102.00	Vertical	Horizontal	Pass
118.124	-76.94	-19.34	-13.0	63.94	113.00	Vertical	Horizontal	Pass
254.943	-67.59	-11.56	-13.0	54.59	151.00	Vertical	Horizontal	Pass
871.135	-34.06	5.44	-13.0	21.06	211.00	Vertical	Horizontal	N/A
2151.800	-51.49	0.03	-13.0	38.49	260.00	Vertical	Horizontal	Pass
7920.500	-36.21	19.25	-13.0	23.21	117.00	Vertical	Horizontal	Pass

Band:WCDMA B5,Channel:Low

Range

RSE (RF) _FCC PART22&24&27_GSM B50 & CDMA BC0 & WCDMA Band5 & LTE Band 5 & 26_814-849_30MHz-10GHz

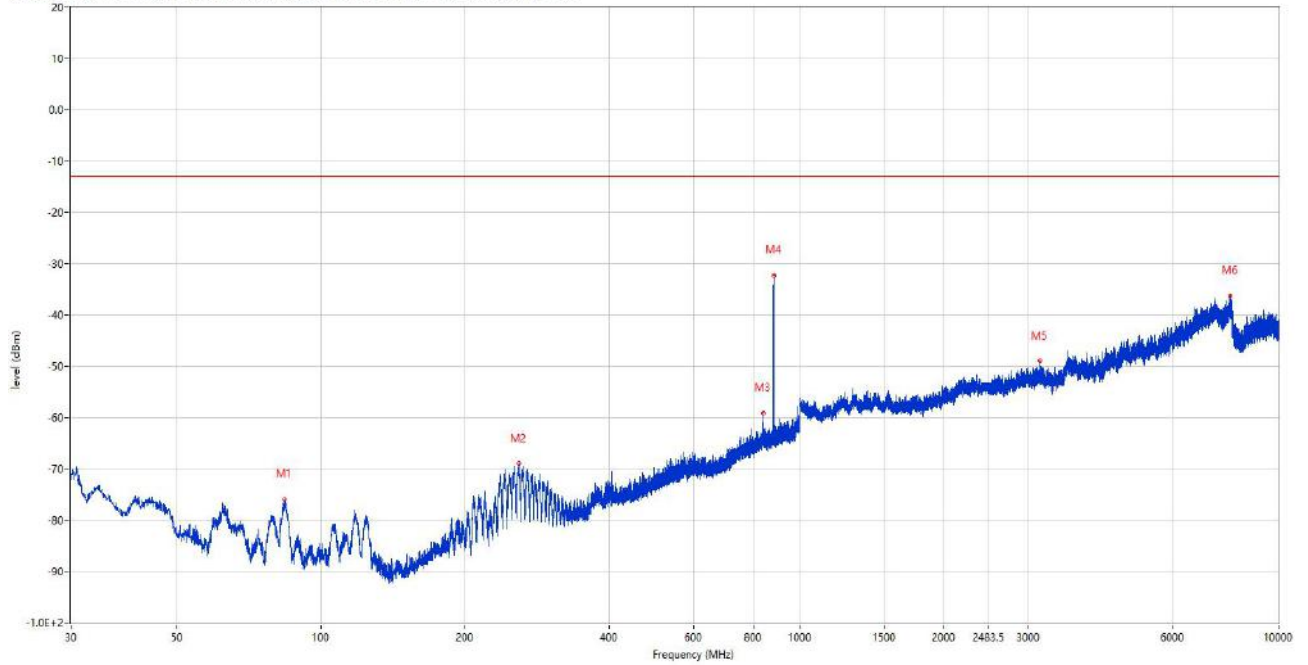


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
129.910	-73.94	-20.39	-13.0	60.94	196.00	Horizontal	Horizontal	Pass
374.932	-69.39	-7.20	-13.0	56.39	97.00	Horizontal	Horizontal	Pass
827.728	-56.08	5.47	-13.0	43.08	121.00	Horizontal	Horizontal	N/A
871.524	-50.91	5.46	-13.0	37.91	146.00	Horizontal	Horizontal	N/A
1651.100	-51.98	-3.61	-13.0	38.98	29.00	Horizontal	Horizontal	Pass
7381.750	-37.04	18.44	-13.0	24.04	297.00	Horizontal	Horizontal	Pass

Band:WCDMA B5,Channel:Mid

Range

RSE (RF) _FCC PART22&24&27_GSM B50 & CDMA BC0 & WCDMA Band5 & LTE Band 5 & 26_814-849_30MHz-10GHz

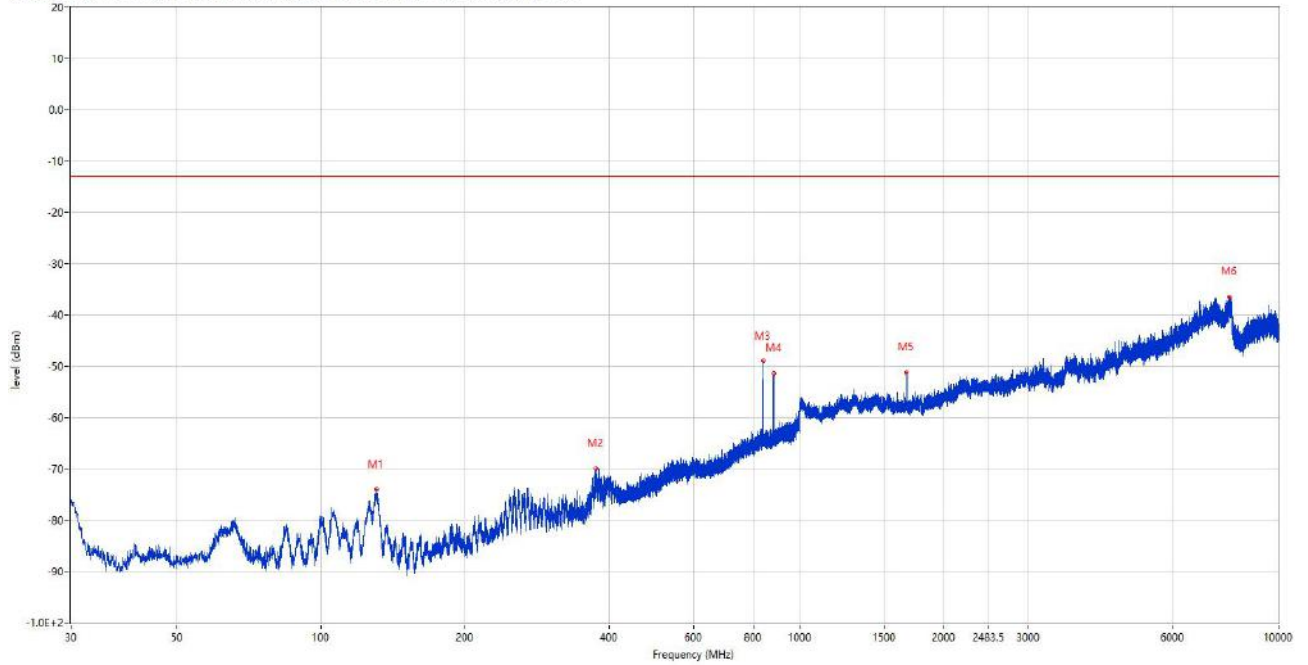


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
83.883	-75.88	-18.31	-13.0	62.88	312.00	Vertical	Horizontal	Pass
258.920	-69.02	-11.54	-13.0	56.02	249.00	Vertical	Horizontal	Pass
837.670	-59.07	5.74	-13.0	46.07	9.00	Vertical	Horizontal	N/A
882.630	-32.28	5.74	-13.0	19.28	228.00	Vertical	Horizontal	N/A
3178.000	-48.96	5.02	-13.0	35.96	96.00	Vertical	Horizontal	Pass
7935.500	-36.25	19.24	-13.0	23.25	142.00	Vertical	Horizontal	Pass

Band:WCDMA B5,Channel:Mid

Range

RSE (RF) _FCC PART22&24&27_GSM B50 & CDMA BC0 & WCDMA Band5 & LTE Band 5 & 26_814-849_30MHz-10GHz

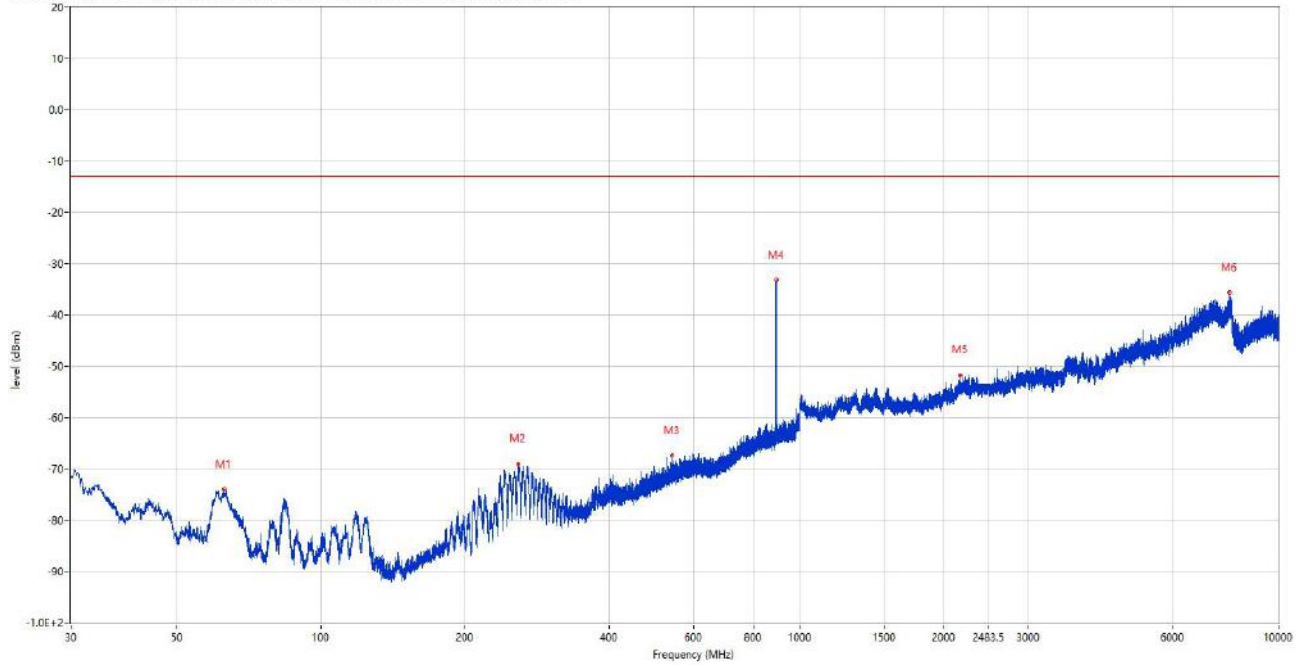


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
130.298	-74.04	-20.43	-13.0	61.04	190.00	Horizontal	Horizontal	Pass
374.884	-70.05	-7.21	-13.0	57.05	91.00	Horizontal	Horizontal	Pass
837.865	-49.02	5.75	-13.0	36.02	127.00	Horizontal	Horizontal	N/A
882.921	-51.33	5.74	-13.0	38.33	88.00	Horizontal	Horizontal	N/A
1671.200	-51.20	-3.63	-13.0	38.20	80.00	Horizontal	Horizontal	Pass
7893.750	-36.44	19.02	-13.0	23.44	234.00	Horizontal	Horizontal	Pass

Band:WCDMA B5,Channel:High

Range

RSE (RF) _FCC PART228/24827_GSM B50 & CDMA BC0 & WCDMA Band5 & LTE Band 5 & 26_814-849_30MHz-10GHz

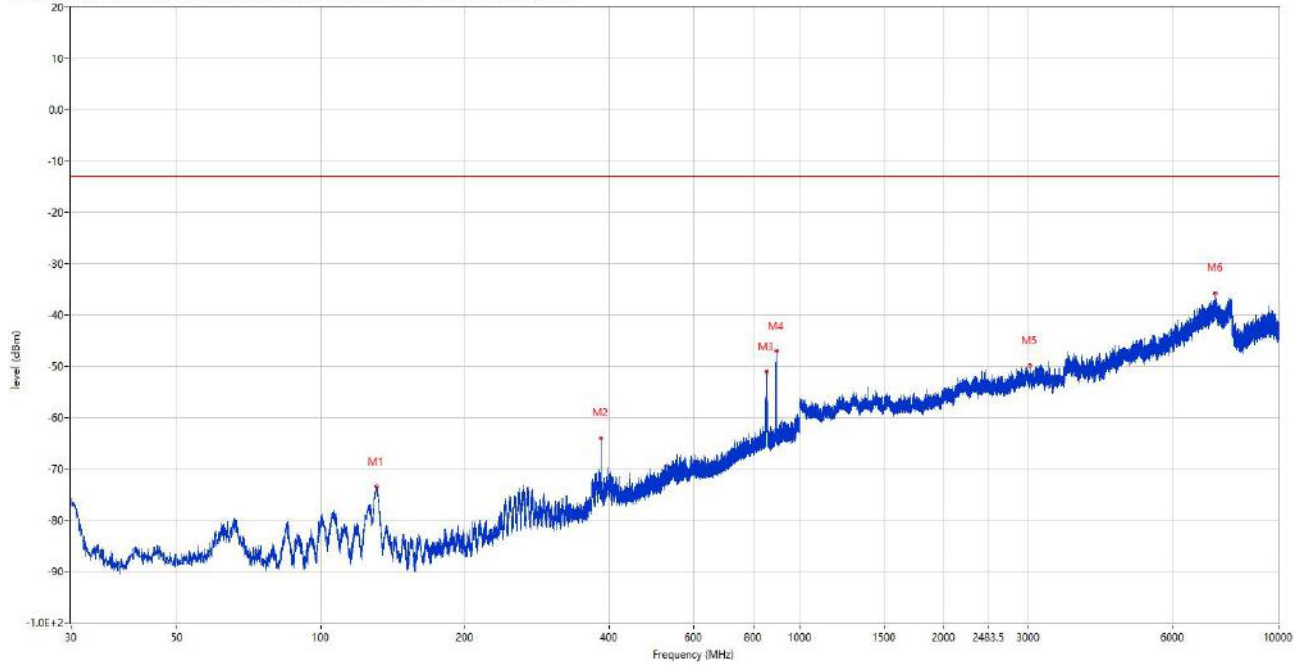


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
62.689	-74.02	-15.28	-13.0	61.02	79.00	Vertical	Horizontal	Pass
258.338	-69.05	-11.55	-13.0	56.05	309.00	Vertical	Horizontal	Pass
540.268	-67.45	-2.05	-13.0	54.45	207.00	Vertical	Horizontal	Pass
893.203	-33.23	6.34	-13.0	20.23	264.00	Vertical	Horizontal	N/A
2163.800	-51.81	0.24	-13.0	38.81	19.00	Vertical	Horizontal	Pass
7895.000	-35.62	19.05	-13.0	22.62	21.00	Vertical	Horizontal	Pass

Band:WCDMA B5,Channel:High

Range

RSE (RF) _FCC PART22&24&27_GSM B50 & CDMA BC0 & WCDMA Band5 & LTE Band 5 & 26_814-849_30MHz-10GHz

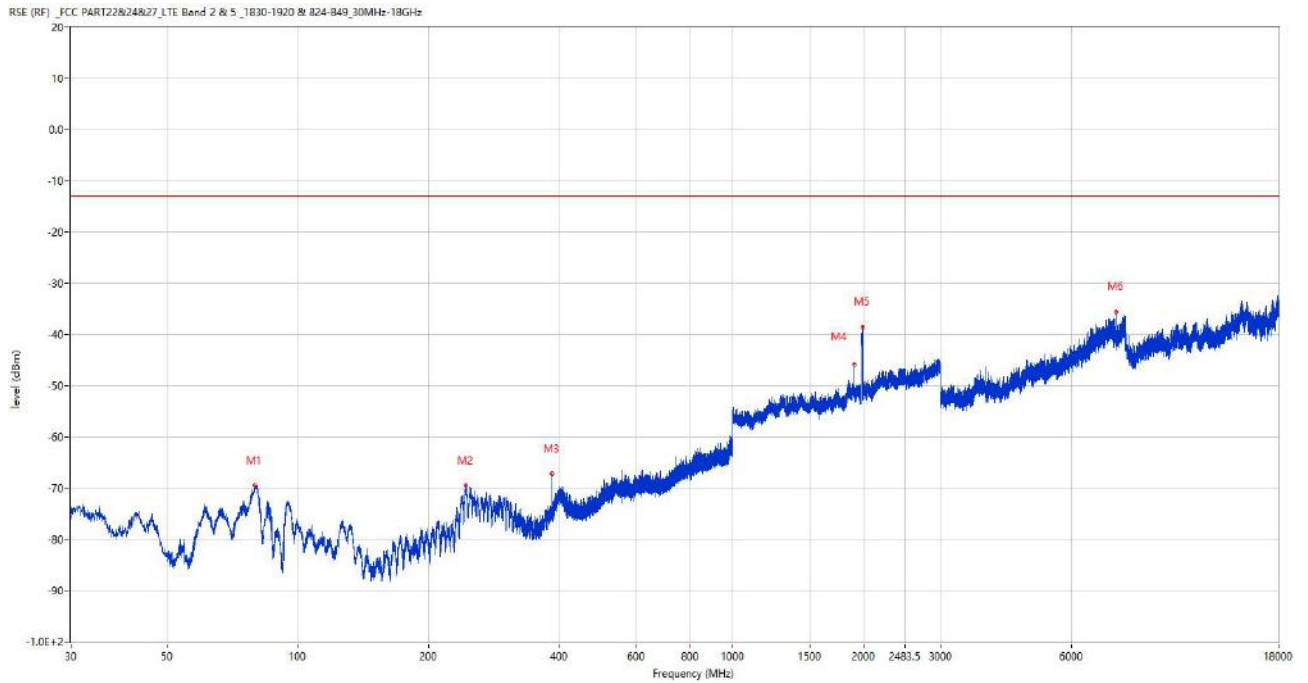


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
130.395	-73.49	-20.44	-13.0	60.49	212.00	Horizontal	Horizontal	Pass
384.002	-64.02	-6.74	-13.0	51.02	53.00	Horizontal	Horizontal	Pass
852.366	-51.09	5.80	-13.0	38.09	128.00	Horizontal	Horizontal	N/A
892.864	-47.06	6.33	-13.0	34.06	327.00	Horizontal	Horizontal	N/A
3027.500	-49.83	4.17	-13.0	36.83	235.00	Horizontal	Horizontal	Pass
7399.250	-35.79	18.89	-13.0	22.79	257.00	Horizontal	Horizontal	Pass

3. LTE

3.1 LTE Band 2

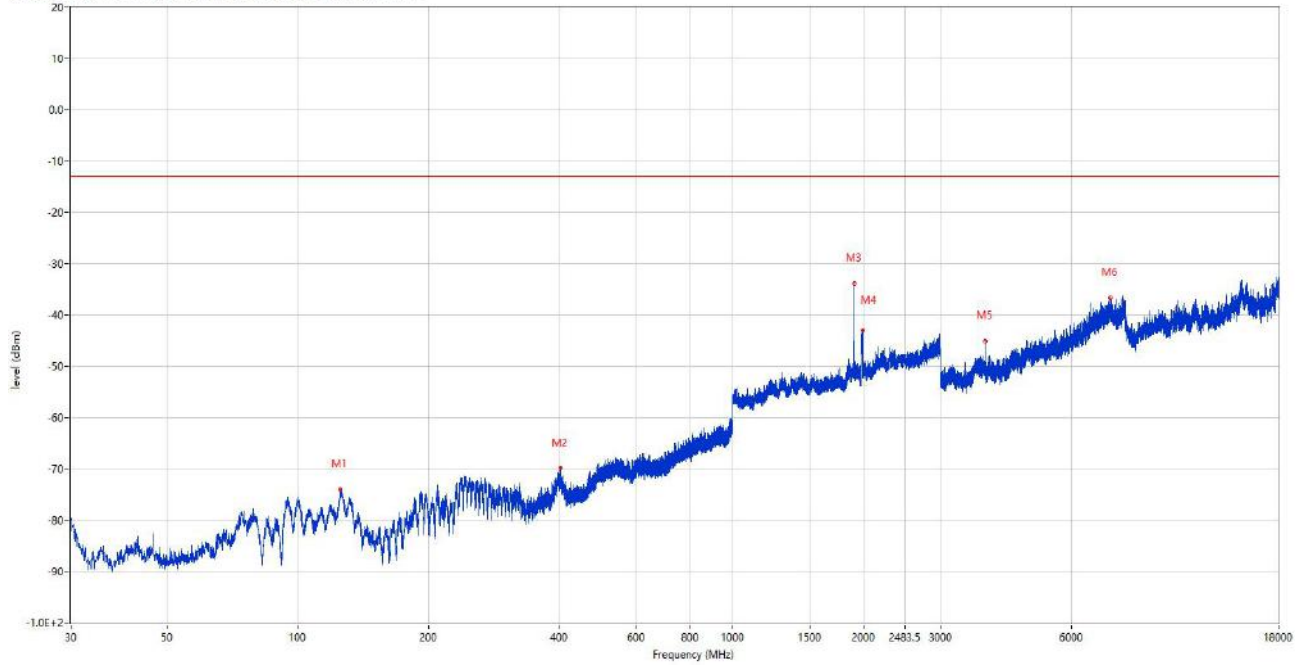
Band:LTE B2,Channel:High
range,BW20



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
79.470	-69.56	-18.67	-13.0	56.56	231.00	Vertical	Horizontal	Pass
243.448	-69.51	-12.49	-13.0	56.51	35.00	Vertical	Horizontal	Pass
384.050	-67.21	-7.23	-13.0	54.21	39.00	Vertical	Horizontal	Pass
1901.000	-45.83	3.49	-13.0	32.83	313.00	Vertical	Horizontal	N/A
1988.100	-38.58	2.20	-13.0	25.58	235.00	Vertical	Horizontal	N/A
7601.000	-35.53	17.62	-13.0	22.53	49.00	Vertical	Horizontal	Pass

Band:LTE B2,Channel:High
range,BW20

RSE (RF) _FCC PART228/24827_LTE Band 2 & 5 _1830-1920 & 824-849_30MHz-19GHz

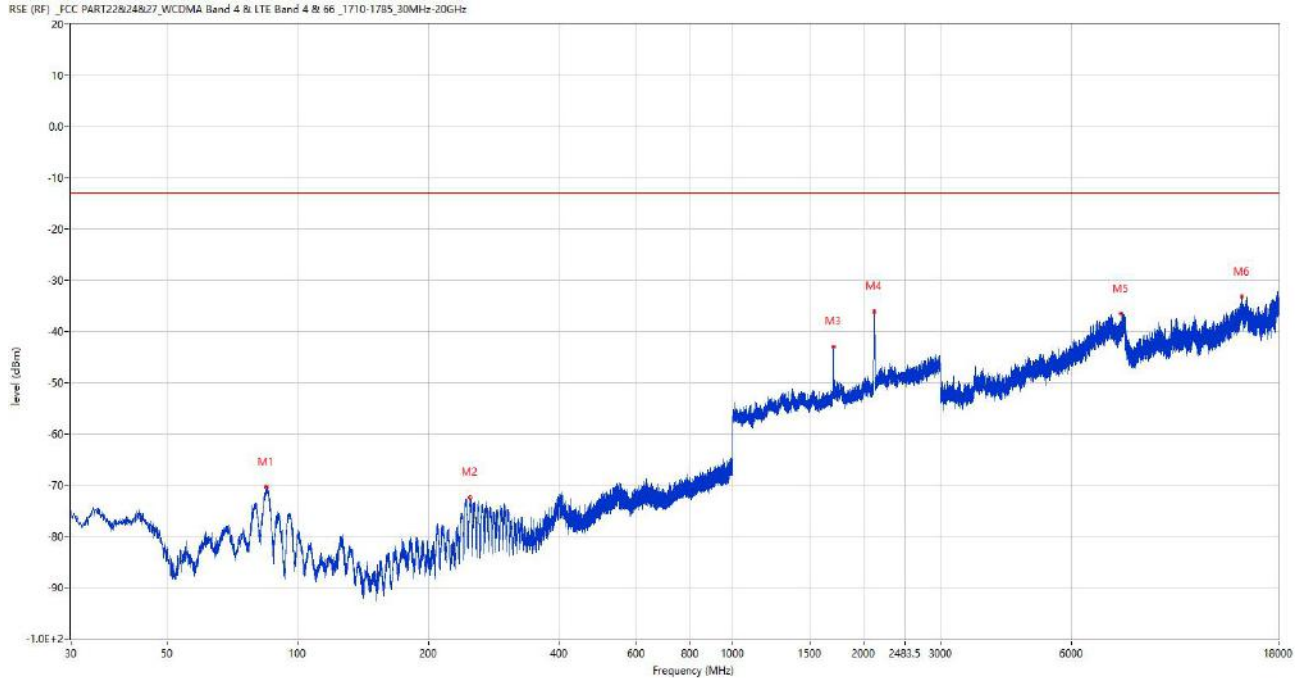


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
125.108	-74.08	-20.11	-13.0	61.08	217.00	Horizontal	Horizontal	Pass
401.655	-69.84	-6.88	-13.0	56.84	336.00	Horizontal	Horizontal	Pass
1901.100	-33.84	3.49	-13.0	20.84	229.00	Horizontal	Horizontal	N/A
1988.800	-43.06	2.22	-13.0	30.06	142.00	Horizontal	Horizontal	N/A
3800.750	-45.14	7.99	-13.0	32.14	302.00	Horizontal	Horizontal	Pass
7401.750	-36.66	18.96	-13.0	23.66	262.00	Horizontal	Horizontal	Pass

3.2 LTE Band 4

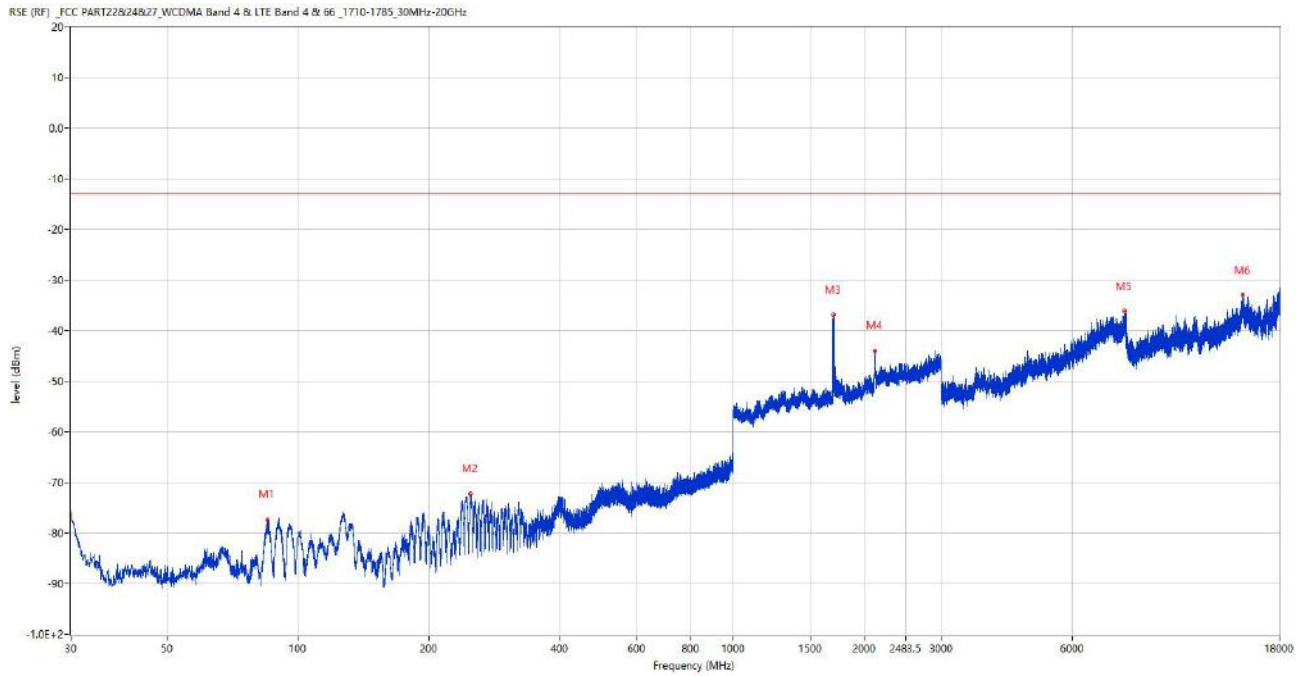
Band:LTE B4,Channel:Low

range,BW10



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
84.562	-70.35	-19.59	-13.0	57.35	82.00	Vertical	Horizontal	Pass
248.977	-72.53	-14.23	-13.0	59.53	40.00	Vertical	Horizontal	Pass
1702.600	-43.05	2.51	-13.0	30.05	53.00	Vertical	Horizontal	N/A
2114.100	-36.10	3.98	-13.0	23.10	234.00	Vertical	Horizontal	N/A
7833.500	-36.55	18.11	-13.0	23.55	222.00	Vertical	Horizontal	Pass
14854.725	-33.20	23.51	-13.0	20.20	160.00	Vertical	Horizontal	Pass

Band:LTE B4,Channel:Low
range,BW10

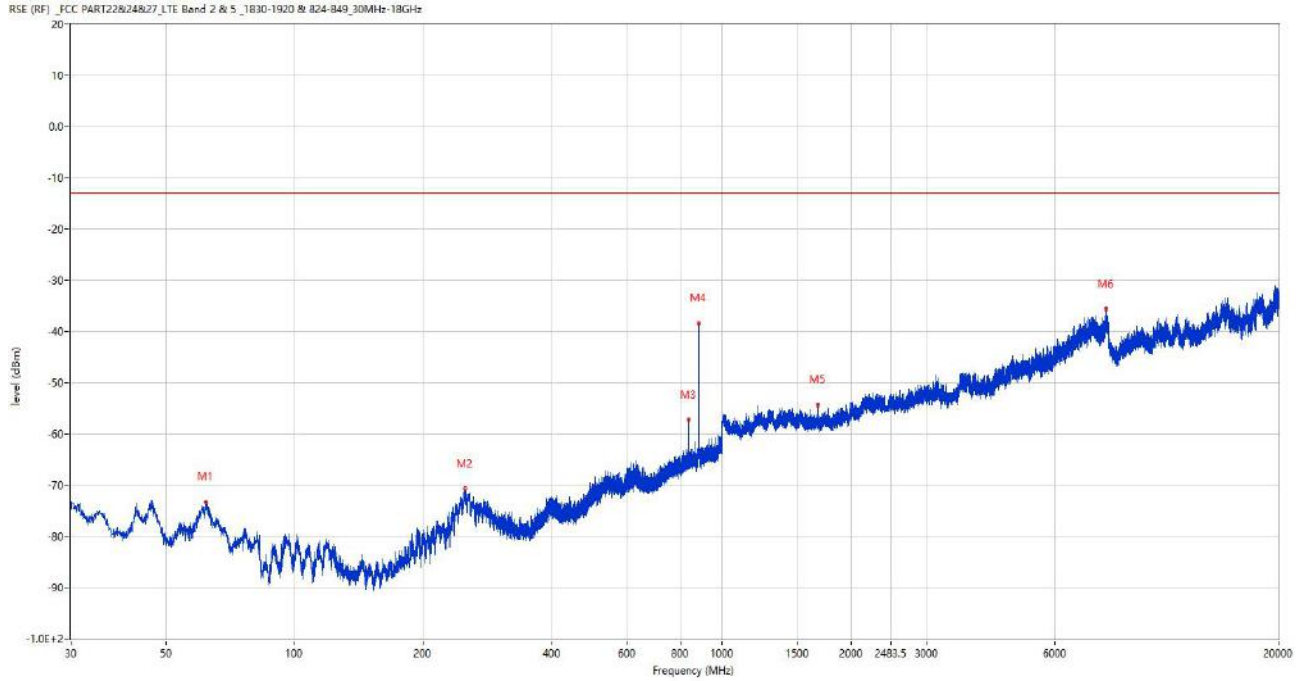


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
84.757	-77.37	-19.59	-13.0	64.37	12.00	Horizontal	Horizontal	Pass
248.977	-72.23	-14.23	-13.0	59.23	146.00	Horizontal	Horizontal	Pass
1702.400	-36.91	2.51	-13.0	23.91	109.00	Horizontal	Horizontal	N/A
2114.900	-43.97	3.98	-13.0	30.97	14.00	Horizontal	Horizontal	N/A
7920.750	-36.17	19.25	-13.0	23.17	319.00	Horizontal	Horizontal	Pass
14825.326	-32.99	24.36	-13.0	19.99	360.00	Horizontal	Horizontal	Pass

3.3 LTE Band 5

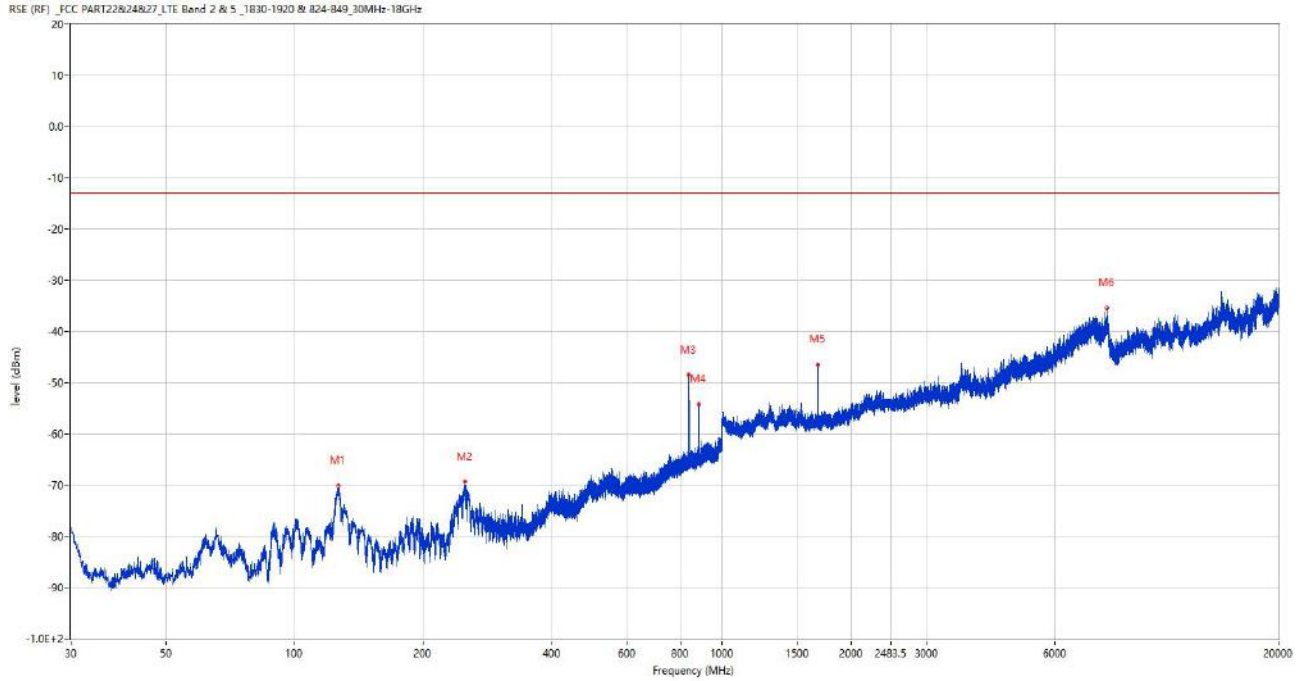
Band:LTE B5,Channel:Mid

range,BW1.4



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
61.962	-73.32	-15.16	-13.0	60.32	69.00	Vertical	Horizontal	Pass
250.772	-70.77	-12.05	-13.0	57.77	227.00	Vertical	Horizontal	Pass
836.555	-57.24	5.00	-13.0	44.24	66.00	Vertical	Horizontal	N/A
881.223	-38.38	5.08	-13.0	25.38	213.00	Vertical	Horizontal	N/A
1674.000	-54.35	-3.70	-13.0	41.35	9.00	Vertical	Horizontal	Pass
7905.000	-35.65	19.26	-13.0	22.65	102.00	Vertical	Horizontal	Pass

Band:LTE B5,Channel:Mid
range,BW1.4

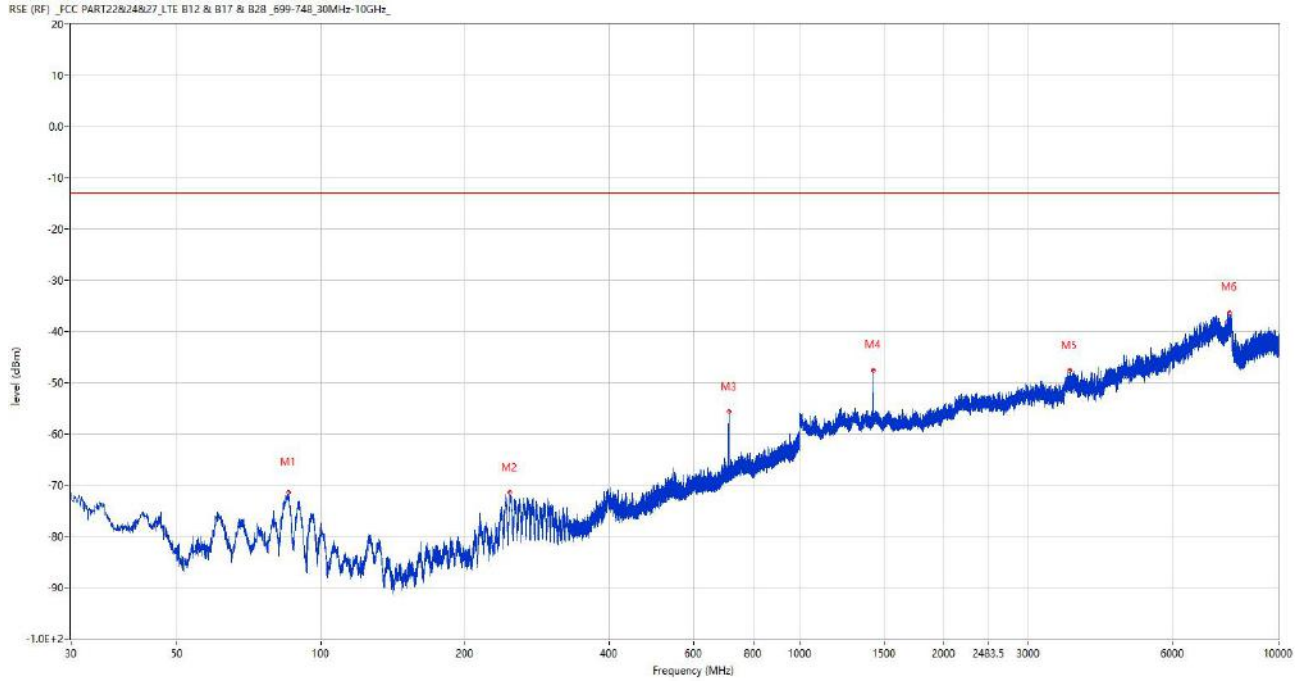


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
126.903	-70.15	-20.29	-13.0	57.15	357.00	Horizontal	Horizontal	Pass
250.820	-69.33	-12.05	-13.0	56.33	357.00	Horizontal	Horizontal	Pass
836.555	-48.51	5.00	-13.0	35.51	112.00	Horizontal	Horizontal	N/A
881.078	-54.28	5.09	-13.0	41.28	64.00	Horizontal	Horizontal	N/A
1674.000	-46.44	-3.70	-13.0	33.44	108.00	Horizontal	Horizontal	Pass
7955.000	-35.36	19.76	-13.0	22.36	350.00	Horizontal	Horizontal	Pass

3.4 LTE Band 12

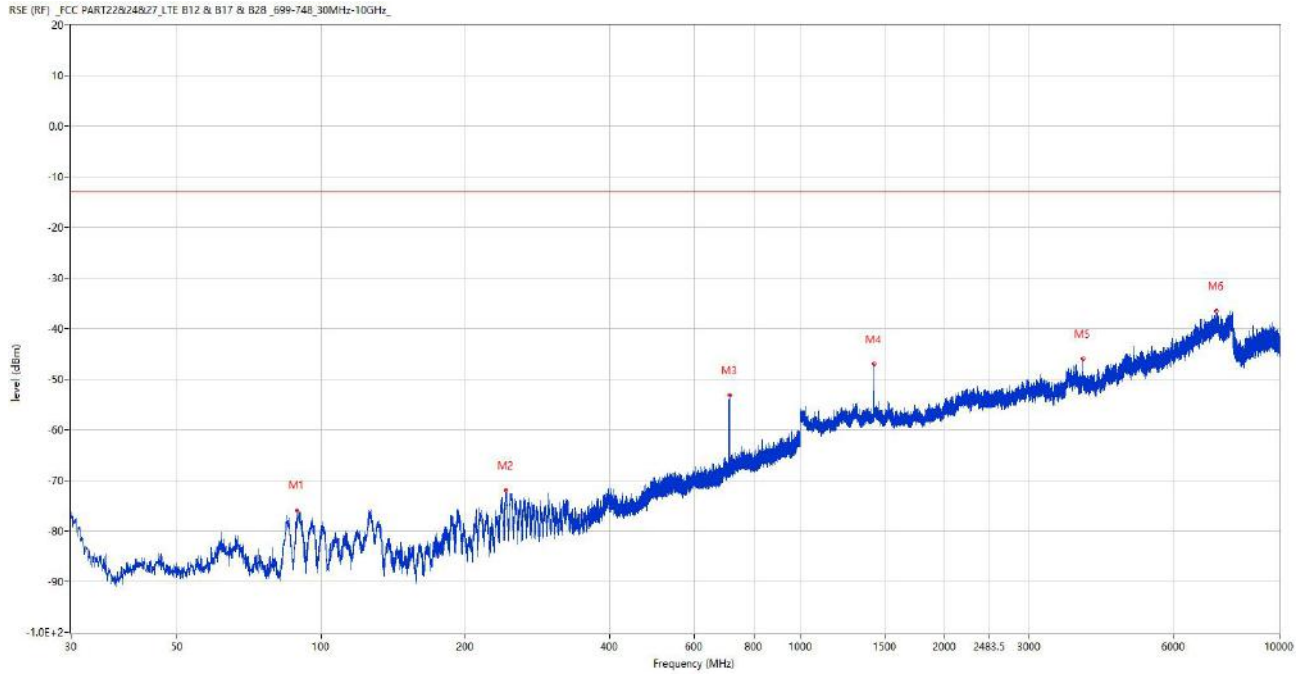
Band:LTE B12,Channel:High

range,BW10



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
85.678	-71.35	-18.43	-13.0	58.35	69.00	Vertical	Horizontal	Pass
248.056	-71.44	-12.06	-13.0	58.44	43.00	Vertical	Horizontal	Pass
711.134	-55.70	2.46	-13.0	42.70	24.00	Vertical	Horizontal	N/A
1423.000	-47.47	-3.12	-13.0	34.47	277.00	Vertical	Horizontal	Pass
3663.250	-47.51	8.28	-13.0	34.51	135.00	Vertical	Horizontal	Pass
7908.500	-36.27	19.32	-13.0	23.27	310.00	Vertical	Horizontal	Pass

Band:LTE B12,Channel:High
range,BW10



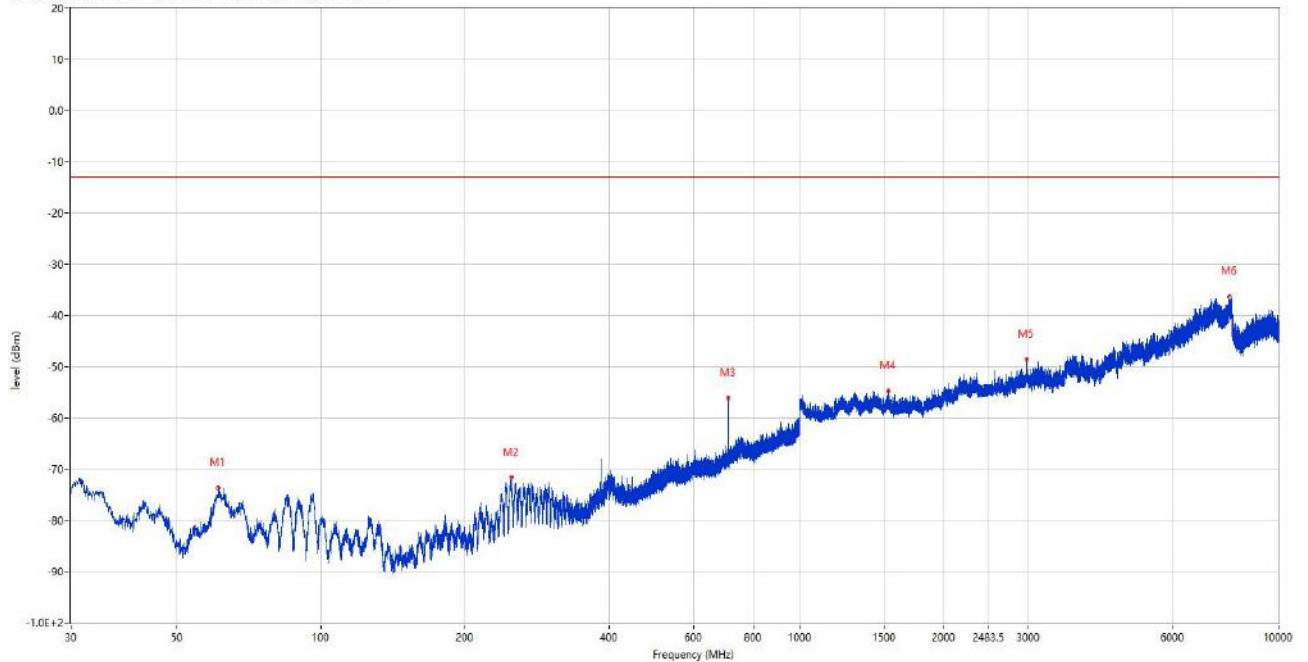
Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
88.879	-76.01	-18.51	-13.0	63.01	24.00	Horizontal	Horizontal	Pass
242.721	-71.97	-12.30	-13.0	58.97	0.00	Horizontal	Horizontal	Pass
711.134	-53.08	2.46	-13.0	40.08	222.00	Horizontal	Horizontal	N/A
1422.900	-47.09	-3.13	-13.0	34.09	129.00	Horizontal	Horizontal	Pass
3884.500	-45.94	8.71	-13.0	32.94	152.00	Horizontal	Horizontal	Pass
7398.250	-36.49	18.85	-13.0	23.49	340.00	Horizontal	Horizontal	Pass

3.5 LTE Band 17

Band:LTE B17,Channel:Low

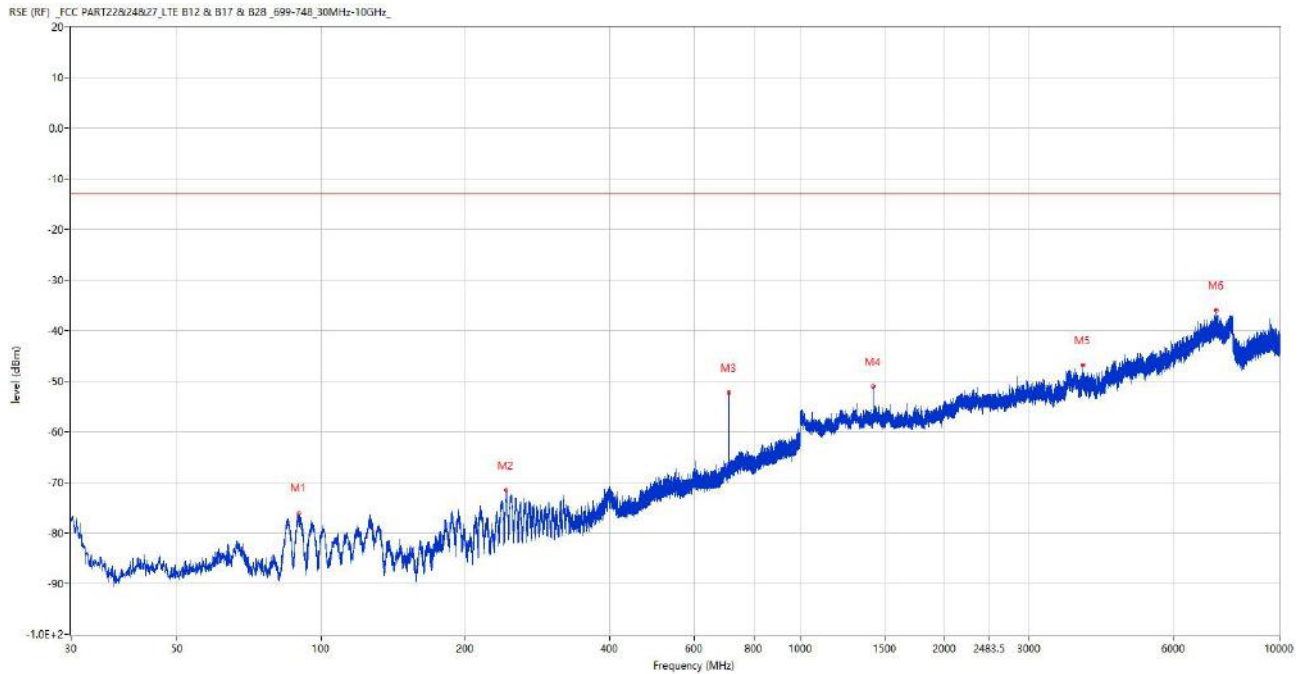
range,BW5

RSE (RF) _FCC PART229.24&27_LTE B12 & B17 & B28_699-748_30MHz-10GHz_



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
61.089	-73.65	-15.38	-13.0	60.65	213.00	Vertical	Horizontal	Pass
249.414	-71.66	-11.98	-13.0	58.66	213.00	Vertical	Horizontal	Pass
708.758	-56.11	2.35	-13.0	43.11	30.00	Vertical	Horizontal	N/A
1533.900	-54.72	-2.97	-13.0	41.72	6.00	Vertical	Horizontal	Pass
2978.400	-48.53	4.39	-13.0	35.53	179.00	Vertical	Horizontal	Pass
7902.750	-36.29	19.22	-13.0	23.29	4.00	Vertical	Horizontal	Pass

Band:LTE B17,Channel:Low
range,BW5

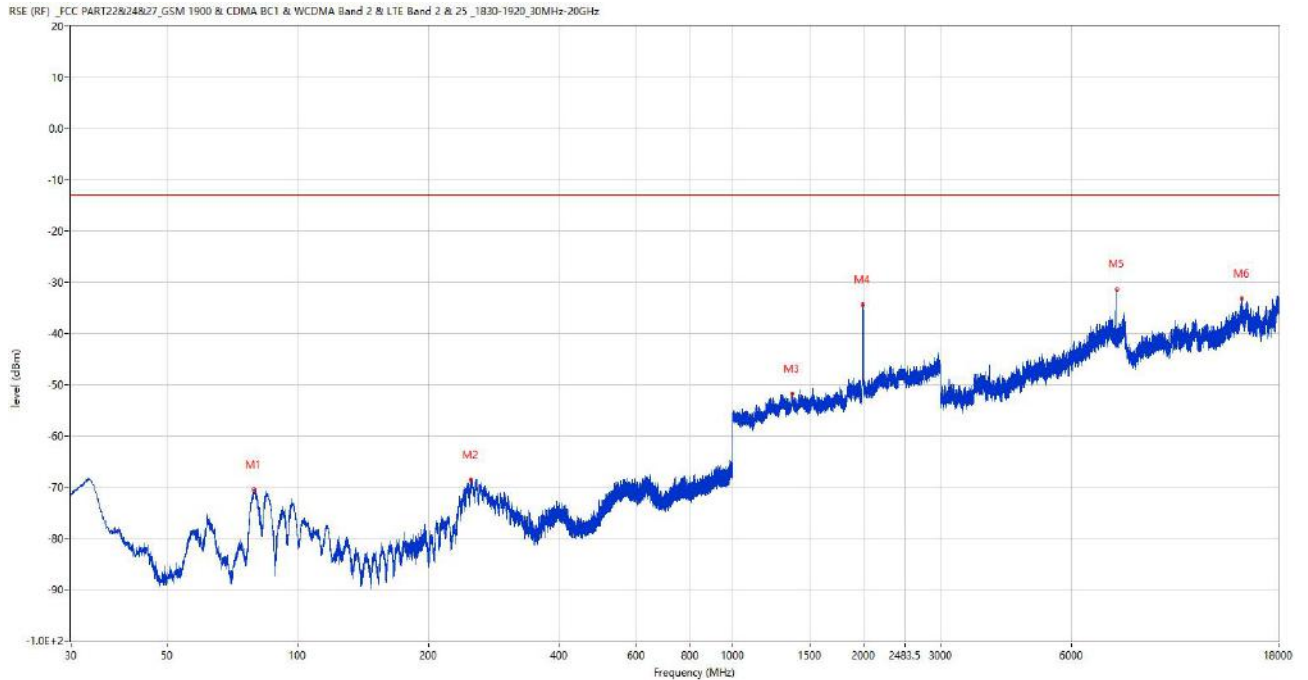


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
89.752	-76.14	-18.35	-13.0	63.14	35.00	Horizontal	Horizontal	Pass
243.400	-71.64	-12.28	-13.0	58.64	0.00	Horizontal	Horizontal	Pass
708.758	-52.35	2.35	-13.0	39.35	217.00	Horizontal	Horizontal	N/A
1418.100	-51.07	-3.39	-13.0	38.07	114.00	Horizontal	Horizontal	Pass
3891.250	-46.90	8.36	-13.0	33.90	250.00	Horizontal	Horizontal	Pass
7393.250	-36.01	18.62	-13.0	23.01	313.00	Horizontal	Horizontal	Pass

3.6 LTE Band 25

Band:LTE B25,Channel:High

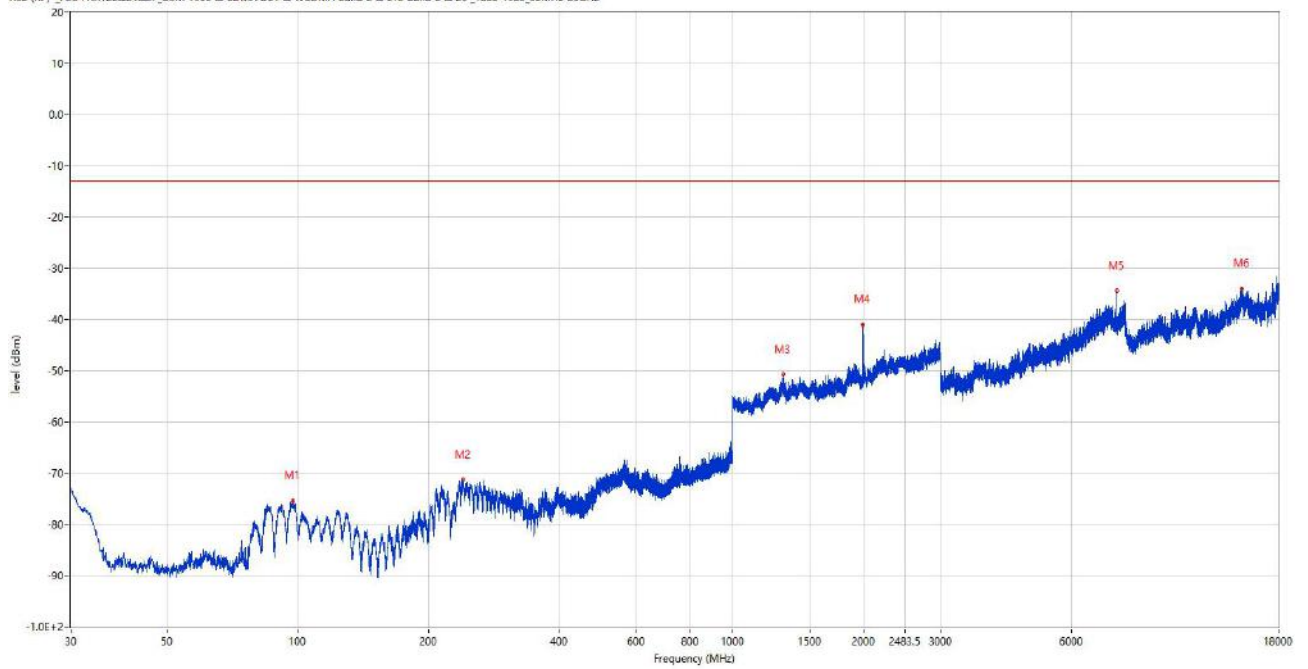
range,BW10



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
79.034	-70.57	-19.70	-13.0	57.57	64.00	Vertical	Horizontal	Pass
249.559	-68.63	-14.19	-13.0	55.63	203.00	Vertical	Horizontal	Pass
1368.600	-51.76	0.75	-13.0	38.76	309.00	Vertical	Horizontal	Pass
1988.800	-34.37	2.22	-13.0	21.37	273.00	Vertical	Horizontal	N/A
7640.500	-31.38	17.31	-13.0	18.38	245.00	Vertical	Horizontal	Pass
14815.400	-33.23	24.50	-13.0	20.23	169.00	Vertical	Horizontal	Pass

Band:LTE B25,Channel:High
range,BW10

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



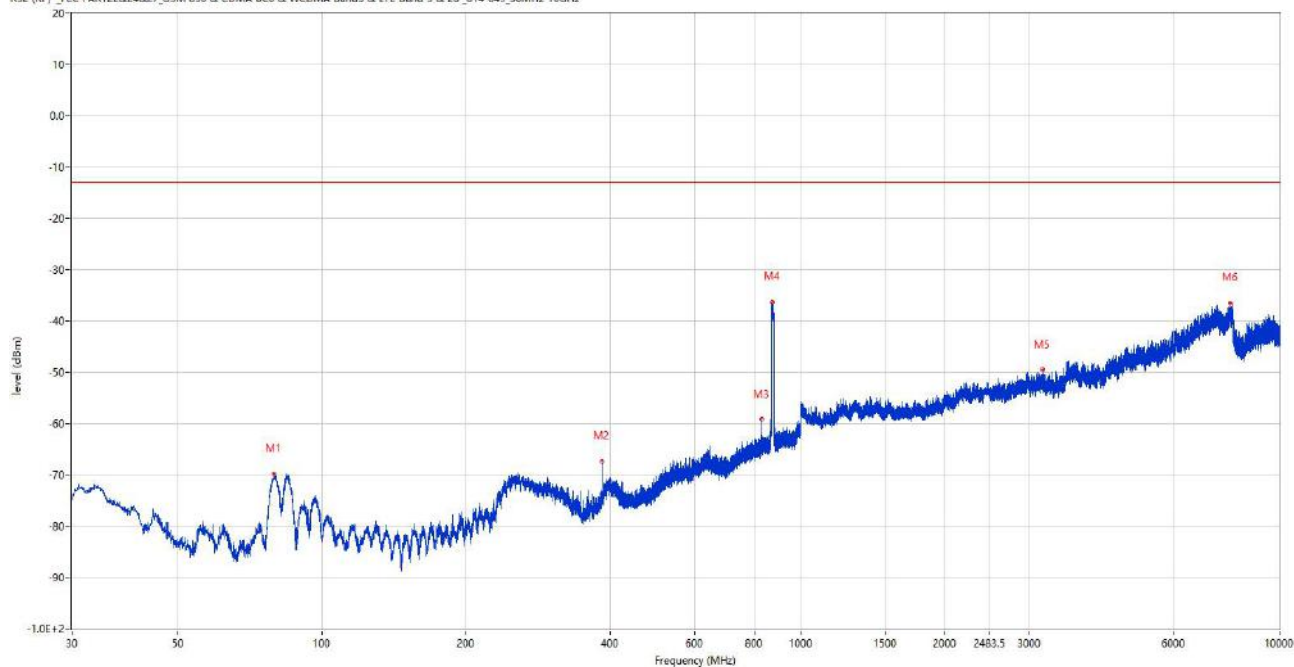
Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
97.367	-75.36	-18.75	-13.0	62.36	204.00	Horizontal	Horizontal	Pass
239.617	-71.29	-14.57	-13.0	58.29	165.00	Horizontal	Horizontal	Pass
1307.600	-50.67	0.88	-13.0	37.67	43.00	Horizontal	Horizontal	Pass
1991.200	-41.00	2.32	-13.0	28.00	121.00	Horizontal	Horizontal	N/A
7641.000	-34.47	17.32	-13.0	21.47	302.00	Horizontal	Horizontal	Pass
14816.000	-34.10	24.51	-13.0	21.10	263.00	Horizontal	Horizontal	Pass

3.7 LTE Band 26 (part 22)

Band:LTE B26,Channel:Low

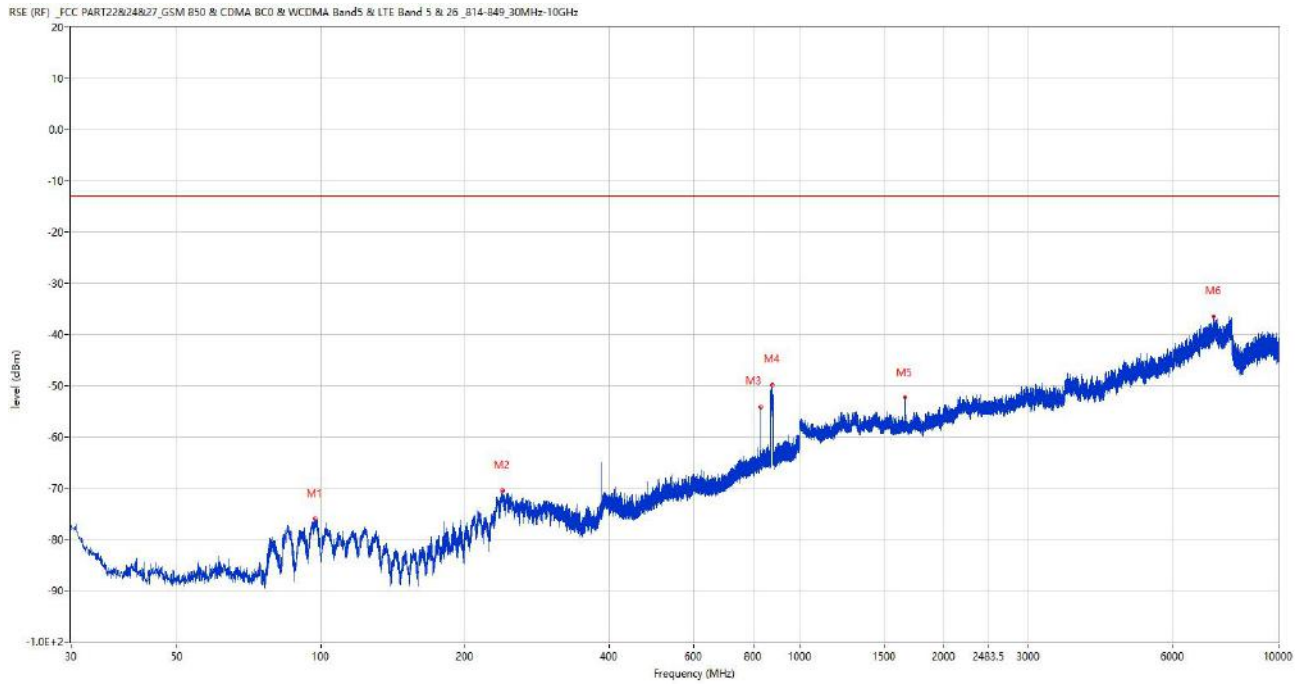
range,BW10

RSE (RF) _FCC PART22&24&27_GSM B50 & 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
79.228	-69.77	-18.45	-13.0	56.77	71.00	Vertical	Horizontal	Pass
384.002	-67.32	-6.74	-13.0	54.32	71.00	Vertical	Horizontal	Pass
829.183	-59.04	5.51	-13.0	46.04	210.00	Vertical	Horizontal	N/A
873.463	-36.26	5.64	-13.0	23.26	194.00	Vertical	Horizontal	N/A
3200.250	-49.50	5.03	-13.0	36.50	277.00	Vertical	Horizontal	Pass
7896.250	-36.49	19.08	-13.0	23.49	90.00	Vertical	Horizontal	Pass

Band:LTE B26,Channel:Low
range,BW10

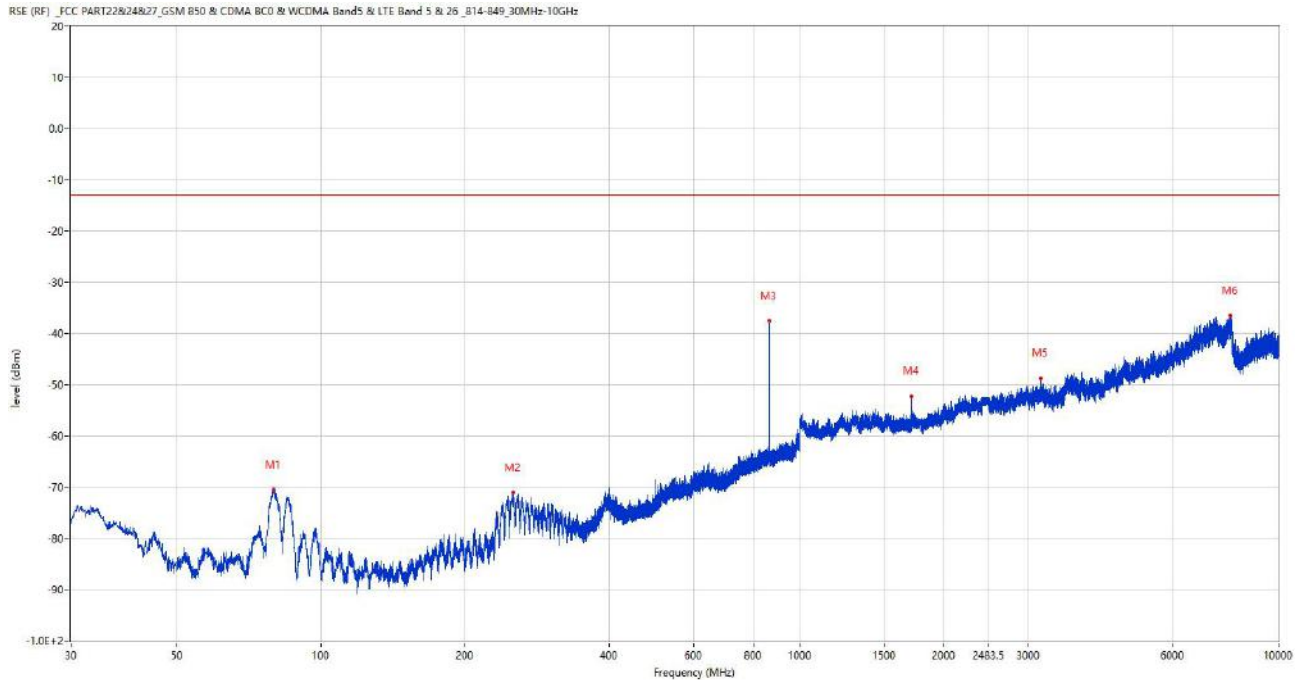


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
97.076	-76.02	-17.32	-13.0	63.02	11.00	Horizontal	Horizontal	Pass
238.938	-70.47	-12.17	-13.0	57.47	4.00	Horizontal	Horizontal	Pass
829.135	-54.13	5.51	-13.0	41.13	54.00	Horizontal	Horizontal	N/A
877.877	-49.81	5.97	-13.0	36.81	233.00	Horizontal	Horizontal	N/A
1659.100	-52.30	-3.67	-13.0	39.30	35.00	Horizontal	Horizontal	Pass
7316.500	-36.47	17.70	-13.0	23.47	0.00	Horizontal	Horizontal	Pass

3.8 LTE Band 26 (part 90)

Band:LTE B26,Channel:Mid

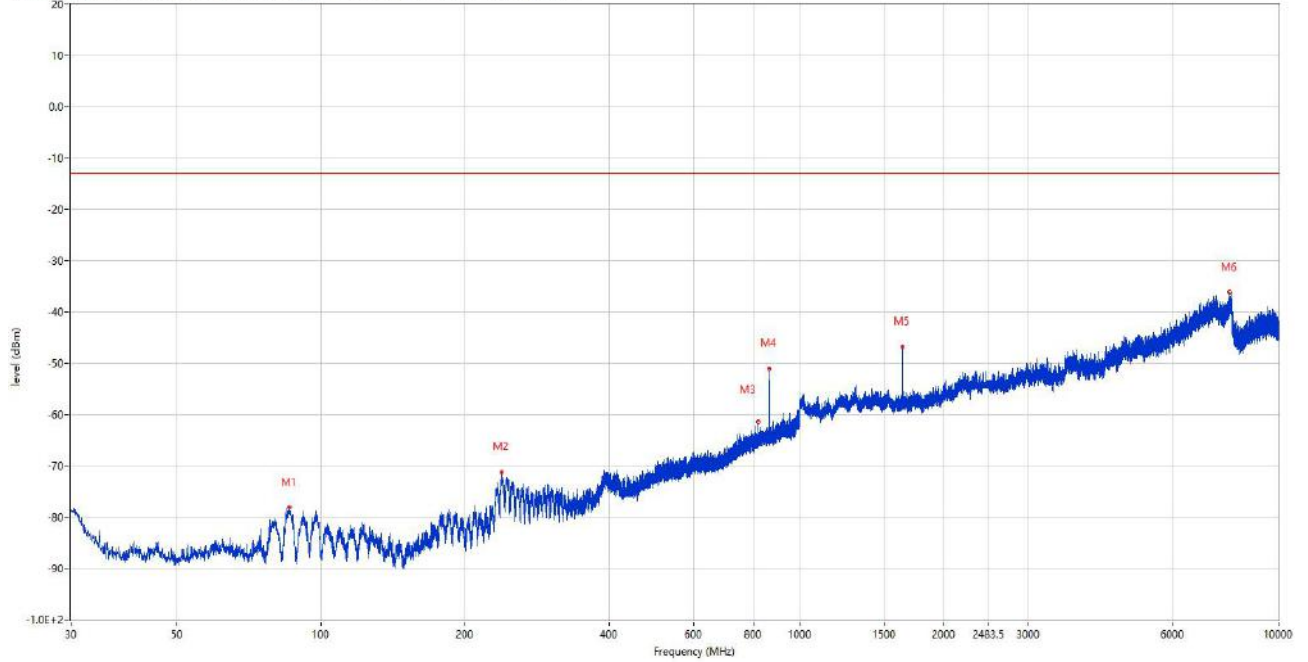
range,BW1.4



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
79.761	-70.56	-18.50	-13.0	57.56	47.00	Vertical	Horizontal	Pass
251.742	-71.08	-11.64	-13.0	58.08	138.00	Vertical	Horizontal	Pass
863.909	-37.58	5.58	-13.0	24.58	315.00	Vertical	Horizontal	N/A
1713.400	-52.19	-3.95	-13.0	39.19	311.00	Vertical	Horizontal	Pass
3189.750	-48.84	5.17	-13.0	35.84	208.00	Vertical	Horizontal	Pass
7926.250	-36.57	19.17	-13.0	23.57	360.00	Vertical	Horizontal	Pass

Band:LTE B26,Channel:Mid
range,BW1.4

RSE (RF) _FCC PART22&24&27_GSM B50 & CDMA BC0 & WCDMA Band5 & LTE Band 5 & 26 _814-849_30MHz-10GHz



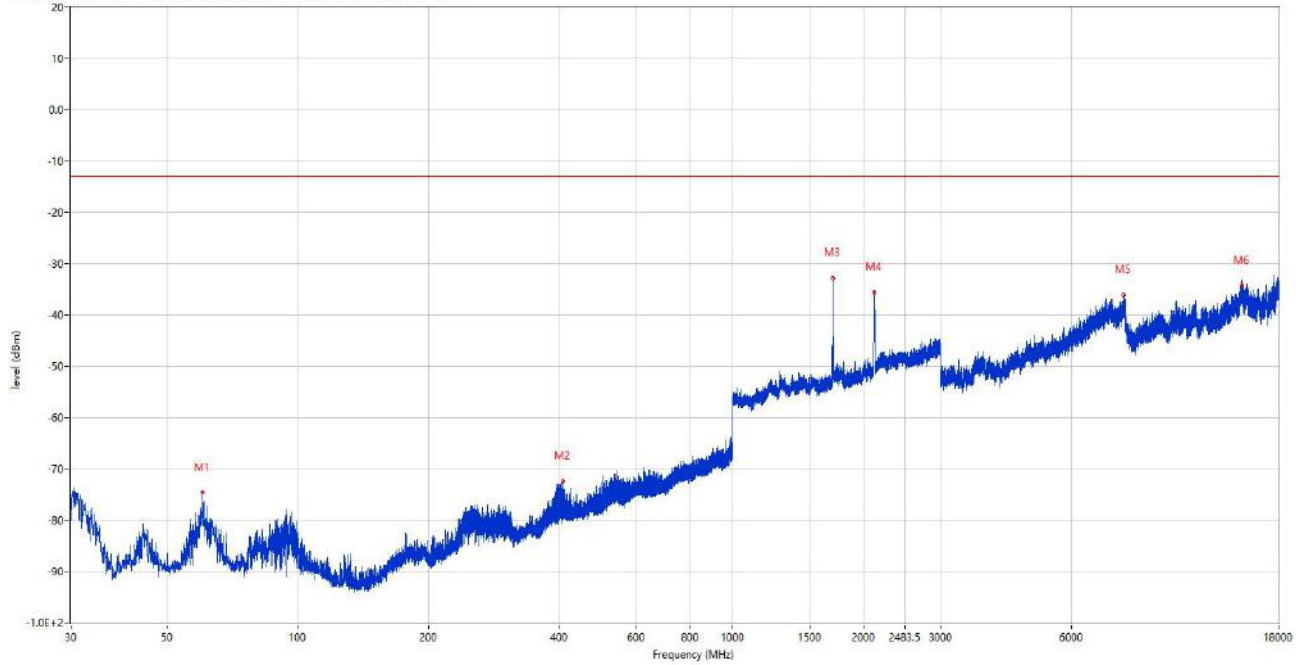
Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
85.775	-78.12	-18.30	-13.0	65.12	0.00	Horizontal	Horizontal	Pass
238.404	-71.19	-12.16	-13.0	58.19	0.00	Horizontal	Horizontal	Pass
819.047	-61.45	5.23	-13.0	48.45	46.00	Horizontal	Horizontal	N/A
863.666	-51.01	5.58	-13.0	38.01	220.00	Horizontal	Horizontal	N/A
1639.200	-47.50	-3.69	-13.0	34.50	322.00	Horizontal	Horizontal	Pass
7906.250	-36.21	19.28	-13.0	23.21	256.00	Horizontal	Horizontal	Pass

3.9 LTE Band 66

Band:LTE B66,Channel:Low

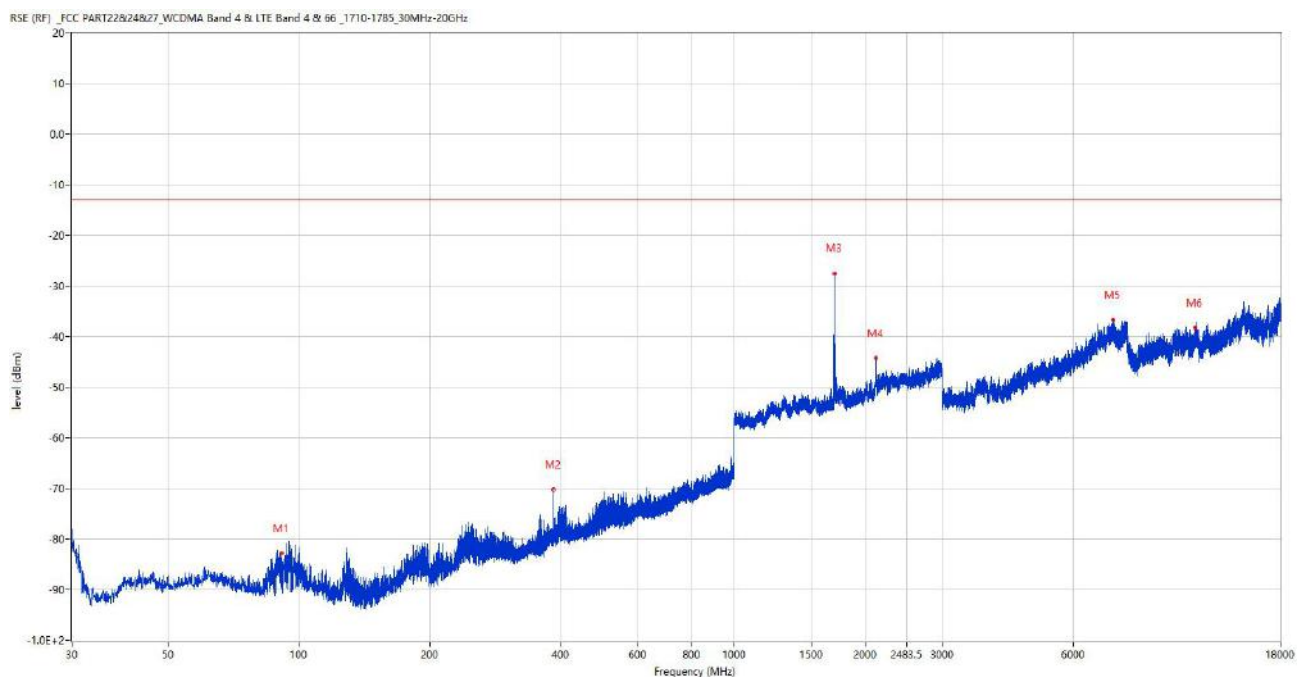
range,BW10

RSE (RF) _FCC PART228/24827_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
60.215	-74.58	-16.59	-13.0	61.58	99.00	Vertical	Horizontal	Pass
407.039	-72.42	-9.51	-13.0	59.42	4.00	Vertical	Horizontal	Pass
1698.300	-32.79	2.26	-13.0	19.79	55.00	Vertical	Horizontal	N/A
2112.000	-35.57	3.96	-13.0	22.57	240.00	Vertical	Horizontal	N/A
7912.250	-36.17	19.33	-13.0	23.17	246.00	Vertical	Horizontal	Pass
14824.537	-34.15	24.39	-13.0	21.15	11.00	Vertical	Horizontal	Pass

Band:LTE B66,Channel:Low
range,BW10

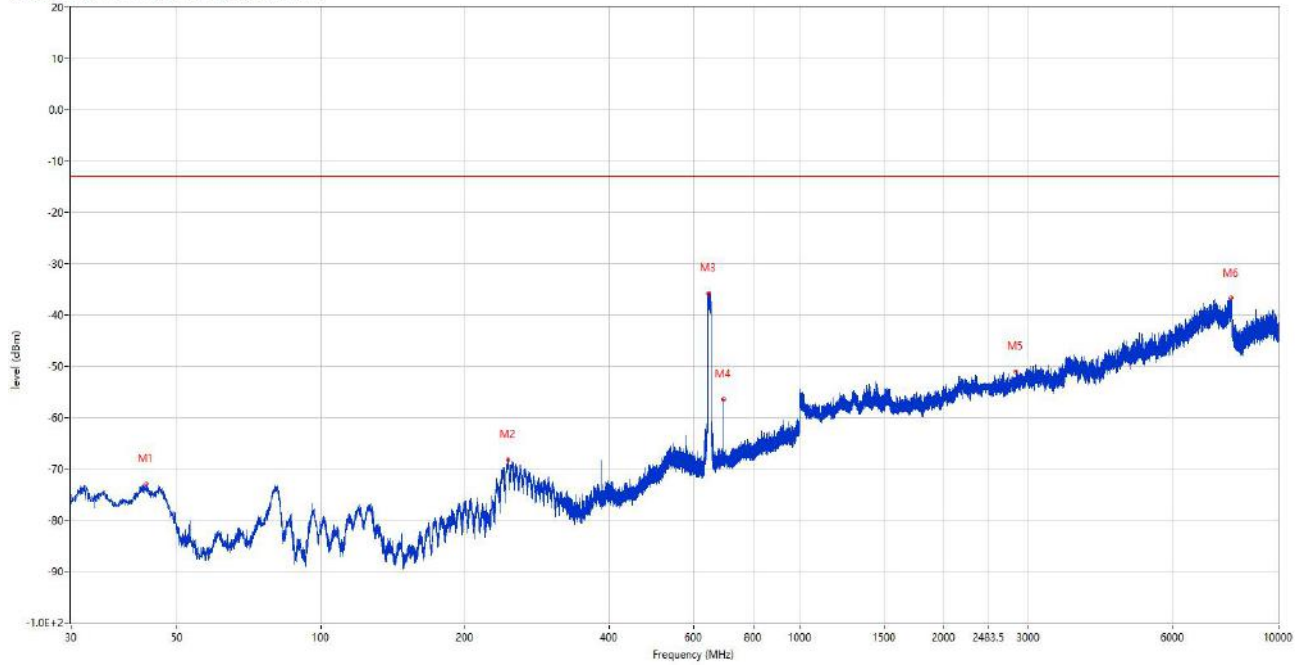


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
91.110	-82.88	-19.30	-13.0	69.88	349.00	Horizontal	Horizontal	Pass
384.002	-70.26	-9.96	-13.0	57.26	349.00	Horizontal	Horizontal	Pass
1700.300	-27.46	2.53	-13.0	14.46	355.00	Horizontal	Horizontal	N/A
2113.700	-44.24	3.97	-13.0	31.24	360.00	Horizontal	Horizontal	N/A
7409.000	-36.69	19.10	-13.0	23.69	202.00	Horizontal	Horizontal	Pass
11467.975	-38.28	17.29	-13.0	25.28	0.00	Horizontal	Horizontal	Pass

3.10 LTE Band 71

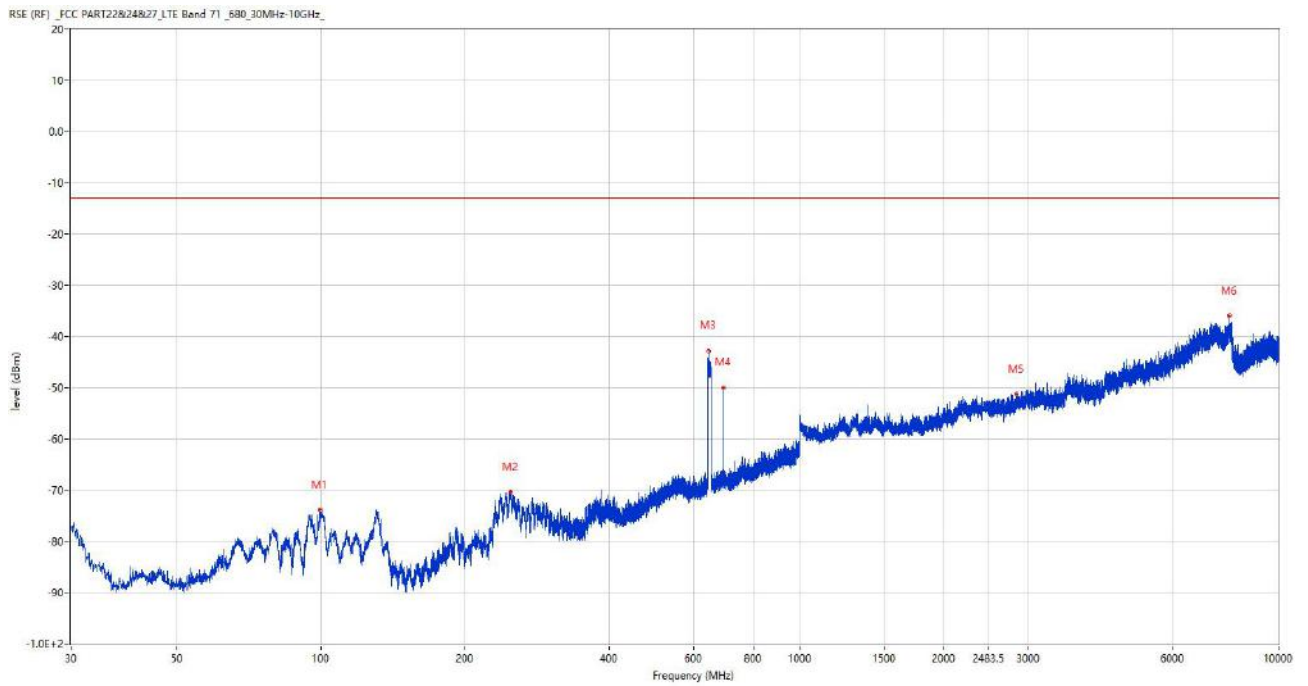
Band:LTE B71,Channel:High
range,BW10

RSE (RF) _FCC PART228/24827_LTE Band 71 _680_30MHz-10GHz_



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
43.095	-72.96	-16.73	-13.0	59.96	345.00	Vertical	Horizontal	Pass
245.534	-68.18	-12.31	-13.0	55.18	0.00	Vertical	Horizontal	Pass
643.961	-35.72	0.48	-13.0	22.72	144.00	Vertical	Horizontal	N/A
693.092	-56.53	2.46	-13.0	43.53	292.00	Vertical	Horizontal	N/A
2829.800	-51.11	2.85	-13.0	38.11	228.00	Vertical	Horizontal	Pass
7977.250	-36.74	19.84	-13.0	23.74	98.00	Vertical	Horizontal	Pass

Band:LTE B71,Channel:High
range,BW10



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
99.501	-73.85	-17.51	-13.0	60.85	4.00	Horizontal	Horizontal	Pass
248.832	-70.42	-12.04	-13.0	57.42	67.00	Horizontal	Horizontal	Pass
644.204	-42.77	0.49	-13.0	29.77	260.00	Horizontal	Horizontal	N/A
693.092	-50.05	2.46	-13.0	37.05	122.00	Horizontal	Horizontal	N/A
2843.400	-51.28	2.89	-13.0	38.28	292.00	Horizontal	Horizontal	Pass
7890.500	-36.03	18.95	-13.0	23.03	178.00	Horizontal	Horizontal	Pass