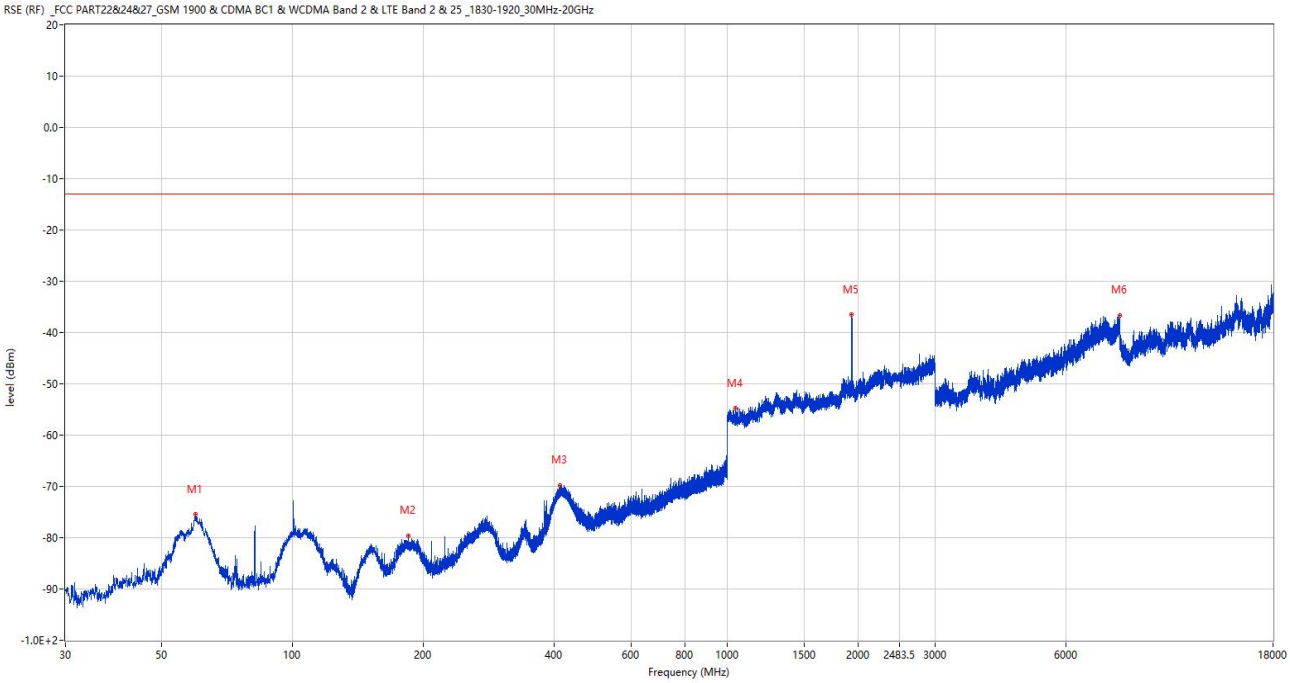
A.7 Field Strength of Spurious Radiation

1. WCDMA

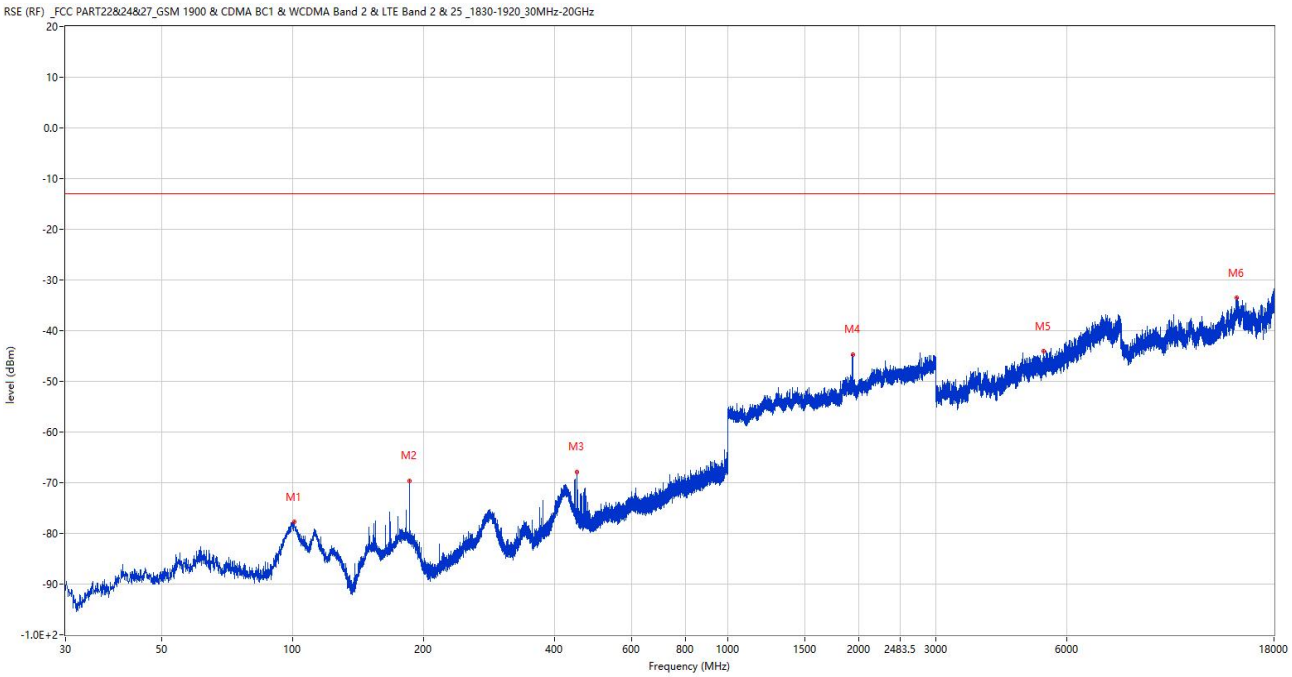
1.1 WCDMA Band 2

Band:WCDMA B2,Channel:Low Range



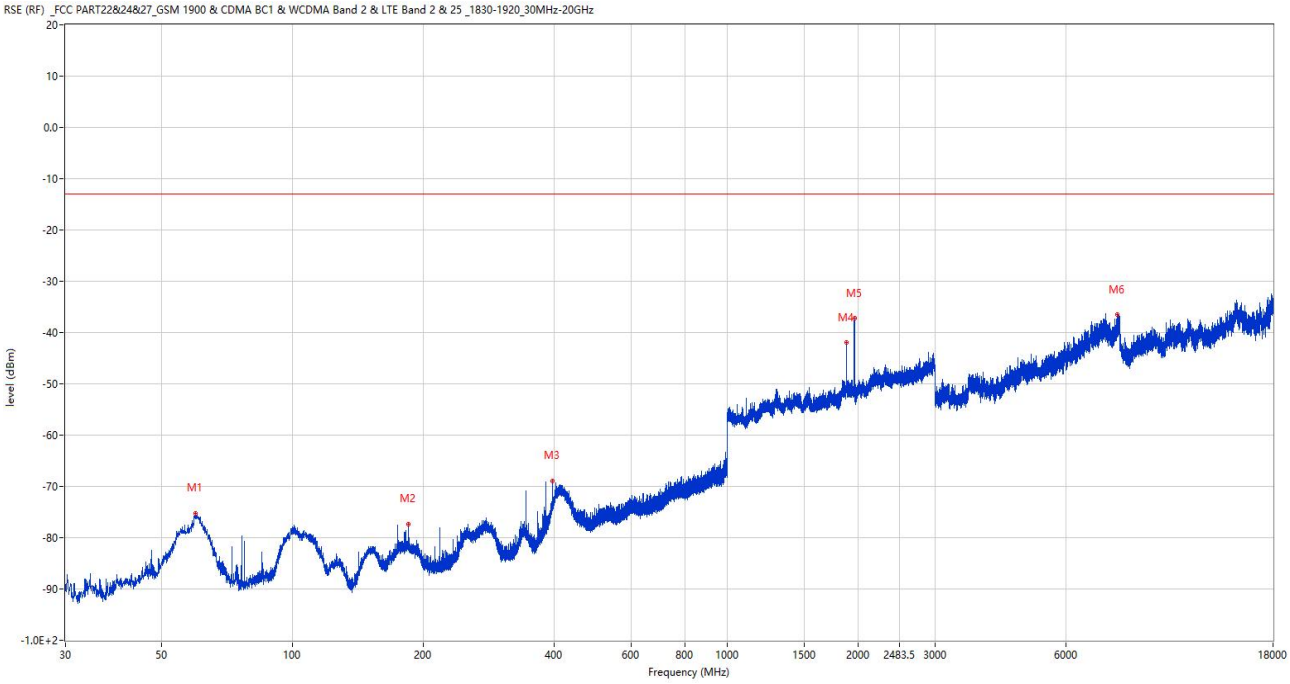
Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
59.633	-75.49	-16.80	-13.0	62.49	118.00	Vertical	Horizontal	Pass
184.327	-79.57	-17.93	-13.0	66.57	175.00	Vertical	Horizontal	Pass
412.616	-69.77	-9.43	-13.0	56.77	200.00	Vertical	Horizontal	Pass
1044.900	-54.79	-2.14	-13.0	41.79	71.00	Vertical	Horizontal	Pass
1931.700	-36.49	3.41	-13.0	23.49	0.00	Vertical	Horizontal	N/A
7984.250	-36.65	19.88	-13.0	23.65	168.00	Vertical	Horizontal	Pass

Band:WCDMA B2,Channel:Low Range



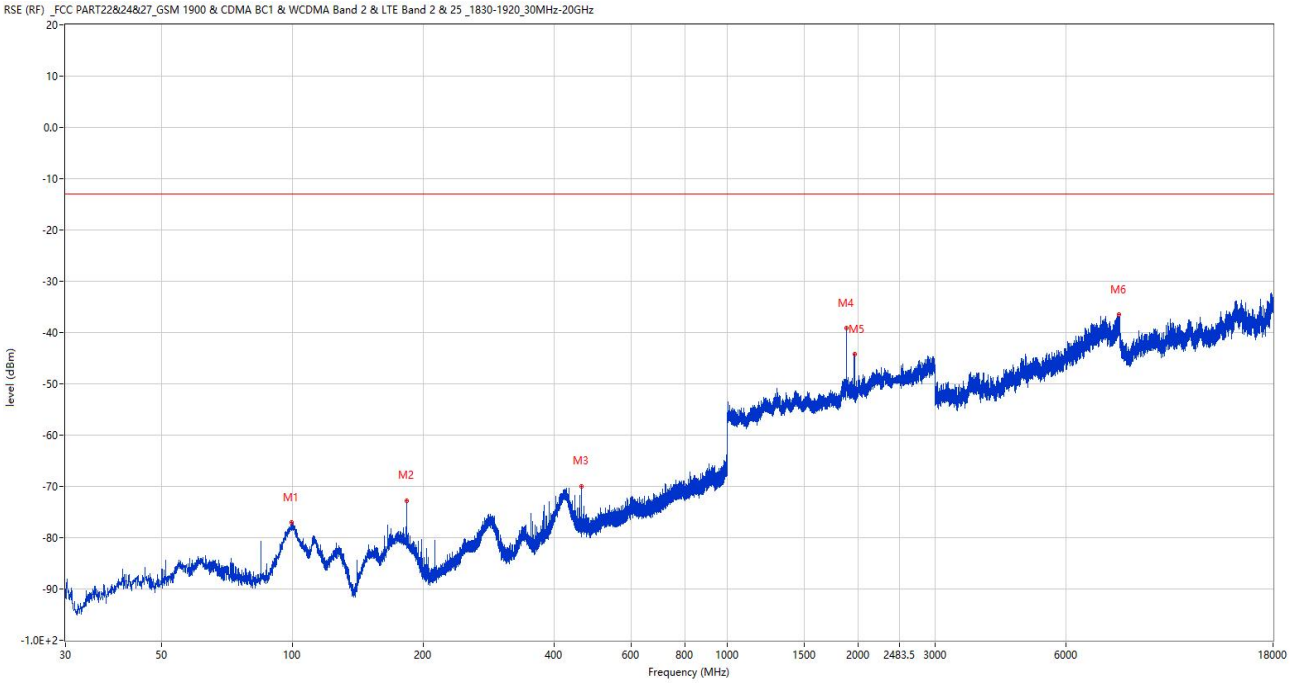
Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
100.858	-77.79	-18.85	-13.0	64.79	243.00	Horizontal	Horizontal	Pass
185.103	-69.65	-17.90	-13.0	56.65	275.00	Horizontal	Horizontal	Pass
449.331	-67.84	-9.08	-13.0	54.84	263.00	Horizontal	Horizontal	Pass
1933.700	-44.67	3.29	-13.0	31.67	128.00	Horizontal	Horizontal	N/A
5326.500	-44.06	10.87	-13.0	31.06	336.00	Horizontal	Horizontal	Pass
14770.400	-33.57	23.59	-13.0	20.57	360.00	Horizontal	Horizontal	Pass

Band:WCDMA B2,Channel:Mid Range



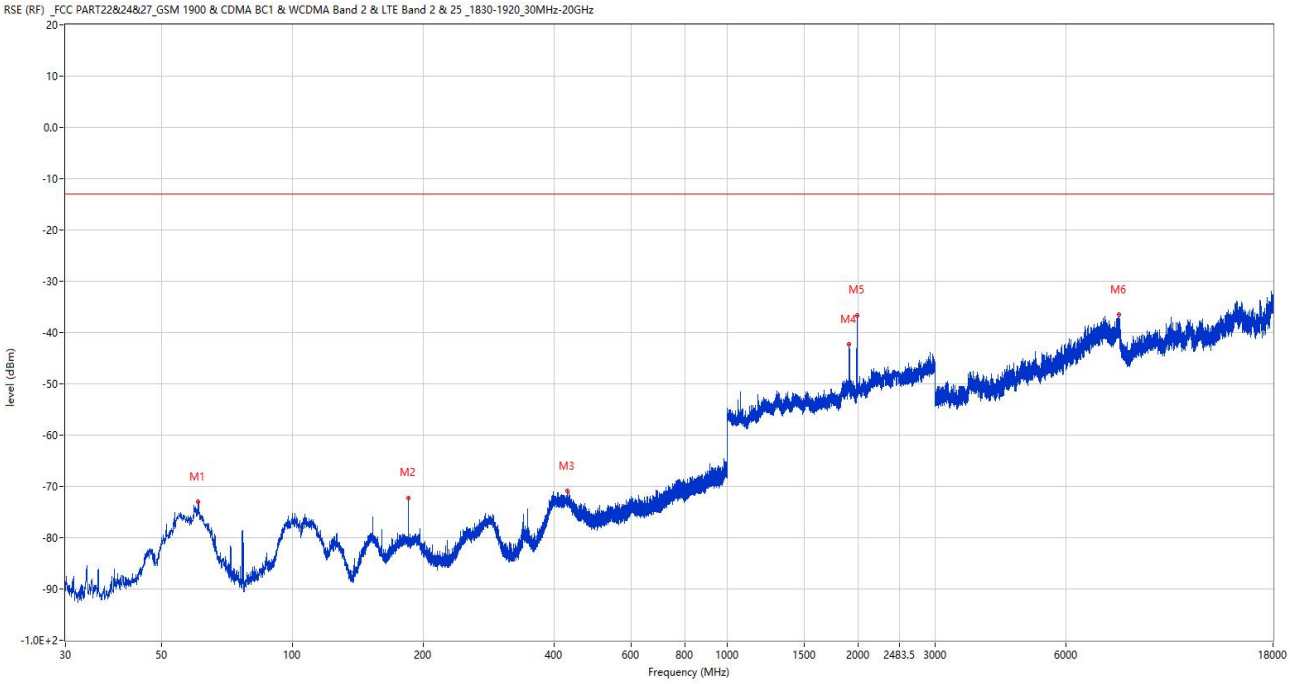
Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
59.828	-75.23	-16.72	-13.0	62.23	143.00	Vertical	Horizontal	Pass
184.521	-77.31	-17.92	-13.0	64.31	77.00	Vertical	Horizontal	Pass
395.254	-68.92	-9.88	-13.0	55.92	329.00	Vertical	Horizontal	Pass
1881.500	-41.96	3.42	-13.0	28.96	304.00	Vertical	Horizontal	N/A
1959.700	-37.25	2.91	-13.0	24.25	14.00	Vertical	Horizontal	N/A
7890.000	-36.55	18.93	-13.0	23.55	324.00	Vertical	Horizontal	Pass

Band:WCDMA B2,Channel:Mid Range



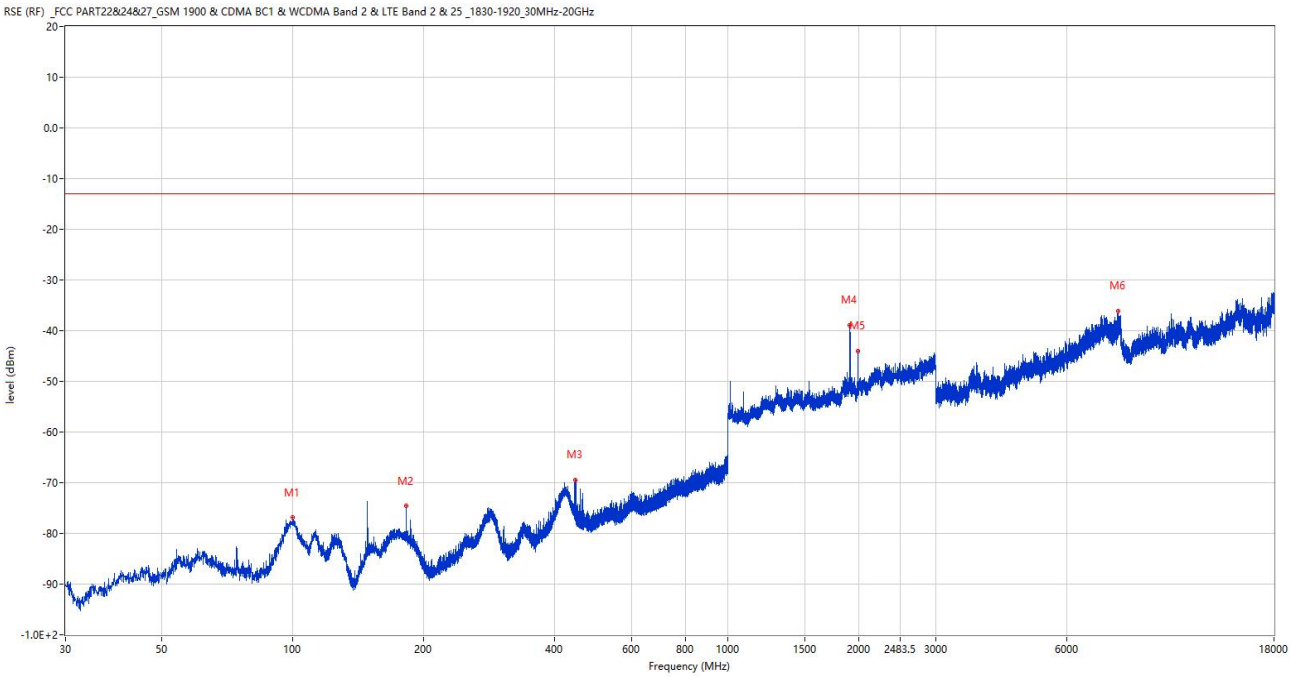
Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
99.452	-77.02	-18.80	-13.0	64.02	226.00	Horizontal	Horizontal	Pass
183.114	-72.75	-17.96	-13.0	59.75	210.00	Horizontal	Horizontal	Pass
461.359	-69.91	-8.73	-13.0	56.91	251.00	Horizontal	Horizontal	Pass
1881.000	-39.18	3.42	-13.0	26.18	335.00	Horizontal	Horizontal	N/A
1959.200	-44.25	2.90	-13.0	31.25	170.00	Horizontal	Horizontal	N/A
7946.000	-36.57	19.58	-13.0	23.57	271.00	Horizontal	Horizontal	Pass

Band:WCDMA B2,Channel:High Range



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
60.652	-73.00	-16.47	-13.0	60.00	190.00	Vertical	Horizontal	Pass
184.715	-72.25	-17.92	-13.0	59.25	210.00	Vertical	Horizontal	Pass
428.815	-70.93	-9.30	-13.0	57.93	66.00	Vertical	Horizontal	Pass
1907.600	-44.41	3.52	-13.0	31.41	126.00	Vertical	Horizontal	N/A
1987.600	-36.66	2.19	-13.0	23.66	0.00	Vertical	Horizontal	N/A
7950.750	-36.52	19.73	-13.0	23.52	336.00	Vertical	Horizontal	Pass

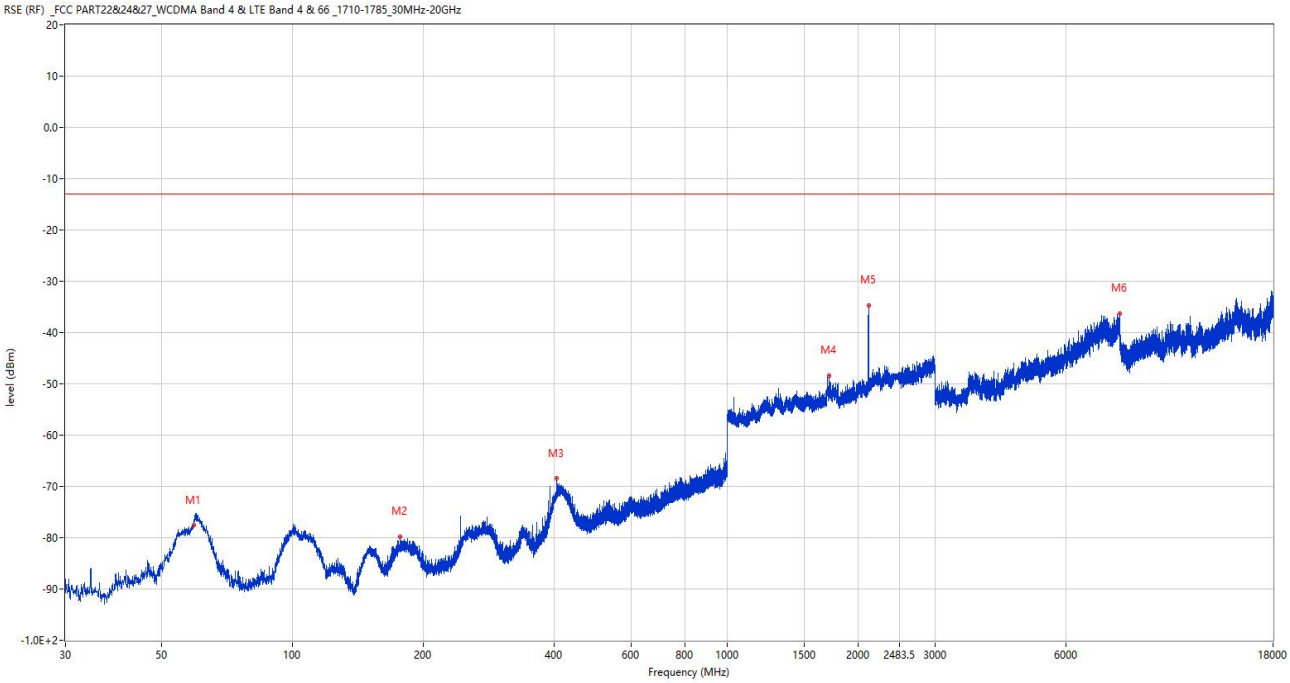
Band:WCDMA B2,Channel:High Range



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
99.791	-76.87	-18.84	-13.0	63.87	214.00	Horizontal	Horizontal	Pass
181.999	-74.62	-17.99	-13.0	61.62	88.00	Horizontal	Horizontal	Pass
446.566	-69.45	-9.01	-13.0	56.45	101.00	Horizontal	Horizontal	Pass
1907.600	-38.97	3.52	-13.0	25.97	334.00	Horizontal	Horizontal	N/A
1987.000	-44.00	2.17	-13.0	31.00	121.00	Horizontal	Horizontal	N/A
7892.000	-36.14	18.98	-13.0	23.14	193.00	Horizontal	Horizontal	Pass

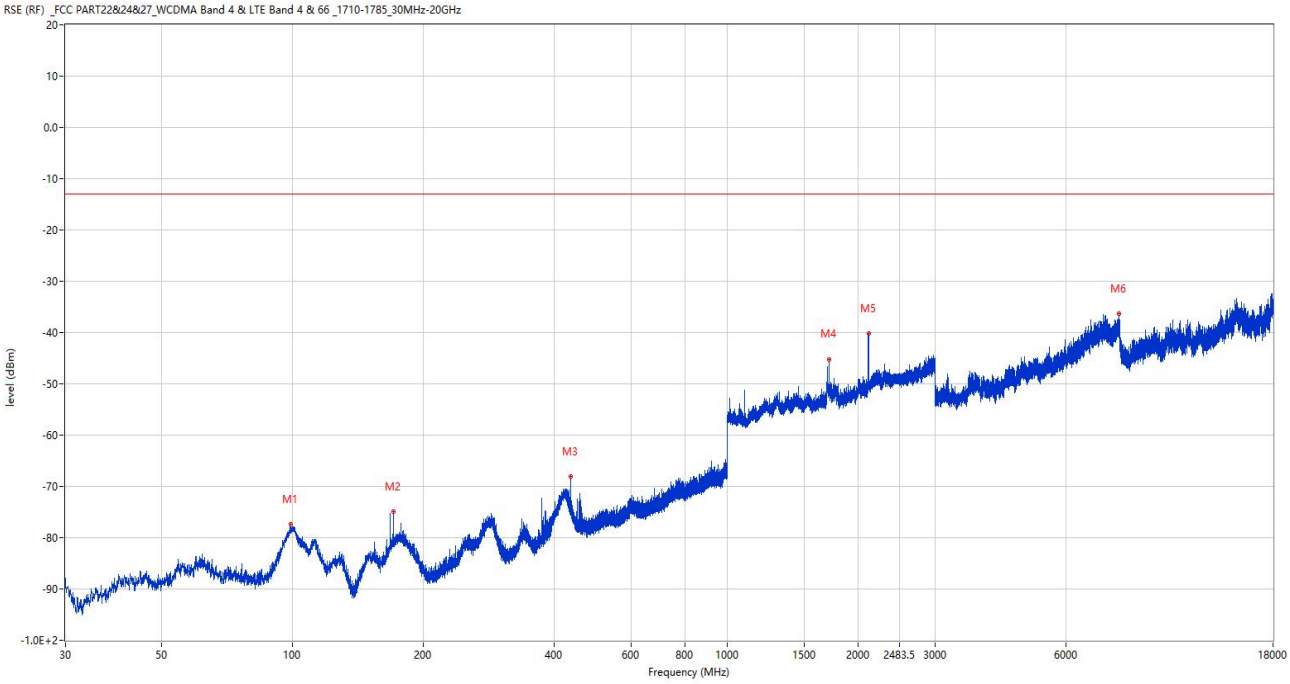
1.2 WCDMA Band 4

Band:WCDMA B4,Channel:Low Range



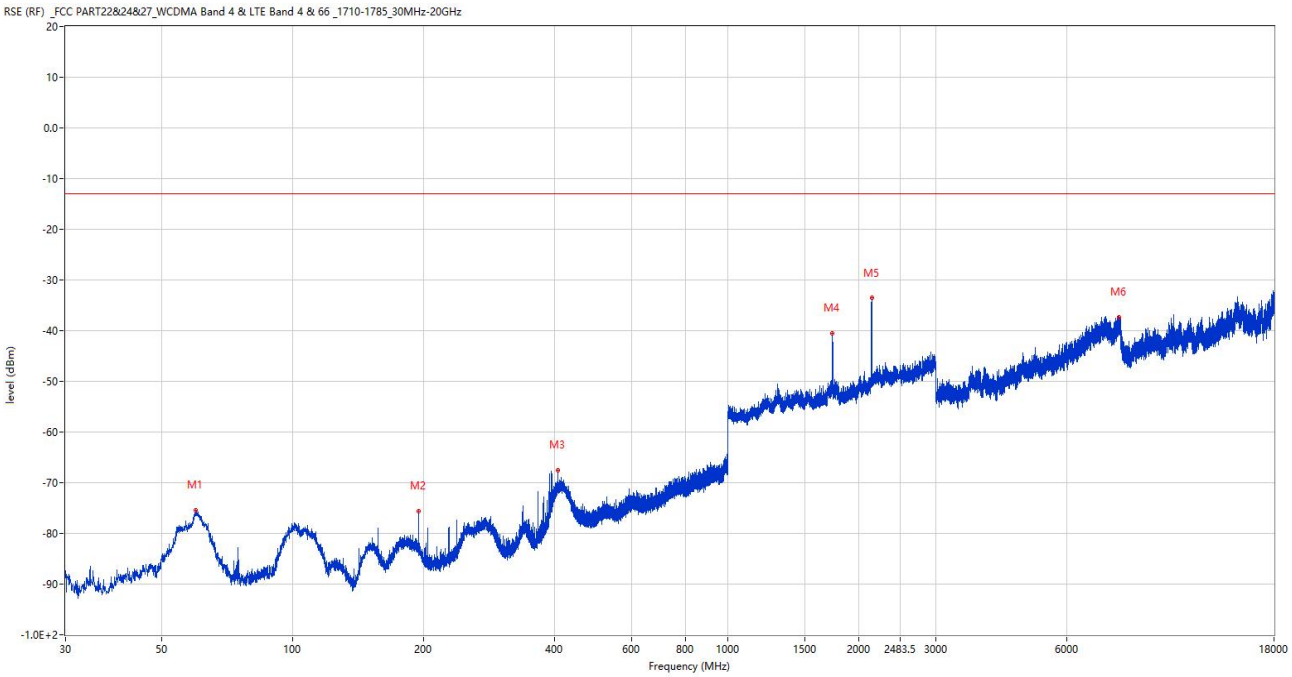
Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
59.197	-77.54	-16.98	-13.0	64.54	355.00	Vertical	Horizontal	Pass
176.906	-79.86	-18.30	-13.0	66.86	184.00	Vertical	Horizontal	Pass
405.050	-68.45	-9.58	-13.0	55.45	193.00	Vertical	Horizontal	Pass
1713.000	-48.37	2.49	-13.0	35.37	295.00	Vertical	Horizontal	N/A
2111.800	-34.71	3.96	-13.0	21.71	1.00	Vertical	Horizontal	N/A

Band:WCDMA B4,Channel:Low Range



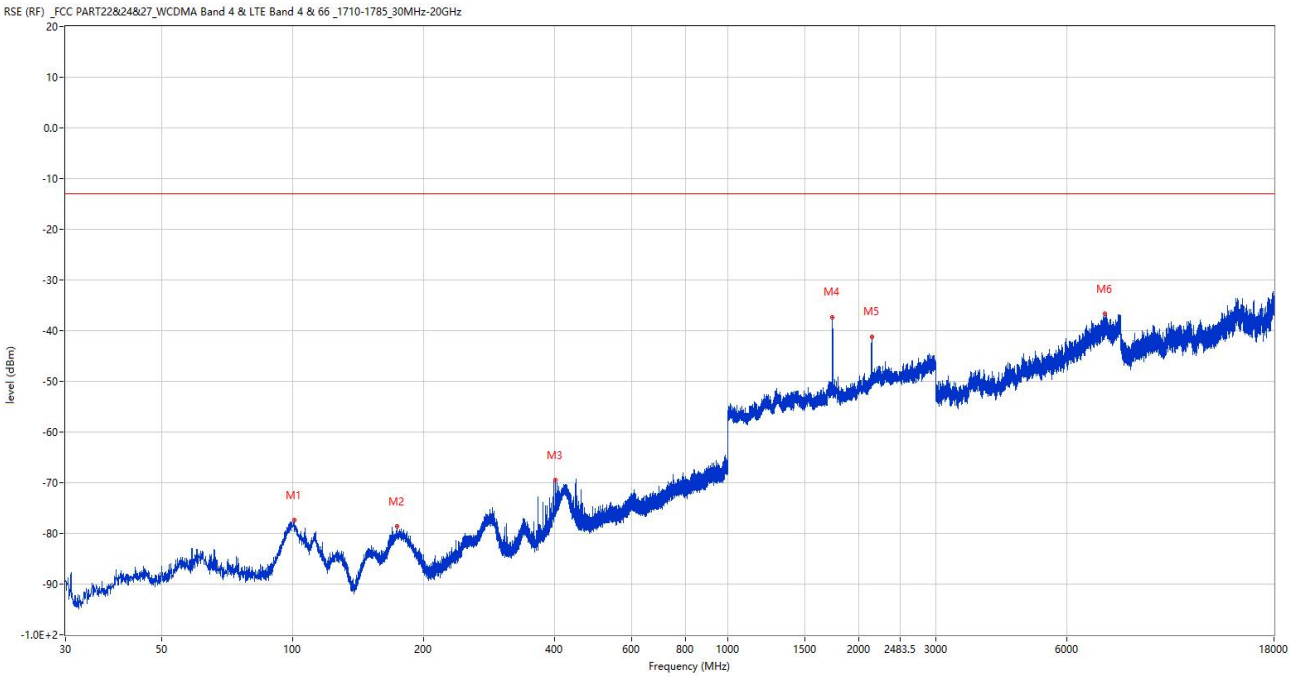
Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
98.919	-77.39	-18.73	-13.0	64.39	225.00	Horizontal	Horizontal	Pass
170.553	-74.99	-18.95	-13.0	61.99	293.00	Horizontal	Horizontal	Pass
435.460	-68.08	-9.06	-13.0	55.08	50.00	Horizontal	Horizontal	Pass
1713.100	-45.29	2.50	-13.0	32.29	12.00	Horizontal	Horizontal	N/A
2110.900	-40.18	3.96	-13.0	27.18	97.00	Horizontal	Horizontal	N/A
7965.250	-36.34	19.79	-13.0	23.34	358.00	Horizontal	Horizontal	Pass

Band:WCDMA B4,Channel:Mid Range



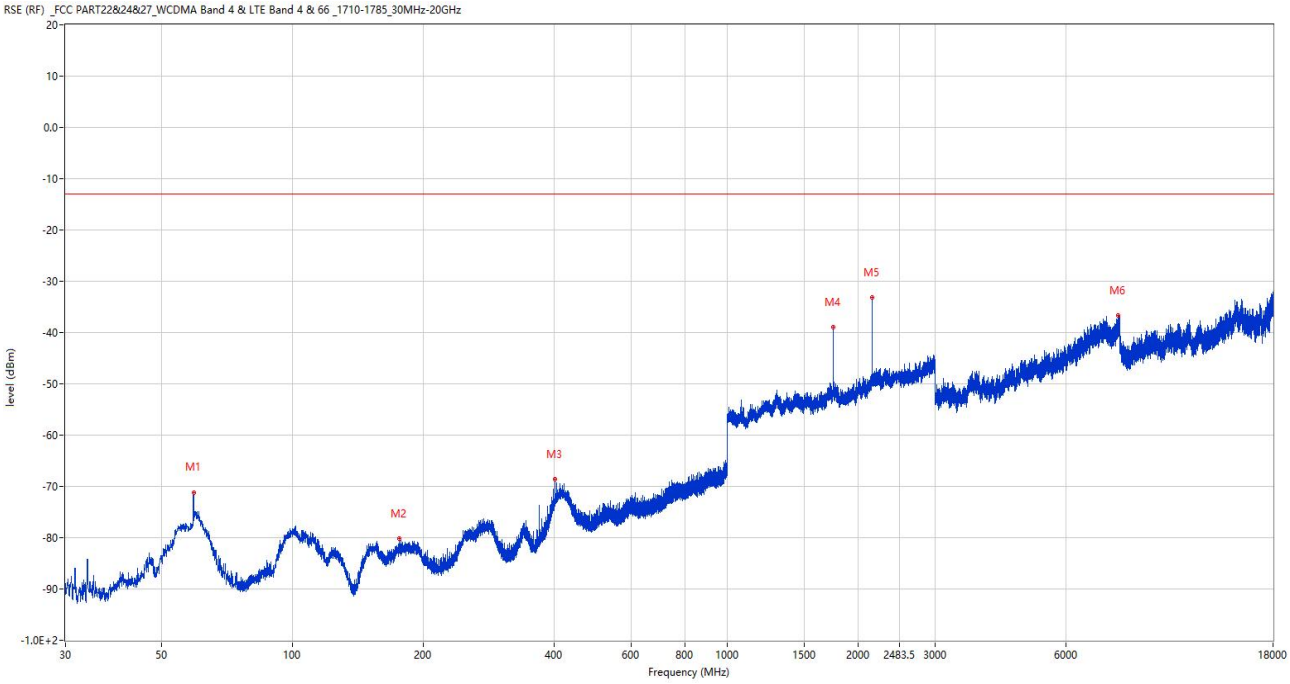
Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
59.682	-75.44	-16.78	-13.0	62.44	77.00	Vertical	Horizontal	Pass
194.512	-75.58	-16.82	-13.0	62.58	284.00	Vertical	Horizontal	Pass
406.311	-67.49	-9.54	-13.0	54.49	165.00	Vertical	Horizontal	Pass
1738.800	-40.50	2.72	-13.0	27.50	134.00	Vertical	Horizontal	N/A
2140.500	-33.55	4.34	-13.0	20.55	17.00	Vertical	Horizontal	N/A
7941.250	-37.43	19.39	-13.0	24.43	358.00	Vertical	Horizontal	Pass

Band:WCDMA B4,Channel:Mid Range



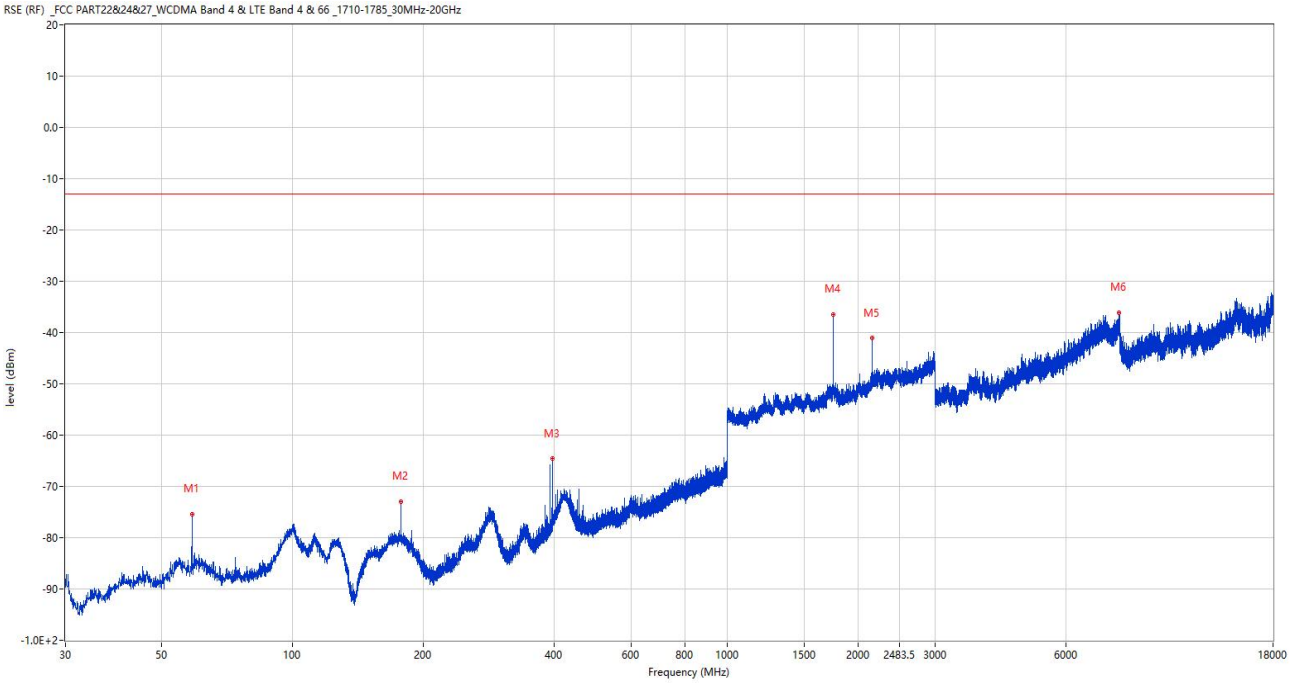
Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
100.713	-77.41	-18.86	-13.0	64.41	230.00	Horizontal	Horizontal	Pass
173.609	-78.64	-18.61	-13.0	65.64	257.00	Horizontal	Horizontal	Pass
401.413	-69.52	-9.68	-13.0	56.52	114.00	Horizontal	Horizontal	Pass
1738.700	-37.33	2.72	-13.0	24.33	261.00	Horizontal	Horizontal	N/A
2139.400	-41.22	4.29	-13.0	28.22	230.00	Horizontal	Horizontal	N/A
7368.250	-36.71	18.20	-13.0	23.71	176.00	Horizontal	Horizontal	Pass

Band:WCDMA B4,Channel:High Range



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
59.100	-71.21	-17.02	-13.0	58.21	356.00	Vertical	Horizontal	Pass
175.645	-80.20	-18.40	-13.0	67.20	157.00	Vertical	Horizontal	Pass
401.801	-68.60	-9.67	-13.0	55.60	208.00	Vertical	Horizontal	Pass
1751.700	-39.02	2.63	-13.0	26.02	127.00	Vertical	Horizontal	N/A
2153.300	-33.20	4.73	-13.0	20.20	359.00	Vertical	Horizontal	N/A
7925.750	-36.69	19.18	-13.0	23.69	276.00	Vertical	Horizontal	Pass

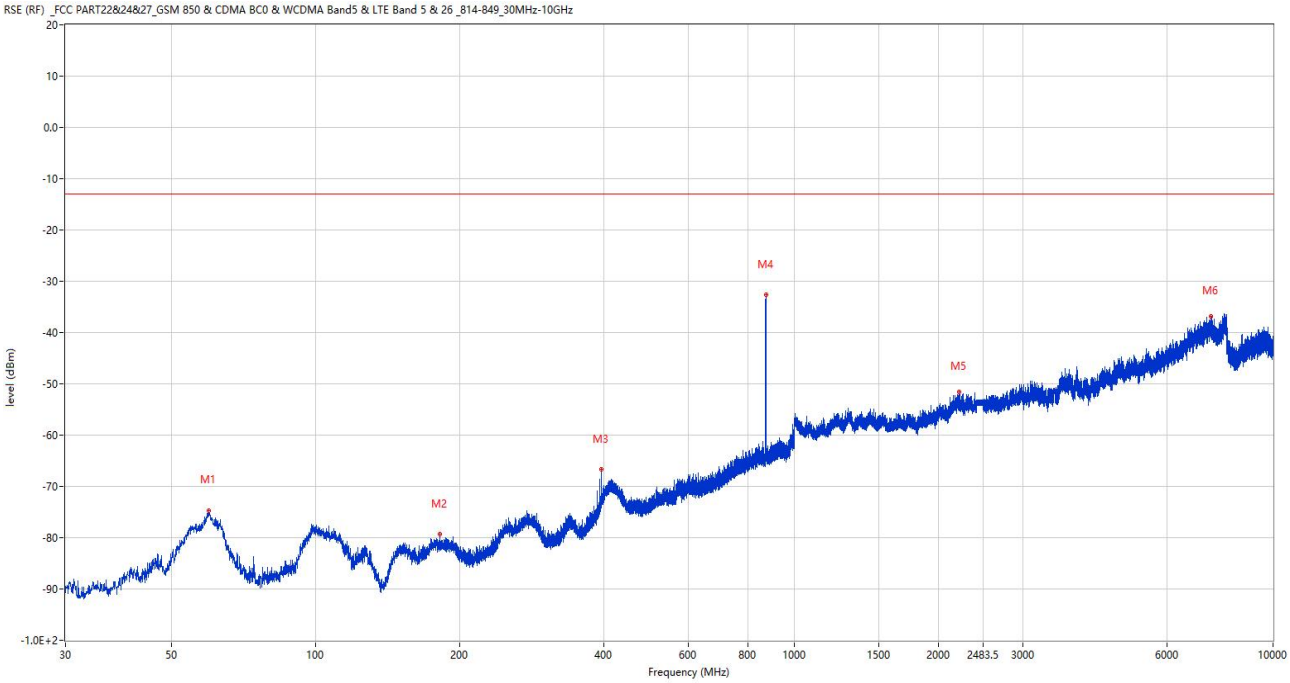
Band:WCDMA B4,Channel:High Range



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
58.663	-75.38	-17.20	-13.0	62.38	154.00	Horizontal	Horizontal	Pass
177.391	-72.91	-18.26	-13.0	59.91	59.00	Horizontal	Horizontal	Pass
395.642	-64.63	-9.86	-13.0	51.63	118.00	Horizontal	Horizontal	Pass
1751.600	-36.41	2.62	-13.0	23.41	341.00	Horizontal	Horizontal	N/A
2151.500	-41.05	4.71	-13.0	28.05	359.00	Horizontal	Horizontal	N/A
7963.250	-36.11	19.79	-13.0	23.11	80.00	Horizontal	Horizontal	Pass

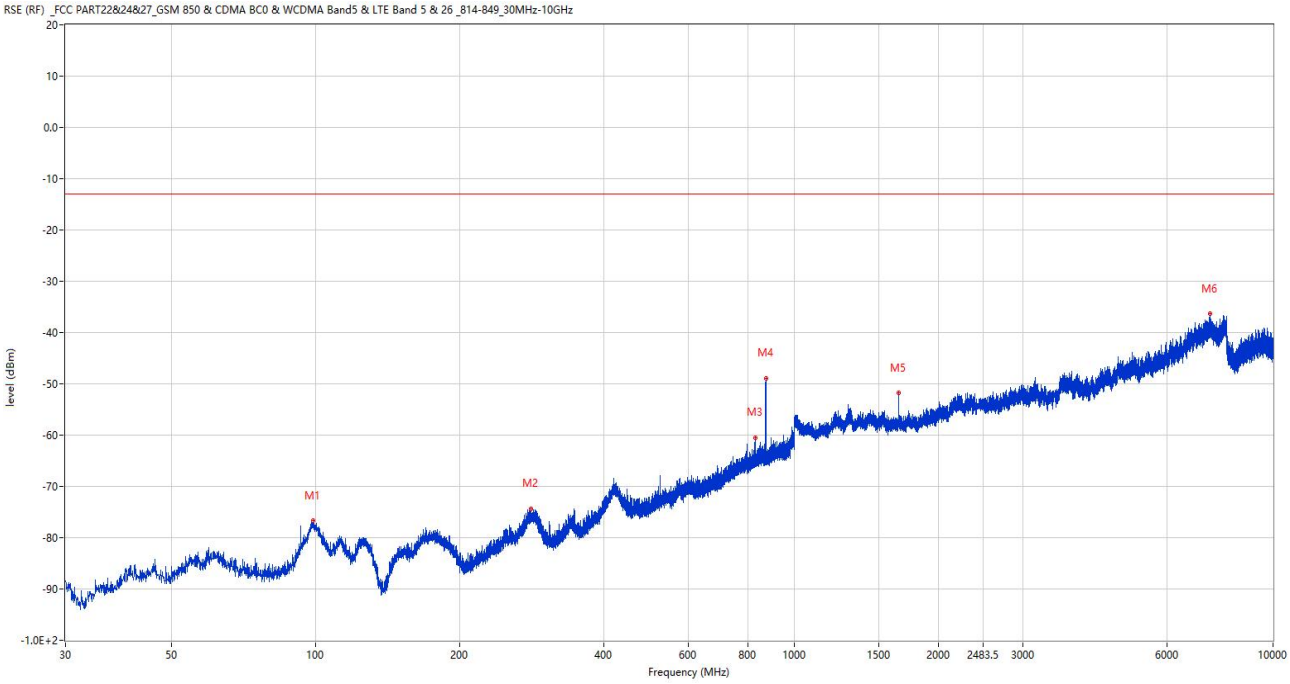
1.3 WCDMA Band 5

Band:WCDMA B5,Channel:Low Range



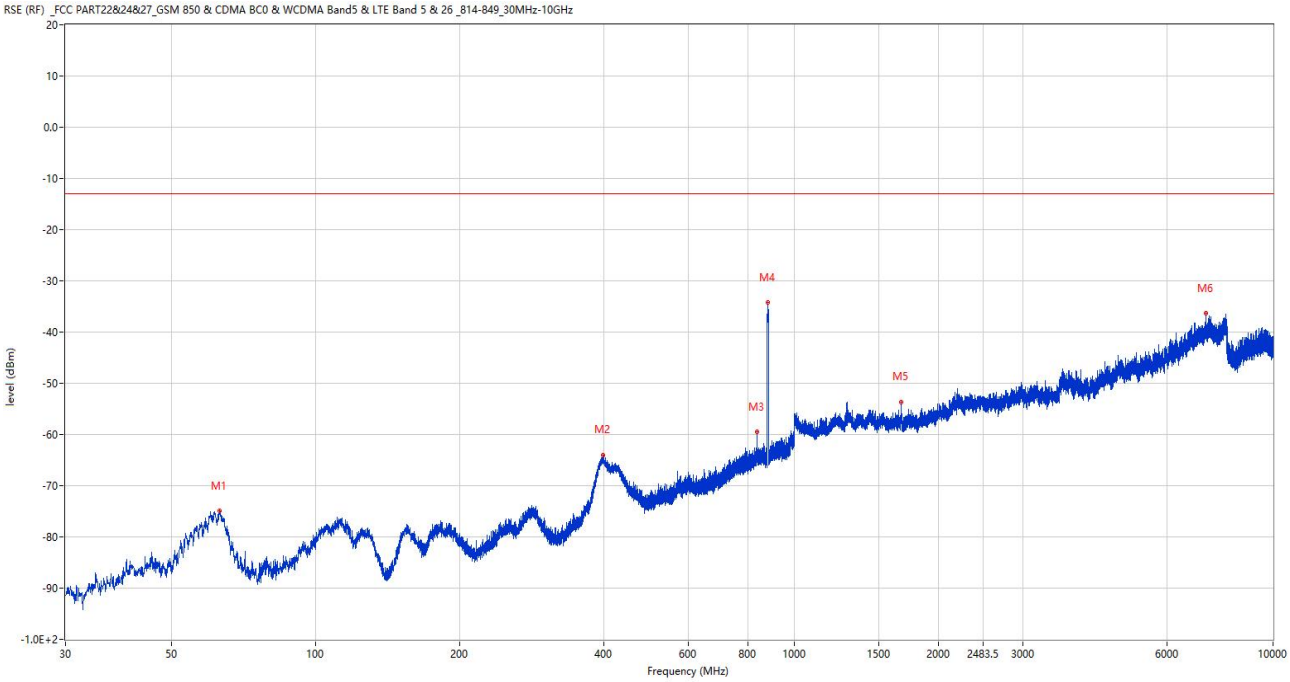
Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
59.828	-74.79	-15.61	-13.0	61.79	44.00	Vertical	Horizontal	Pass
181.611	-79.26	-15.94	-13.0	66.26	205.00	Vertical	Horizontal	Pass
394.768	-66.67	-6.68	-13.0	53.67	325.00	Vertical	Horizontal	Pass
872.930	-32.63	5.58	-13.0	19.63	254.00	Vertical	Horizontal	N/A
2208.400	-51.52	0.43	-13.0	38.52	334.00	Vertical	Horizontal	Pass
7405.500	-36.76	19.03	-13.0	23.76	201.00	Vertical	Horizontal	Pass

Band:WCDMA B5,Channel:Low Range



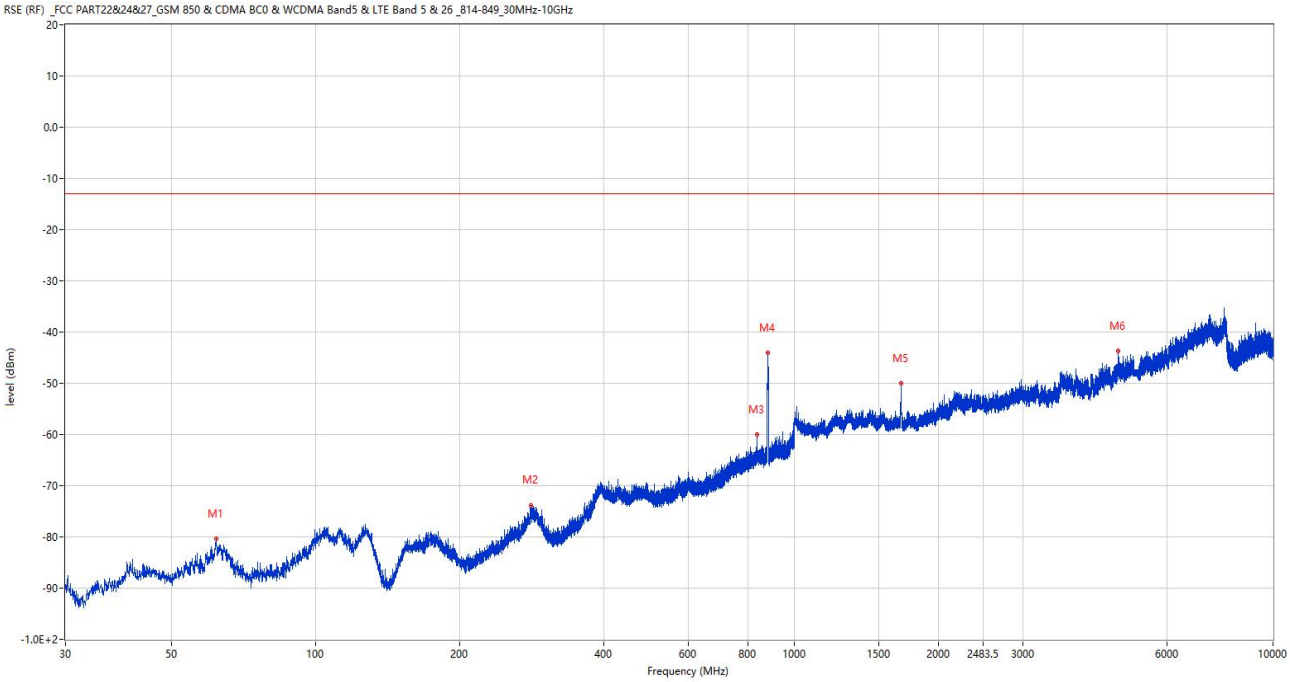
Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
98.870	-76.71	-17.25	-13.0	63.71	209.00	Horizontal	Horizontal	Pass
281.763	-74.36	-10.28	-13.0	61.36	128.00	Horizontal	Horizontal	Pass
827.534	-60.51	5.47	-13.0	47.51	230.00	Horizontal	Horizontal	N/A
872.833	-48.90	5.57	-13.0	35.90	237.00	Horizontal	Horizontal	N/A
1651.500	-52.68	-3.61	-13.0	39.68	17.00	Horizontal	Horizontal	Pass
7391.500	-36.36	18.54	-13.0	23.36	147.00	Horizontal	Horizontal	Pass

Band:WCDMA B5,Channel:Mid Range



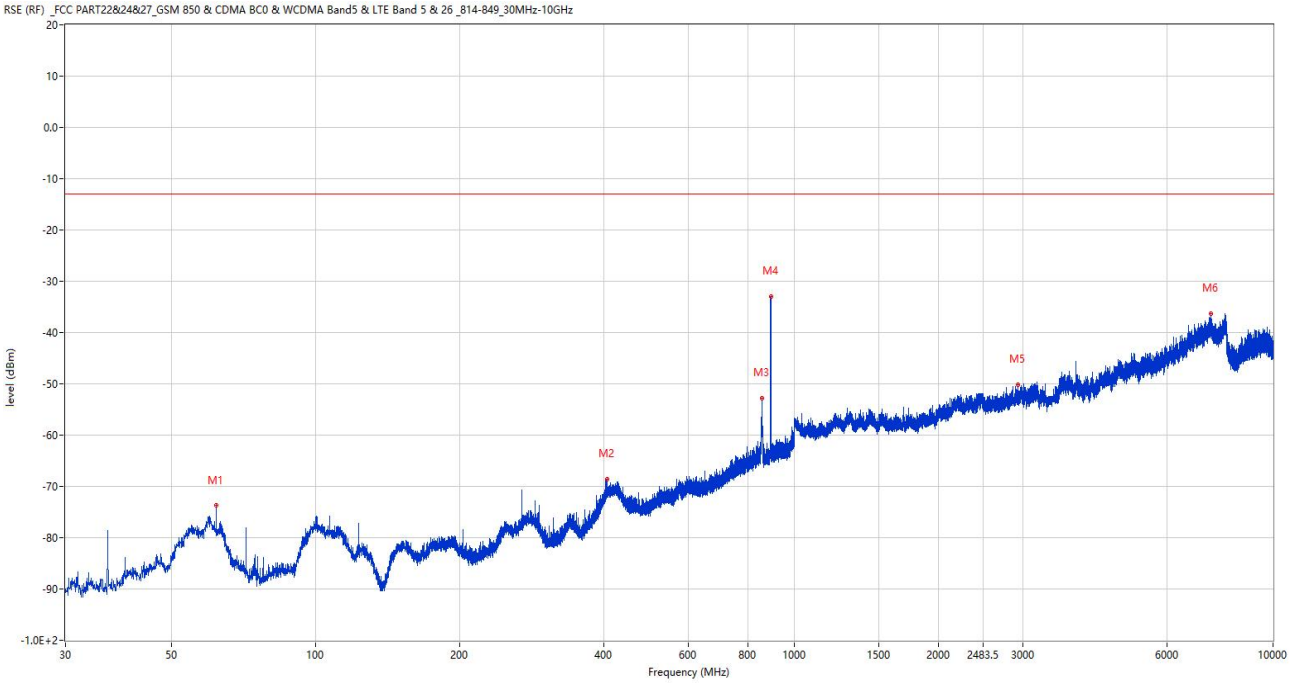
Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
62.883	-74.92	-15.36	-13.0	61.92	92.00	Vertical	Horizontal	Pass
398.988	-63.99	-6.52	-13.0	50.99	170.00	Vertical	Horizontal	Pass
835.343	-59.50	5.68	-13.0	46.50	166.00	Vertical	Horizontal	N/A
880.351	-34.23	5.82	-13.0	21.23	145.00	Vertical	Horizontal	N/A
1672.400	-53.62	-3.66	-13.0	40.62	85.00	Vertical	Horizontal	Pass
7228.000	-36.25	18.54	-13.0	23.25	203.00	Vertical	Horizontal	Pass

Band:WCDMA B5,Channel:Mid Range



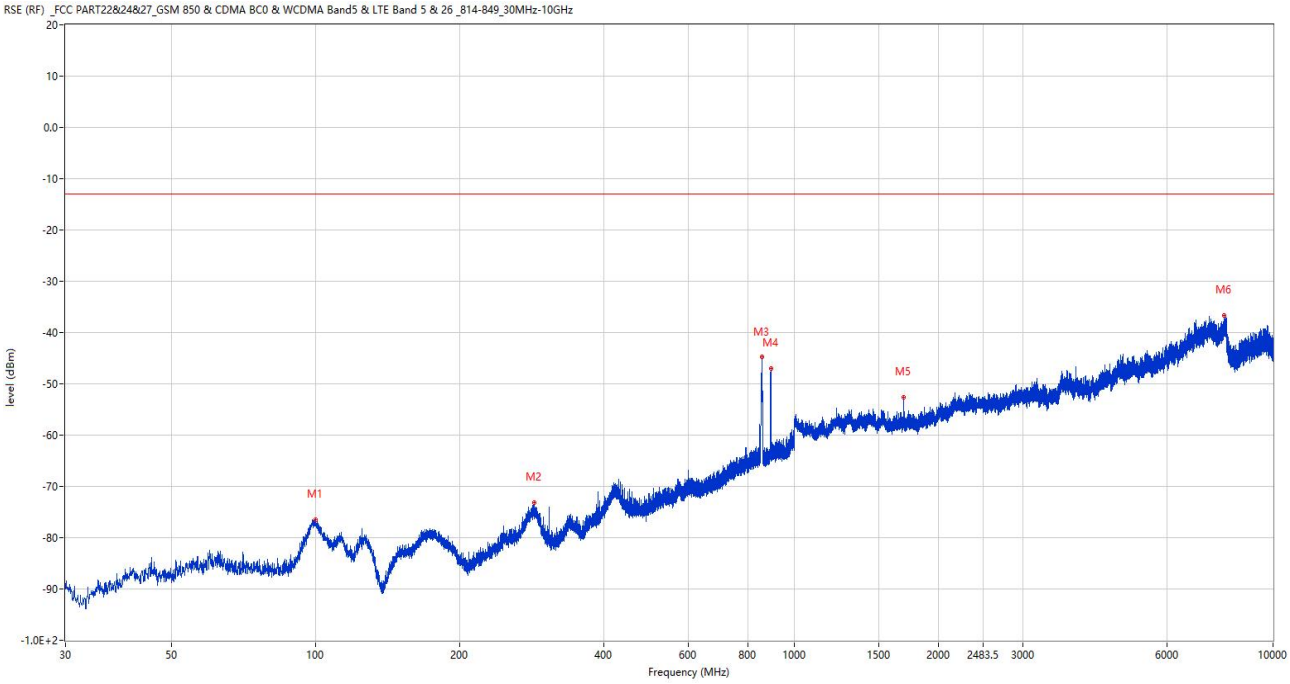
Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
61.864	-80.37	-15.02	-13.0	67.37	150.00	Horizontal	Horizontal	Pass
281.182	-73.90	-10.26	-13.0	60.90	117.00	Horizontal	Horizontal	Pass
835.439	-59.92	5.68	-13.0	46.92	74.00	Horizontal	Horizontal	N/A
880.641	-44.08	5.80	-13.0	31.08	165.00	Horizontal	Horizontal	N/A
1672.400	-50.41	-3.66	-13.0	37.41	168.00	Horizontal	Horizontal	Pass
4753.000	-43.72	11.20	-13.0	30.72	344.00	Horizontal	Horizontal	Pass

Band:WCDMA B5,Channel:High Range



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
61.962	-73.76	-14.99	-13.0	60.76	36.00	Vertical	Horizontal	Pass
406.942	-68.59	-6.22	-13.0	55.59	46.00	Vertical	Horizontal	Pass
855.567	-52.76	5.80	-13.0	39.76	255.00	Vertical	Horizontal	N/A
892.766	-32.90	6.33	-13.0	19.90	163.00	Vertical	Horizontal	N/A
2933.100	-50.26	3.04	-13.0	37.26	110.00	Vertical	Horizontal	Pass
7421.250	-36.27	18.62	-13.0	23.27	50.00	Vertical	Horizontal	Pass

Band:WCDMA B5,Channel:High Range

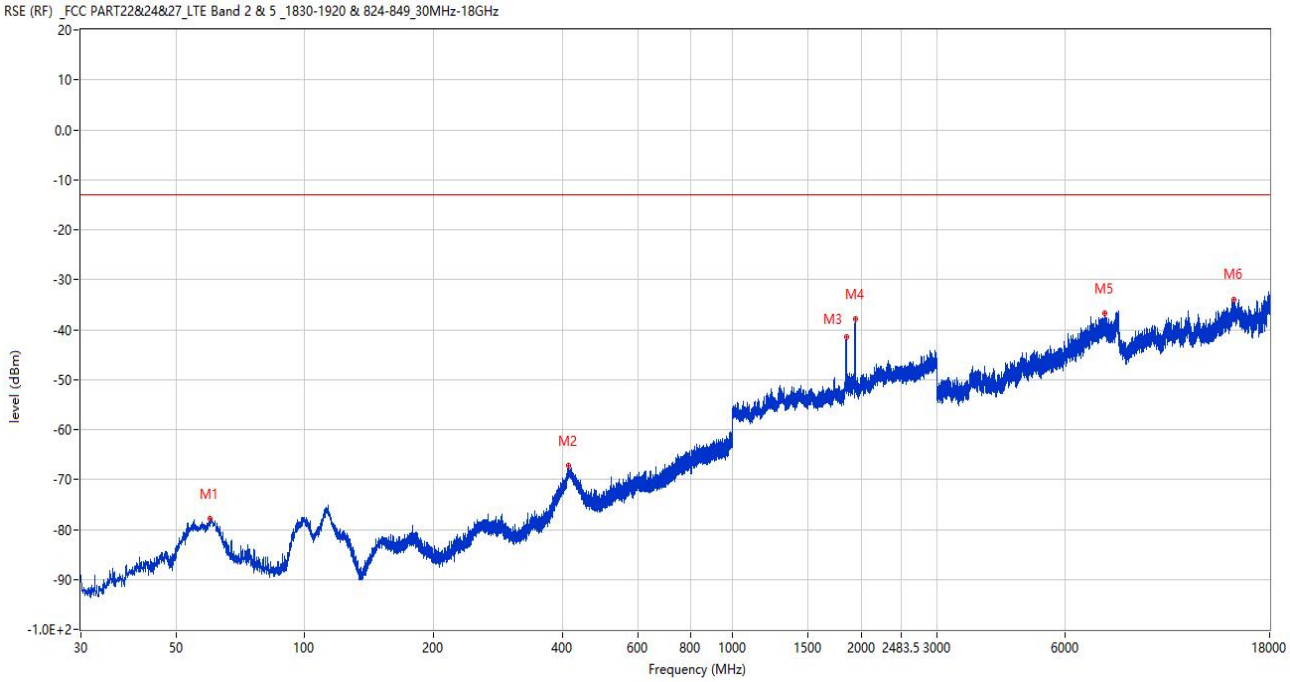


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
99.985	-76.42	-17.40	-13.0	63.42	234.00	Horizontal	Horizontal	Pass
286.177	-73.16	-10.24	-13.0	60.16	117.00	Horizontal	Horizontal	Pass
855.761	-44.82	5.80	-13.0	31.82	124.00	Horizontal	Horizontal	N/A
892.621	-47.04	6.33	-13.0	34.04	308.00	Horizontal	Horizontal	N/A
1691.200	-52.61	-4.04	-13.0	39.61	345.00	Horizontal	Horizontal	Pass
7912.250	-36.59	19.33	-13.0	23.59	0.00	Horizontal	Horizontal	Pass

2. LTE

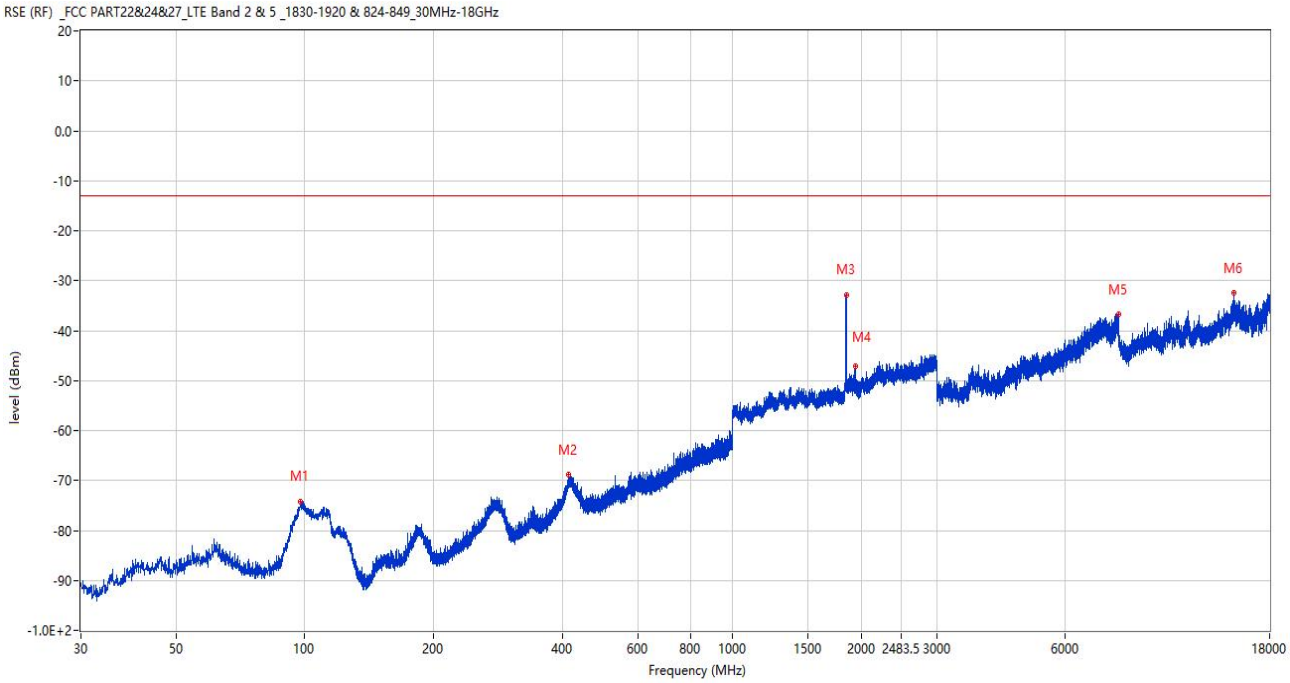
2.1 LTE Band 2

Band:LTE B2,Channel:Low range,BW10



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
60.118	-77.80	-15.69	-13.0	64.80	149.00	Vertical	Horizontal	Pass
414.266	-67.20	-6.59	-13.0	54.20	85.00	Vertical	Horizontal	Pass
1842.600	-41.57	3.37	-13.0	28.57	185.00	Vertical	Horizontal	N/A
1934.500	-37.74	3.24	-13.0	24.74	78.00	Vertical	Horizontal	N/A
7410.000	-36.79	19.11	-13.0	23.79	115.00	Vertical	Horizontal	Pass
14834.600	-33.91	24.03	-13.0	20.91	38.00	Vertical	Horizontal	Pass

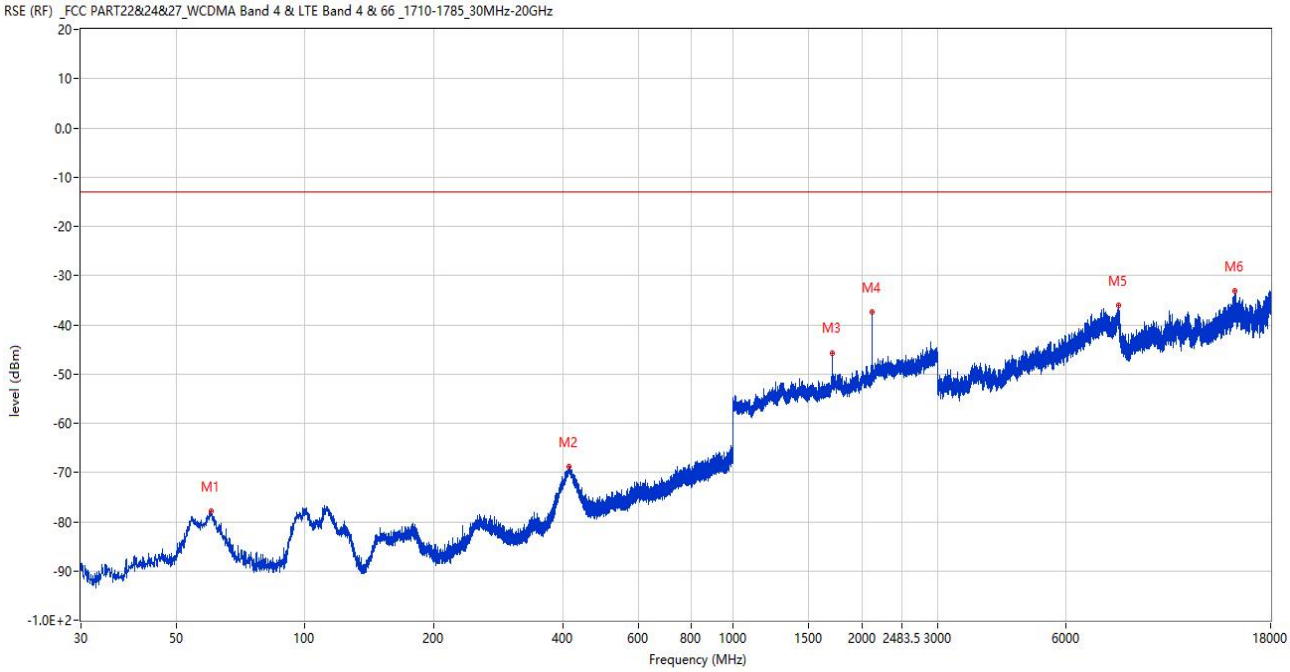
Band:LTE B2,Channel:Low range,BW10



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
97.706	-74.13	-17.43	-13.0	61.13	184.00	Horizontal	Horizontal	Pass
412.810	-68.82	-6.58	-13.0	55.82	352.00	Horizontal	Horizontal	Pass
1842.500	-32.82	3.37	-13.0	19.82	62.00	Horizontal	Horizontal	N/A
1934.300	-47.04	3.26	-13.0	34.04	113.00	Horizontal	Horizontal	N/A
7978.500	-36.68	19.85	-13.0	23.68	85.00	Horizontal	Horizontal	Pass
14832.800	-32.48	24.09	-13.0	19.48	115.00	Horizontal	Horizontal	Pass

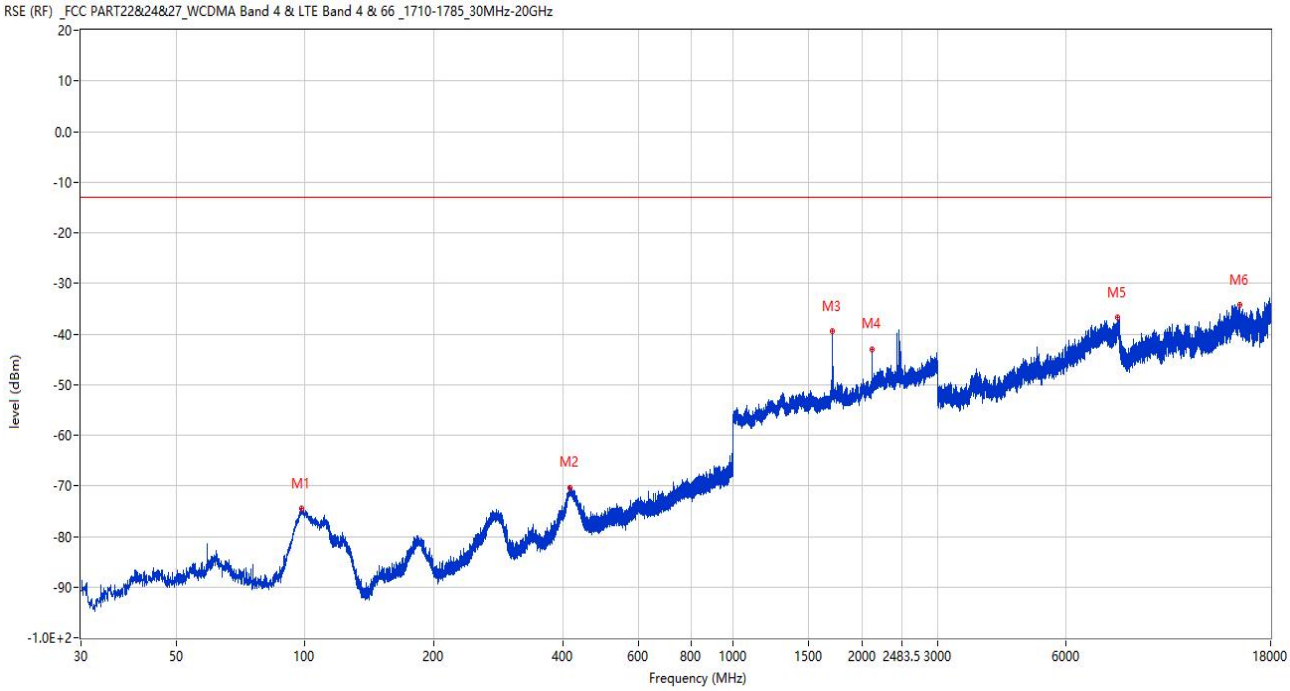
2.2 LTE Band 4

Band:LTE B4,Channel:Low range,BW10



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
60.458	-77.84	-16.52	-13.0	64.84	75.00	Vertical	Horizontal	Pass
413.683	-68.75	-9.44	-13.0	55.75	83.00	Vertical	Horizontal	Pass
1702.700	-47.24	2.51	-13.0	34.24	0.00	Vertical	Horizontal	N/A
2112.400	-37.34	3.97	-13.0	24.34	94.00	Vertical	Horizontal	N/A
7950.750	-36.14	19.73	-13.0	23.14	223.00	Vertical	Horizontal	Pass
14836.088	-33.12	23.97	-13.0	20.12	316.00	Vertical	Horizontal	Pass

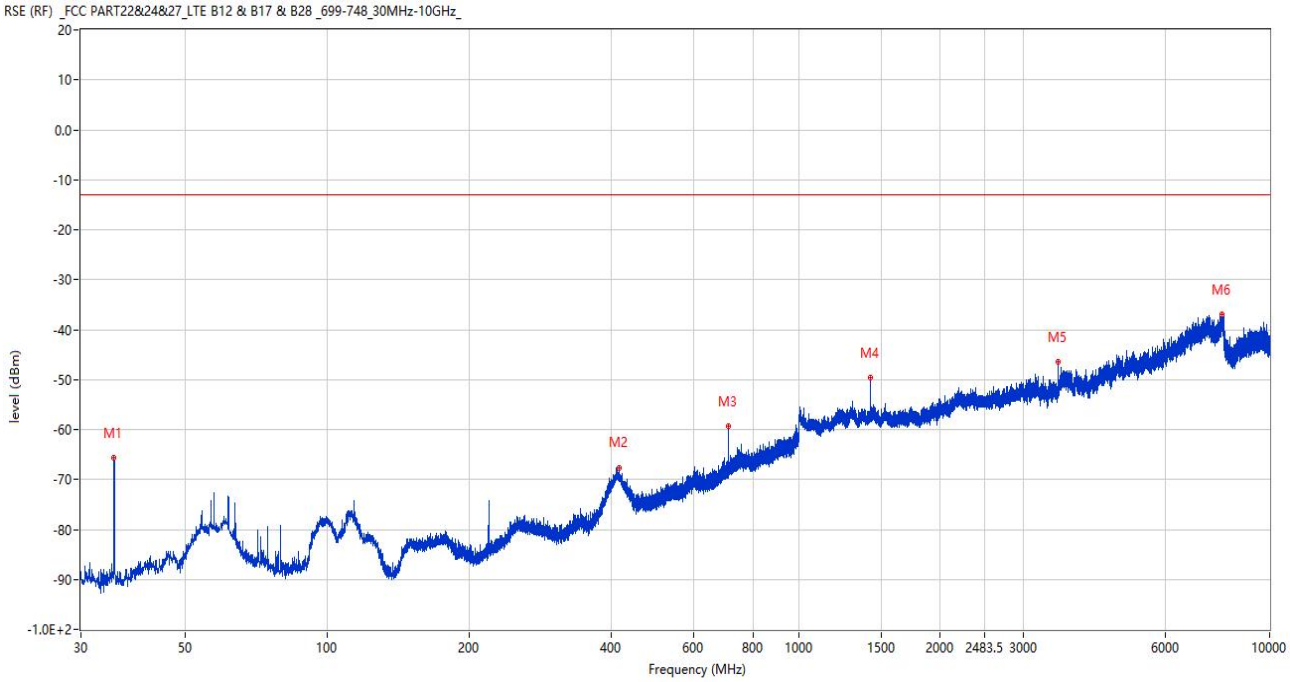
Band:LTE B4,Channel:Low range,BW10



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
98.434	-74.38	-18.67	-13.0	61.38	180.00	Horizontal	Horizontal	Pass
415.236	-70.31	-9.45	-13.0	57.31	0.00	Horizontal	Horizontal	Pass
1702.600	-39.35	2.51	-13.0	26.35	82.00	Horizontal	Horizontal	N/A
2114.400	-42.97	3.98	-13.0	29.97	122.00	Horizontal	Horizontal	N/A
7889.250	-36.77	18.91	-13.0	23.77	246.00	Horizontal	Horizontal	Pass
15266.062	-34.27	22.60	-13.0	21.27	0.00	Horizontal	Horizontal	Pass

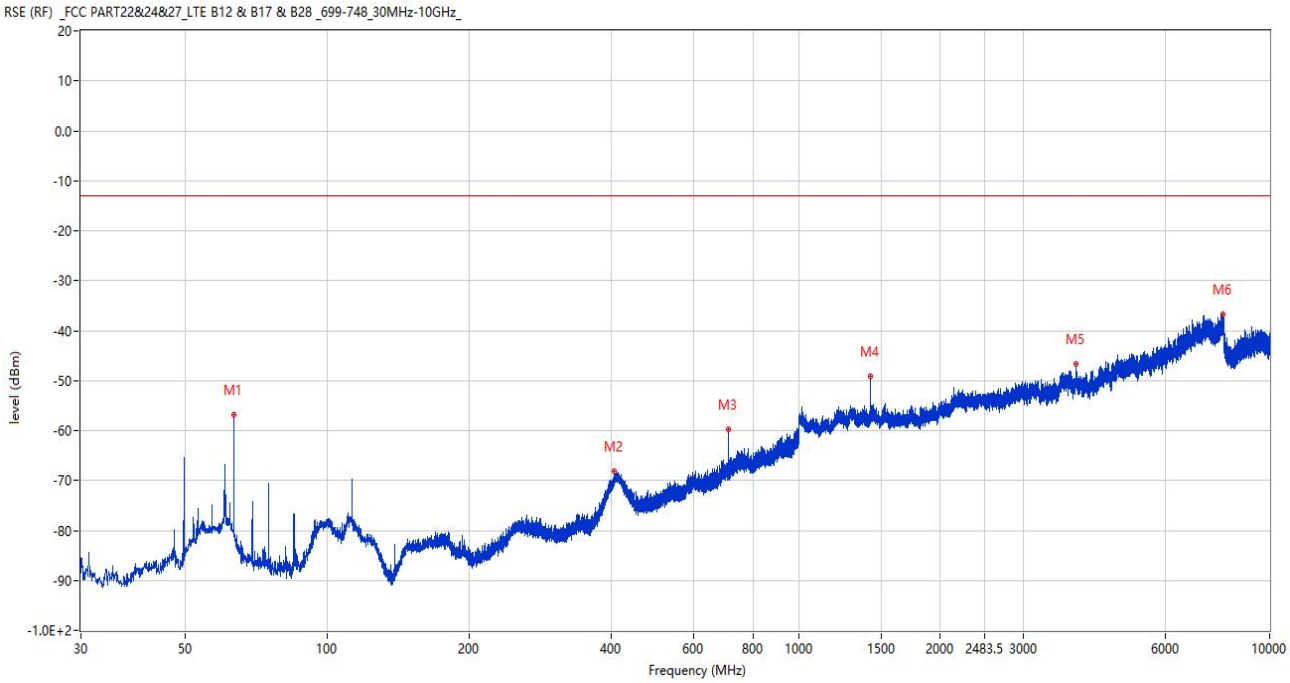
2.3 LTE Band 12

Band:LTE B12,Channel:High range,BW3



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
35.286	-65.70	-19.66	-13.0	52.70	185.00	Vertical	Horizontal	Pass
415.866	-67.68	-6.44	-13.0	54.68	121.00	Vertical	Horizontal	Pass
711.425	-59.43	2.48	-13.0	46.43	34.00	Vertical	Horizontal	N/A
1423.500	-49.69	-3.09	-13.0	36.69	298.00	Vertical	Horizontal	Pass
3557.250	-46.41	5.66	-13.0	33.41	305.00	Vertical	Horizontal	Pass
7919.250	-37.03	19.27	-13.0	24.03	38.00	Vertical	Horizontal	Pass

Band:LTE B12,Channel:High range,BW3



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
63.368	-56.76	-15.72	-13.0	43.76	141.00	Horizontal	Horizontal	Pass
406.602	-68.19	-6.54	-13.0	55.19	97.00	Horizontal	Horizontal	Pass
711.425	-59.78	2.48	-13.0	46.78	45.00	Horizontal	Horizontal	N/A
1423.400	-49.21	-3.10	-13.0	36.21	47.00	Horizontal	Horizontal	Pass
3881.500	-46.60	8.87	-13.0	33.60	355.00	Horizontal	Horizontal	Pass
7976.000	-36.62	19.84	-13.0	23.62	249.00	Horizontal	Horizontal	Pass

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