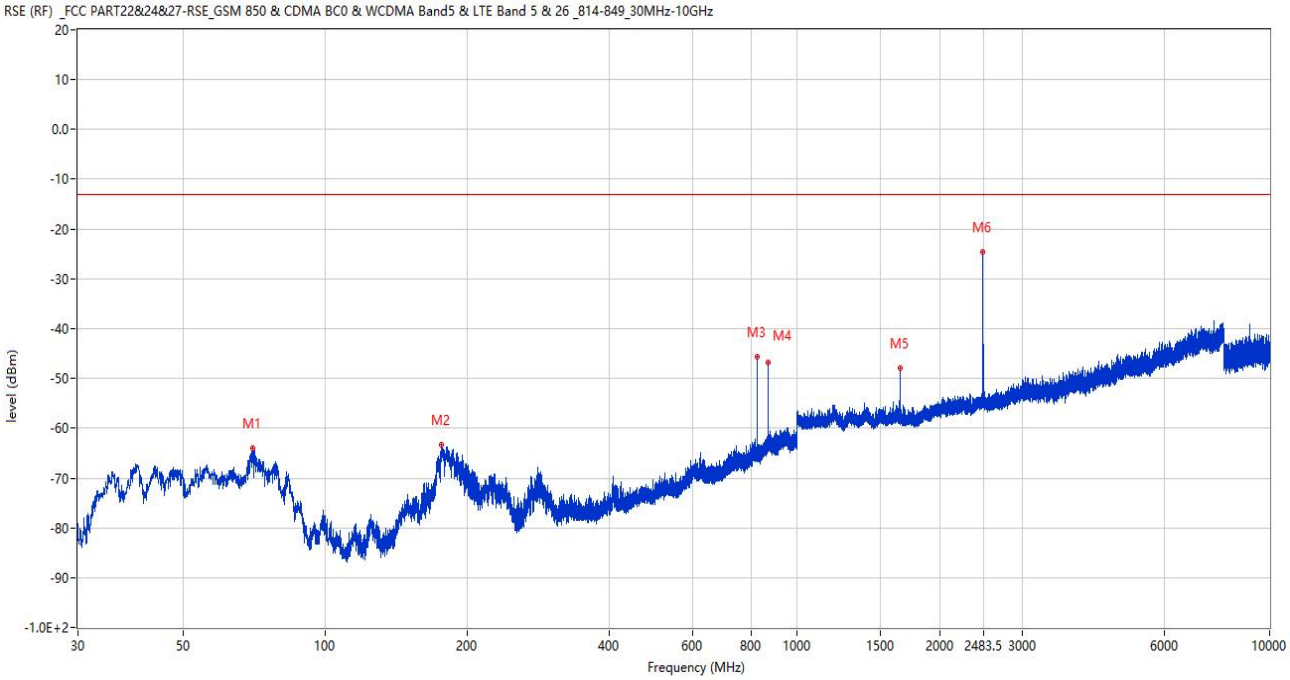
A.7 Field Strength of Spurious Radiation

1. GSM

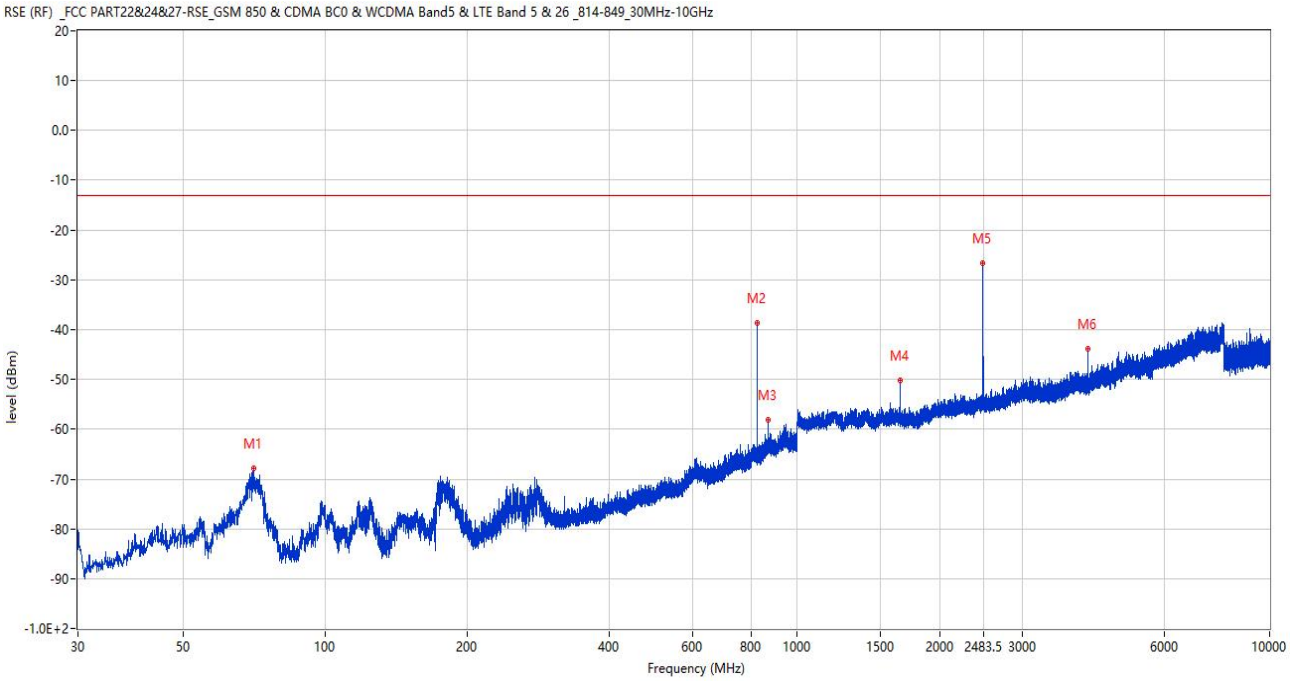
1.1 GSM 850

Band:GSM850,Channel:Low range



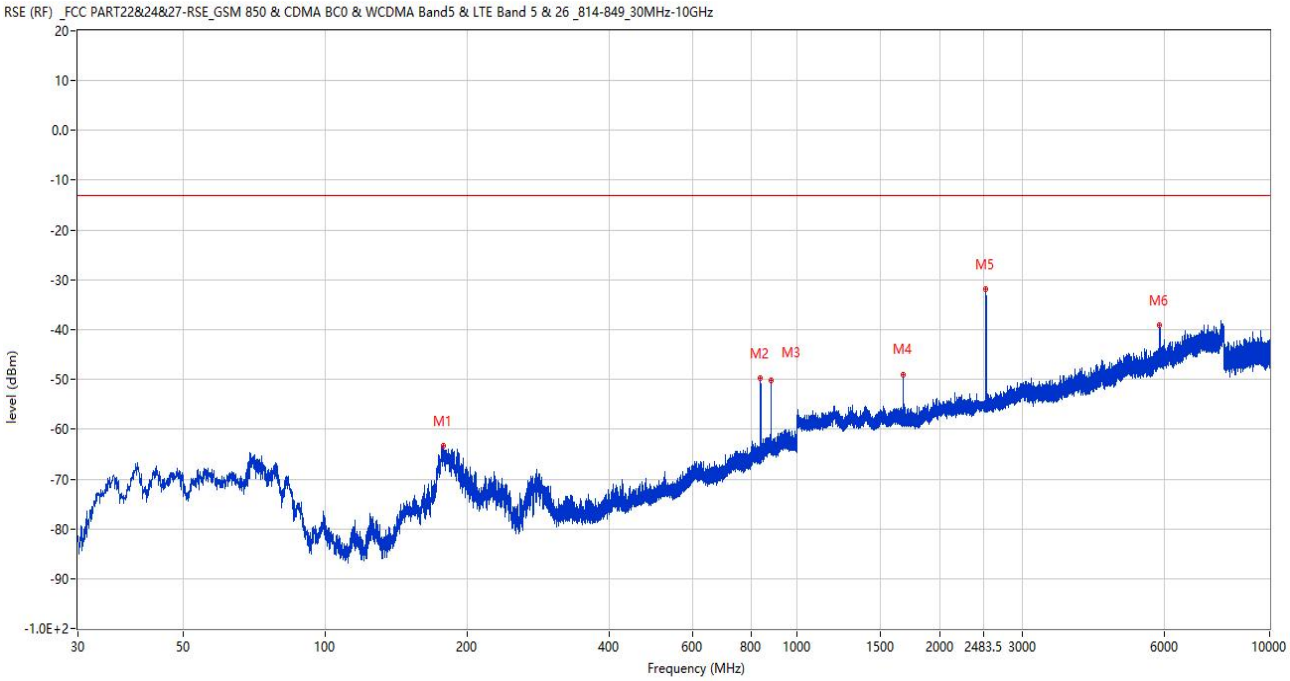
Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
70.255	-64.07	-17.06	-13.0	51.07	127.00	Vertical	Vertical	Pass
176.761	-63.39	-14.22	-13.0	50.39	19.00	Vertical	Vertical	Pass
824.139	-45.73	5.49	-13.0	32.73	139.00	Vertical	Vertical	N/A
869.196	-46.88	6.89	-13.0	33.88	145.00	Vertical	Vertical	N/A
1648.400	-47.88	-2.93	-13.0	34.88	25.00	Vertical	Vertical	Pass
2472.800	-24.62	1.79	-13.0	11.62	180.00	Vertical	Vertical	Pass

Band:GSM850,Channel:Low range



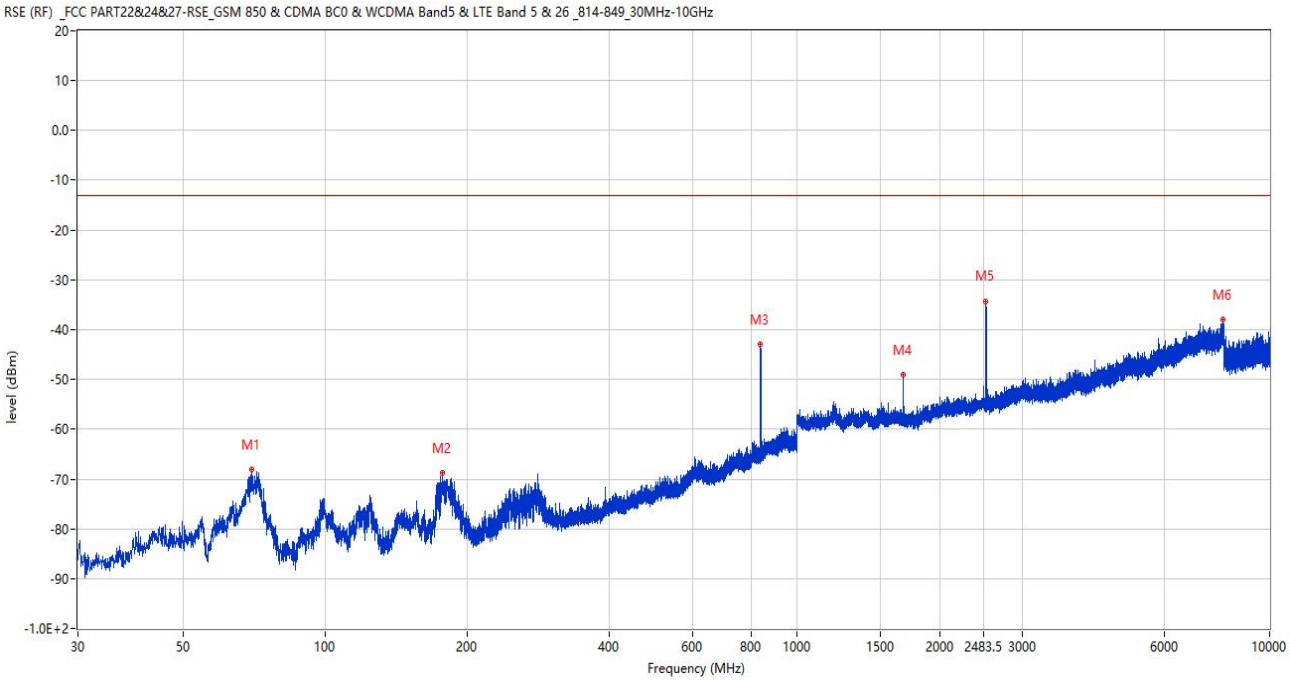
Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
70.546	-67.89	-17.16	-13.0	54.89	181.00	Horizontal	Vertical	Pass
824.188	-38.63	5.49	-13.0	25.63	141.00	Horizontal	Vertical	N/A
869.196	-58.09	6.89	-13.0	45.09	193.00	Horizontal	Vertical	N/A
1648.500	-50.27	-2.93	-13.0	37.27	129.00	Horizontal	Vertical	Pass
2472.600	-26.66	1.77	-13.0	13.66	179.00	Horizontal	Vertical	Pass
4121.000	-43.91	7.95	-13.0	30.91	77.00	Horizontal	Vertical	Pass

Band:GSM850,Channel:Mid Range



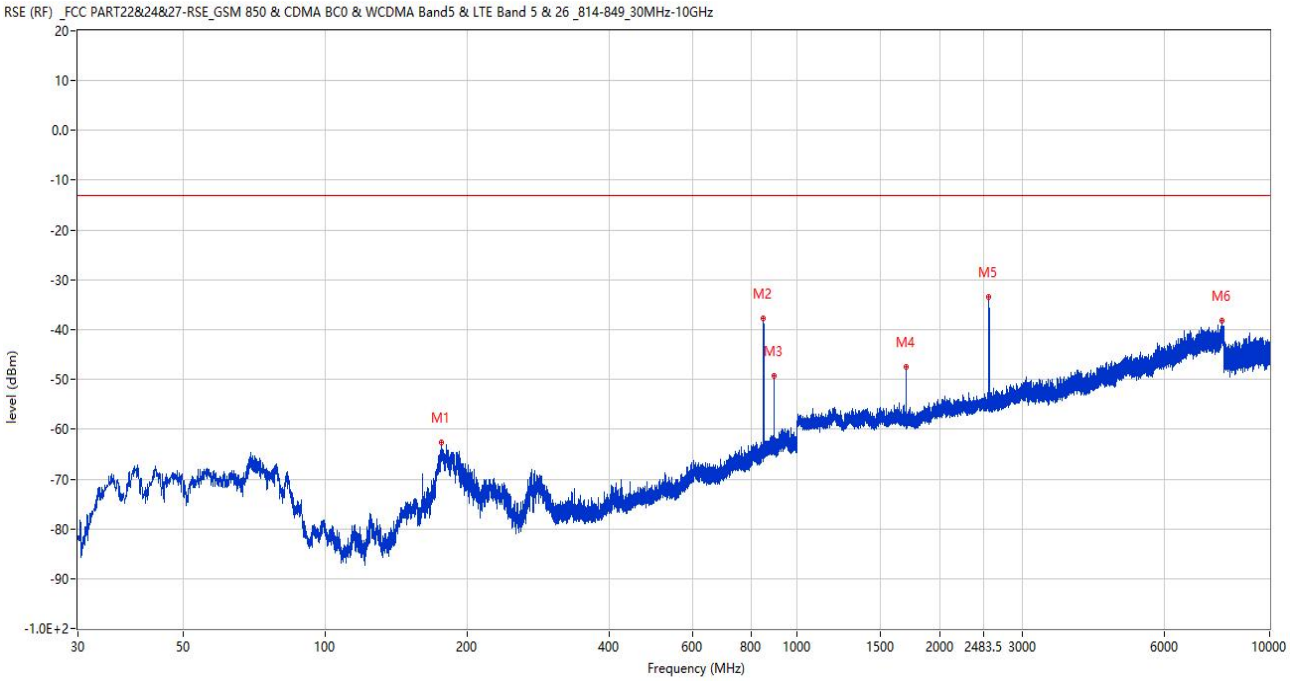
Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
177.731	-63.33	-14.16	-13.0	50.33	78.00	Vertical	Vertical	Pass
836.555	-49.73	5.64	-13.0	36.73	66.00	Vertical	Vertical	N/A
881.612	-48.24	6.90	-13.0	35.24	168.00	Vertical	Vertical	N/A
1673.300	-48.96	-3.25	-13.0	35.96	23.00	Vertical	Vertical	Pass
2510.100	-31.89	0.52	-13.0	18.89	192.00	Vertical	Vertical	Pass
5857.000	-39.04	12.02	-13.0	26.04	104.00	Vertical	Vertical	Pass

Band:GSM850,Channel:Mid Range



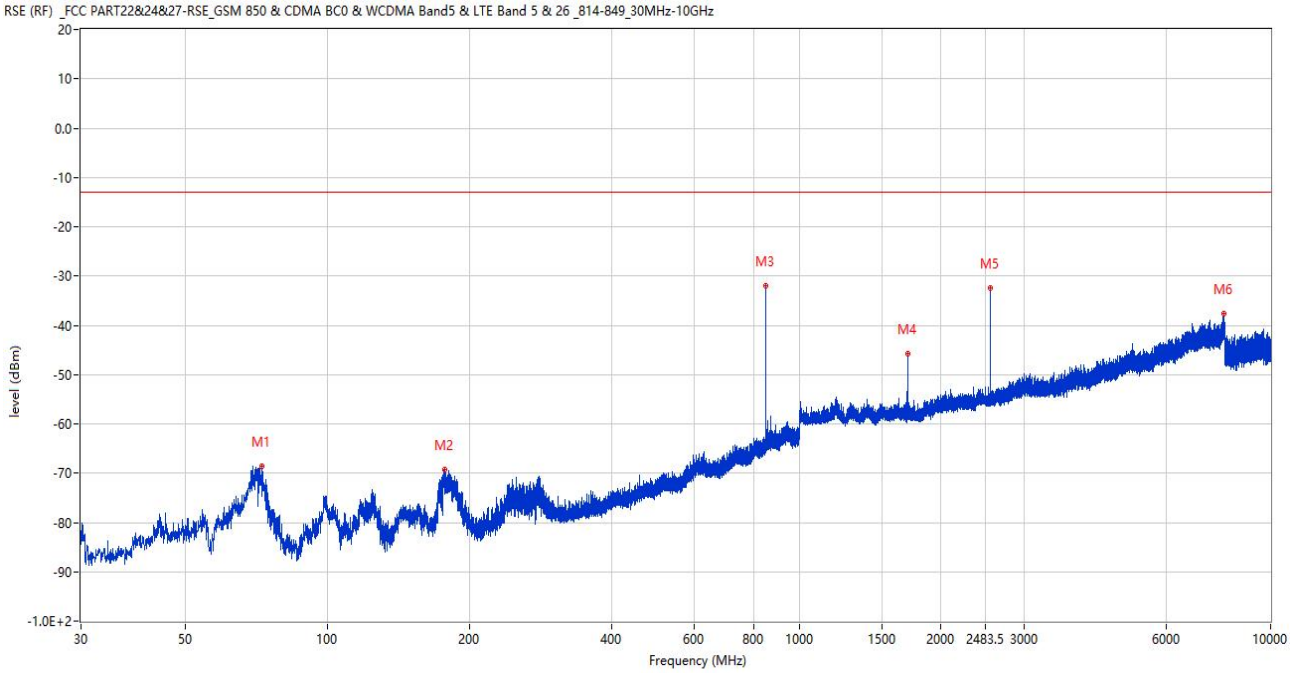
Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
70.061	-68.07	-17.00	-13.0	55.07	187.00	Horizontal	Vertical	Pass
177.343	-68.68	-14.20	-13.0	55.68	131.00	Horizontal	Vertical	Pass
836.555	-42.85	5.64	-13.0	29.85	137.00	Horizontal	Vertical	N/A
1673.600	-49.14	-3.25	-13.0	36.14	313.00	Horizontal	Vertical	Pass
2510.200	-33.34	0.51	-13.0	20.34	72.00	Horizontal	Vertical	Pass
7964.000	-38.04	17.50	-13.0	25.04	0.00	Horizontal	Vertical	Pass

Band:GSM850,Channel:High Range



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
176.276	-62.70	-14.26	-13.0	49.70	40.00	Vertical	Vertical	Pass
848.729	-37.75	6.24	-13.0	24.75	8.00	Vertical	Vertical	N/A
893.737	-49.19	6.76	-13.0	36.19	357.00	Vertical	Vertical	N/A
1697.900	-47.52	-3.47	-13.0	34.52	0.00	Vertical	Vertical	Pass
2546.400	-33.37	0.79	-13.0	20.37	190.00	Vertical	Vertical	Pass
7911.250	-38.29	16.91	-13.0	25.29	8.00	Vertical	Vertical	Pass

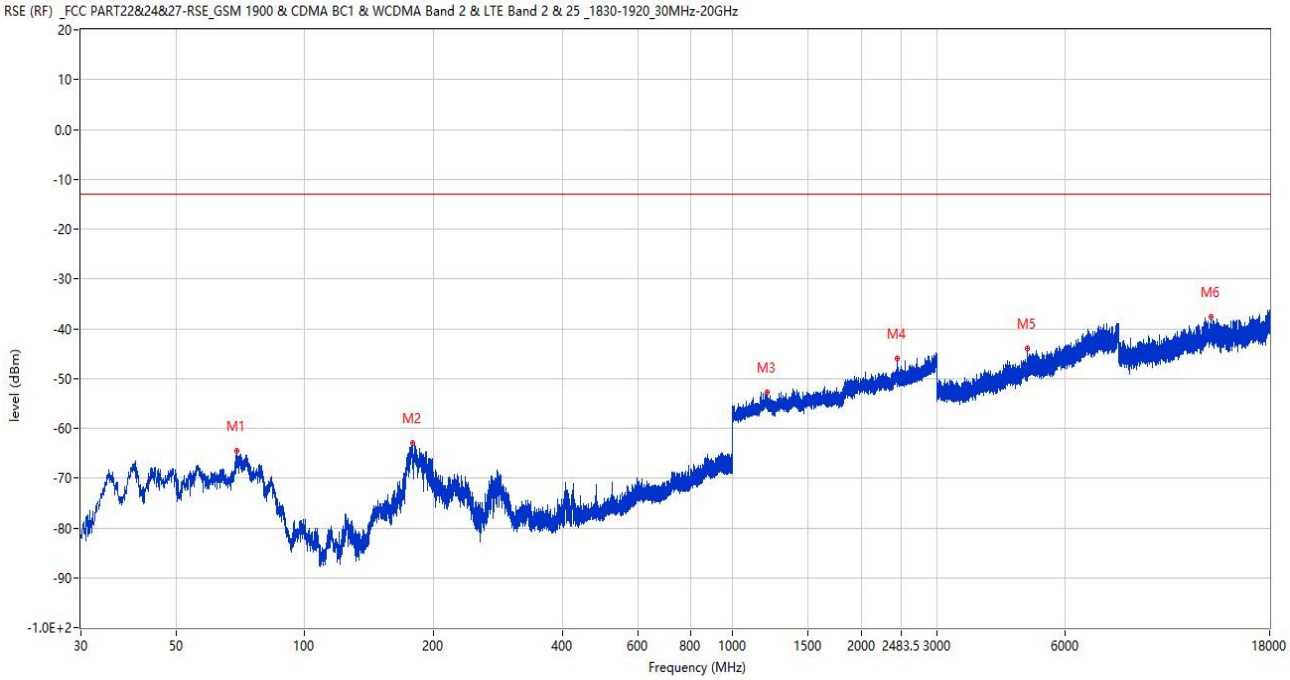
Band:GSM850,Channel:High Range



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
72.438	-68.51	-17.82	-13.0	55.51	168.00	Horizontal	Vertical	Pass
177.197	-69.22	-14.21	-13.0	56.22	115.00	Horizontal	Vertical	Pass
848.729	-32.04	6.24	-13.0	19.04	215.00	Horizontal	Vertical	N/A
1697.900	-45.81	-3.47	-13.0	32.81	320.00	Horizontal	Vertical	Pass
2546.400	-32.38	0.79	-13.0	19.38	84.00	Horizontal	Vertical	Pass
7963.750	-37.68	17.50	-13.0	24.68	302.00	Horizontal	Vertical	Pass

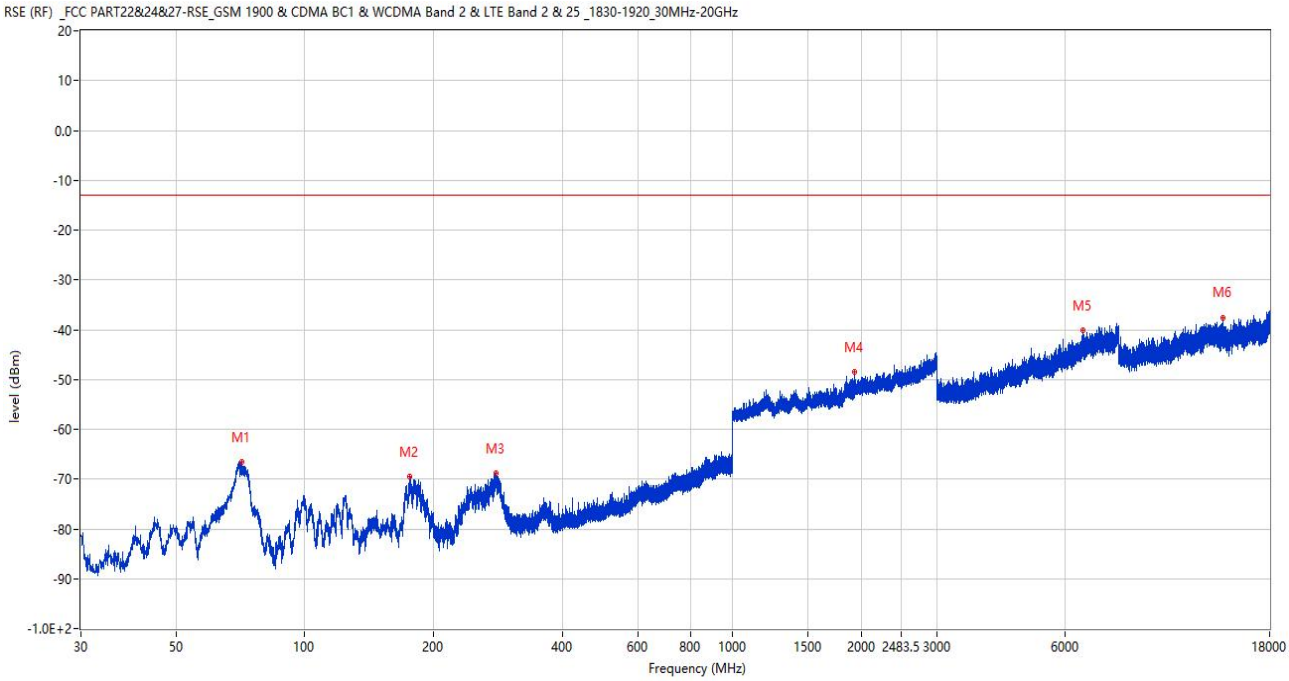
1.2 GSM 1900

Band:GSM1900,Channel:Low Range



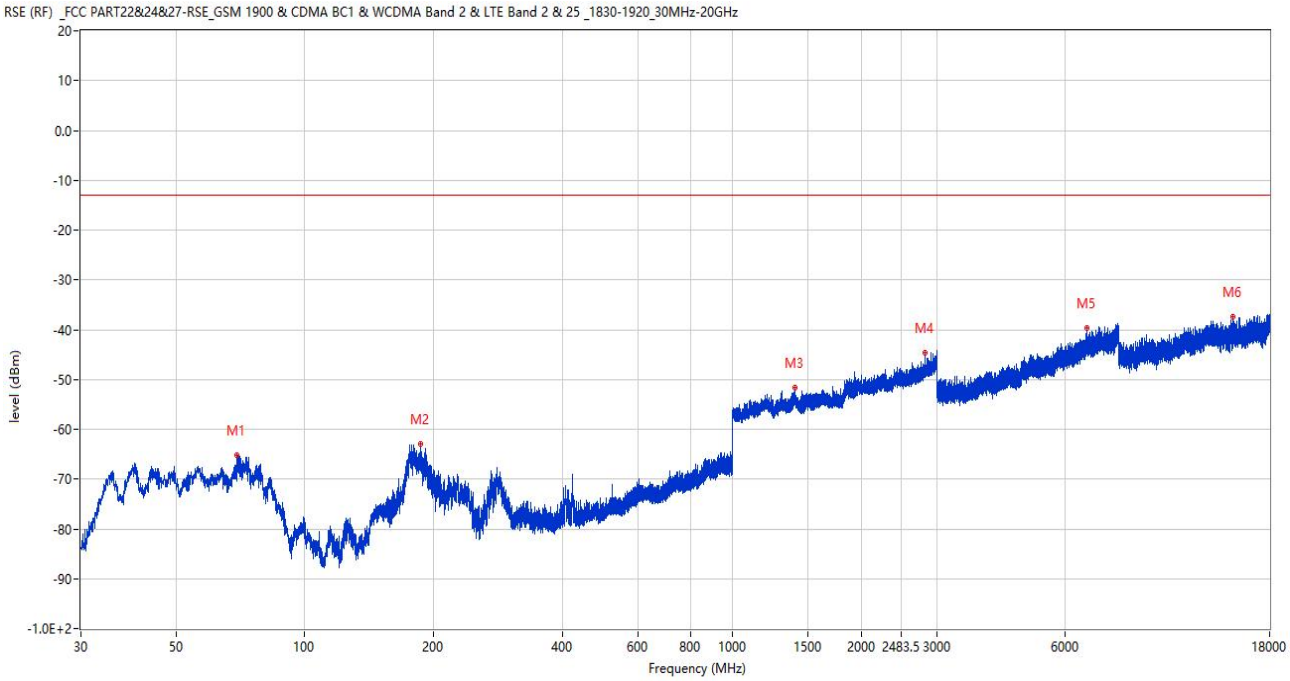
Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
69.527	-64.61	-17.92	-13.0	51.61	120.00	Vertical	Vertical	Pass
178.313	-62.88	-15.96	-13.0	49.88	44.00	Vertical	Vertical	Pass
1202.200	-52.66	0.87	-13.0	39.66	5.00	Vertical	Vertical	Pass
2426.000	-46.00	5.24	-13.0	33.00	119.00	Vertical	Vertical	Pass
4891.000	-43.92	10.11	-13.0	30.92	329.00	Vertical	Vertical	Pass
13130.000	-37.69	18.53	-13.0	24.69	283.00	Vertical	Vertical	Pass

Band:GSM1900,Channel:Low Range



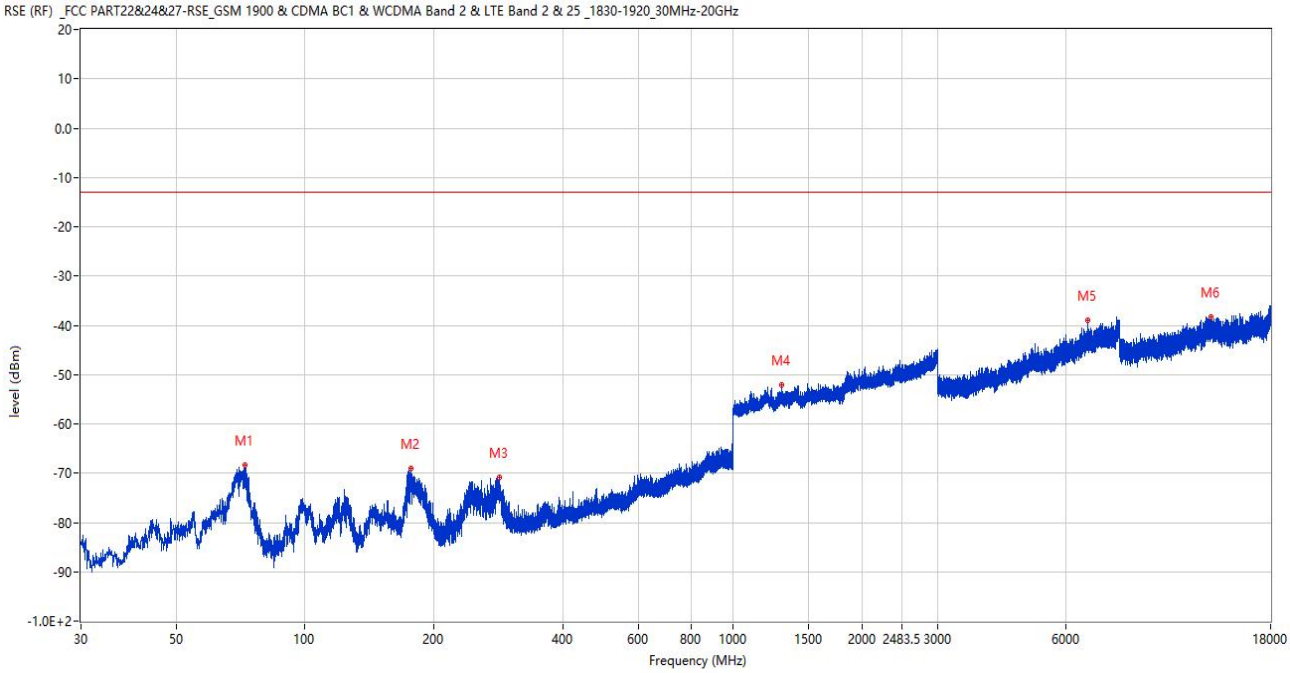
Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
71.322	-66.57	-18.54	-13.0	53.57	180.00	Horizontal	Vertical	Pass
176.179	-69.47	-16.11	-13.0	56.47	117.00	Horizontal	Vertical	Pass
279.921	-68.92	-11.97	-13.0	55.92	347.00	Horizontal	Vertical	Pass
1930.700	-48.50	3.54	-13.0	35.50	137.00	Horizontal	Vertical	Pass
6597.750	-40.12	14.34	-13.0	27.12	314.00	Horizontal	Vertical	Pass
13968.500	-37.54	19.12	-13.0	24.54	359.00	Horizontal	Vertical	Pass

Band:GSM1900,Channel:Mid Range



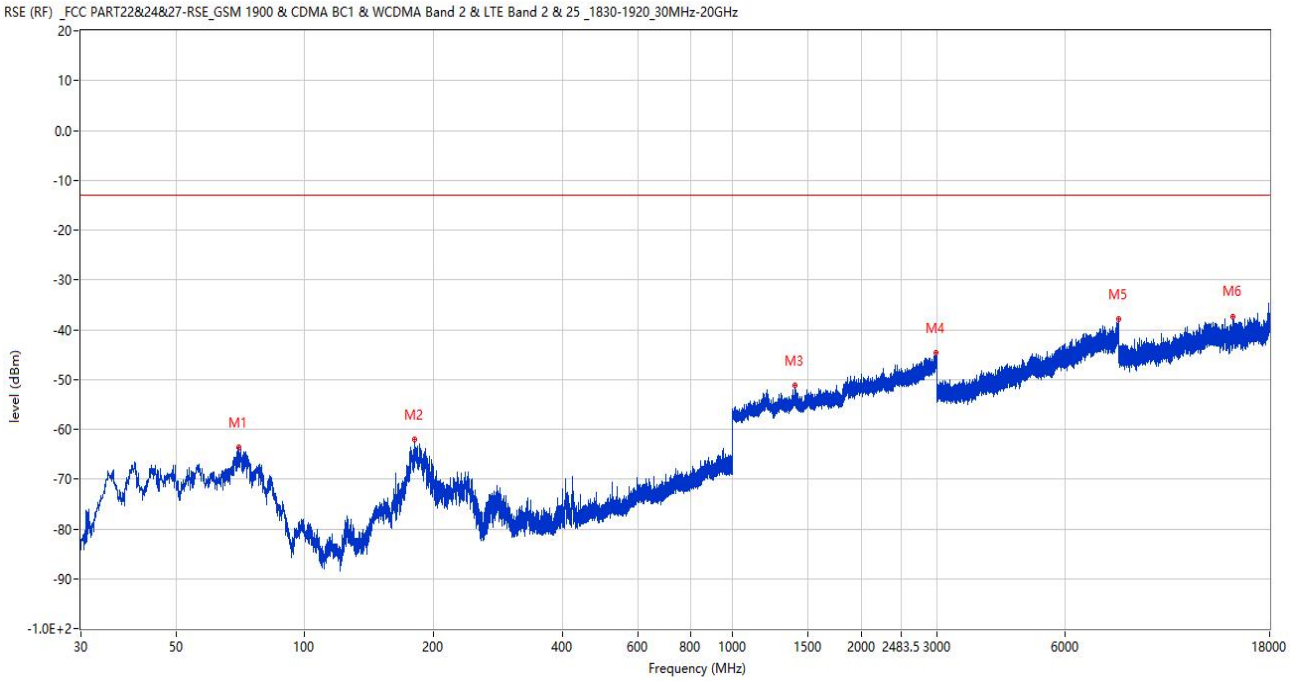
Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
69.576	-65.27	-17.94	-13.0	52.27	130.00	Vertical	Vertical	Pass
186.413	-63.04	-15.26	-13.0	50.04	77.00	Vertical	Vertical	Pass
1401.700	-51.63	0.76	-13.0	38.63	170.00	Vertical	Vertical	Pass
2810.700	-44.67	8.61	-13.0	31.67	359.00	Vertical	Vertical	Pass
6740.250	-39.58	15.10	-13.0	26.58	90.00	Vertical	Vertical	Pass
14805.500	-37.36	21.00	-13.0	24.36	340.00	Vertical	Vertical	Pass

Band:GSM1900,Channel:Mid Range



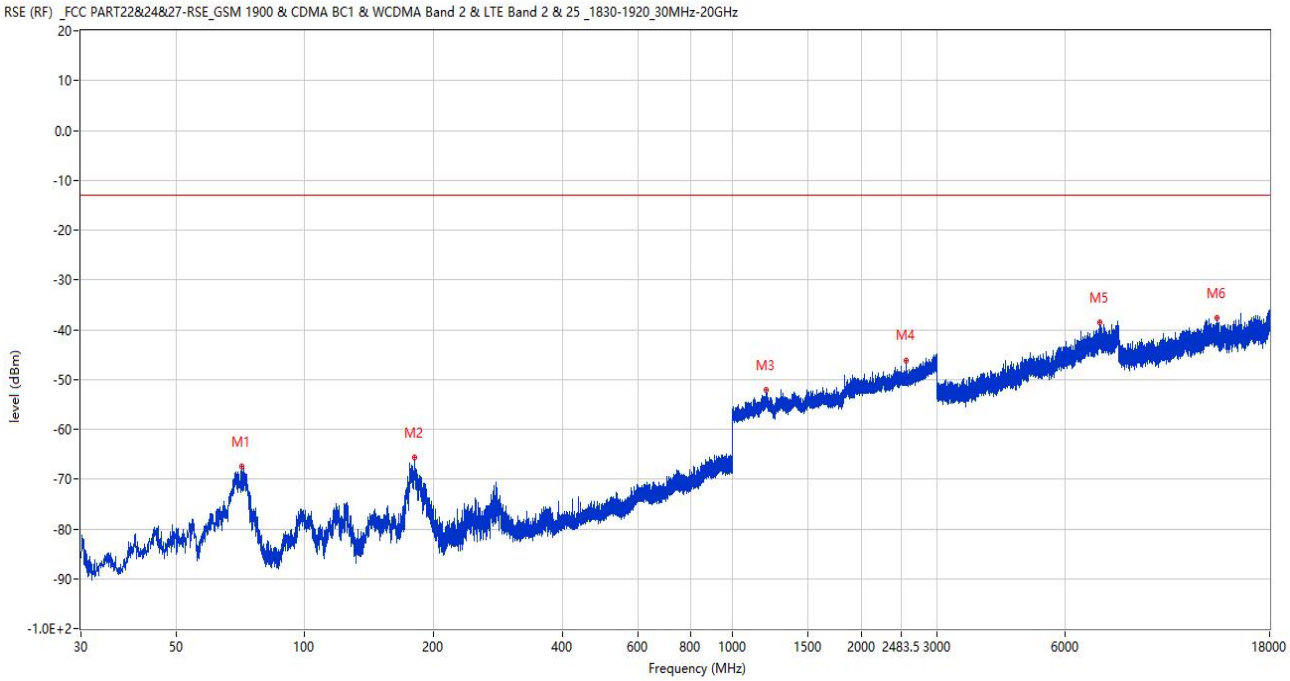
Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
72.486	-68.33	-18.92	-13.0	55.33	176.00	Horizontal	Vertical	Pass
177.343	-69.02	-16.04	-13.0	56.02	125.00	Horizontal	Vertical	Pass
284.916	-70.92	-11.34	-13.0	57.92	144.00	Horizontal	Vertical	Pass
1301.000	-52.13	0.54	-13.0	39.13	343.00	Horizontal	Vertical	Pass
6724.750	-38.95	14.97	-13.0	25.95	209.00	Horizontal	Vertical	Pass
13073.500	-38.23	19.09	-13.0	25.23	86.00	Horizontal	Vertical	Pass

Band:GSM1900,Channel:High Range



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
70.109	-63.71	-18.09	-13.0	50.71	100.00	Vertical	Vertical	Pass
180.302	-62.10	-15.80	-13.0	49.10	105.00	Vertical	Vertical	Pass
1398.500	-51.19	0.81	-13.0	38.19	0.00	Vertical	Vertical	Pass
2985.000	-44.59	9.91	-13.0	31.59	255.00	Vertical	Vertical	Pass
7992.750	-37.78	17.14	-13.0	24.78	41.00	Vertical	Vertical	Pass
14809.000	-37.34	21.08	-13.0	24.34	319.00	Vertical	Vertical	Pass

Band:GSM1900,Channel:High Range

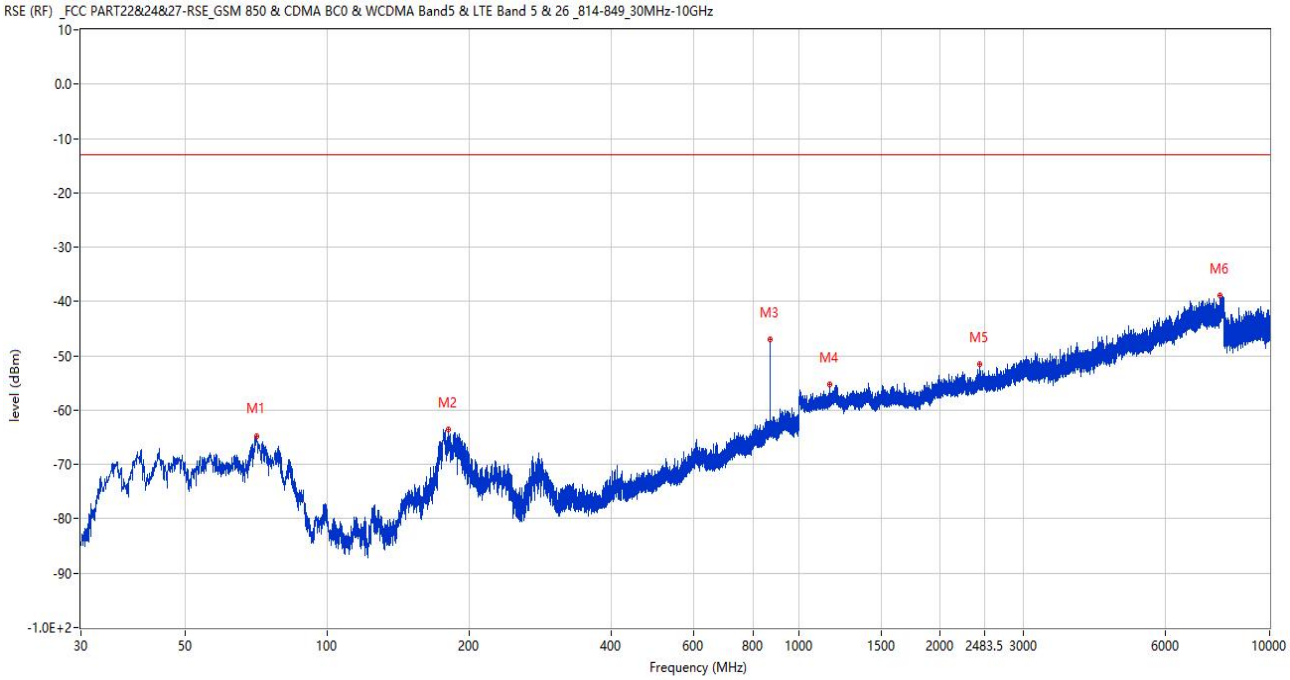


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
71.176	-67.47	-18.49	-13.0	54.47	172.00	Horizontal	Vertical	Pass
180.544	-65.58	-15.79	-13.0	52.58	93.00	Horizontal	Vertical	Pass
1200.100	-52.13	0.88	-13.0	39.13	227.00	Horizontal	Vertical	Pass
2541.400	-46.10	5.64	-13.0	33.10	324.00	Horizontal	Vertical	Pass
7236.750	-38.56	16.29	-13.0	25.56	352.00	Horizontal	Vertical	Pass
13535.500	-37.62	19.34	-13.0	24.62	16.00	Horizontal	Vertical	Pass

2. GPRS

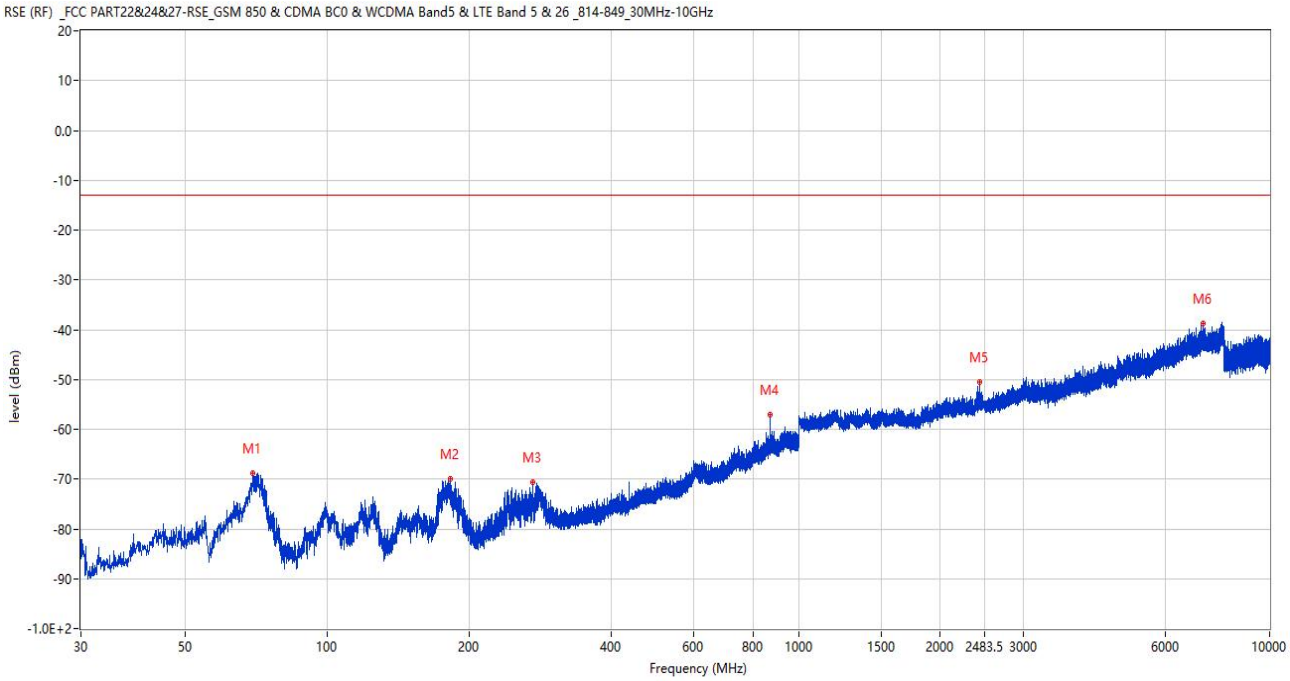
2.1 GPRS 850

Band:GPRS850,Channel:Low Range



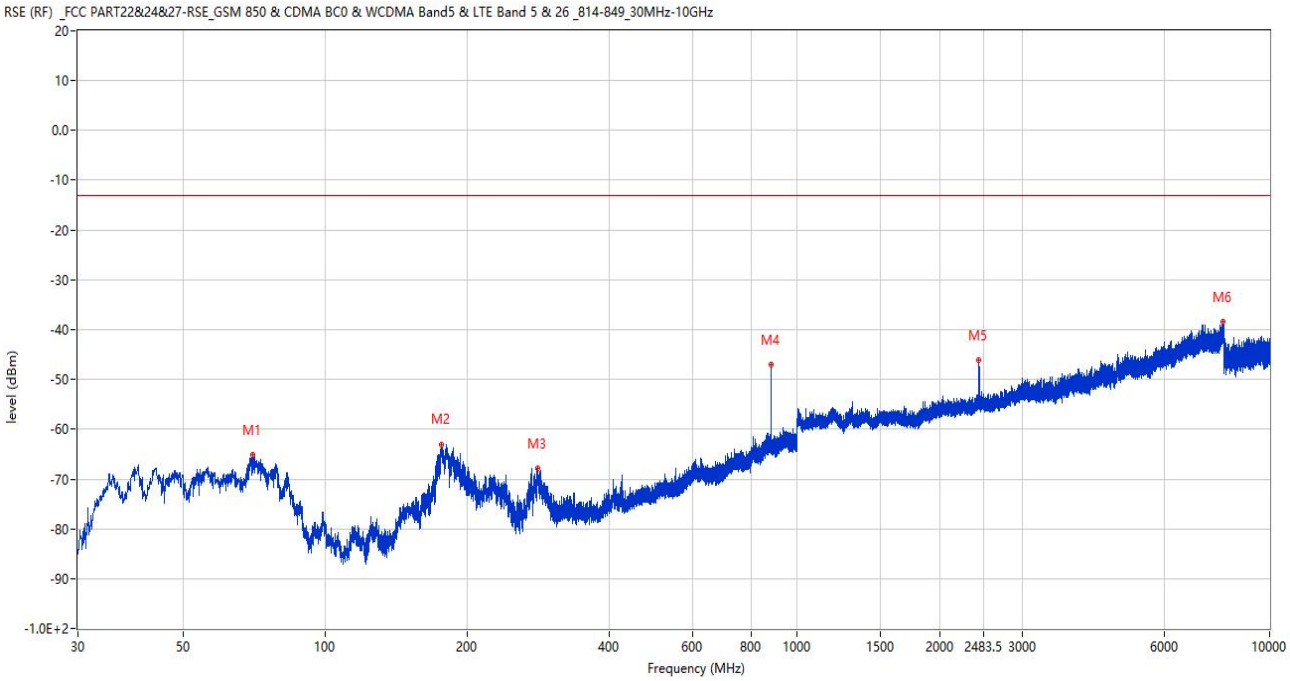
Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
70.788	-64.69	-17.26	-13.0	51.69	152.00	Vertical	Vertical	Pass
180.884	-63.51	-13.88	-13.0	50.51	69.00	Vertical	Vertical	Pass
869.196	-47.07	6.89	-13.0	34.07	164.00	Vertical	Vertical	N/A
1167.200	-55.25	-2.53	-13.0	42.25	350.00	Vertical	Vertical	Pass
2426.600	-50.45	0.70	-13.0	37.45	137.00	Vertical	Vertical	Pass
7857.250	-38.81	16.99	-13.0	25.81	86.00	Vertical	Vertical	Pass

Band:GPRS850,Channel:Low Range



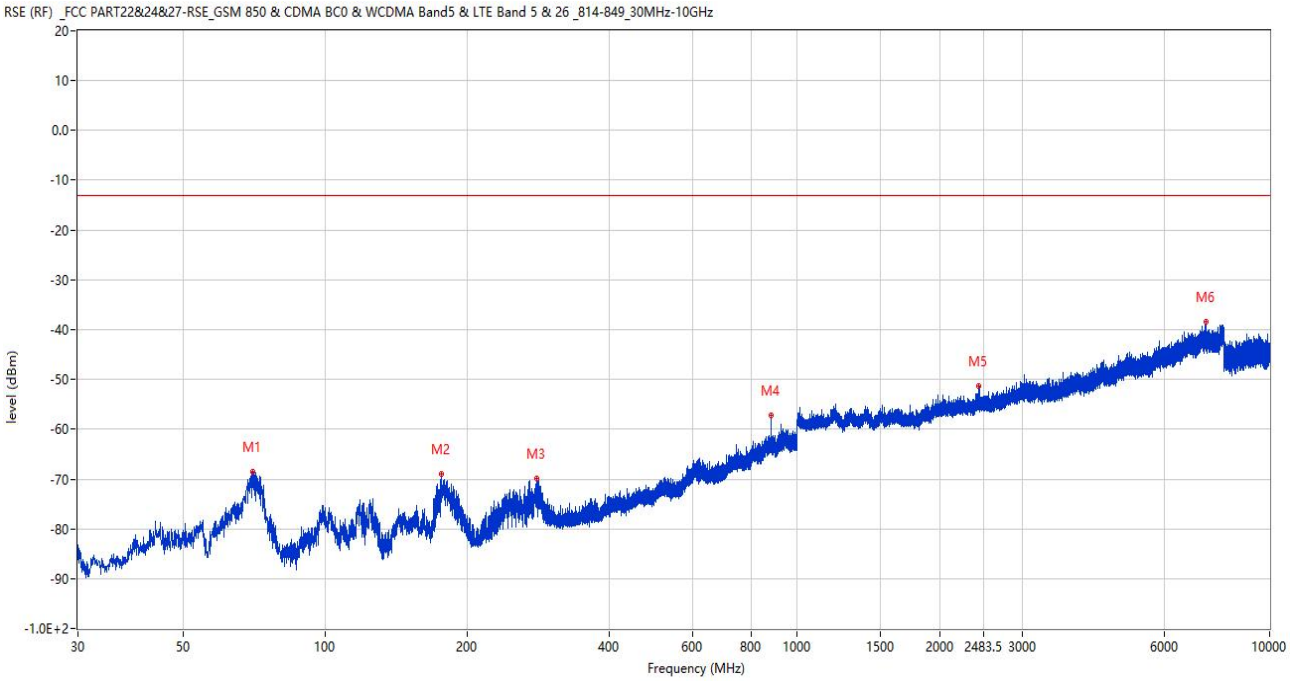
Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
69.624	-68.82	-16.89	-13.0	55.82	196.00	Horizontal	Vertical	Pass
182.581	-69.95	-13.75	-13.0	56.95	290.00	Horizontal	Vertical	Pass
272.646	-70.72	-9.89	-13.0	57.72	302.00	Horizontal	Vertical	Pass
869.196	-57.13	6.89	-13.0	44.13	119.00	Horizontal	Vertical	N/A
2426.400	-50.61	0.70	-13.0	37.61	261.00	Horizontal	Vertical	Pass
7217.500	-38.84	15.87	-13.0	25.84	123.00	Horizontal	Vertical	Pass

Band:GPRS850,Channel:Mid Range



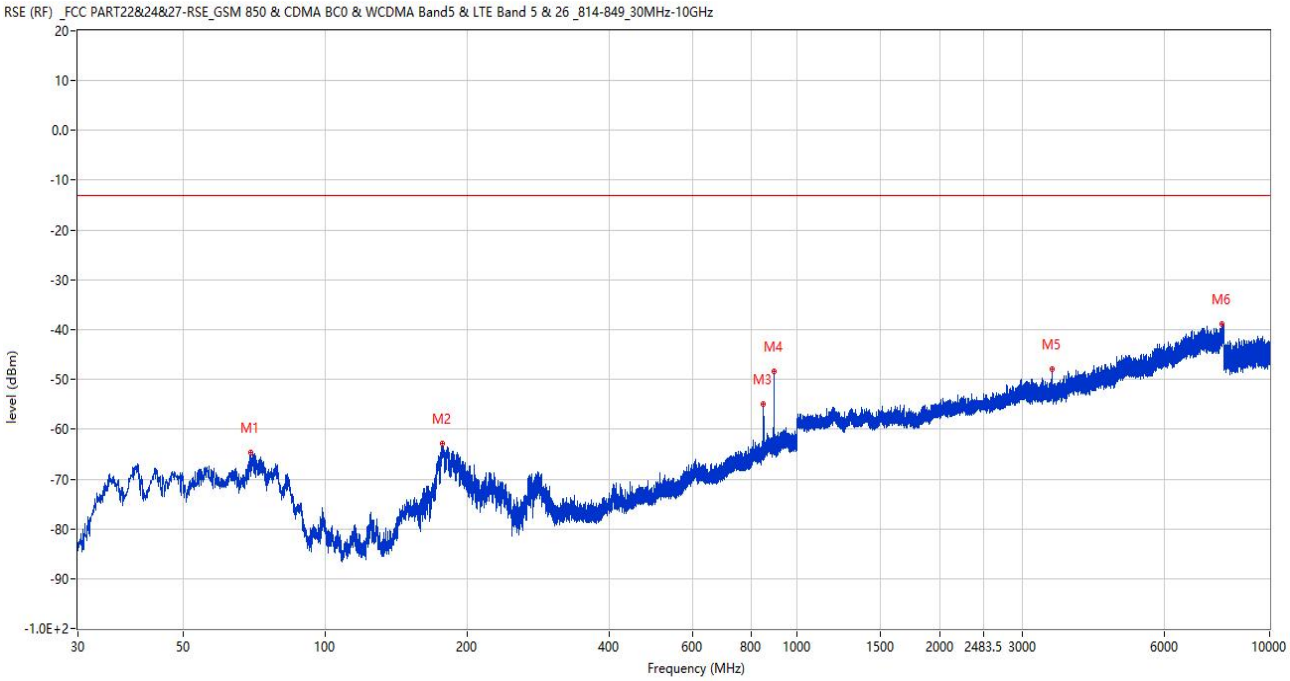
Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
70.400	-65.07	-17.11	-13.0	52.07	141.00	Vertical	Vertical	Pass
176.033	-62.99	-14.28	-13.0	49.99	52.00	Vertical	Vertical	Pass
282.249	-67.92	-9.46	-13.0	54.92	318.00	Vertical	Vertical	Pass
881.563	-46.96	6.90	-13.0	33.96	166.00	Vertical	Vertical	N/A
2426.500	-46.04	0.70	-13.0	33.04	322.00	Vertical	Vertical	Pass
7958.250	-38.39	17.55	-13.0	25.39	353.00	Vertical	Vertical	Pass

Band:PRS850,Channel:Mid Range



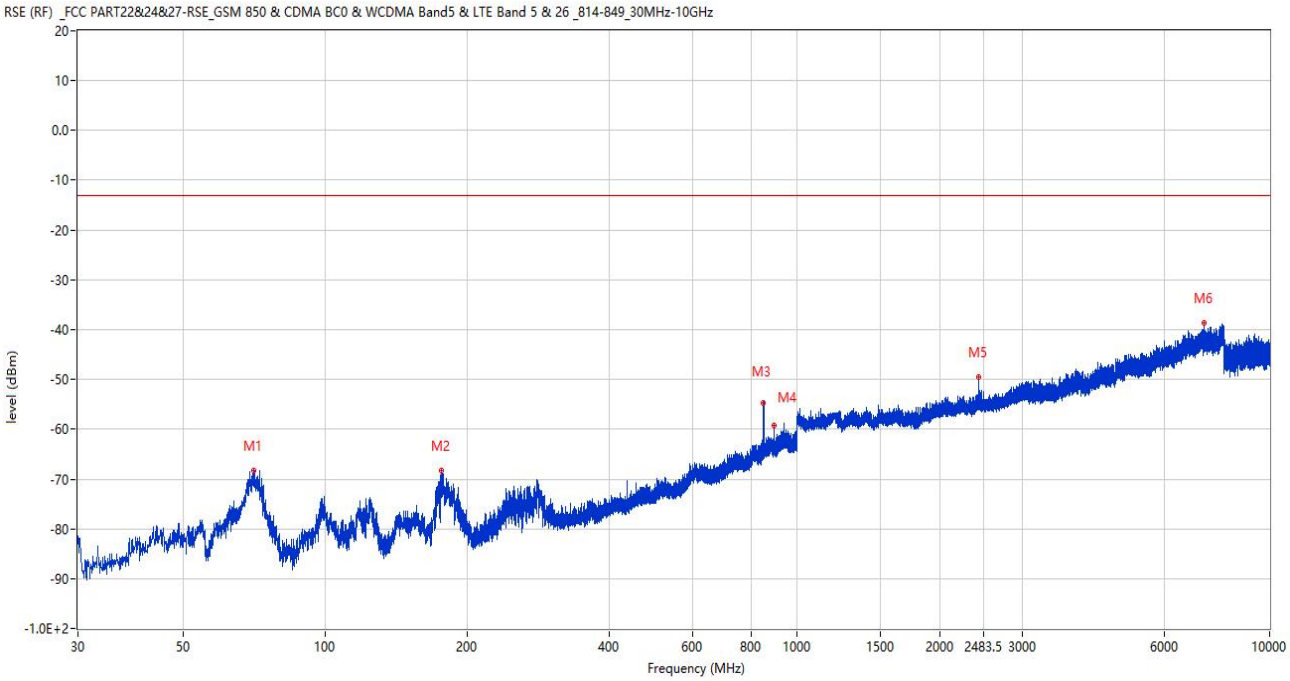
Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
70.255	-68.61	-17.06	-13.0	55.61	164.00	Horizontal	Vertical	Pass
176.373	-69.01	-14.25	-13.0	56.01	108.00	Horizontal	Vertical	Pass
280.309	-69.87	-9.65	-13.0	56.87	0.00	Horizontal	Vertical	Pass
881.612	-57.27	6.90	-13.0	44.27	83.00	Horizontal	Vertical	N/A
2425.900	-51.30	0.71	-13.0	38.30	360.00	Horizontal	Vertical	Pass
7348.750	-38.51	15.87	-13.0	25.51	0.00	Horizontal	Vertical	Pass

Band:GPRS850,Channel:High Range



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
69.527	-64.70	-16.87	-13.0	51.70	127.00	Vertical	Vertical	Pass
177.197	-62.89	-14.21	-13.0	49.89	50.00	Vertical	Vertical	Pass
848.777	-55.05	6.24	-13.0	42.05	185.00	Vertical	Vertical	N/A
893.785	-48.31	6.76	-13.0	35.31	166.00	Vertical	Vertical	N/A
3465.000	-47.93	6.25	-13.0	34.93	360.00	Vertical	Vertical	Pass
7943.750	-38.84	17.12	-13.0	25.84	1.00	Vertical	Vertical	Pass

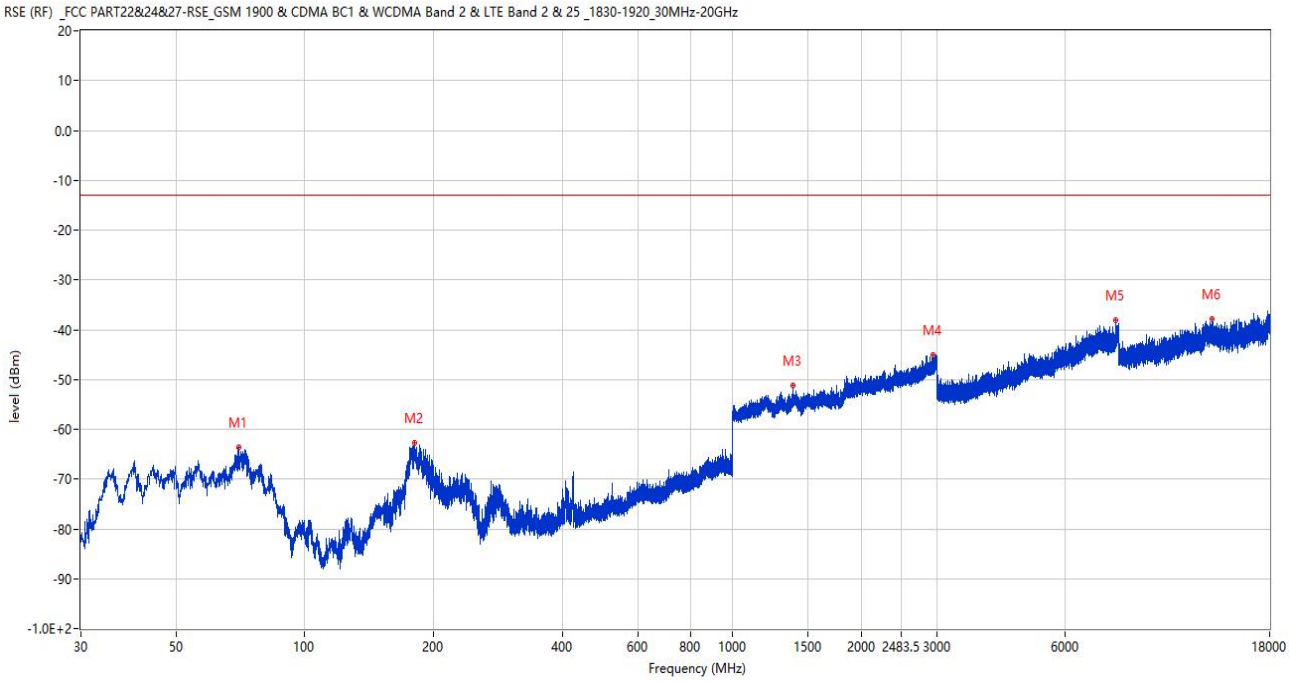
Band:GPRS850,Channel:High Range



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
70.788	-68.22	-17.26	-13.0	55.22	163.00	Horizontal	Vertical	Pass
176.809	-68.34	-14.22	-13.0	55.34	118.00	Horizontal	Vertical	Pass
848.825	-54.65	6.25	-13.0	41.65	360.00	Horizontal	Vertical	N/A
893.833	-59.16	6.76	-13.0	46.16	272.00	Horizontal	Vertical	N/A
2426.200	-49.53	0.70	-13.0	36.53	327.00	Horizontal	Vertical	Pass
7253.500	-38.75	15.96	-13.0	25.75	262.00	Horizontal	Vertical	Pass

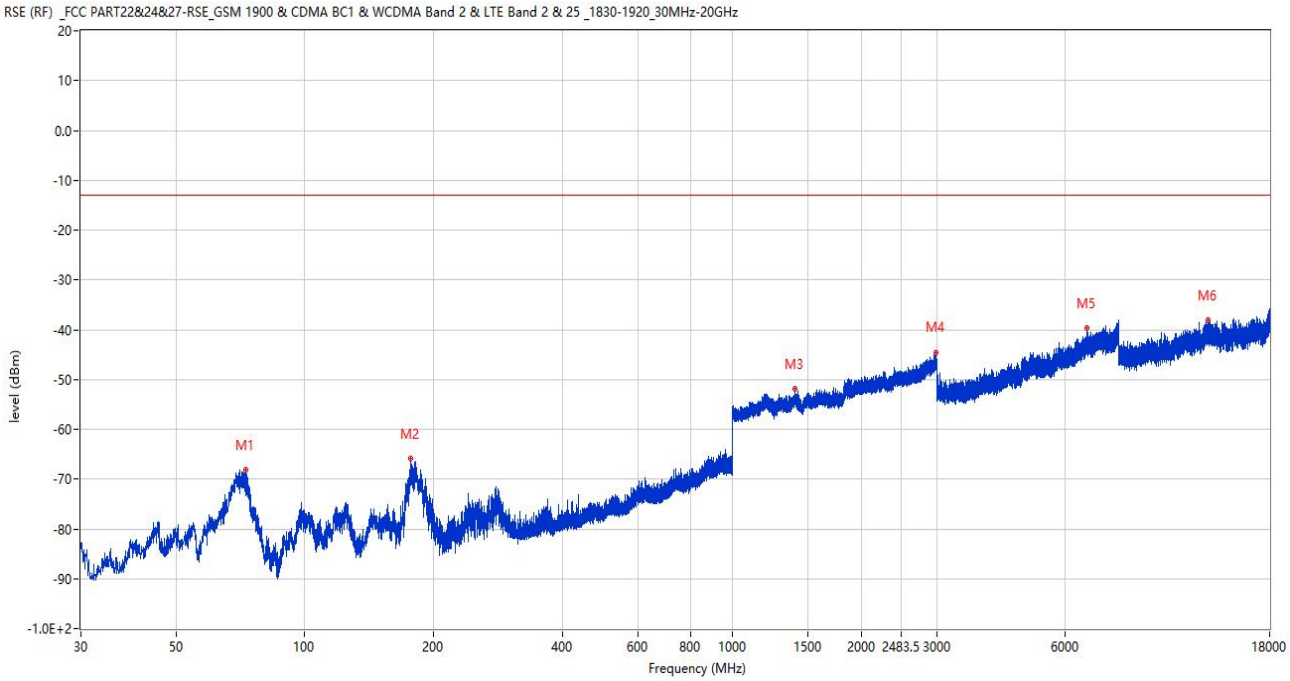
2.2 GPRS 1900

Band:GPRS1900,Channel:Low Range



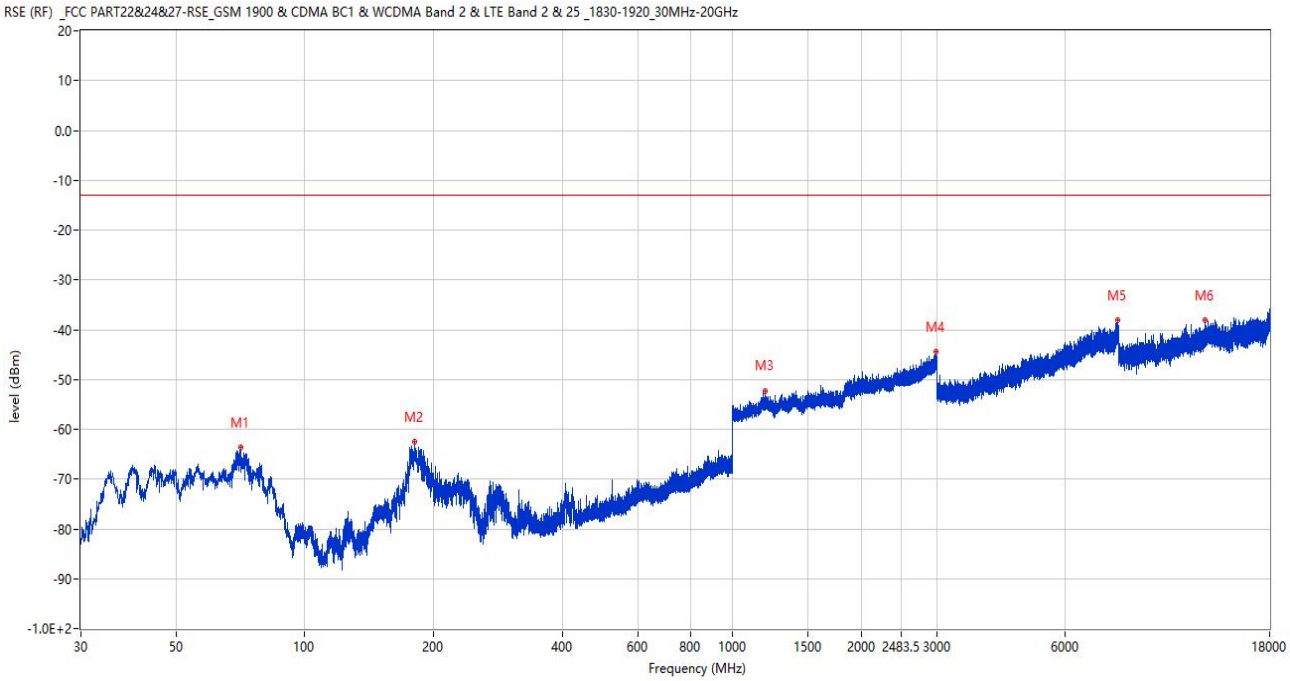
Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
70.255	-63.54	-18.14	-13.0	50.54	109.00	Vertical	Vertical	Pass
181.029	-62.76	-15.76	-13.0	49.76	65.00	Vertical	Vertical	Pass
1381.600	-51.30	0.60	-13.0	38.30	0.00	Vertical	Vertical	Pass
2940.200	-45.18	9.97	-13.0	32.18	274.00	Vertical	Vertical	Pass
7865.250	-38.08	17.09	-13.0	25.08	1.00	Vertical	Vertical	Pass
13185.500	-37.87	18.16	-13.0	24.87	3.00	Vertical	Vertical	Pass

Band:GPRS1900,Channel:Low Range



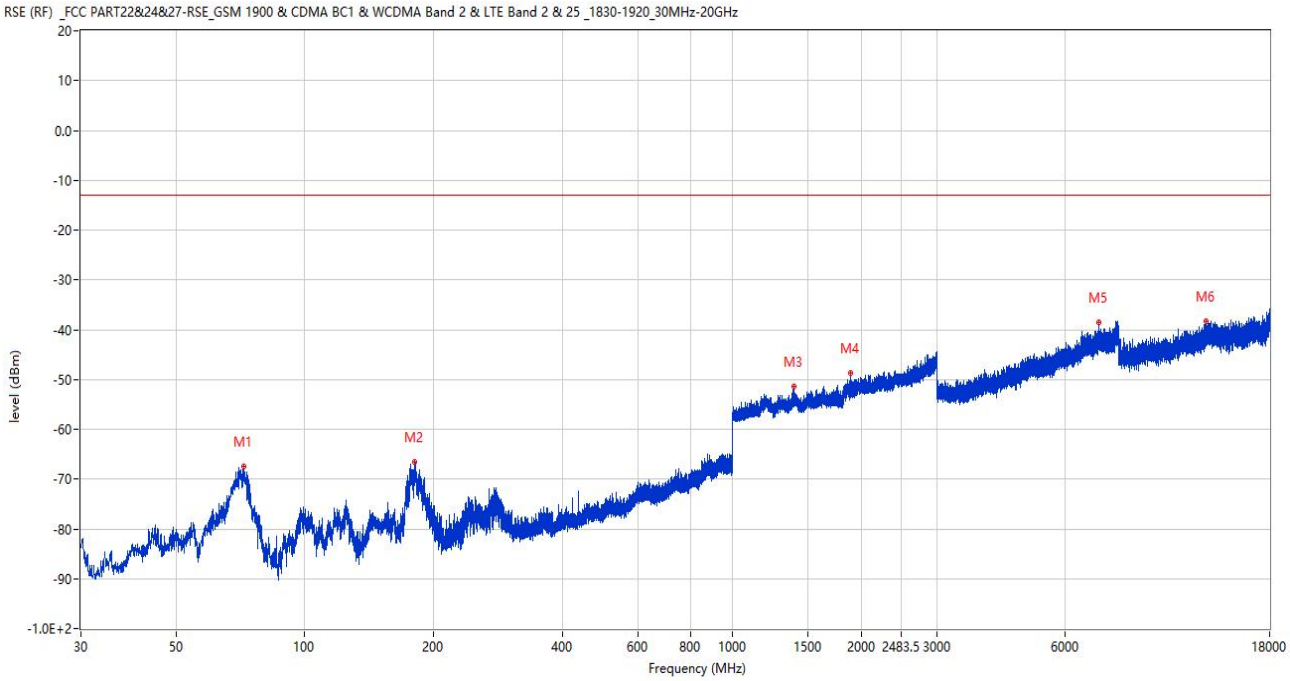
Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
72.729	-68.13	-18.98	-13.0	55.13	184.00	Horizontal	Vertical	Pass
177.003	-65.98	-16.06	-13.0	52.98	100.00	Horizontal	Vertical	Pass
1398.100	-51.96	0.80	-13.0	38.96	97.00	Horizontal	Vertical	Pass
2983.300	-44.58	9.78	-13.0	31.58	104.00	Horizontal	Vertical	Pass
6736.500	-39.63	15.11	-13.0	26.63	172.00	Horizontal	Vertical	Pass
12931.500	-38.12	19.10	-13.0	25.12	360.00	Horizontal	Vertical	Pass

Band:GPRS1900,Channel:Mid Range



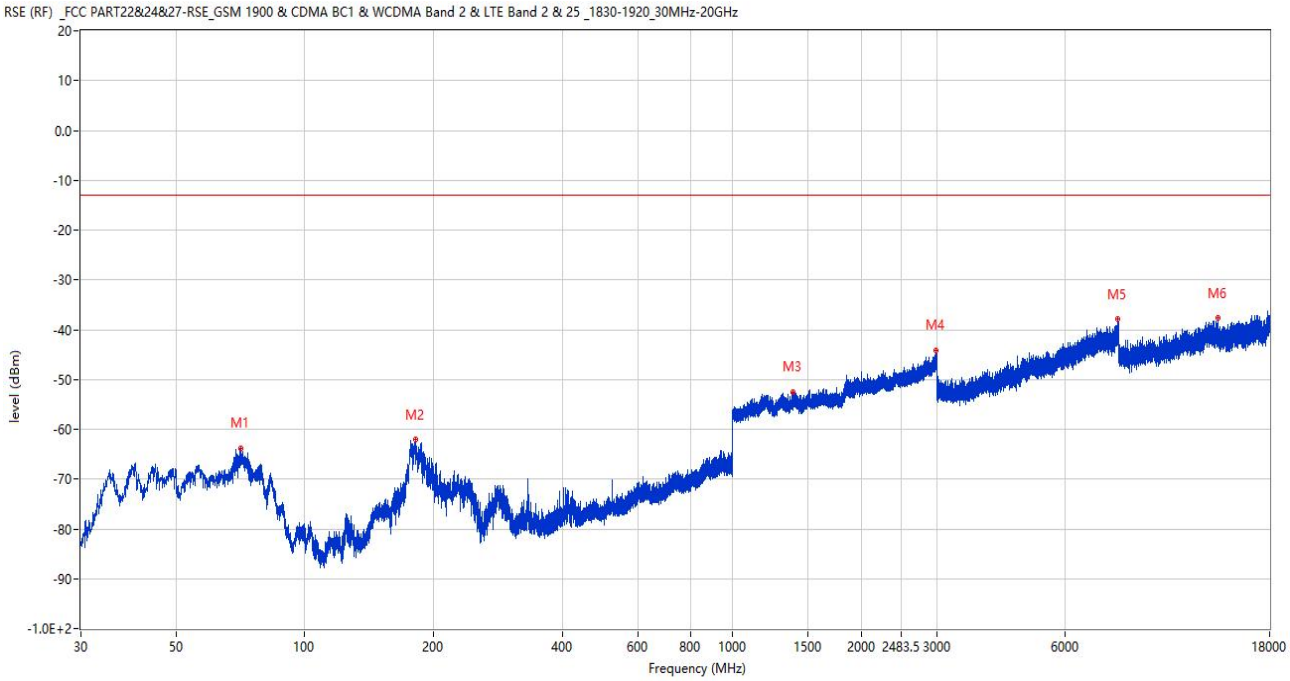
Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
70.982	-63.69	-18.42	-13.0	50.69	108.00	Vertical	Vertical	Pass
180.932	-62.47	-15.77	-13.0	49.47	127.00	Vertical	Vertical	Pass
1193.200	-52.23	0.42	-13.0	39.23	0.00	Vertical	Vertical	Pass
2984.100	-44.48	9.82	-13.0	31.48	358.00	Vertical	Vertical	Pass
7951.500	-38.14	17.43	-13.0	25.14	290.00	Vertical	Vertical	Pass
12711.000	-38.01	18.53	-13.0	25.01	106.00	Vertical	Vertical	Pass

Band:GPRS1900,Channel:Mid Range



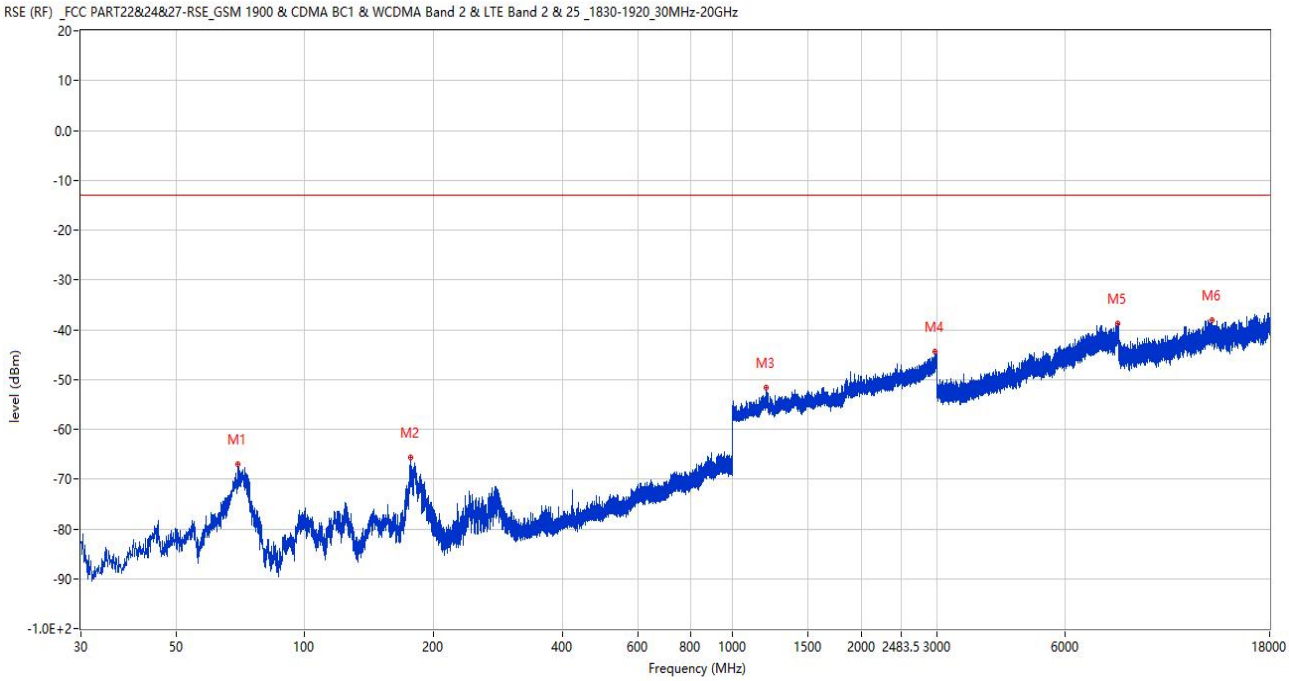
Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
72.098	-67.38	-18.83	-13.0	54.38	156.00	Horizontal	Vertical	Pass
180.835	-66.60	-15.77	-13.0	53.60	111.00	Horizontal	Vertical	Pass
1393.400	-51.48	0.70	-13.0	38.48	0.00	Horizontal	Vertical	Pass
1888.900	-48.79	3.09	-13.0	35.79	143.00	Horizontal	Vertical	N/A
7173.250	-38.61	15.57	-13.0	25.61	182.00	Horizontal	Vertical	Pass
12789.000	-38.24	18.93	-13.0	25.24	106.00	Horizontal	Vertical	Pass

Band:GPRS1900,Channel:High Range



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
70.982	-63.73	-18.42	-13.0	50.73	131.00	Vertical	Vertical	Pass
181.223	-62.05	-15.74	-13.0	49.05	131.00	Vertical	Vertical	Pass
1384.700	-52.46	0.55	-13.0	39.46	309.00	Vertical	Vertical	Pass
2987.300	-44.15	10.15	-13.0	31.15	88.00	Vertical	Vertical	Pass
7952.250	-37.93	17.47	-13.0	24.93	360.00	Vertical	Vertical	Pass
13635.000	-37.61	18.32	-13.0	24.61	3.00	Vertical	Vertical	Pass

Band:GPRS1900,Channel:High Range

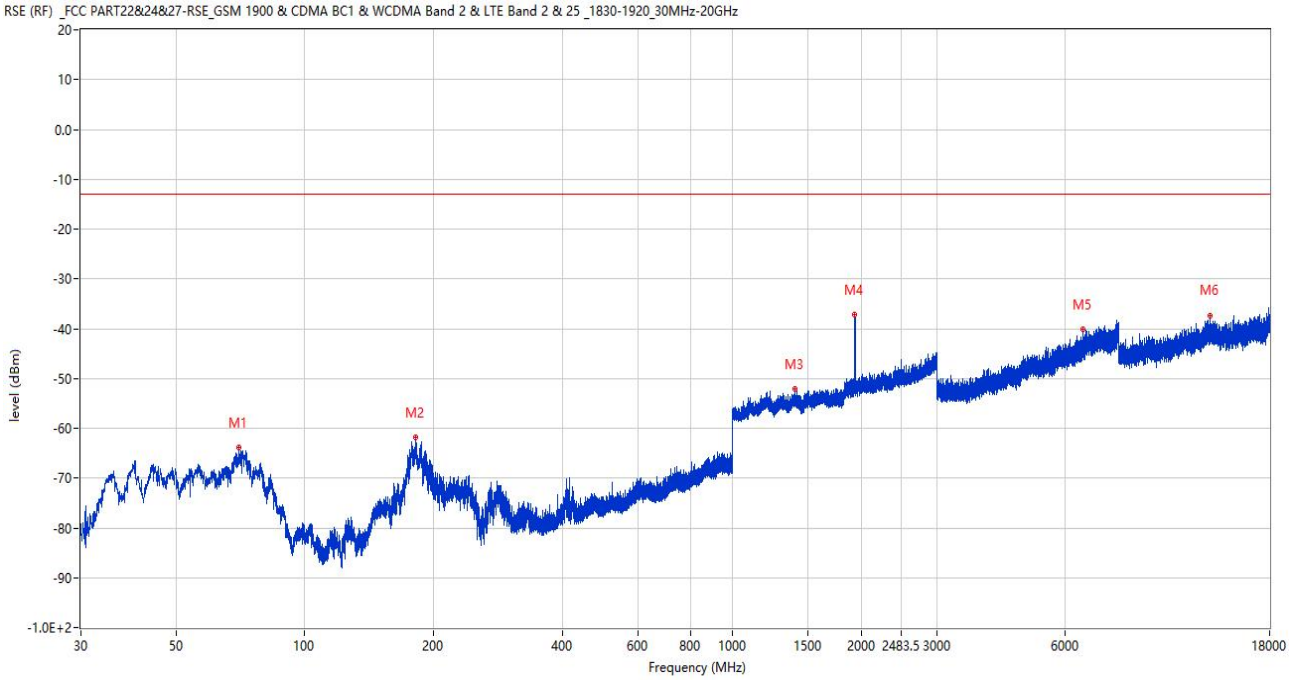


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
69.721	-67.08	-17.98	-13.0	54.08	173.00	Horizontal	Vertical	Pass
176.470	-65.64	-16.09	-13.0	52.64	108.00	Horizontal	Vertical	Pass
1196.300	-51.57	0.68	-13.0	38.57	203.00	Horizontal	Vertical	Pass
2971.900	-44.47	9.49	-13.0	31.47	77.00	Horizontal	Vertical	Pass
7932.500	-38.82	17.22	-13.0	25.82	1.00	Horizontal	Vertical	Pass
13207.000	-38.01	18.15	-13.0	25.01	139.00	Horizontal	Vertical	Pass

3. WCDMA

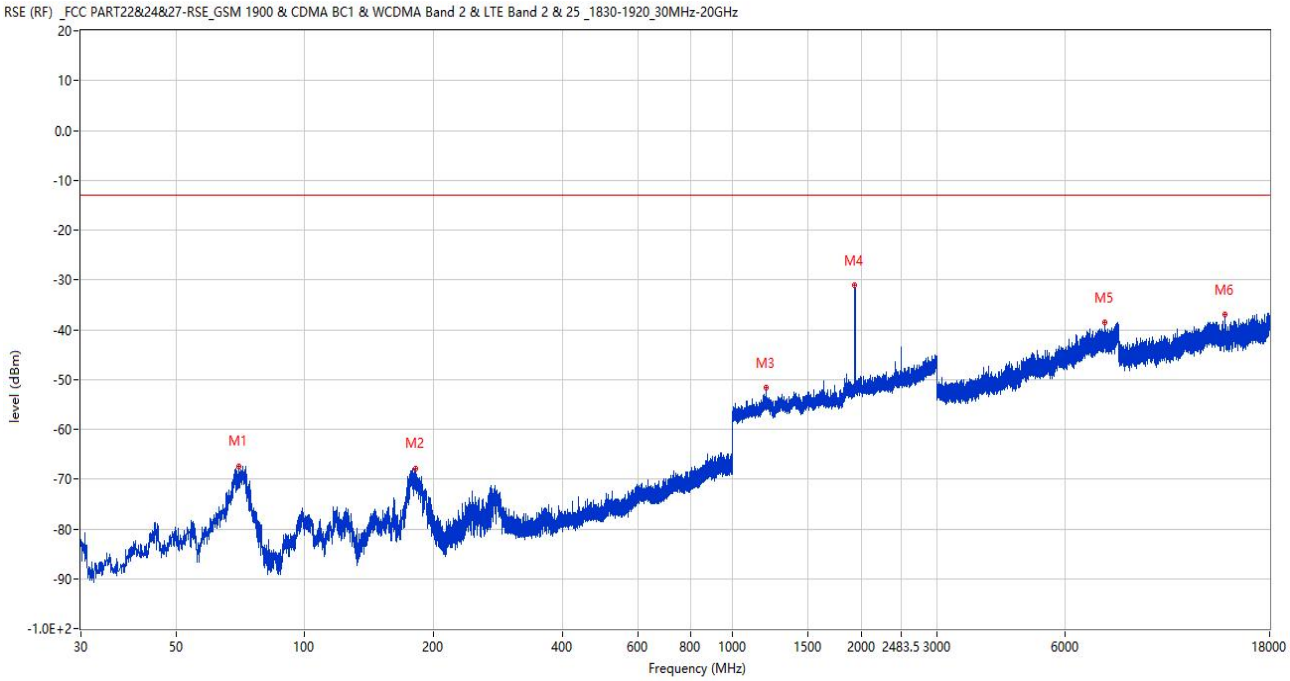
3.1 WCDMA Band 2

Band:WCDMA B2,Channel:Low Range



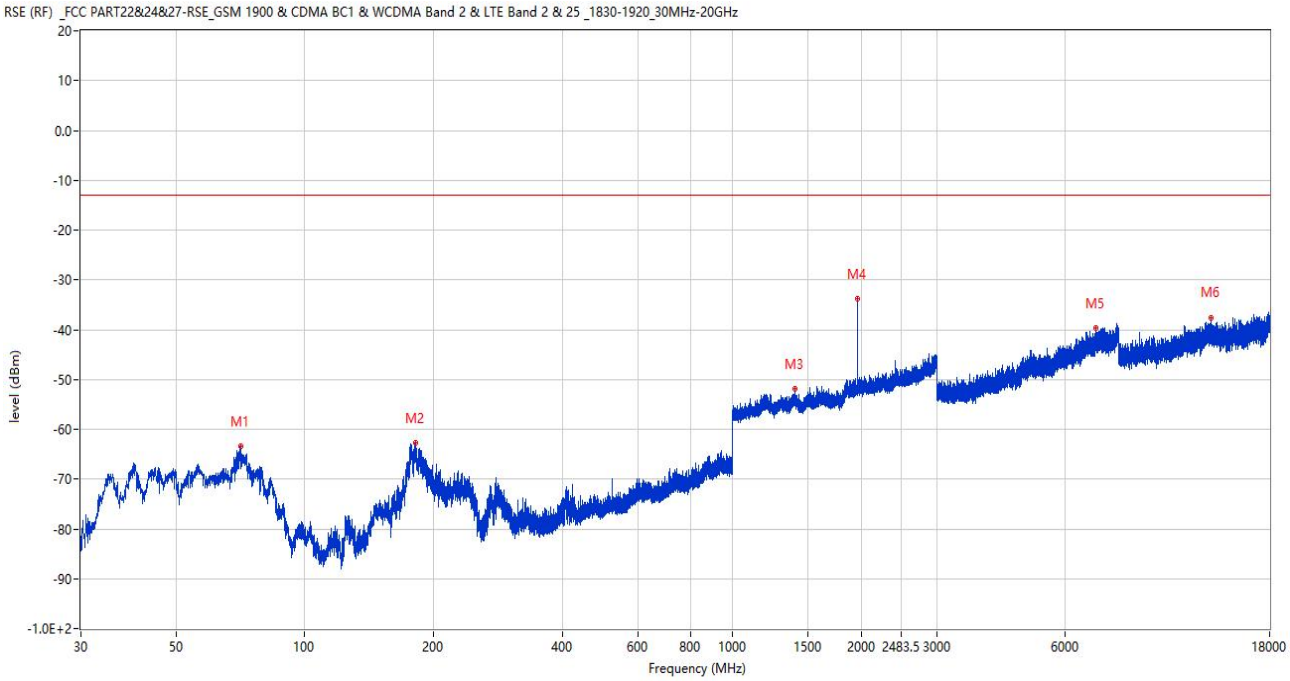
Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
70.255	-63.78	-18.14	-13.0	50.78	114.00	Vertical	Vertical	Pass
181.854	-61.87	-15.69	-13.0	48.87	77.00	Vertical	Vertical	Pass
1401.500	-52.18	0.78	-13.0	39.18	357.00	Vertical	Vertical	Pass
1931.900	-37.27	3.39	-13.0	24.27	284.00	Vertical	Vertical	N/A
6585.500	-40.14	14.26	-13.0	27.14	340.00	Vertical	Vertical	Pass
13055.500	-37.30	18.86	-13.0	24.30	142.00	Vertical	Vertical	Pass

Band:WCDMA B2,Channel:Low Range



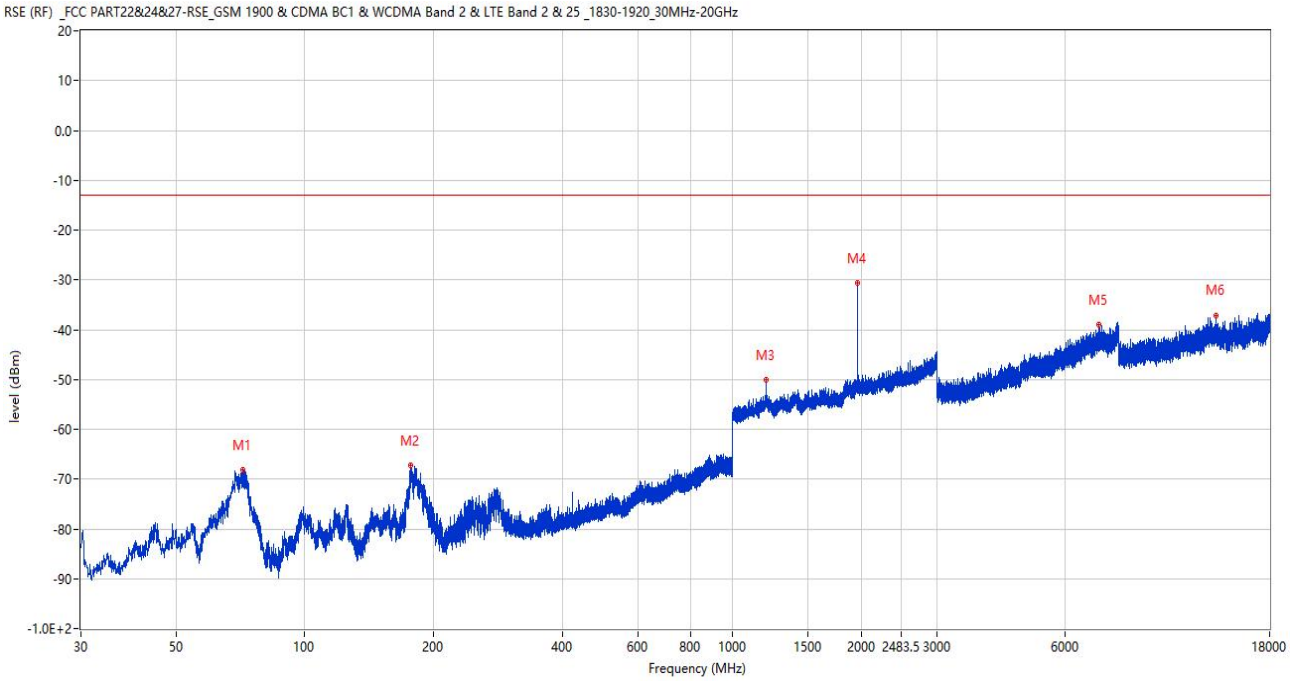
Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
70.352	-67.42	-18.18	-13.0	54.42	162.00	Horizontal	Vertical	Pass
181.466	-67.82	-15.72	-13.0	54.82	265.00	Horizontal	Vertical	Pass
1201.200	-51.73	0.87	-13.0	38.73	151.00	Horizontal	Vertical	Pass
1932.700	-30.99	3.30	-13.0	17.99	144.00	Horizontal	Vertical	N/A
7413.750	-38.63	15.49	-13.0	25.63	360.00	Horizontal	Vertical	Pass
14174.000	-36.89	18.33	-13.0	23.89	69.00	Horizontal	Vertical	Pass

Band:WCDMA B2,Channel:Mid Range



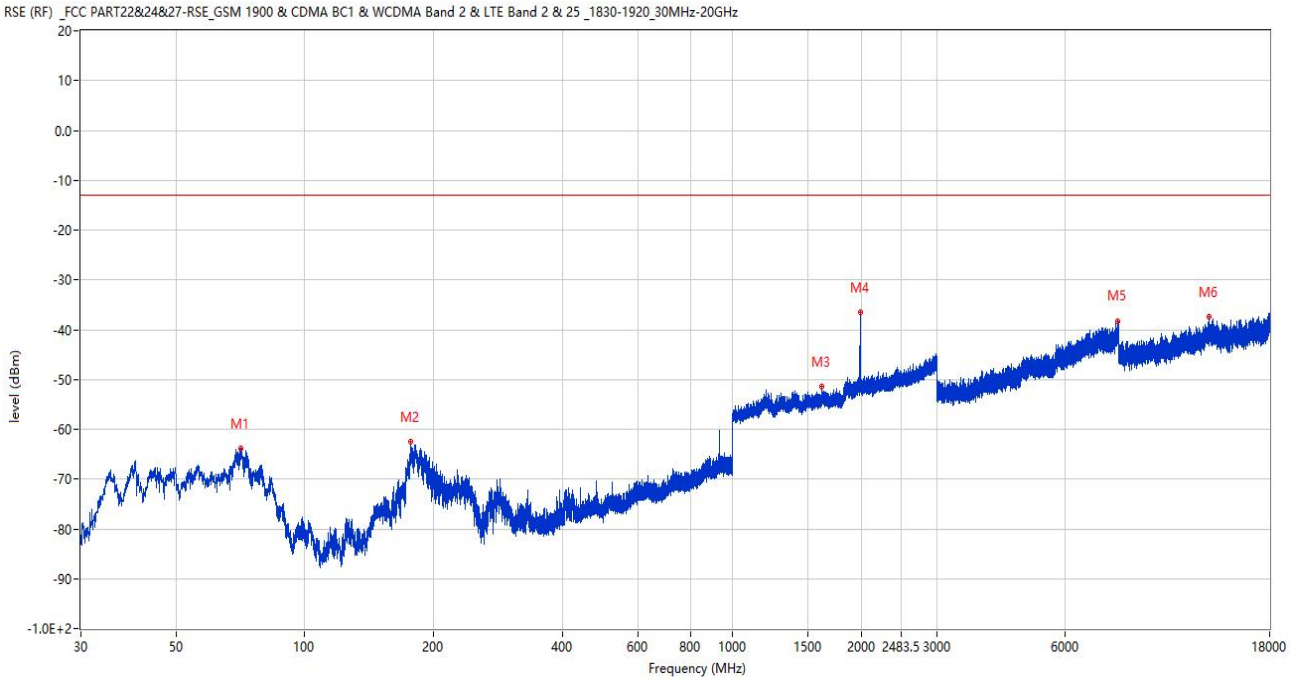
Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
70.740	-63.41	-18.33	-13.0	50.41	123.00	Vertical	Vertical	Pass
181.320	-62.82	-15.73	-13.0	49.82	59.00	Vertical	Vertical	Pass
1400.300	-51.94	0.82	-13.0	38.94	0.00	Vertical	Vertical	Pass
1959.300	-33.75	2.91	-13.0	20.75	359.00	Vertical	Vertical	N/A
7074.500	-39.71	15.58	-13.0	26.71	290.00	Vertical	Vertical	Pass
13141.000	-37.54	18.55	-13.0	24.54	3.00	Vertical	Vertical	Pass

Band:WCDMA B2,Channel:Mid Range



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
71.807	-68.23	-18.72	-13.0	55.23	187.00	Horizontal	Vertical	Pass
177.343	-67.28	-16.04	-13.0	54.28	104.00	Horizontal	Vertical	Pass
1198.000	-50.03	0.77	-13.0	37.03	206.00	Horizontal	Vertical	Pass
1961.500	-30.62	3.03	-13.0	17.62	132.00	Horizontal	Vertical	N/A
7185.750	-38.99	15.36	-13.0	25.99	210.00	Horizontal	Vertical	Pass
13511.500	-37.06	18.76	-13.0	24.06	350.00	Horizontal	Vertical	Pass

Band:WCDMA B2,Channel:High Range



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
70.788	-63.83	-18.34	-13.0	50.83	113.00	Vertical	Vertical	Pass
176.858	-62.59	-16.06	-13.0	49.59	50.00	Vertical	Vertical	Pass
1620.200	-51.34	1.03	-13.0	38.34	5.00	Vertical	Vertical	Pass
1986.500	-36.46	3.10	-13.0	23.46	341.00	Vertical	Vertical	N/A
7946.750	-38.32	17.24	-13.0	25.32	40.00	Vertical	Vertical	Pass
12975.500	-37.46	18.63	-13.0	24.46	349.00	Vertical	Vertical	Pass