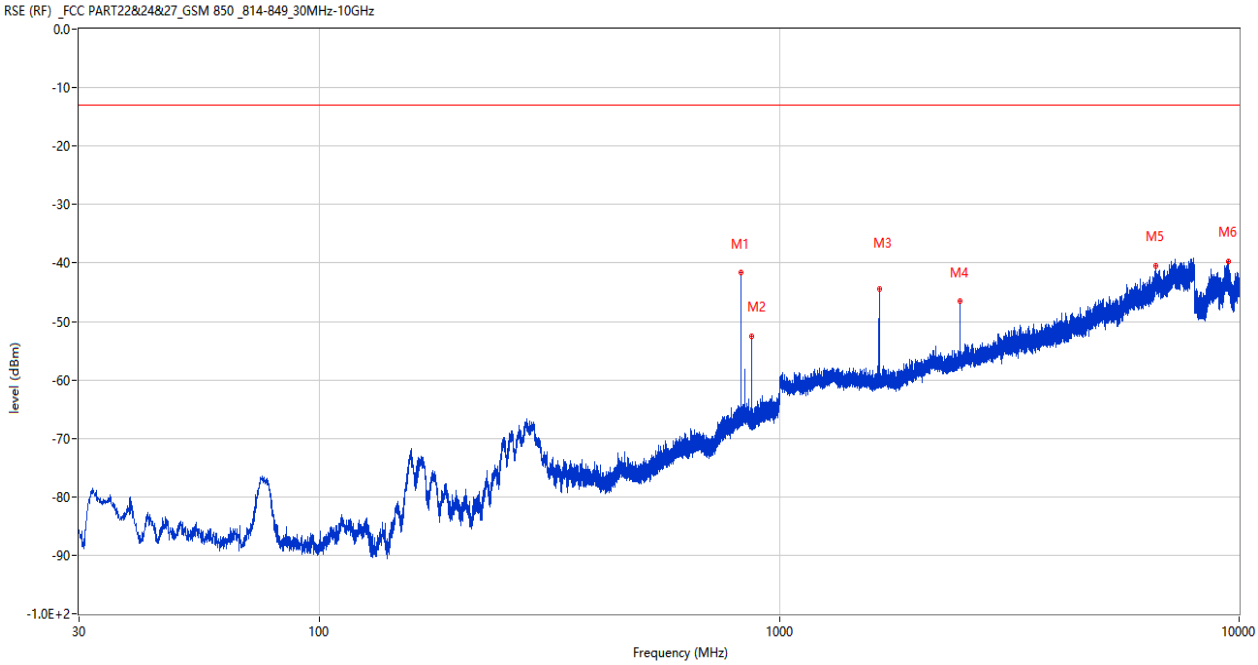
A.7 Field Strength of Spurious Radiation

1. GSM

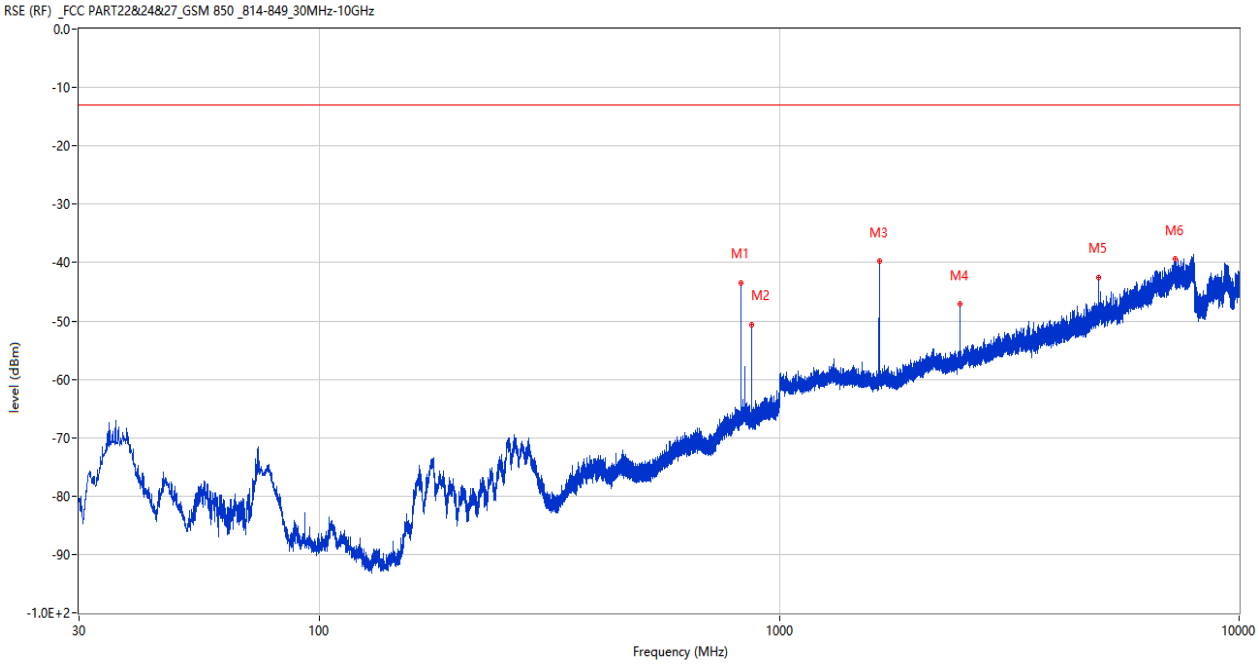
1.1 GSM 850

Band:GSM850,Channel:Low range



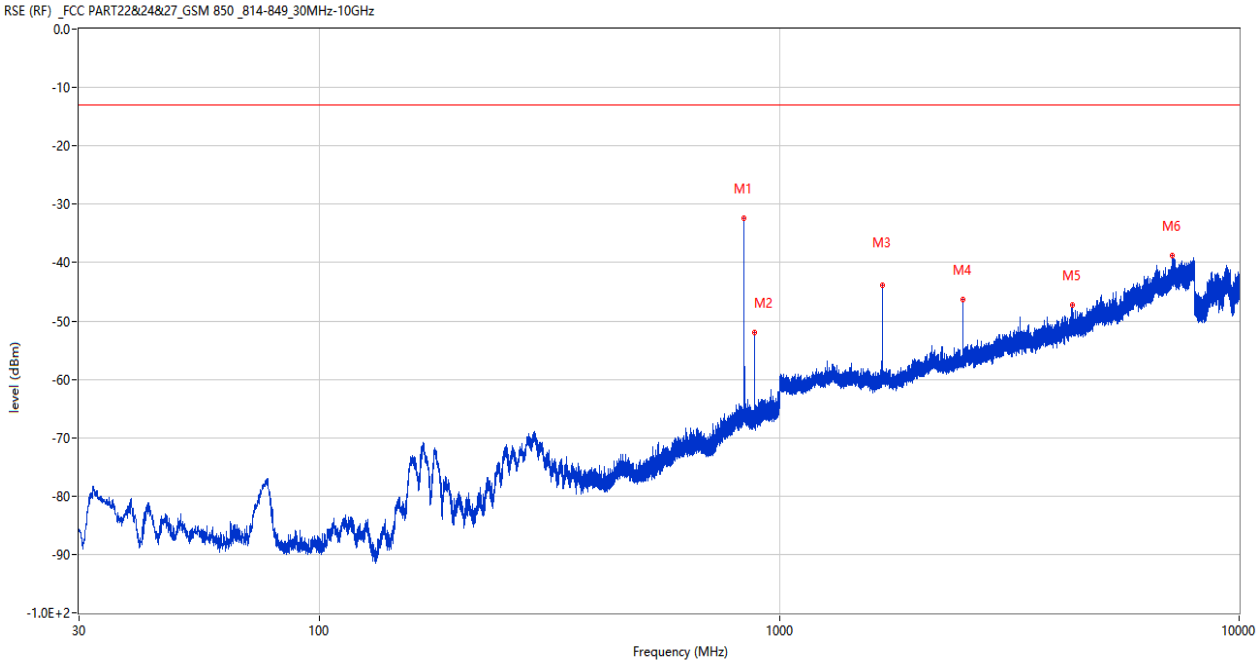
Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
824.188	-41.65	4.00	-13.0	28.65	179.00	Horizontal	Horizontal	N/A
869.196	-52.52	3.41	-13.0	39.52	13.00	Horizontal	Horizontal	N/A
1649.400	-44.52	-5.96	-13.0	31.52	207.00	Horizontal	Horizontal	Pass
2473.300	-46.56	-1.49	-13.0	33.56	176.00	Horizontal	Horizontal	Pass
6585.000	-40.43	13.45	-13.0	27.43	85.00	Horizontal	Horizontal	Pass
9470.099	-39.71	13.35	-13.0	26.71	0.00	Horizontal	Horizontal	Pass

Band:GSM850,Channel:Low range



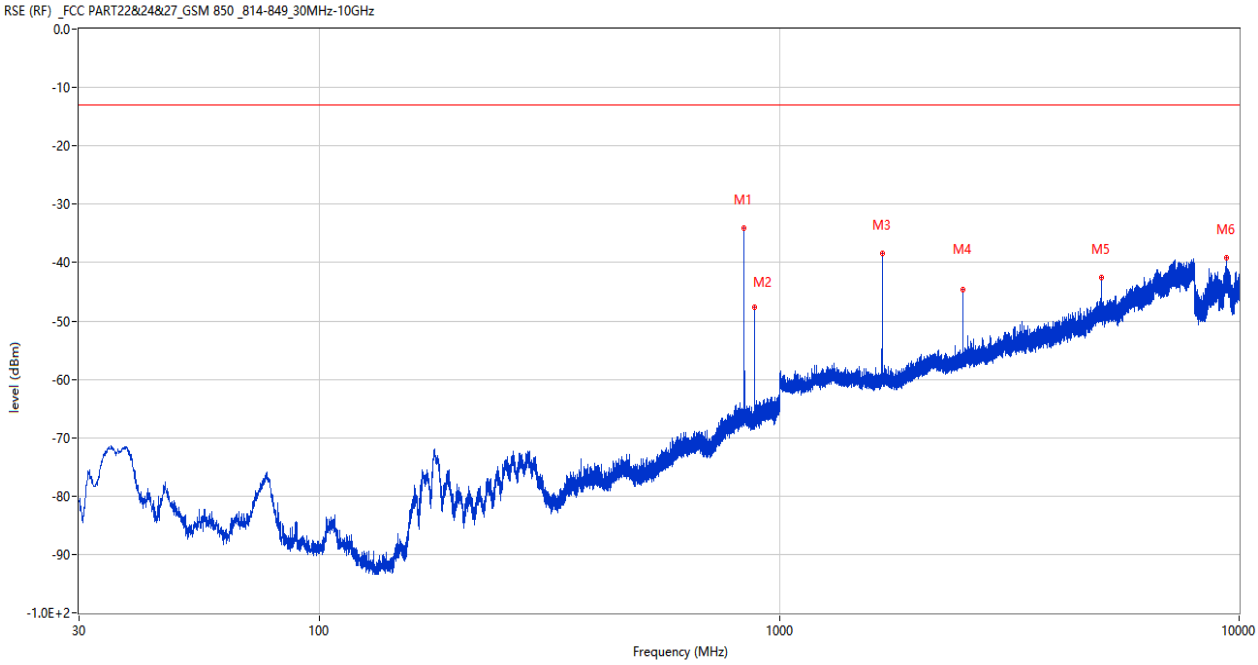
Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
824.236	-43.51	4.01	-13.0	30.51	212.00	Vertical	Horizontal	N/A
869.196	-50.74	3.41	-13.0	37.74	212.00	Vertical	Horizontal	N/A
1649.100	-39.75	-5.95	-13.0	26.75	160.00	Vertical	Horizontal	Pass
2473.700	-47.12	-1.46	-13.0	34.12	147.00	Vertical	Horizontal	Pass
4945.500	-42.55	8.30	-13.0	29.55	183.00	Vertical	Horizontal	Pass
7251.500	-39.41	14.85	-13.0	26.41	313.00	Vertical	Horizontal	Pass

Band:GSM850,Channel:Mid range



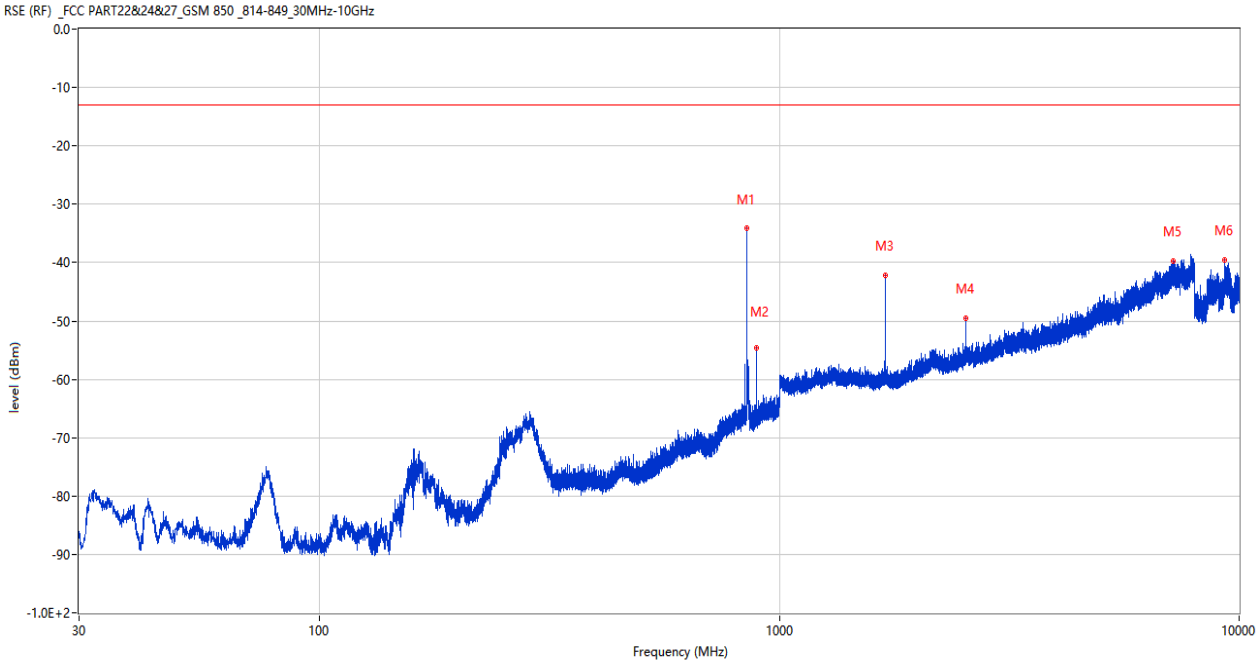
Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
836.652	-32.32	4.59	-13.0	19.32	251.00	Horizontal	Horizontal	N/A
881.612	-52.00	3.61	-13.0	39.00	8.00	Horizontal	Horizontal	N/A
1674.200	-43.93	-5.44	-13.0	30.93	58.00	Horizontal	Horizontal	Pass
2510.700	-46.33	-1.29	-13.0	33.33	186.00	Horizontal	Horizontal	Pass
4344.250	-47.25	7.29	-13.0	34.25	116.00	Horizontal	Horizontal	Pass
7161.250	-38.77	14.38	-13.0	25.77	0.00	Horizontal	Horizontal	Pass

Band:GSM850,Channel:Mid range



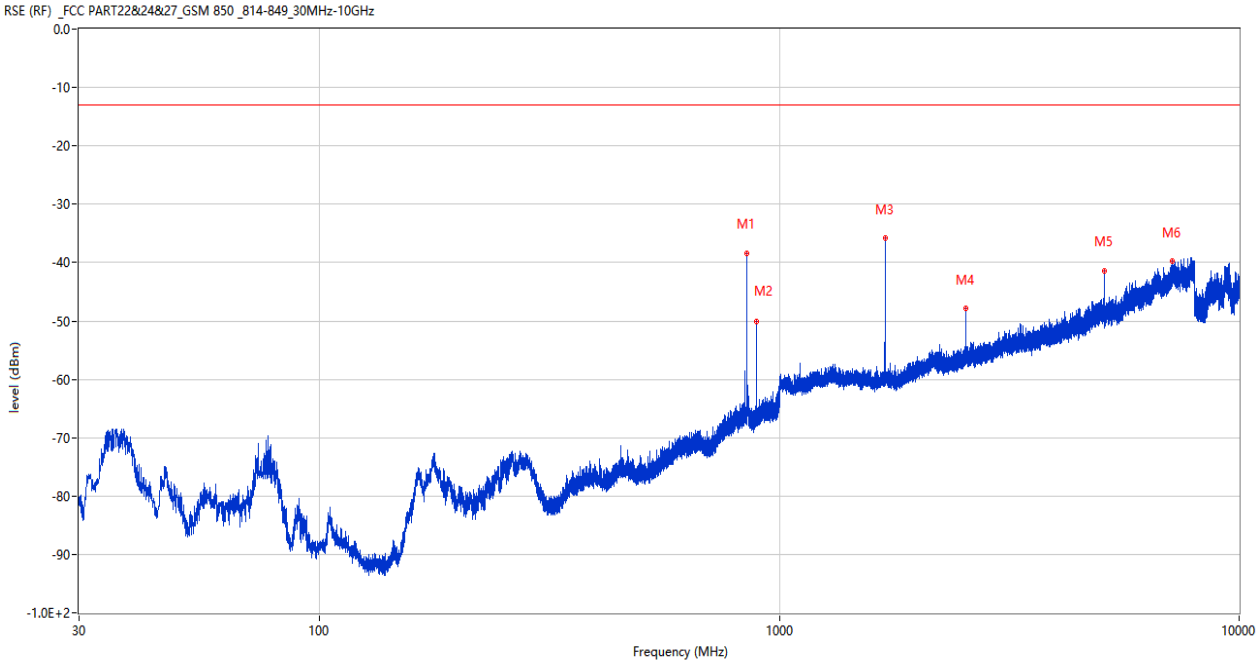
Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
836.555	-34.18	4.59	-13.0	21.18	217.00	Vertical	Horizontal	N/A
881.612	-47.62	3.61	-13.0	34.62	208.00	Vertical	Horizontal	N/A
1673.900	-38.48	-5.42	-13.0	25.48	159.00	Vertical	Horizontal	Pass
2510.800	-44.55	-1.30	-13.0	31.55	238.00	Vertical	Horizontal	Pass
5019.750	-42.61	8.63	-13.0	29.61	186.00	Vertical	Horizontal	Pass
9377.599	-39.24	13.61	-13.0	26.24	322.00	Vertical	Horizontal	Pass

Band:GSM850,Channel:High range



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
848.874	-34.10	4.49	-13.0	21.10	184.00	Horizontal	Horizontal	N/A
893.882	-54.60	3.92	-13.0	41.60	326.00	Horizontal	Horizontal	N/A
1698.300	-42.19	-4.87	-13.0	29.19	128.00	Horizontal	Horizontal	Pass
2547.000	-49.44	-0.48	-13.0	36.44	195.00	Horizontal	Horizontal	Pass
7196.000	-39.82	14.06	-13.0	26.82	360.00	Horizontal	Horizontal	Pass
9319.099	-39.46	14.23	-13.0	26.46	100.00	Horizontal	Horizontal	Pass

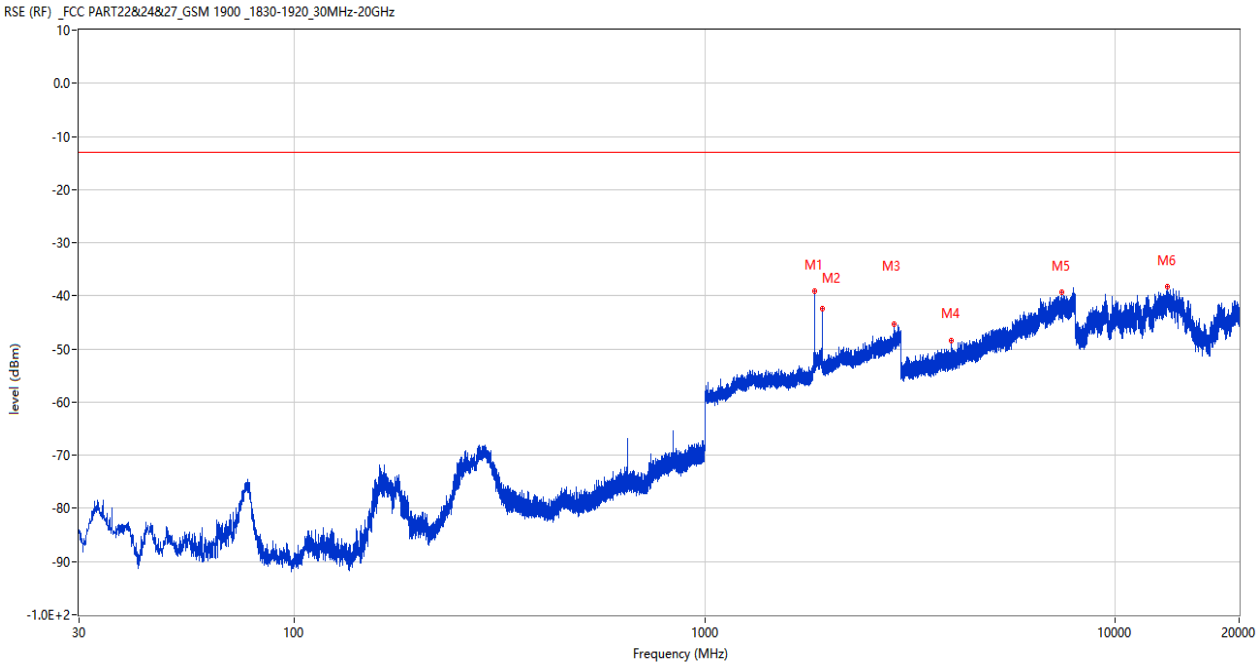
Band:GSM850,Channel:High range



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
848.874	-38.33	4.49	-13.0	25.33	54.00	Vertical	Horizontal	N/A
893.737	-50.17	3.94	-13.0	37.17	151.00	Vertical	Horizontal	N/A
1698.400	-35.85	-4.87	-13.0	22.85	192.00	Vertical	Horizontal	Pass
2547.200	-47.87	-0.50	-13.0	34.87	261.00	Vertical	Horizontal	Pass
5093.000	-41.38	9.13	-13.0	28.38	185.00	Vertical	Horizontal	Pass
7150.000	-39.78	14.31	-13.0	26.78	104.00	Vertical	Horizontal	Pass

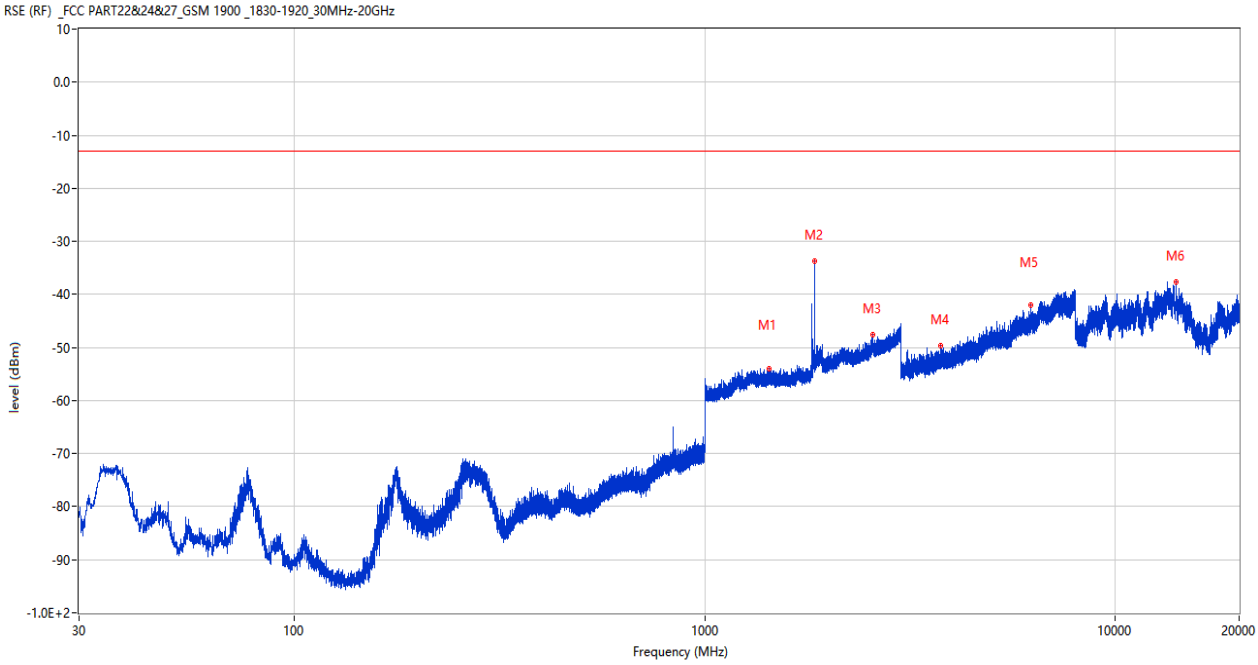
1.2 GSM 1900

Band:GSM1900,Channel:Low range



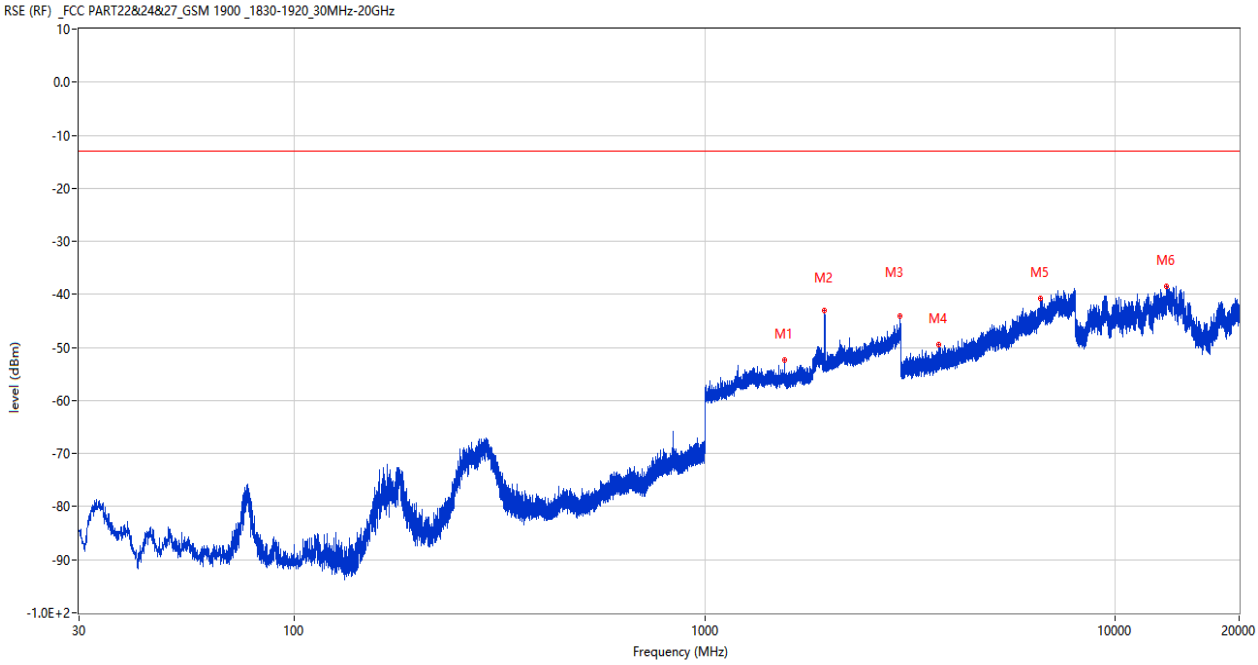
Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
1850.900	-39.15	1.91	-13.0	26.15	160.00	Horizontal	Horizontal	N/A
1930.900	-42.34	2.13	-13.0	29.34	267.00	Horizontal	Horizontal	N/A
2891.400	-45.34	9.57	-13.0	32.34	202.00	Horizontal	Horizontal	Pass
3978.750	-48.34	6.22	-13.0	35.34	111.00	Horizontal	Horizontal	Pass
7419.750	-39.39	13.76	-13.0	26.39	360.00	Horizontal	Horizontal	Pass
13354.287	-38.21	16.76	-13.0	25.21	360.00	Horizontal	Horizontal	Pass

Band:GSM1900,Channel:Low range



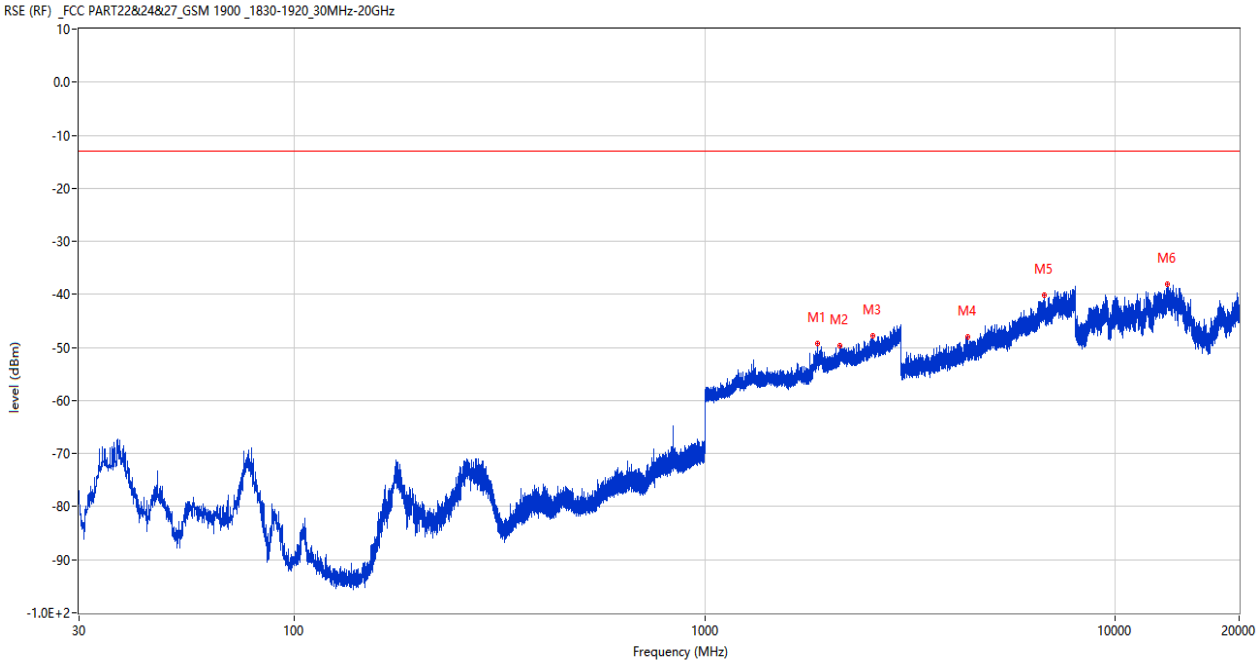
Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
1433.500	-53.97	-1.50	-13.0	40.97	68.00	Vertical	Horizontal	Pass
1850.900	-33.68	1.91	-13.0	20.68	177.00	Vertical	Horizontal	N/A
2565.900	-47.58	5.89	-13.0	34.58	360.00	Vertical	Horizontal	Pass
3750.000	-49.76	5.06	-13.0	36.76	359.00	Vertical	Horizontal	Pass
6216.500	-41.94	11.50	-13.0	28.94	141.00	Vertical	Horizontal	Pass
14049.925	-37.61	17.56	-13.0	24.61	0.00	Vertical	Horizontal	Pass

Band:GSM1900,Channel:Mid range



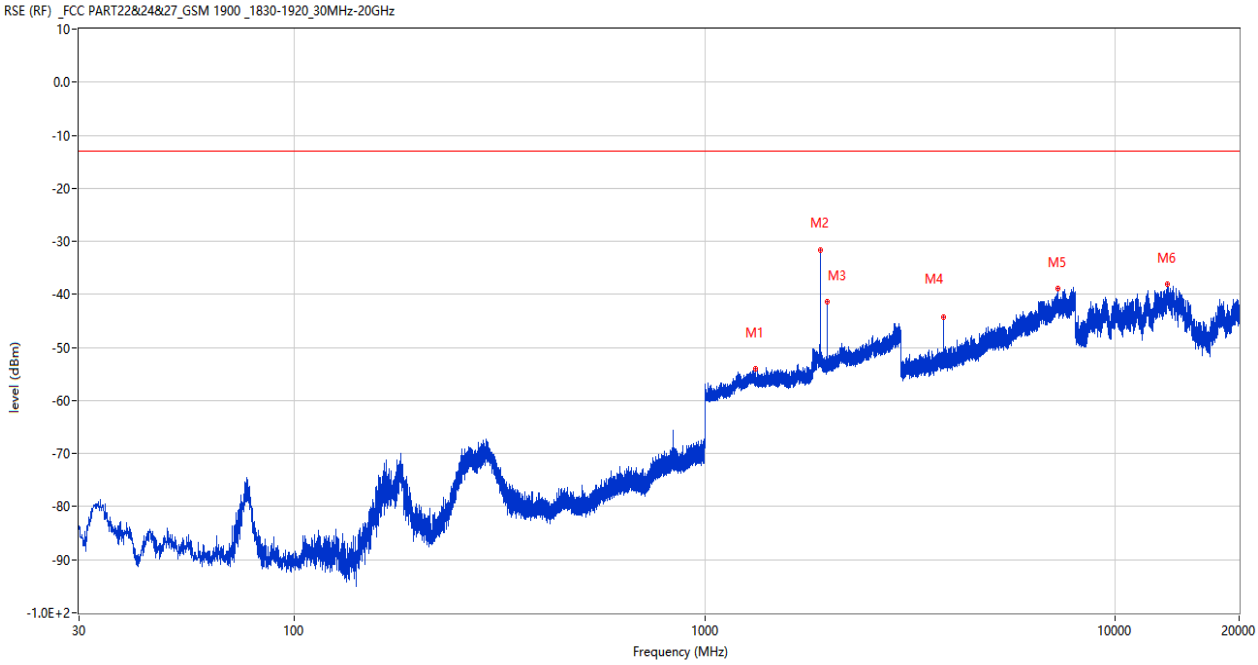
Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
1561.400	-52.30	-1.43	-13.0	39.30	322.00	Horizontal	Horizontal	Pass
1960.600	-43.11	0.93	-13.0	30.11	238.00	Horizontal	Horizontal	N/A
2989.500	-44.00	9.28	-13.0	31.00	71.00	Horizontal	Horizontal	Pass
3718.000	-49.42	5.84	-13.0	36.42	1.00	Horizontal	Horizontal	Pass
6568.000	-40.82	12.90	-13.0	27.82	326.00	Horizontal	Horizontal	Pass
13343.050	-38.52	16.54	-13.0	25.52	360.00	Horizontal	Horizontal	Pass

Band:GSM1900,Channel:Mid range



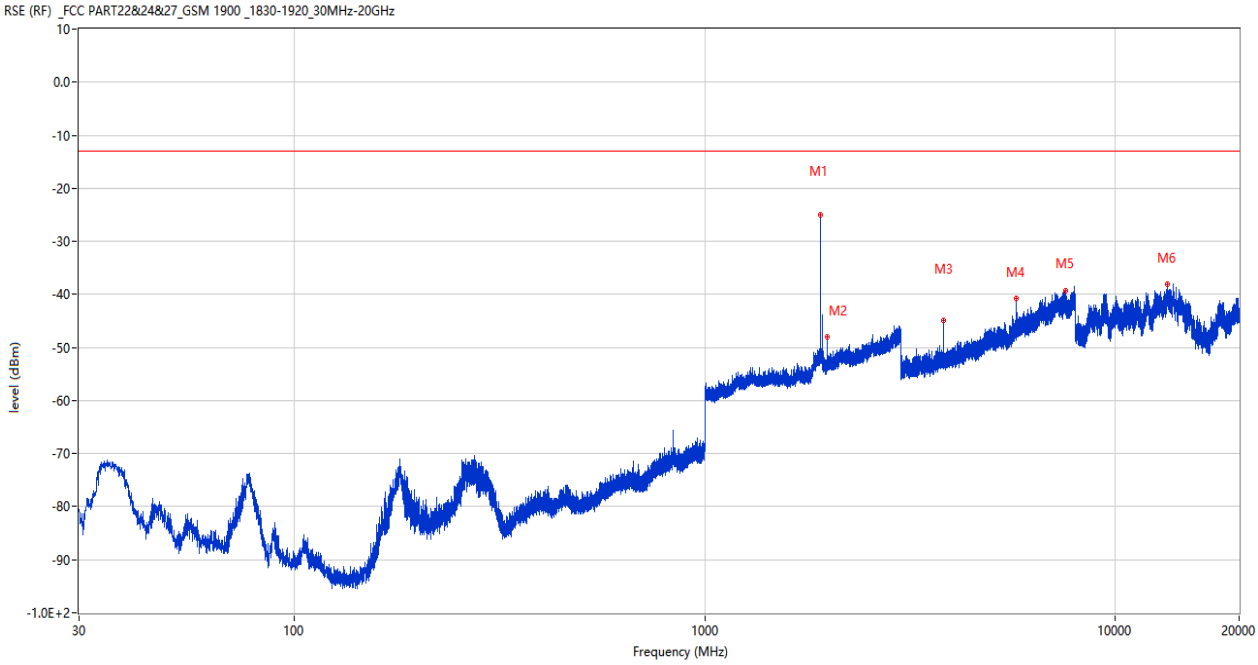
Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
1881.000	-49.18	2.45	-13.0	36.18	153.00	Vertical	Horizontal	N/A
2138.600	-49.59	2.86	-13.0	36.59	360.00	Vertical	Horizontal	Pass
2561.500	-47.83	6.57	-13.0	34.83	212.00	Vertical	Horizontal	Pass
4363.500	-47.94	7.06	-13.0	34.94	288.00	Vertical	Horizontal	Pass
6719.250	-40.09	13.03	-13.0	27.09	166.00	Vertical	Horizontal	Pass
13381.112	-38.00	16.71	-13.0	25.00	58.00	Vertical	Horizontal	Pass

Band:GSM1900,Channel:High range



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
1332.000	-53.92	-1.58	-13.0	40.92	360.00	Horizontal	Horizontal	Pass
1910.600	-31.56	2.84	-13.0	18.56	164.00	Horizontal	Horizontal	N/A
1990.600	-41.45	0.94	-13.0	28.45	236.00	Horizontal	Horizontal	N/A
3820.000	-44.22	5.42	-13.0	31.22	229.00	Horizontal	Horizontal	Pass
7232.000	-38.90	14.70	-13.0	25.90	277.00	Horizontal	Horizontal	Pass
13347.763	-38.15	16.69	-13.0	25.15	0.00	Horizontal	Horizontal	Pass

Band:GSM1900,Channel:High range

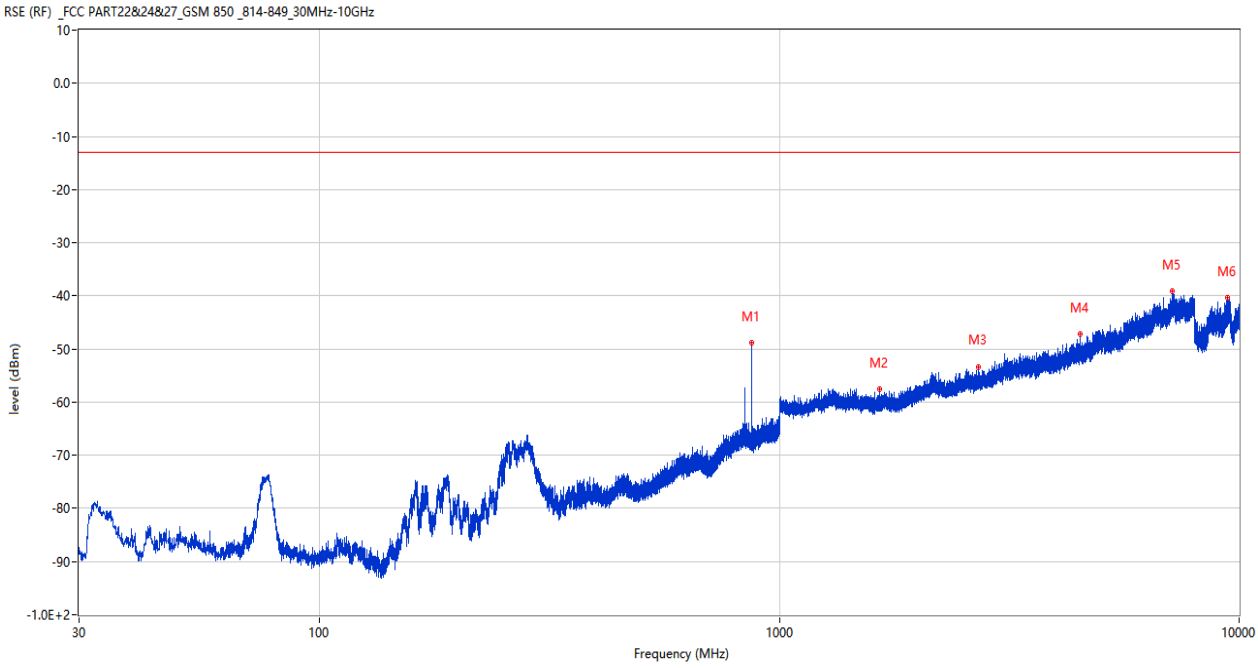


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
1910.500	-25.11	2.84	-13.0	12.11	189.00	Vertical	Horizontal	N/A
1985.600	-48.07	0.80	-13.0	35.07	232.00	Vertical	Horizontal	Pass
3820.000	-44.89	5.42	-13.0	31.89	314.00	Vertical	Horizontal	Pass
5730.000	-40.77	9.93	-13.0	27.77	302.00	Vertical	Horizontal	Pass
7559.000	-39.22	13.76	-13.0	26.22	302.00	Vertical	Horizontal	Pass
13361.901	-38.09	16.75	-13.0	25.09	360.00	Vertical	Horizontal	Pass

2. EGPRS

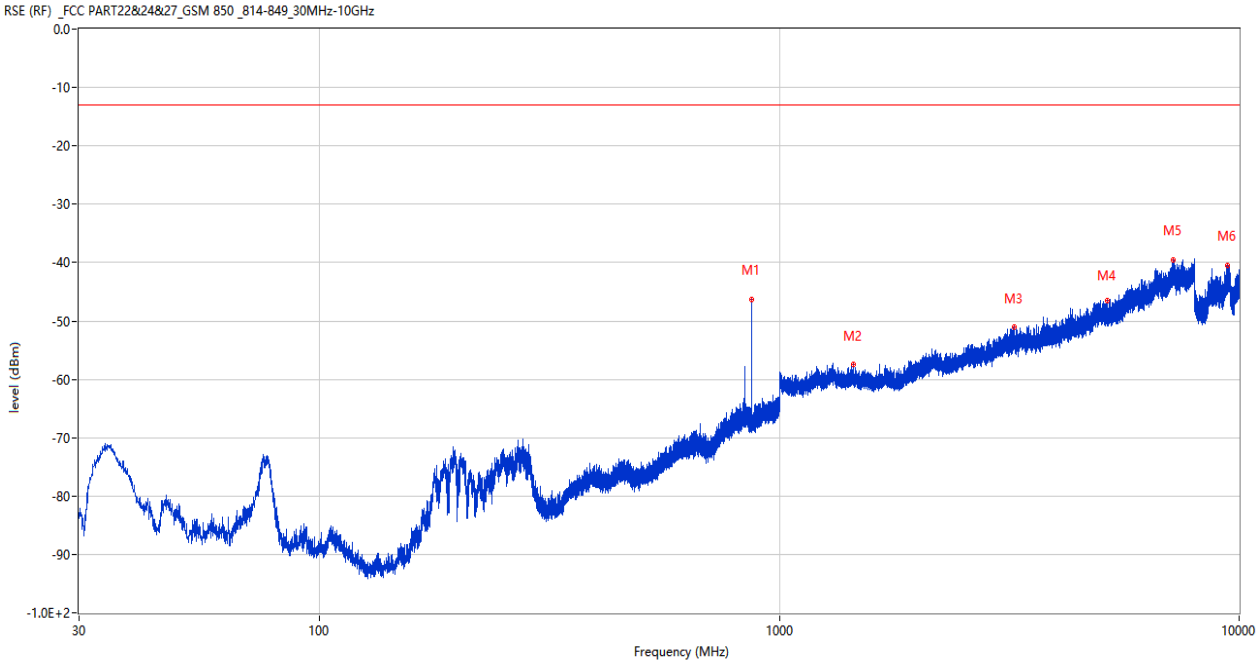
2.1 EGPRS 850

Band:EGPRS850,Channel:Low range



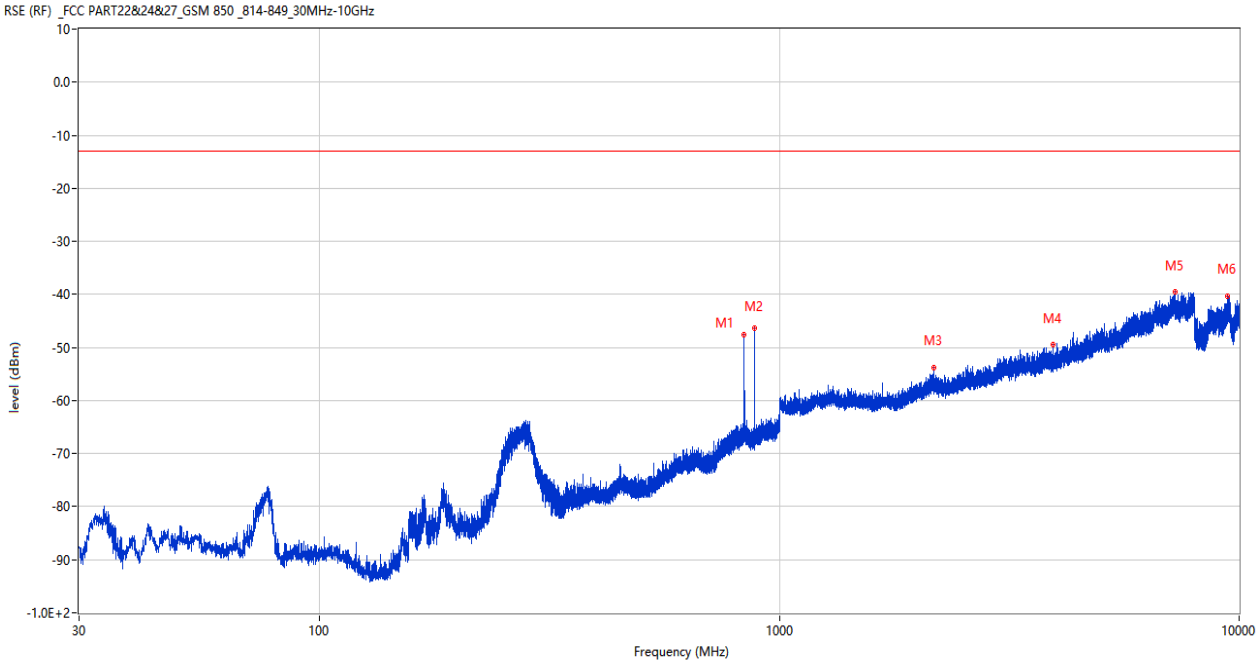
Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
869.147	-48.83	3.40	-13.0	35.83	298.00	Horizontal	Horizontal	N/A
1648.800	-57.55	-5.96	-13.0	44.55	51.00	Horizontal	Horizontal	Pass
2716.400	-53.46	-0.28	-13.0	40.46	2.00	Horizontal	Horizontal	Pass
4507.500	-47.16	7.79	-13.0	34.16	360.00	Horizontal	Horizontal	Pass
7150.250	-39.04	14.31	-13.0	26.04	360.00	Horizontal	Horizontal	Pass
9451.201	-40.40	13.75	-13.0	27.40	0.00	Horizontal	Horizontal	Pass

Band:EGPRS850,Channel:Low range



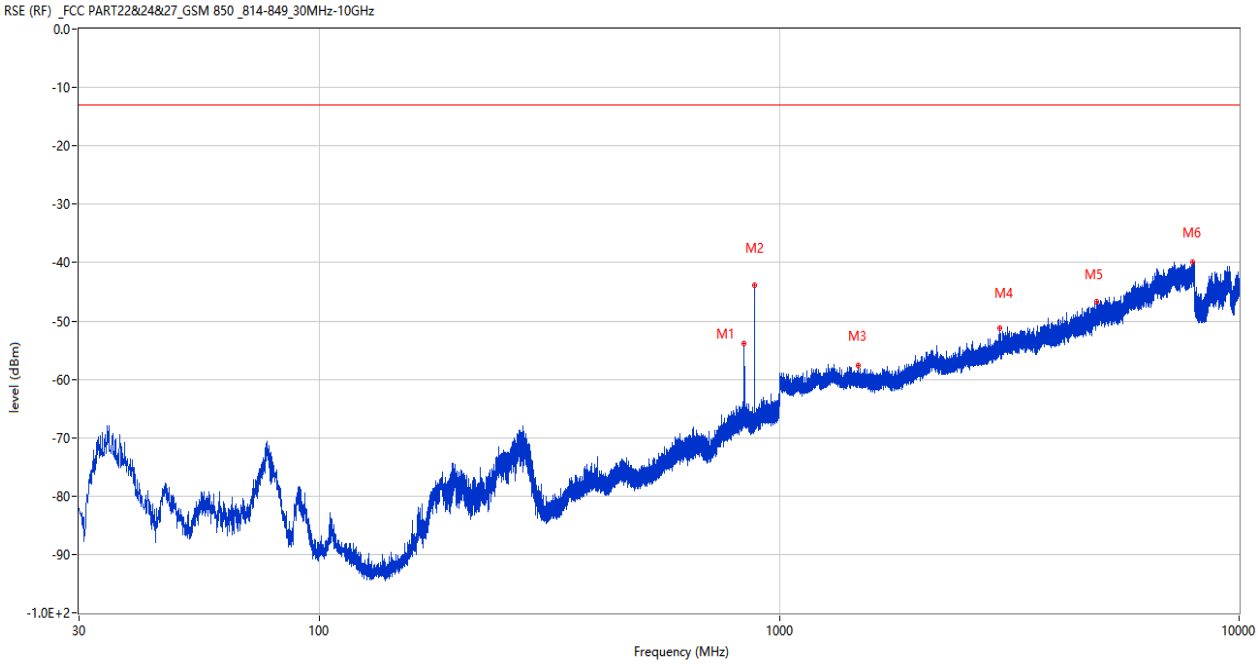
Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
869.244	-46.26	3.41	-13.0	33.26	193.00	Vertical	Horizontal	N/A
1447.400	-57.36	-5.24	-13.0	44.36	333.00	Vertical	Horizontal	Pass
3236.000	-51.02	4.65	-13.0	38.02	218.00	Vertical	Horizontal	Pass
5162.500	-46.49	9.06	-13.0	33.49	360.00	Vertical	Horizontal	Pass
7173.000	-39.53	14.37	-13.0	26.53	353.00	Vertical	Horizontal	Pass
9455.799	-40.41	13.66	-13.0	27.41	0.00	Vertical	Horizontal	Pass

Band:EGPRS850,Channel:Mid range



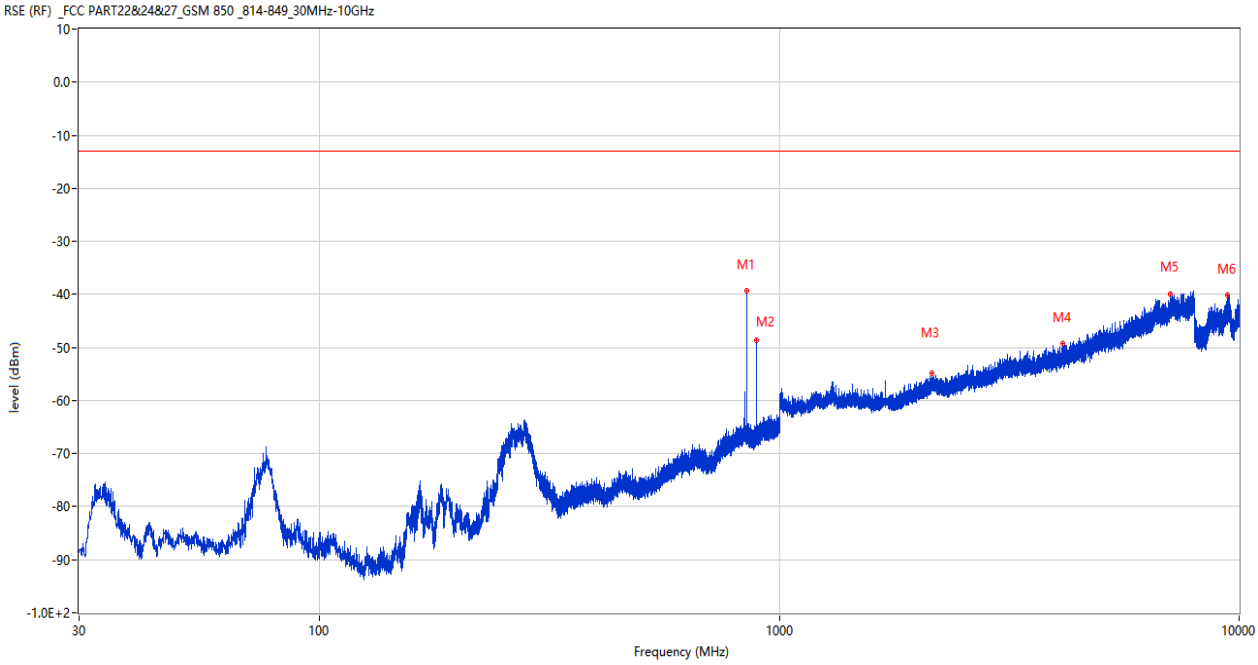
Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
836.652	-47.69	4.59	-13.0	34.69	321.00	Horizontal	Horizontal	N/A
881.660	-46.42	3.60	-13.0	33.42	302.00	Horizontal	Horizontal	N/A
2169.500	-53.91	-2.19	-13.0	40.91	89.00	Horizontal	Horizontal	Pass
3940.250	-49.48	6.24	-13.0	36.48	181.00	Horizontal	Horizontal	Pass
7248.750	-39.60	14.93	-13.0	26.60	360.00	Horizontal	Horizontal	Pass
9447.700	-40.25	13.76	-13.0	27.25	0.00	Horizontal	Horizontal	Pass

Band:EGPRS850,Channel:Mid range



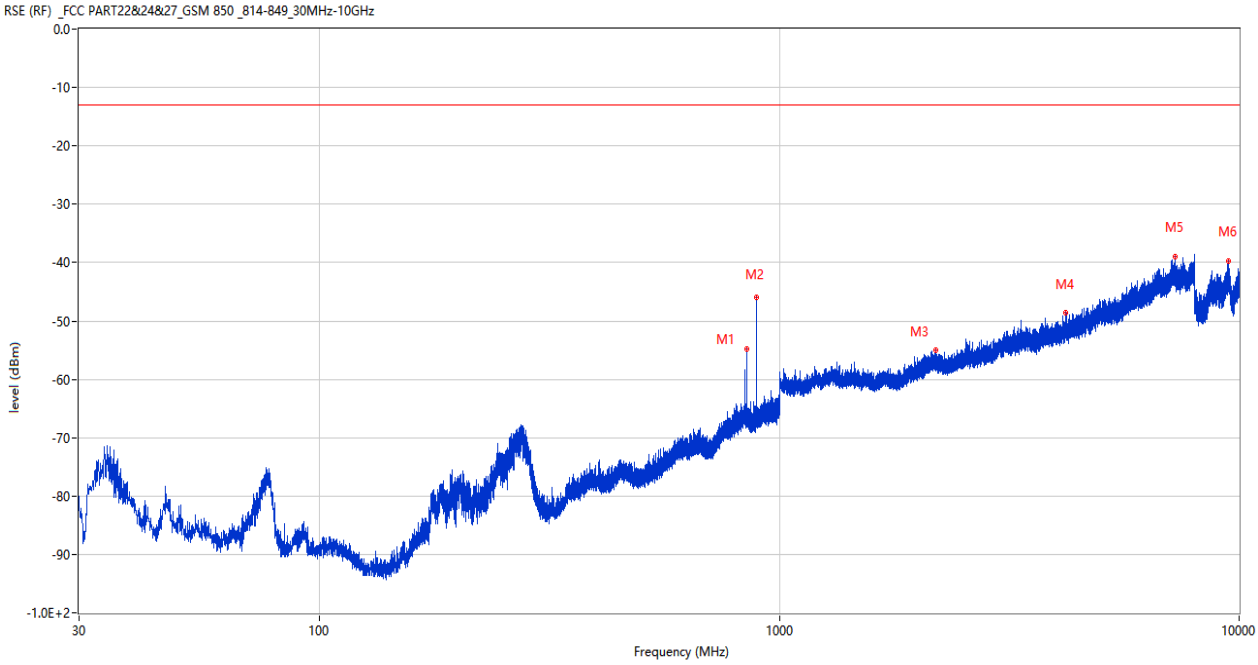
Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
836.652	-53.91	4.59	-13.0	40.91	131.00	Vertical	Horizontal	N/A
881.612	-43.82	3.61	-13.0	30.82	208.00	Vertical	Horizontal	N/A
1485.000	-57.72	-5.47	-13.0	44.72	1.00	Vertical	Horizontal	Pass
3012.250	-51.31	2.73	-13.0	38.31	150.00	Vertical	Horizontal	Pass
4903.250	-46.62	8.22	-13.0	33.62	360.00	Vertical	Horizontal	Pass
7920.750	-39.87	14.99	-13.0	26.87	234.00	Vertical	Horizontal	Pass

Band:EGPRS850,Channel:High range



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
848.825	-39.29	4.49	-13.0	26.29	200.00	Horizontal	Horizontal	N/A
893.833	-48.68	3.93	-13.0	35.68	309.00	Horizontal	Horizontal	N/A
2145.300	-54.90	-2.17	-13.0	41.90	354.00	Horizontal	Horizontal	Pass
4137.250	-49.15	6.20	-13.0	36.15	15.00	Horizontal	Horizontal	Pass
7079.500	-40.00	13.69	-13.0	27.00	360.00	Horizontal	Horizontal	Pass
9453.000	-40.14	13.72	-13.0	27.14	1.00	Horizontal	Horizontal	Pass

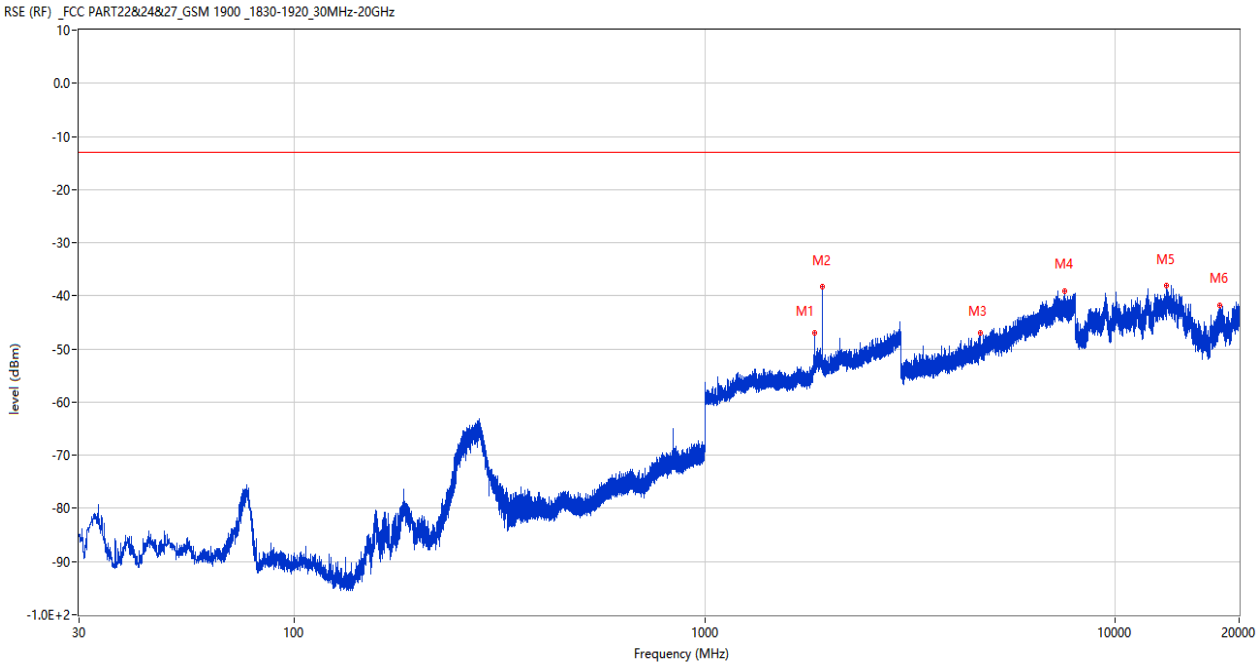
Band:EGPRS850,Channel:High range



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
848.874	-54.73	4.49	-13.0	41.73	152.00	Vertical	Horizontal	N/A
893.785	-46.03	3.93	-13.0	33.03	360.00	Vertical	Horizontal	N/A
2190.100	-54.97	-2.16	-13.0	41.97	1.00	Vertical	Horizontal	Pass
4191.500	-48.65	7.08	-13.0	35.65	69.00	Vertical	Horizontal	Pass
7251.500	-39.05	14.85	-13.0	26.05	360.00	Vertical	Horizontal	Pass
9479.400	-39.71	13.16	-13.0	26.71	1.00	Vertical	Horizontal	Pass

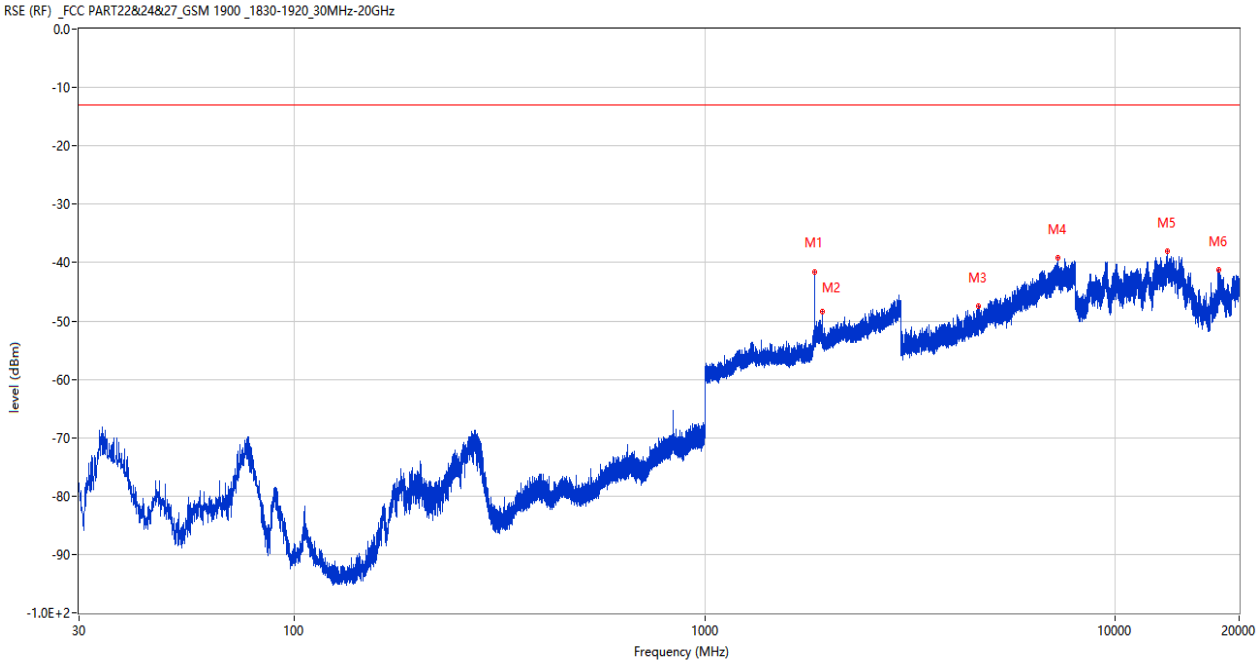
2.2 EGPRS 1900

Band:EGPRS1900,Channel:Low range



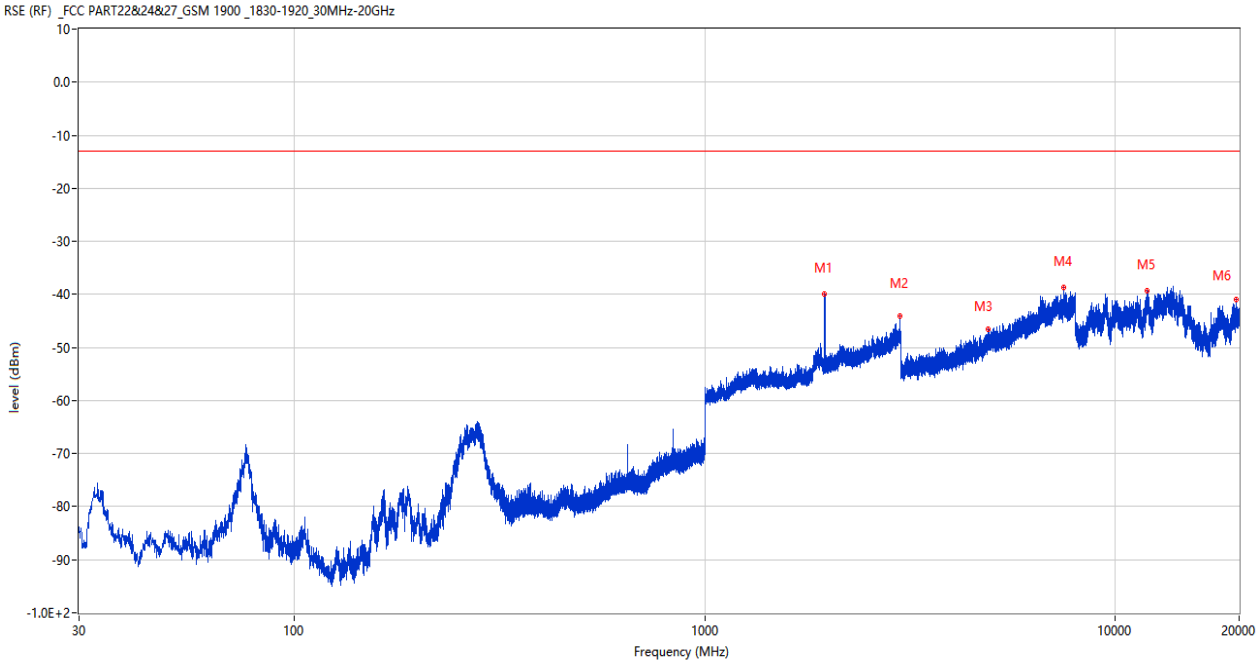
Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
1850.700	-46.95	1.91	-13.0	33.95	360.00	Horizontal	Horizontal	N/A
1930.900	-38.22	2.13	-13.0	25.22	244.00	Horizontal	Horizontal	N/A
4686.000	-46.94	7.70	-13.0	33.94	307.00	Horizontal	Horizontal	Pass
7532.500	-39.00	13.69	-13.0	26.00	325.00	Horizontal	Horizontal	Pass
13339.787	-38.07	16.42	-13.0	25.07	271.00	Horizontal	Horizontal	Pass
17953.688	-41.71	13.71	-13.0	28.71	0.00	Horizontal	Horizontal	Pass

Band:EGPRS1900,Channel:Low range



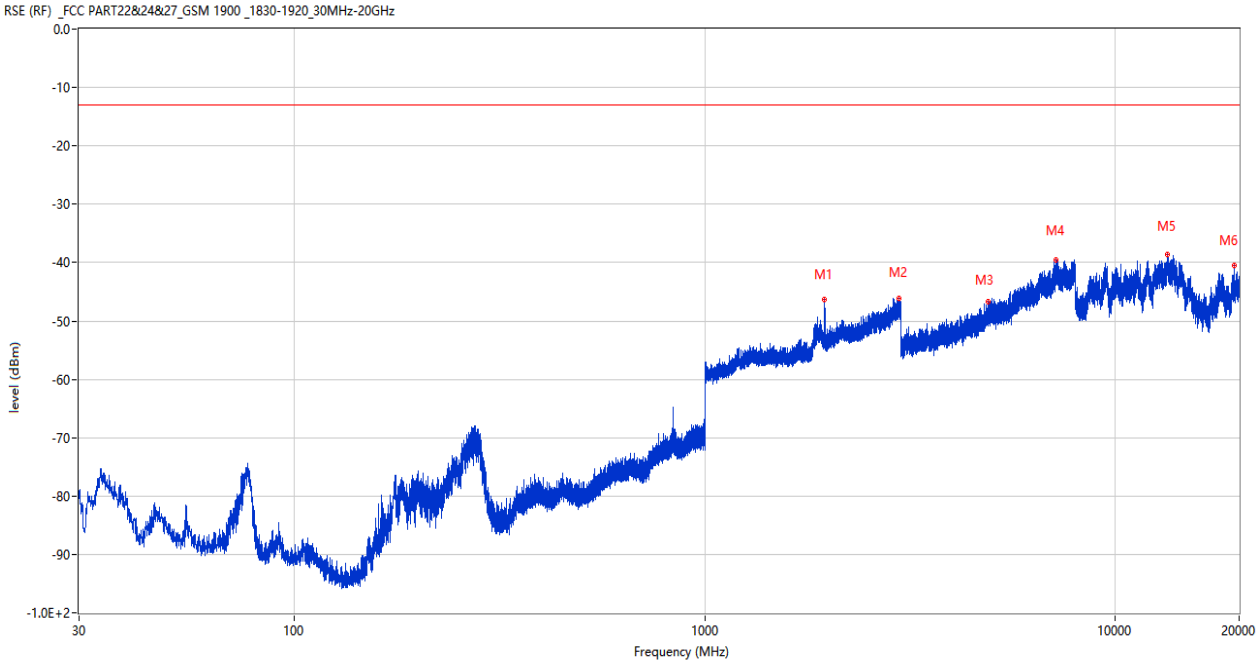
Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
1850.900	-41.58	1.91	-13.0	28.58	163.00	Vertical	Horizontal	N/A
1931.100	-48.47	2.11	-13.0	35.47	240.00	Vertical	Horizontal	N/A
4649.000	-47.50	7.47	-13.0	34.50	17.00	Vertical	Horizontal	Pass
7247.750	-39.23	14.92	-13.0	26.23	84.00	Vertical	Horizontal	Pass
13352.475	-38.13	16.77	-13.0	25.13	40.00	Vertical	Horizontal	Pass
17795.637	-41.31	12.35	-13.0	28.31	360.00	Vertical	Horizontal	Pass

Band:EGPRS1900,Channel:Mid range



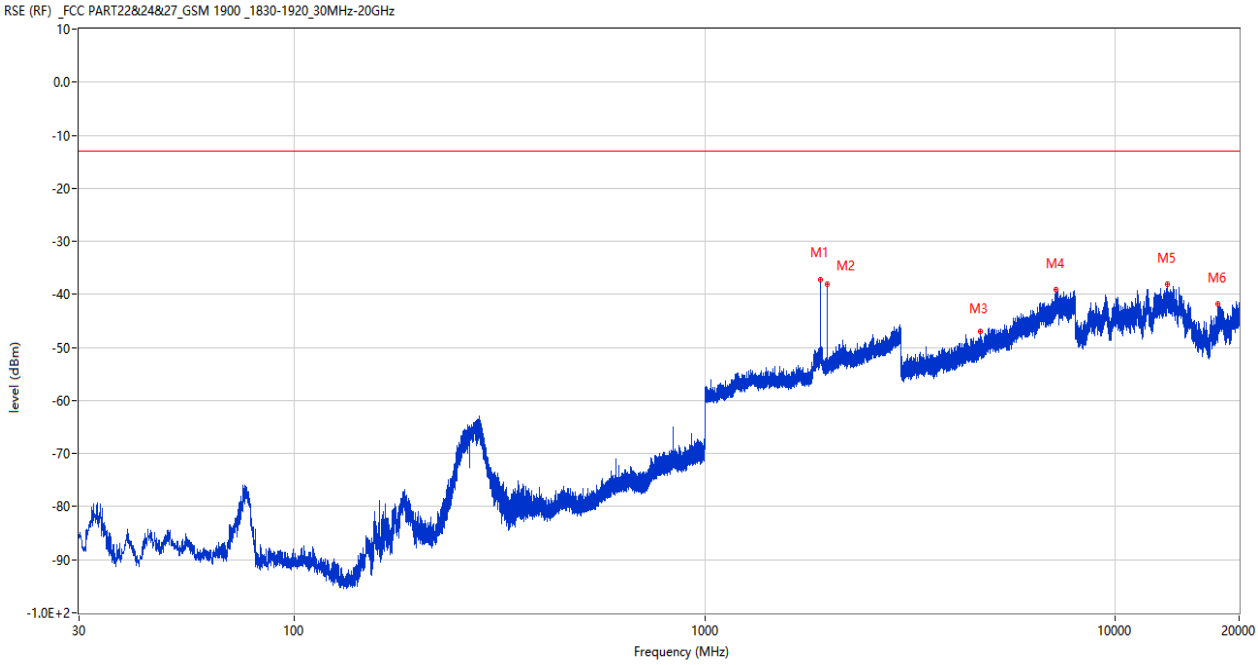
Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
1960.900	-39.90	0.95	-13.0	26.90	233.00	Horizontal	Horizontal	N/A
2990.600	-44.02	9.14	-13.0	31.02	147.00	Horizontal	Horizontal	Pass
4893.500	-46.57	8.29	-13.0	33.57	17.00	Horizontal	Horizontal	Pass
7470.250	-38.70	14.62	-13.0	25.70	134.00	Horizontal	Horizontal	Pass
11956.513	-39.30	14.04	-13.0	26.30	201.00	Horizontal	Horizontal	Pass
19698.762	-41.00	12.65	-13.0	28.00	360.00	Horizontal	Horizontal	Pass

Band:EGPRS1900,Channel:Mid range



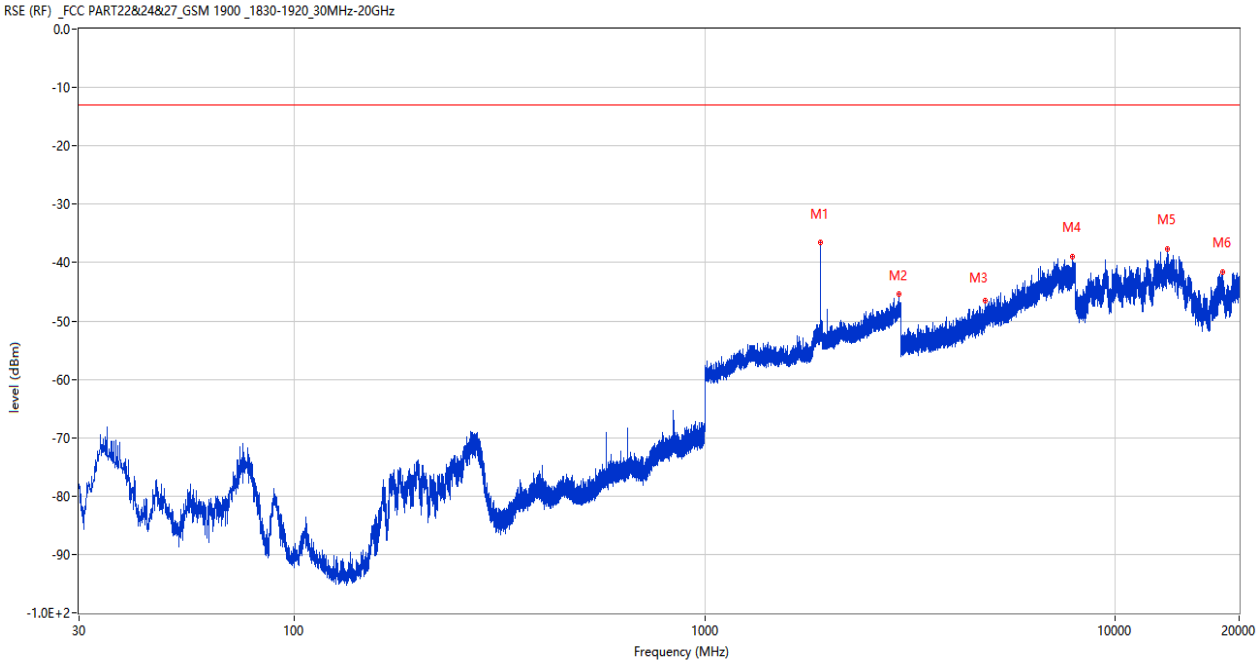
Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
1960.700	-46.30	0.94	-13.0	33.30	22.00	Vertical	Horizontal	N/A
2967.800	-46.06	9.26	-13.0	33.06	360.00	Vertical	Horizontal	Pass
4894.250	-46.77	8.28	-13.0	33.77	325.00	Vertical	Horizontal	Pass
7165.750	-39.63	14.40	-13.0	26.63	159.00	Vertical	Horizontal	Pass
13369.875	-38.62	16.73	-13.0	25.62	360.00	Vertical	Horizontal	Pass
19454.437	-40.58	12.60	-13.0	27.58	38.00	Vertical	Horizontal	Pass

Band:EGPRS1900,Channel:High range



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
1910.600	-37.15	2.84	-13.0	24.15	10.00	Horizontal	Horizontal	N/A
1990.500	-38.09	0.93	-13.0	25.09	221.00	Horizontal	Horizontal	N/A
4684.500	-46.98	7.73	-13.0	33.98	160.00	Horizontal	Horizontal	Pass
7173.000	-39.18	14.37	-13.0	26.18	93.00	Horizontal	Horizontal	Pass
13351.388	-38.08	16.77	-13.0	25.08	0.00	Horizontal	Horizontal	Pass
17793.462	-41.83	12.25	-13.0	28.83	360.00	Horizontal	Horizontal	Pass

Band:EGPRS1900,Channel:High range

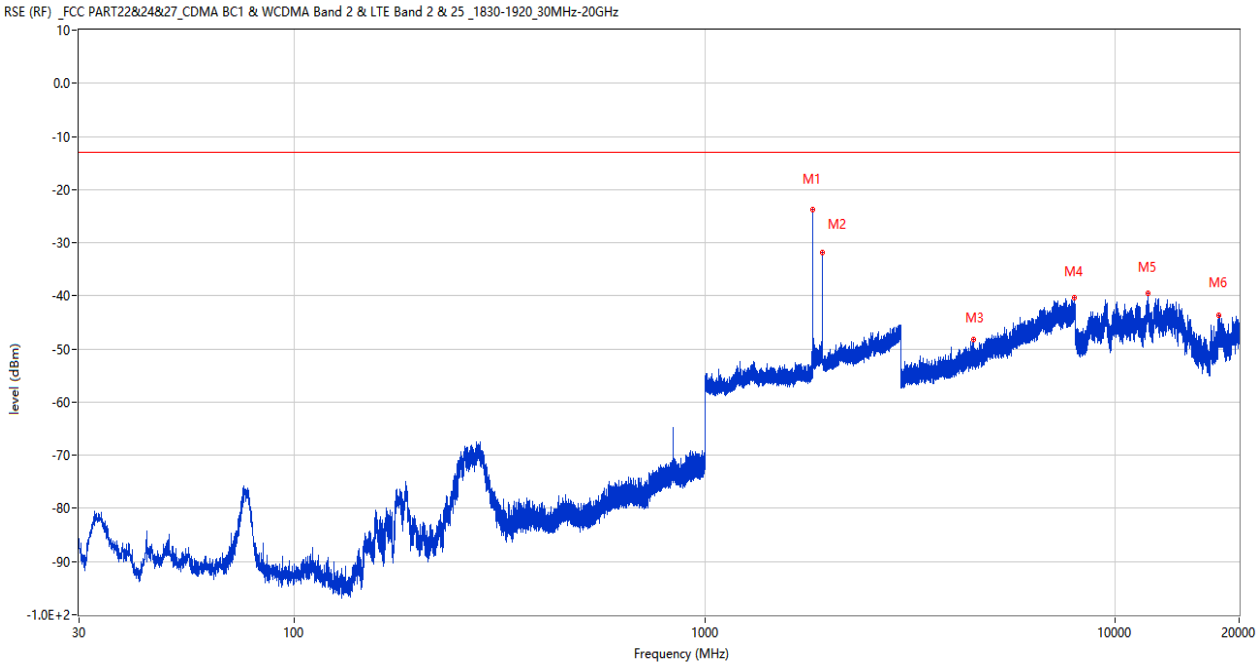


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
1910.600	-36.59	2.84	-13.0	23.59	167.00	Vertical	Horizontal	N/A
2964.400	-45.33	9.30	-13.0	32.33	0.00	Vertical	Horizontal	Pass
4817.250	-46.51	7.90	-13.0	33.51	82.00	Vertical	Horizontal	Pass
7853.000	-38.95	14.59	-13.0	25.95	251.00	Vertical	Horizontal	Pass
13353.201	-37.72	16.76	-13.0	24.72	160.00	Vertical	Horizontal	Pass
18191.849	-41.58	12.30	-13.0	28.58	3.00	Vertical	Horizontal	Pass

3. WCDMA

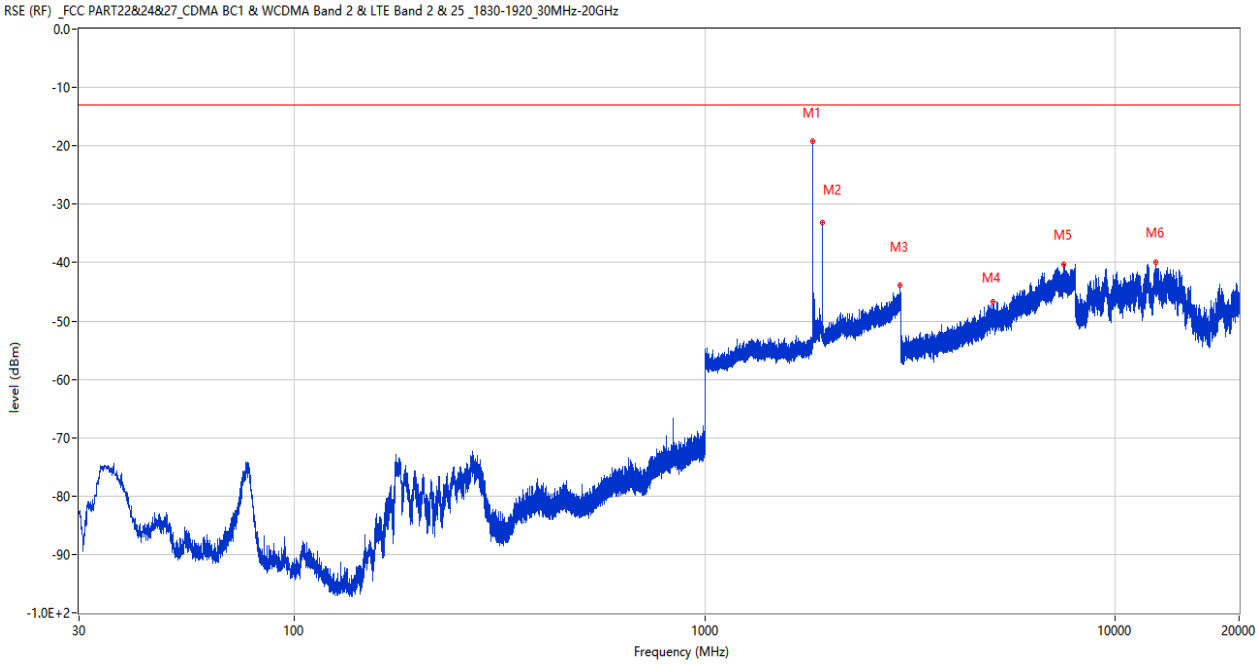
3.1 WCDMA Band 2

Band:WCDMA B2,Channel:Low range



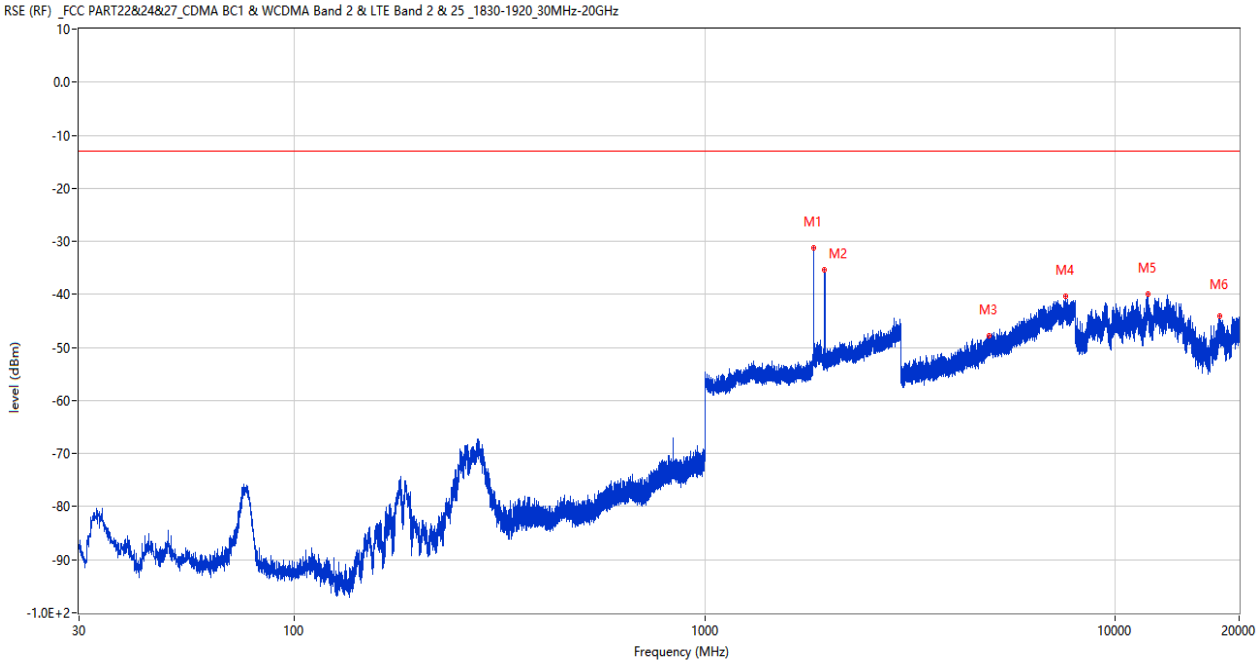
Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
1832.600	-23.70	1.00	-13.0	10.70	360.00	Horizontal	Horizontal	Pass
1932.700	-31.93	2.91	-13.0	18.93	241.00	Horizontal	Horizontal	N/A
4505.750	-48.11	7.69	-13.0	35.11	353.00	Horizontal	Horizontal	Pass
7929.750	-40.28	15.22	-13.0	27.28	189.00	Horizontal	Horizontal	Pass
11990.475	-39.50	14.02	-13.0	26.50	125.00	Horizontal	Horizontal	Pass
17801.437	-43.65	12.53	-13.0	30.65	360.00	Horizontal	Horizontal	Pass

Band:WCDMA B2,Channel:Low range



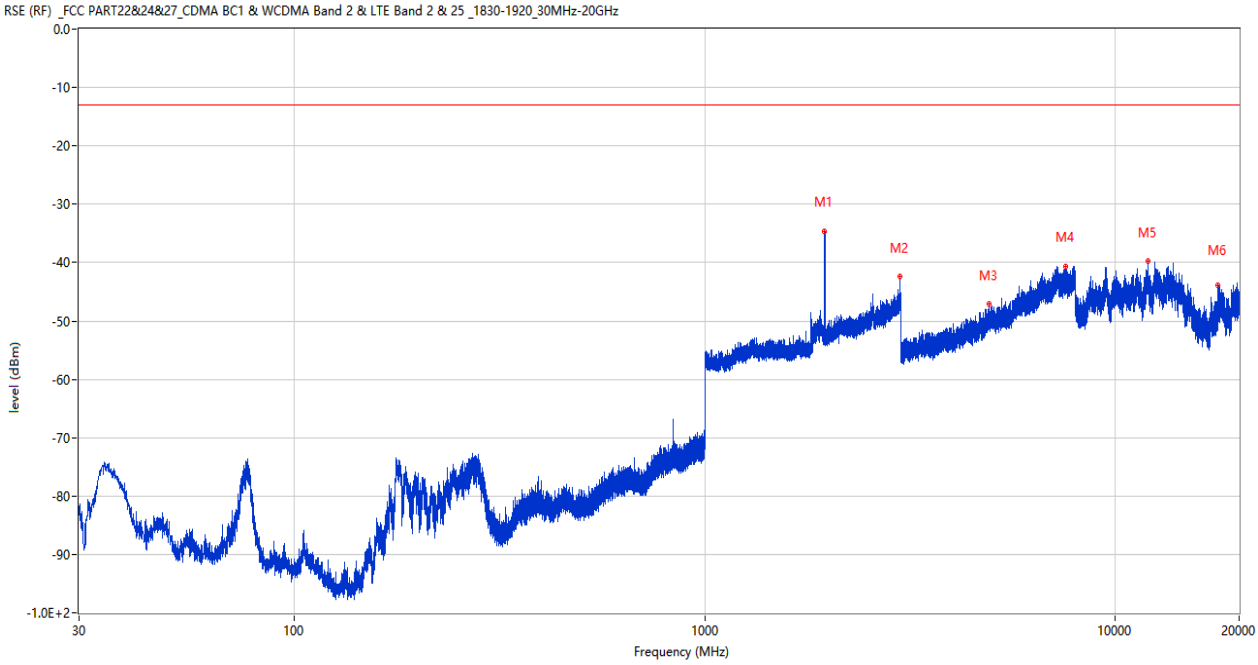
Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
1835.900	-19.22	1.52	-13.0	6.22	159.00	Vertical	Horizontal	Pass
1932.900	-33.14	2.91	-13.0	20.14	189.00	Vertical	Horizontal	N/A
2989.100	-43.87	10.51	-13.0	30.87	296.00	Vertical	Horizontal	Pass
5027.500	-46.71	8.65	-13.0	33.71	299.00	Vertical	Horizontal	Pass
7481.000	-40.22	14.46	-13.0	27.22	360.00	Vertical	Horizontal	Pass
12533.162	-39.88	13.88	-13.0	26.88	301.00	Vertical	Horizontal	Pass

Band:WCDMA B2,Channel:Mid range



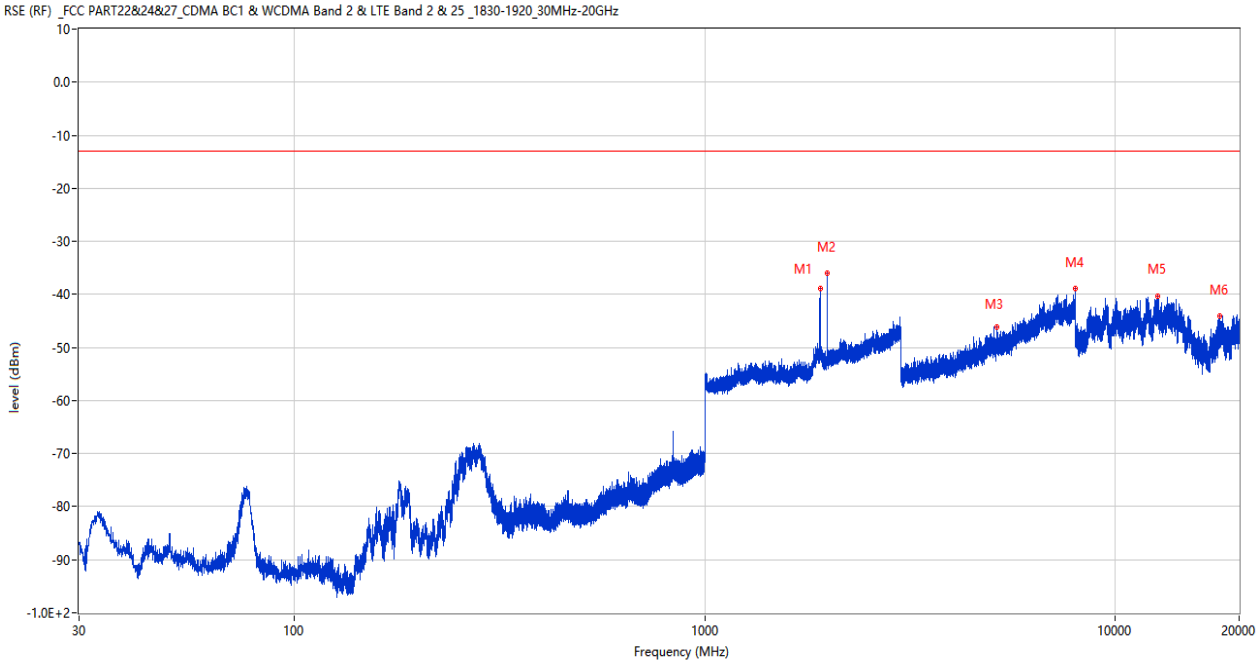
Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
1839.100	-31.20	2.72	-13.0	18.20	4.00	Horizontal	Horizontal	Pass
1960.100	-35.35	2.04	-13.0	22.35	51.00	Horizontal	Horizontal	N/A
4924.250	-47.82	8.55	-13.0	34.82	14.00	Horizontal	Horizontal	Pass
7578.500	-40.32	14.07	-13.0	27.32	301.00	Horizontal	Horizontal	Pass
12002.588	-39.99	13.96	-13.0	26.99	178.00	Horizontal	Horizontal	Pass
17962.025	-44.14	13.45	-13.0	31.14	3.00	Horizontal	Horizontal	Pass

Band:WCDMA B2,Channel:Mid range



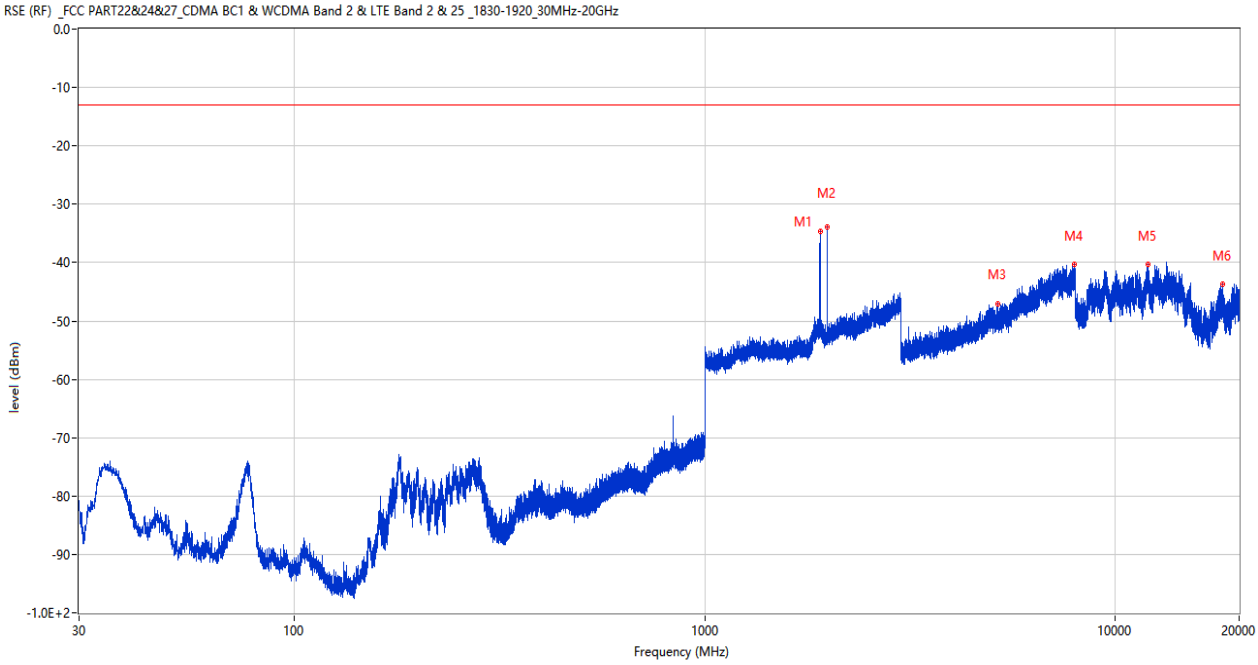
Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
1959.500	-34.62	2.08	-13.0	21.62	173.00	Vertical	Horizontal	N/A
2992.200	-42.38	10.38	-13.0	29.38	173.00	Vertical	Horizontal	Pass
4913.250	-47.14	8.45	-13.0	34.14	308.00	Vertical	Horizontal	Pass
7564.500	-40.65	13.78	-13.0	27.65	119.00	Vertical	Horizontal	Pass
11985.013	-39.76	14.02	-13.0	26.76	0.00	Vertical	Horizontal	Pass
17789.112	-43.88	12.04	-13.0	30.88	296.00	Vertical	Horizontal	Pass

Band:WCDMA B2,Channel:High range



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
1909.300	-38.99	3.96	-13.0	25.99	360.00	Horizontal	Horizontal	N/A
1988.500	-35.93	2.01	-13.0	22.93	181.00	Horizontal	Horizontal	N/A
5151.500	-46.09	9.09	-13.0	33.09	36.00	Horizontal	Horizontal	Pass
7986.750	-38.84	14.43	-13.0	25.84	272.00	Horizontal	Horizontal	Pass
12650.724	-40.24	14.13	-13.0	27.24	60.00	Horizontal	Horizontal	Pass
17935.925	-44.03	13.23	-13.0	31.03	360.00	Horizontal	Horizontal	Pass

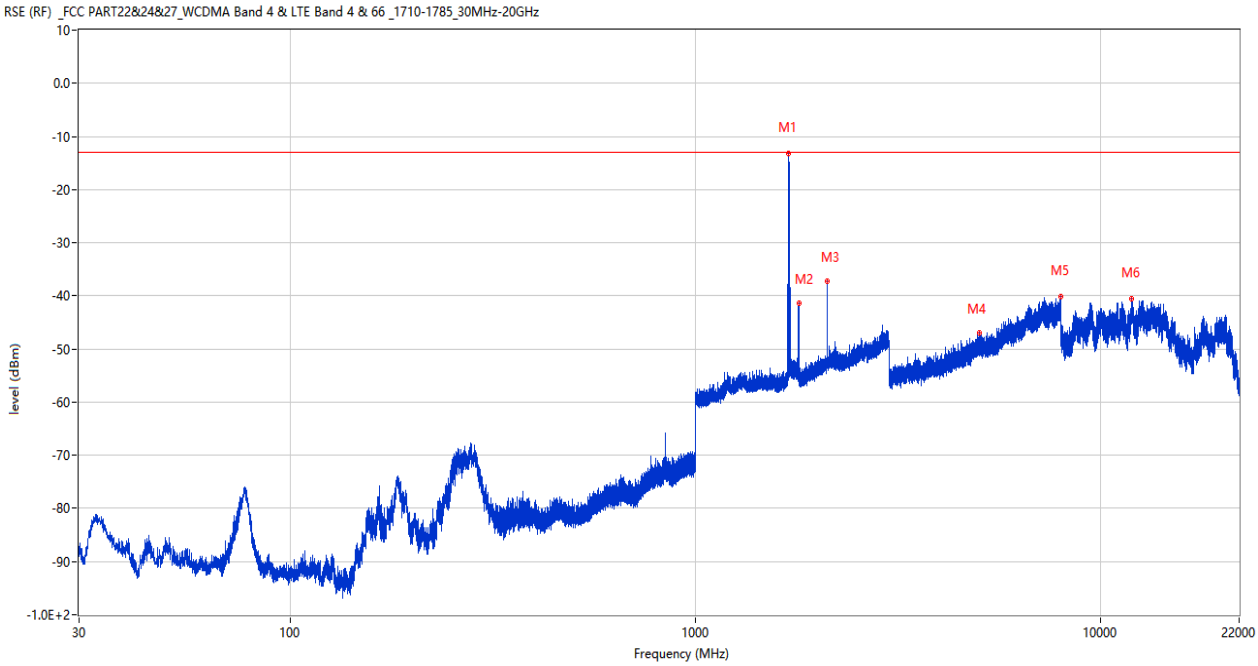
Band:WCDMA B2,Channel:High range



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
1909.400	-34.69	3.96	-13.0	21.69	102.00	Vertical	Horizontal	N/A
1989.600	-33.88	2.06	-13.0	20.88	187.00	Vertical	Horizontal	N/A
5162.000	-47.05	9.06	-13.0	34.05	123.00	Vertical	Horizontal	Pass
7949.500	-40.31	14.91	-13.0	27.31	148.00	Vertical	Horizontal	Pass
11991.900	-40.38	14.01	-13.0	27.38	0.00	Vertical	Horizontal	Pass
18244.411	-43.77	12.32	-13.0	30.77	249.00	Vertical	Horizontal	Pass

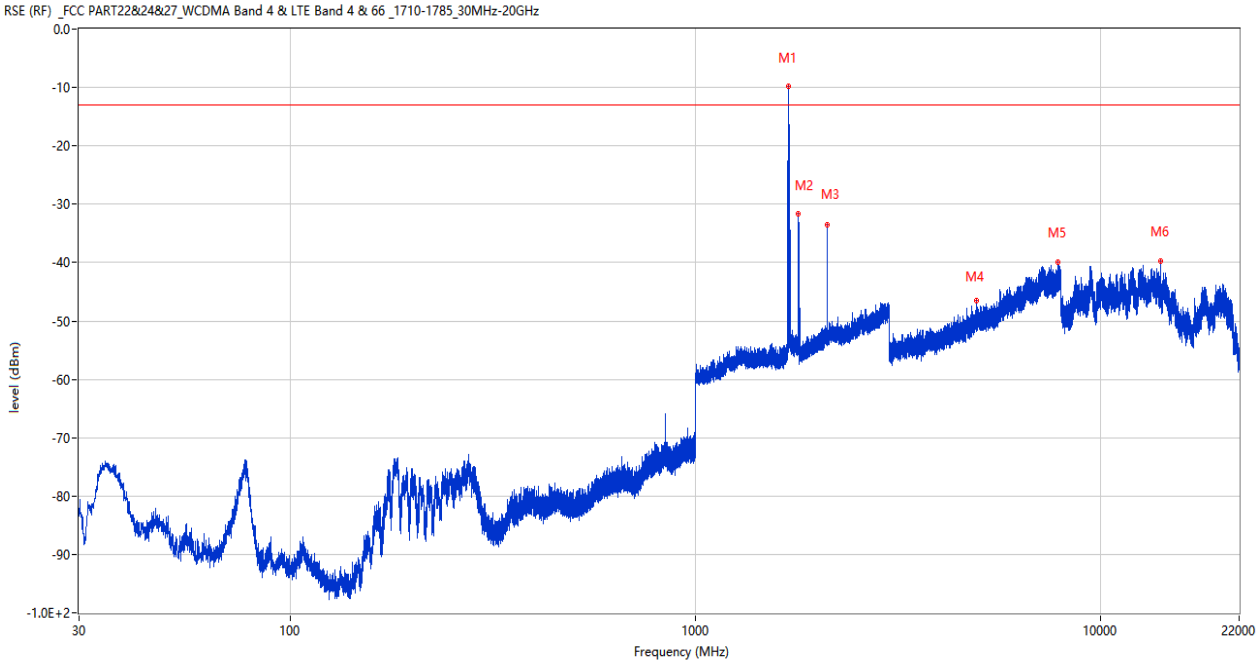
3.2 WCDMA Band 4

Band:WCDMA B4,Channel:Low range



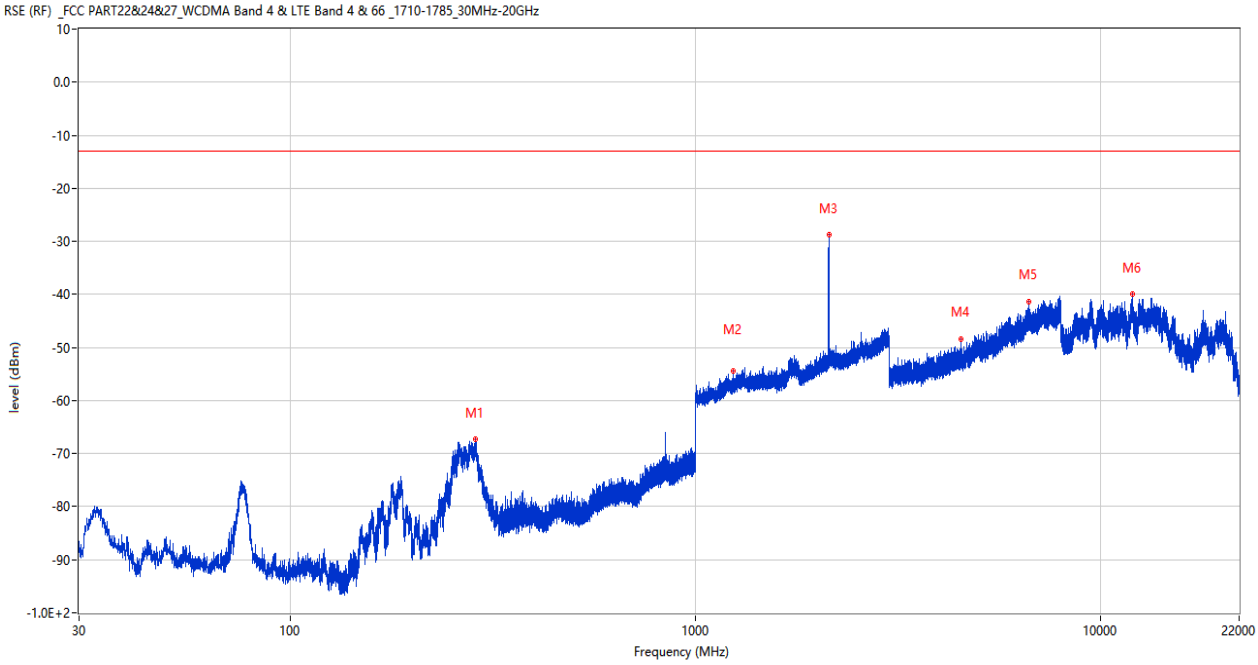
Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
1702.000	-13.14	1.41	-13.0	0.14	360.00	Horizontal	Horizontal	N/A
1797.800	-41.32	-0.64	-13.0	28.32	289.00	Horizontal	Horizontal	Pass
2113.000	-37.31	2.47	-13.0	24.31	181.00	Horizontal	Horizontal	N/A
5009.000	-46.99	8.82	-13.0	33.99	1.00	Horizontal	Horizontal	Pass
7985.500	-40.19	14.49	-13.0	27.19	213.00	Horizontal	Horizontal	Pass
11924.213	-40.57	13.82	-13.0	27.57	3.00	Horizontal	Horizontal	Pass

Band:WCDMA B4,Channel:Low range



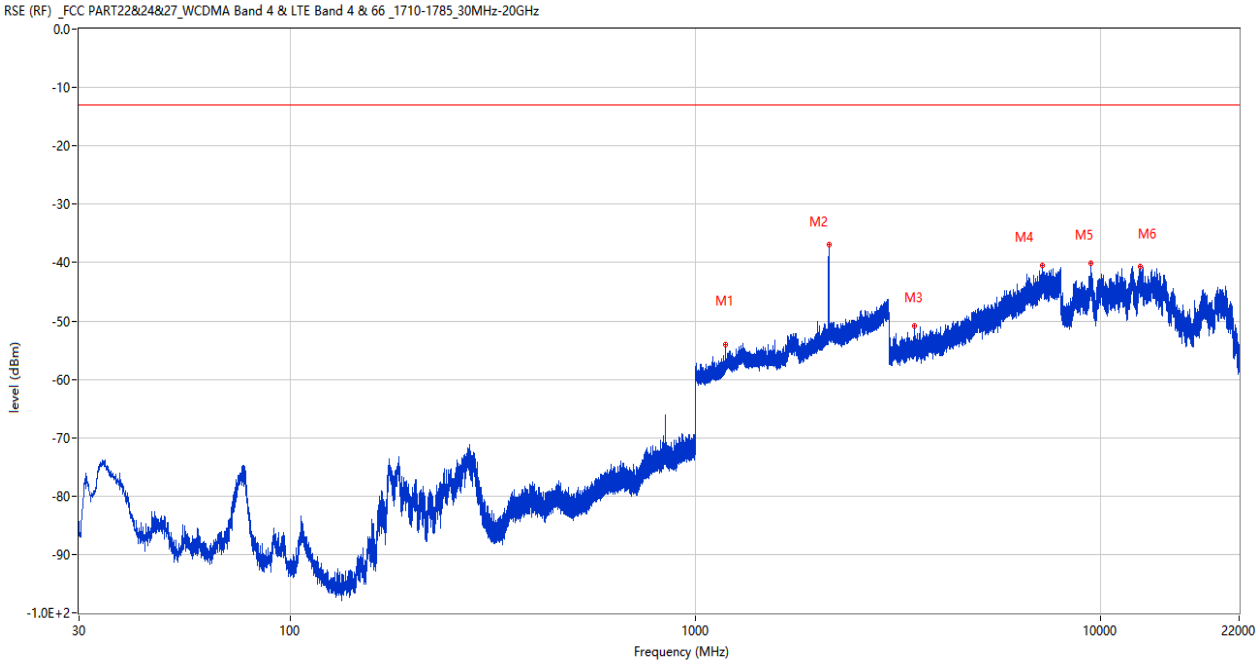
Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
1700.500	-9.84	0.66	-13.0	-3.16	89.00	Vertical	Horizontal	N/A
1793.800	-31.59	-0.04	-13.0	18.59	346.00	Vertical	Horizontal	Pass
2113.400	-33.61	2.48	-13.0	20.61	99.00	Vertical	Horizontal	N/A
4936.250	-46.48	8.49	-13.0	33.48	262.00	Vertical	Horizontal	Pass
7857.250	-39.92	14.53	-13.0	26.92	302.00	Vertical	Horizontal	Pass
14050.088	-39.70	17.56	-13.0	26.70	324.00	Vertical	Horizontal	Pass

Band:WCDMA B4,Channel:Mid range



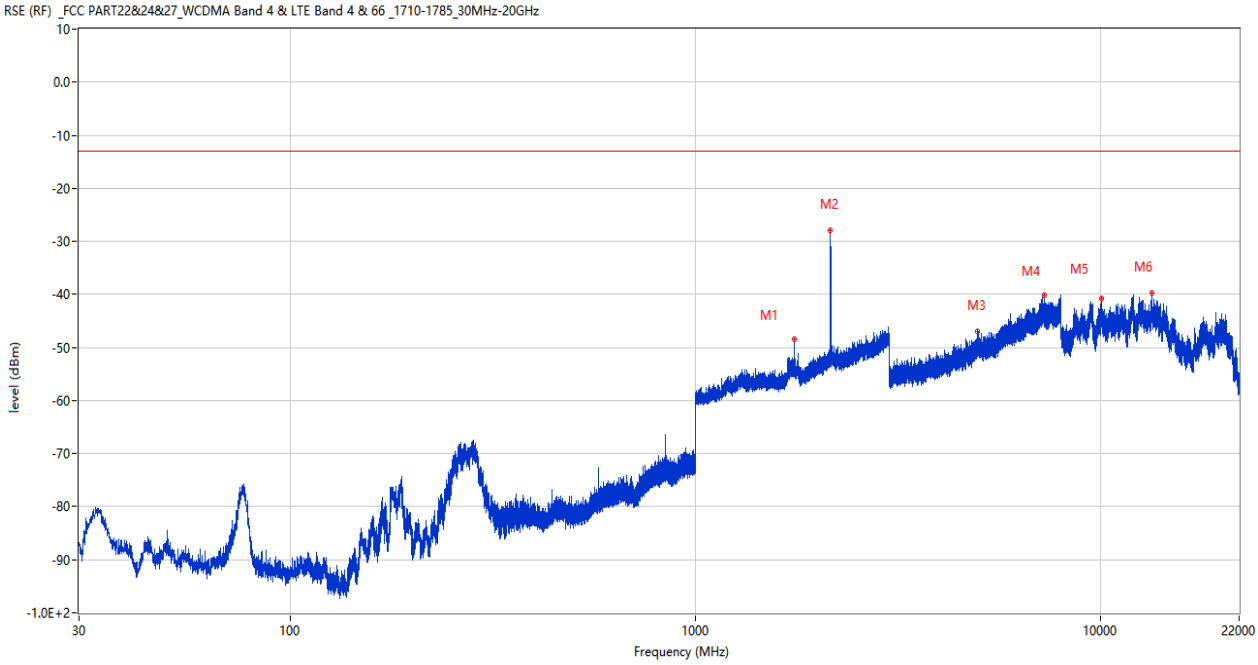
Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
285.353	-67.21	-12.93	-13.0	54.21	66.00	Horizontal	Horizontal	Pass
1237.300	-54.36	-2.07	-13.0	41.36	284.00	Horizontal	Horizontal	Pass
2132.700	-28.77	2.71	-13.0	15.77	236.00	Horizontal	Horizontal	N/A
4532.250	-48.38	7.49	-13.0	35.38	360.00	Horizontal	Horizontal	Pass
6656.750	-41.30	12.50	-13.0	28.30	360.00	Horizontal	Horizontal	Pass
12010.188	-39.95	13.80	-13.0	26.95	59.00	Horizontal	Horizontal	Pass

Band:WCDMA B4,Channel:Mid range



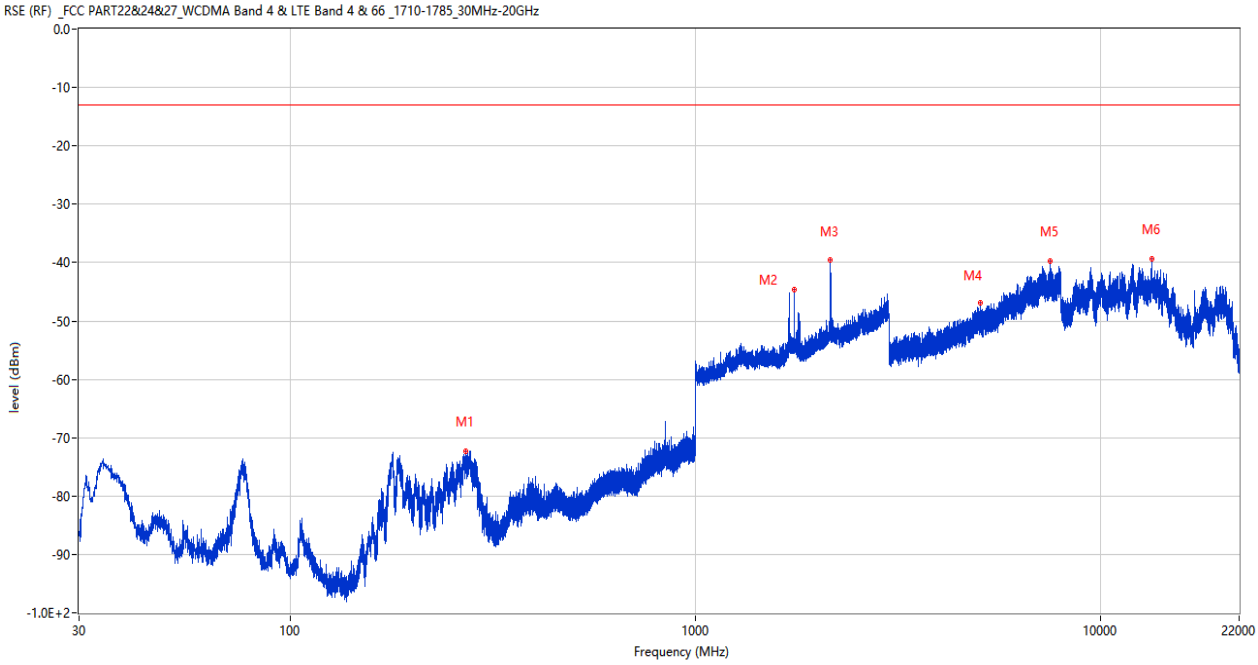
Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
1183.100	-54.09	-2.34	-13.0	41.09	301.00	Vertical	Horizontal	Pass
2131.800	-36.93	2.61	-13.0	23.93	119.00	Vertical	Horizontal	N/A
3475.500	-50.93	5.35	-13.0	37.93	125.00	Vertical	Horizontal	Pass
7178.250	-40.44	14.26	-13.0	27.44	242.00	Vertical	Horizontal	Pass
9453.025	-40.17	13.72	-13.0	27.17	360.00	Vertical	Horizontal	Pass
12508.937	-40.67	14.42	-13.0	27.67	360.00	Vertical	Horizontal	Pass

Band:WCDMA B4,Channel:High range



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
1753.700	-48.32	0.96	-13.0	35.32	17.00	Horizontal	Horizontal	N/A
2153.400	-28.00	3.05	-13.0	15.00	240.00	Horizontal	Horizontal	N/A
4967.750	-46.90	8.87	-13.0	33.90	326.00	Horizontal	Horizontal	Pass
7253.000	-40.16	14.73	-13.0	27.16	326.00	Horizontal	Horizontal	Pass
10067.200	-40.76	13.62	-13.0	27.76	321.00	Horizontal	Horizontal	Pass
13391.025	-39.75	16.70	-13.0	26.75	360.00	Horizontal	Horizontal	Pass

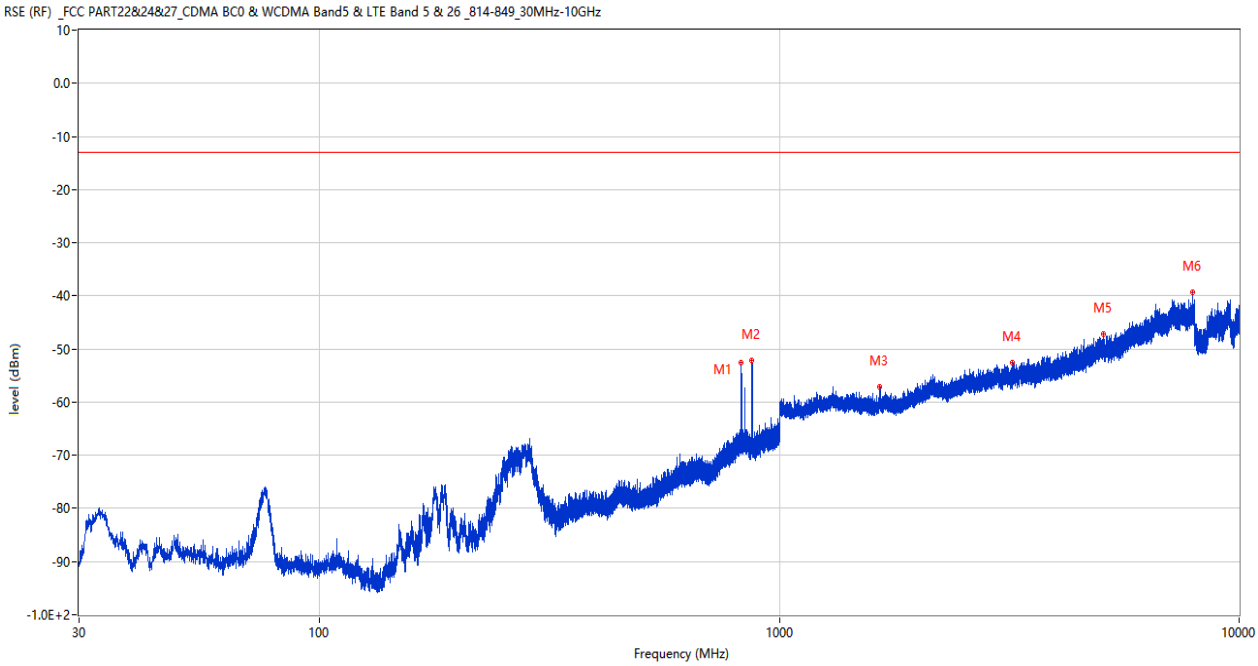
Band:WCDMA B4,Channel:High range



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
270.318	-72.25	-14.06	-13.0	59.25	89.00	Vertical	Horizontal	Pass
1753.400	-44.68	0.96	-13.0	31.68	72.00	Vertical	Horizontal	N/A
2153.000	-39.62	3.05	-13.0	26.62	129.00	Vertical	Horizontal	N/A
5058.000	-46.92	9.69	-13.0	33.92	187.00	Vertical	Horizontal	Pass
7523.500	-39.70	13.92	-13.0	26.70	360.00	Vertical	Horizontal	Pass
13383.162	-39.31	16.71	-13.0	26.31	360.00	Vertical	Horizontal	Pass

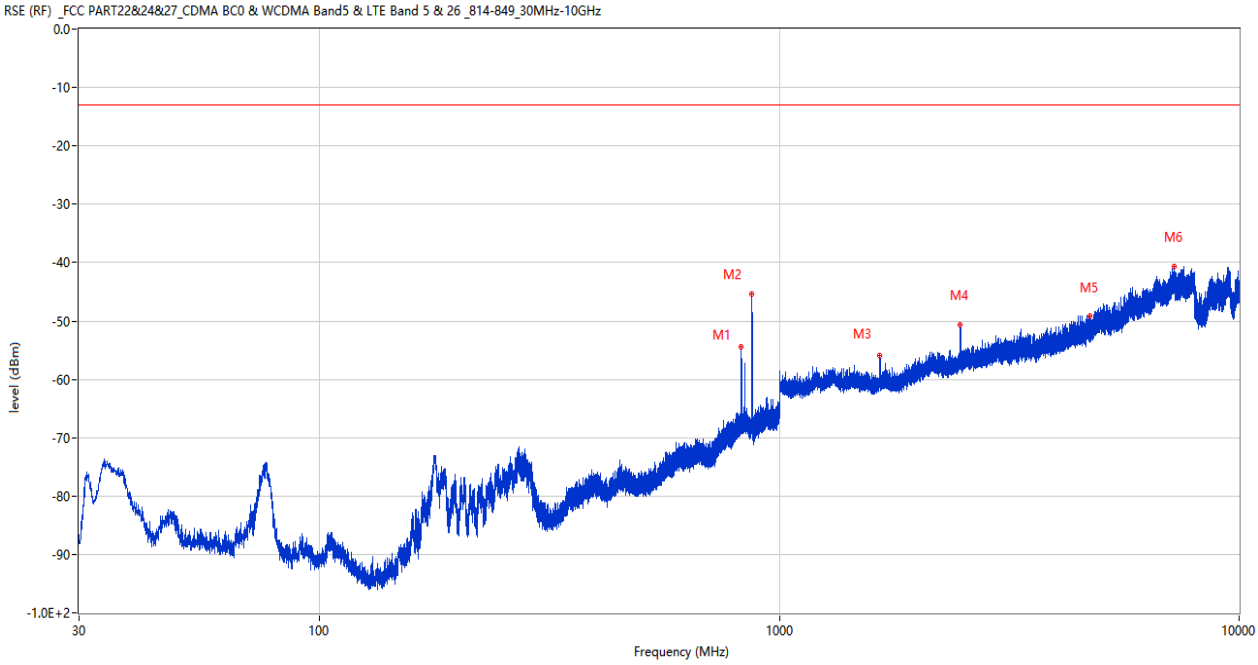
3.3 WCDMA Band 5

Band:WCDMA B5,Channel:Low range



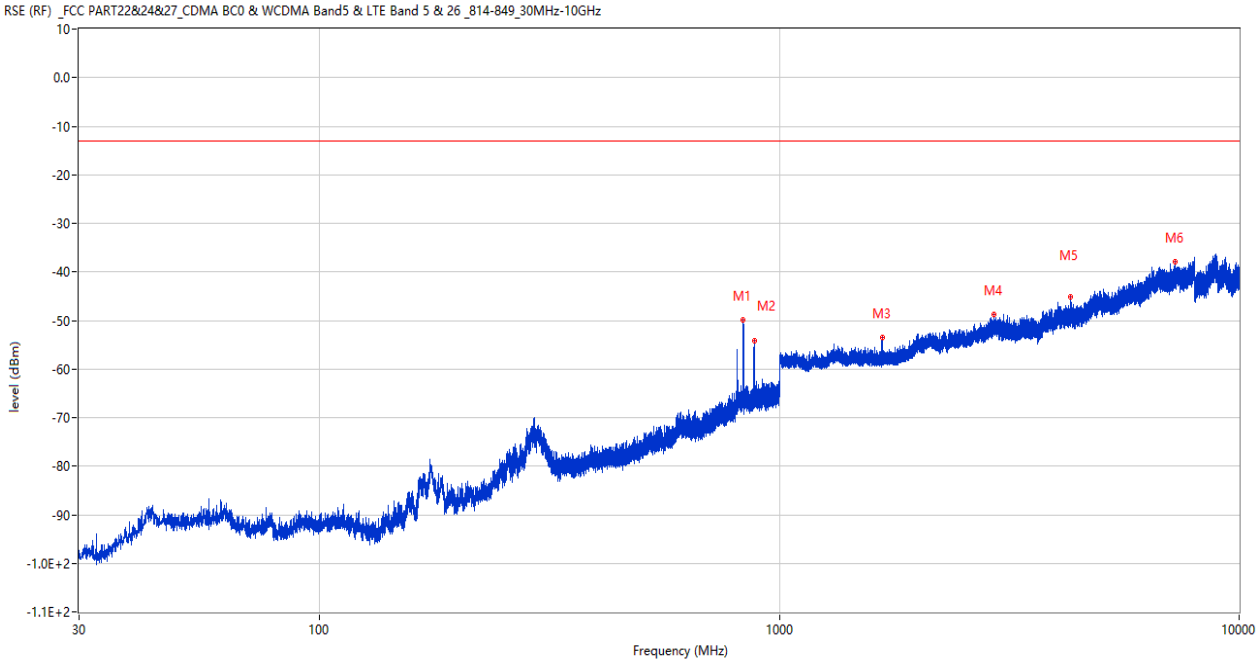
Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
825.836	-52.47	5.26	-13.0	39.47	71.00	Horizontal	Horizontal	N/A
869.923	-52.08	4.17	-13.0	39.08	296.00	Horizontal	Horizontal	N/A
1654.900	-57.12	-5.84	-13.0	44.12	360.00	Horizontal	Horizontal	Pass
3217.000	-52.54	3.58	-13.0	39.54	252.00	Horizontal	Horizontal	Pass
5072.750	-47.10	9.75	-13.0	34.10	186.00	Horizontal	Horizontal	Pass
7907.250	-39.38	14.78	-13.0	26.38	360.00	Horizontal	Horizontal	Pass

Band:WCDMA B5,Channel:Low range



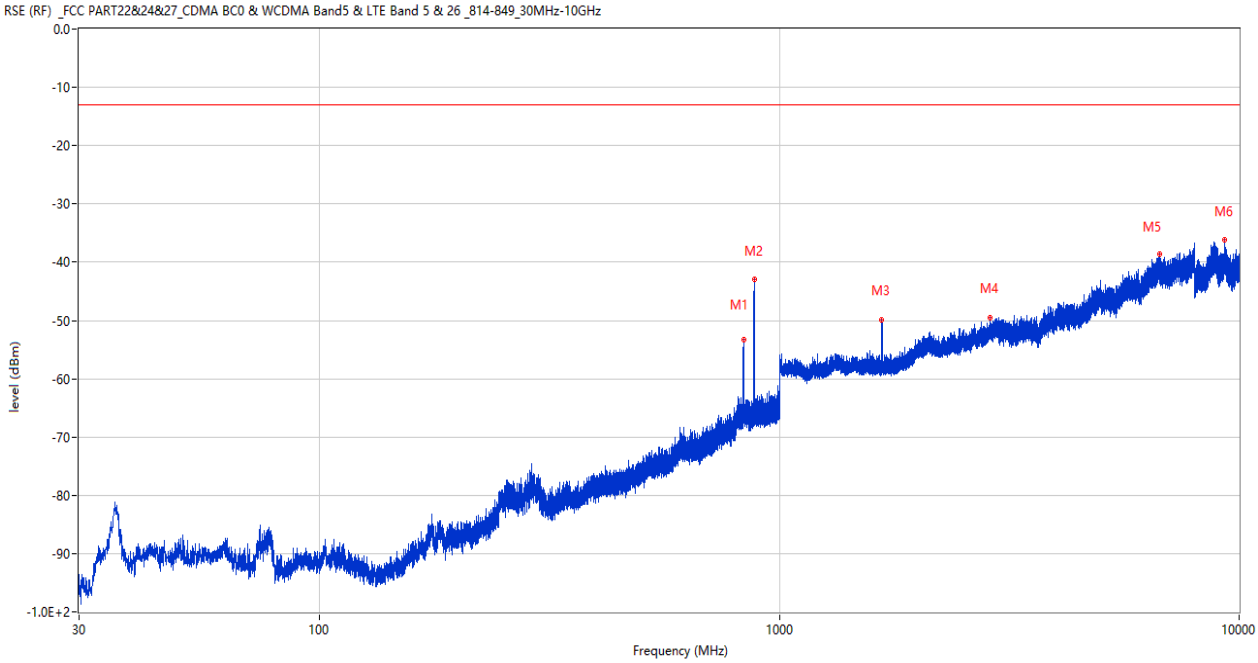
Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
826.370	-54.43	5.28	-13.0	41.43	360.00	Vertical	Horizontal	N/A
872.300	-45.35	4.07	-13.0	32.35	360.00	Vertical	Horizontal	N/A
1656.100	-55.91	-5.80	-13.0	42.91	122.00	Vertical	Horizontal	Pass
2477.100	-50.62	-1.33	-13.0	37.62	16.00	Vertical	Horizontal	Pass
4733.000	-49.18	7.39	-13.0	36.18	186.00	Vertical	Horizontal	Pass
7219.750	-40.58	14.05	-13.0	27.58	360.00	Vertical	Horizontal	Pass

Band:WCDMA B5,Channel:Mid range



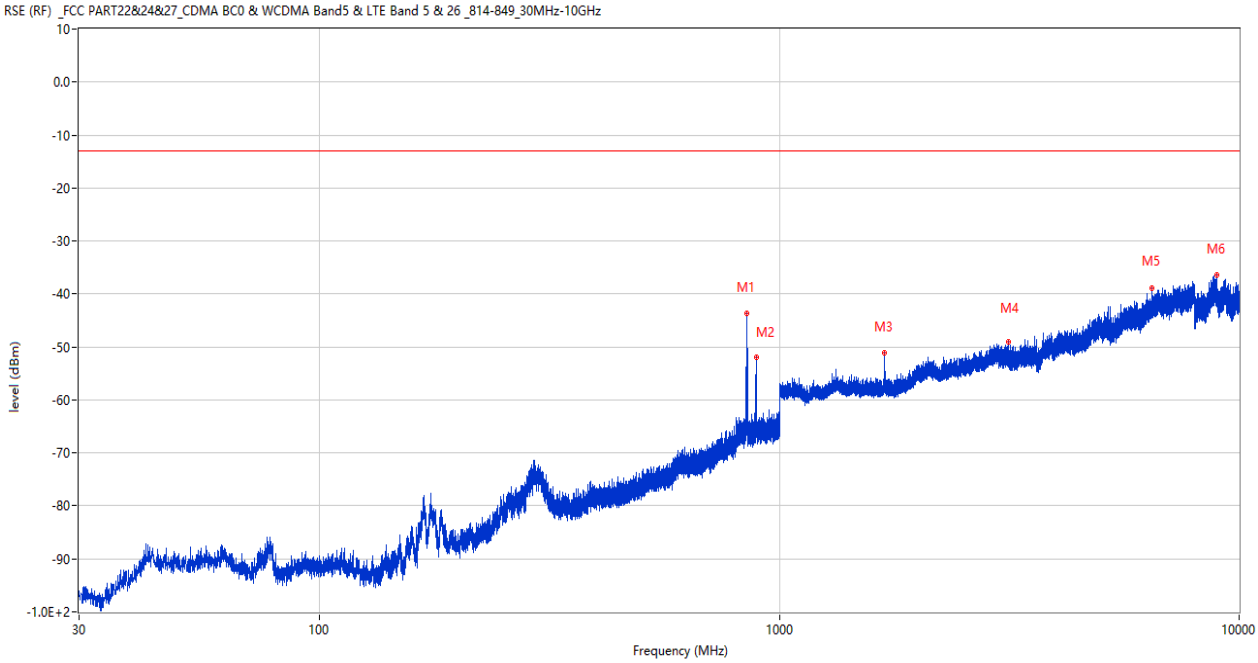
Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
835.391	-49.83	7.11	-13.0	36.83	360.00	Horizontal	Horizontal	N/A
881.369	-54.28	6.74	-13.0	41.28	257.00	Horizontal	Horizontal	N/A
1676.200	-53.54	-3.65	-13.0	40.54	168.00	Horizontal	Horizontal	Pass
2933.100	-48.72	4.02	-13.0	35.72	61.00	Horizontal	Horizontal	Pass
4304.250	-45.12	10.78	-13.0	32.12	70.00	Horizontal	Horizontal	Pass
7258.000	-37.98	17.67	-13.0	24.98	81.00	Horizontal	Horizontal	Pass

Band:WCDMA B5,Channel:Mid range



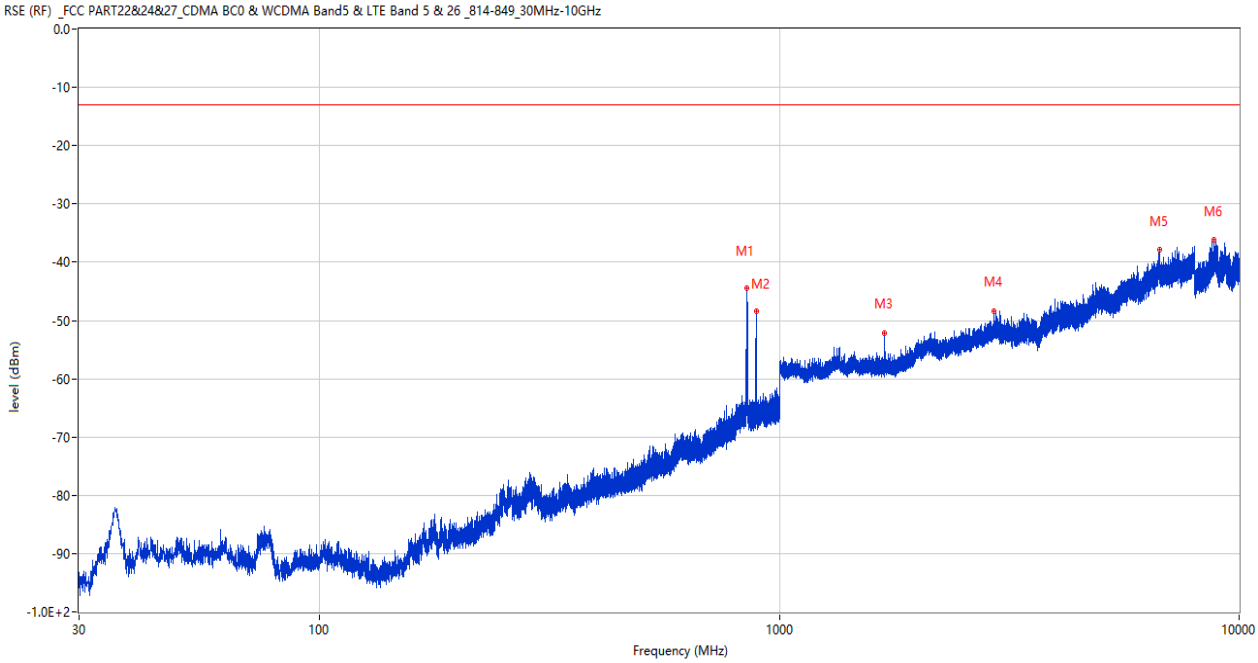
Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
835.488	-53.21	7.11	-13.0	40.21	83.00	Vertical	Horizontal	N/A
882.339	-42.96	6.79	-13.0	29.96	346.00	Vertical	Horizontal	N/A
1671.700	-49.88	-3.74	-13.0	36.88	358.00	Vertical	Horizontal	Pass
2873.700	-49.61	4.19	-13.0	36.61	130.00	Vertical	Horizontal	Pass
6728.500	-38.56	16.45	-13.0	25.56	18.00	Vertical	Horizontal	Pass
9310.099	-36.18	19.66	-13.0	23.18	87.00	Vertical	Horizontal	Pass

Band:WCDMA B5,Channel:High range



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
848.534	-43.58	7.31	-13.0	30.58	344.00	Horizontal	Horizontal	N/A
890.148	-52.01	7.01	-13.0	39.01	257.00	Horizontal	Horizontal	N/A
1691.500	-51.08	-3.56	-13.0	38.08	157.00	Horizontal	Horizontal	Pass
3155.750	-49.09	6.06	-13.0	36.09	28.00	Horizontal	Horizontal	Pass
6468.500	-38.79	16.05	-13.0	25.79	197.00	Horizontal	Horizontal	Pass
8925.600	-36.45	19.59	-13.0	23.45	213.00	Horizontal	Horizontal	Pass

Band:WCDMA B5,Channel:High range

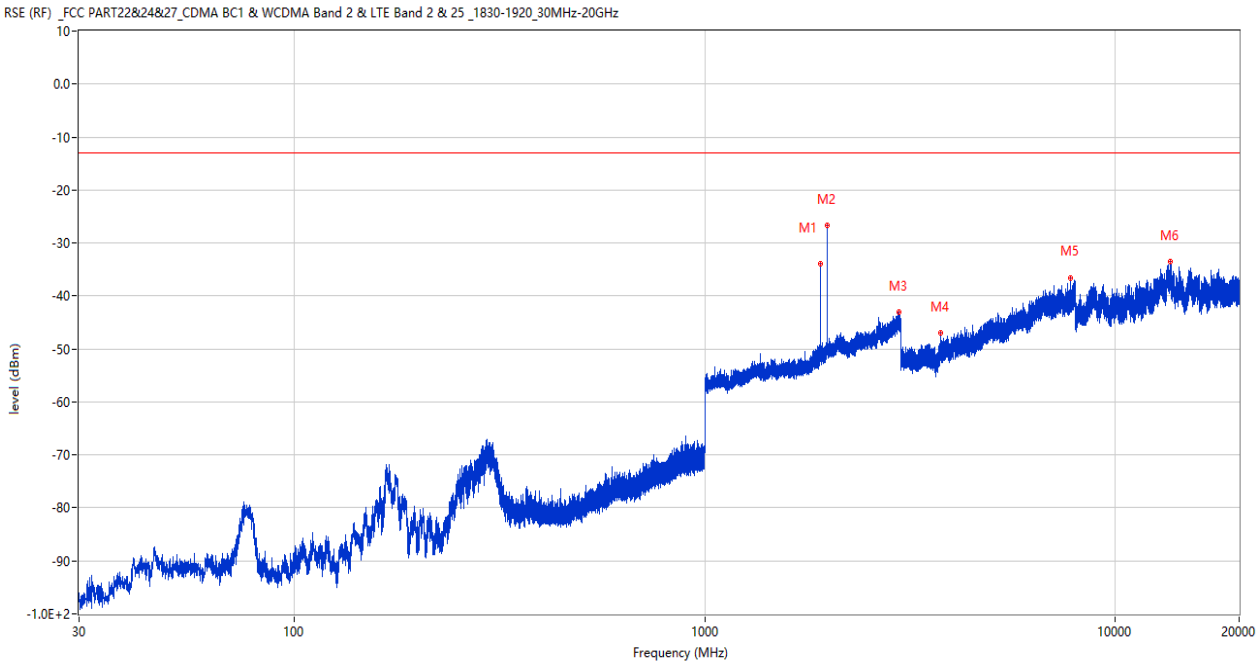


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
848.438	-44.46	7.31	-13.0	31.46	234.00	Vertical	Horizontal	N/A
892.233	-48.34	6.95	-13.0	35.34	172.00	Vertical	Horizontal	N/A
1691.500	-52.08	-3.56	-13.0	39.08	167.00	Vertical	Horizontal	Pass
2927.700	-48.39	4.33	-13.0	35.39	77.00	Vertical	Horizontal	Pass
6719.250	-37.85	16.63	-13.0	24.85	133.00	Vertical	Horizontal	Pass
8820.799	-36.23	19.88	-13.0	23.23	216.00	Vertical	Horizontal	Pass

4. LTE

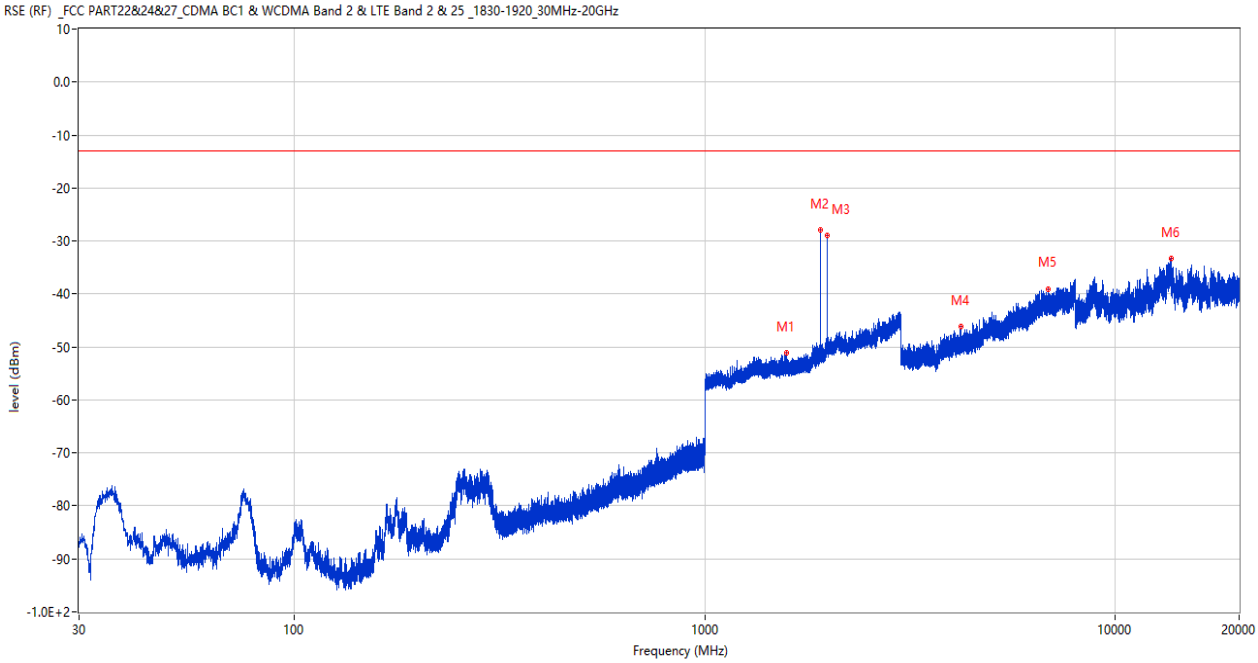
4.1 LTE Band 2

Band:LTE B2,Channel:High range,BW1.4



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
1910.200	-34.02	3.10	-13.0	21.02	212.00	Horizontal	Horizontal	N/A
1990.000	-26.77	4.60	-13.0	13.77	257.00	Horizontal	Horizontal	N/A
2975.800	-43.02	11.66	-13.0	30.02	346.00	Horizontal	Horizontal	Pass
3753.500	-47.00	9.59	-13.0	34.00	1.00	Horizontal	Horizontal	Pass
7786.000	-36.53	18.16	-13.0	23.53	331.00	Horizontal	Horizontal	Pass
13568.162	-33.53	25.09	-13.0	20.53	122.00	Horizontal	Horizontal	Pass

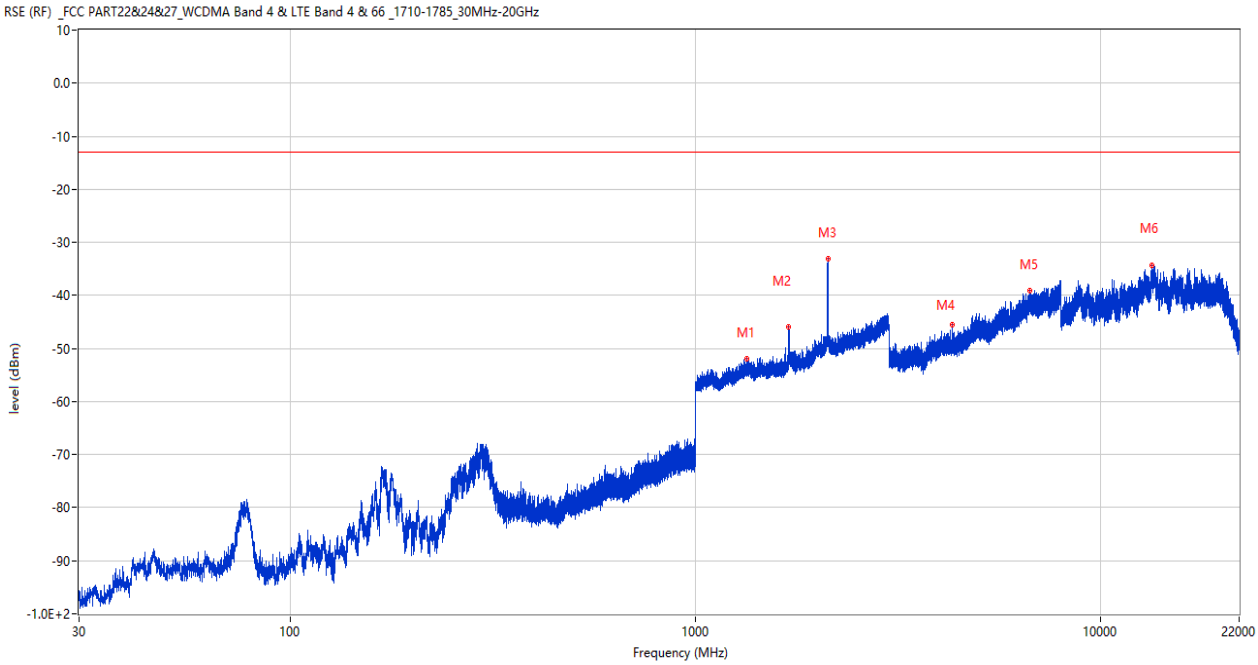
Band:LTE B2,Channel:High range,BW1.4



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
1578.500	-51.17	0.65	-13.0	38.17	322.00	Vertical	Horizontal	Pass
1910.300	-27.99	3.10	-13.0	14.99	194.00	Vertical	Horizontal	N/A
1990.200	-28.94	4.58	-13.0	15.94	137.00	Vertical	Horizontal	N/A
4214.750	-46.24	10.57	-13.0	33.24	306.00	Vertical	Horizontal	Pass
6867.250	-39.00	16.47	-13.0	26.00	205.00	Vertical	Horizontal	Pass
13645.375	-33.27	24.83	-13.0	20.27	61.00	Vertical	Horizontal	Pass

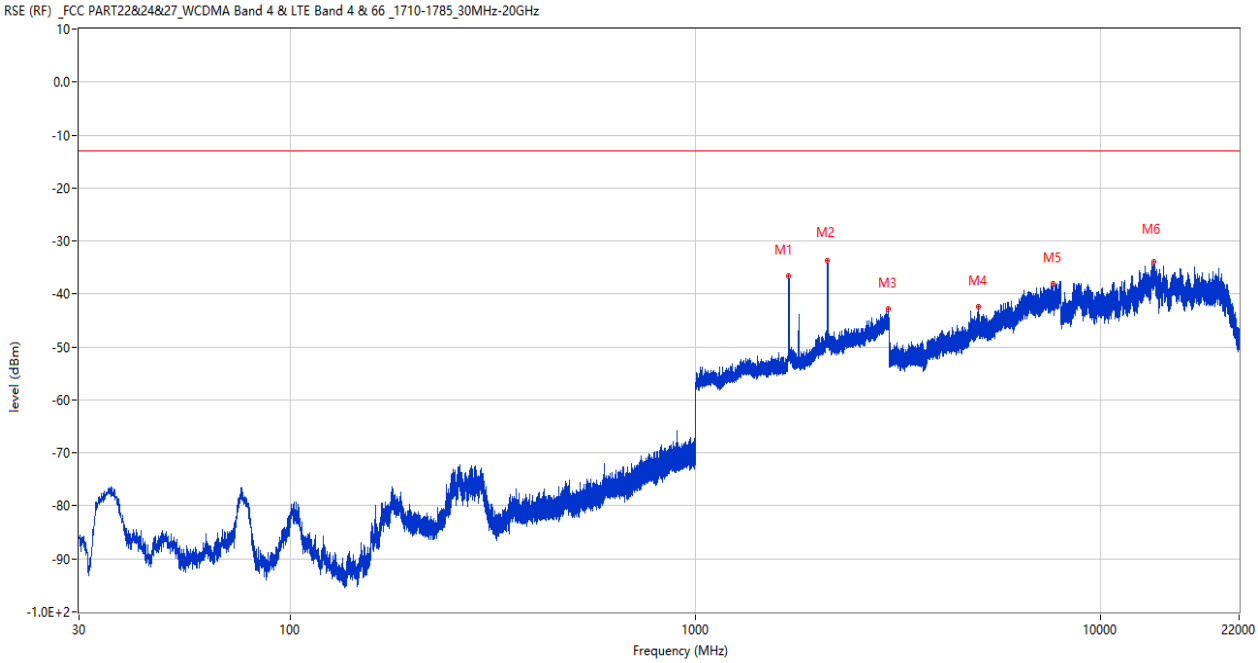
4.2 LTE Band 4

Band:LTE B4,Channel:Low range,BW20



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
1337.700	-51.95	0.65	-13.0	38.95	336.00	Horizontal	Horizontal	Pass
1699.600	-45.93	2.60	-13.0	32.93	336.00	Horizontal	Horizontal	N/A
2127.900	-33.03	4.80	-13.0	20.03	153.00	Horizontal	Horizontal	N/A
4314.250	-45.60	10.15	-13.0	32.60	255.00	Horizontal	Horizontal	Pass
6671.500	-39.11	16.63	-13.0	26.11	302.00	Horizontal	Horizontal	Pass
13429.412	-34.24	24.65	-13.0	21.24	360.00	Horizontal	Horizontal	Pass

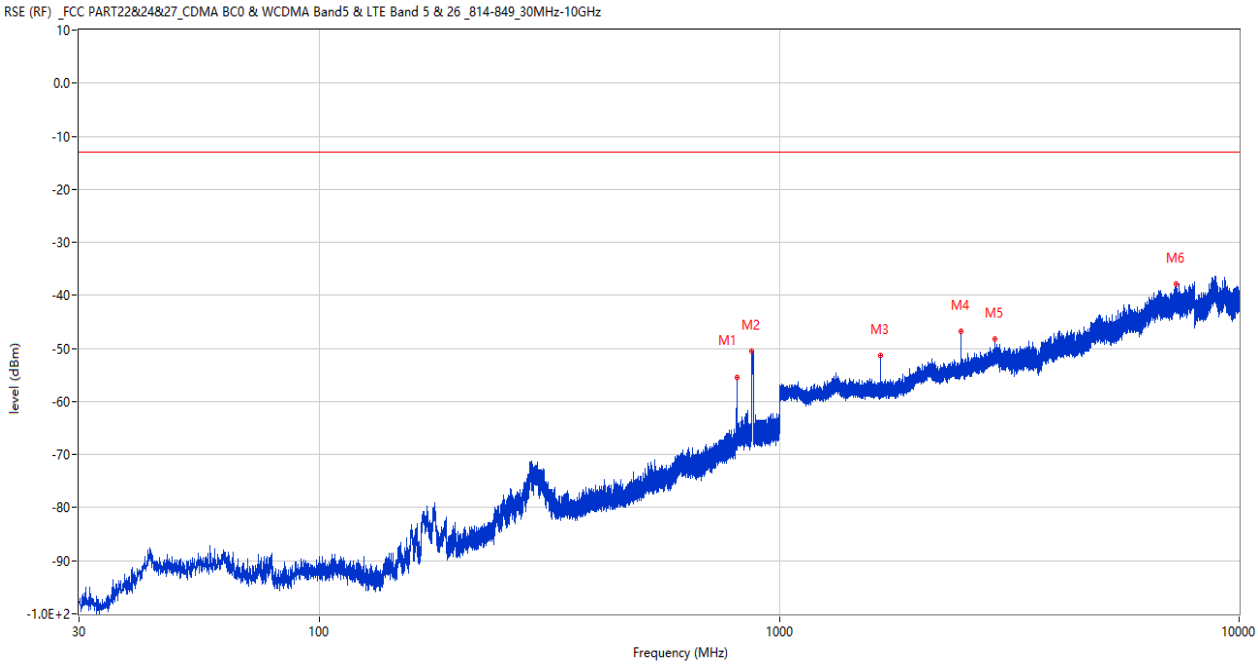
Band:LTE B4,Channel:Low range,BW20



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
1696.700	-36.67	1.48	-13.0	23.67	217.00	Vertical	Horizontal	N/A
2114.100	-33.67	5.65	-13.0	20.67	341.00	Vertical	Horizontal	N/A
2985.800	-42.90	10.75	-13.0	29.90	88.00	Vertical	Horizontal	Pass
4982.500	-42.50	13.30	-13.0	29.50	332.00	Vertical	Horizontal	Pass
7636.250	-38.04	17.36	-13.0	25.04	0.00	Vertical	Horizontal	Pass
13555.675	-33.95	25.18	-13.0	20.95	32.00	Vertical	Horizontal	Pass

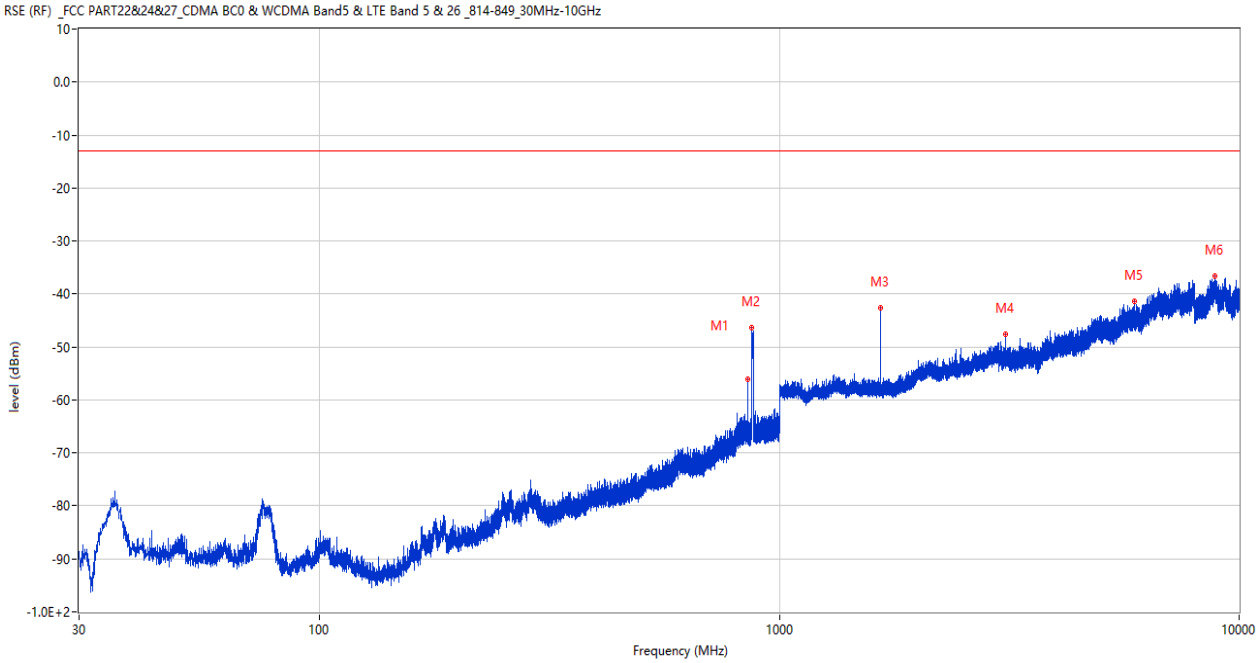
4.3 LTE Band 5

Band:LTE B5,Channel:Low range,BW10



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
808.037	-55.46	6.32	-13.0	42.46	294.00	Horizontal	Horizontal	N/A
872.300	-50.43	6.42	-13.0	37.43	40.00	Horizontal	Horizontal	N/A
1659.300	-51.40	-3.71	-13.0	38.40	165.00	Horizontal	Horizontal	Pass
2488.200	-46.85	1.83	-13.0	33.85	170.00	Horizontal	Horizontal	Pass
2941.500	-48.20	4.24	-13.0	35.20	210.00	Horizontal	Horizontal	Pass
7312.250	-37.77	16.99	-13.0	24.77	323.00	Horizontal	Horizontal	Pass

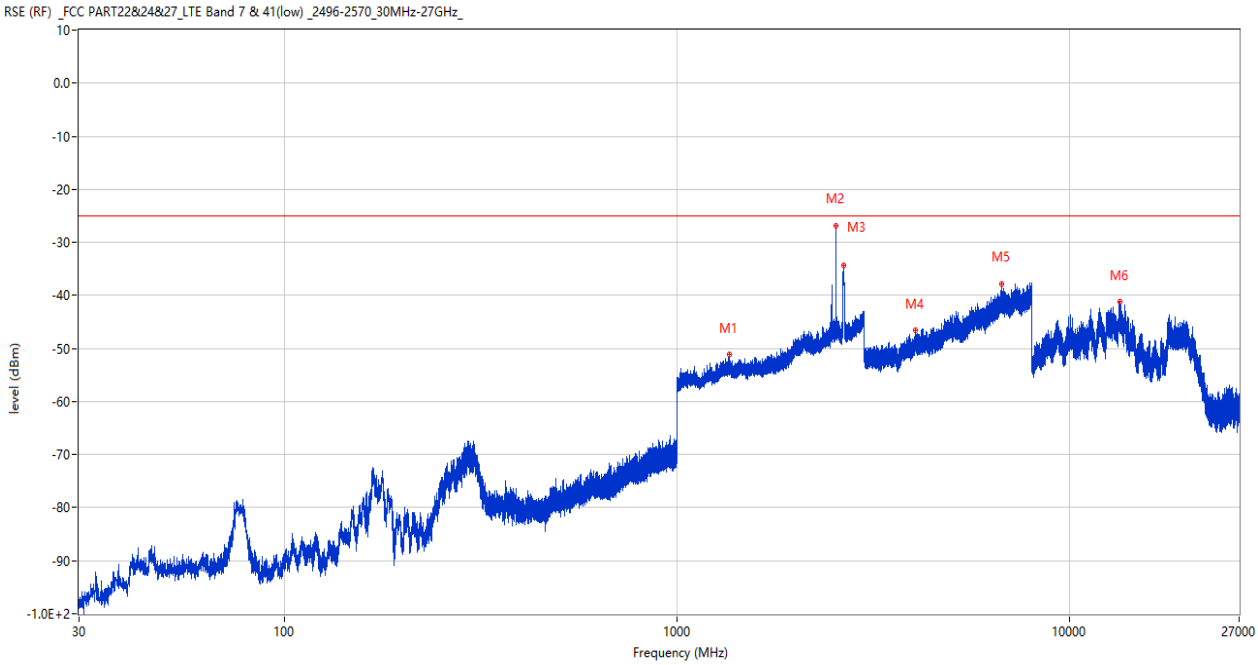
Band:LTE B5,Channel:Low range,BW10



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
853.675	-56.15	7.38	-13.0	43.15	255.00	Vertical	Horizontal	N/A
870.796	-46.33	6.39	-13.0	33.33	189.00	Vertical	Horizontal	N/A
1659.000	-42.65	-3.67	-13.0	29.65	183.00	Vertical	Horizontal	Pass
3103.750	-47.67	6.35	-13.0	34.67	1.00	Vertical	Horizontal	Pass
5912.000	-41.42	14.45	-13.0	28.42	224.00	Vertical	Horizontal	Pass
8848.099	-36.58	20.33	-13.0	23.58	360.00	Vertical	Horizontal	Pass

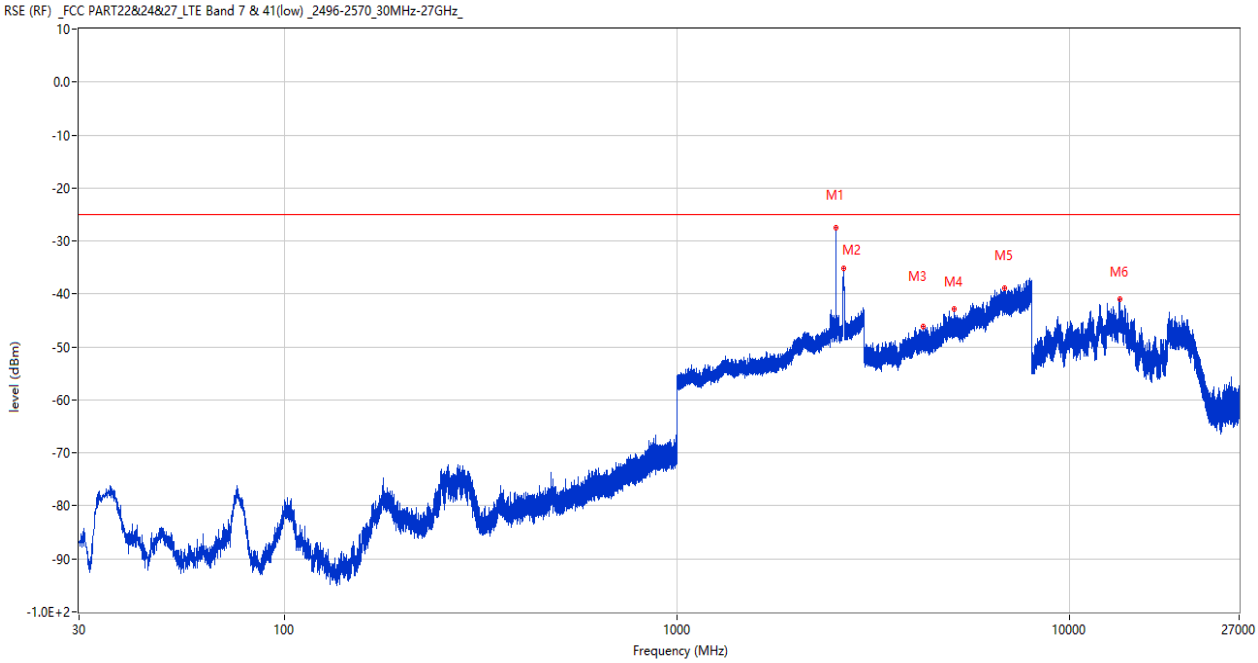
4.4 LTE Band 7

Band:LTE B7,Channel:Mid range,BW20



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
1358.000	-51.14	0.66	-25.0	26.14	318.00	Horizontal	Horizontal	Pass
2536.000	-26.79	8.83	-25.0	1.79	165.00	Horizontal	Horizontal	N/A
2662.800	-34.42	8.87	-25.0	9.42	25.00	Horizontal	Horizontal	N/A
4054.250	-46.51	10.94	-25.0	21.51	262.00	Horizontal	Horizontal	Pass
6694.750	-37.75	16.94	-25.0	12.75	255.00	Horizontal	Horizontal	Pass
13417.800	-41.14	16.62	-25.0	16.14	166.00	Horizontal	Horizontal	Pass

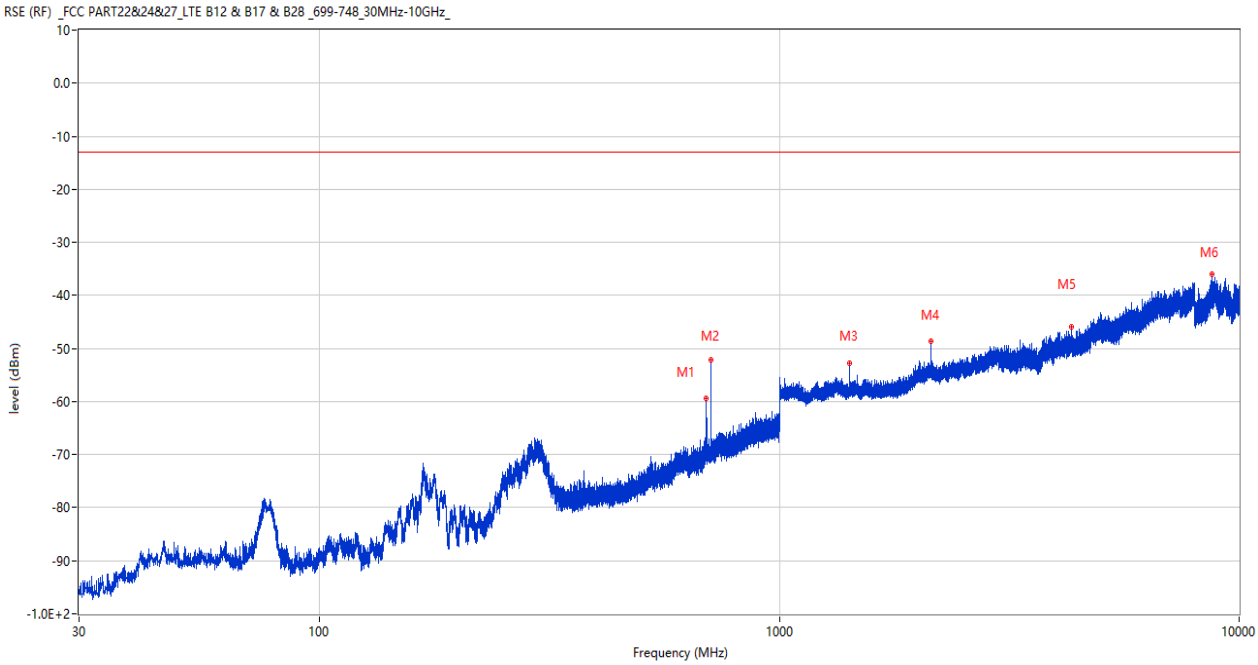
Band:LTE B7,Channel:Mid range,BW20



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
2536.000	-27.39	8.83	-25.0	2.39	171.00	Vertical	Horizontal	N/A
2663.600	-35.23	8.94	-25.0	10.23	3.00	Vertical	Horizontal	N/A
4223.250	-46.22	10.22	-25.0	21.22	187.00	Vertical	Horizontal	Pass
5070.500	-42.74	12.15	-25.0	17.74	240.00	Vertical	Horizontal	Pass
6813.250	-38.81	16.14	-25.0	13.81	301.00	Vertical	Horizontal	Pass
13385.250	-40.87	16.87	-25.0	15.87	278.00	Vertical	Horizontal	Pass

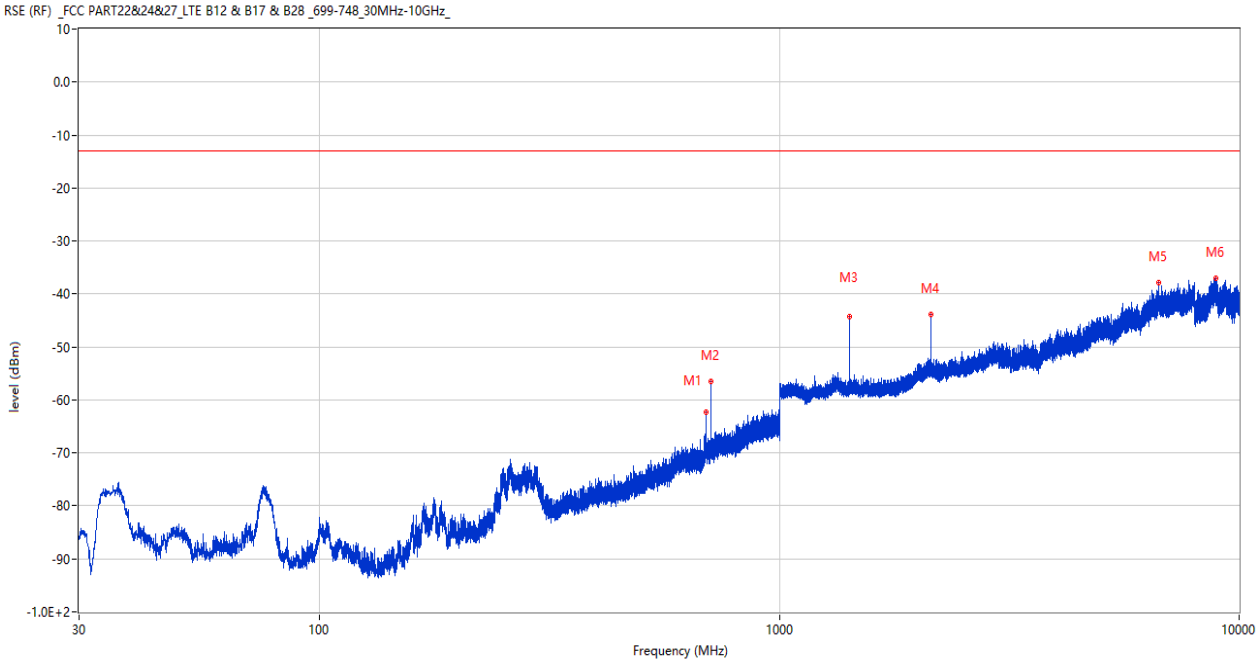
4.5 LTE Band 12

Band:LTE B12,Channel:High range,BW10



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
693.044	-59.44	2.98	-13.0	46.44	329.00	Horizontal	Horizontal	N/A
711.134	-52.23	3.46	-13.0	39.23	128.00	Horizontal	Horizontal	N/A
1423.200	-52.67	-3.29	-13.0	39.67	301.00	Horizontal	Horizontal	Pass
2133.900	-48.70	-0.38	-13.0	35.70	359.00	Horizontal	Horizontal	Pass
4322.000	-45.93	10.09	-13.0	32.93	334.00	Horizontal	Horizontal	Pass
8715.800	-36.06	19.24	-13.0	23.06	253.00	Horizontal	Horizontal	Pass

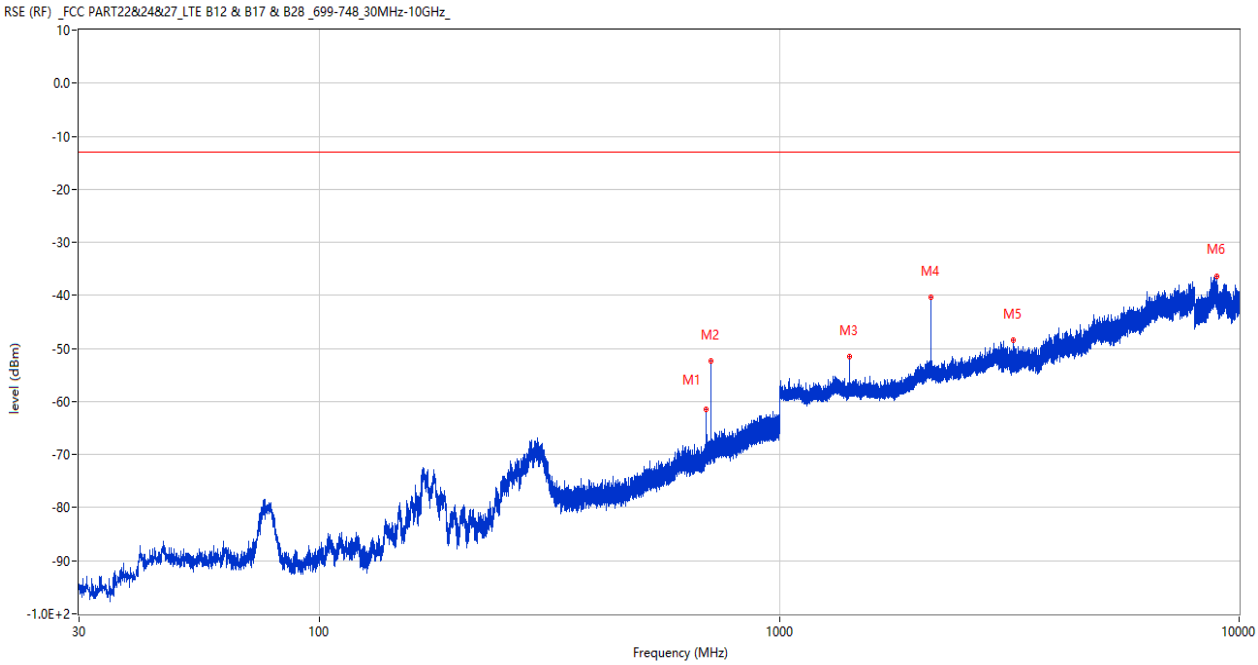
Band:LTE B12,Channel:High range,BW10



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
692.753	-62.23	2.97	-13.0	49.23	142.00	Vertical	Horizontal	N/A
711.182	-56.57	3.46	-13.0	43.57	339.00	Vertical	Horizontal	N/A
1423.100	-44.25	-3.30	-13.0	31.25	219.00	Vertical	Horizontal	Pass
2134.000	-43.86	-0.37	-13.0	30.86	333.00	Vertical	Horizontal	Pass
6689.250	-37.89	17.06	-13.0	24.89	159.00	Vertical	Horizontal	Pass
8889.600	-37.03	19.88	-13.0	24.03	213.00	Vertical	Horizontal	Pass

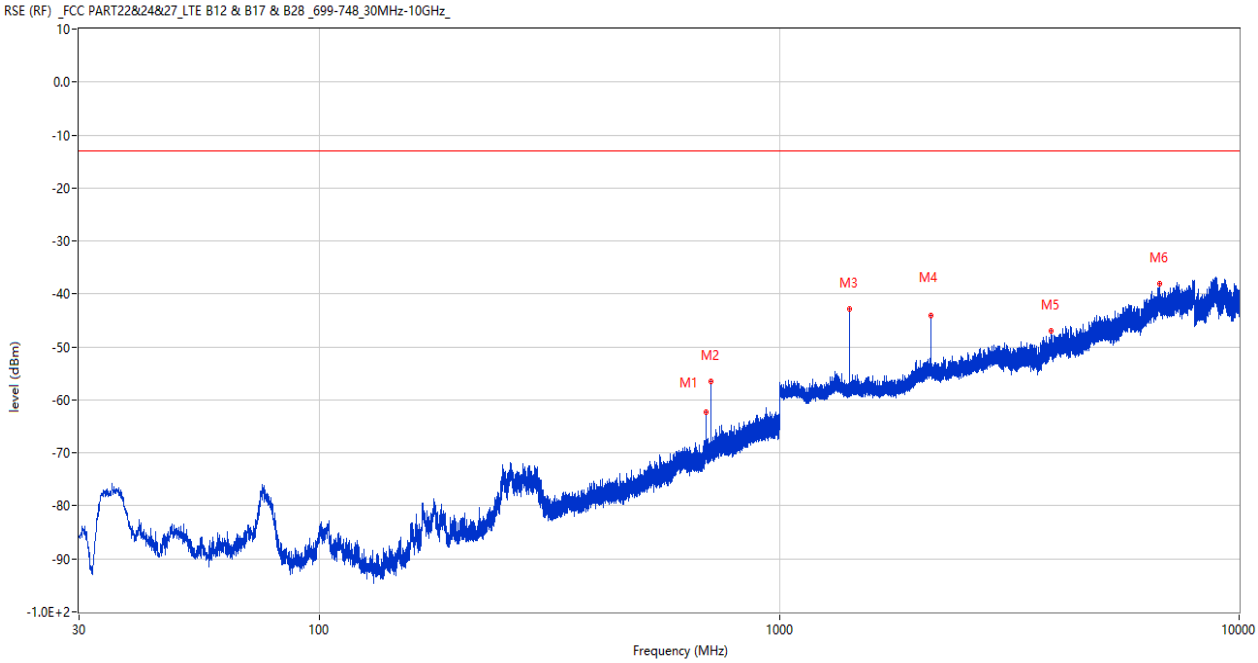
4.7 LTE Band 17

Band:LTE B17,Channel:High range,BW10



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
692.898	-61.47	2.97	-13.0	48.47	130.00	Horizontal	Horizontal	N/A
711.134	-52.36	3.46	-13.0	39.36	127.00	Horizontal	Horizontal	N/A
1423.200	-51.59	-3.29	-13.0	38.59	292.00	Horizontal	Horizontal	Pass
2133.900	-40.41	-0.38	-13.0	27.41	30.00	Horizontal	Horizontal	Pass
3232.000	-48.50	6.43	-13.0	35.50	112.00	Horizontal	Horizontal	Pass
8934.700	-36.41	19.53	-13.0	23.41	38.00	Horizontal	Horizontal	Pass

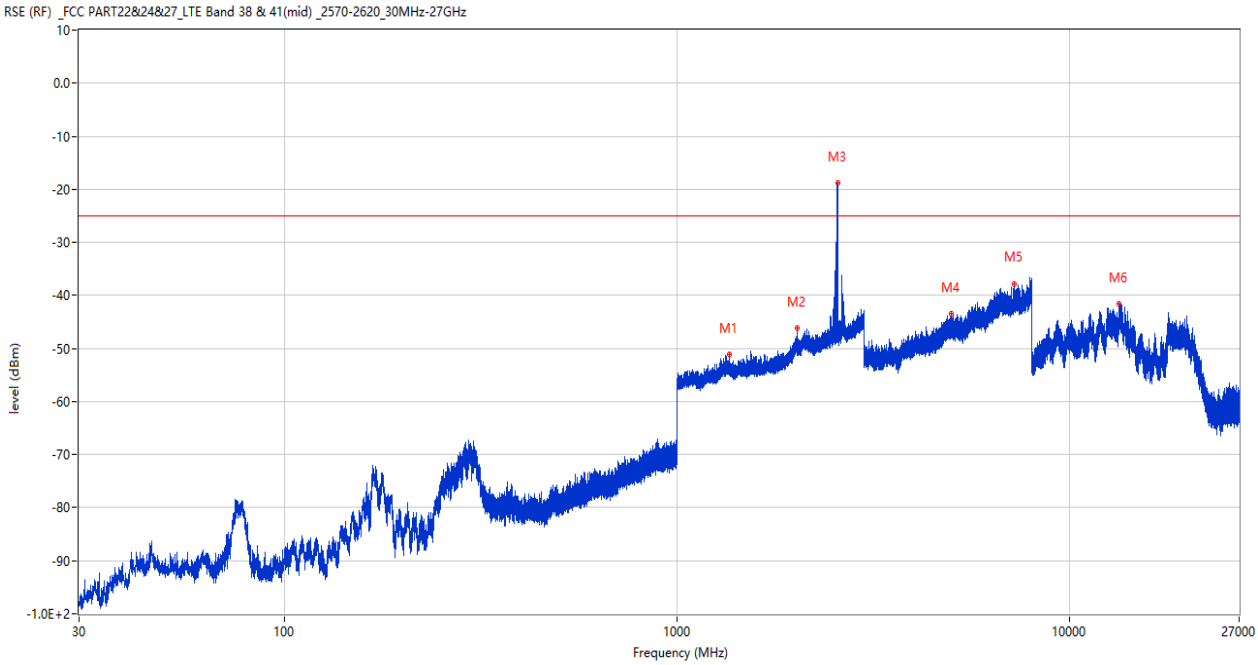
Band:LTE B17,Channel:High range,BW10



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
693.529	-62.21	3.00	-13.0	49.21	360.00	Vertical	Horizontal	N/A
711.134	-56.53	3.46	-13.0	43.53	339.00	Vertical	Horizontal	N/A
1423.100	-42.85	-3.30	-13.0	29.85	223.00	Vertical	Horizontal	Pass
2134.200	-44.00	-0.35	-13.0	31.00	337.00	Vertical	Horizontal	Pass
3904.500	-47.02	9.98	-13.0	34.02	0.00	Vertical	Horizontal	Pass
6710.500	-38.14	16.67	-13.0	25.14	237.00	Vertical	Horizontal	Pass

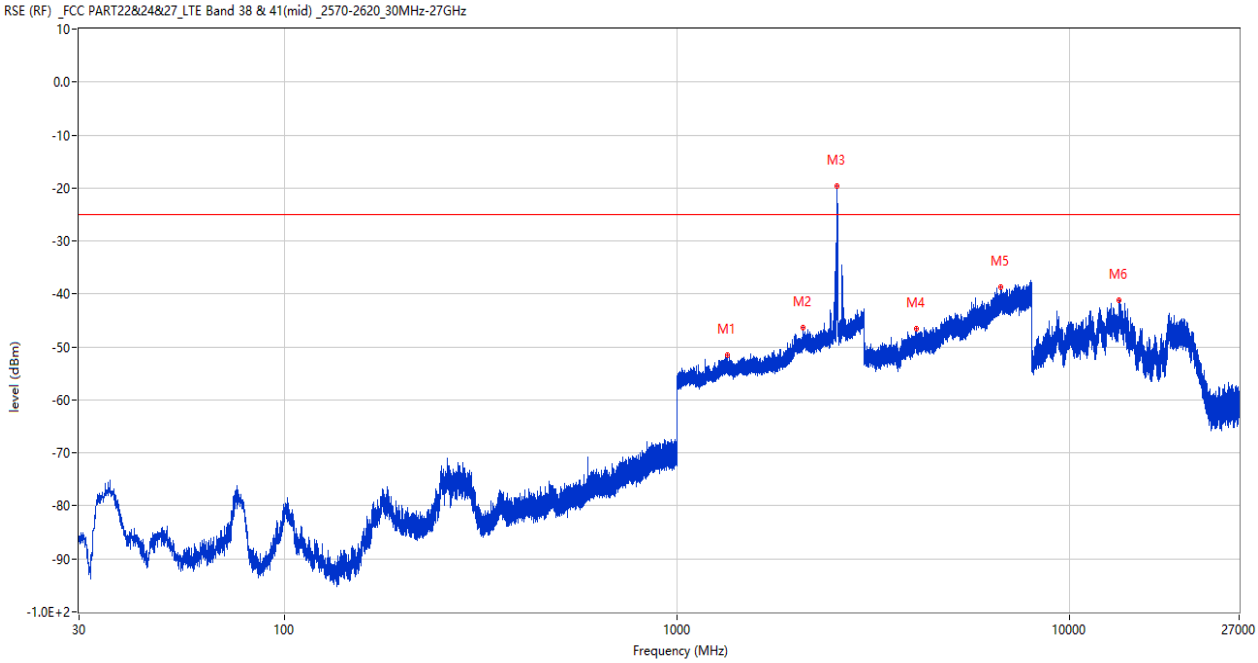
4.8 LTE Band 38

Band:LTE B38,Channel:Low range,BW20



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
1357.900	-51.09	0.67	-25.0	26.09	177.00	Horizontal	Horizontal	Pass
2022.000	-46.17	4.14	-25.0	21.17	82.00	Horizontal	Horizontal	Pass
2562.700	-18.85	8.28	-25.0	-6.15	353.00	Horizontal	Horizontal	N/A
4985.250	-43.39	13.22	-25.0	18.39	278.00	Horizontal	Horizontal	Pass
7242.250	-37.86	17.52	-25.0	12.86	216.00	Horizontal	Horizontal	Pass
13376.588	-41.55	16.79	-25.0	16.55	300.00	Horizontal	Horizontal	Pass

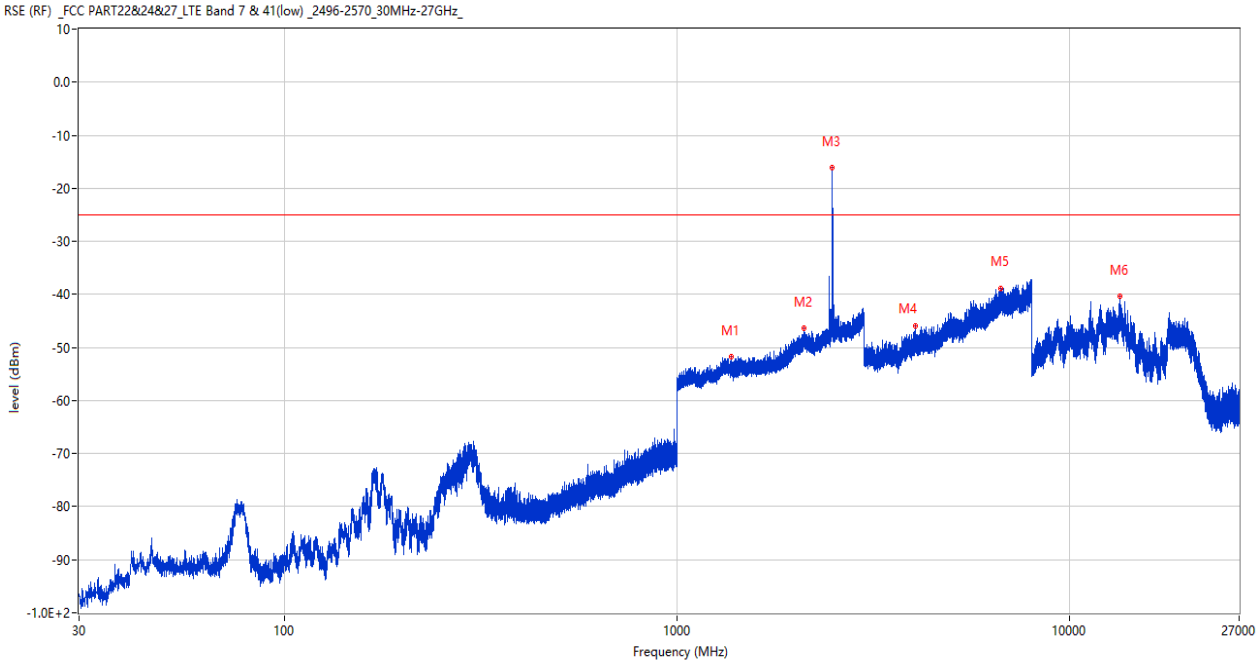
Band:LTE B38,Channel:Low range,BW20



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
1344.500	-51.58	0.85	-25.0	26.58	79.00	Vertical	Horizontal	Pass
2097.700	-46.38	5.71	-25.0	21.38	340.00	Vertical	Horizontal	Pass
2553.400	-19.57	8.39	-25.0	-5.43	174.00	Vertical	Horizontal	N/A
4060.250	-46.65	10.78	-25.0	21.65	16.00	Vertical	Horizontal	Pass
6681.500	-38.75	16.93	-25.0	13.75	139.00	Vertical	Horizontal	Pass
13369.763	-41.11	16.73	-25.0	16.11	3.00	Vertical	Horizontal	Pass

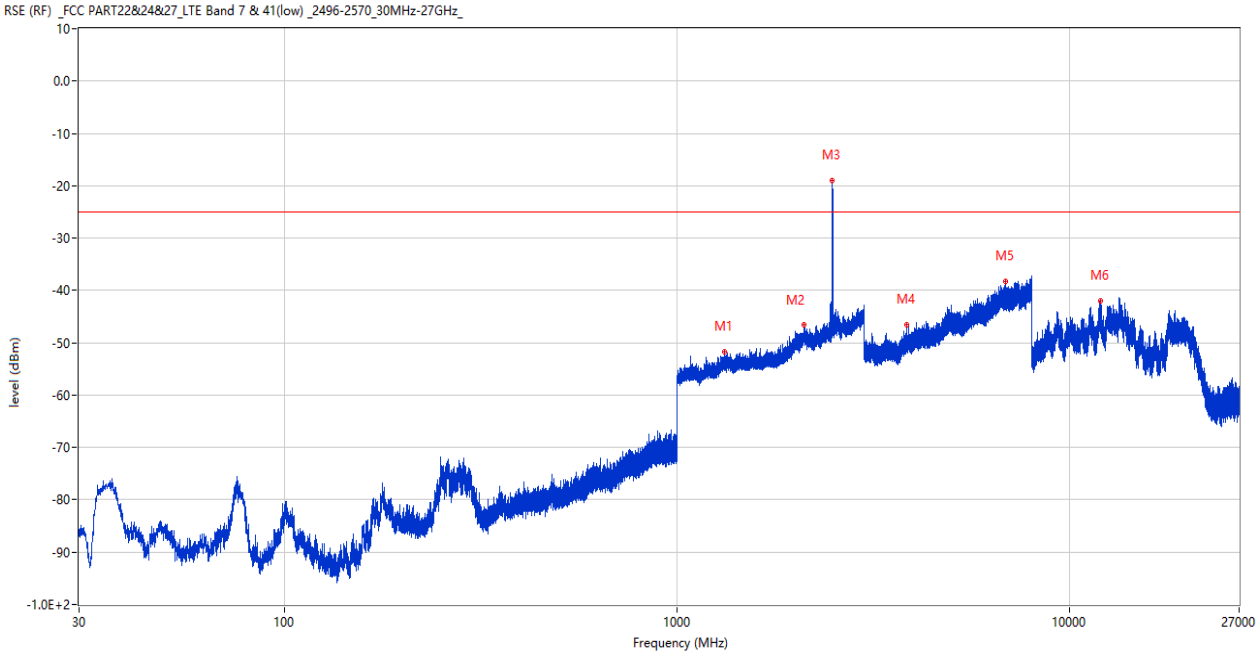
4.8 LTE Band 41

Band:LTE B41,Channel:Low range,BW10



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
1371.800	-51.80	0.51	-25.0	26.80	111.00	Horizontal	Horizontal	Pass
2106.400	-46.29	5.95	-25.0	21.29	192.00	Horizontal	Horizontal	Pass
2487.800	-16.08	8.83	-25.0	-8.92	179.00	Horizontal	Horizontal	N/A
4039.000	-45.95	9.94	-25.0	20.95	20.00	Horizontal	Horizontal	Pass
6678.750	-38.89	16.80	-25.0	13.89	284.00	Horizontal	Horizontal	Pass
13385.513	-40.29	16.87	-25.0	15.29	10.00	Horizontal	Horizontal	Pass

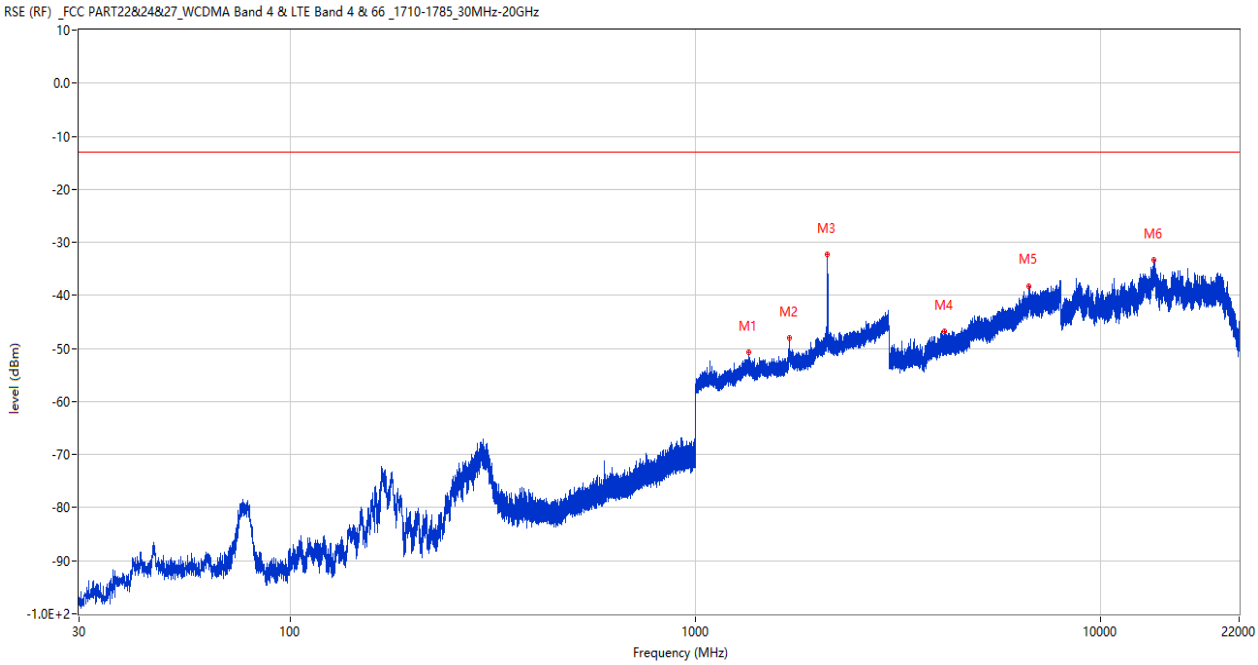
Band:LTE B41,Channel:Low range,BW10



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
1320.000	-51.69	0.64	-25.0	26.69	210.00	Vertical	Horizontal	Pass
2108.200	-46.47	6.10	-25.0	21.47	322.00	Vertical	Horizontal	Pass
2488.800	-18.96	8.83	-25.0	-6.04	210.00	Vertical	Horizontal	N/A
3840.250	-46.65	9.26	-25.0	21.65	39.00	Vertical	Horizontal	Pass
6857.000	-38.35	16.45	-25.0	13.35	215.00	Vertical	Horizontal	Pass
11972.187	-42.05	13.93	-25.0	17.05	235.00	Vertical	Horizontal	Pass

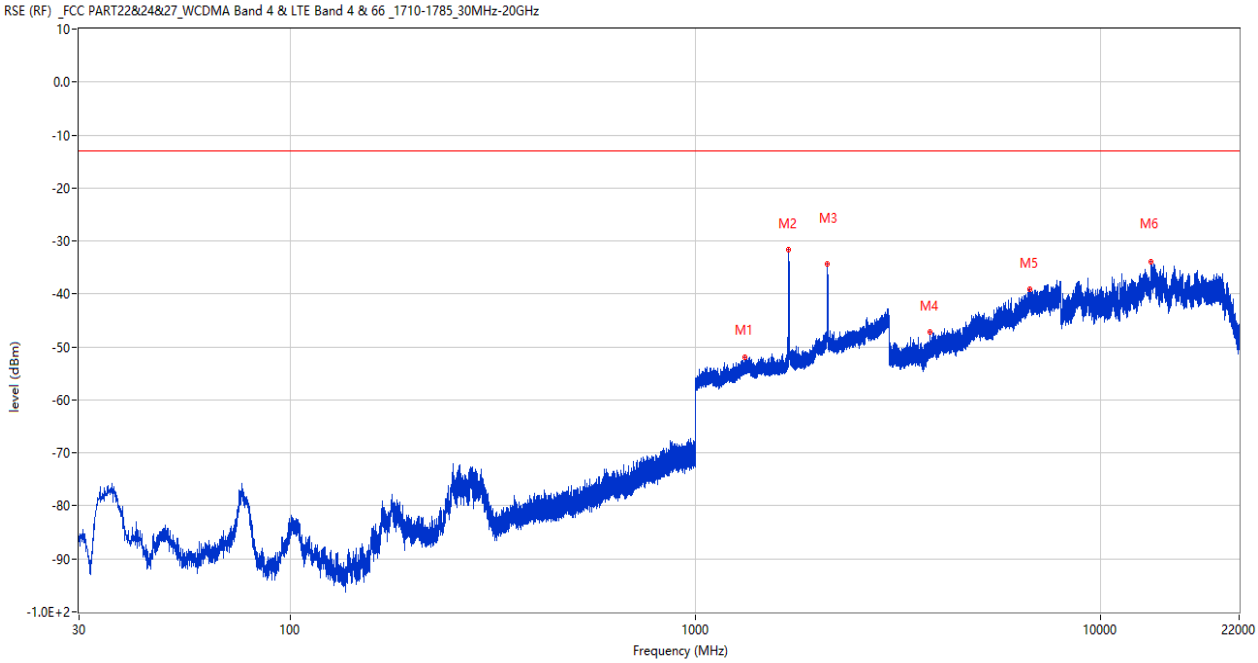
4.8 LTE Band 66

Band:LTE B66,Channel:Low range,BW10



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
1352.400	-50.74	0.59	-13.0	37.74	0.00	Horizontal	Horizontal	Pass
1702.100	-47.94	2.76	-13.0	34.94	317.00	Horizontal	Horizontal	N/A
2114.000	-32.22	5.65	-13.0	19.22	155.00	Horizontal	Horizontal	N/A
4123.250	-46.74	9.66	-13.0	33.74	0.00	Horizontal	Horizontal	Pass
6662.750	-38.18	16.36	-13.0	25.18	124.00	Horizontal	Horizontal	Pass
13578.338	-33.32	25.02	-13.0	20.32	32.00	Horizontal	Horizontal	Pass

Band:LTE B66,Channel:Low range,BW10



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
1325.900	-51.84	0.63	-13.0	38.84	314.00	Vertical	Horizontal	Pass
1698.800	-31.62	2.25	-13.0	18.62	186.00	Vertical	Horizontal	N/A
2113.000	-34.25	5.71	-13.0	21.25	336.00	Vertical	Horizontal	N/A
3783.500	-47.22	8.93	-13.0	34.22	44.00	Vertical	Horizontal	Pass
6696.750	-39.10	16.94	-13.0	26.10	200.00	Vertical	Horizontal	Pass
13345.700	-34.01	24.38	-13.0	21.01	0.00	Vertical	Horizontal	Pass

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