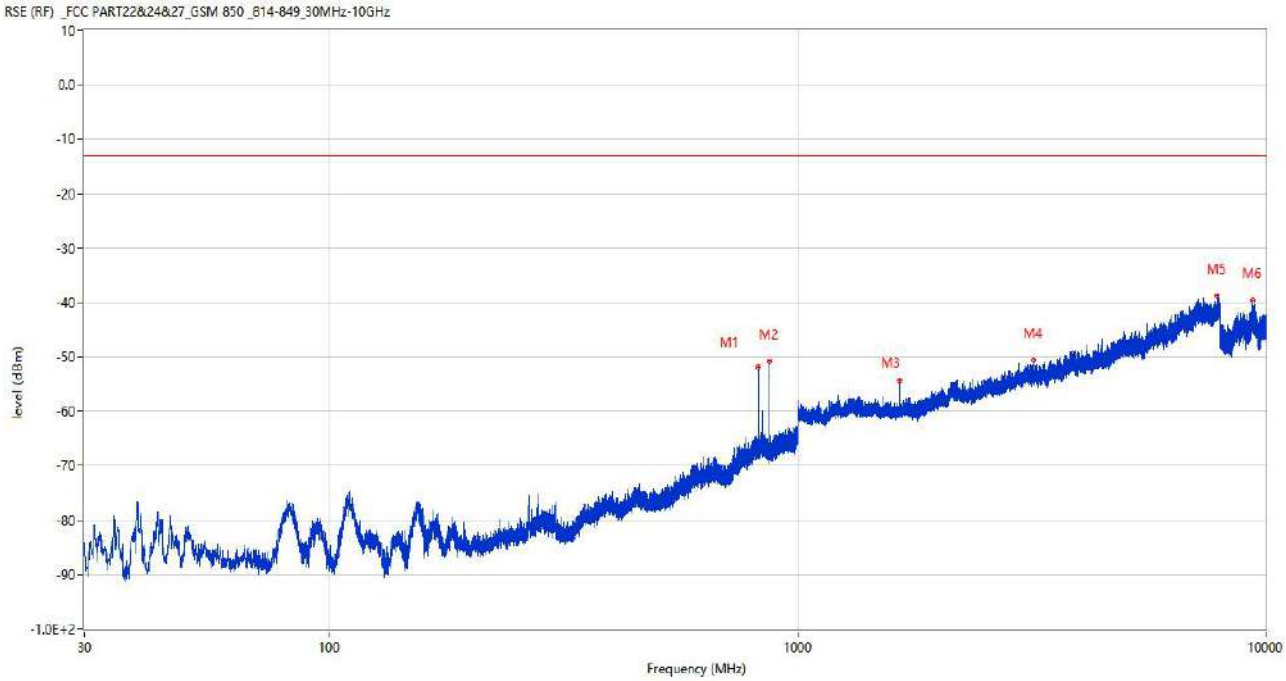
A.7 Field Strength of Spurious Radiation

1. GSM

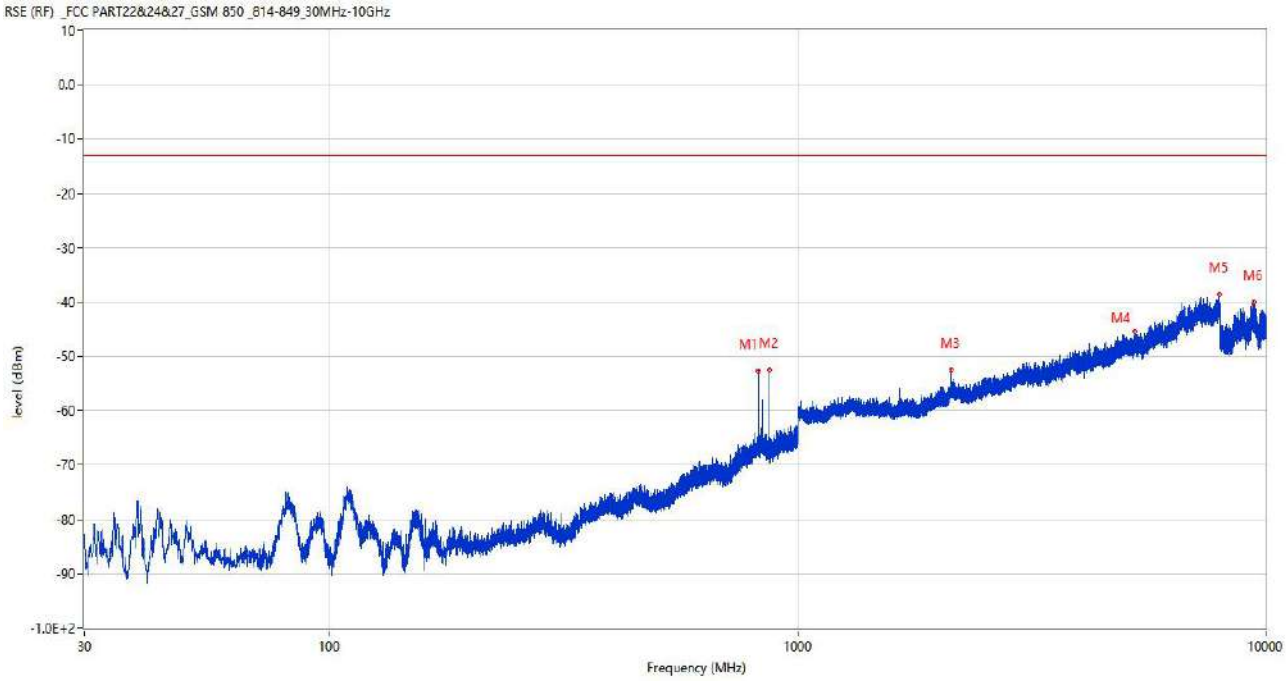
1.1 GSM 850

Band:GSM850 Channel:LOW range



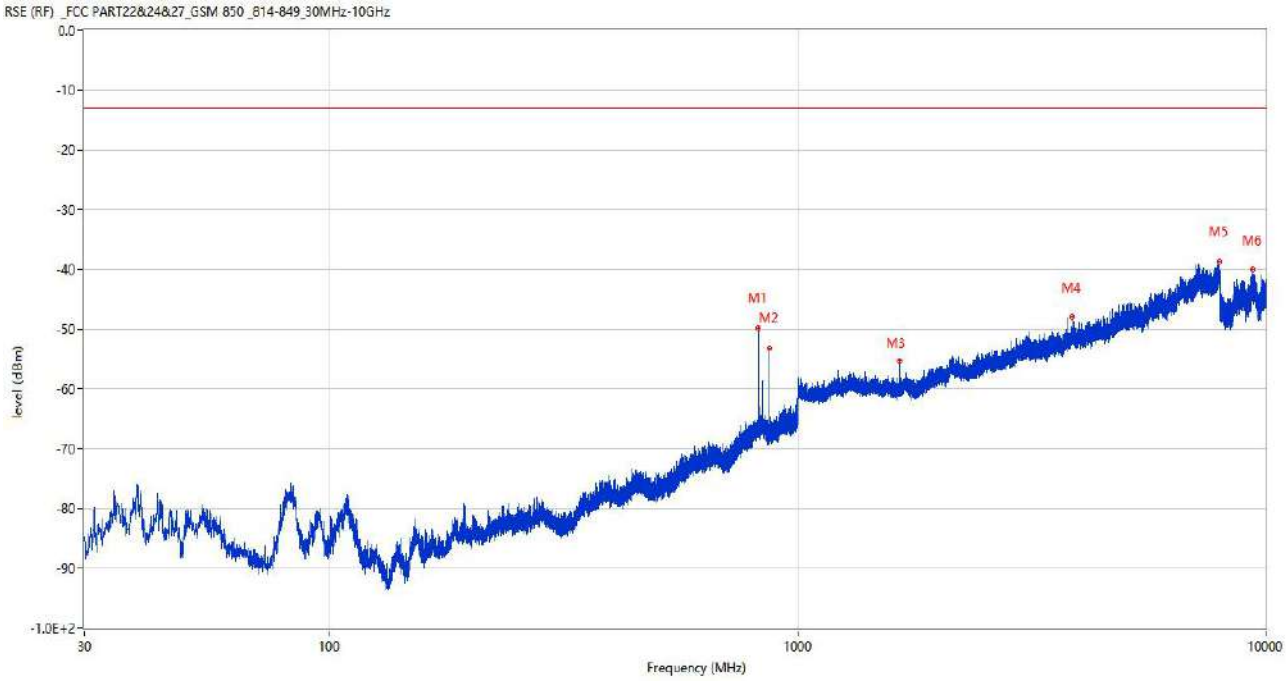
Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
824.236	-51.82	4.26	-13.0	38.82	262.00	Horizontal	Horizontal	N/A
869.196	-50.90	3.50	-13.0	37.90	262.00	Horizontal	Horizontal	N/A
1649.500	-54.30	-5.88	-13.0	41.30	197.00	Horizontal	Horizontal	Pass
3202.500	-50.61	3.51	-13.0	37.61	358.00	Horizontal	Horizontal	Pass
7898.750	-38.81	14.63	-13.0	25.81	0.00	Horizontal	Horizontal	Pass
9354.000	-39.54	13.87	-13.0	26.54	246.00	Horizontal	Horizontal	Pass

Band:GSM850 Channel:LOW range



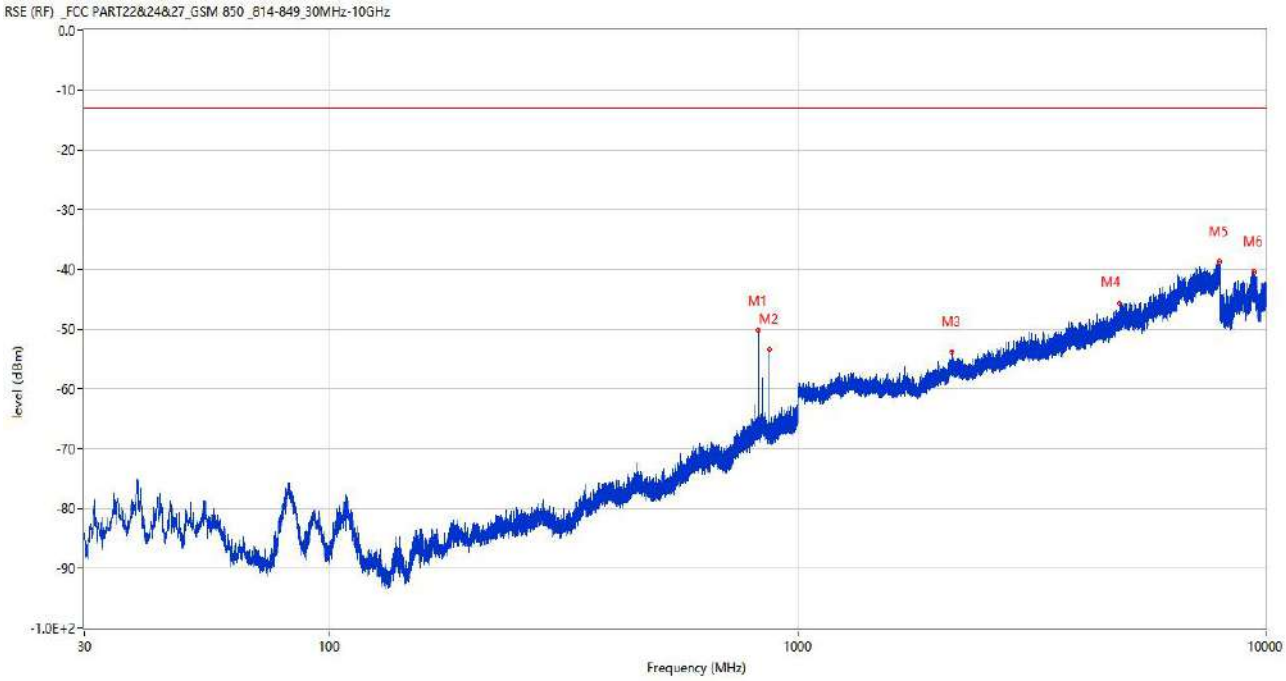
Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
824.236	-52.72	4.26	-13.0	39.72	283.00	Horizontal	Vertical	N/A
869.292	-52.52	3.51	-13.0	39.52	324.00	Horizontal	Vertical	N/A
2123.800	-52.50	-2.38	-13.0	39.50	27.00	Horizontal	Vertical	Pass
5250.500	-45.45	8.28	-13.0	32.45	335.00	Horizontal	Vertical	Pass
7943.250	-38.59	14.98	-13.0	25.59	237.00	Horizontal	Vertical	Pass
9428.200	-40.04	13.60	-13.0	27.04	6.00	Horizontal	Vertical	Pass

Band:GSM850 Channel:LOW range



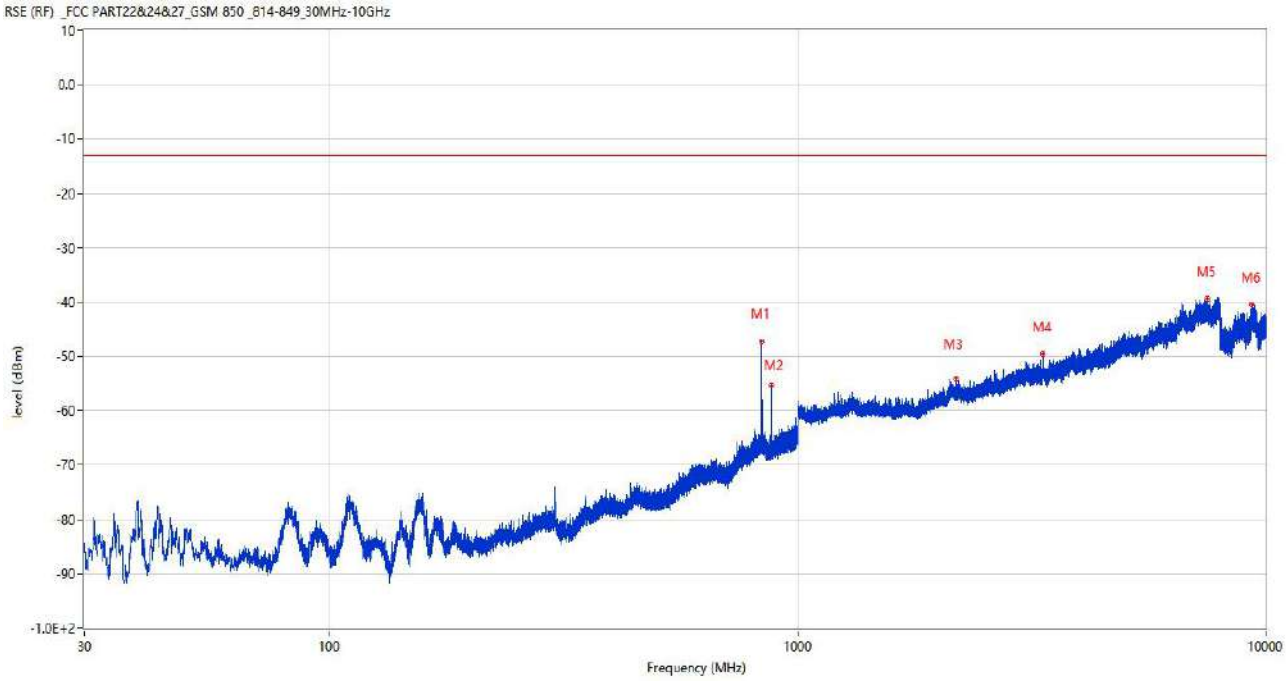
Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
824.188	-49.72	4.26	-13.0	36.72	178.00	Vertical	Vertical	N/A
869.244	-53.26	3.50	-13.0	40.26	0.00	Vertical	Vertical	N/A
1649.300	-55.28	-5.90	-13.0	42.28	206.00	Vertical	Vertical	Pass
3857.000	-47.95	7.22	-13.0	34.95	134.00	Vertical	Vertical	Pass
7946.250	-38.62	15.13	-13.0	25.62	168.00	Vertical	Vertical	Pass
9352.901	-40.05	13.88	-13.0	27.05	152.00	Vertical	Vertical	Pass

Band:GSM850 Channel:LOW range



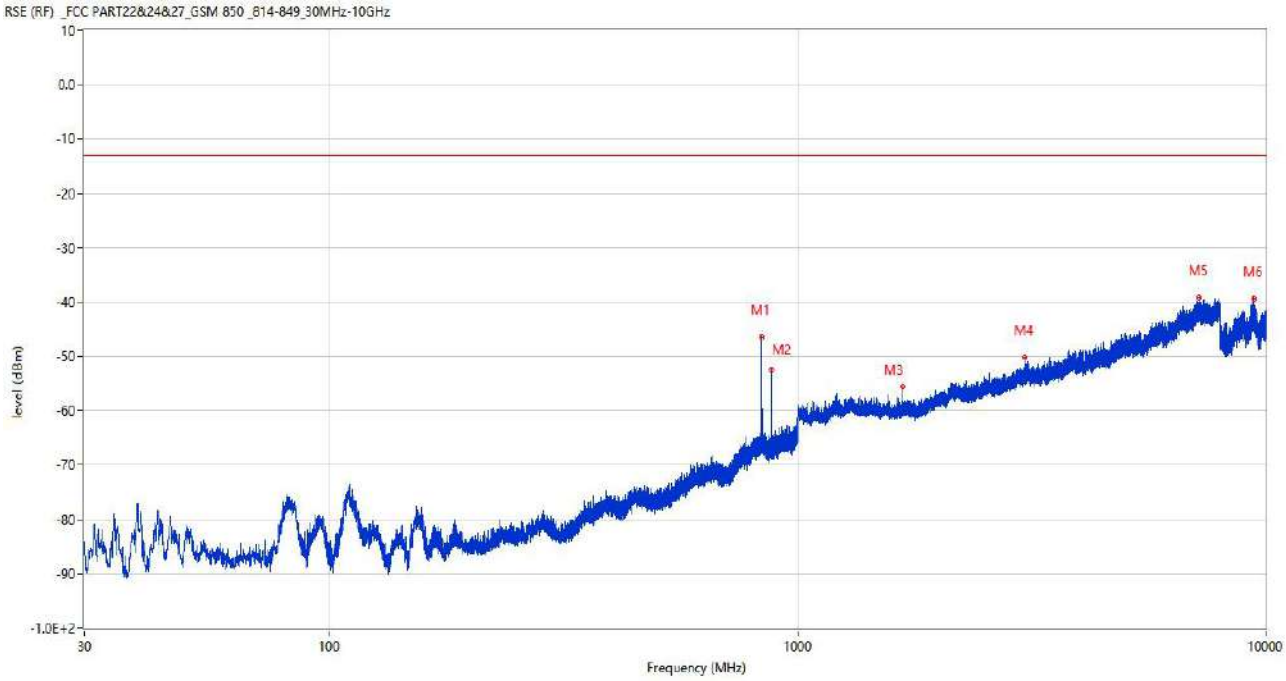
Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
824.188	-50.23	4.26	-13.0	37.23	189.00	Vertical	Horizontal	N/A
869.196	-53.47	3.50	-13.0	40.47	223.00	Vertical	Horizontal	N/A
2137.100	-53.69	-2.14	-13.0	40.69	48.00	Vertical	Horizontal	Pass
4870.750	-45.73	7.83	-13.0	32.73	178.00	Vertical	Horizontal	Pass
7942.000	-38.67	14.89	-13.0	25.67	133.00	Vertical	Horizontal	Pass
9440.800	-40.33	13.70	-13.0	27.33	3.00	Vertical	Horizontal	Pass

Band:GSM850 Channel:MID range



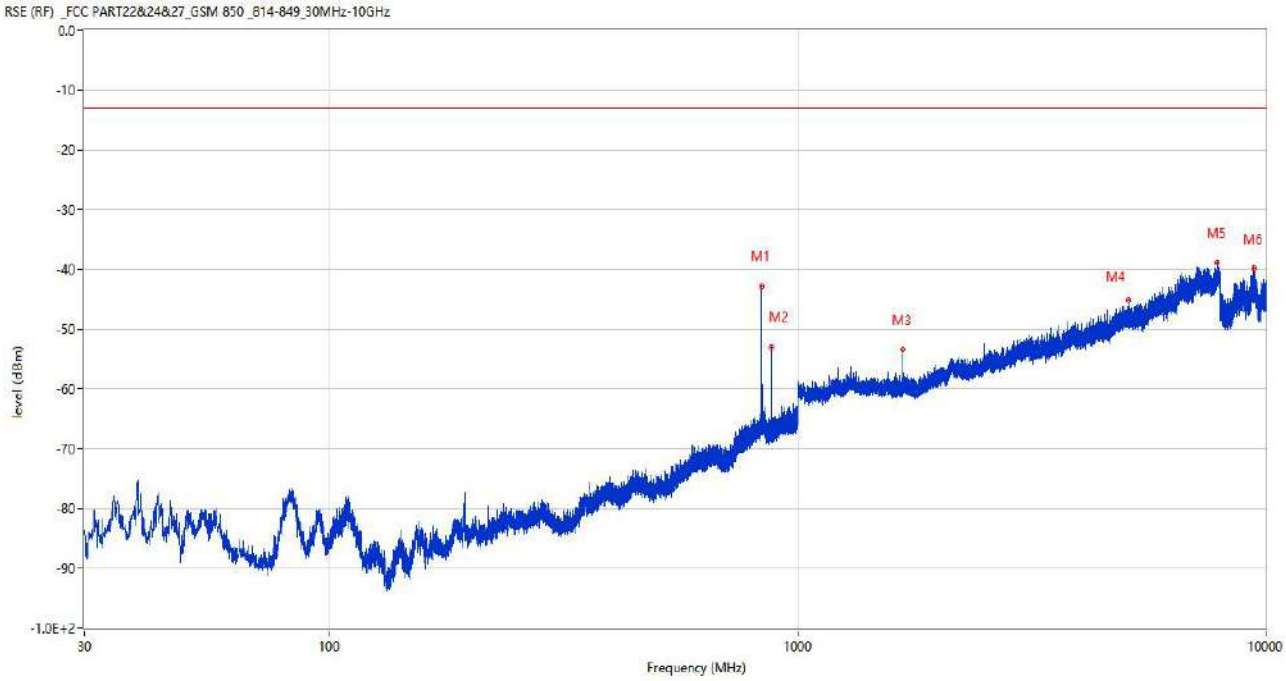
Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
836.555	-47.19	4.74	-13.0	34.19	32.00	Horizontal	Horizontal	N/A
881.563	-55.33	3.51	-13.0	42.33	341.00	Horizontal	Horizontal	N/A
2179.300	-54.17	-2.19	-13.0	41.17	318.00	Horizontal	Horizontal	Pass
3337.500	-49.60	4.17	-13.0	36.60	15.00	Horizontal	Horizontal	Pass
7503.250	-39.35	13.62	-13.0	26.35	182.00	Horizontal	Horizontal	Pass
9350.400	-40.53	13.91	-13.0	27.53	321.00	Horizontal	Horizontal	Pass

Band:GSM850 Channel:MID range



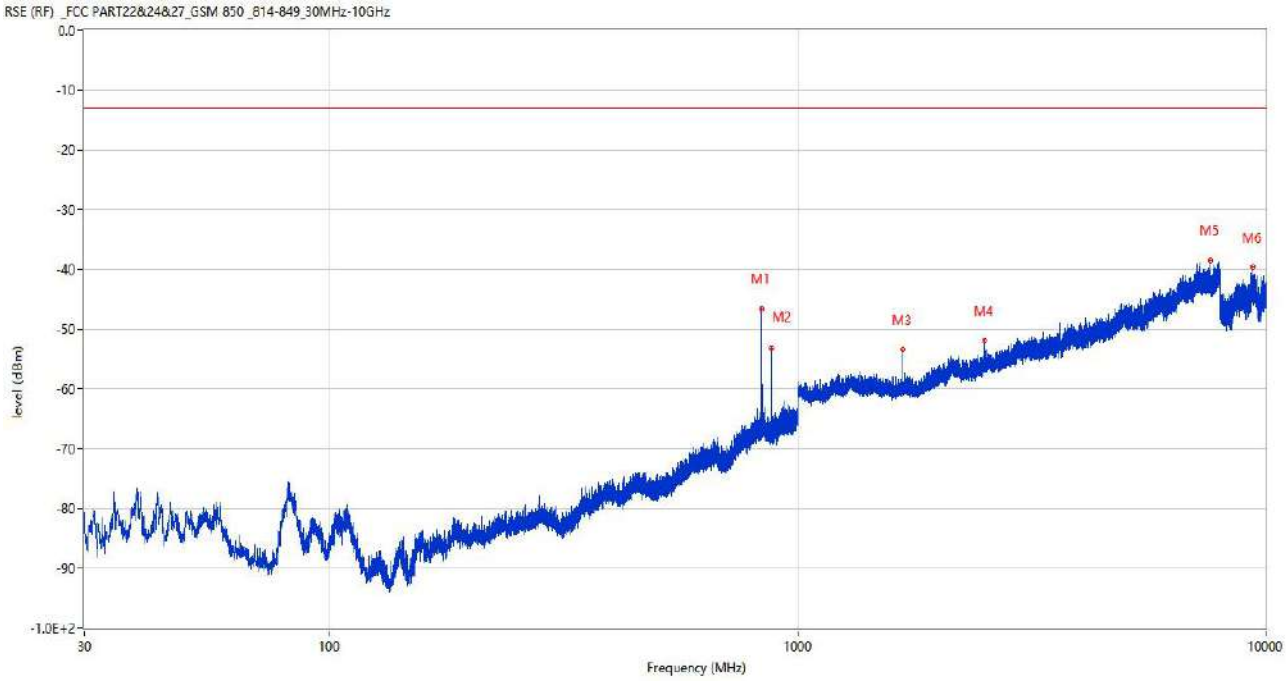
Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
836.555	-46.38	4.74	-13.0	33.38	175.00	Horizontal	Vertical	N/A
881.514	-52.48	3.51	-13.0	39.48	338.00	Horizontal	Vertical	N/A
1674.400	-55.58	-5.66	-13.0	42.58	304.00	Horizontal	Vertical	Pass
3056.500	-50.27	3.26	-13.0	37.27	358.00	Horizontal	Vertical	Pass
7212.000	-39.27	13.85	-13.0	26.27	162.00	Horizontal	Vertical	Pass
9441.500	-39.35	13.71	-13.0	26.35	179.00	Horizontal	Vertical	Pass

Band:GSM850 Channel:MID range



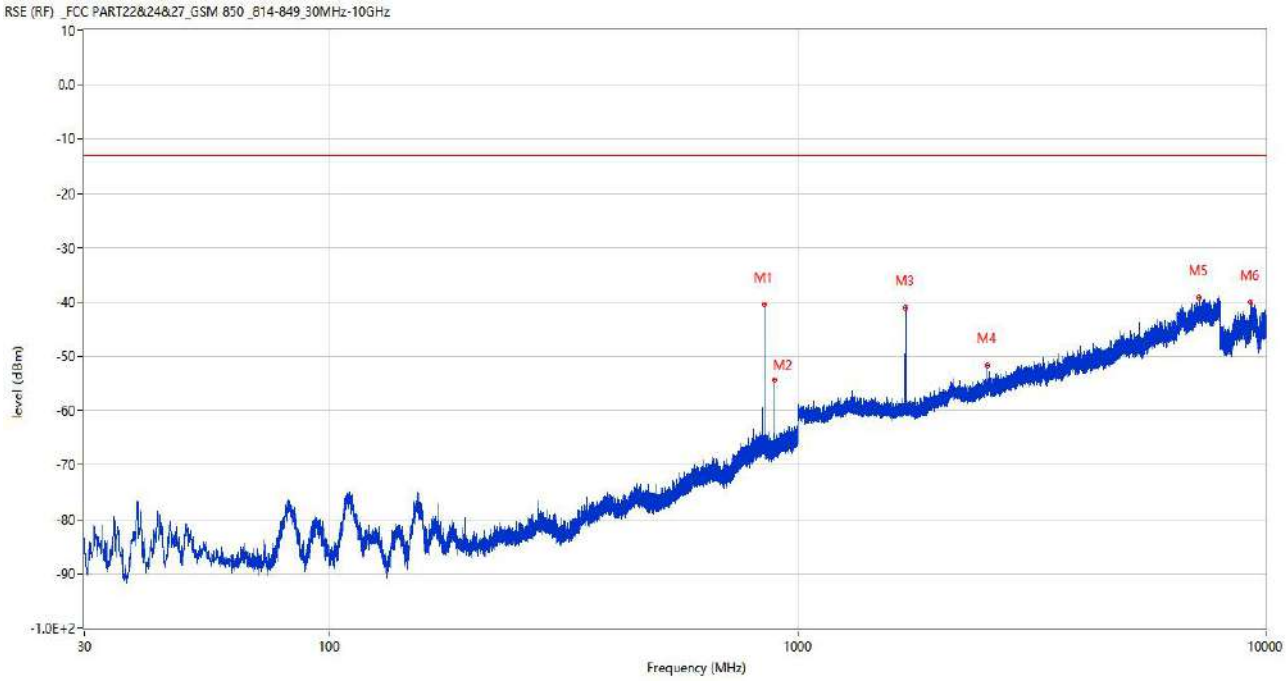
Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
836.604	-42.83	4.74	-13.0	29.83	209.00	Vertical	Vertical	N/A
881.563	-52.96	3.51	-13.0	39.96	196.00	Vertical	Vertical	N/A
1674.100	-53.45	-5.64	-13.0	40.45	181.00	Vertical	Vertical	Pass
5096.750	-45.10	9.41	-13.0	32.10	83.00	Vertical	Vertical	Pass
7874.500	-38.89	14.68	-13.0	25.89	338.00	Vertical	Vertical	Pass
9431.099	-39.90	13.63	-13.0	26.90	224.00	Vertical	Vertical	Pass

Band:GSM850 Channel:MID range



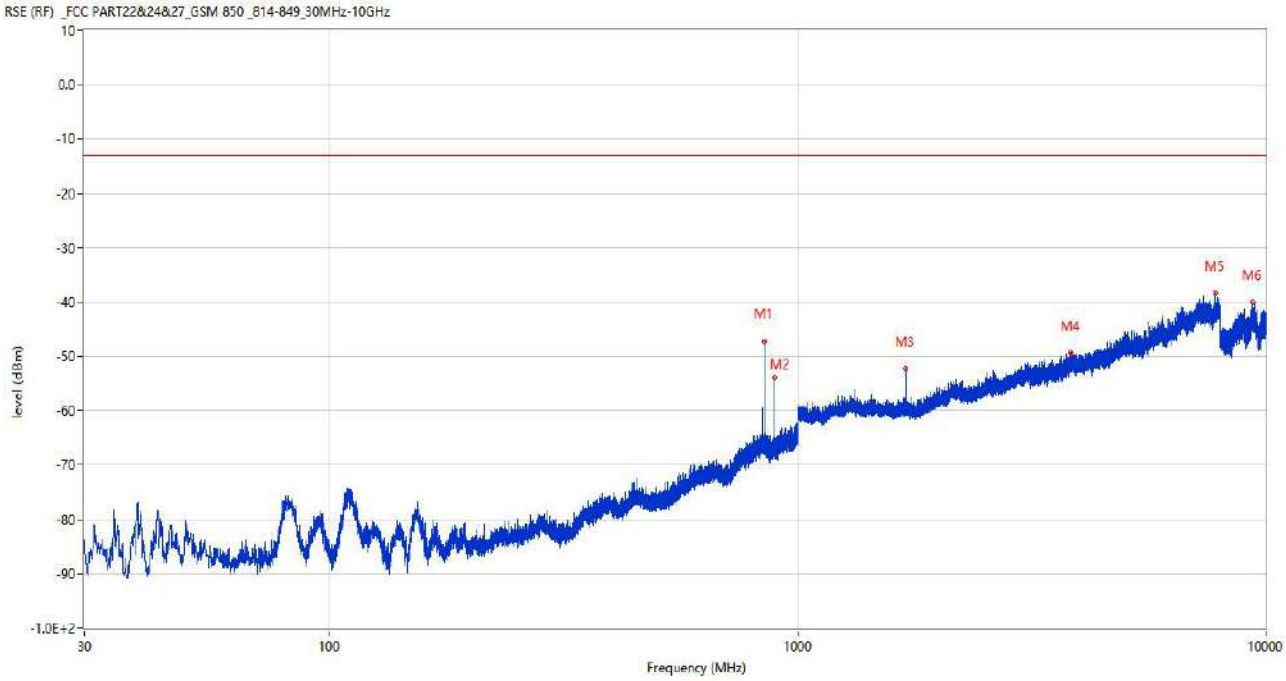
Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
836.604	-46.58	4.74	-13.0	33.58	167.00	Vertical	Horizontal	N/A
881.660	-53.24	3.51	-13.0	40.24	194.00	Vertical	Horizontal	N/A
1673.700	-53.43	-5.61	-13.0	40.43	361.00	Vertical	Horizontal	Pass
2510.600	-51.90	-0.68	-13.0	38.90	137.00	Vertical	Horizontal	Pass
7610.250	-38.42	13.61	-13.0	25.42	210.00	Vertical	Horizontal	Pass
9393.700	-39.65	13.44	-13.0	26.65	87.00	Vertical	Horizontal	Pass

Band:GSM850 Channel:HIGH range



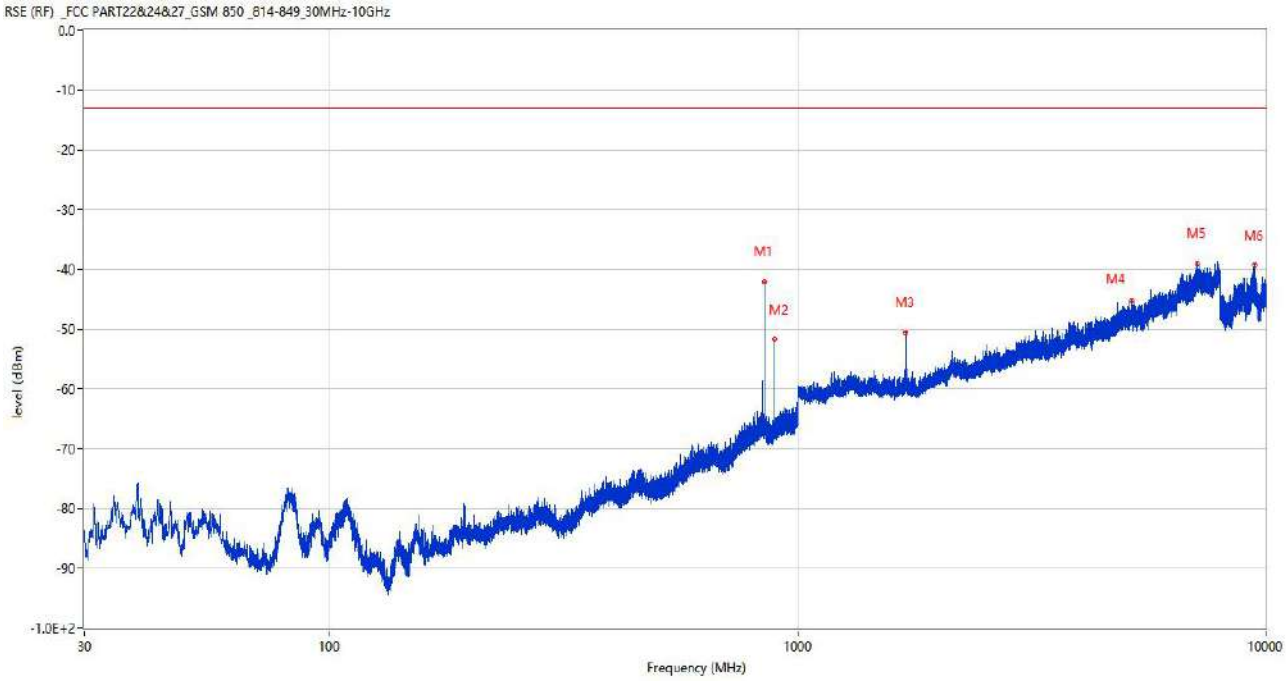
Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
848.825	-40.47	4.54	-13.0	27.47	146.00	Horizontal	Horizontal	N/A
893.785	-54.39	4.01	-13.0	41.39	172.00	Horizontal	Horizontal	N/A
1698.500	-41.03	-4.93	-13.0	28.03	37.00	Horizontal	Horizontal	Pass
2547.000	-51.73	-0.34	-13.0	38.73	261.00	Horizontal	Horizontal	Pass
7204.000	-39.15	14.16	-13.0	26.15	98.00	Horizontal	Horizontal	Pass
9297.599	-40.08	14.36	-13.0	27.08	128.00	Horizontal	Horizontal	Pass

Band:GSM850 Channel:HIGH range



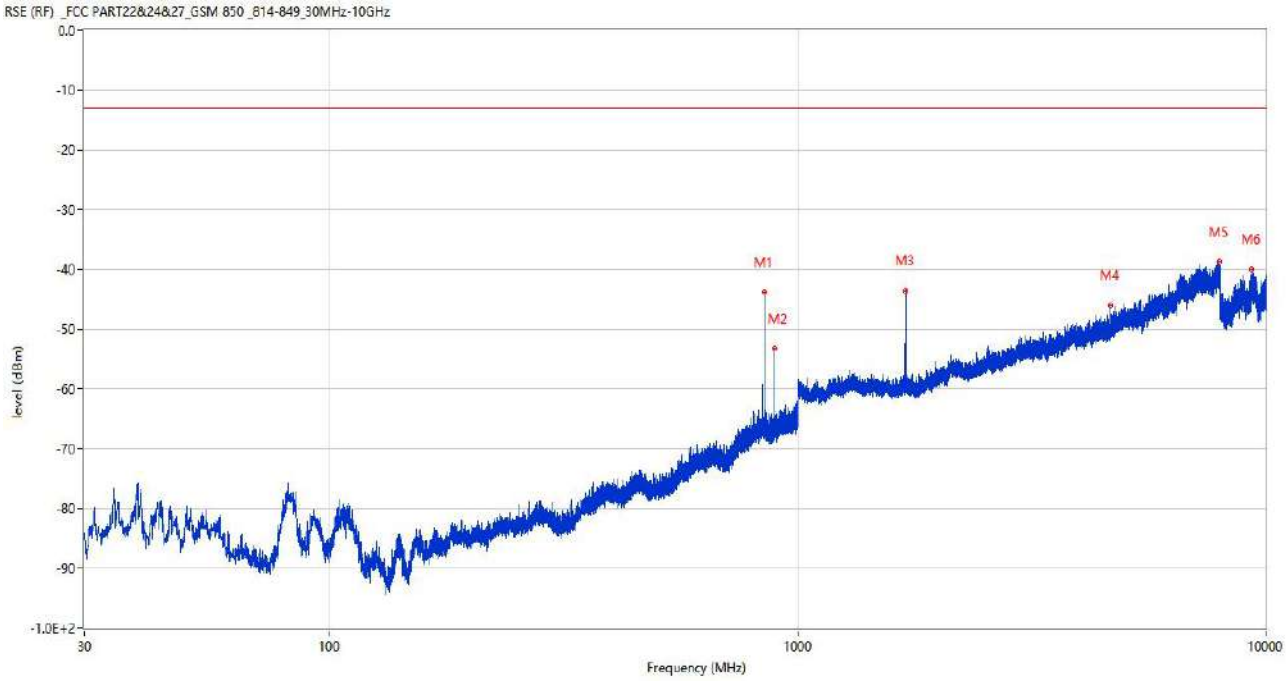
Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
848.874	-47.19	4.53	-13.0	34.19	150.00	Horizontal	Vertical	N/A
893.785	-53.92	4.01	-13.0	40.92	164.00	Horizontal	Vertical	N/A
1698.600	-52.22	-4.92	-13.0	39.22	98.00	Horizontal	Vertical	Pass
3839.000	-49.42	6.53	-13.0	36.42	235.00	Horizontal	Vertical	Pass
7809.750	-38.37	15.17	-13.0	25.37	176.00	Horizontal	Vertical	Pass
9356.100	-40.08	13.84	-13.0	27.08	223.00	Horizontal	Vertical	Pass

Band:GSM850 Channel:HIGH range



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
848.874	-41.98	4.53	-13.0	28.98	192.00	Vertical	Vertical	N/A
893.833	-51.70	4.01	-13.0	38.70	192.00	Vertical	Vertical	N/A
1698.400	-50.47	-4.93	-13.0	37.47	184.00	Vertical	Vertical	Pass
5159.250	-45.26	9.13	-13.0	32.26	360.00	Vertical	Vertical	Pass
7132.250	-39.00	13.71	-13.0	26.00	140.00	Vertical	Vertical	Pass
9447.999	-39.33	13.76	-13.0	26.33	177.00	Vertical	Vertical	Pass

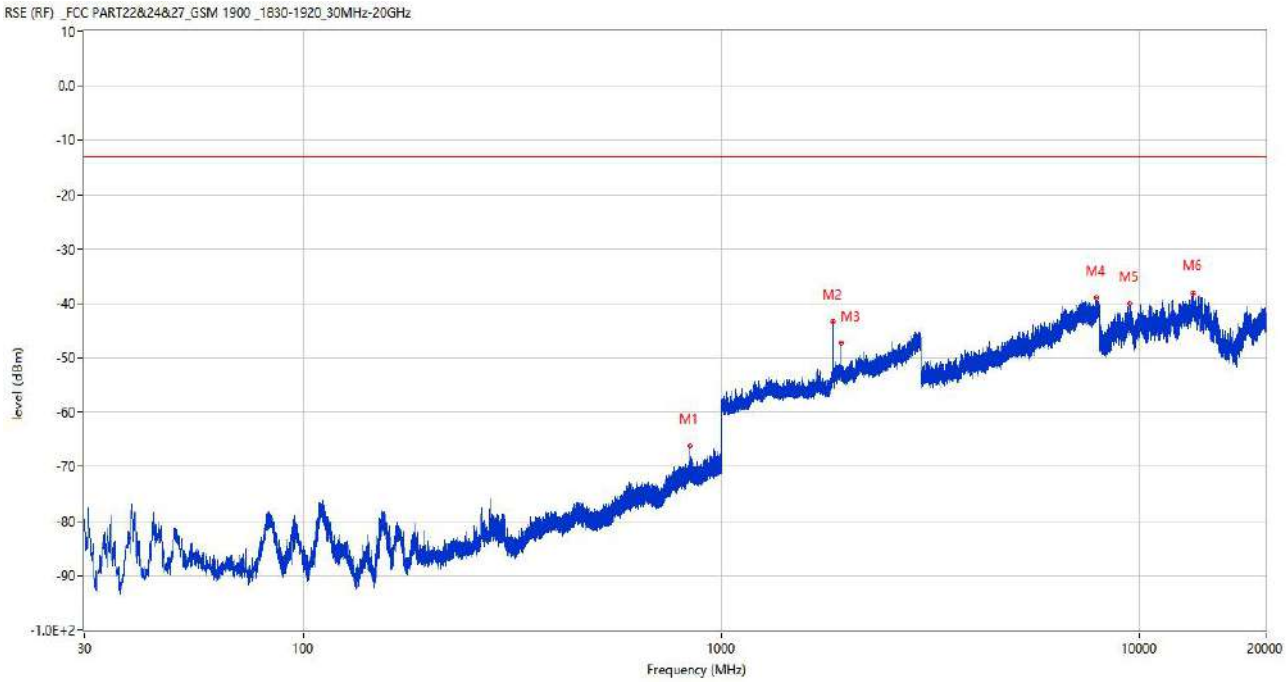
Band:GSM850 Channel:HIGH range



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
848.874	-43.79	4.53	-13.0	30.79	172.00	Vertical	Horizontal	N/A
893.785	-53.17	4.01	-13.0	40.17	199.00	Vertical	Horizontal	N/A
1698.300	-43.58	-4.94	-13.0	30.58	52.00	Vertical	Horizontal	Pass
4664.250	-46.13	7.55	-13.0	33.13	99.00	Vertical	Horizontal	Pass
7973.000	-38.74	15.14	-13.0	25.74	311.00	Vertical	Horizontal	Pass
9341.400	-39.95	14.00	-13.0	26.95	291.00	Vertical	Horizontal	Pass

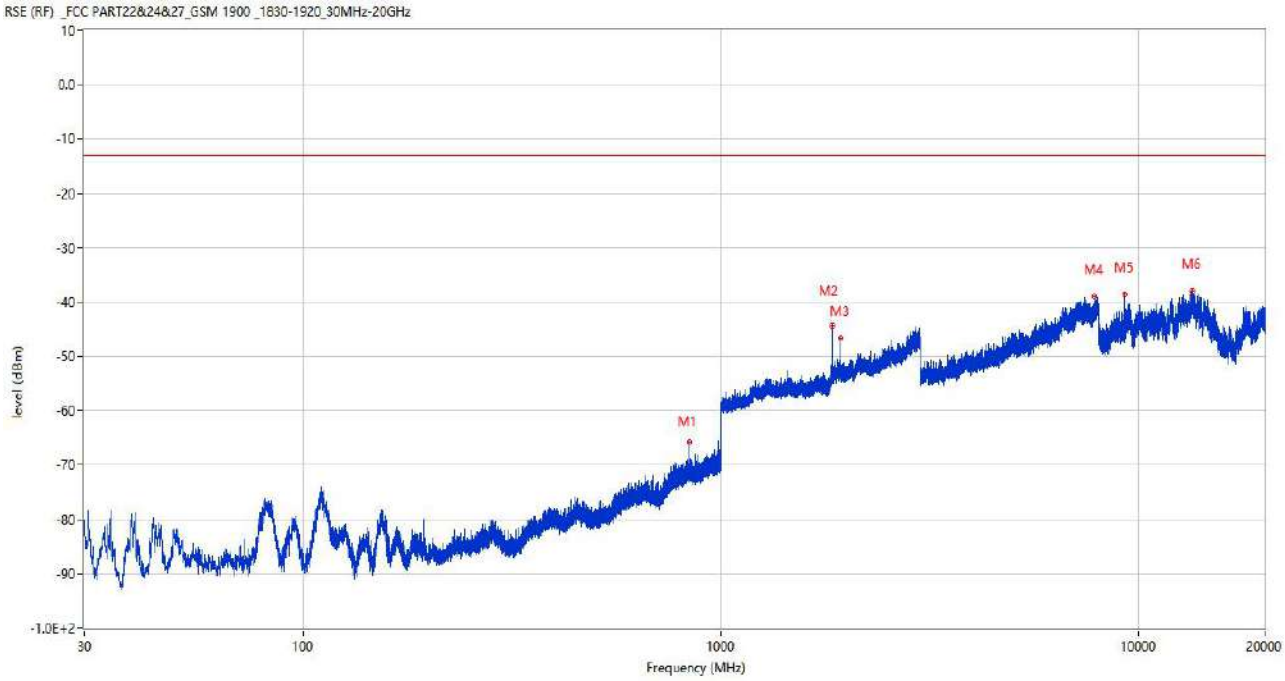
1.2 GSM 1900

Band:GSM1900 Channel:low range



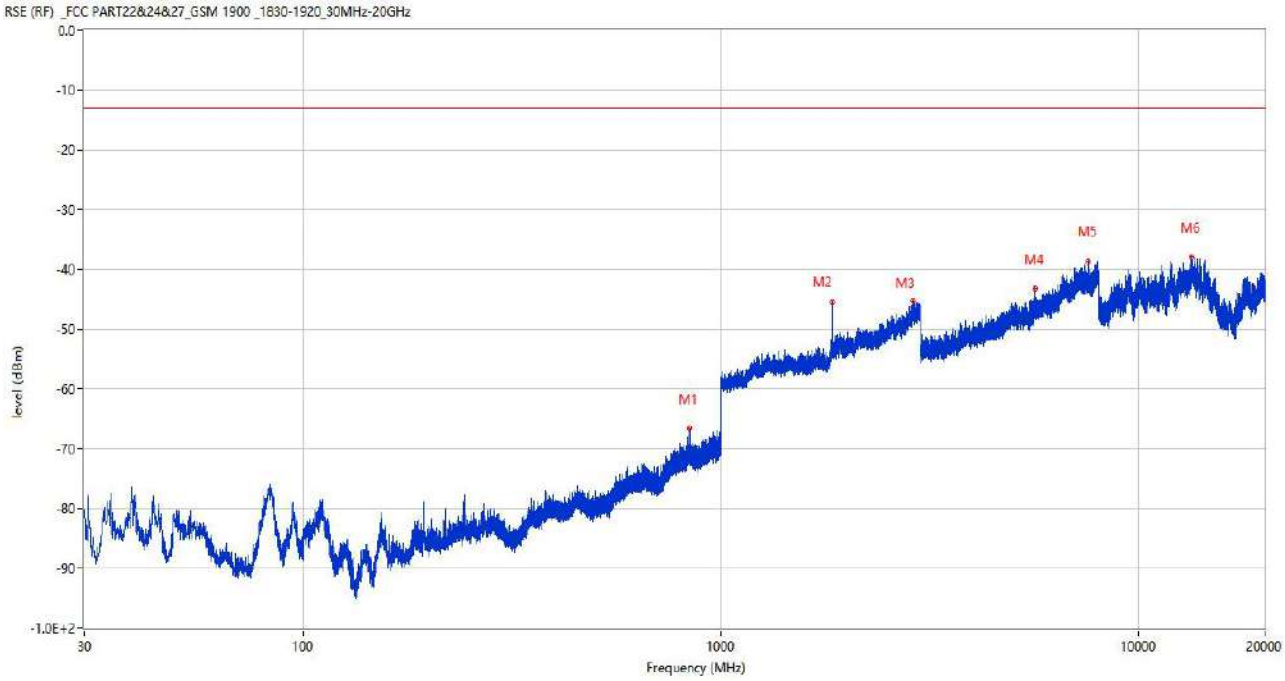
Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
839.998	-66.07	-0.14	-13.0	53.07	104.00	Horizontal	Horizontal	Pass
1850.900	-43.40	1.17	-13.0	30.40	189.00	Horizontal	Horizontal	N/A
1930.900	-47.37	2.03	-13.0	34.37	258.00	Horizontal	Horizontal	N/A
7868.750	-38.96	14.36	-13.0	25.96	337.00	Horizontal	Horizontal	Pass
9445.900	-40.11	13.75	-13.0	27.11	222.00	Horizontal	Horizontal	Pass
13438.750	-38.05	16.39	-13.0	25.05	182.00	Horizontal	Horizontal	Pass

Band:GSM1900 Channel:low range



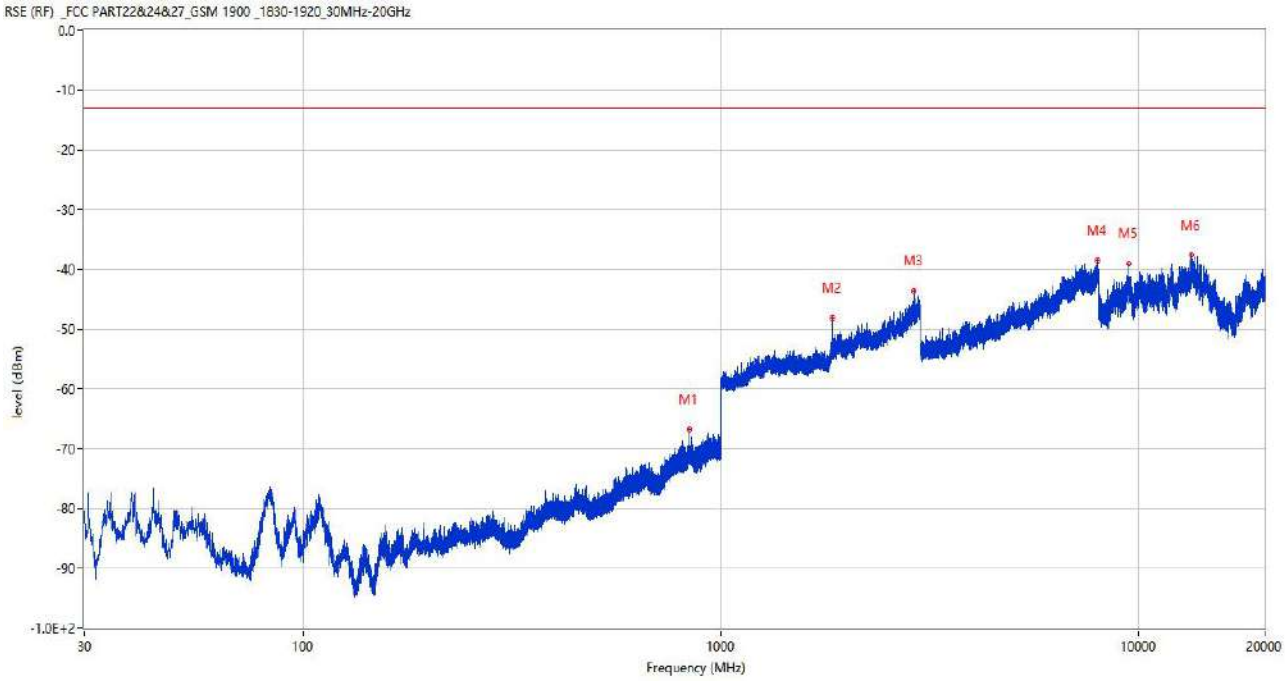
Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
839.998	-65.69	-0.14	-13.0	52.69	192.00	Horizontal	Vertical	Pass
1850.900	-44.41	1.17	-13.0	31.41	171.00	Horizontal	Vertical	N/A
1931.100	-46.76	2.03	-13.0	33.76	91.00	Horizontal	Vertical	N/A
7806.750	-39.07	14.95	-13.0	26.07	0.00	Horizontal	Vertical	Pass
9251.863	-38.54	13.08	-13.0	25.54	151.00	Horizontal	Vertical	Pass
13411.925	-37.94	16.59	-13.0	24.94	2.00	Horizontal	Vertical	Pass

Band:GSM1900 Channel:low range



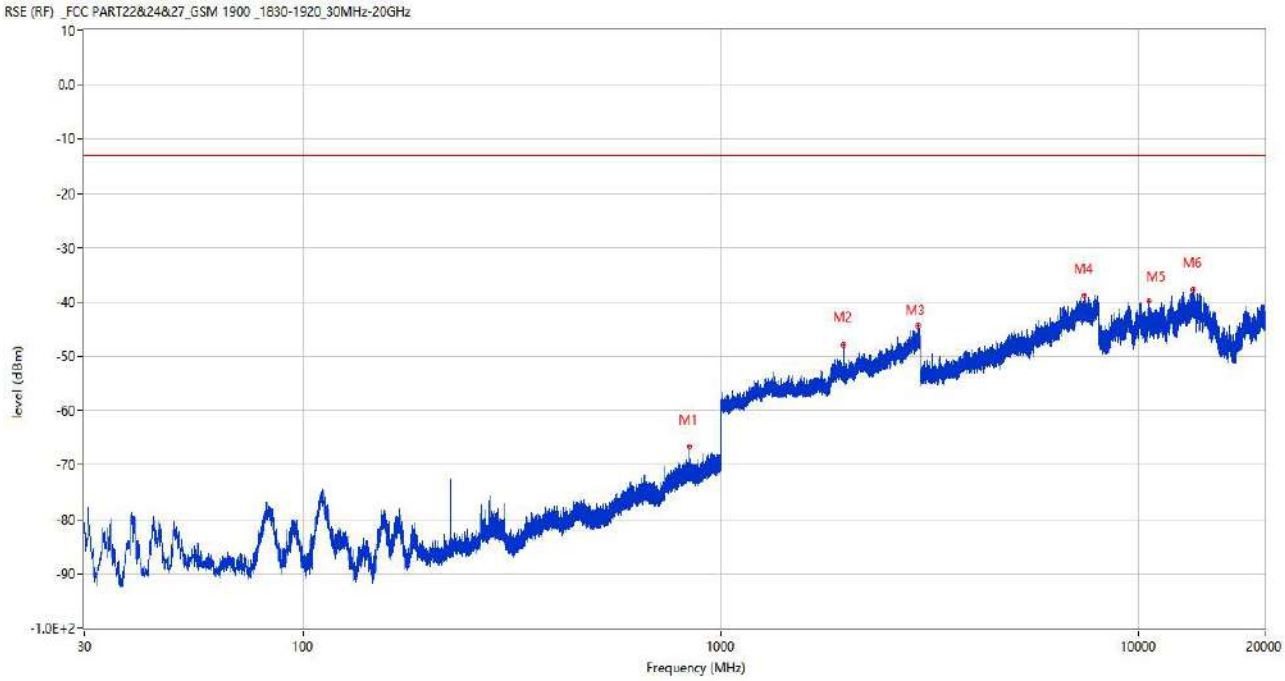
Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
839.998	-66.66	-0.14	-13.0	53.66	191.00	Vertical	Vertical	Pass
1850.900	-45.47	1.17	-13.0	32.47	207.00	Vertical	Vertical	N/A
2884.400	-45.28	9.27	-13.0	32.28	347.00	Vertical	Vertical	Pass
5652.000	-43.22	9.37	-13.0	30.22	1.00	Vertical	Vertical	Pass
7581.500	-38.59	14.32	-13.0	25.59	124.00	Vertical	Vertical	Pass
13347.763	-38.01	16.69	-13.0	25.01	222.00	Vertical	Vertical	Pass

Band:GSM1900 Channel:low range



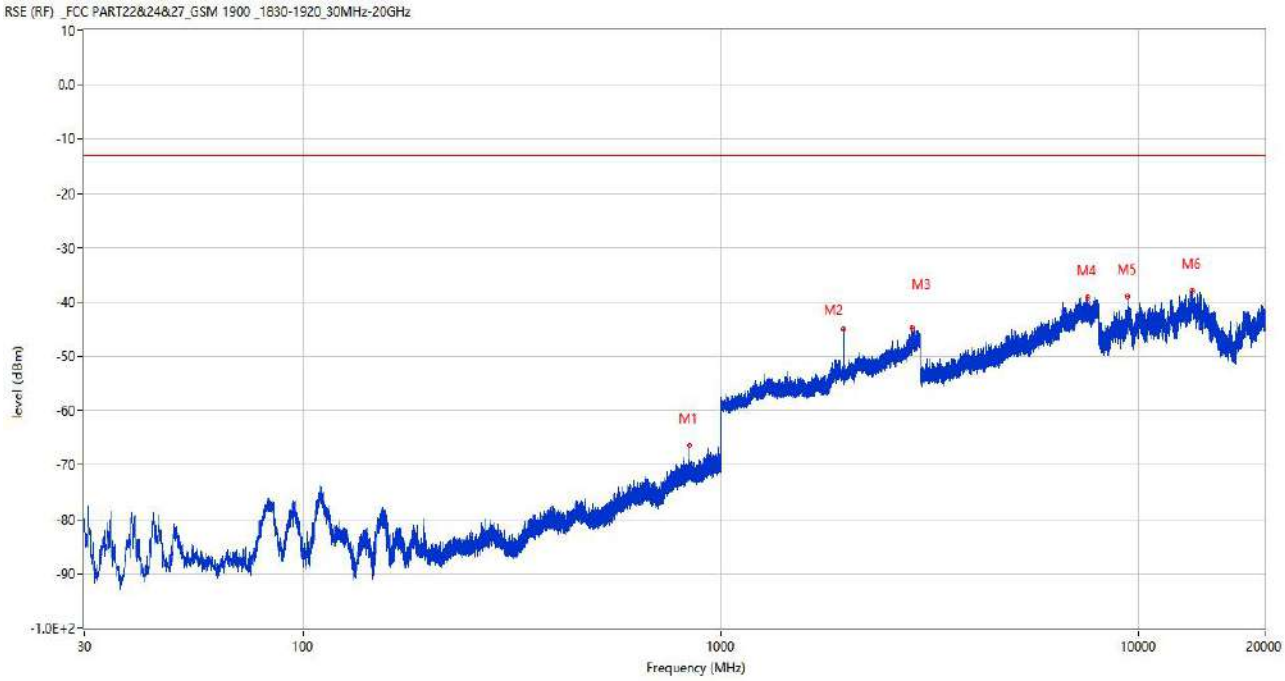
Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
840.047	-66.72	-0.13	-13.0	53.72	197.00	Vertical	Horizontal	Pass
1851.000	-48.04	1.17	-13.0	35.04	42.00	Vertical	Horizontal	N/A
2888.500	-43.52	10.03	-13.0	30.52	360.00	Vertical	Horizontal	Pass
7960.500	-38.45	15.03	-13.0	25.45	221.00	Vertical	Horizontal	Pass
9468.701	-39.02	13.38	-13.0	26.02	17.00	Vertical	Horizontal	Pass
13351.750	-37.61	16.77	-13.0	24.61	56.00	Vertical	Horizontal	Pass

Band:GSM1900 Channel:MID range



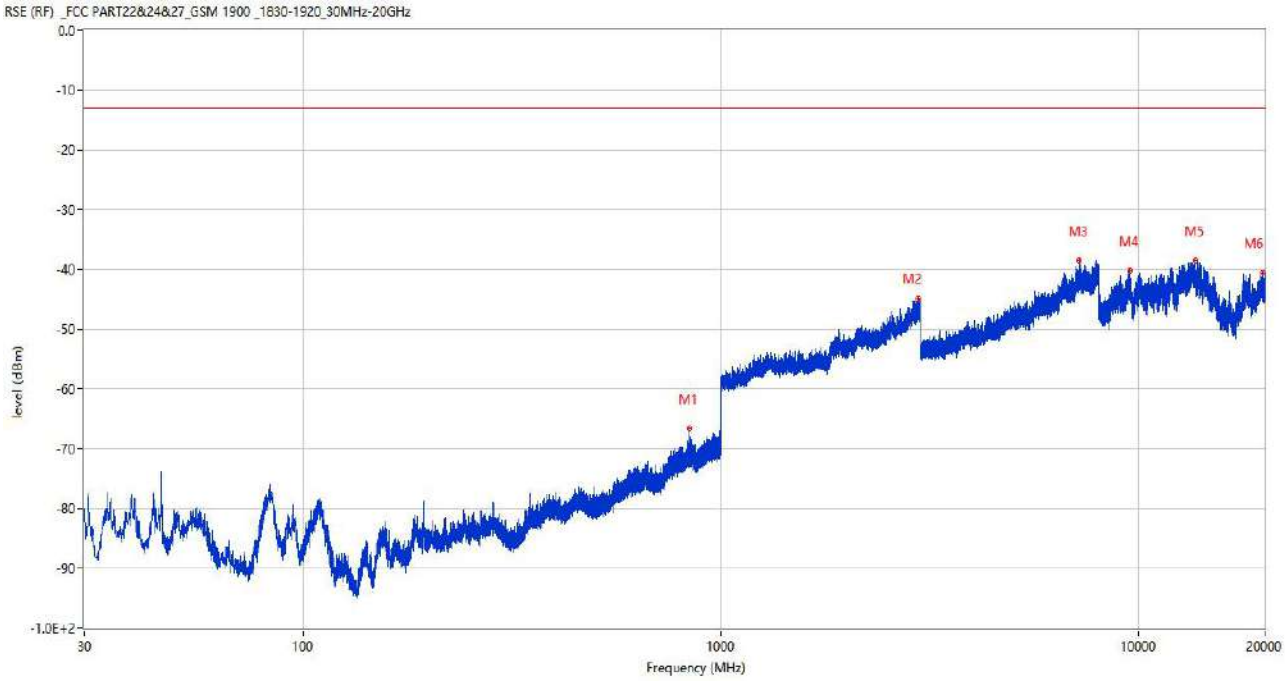
Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
839.998	-66.60	-0.14	-13.0	53.60	48.00	Horizontal	Horizontal	Pass
1960.700	-47.81	1.23	-13.0	34.81	250.00	Horizontal	Horizontal	N/A
2958.000	-44.40	9.39	-13.0	31.40	12.00	Horizontal	Horizontal	Pass
7402.500	-38.77	14.09	-13.0	25.77	1.00	Horizontal	Horizontal	Pass
10571.650	-39.88	12.76	-13.0	26.88	151.00	Horizontal	Horizontal	Pass
13515.600	-37.79	15.92	-13.0	24.79	0.00	Horizontal	Horizontal	Pass

Band:GSM1900 Channel:MID range



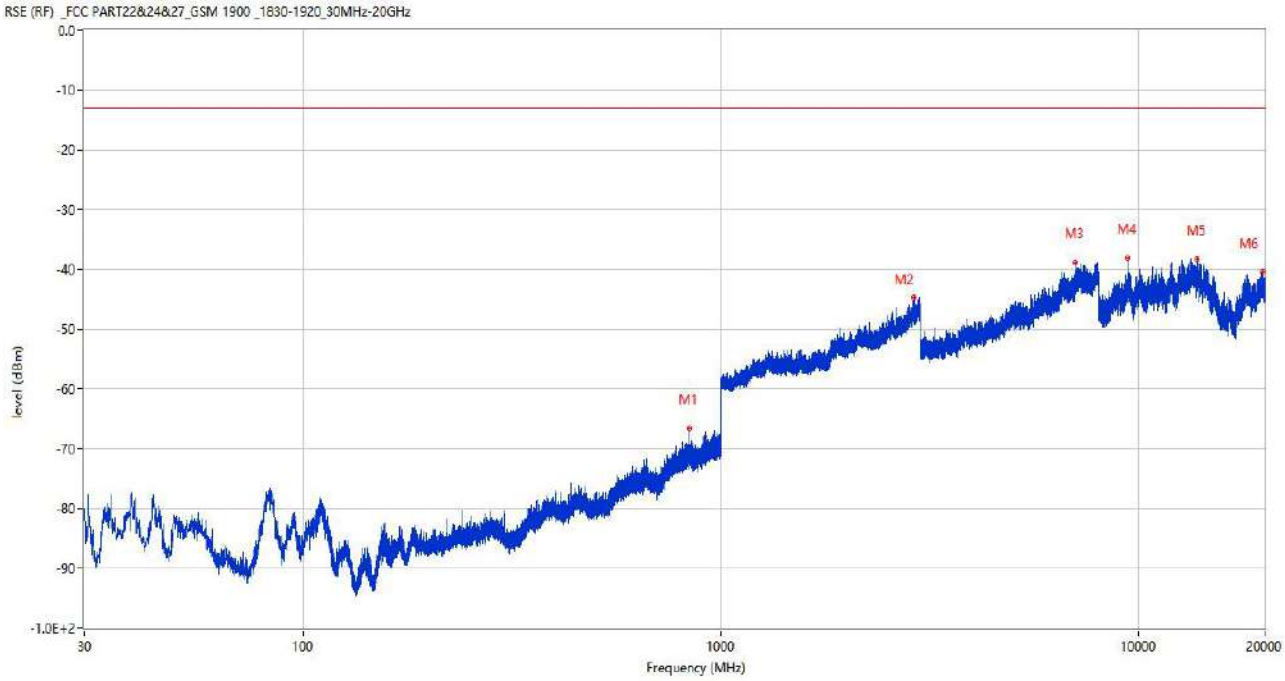
Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
839.998	-66.31	-0.14	-13.0	53.31	203.00	Horizontal	Vertical	Pass
1961.100	-45.08	1.25	-13.0	32.08	251.00	Horizontal	Vertical	N/A
2868.500	-44.89	8.28	-13.0	31.89	24.00	Horizontal	Vertical	Pass
7531.500	-39.21	13.19	-13.0	26.21	253.00	Horizontal	Vertical	Pass
9400.300	-38.91	13.37	-13.0	25.91	243.00	Horizontal	Vertical	Pass
13375.674	-37.89	16.72	-13.0	24.89	349.00	Horizontal	Vertical	Pass

Band:GSM1900 Channel:MID range



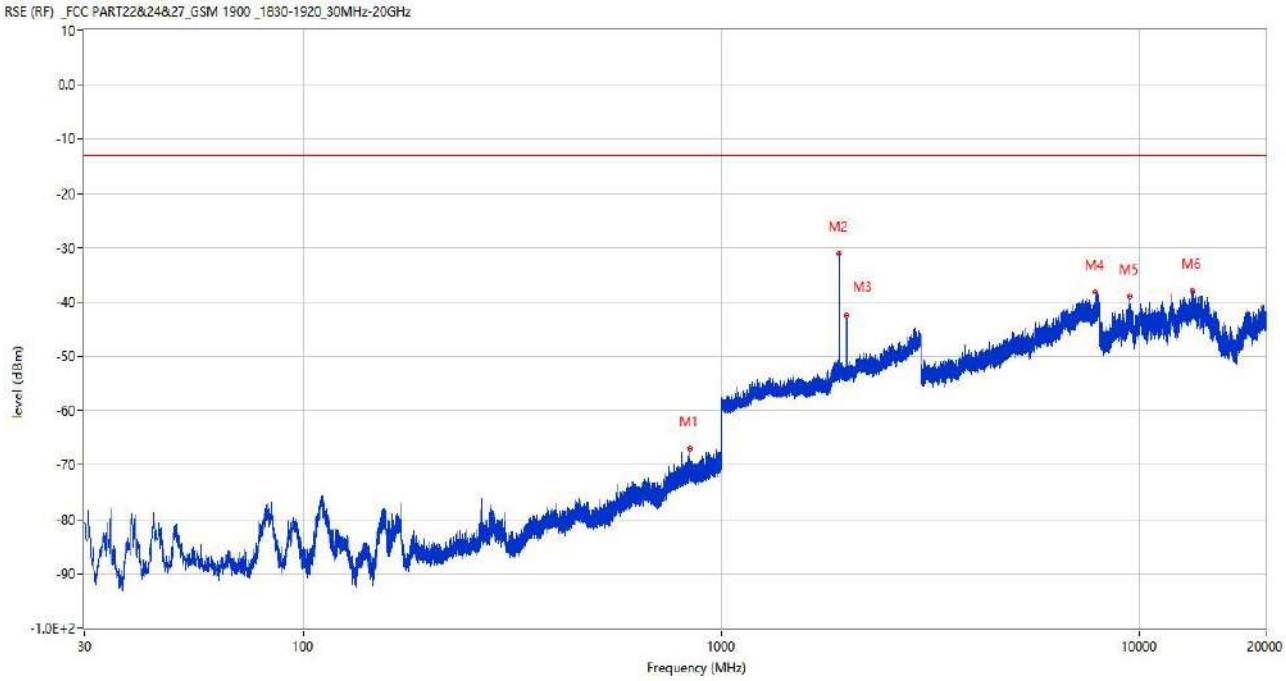
Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
839.998	-66.63	-0.14	-13.0	53.63	125.00	Vertical	Vertical	Pass
2966.200	-44.82	10.23	-13.0	31.82	360.00	Vertical	Vertical	Pass
7197.000	-38.51	14.25	-13.0	25.51	257.00	Vertical	Vertical	Pass
9499.338	-40.21	12.73	-13.0	27.21	245.00	Vertical	Vertical	Pass
13634.138	-38.54	16.33	-13.0	25.54	184.00	Vertical	Vertical	Pass
19759.301	-40.48	12.67	-13.0	27.48	10.00	Vertical	Vertical	Pass

Band:GSM1900 Channel:MID range



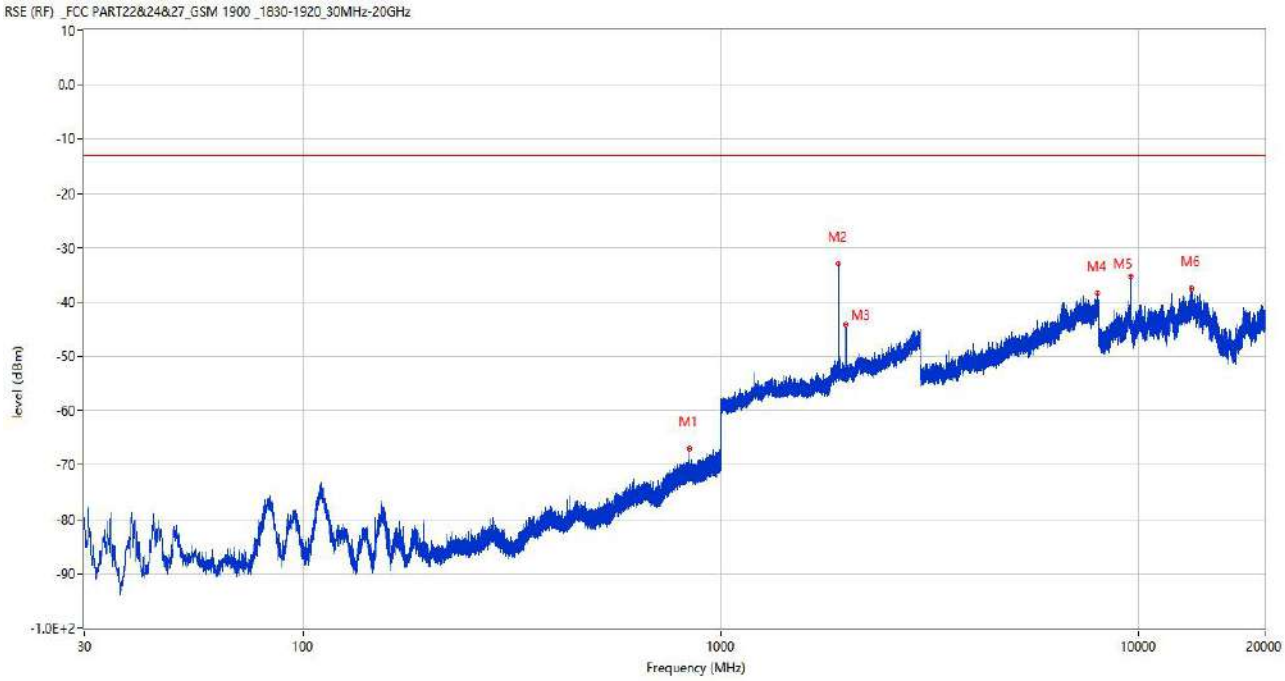
Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
839.950	-66.69	-0.14	-13.0	53.69	25.00	Vertical	Horizontal	Pass
2888.800	-44.74	10.08	-13.0	31.74	285.00	Vertical	Horizontal	Pass
7045.250	-38.90	13.24	-13.0	25.90	236.00	Vertical	Horizontal	Pass
9401.012	-38.13	13.38	-13.0	25.13	262.00	Vertical	Horizontal	Pass
13806.325	-38.33	16.95	-13.0	25.33	350.00	Vertical	Horizontal	Pass
19778.150	-40.35	12.67	-13.0	27.35	31.00	Vertical	Horizontal	Pass

Band:GSM1900 Channel:High range



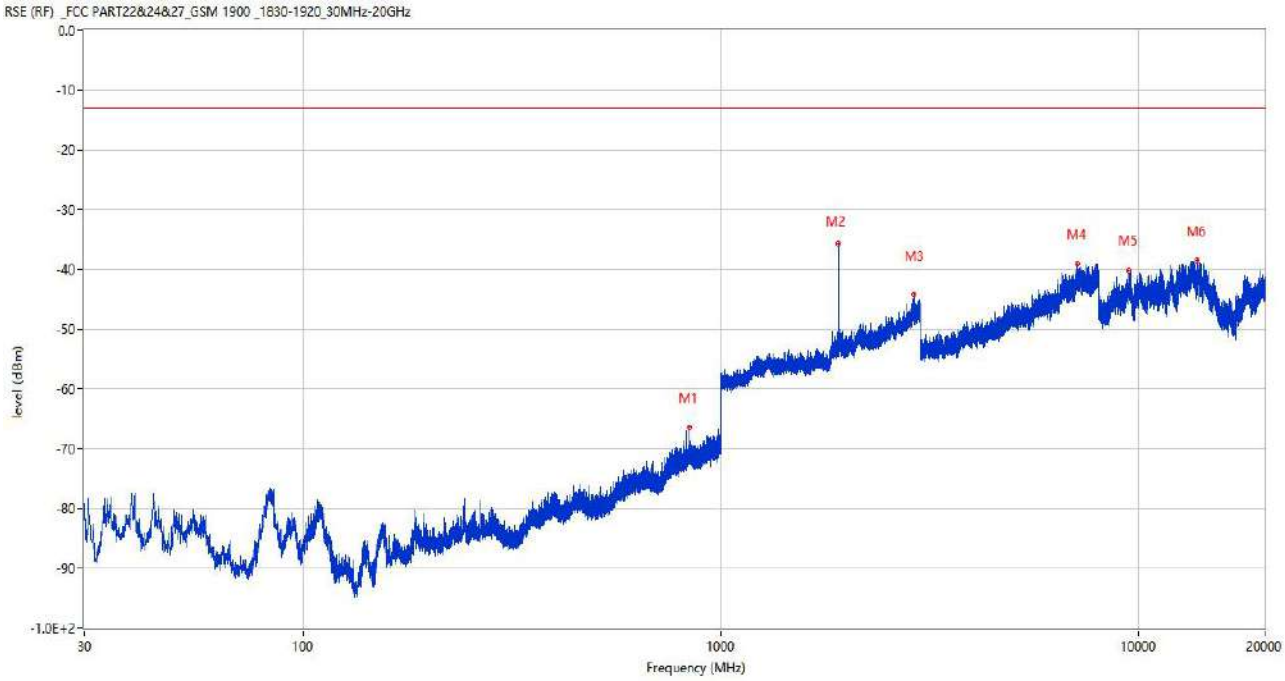
Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
839.950	-66.95	-0.14	-13.0	53.95	54.00	Horizontal	Horizontal	Pass
1910.700	-31.14	1.96	-13.0	18.14	187.00	Horizontal	Horizontal	N/A
1990.400	-42.49	0.93	-13.0	29.49	198.00	Horizontal	Horizontal	N/A
7814.250	-38.20	15.28	-13.0	25.20	244.00	Horizontal	Horizontal	Pass
9446.612	-39.05	13.75	-13.0	26.05	337.00	Horizontal	Horizontal	Pass
13336.526	-37.93	16.31	-13.0	24.93	360.00	Horizontal	Horizontal	Pass

Band:GSM1900 Channel:High range



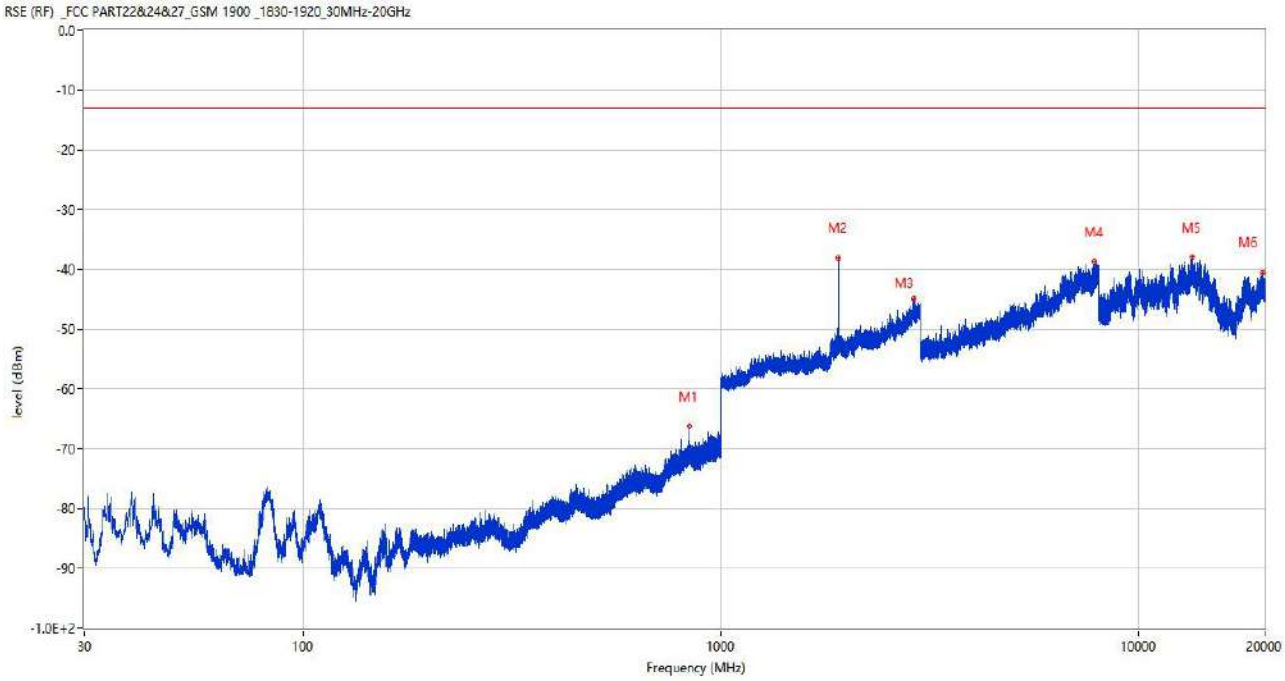
Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
839.998	-67.03	-0.14	-13.0	54.03	70.00	Horizontal	Vertical	Pass
1910.600	-32.96	1.96	-13.0	19.96	163.00	Horizontal	Vertical	N/A
1990.600	-44.10	0.91	-13.0	31.10	251.00	Horizontal	Vertical	N/A
7956.250	-38.31	15.11	-13.0	25.31	1.00	Horizontal	Vertical	Pass
9549.924	-35.24	13.32	-13.0	22.24	155.00	Horizontal	Vertical	Pass
13330.725	-37.54	16.12	-13.0	24.54	236.00	Horizontal	Vertical	Pass

Band:GSM1900 Channel:High range



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
839.998	-66.46	-0.14	-13.0	53.46	343.00	Vertical	Vertical	Pass
1910.700	-35.70	1.96	-13.0	22.70	23.00	Vertical	Vertical	N/A
2890.000	-44.10	10.32	-13.0	31.10	360.00	Vertical	Vertical	Pass
7108.000	-39.14	13.59	-13.0	26.14	360.00	Vertical	Vertical	Pass
9435.688	-40.18	13.66	-13.0	27.18	360.00	Vertical	Vertical	Pass
13814.300	-38.52	16.85	-13.0	25.52	360.00	Vertical	Vertical	Pass

Band:GSM1900 Channel:High range

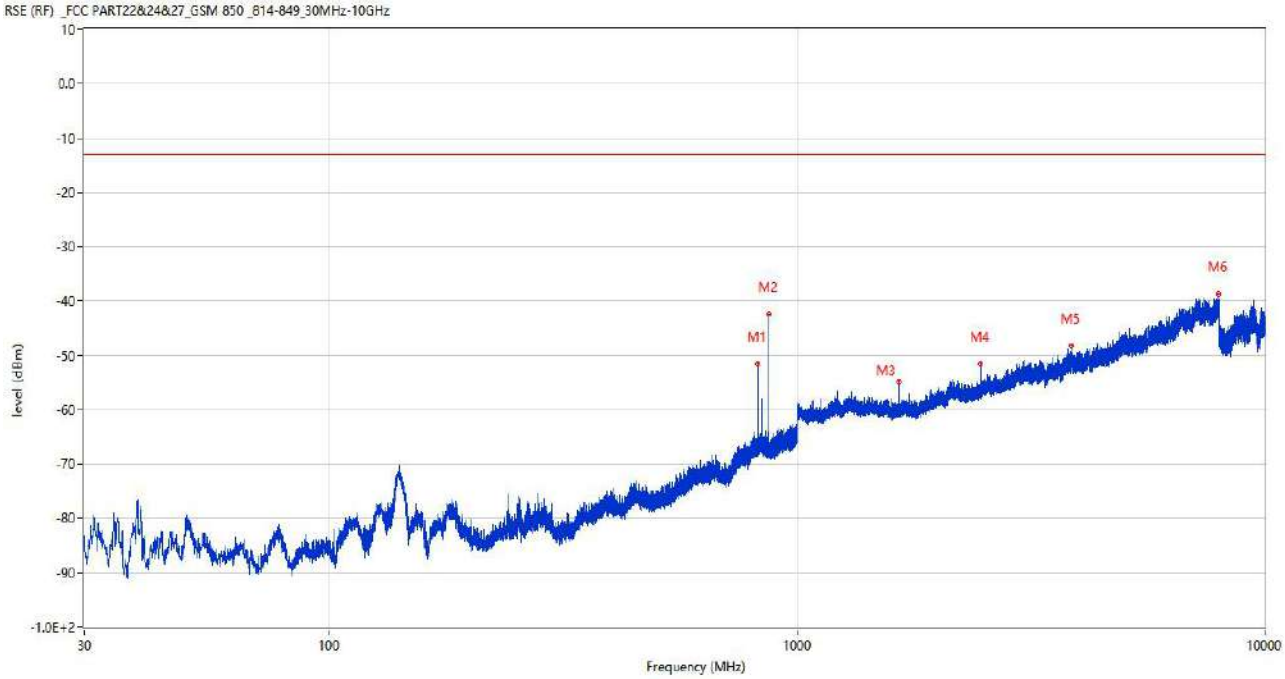


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
839.950	-66.26	-0.14	-13.0	53.26	249.00	Vertical	Horizontal	Pass
1910.600	-38.11	1.96	-13.0	25.11	74.00	Vertical	Horizontal	N/A
2892.000	-44.84	10.32	-13.0	31.84	263.00	Vertical	Horizontal	Pass
7813.500	-38.75	15.23	-13.0	25.75	6.00	Vertical	Horizontal	Pass
13404.313	-37.94	16.65	-13.0	24.94	272.00	Vertical	Horizontal	Pass
19768.726	-40.51	12.67	-13.0	27.51	0.00	Vertical	Horizontal	Pass

2. EGPRS

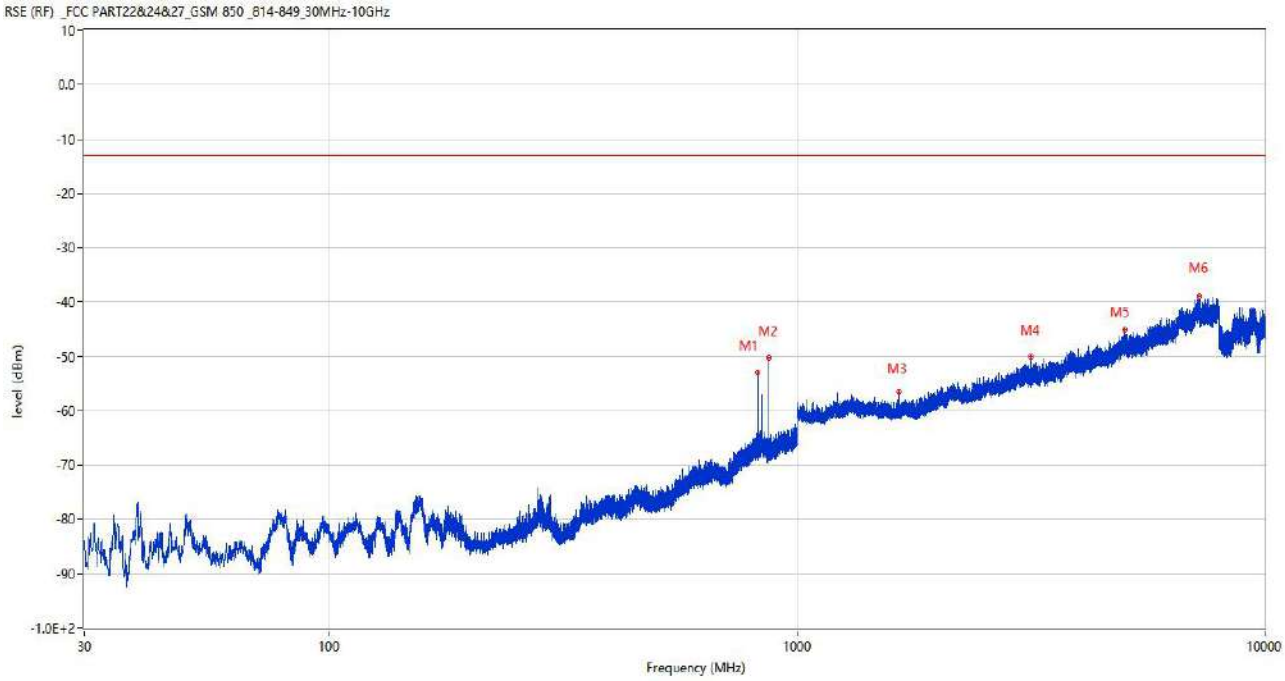
2.1 EGPRS 850

Band:GSM850 Channel:low range



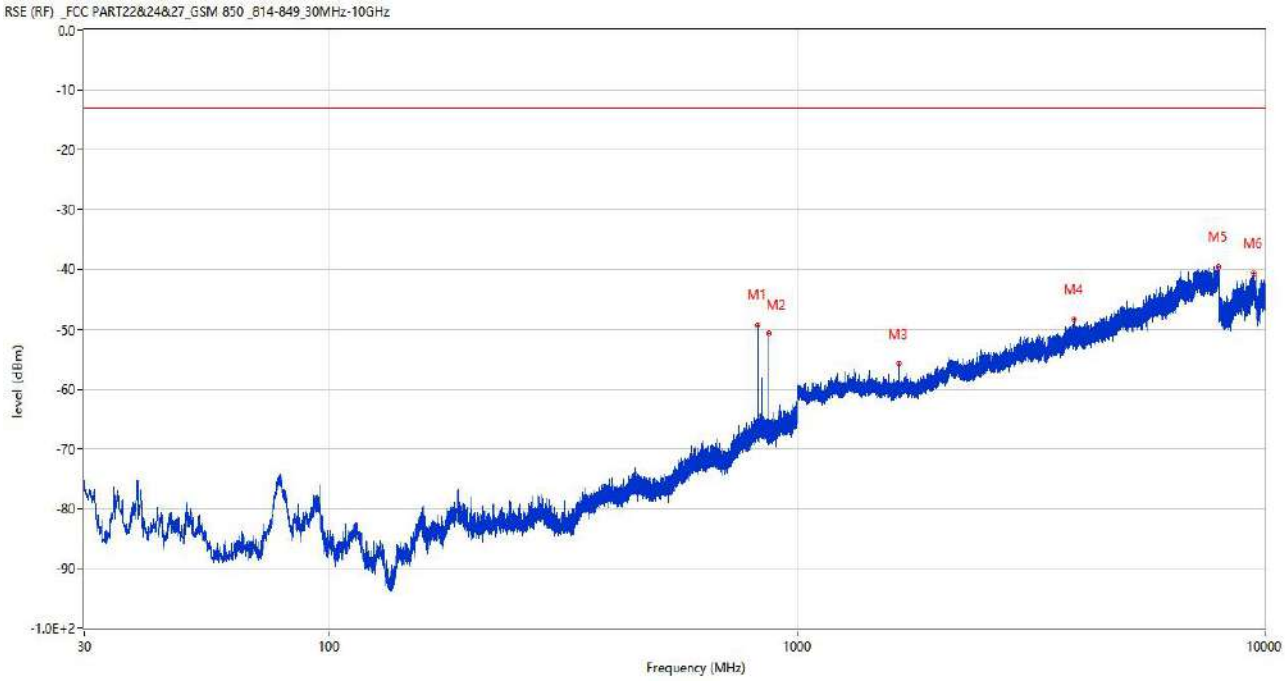
Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
824.236	-51.53	4.26	-13.0	38.53	59.00	Horizontal	Horizontal	N/A
869.244	-42.35	3.50	-13.0	29.35	339.00	Horizontal	Horizontal	N/A
1648.900	-54.74	-5.92	-13.0	41.74	1.00	Horizontal	Horizontal	Pass
2473.300	-51.49	-1.66	-13.0	38.49	184.00	Horizontal	Horizontal	Pass
3853.250	-48.26	7.32	-13.0	35.26	233.00	Horizontal	Horizontal	Pass
7971.750	-38.75	15.19	-13.0	25.75	138.00	Horizontal	Horizontal	Pass

Band:GSM850 Channel:low range



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
824.139	-53.03	4.26	-13.0	40.03	136.00	Horizontal	Vertical	N/A
869.196	-50.38	3.50	-13.0	37.38	334.00	Horizontal	Vertical	N/A
1649.000	-56.42	-5.92	-13.0	43.42	360.00	Horizontal	Vertical	Pass
3160.750	-50.08	3.69	-13.0	37.08	0.00	Horizontal	Vertical	Pass
5025.000	-45.19	9.10	-13.0	32.19	122.00	Horizontal	Vertical	Pass
7260.250	-38.79	14.73	-13.0	25.79	322.00	Horizontal	Vertical	Pass

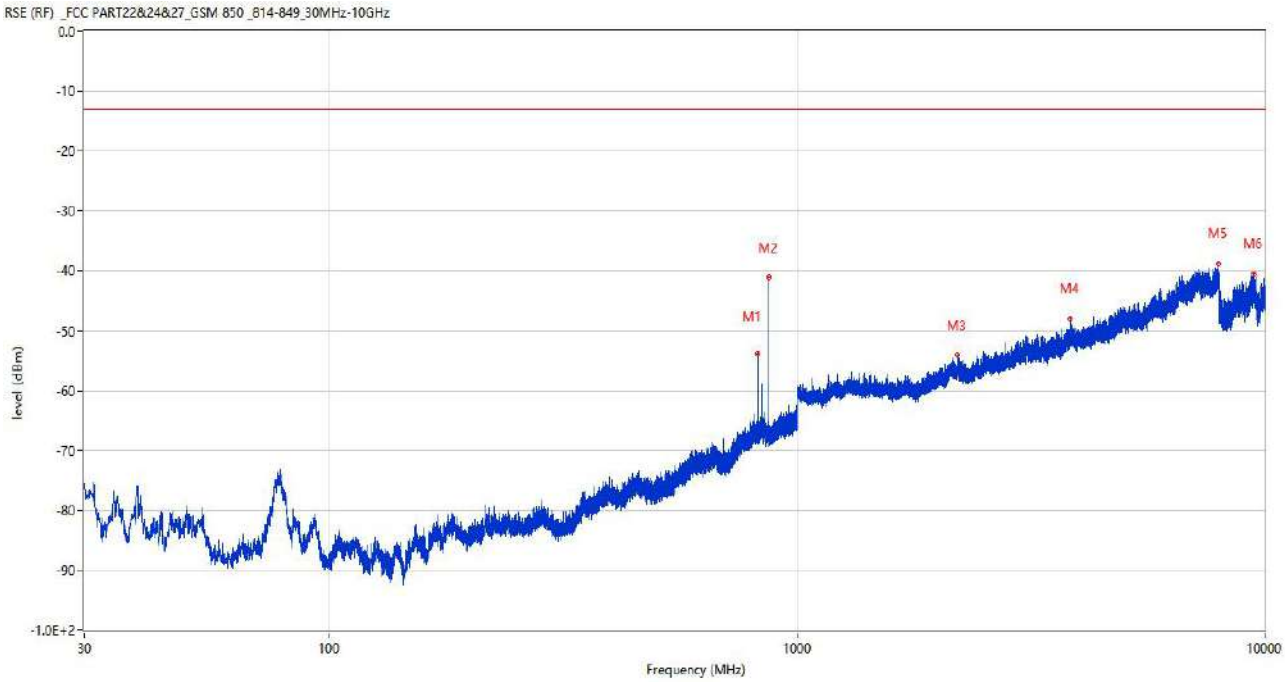
Band:GSM850 Channel:low range



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
824.284	-49.26	4.26	-13.0	36.26	115.00	Vertical	Vertical	N/A
869.244	-50.68	3.50	-13.0	37.68	182.00	Vertical	Vertical	N/A
1649.600	-55.83	-5.87	-13.0	42.83	242.00	Vertical	Vertical	Pass
3909.250	-48.38	7.12	-13.0	35.38	226.00	Vertical	Vertical	Pass
7950.500	-39.51	15.09	-13.0	26.51	23.00	Vertical	Vertical	Pass
9459.401	-40.64	13.58	-13.0	27.64	360.00	Vertical	Vertical	Pass

Band:GSM850 Channel:low

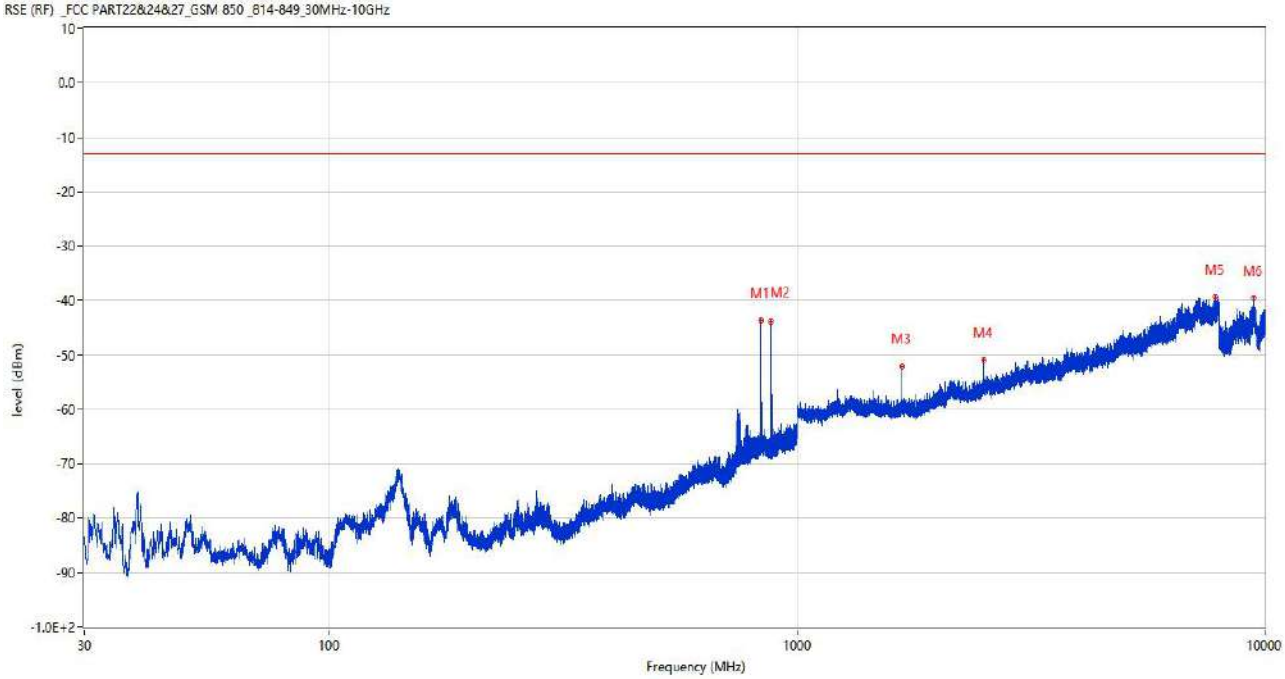
range



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
824.236	-53.92	4.26	-13.0	40.92	106.00	Vertical	Horizontal	N/A
869.196	-41.13	3.50	-13.0	28.13	174.00	Vertical	Horizontal	N/A
2207.600	-54.08	-2.30	-13.0	41.08	231.00	Vertical	Horizontal	Pass
3847.250	-48.01	6.92	-13.0	35.01	166.00	Vertical	Horizontal	Pass
7968.500	-38.72	15.21	-13.0	25.72	360.00	Vertical	Horizontal	Pass
9458.500	-40.45	13.60	-13.0	27.45	247.00	Vertical	Horizontal	Pass

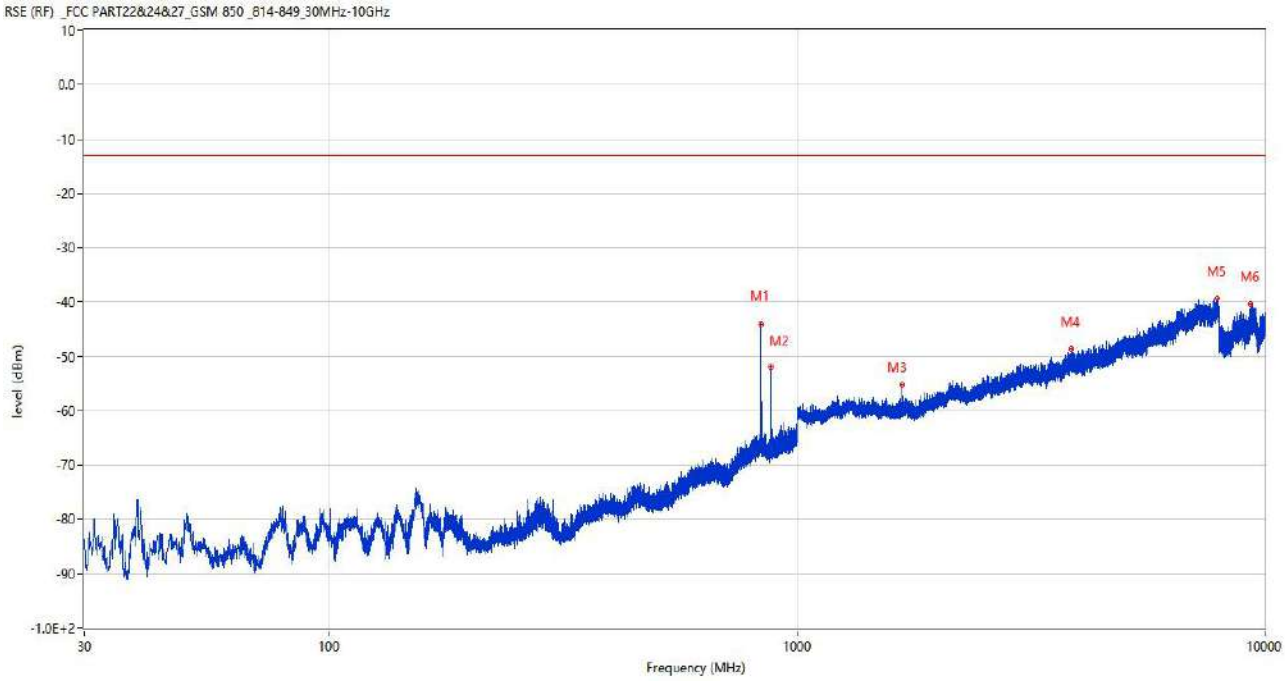
Band:GSM850 Channel:MID

range



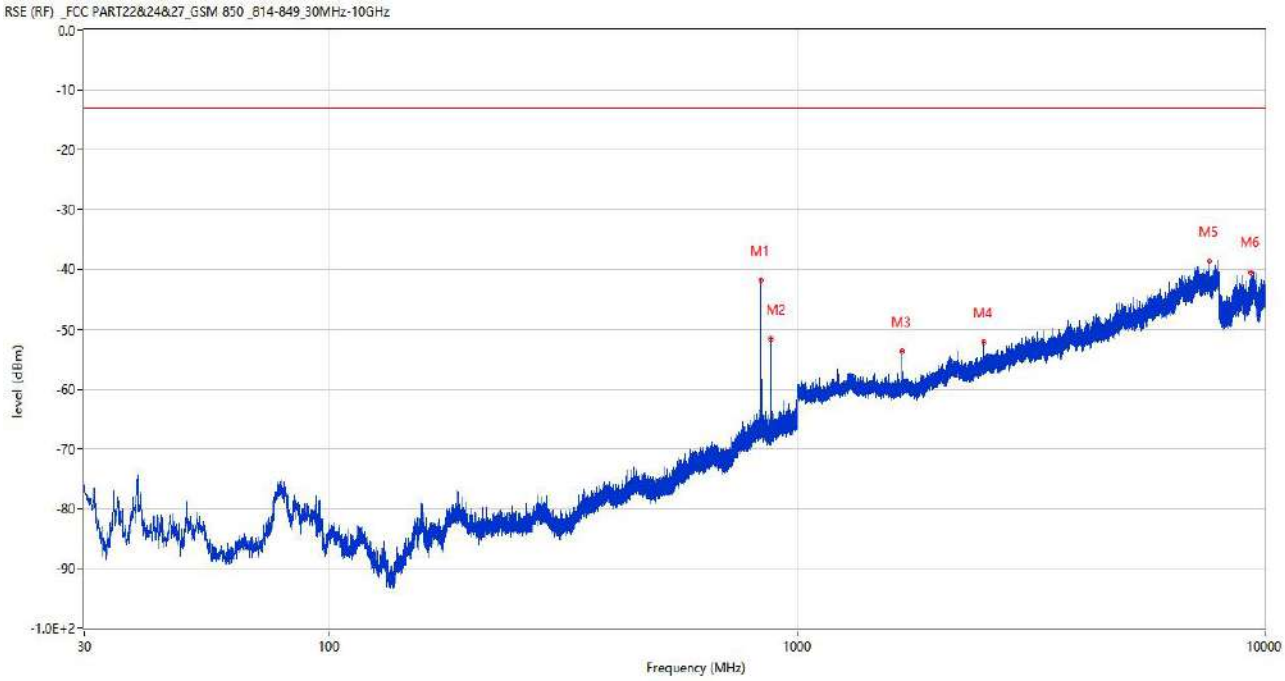
Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
836.700	-43.67	4.75	-13.0	30.67	33.00	Horizontal	Horizontal	N/A
881.660	-43.92	3.51	-13.0	30.92	248.00	Horizontal	Horizontal	N/A
1674.000	-52.06	-5.63	-13.0	39.06	195.00	Horizontal	Horizontal	Pass
2510.800	-50.83	-0.64	-13.0	37.83	186.00	Horizontal	Horizontal	Pass
7854.000	-39.26	14.13	-13.0	26.26	141.00	Horizontal	Horizontal	Pass
9457.599	-39.54	13.62	-13.0	26.54	104.00	Horizontal	Horizontal	Pass

Band:GSM850 Channel:MID range



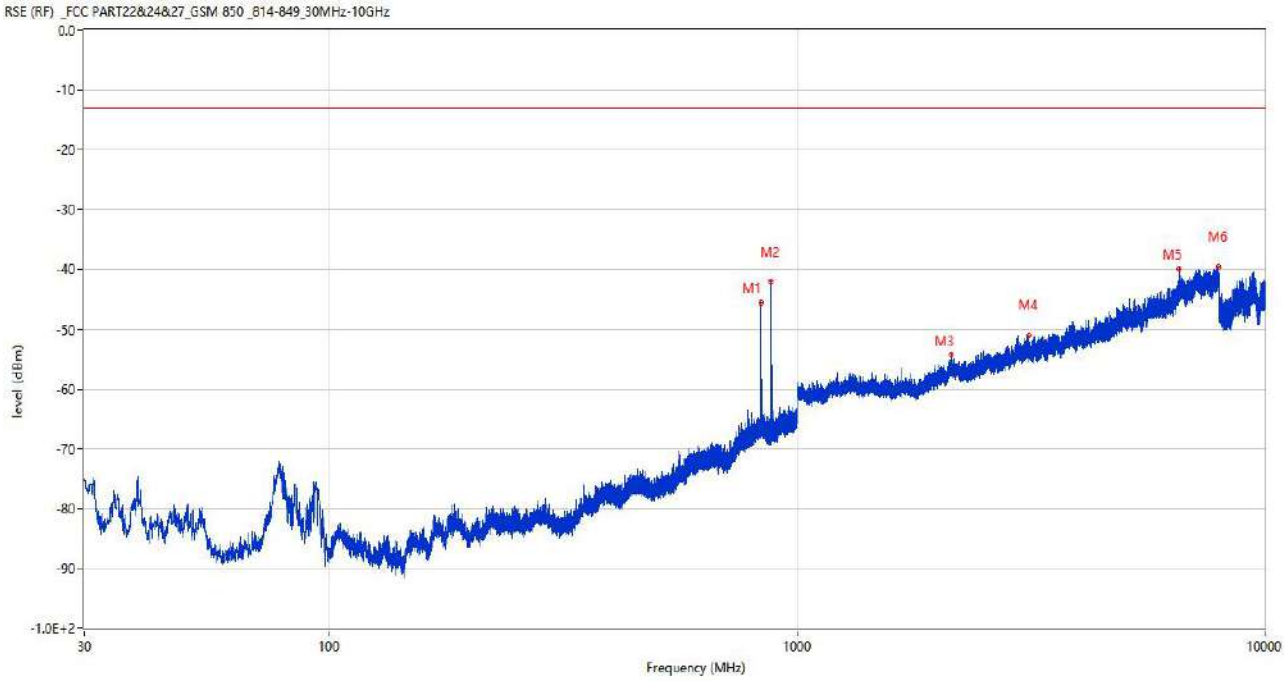
Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
836.555	-43.98	4.74	-13.0	30.98	50.00	Horizontal	Vertical	N/A
881.612	-52.04	3.51	-13.0	39.04	328.00	Horizontal	Vertical	N/A
1674.000	-55.28	-5.63	-13.0	42.28	6.00	Horizontal	Vertical	Pass
3862.250	-48.63	7.11	-13.0	35.63	261.00	Horizontal	Vertical	Pass
7904.000	-39.30	14.62	-13.0	26.30	46.00	Horizontal	Vertical	Pass
9347.500	-40.31	13.94	-13.0	27.31	275.00	Horizontal	Vertical	Pass

Band:GSM850 Channel:MID range



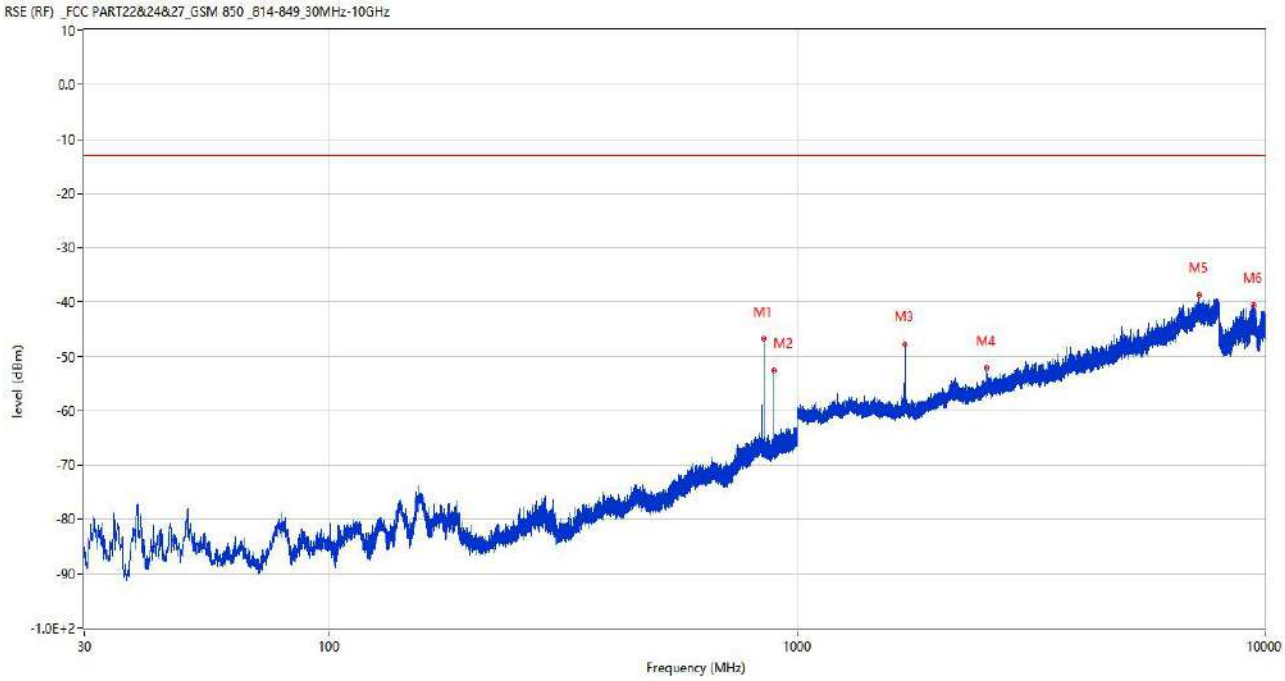
Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
836.652	-41.84	4.74	-13.0	28.84	127.00	Vertical	Vertical	N/A
881.612	-51.67	3.51	-13.0	38.67	148.00	Vertical	Vertical	N/A
1673.900	-53.72	-5.63	-13.0	40.72	206.00	Vertical	Vertical	Pass
2510.600	-52.23	-0.68	-13.0	39.23	144.00	Vertical	Vertical	Pass
7597.250	-38.62	13.74	-13.0	25.62	172.00	Vertical	Vertical	Pass
9344.500	-40.48	13.97	-13.0	27.48	269.00	Vertical	Vertical	Pass

Band:GSM850 Channel:MID range



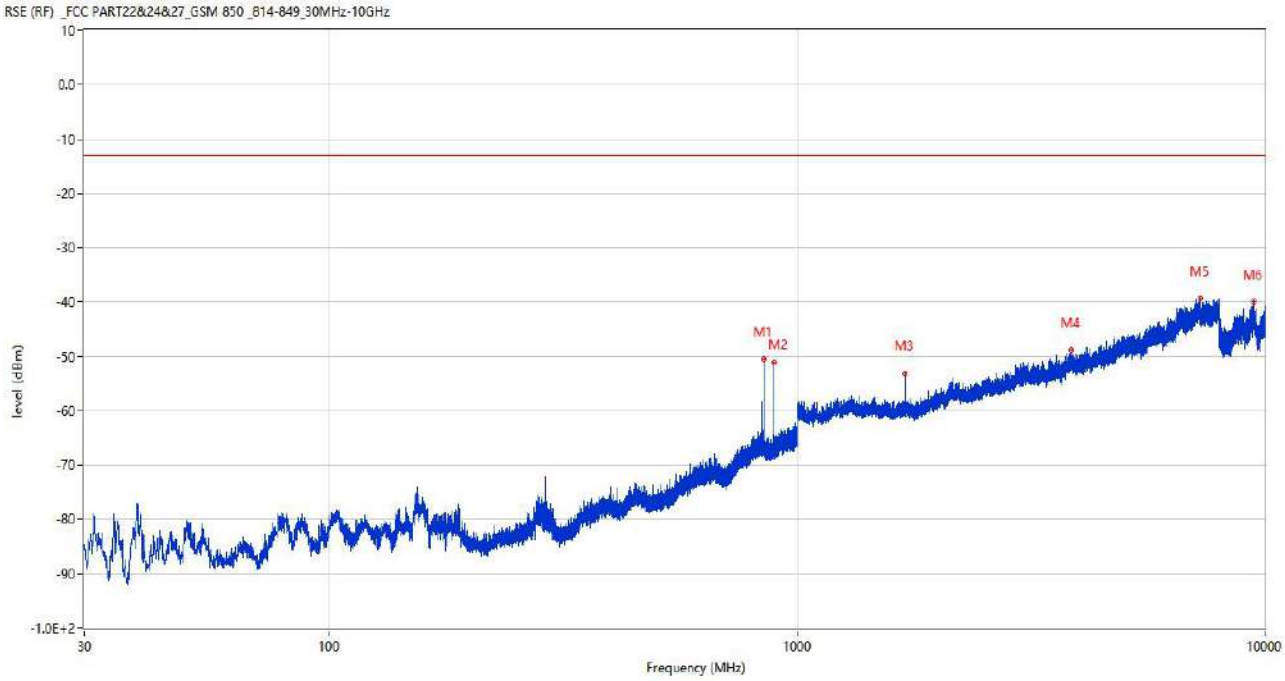
Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
836.555	-45.49	4.74	-13.0	32.49	109.00	Vertical	Horizontal	N/A
881.660	-42.03	3.51	-13.0	29.03	176.00	Vertical	Horizontal	N/A
2139.000	-54.26	-2.13	-13.0	41.26	344.00	Vertical	Horizontal	Pass
3131.750	-50.98	3.59	-13.0	37.98	74.00	Vertical	Horizontal	Pass
6572.750	-39.97	13.06	-13.0	26.97	99.00	Vertical	Horizontal	Pass
7970.000	-39.55	15.33	-13.0	26.55	356.00	Vertical	Horizontal	Pass

Band:GSM850 Channel:High range



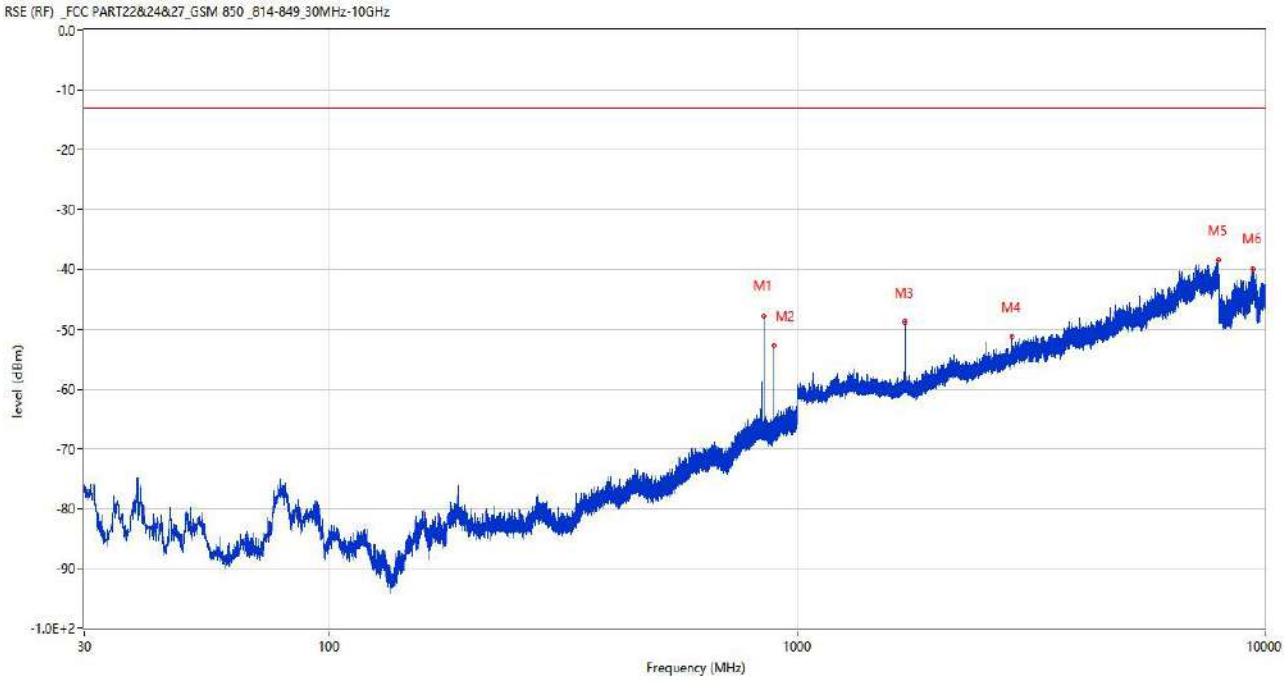
Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
848.874	-46.79	4.53	-13.0	33.79	42.00	Horizontal	Horizontal	N/A
893.737	-52.49	4.01	-13.0	39.49	328.00	Horizontal	Horizontal	N/A
1698.500	-47.71	-4.93	-13.0	34.71	210.00	Horizontal	Horizontal	Pass
2547.100	-52.22	-0.37	-13.0	39.22	276.00	Horizontal	Horizontal	Pass
7230.000	-38.64	14.34	-13.0	25.64	335.00	Horizontal	Horizontal	Pass
9462.799	-40.61	13.51	-13.0	27.61	58.00	Horizontal	Horizontal	Pass

Band:GSM850 Channel:High range



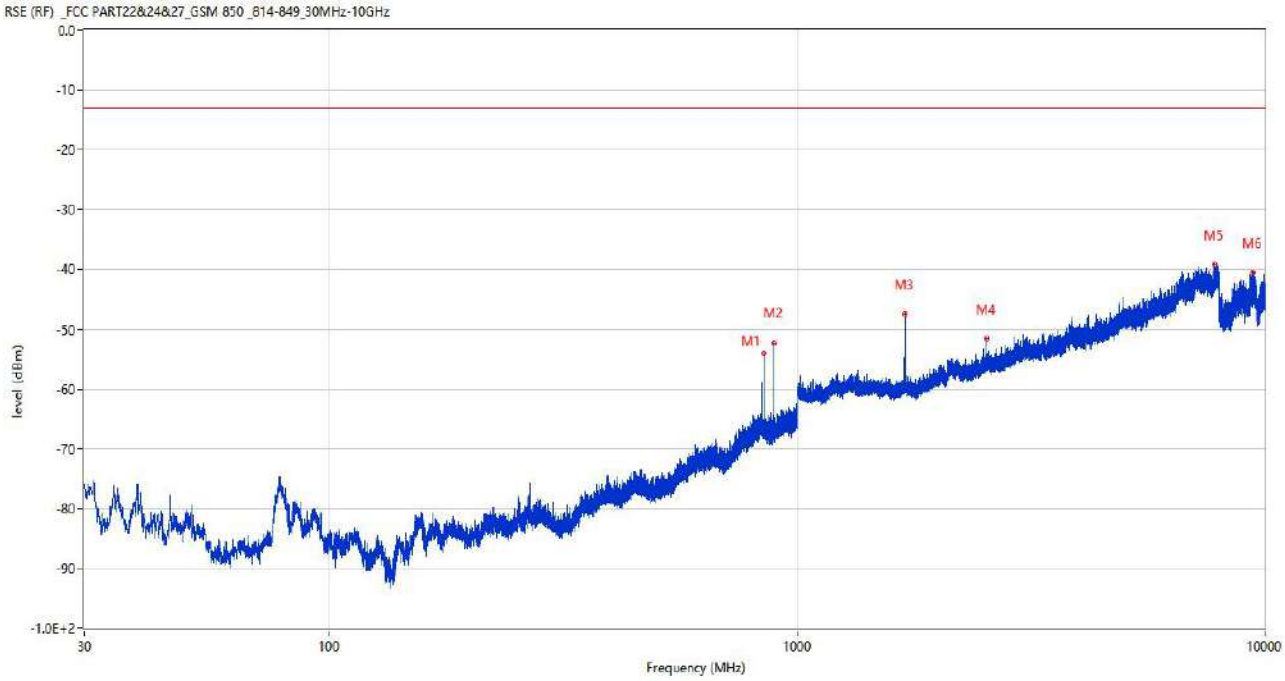
Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
848.874	-50.42	4.53	-13.0	37.42	219.00	Horizontal	Vertical	N/A
893.833	-51.21	4.01	-13.0	38.21	325.00	Horizontal	Vertical	N/A
1698.200	-53.08	-4.95	-13.0	40.08	162.00	Horizontal	Vertical	Pass
3860.000	-48.93	7.21	-13.0	35.93	80.00	Horizontal	Vertical	Pass
7285.000	-39.30	14.31	-13.0	26.30	88.00	Horizontal	Vertical	Pass
9482.900	-40.03	13.08	-13.0	27.03	133.00	Horizontal	Vertical	Pass

Band:GSM850 Channel:High range



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
848.874	-47.83	4.53	-13.0	34.83	108.00	Vertical	Vertical	N/A
893.785	-52.80	4.01	-13.0	39.80	149.00	Vertical	Vertical	N/A
1698.400	-48.86	-4.93	-13.0	35.86	339.00	Vertical	Vertical	Pass
2877.100	-51.25	1.00	-13.0	38.25	107.00	Vertical	Vertical	Pass
7973.000	-38.46	15.14	-13.0	25.46	268.00	Vertical	Vertical	Pass
9442.900	-39.84	13.72	-13.0	26.84	3.00	Vertical	Vertical	Pass

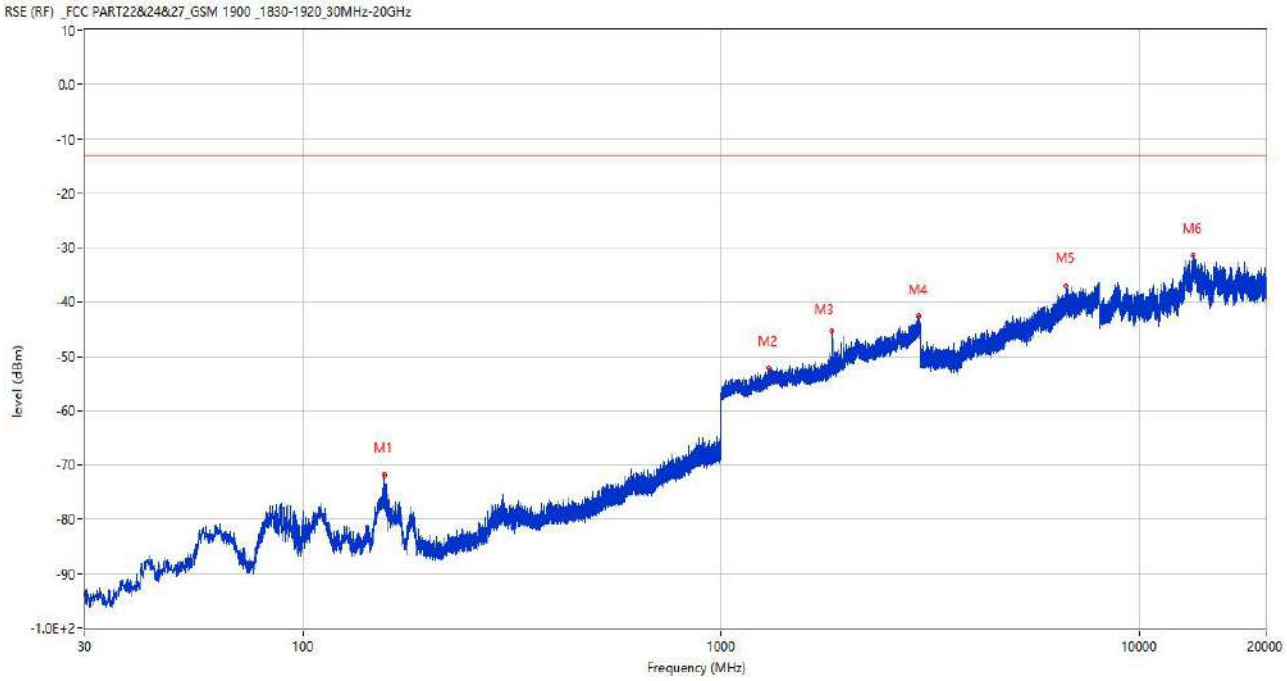
Band:GSM850 Channel:High range



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
848.825	-54.01	4.54	-13.0	41.01	122.00	Vertical	Horizontal	N/A
893.833	-52.35	4.01	-13.0	39.35	155.00	Vertical	Horizontal	N/A
1698.500	-47.53	-4.93	-13.0	34.53	211.00	Vertical	Horizontal	Pass
2546.900	-51.66	-0.31	-13.0	38.66	277.00	Vertical	Horizontal	Pass
7794.250	-39.25	14.52	-13.0	26.25	195.00	Vertical	Horizontal	Pass
9428.500	-40.51	13.60	-13.0	27.51	343.00	Vertical	Horizontal	Pass

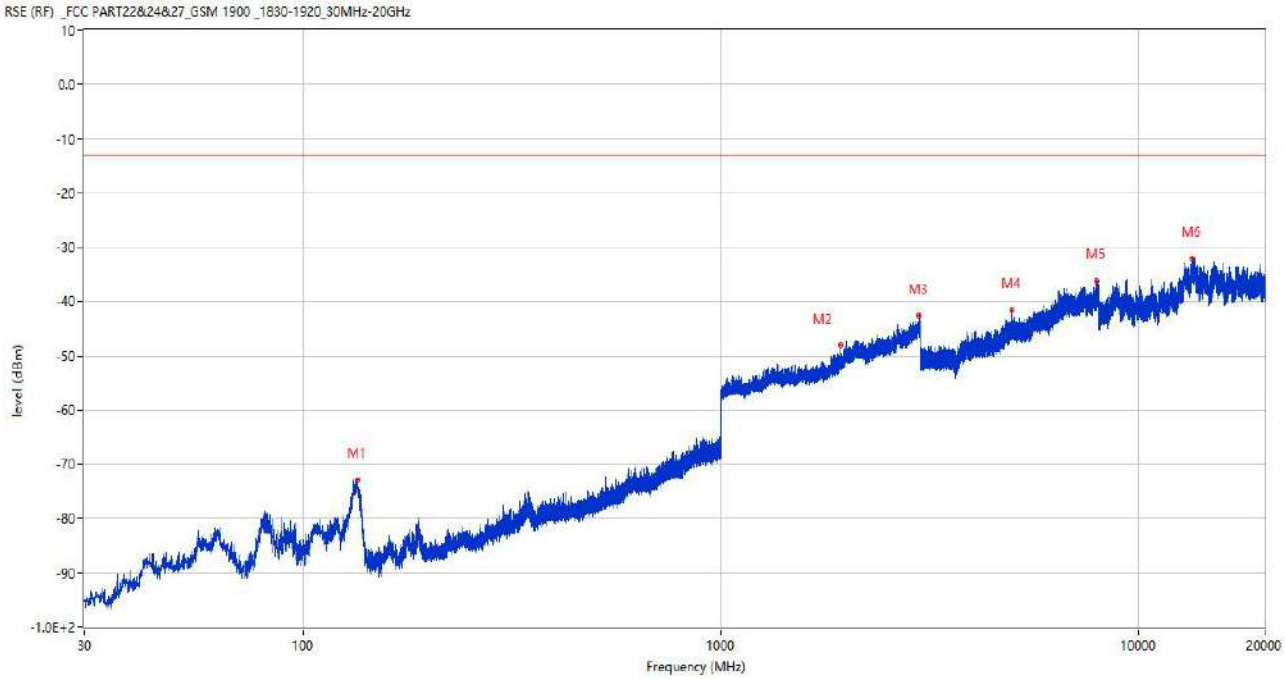
2.2 EGPRS 1900

Band:GSM190 Channel:LOW range



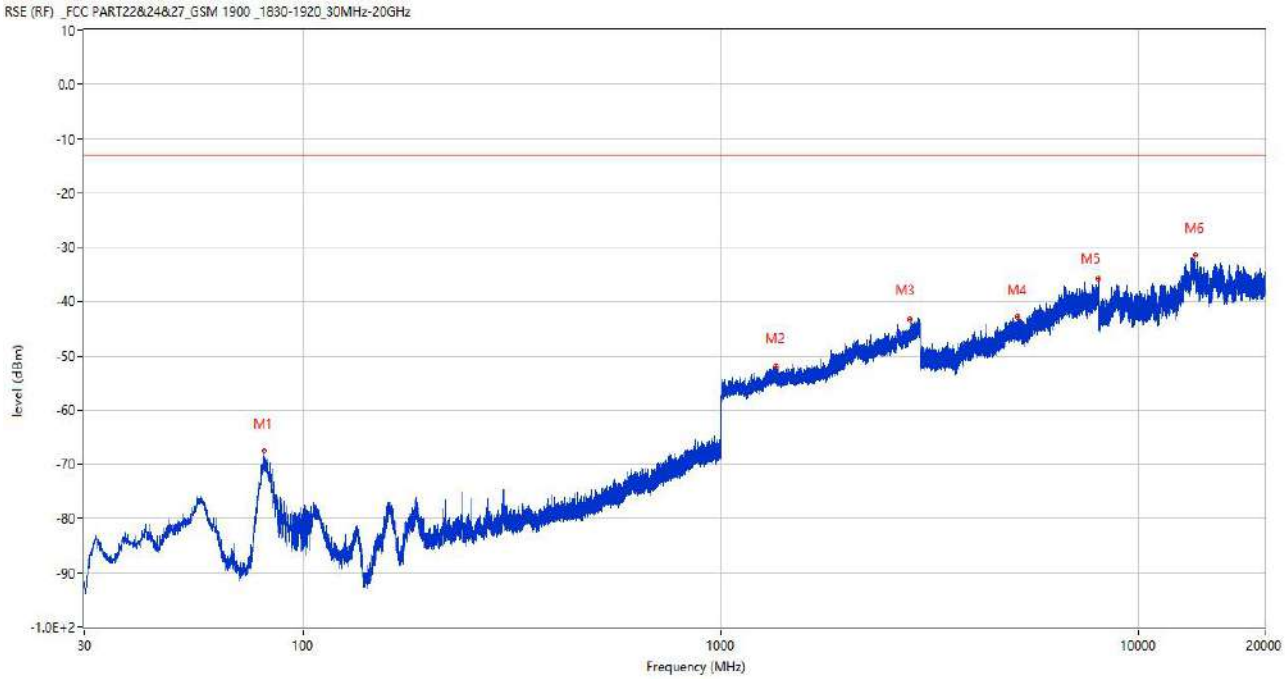
Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
156.391	-71.90	-18.86	-13.0	58.90	210.00	Horizontal	Horizontal	Pass
1291.400	-52.22	0.56	-13.0	39.22	360.00	Horizontal	Horizontal	Pass
1841.800	-45.25	2.41	-13.0	32.25	24.00	Horizontal	Horizontal	Pass
2953.000	-42.68	10.98	-13.0	29.68	328.00	Horizontal	Horizontal	Pass
6676.750	-36.93	16.78	-13.0	23.93	145.00	Horizontal	Horizontal	Pass
13440.201	-31.52	24.58	-13.0	18.52	154.00	Horizontal	Horizontal	Pass

Band:GSM1900 Channel:LOW range



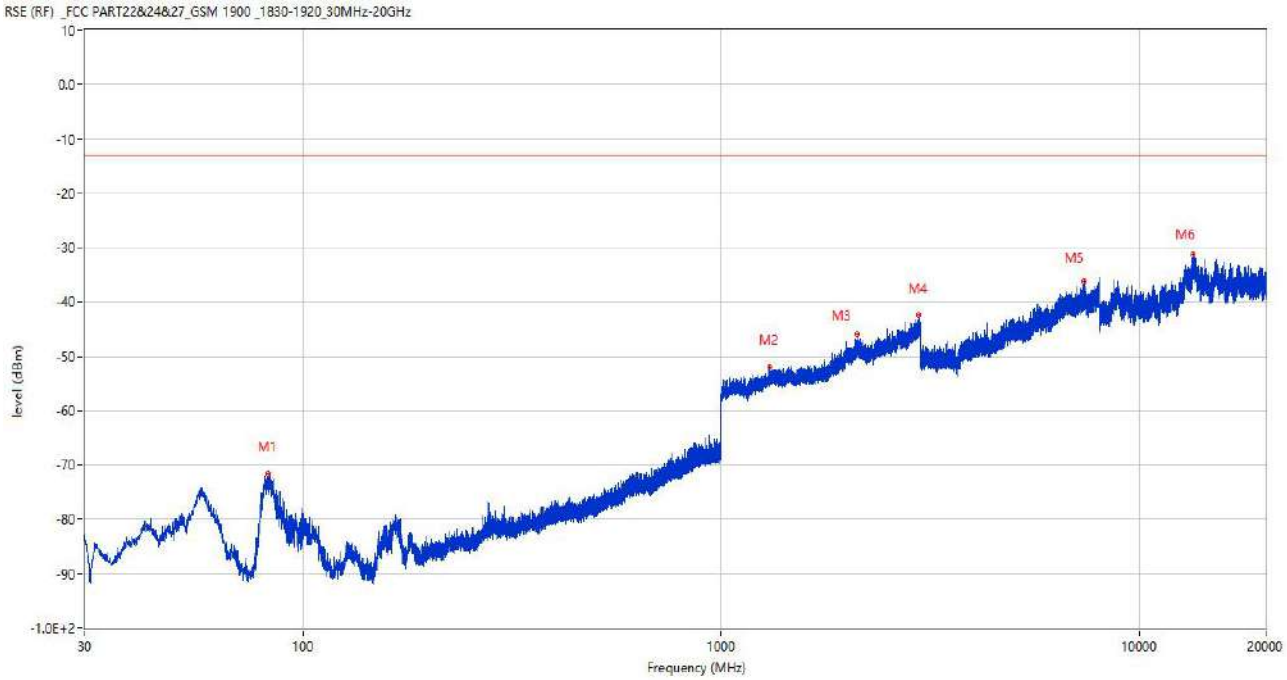
Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
134.954	-72.83	-21.16	-13.0	59.83	34.00	Horizontal	Vertical	Pass
1930.900	-48.03	3.17	-13.0	35.03	120.00	Horizontal	Vertical	N/A
2975.600	-42.64	11.67	-13.0	29.64	225.00	Horizontal	Vertical	Pass
4962.250	-41.65	13.12	-13.0	28.65	3.00	Horizontal	Vertical	Pass
7929.250	-36.18	18.59	-13.0	23.18	31.00	Horizontal	Vertical	Pass
13384.013	-32.09	24.75	-13.0	19.09	248.00	Horizontal	Vertical	Pass

Band:GSM1900 Channel:LOW range



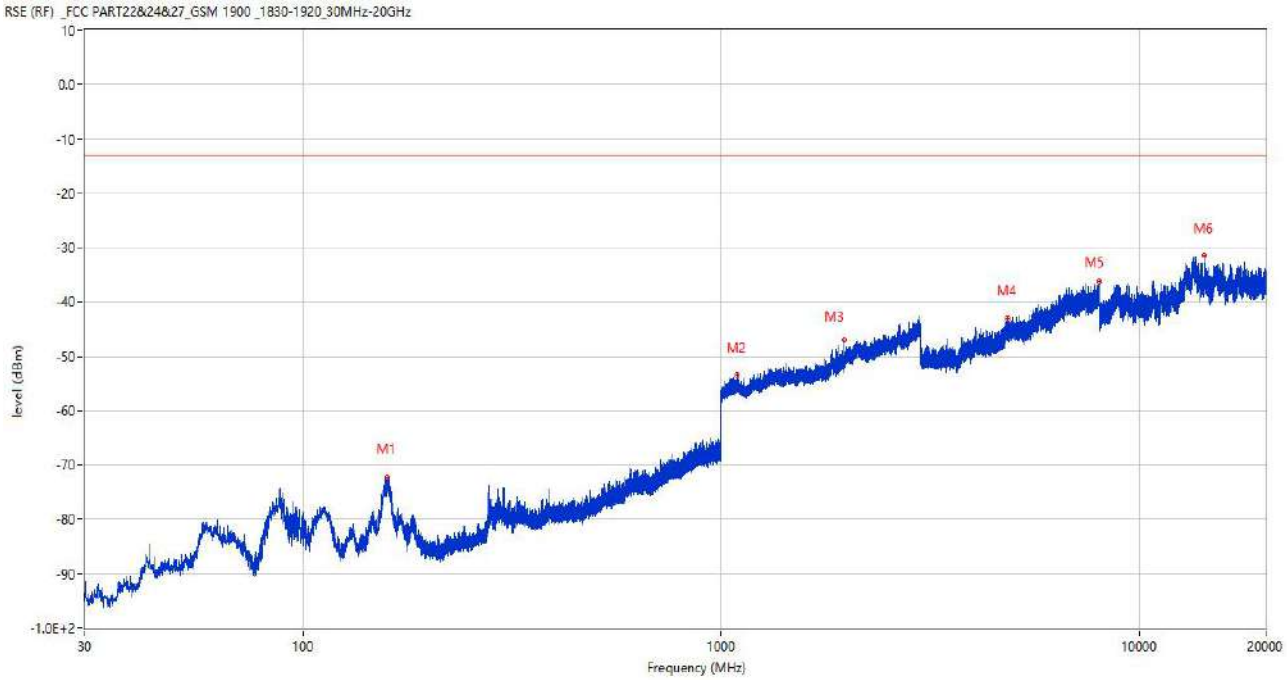
Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
80.489	-67.43	-20.25	-13.0	54.43	222.00	Vertical	Vertical	Pass
1357.000	-51.84	0.52	-13.0	38.84	260.00	Vertical	Vertical	Pass
2827.100	-43.24	9.41	-13.0	30.24	272.00	Vertical	Vertical	Pass
5122.000	-42.85	12.34	-13.0	29.85	228.00	Vertical	Vertical	Pass
7991.000	-35.70	18.45	-13.0	22.70	139.00	Vertical	Vertical	Pass
13646.463	-31.52	24.83	-13.0	18.52	0.00	Vertical	Vertical	Pass

Band:GSM1900 Channel:LOW range



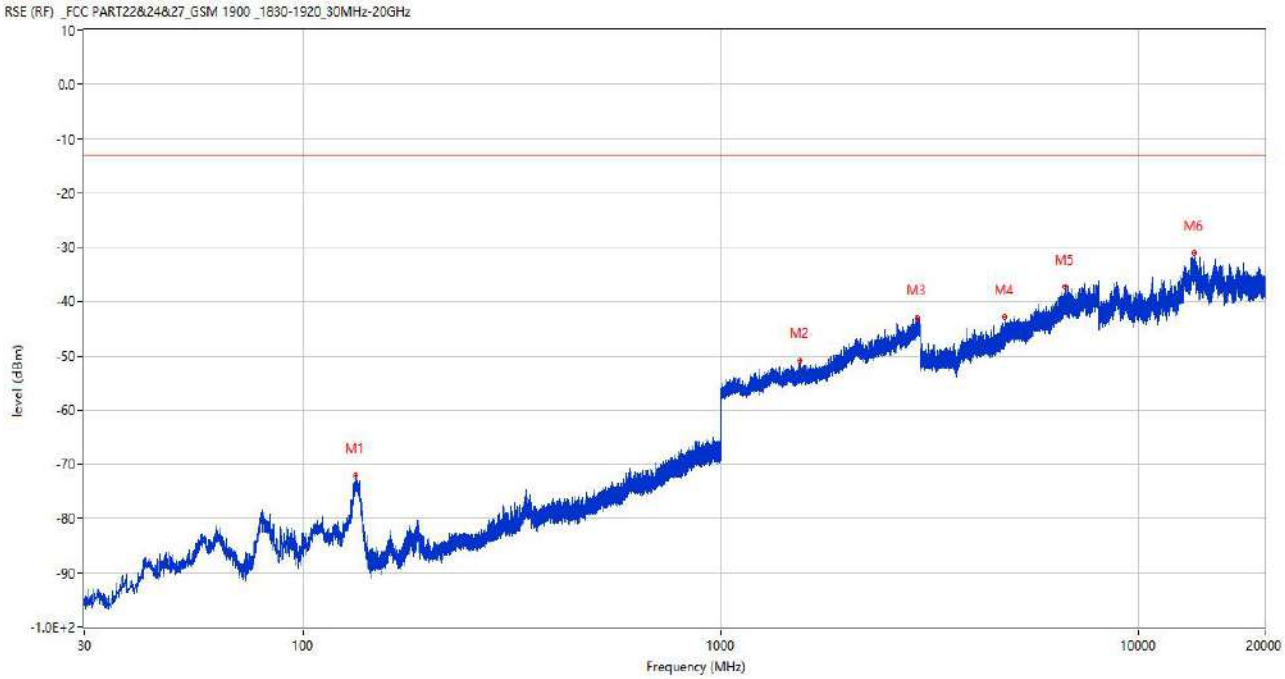
Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
82.283	-71.58	-19.97	-13.0	58.58	177.00	Vertical	Horizontal	Pass
1298.600	-51.99	0.55	-13.0	38.99	59.00	Vertical	Horizontal	Pass
2115.800	-45.85	5.50	-13.0	32.85	65.00	Vertical	Horizontal	Pass
2953.100	-42.40	10.97	-13.0	29.40	325.00	Vertical	Horizontal	Pass
7374.750	-36.23	17.39	-13.0	23.23	109.00	Vertical	Horizontal	Pass
13372.412	-31.27	24.68	-13.0	18.27	191.00	Vertical	Horizontal	Pass

Band:GSM1900 Channel:Mid range



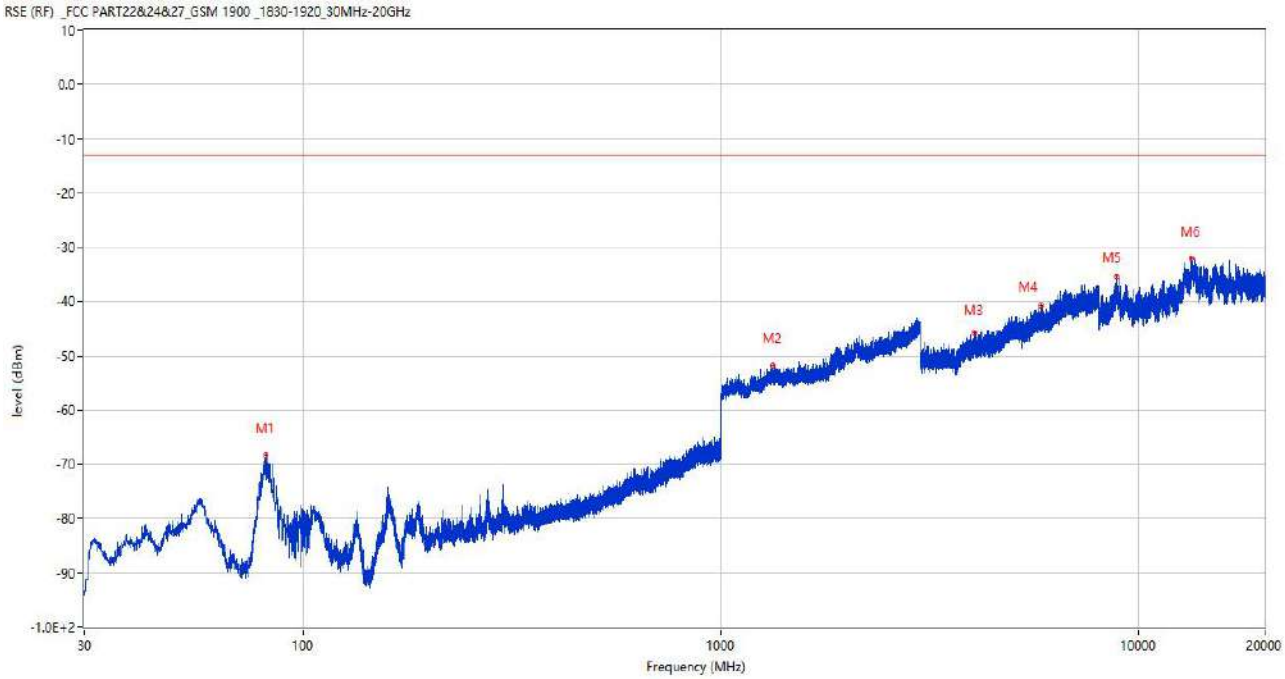
Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
158.622	-72.20	-18.48	-13.0	59.20	362.00	Horizontal	Horizontal	Pass
1090.900	-53.46	-0.95	-13.0	40.46	243.00	Horizontal	Horizontal	Pass
1961.000	-46.99	3.38	-13.0	33.99	277.00	Horizontal	Horizontal	N/A
4818.250	-43.02	12.92	-13.0	30.02	51.00	Horizontal	Horizontal	Pass
7993.000	-36.10	18.55	-13.0	23.10	127.00	Horizontal	Horizontal	Pass
14289.901	-31.52	23.92	-13.0	18.52	360.00	Horizontal	Horizontal	Pass

Band:GSM1900 Channel:Mid range



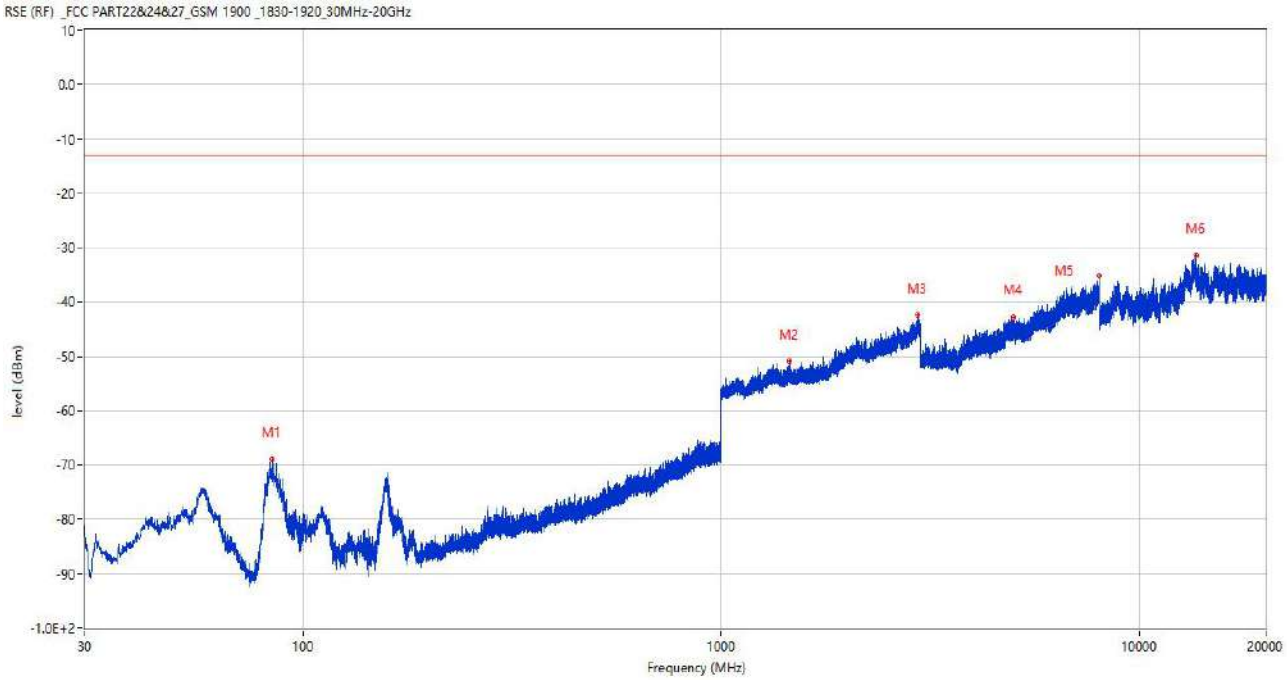
Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
133.936	-72.10	-21.29	-13.0	59.10	264.00	Horizontal	Vertical	Pass
1549.500	-50.87	0.89	-13.0	37.87	303.00	Horizontal	Vertical	Pass
2945.500	-42.95	10.84	-13.0	29.95	117.00	Horizontal	Vertical	Pass
4776.500	-42.77	12.39	-13.0	29.77	163.00	Horizontal	Vertical	Pass
6656.000	-37.17	16.14	-13.0	24.17	232.00	Horizontal	Vertical	Pass
13595.713	-31.08	24.90	-13.0	18.08	140.00	Horizontal	Vertical	Pass

Band:GSM1900 Channel:Mid range



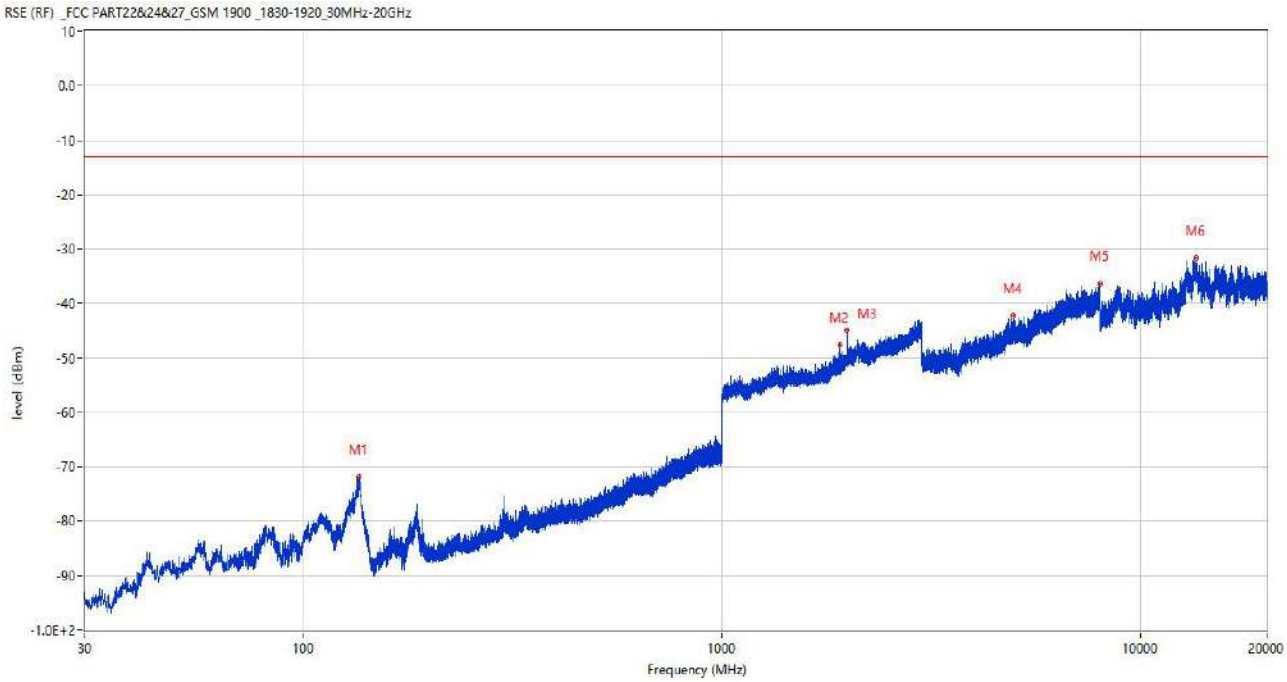
Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
81.313	-68.37	-20.11	-13.0	55.37	273.00	Vertical	Vertical	Pass
1328.300	-51.78	0.74	-13.0	38.78	314.00	Vertical	Vertical	Pass
4036.500	-45.68	9.69	-13.0	32.68	1.00	Vertical	Vertical	Pass
5818.500	-40.80	14.77	-13.0	27.80	1.00	Vertical	Vertical	Pass
8848.588	-35.32	20.34	-13.0	22.32	156.00	Vertical	Vertical	Pass
13363.350	-32.12	24.62	-13.0	19.12	84.00	Vertical	Vertical	Pass

Band:GSM1900 Channel:Mid range



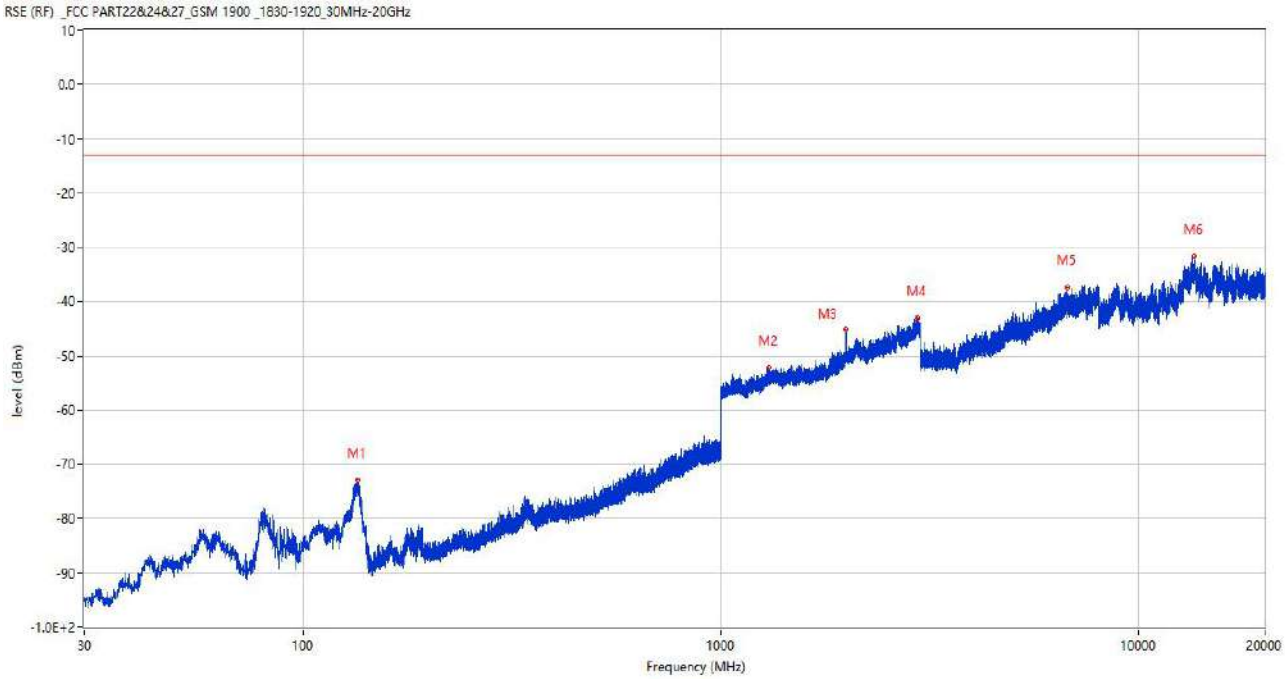
Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
84.126	-68.94	-19.90	-13.0	55.94	209.00	Vertical	Horizontal	Pass
1454.300	-50.98	0.76	-13.0	37.98	223.00	Vertical	Horizontal	Pass
2949.600	-42.47	11.05	-13.0	29.47	298.00	Vertical	Horizontal	Pass
4990.750	-42.73	13.07	-13.0	29.73	0.00	Vertical	Horizontal	Pass
7997.500	-35.12	18.88	-13.0	22.12	122.00	Vertical	Horizontal	Pass
13628.338	-31.48	24.85	-13.0	18.48	203.00	Vertical	Horizontal	Pass

Band:GSM1900 Channel:High range



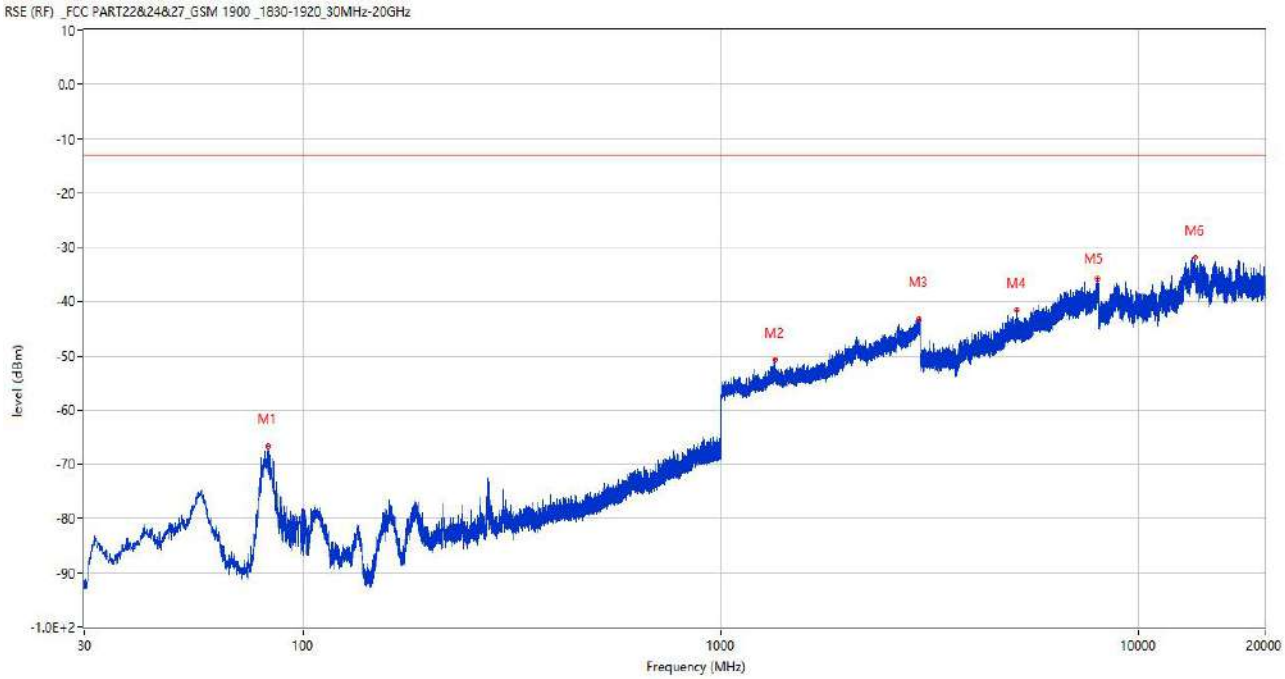
Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
135.682	-71.81	-21.14	-13.0	58.81	99.00	Horizontal	Horizontal	Pass
1910.600	-47.59	3.10	-13.0	34.59	155.00	Horizontal	Horizontal	N/A
1990.300	-45.00	4.57	-13.0	32.00	268.00	Horizontal	Horizontal	N/A
4964.750	-42.22	13.37	-13.0	29.22	198.00	Horizontal	Horizontal	Pass
7998.250	-36.33	18.89	-13.0	23.33	137.00	Horizontal	Horizontal	Pass
13567.799	-31.73	25.10	-13.0	18.73	41.00	Horizontal	Horizontal	Pass

Band:GSM1900 Channel:High range



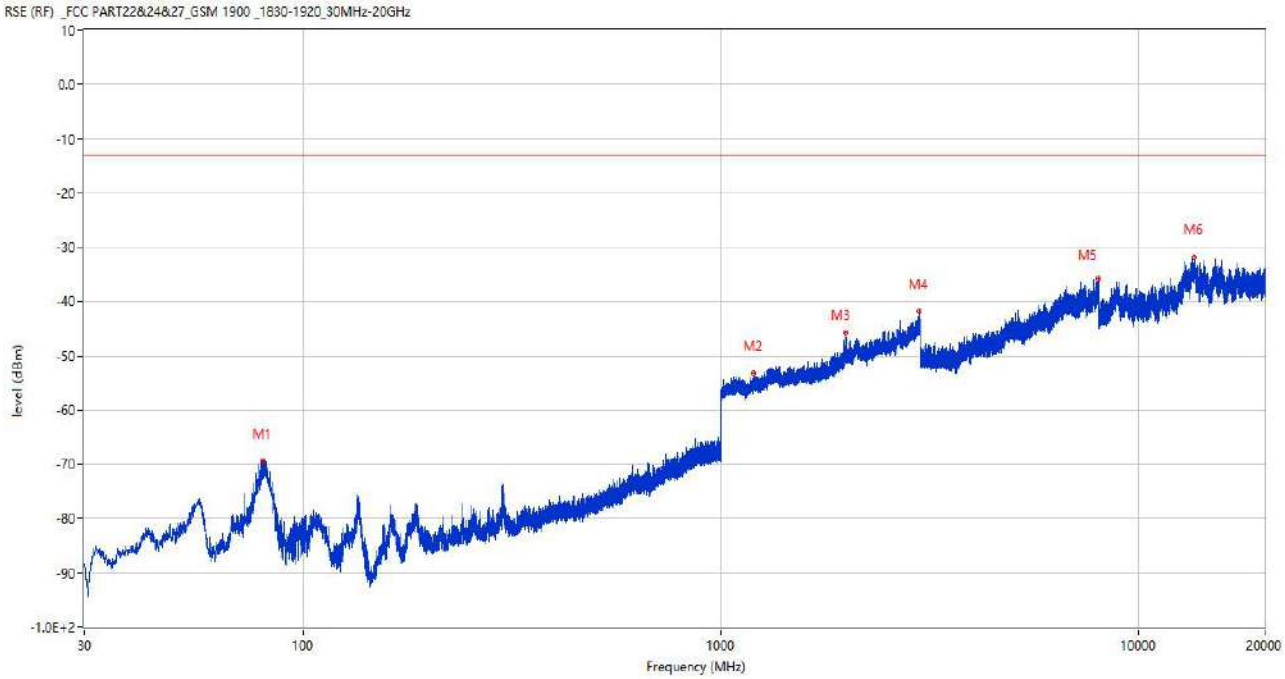
Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
134.954	-72.82	-21.16	-13.0	59.82	253.00	Horizontal	Vertical	Pass
1305.400	-52.19	0.73	-13.0	39.19	45.00	Horizontal	Vertical	Pass
1990.600	-45.09	4.55	-13.0	32.09	280.00	Horizontal	Vertical	N/A
2937.300	-43.08	10.68	-13.0	30.08	150.00	Horizontal	Vertical	Pass
6721.500	-37.48	16.63	-13.0	24.48	162.00	Horizontal	Vertical	Pass
13585.200	-31.74	24.97	-13.0	18.74	319.00	Horizontal	Vertical	Pass

Band:GSM1900 Channel:High range



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
82.331	-66.67	-19.97	-13.0	53.67	247.00	Vertical	Vertical	Pass
1342.300	-50.67	0.54	-13.0	37.67	63.00	Vertical	Vertical	Pass
2974.700	-43.14	11.74	-13.0	30.14	19.00	Vertical	Vertical	Pass
5110.750	-41.66	12.28	-13.0	28.66	78.00	Vertical	Vertical	Pass
7945.500	-35.88	18.80	-13.0	22.88	112.00	Vertical	Vertical	Pass
13611.662	-31.85	24.86	-13.0	18.85	360.00	Vertical	Vertical	Pass

Band:GSM1900 Channel:High range

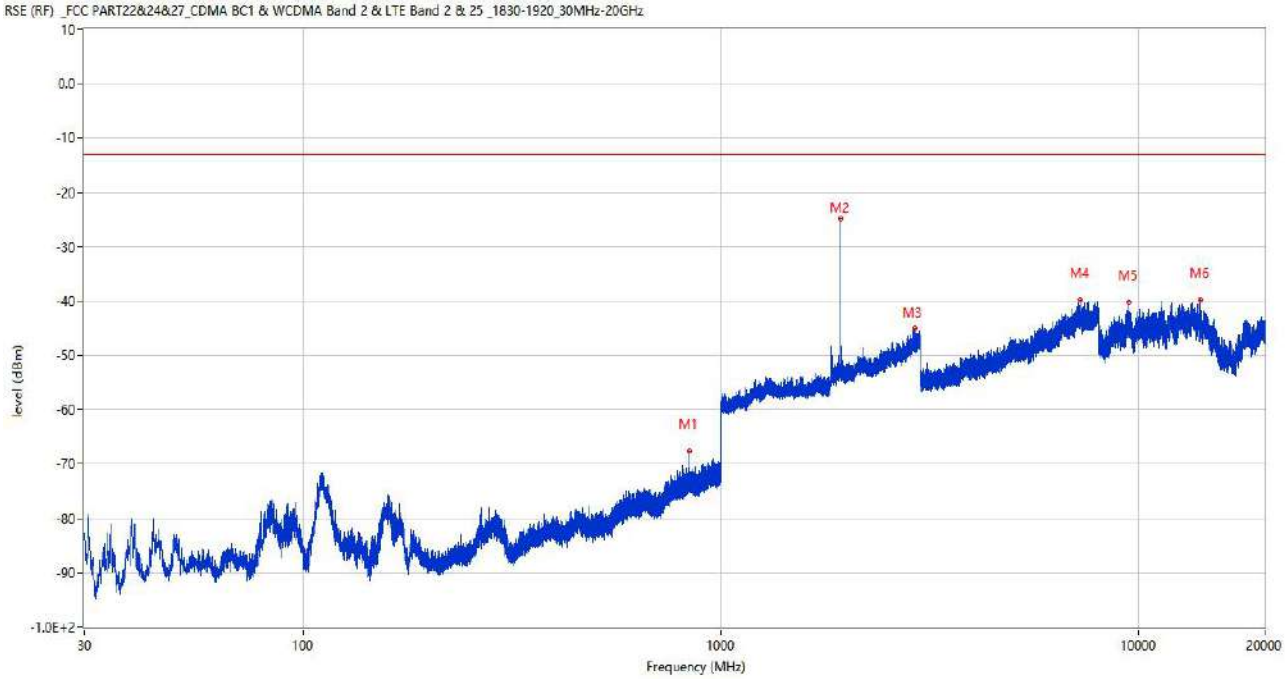


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
80.343	-69.38	-20.27	-13.0	56.38	293.00	Vertical	Horizontal	Pass
1199.600	-53.24	-0.71	-13.0	40.24	182.00	Vertical	Horizontal	Pass
1990.700	-45.78	4.54	-13.0	32.78	239.00	Vertical	Horizontal	N/A
2969.900	-41.87	11.86	-13.0	28.87	360.00	Vertical	Horizontal	Pass
7990.000	-35.72	18.40	-13.0	22.72	1.00	Vertical	Horizontal	Pass
13555.838	-31.88	25.18	-13.0	18.88	182.00	Vertical	Horizontal	Pass

3. WCDMA

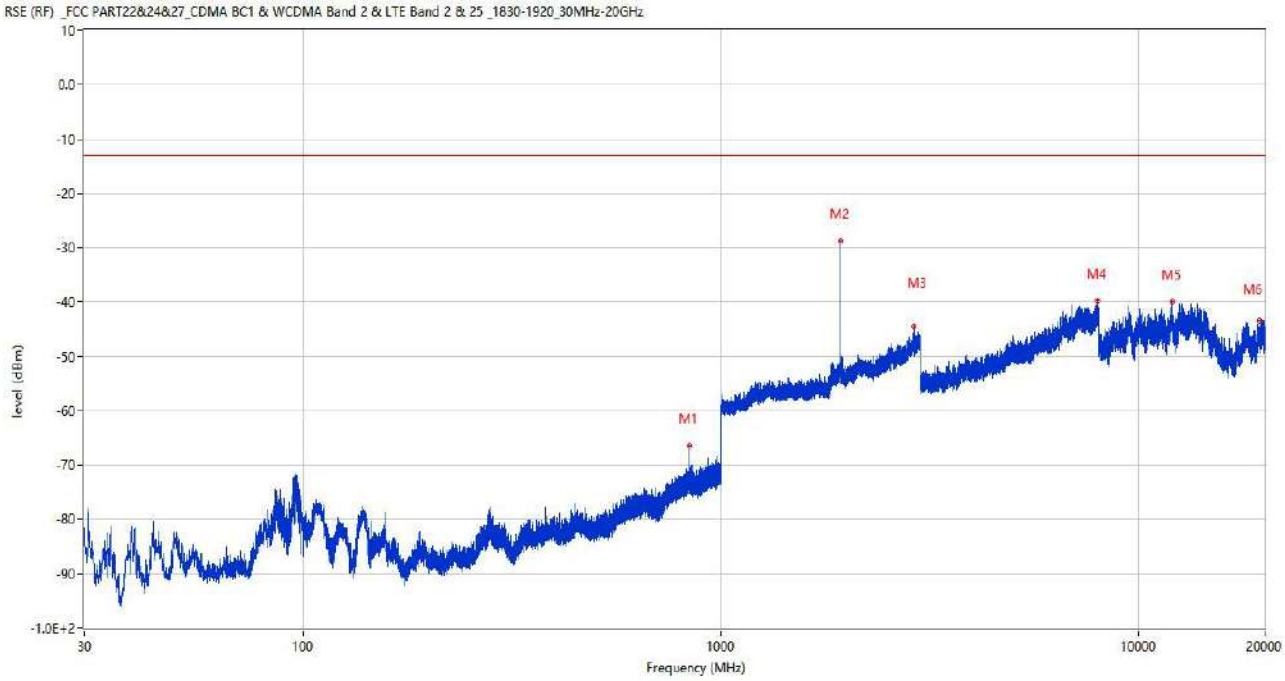
3.1 WCDMA Band 2

Band:WCDMA B2 Channel:LOW range



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
839.998	-67.59	-0.14	-13.0	54.59	36.00	Horizontal	Horizontal	Pass
1933.800	-24.79	1.75	-13.0	11.79	195.00	Horizontal	Horizontal	N/A
2913.500	-45.01	9.26	-13.0	32.01	216.00	Horizontal	Horizontal	Pass
7220.500	-39.77	13.93	-13.0	26.77	278.00	Horizontal	Horizontal	Pass
9451.362	-40.28	13.75	-13.0	27.28	49.00	Horizontal	Horizontal	Pass
14041.588	-39.79	17.14	-13.0	26.79	0.00	Horizontal	Horizontal	Pass

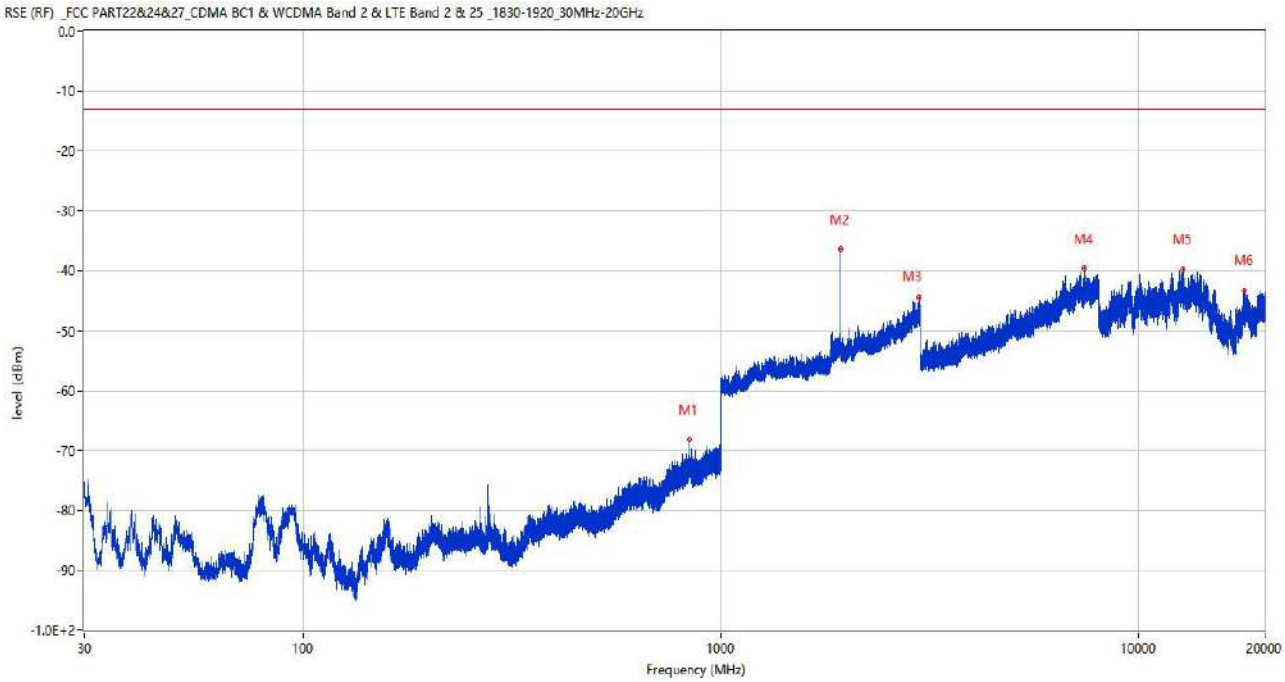
Band:WCDMA B2 Channel:LOW range



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
839.998	-66.44	-0.14	-13.0	53.44	105.00	Horizontal	Vertical	Pass
1932.500	-28.71	1.88	-13.0	15.71	65.00	Horizontal	Vertical	N/A
2891.100	-44.57	10.34	-13.0	31.57	360.00	Horizontal	Vertical	Pass
7972.000	-39.67	15.17	-13.0	26.67	154.00	Horizontal	Vertical	Pass
12000.925	-39.87	13.99	-13.0	26.87	110.00	Horizontal	Vertical	Pass
19463.500	-43.42	12.60	-13.0	30.42	321.00	Horizontal	Vertical	Pass

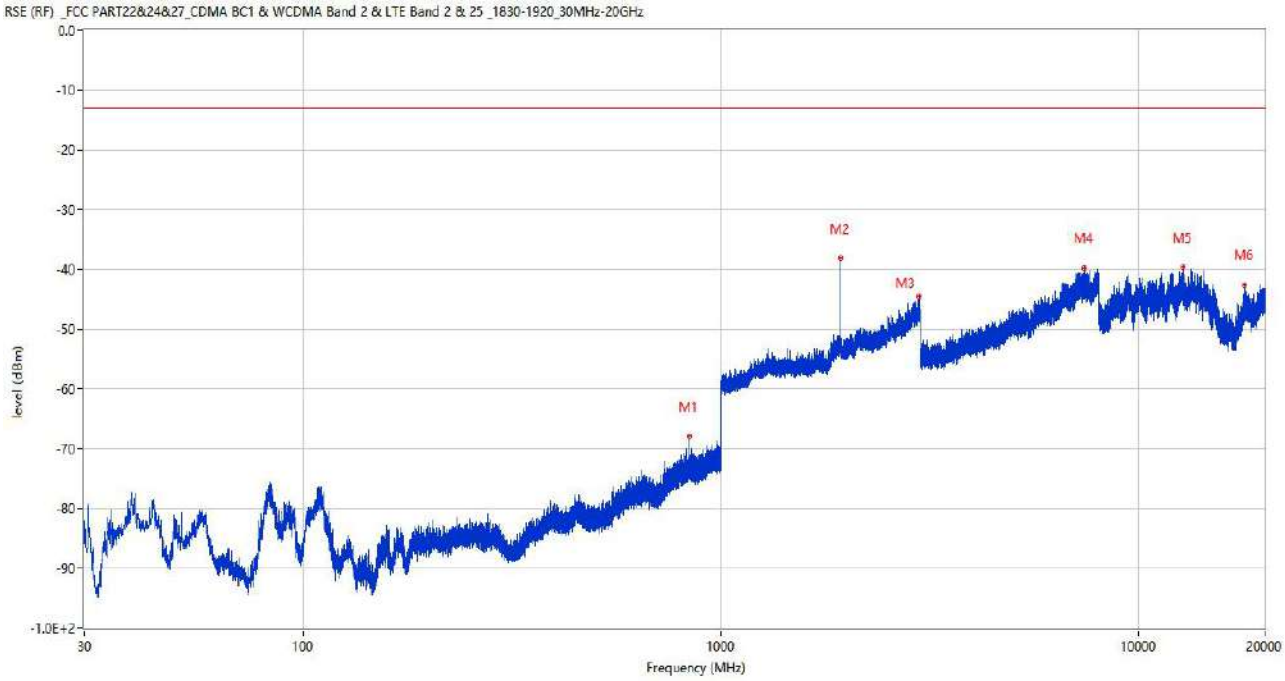
Band:WCDMA B2 Channel:LOW

range



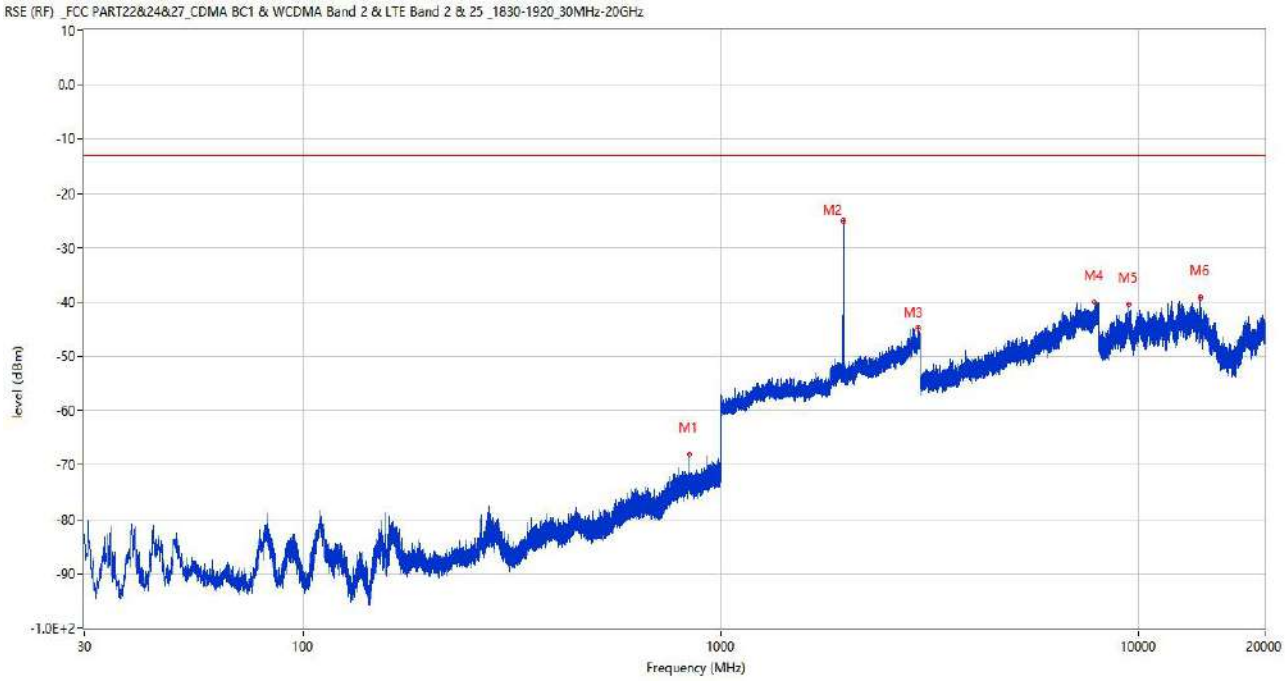
Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
839.998	-68.21	-0.14	-13.0	55.21	-3.00	Vertical	Vertical	Pass
1934.200	-36.37	1.69	-13.0	23.37	195.00	Vertical	Vertical	N/A
2971.300	-44.39	9.96	-13.0	31.39	10.00	Vertical	Vertical	Pass
7390.250	-39.56	13.74	-13.0	26.56	360.00	Vertical	Vertical	Pass
12738.600	-39.65	14.81	-13.0	26.65	290.00	Vertical	Vertical	Pass
17935.925	-43.28	13.23	-13.0	30.28	360.00	Vertical	Vertical	Pass

Band:WCDMA B2 Channel:LOW range



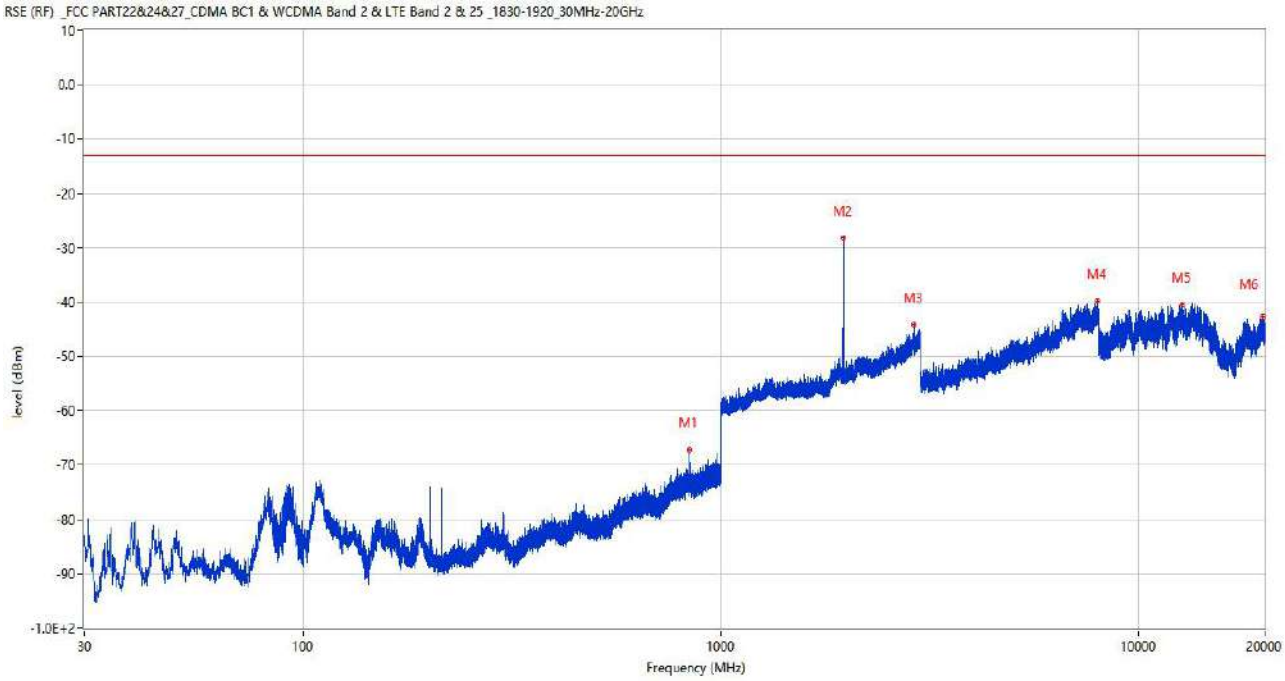
Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
839.998	-67.93	-0.14	-13.0	54.93	164.00	Vertical	Horizontal	Pass
1934.000	-38.13	1.72	-13.0	25.13	152.00	Vertical	Horizontal	N/A
2972.300	-44.55	9.83	-13.0	31.55	351.00	Vertical	Horizontal	Pass
7413.500	-39.81	14.09	-13.0	26.81	262.00	Vertical	Horizontal	Pass
12725.775	-39.65	14.83	-13.0	26.65	139.00	Vertical	Horizontal	Pass
17931.938	-42.65	13.06	-13.0	29.65	149.00	Vertical	Horizontal	Pass

Band:WCDMA B2 Channel:MID range



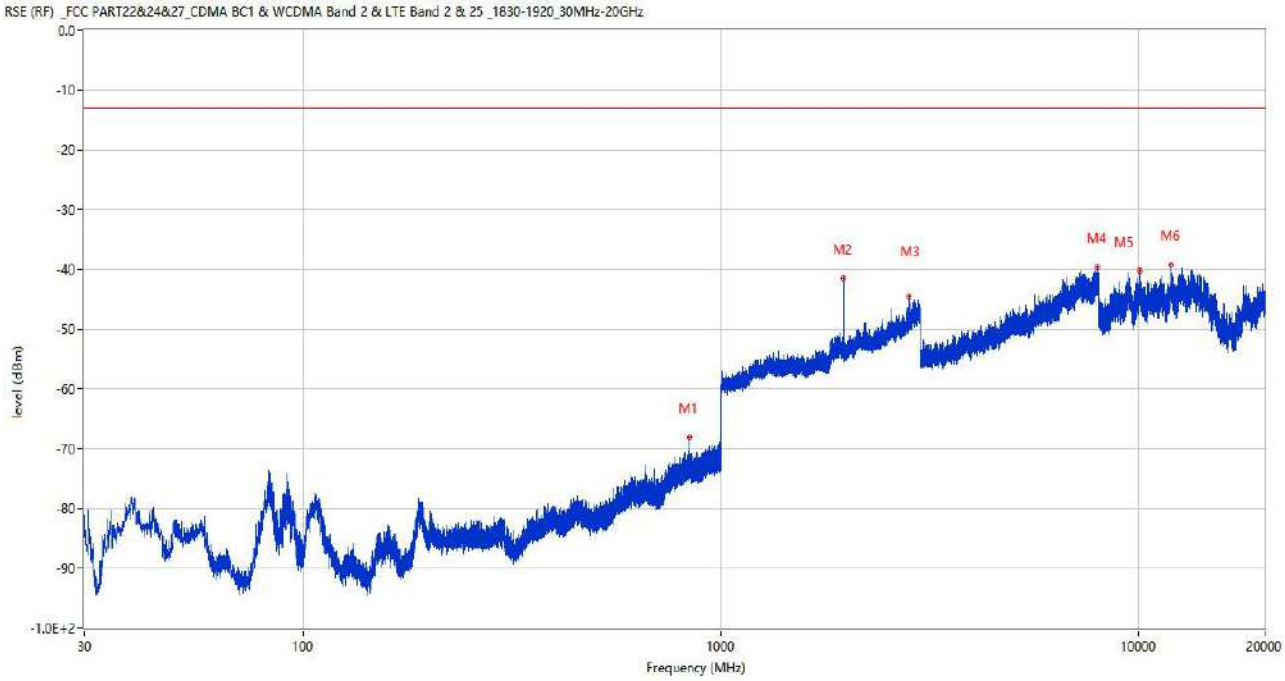
Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
839.998	-68.14	-0.14	-13.0	55.14	75.00	Horizontal	Horizontal	Pass
1962.000	-25.16	1.48	-13.0	12.16	209.00	Horizontal	Horizontal	N/A
2964.200	-44.77	10.10	-13.0	31.77	209.00	Horizontal	Horizontal	Pass
7814.750	-39.95	15.37	-13.0	26.95	360.00	Horizontal	Horizontal	Pass
9450.412	-40.51	13.77	-13.0	27.51	360.00	Horizontal	Horizontal	Pass
14045.938	-39.24	17.36	-13.0	26.24	95.00	Horizontal	Horizontal	Pass

Band:WCDMA B2 Channel:MID range



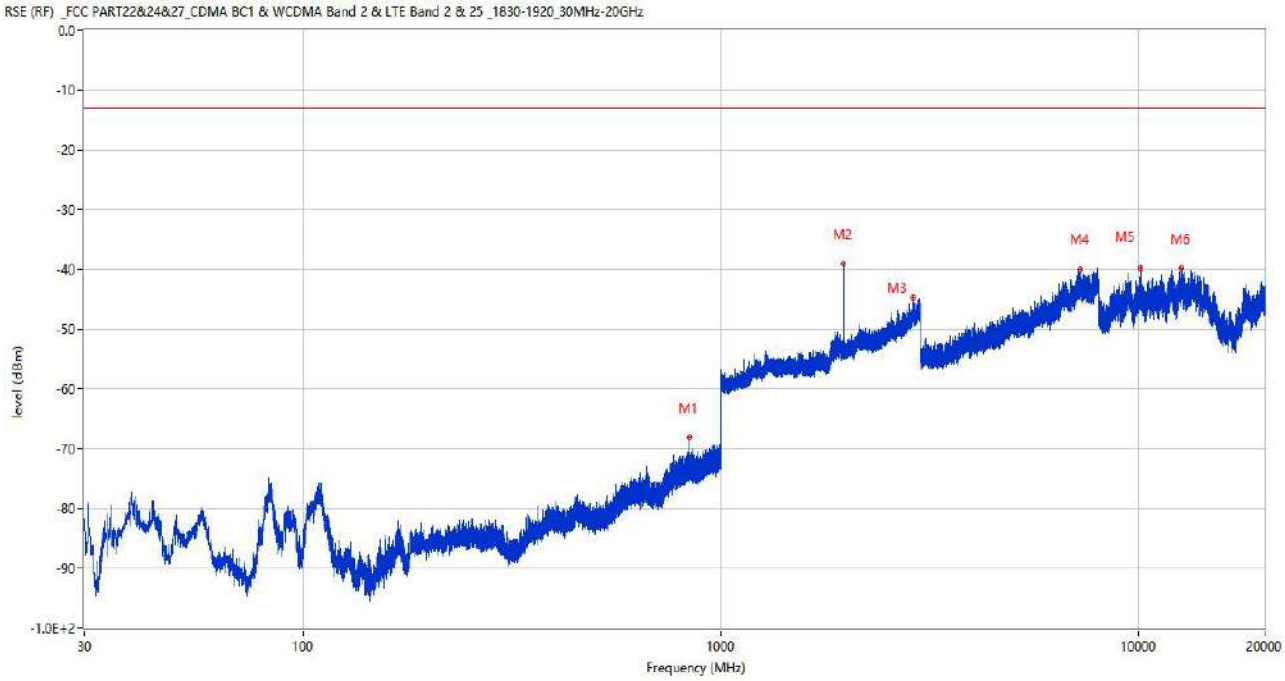
Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
840.047	-67.27	-0.13	-13.0	54.27	261.00	Horizontal	Vertical	Pass
1961.200	-28.19	1.28	-13.0	15.19	251.00	Horizontal	Vertical	N/A
2891.600	-44.25	10.34	-13.0	31.25	164.00	Horizontal	Vertical	Pass
7967.250	-39.91	15.30	-13.0	26.91	328.00	Horizontal	Vertical	Pass
12718.412	-40.38	14.84	-13.0	27.38	33.00	Horizontal	Vertical	Pass
19730.661	-42.70	12.66	-13.0	29.70	1.00	Horizontal	Vertical	Pass

Band:WCDMA B2 Channel:MID range



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
839.998	-68.18	-0.14	-13.0	55.18	13.00	Vertical	Vertical	Pass
1962.500	-41.53	1.32	-13.0	28.53	160.00	Vertical	Vertical	N/A
2819.300	-44.53	7.90	-13.0	31.53	190.00	Vertical	Vertical	Pass
7945.250	-39.64	15.04	-13.0	26.64	16.00	Vertical	Vertical	Pass
10028.013	-40.14	13.35	-13.0	27.14	65.00	Vertical	Vertical	Pass
11937.037	-39.27	13.93	-13.0	26.27	42.00	Vertical	Vertical	Pass

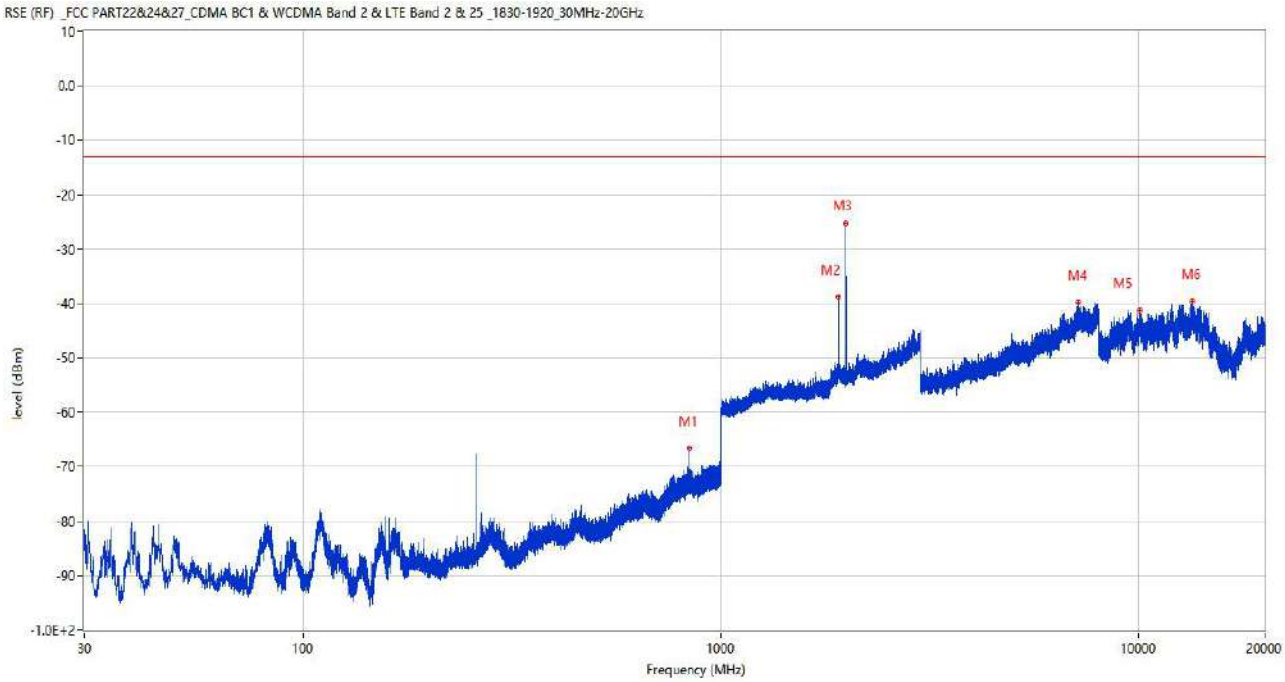
Band:WCDMA B2 Channel:MID range



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
840.047	-68.14	-0.13	-13.0	55.14	228.00	Vertical	Horizontal	Pass
1961.900	-39.07	1.52	-13.0	26.07	140.00	Vertical	Horizontal	N/A
2887.700	-44.73	10.05	-13.0	31.73	179.00	Vertical	Horizontal	Pass
7237.000	-39.98	14.35	-13.0	26.98	56.00	Vertical	Horizontal	Pass
10076.937	-39.75	13.30	-13.0	26.75	194.00	Vertical	Horizontal	Pass
12599.663	-39.88	13.99	-13.0	26.88	315.00	Vertical	Horizontal	Pass

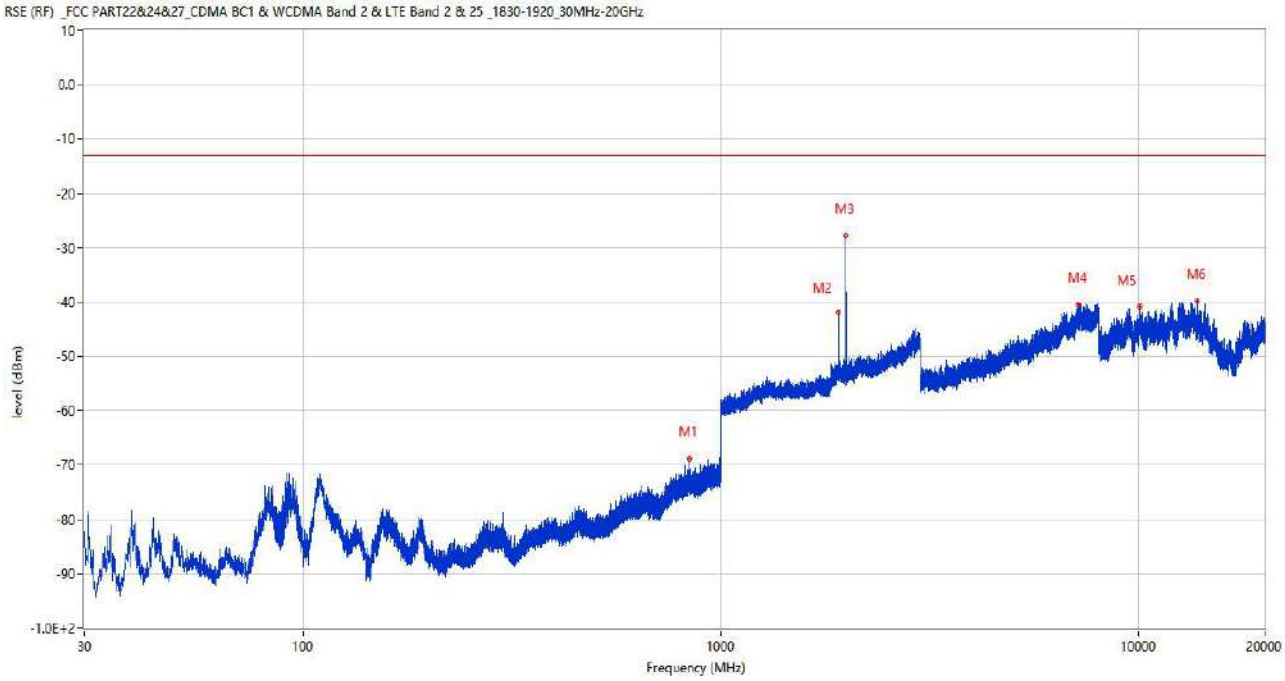
Band:WCDMA B2 Channel:HIGH

range



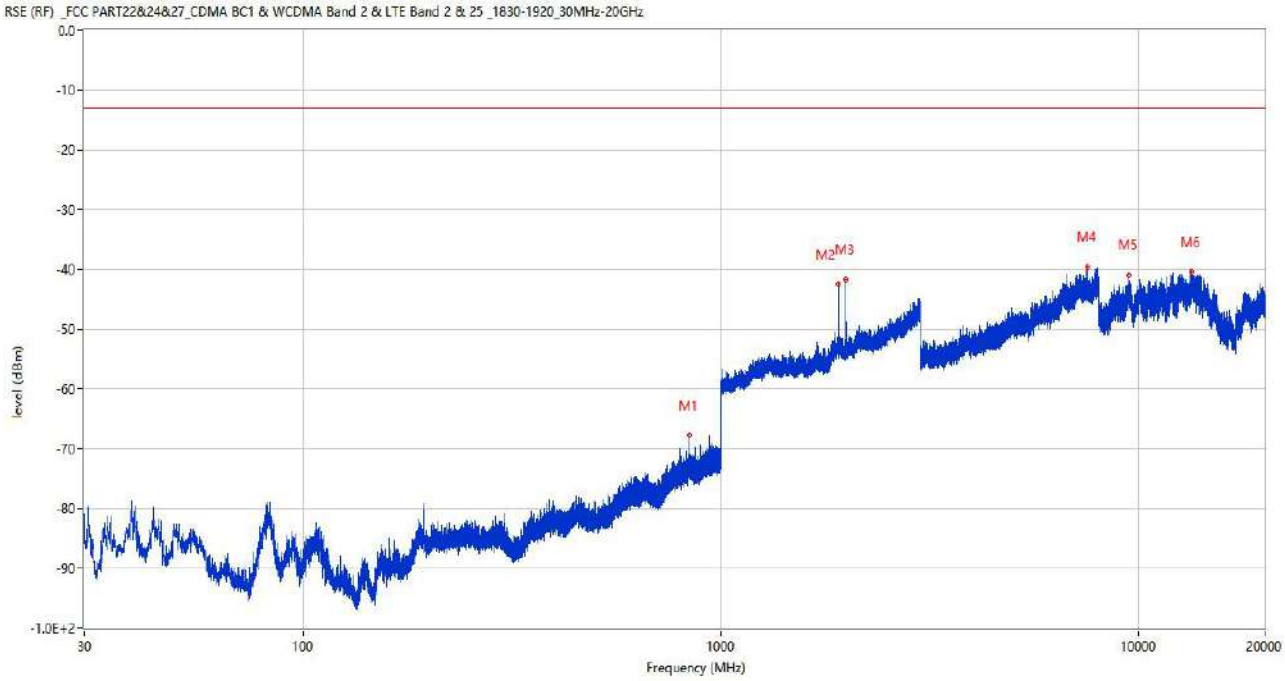
Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
839.998	-66.53	-0.14	-13.0	53.53	46.00	Horizontal	Horizontal	Pass
1907.400	-38.87	1.95	-13.0	25.87	178.00	Horizontal	Horizontal	N/A
1988.200	-25.25	0.89	-13.0	12.25	187.00	Horizontal	Horizontal	N/A
7165.250	-39.83	13.98	-13.0	26.83	160.00	Horizontal	Horizontal	Pass
10060.550	-41.22	13.83	-13.0	28.22	3.00	Horizontal	Horizontal	Pass
13382.563	-39.61	16.71	-13.0	26.61	129.00	Horizontal	Horizontal	Pass

Band:WCDMA B2 Channel:HIGH range



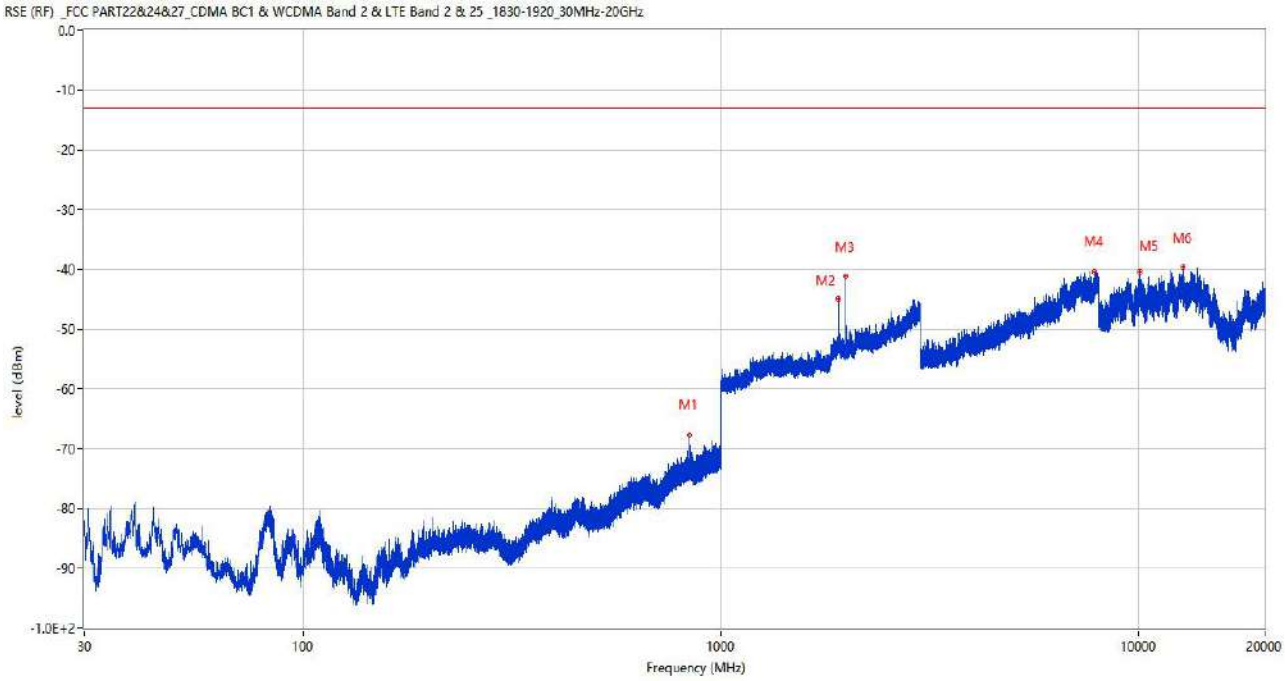
Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
839.998	-68.80	-0.14	-13.0	55.80	347.00	Horizontal	Vertical	Pass
1909.200	-41.87	1.96	-13.0	28.87	175.00	Horizontal	Vertical	N/A
1987.600	-27.85	0.96	-13.0	14.85	254.00	Horizontal	Vertical	N/A
7156.500	-40.44	13.85	-13.0	27.44	211.00	Horizontal	Vertical	Pass
10060.787	-40.92	13.82	-13.0	27.92	207.00	Horizontal	Vertical	Pass
13800.887	-39.90	17.01	-13.0	26.90	102.00	Horizontal	Vertical	Pass

Band:WCDMA B2 Channel:HIGH range



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
839.998	-67.80	-0.14	-13.0	54.80	145.00	Vertical	Vertical	Pass
1909.800	-42.37	1.96	-13.0	29.37	204.00	Vertical	Vertical	N/A
1987.500	-41.61	0.97	-13.0	28.61	125.00	Vertical	Vertical	N/A
7511.500	-39.60	13.78	-13.0	26.60	360.00	Vertical	Vertical	Pass
9449.224	-40.91	13.77	-13.0	27.91	272.00	Vertical	Vertical	Pass
13368.063	-40.44	16.74	-13.0	27.44	83.00	Vertical	Vertical	Pass

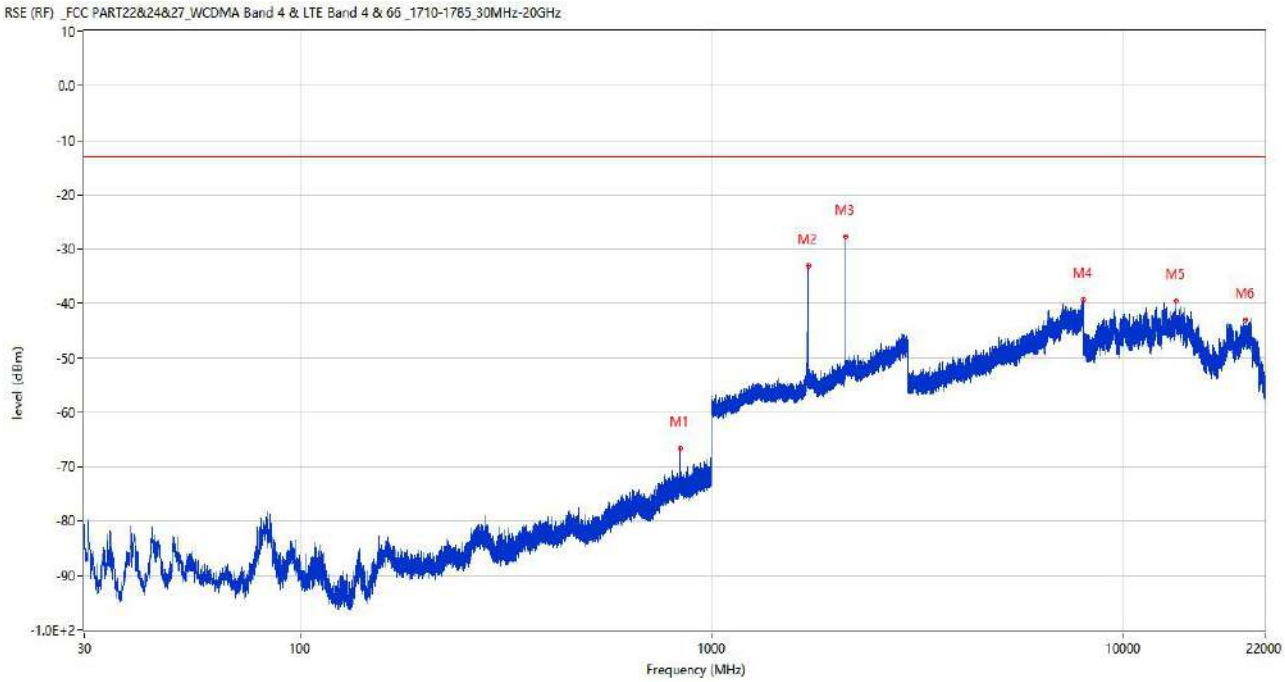
Band:WCDMA B2 Channel:HIGH range



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
839.998	-67.73	-0.14	-13.0	54.73	243.00	Vertical	Horizontal	Pass
1908.900	-44.93	1.96	-13.0	31.93	76.00	Vertical	Horizontal	N/A
1989.300	-41.19	0.92	-13.0	28.19	154.00	Vertical	Horizontal	N/A
7830.250	-40.29	14.95	-13.0	27.29	66.00	Vertical	Horizontal	Pass
10046.775	-40.42	14.05	-13.0	27.42	360.00	Vertical	Horizontal	Pass
12733.375	-39.66	14.82	-13.0	26.66	360.00	Vertical	Horizontal	Pass

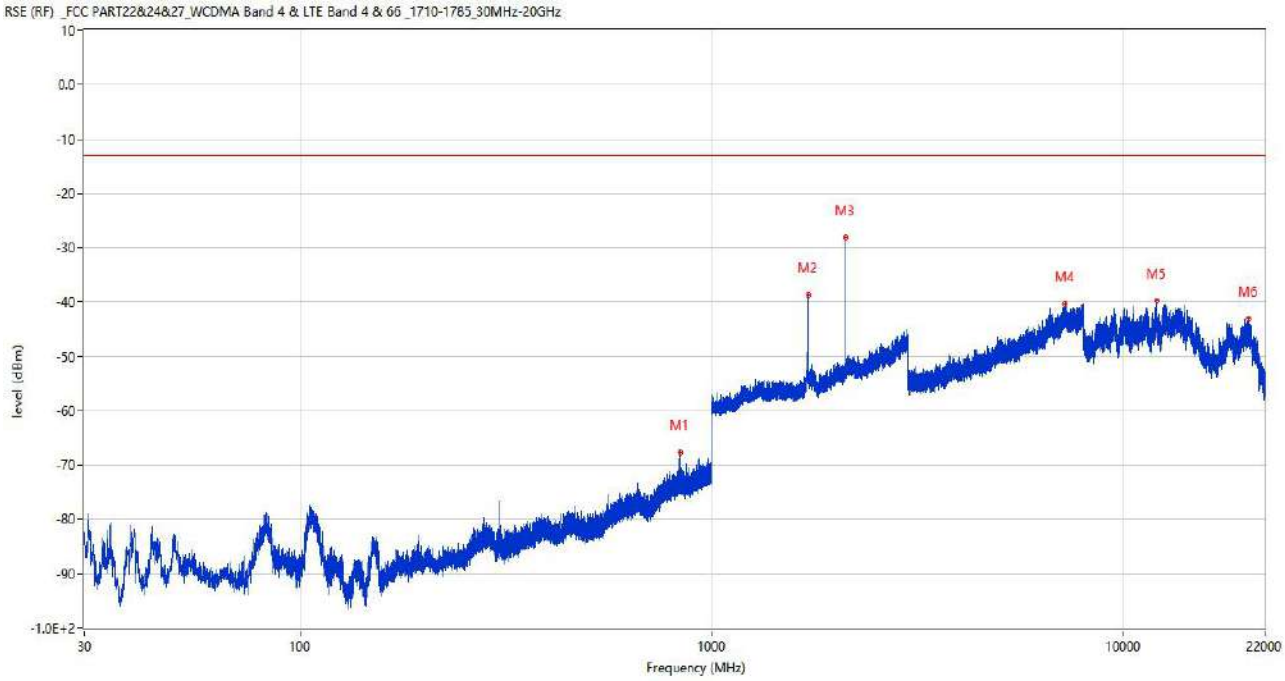
3.2 WCDMA Band 4

Band:WCDMA B4 Channel:LOW range



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
839.998	-66.70	-0.14	-13.0	53.70	344.00	Horizontal	Horizontal	Pass
1712.000	-33.03	1.37	-13.0	20.03	299.00	Horizontal	Horizontal	N/A
2114.300	-27.68	2.92	-13.0	14.68	258.00	Horizontal	Horizontal	N/A
7968.000	-39.34	15.19	-13.0	26.34	183.00	Horizontal	Horizontal	Pass
13374.838	-39.57	16.73	-13.0	26.57	0.00	Horizontal	Horizontal	Pass
19822.088	-43.02	12.68	-13.0	30.02	202.00	Horizontal	Horizontal	Pass

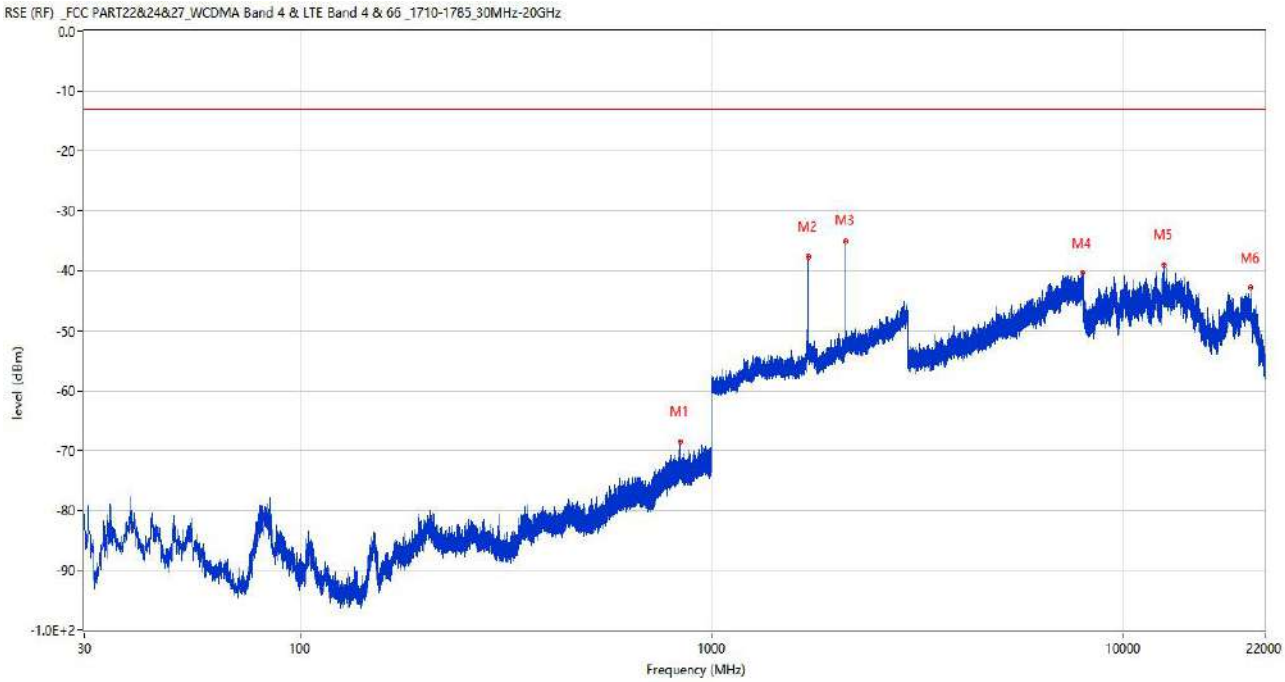
Band:WCDMA B4 Channel:LOW range



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
840.047	-67.74	-0.13	-13.0	54.74	240.00	Horizontal	Vertical	Pass
1711.900	-38.71	1.37	-13.0	25.71	173.00	Horizontal	Vertical	N/A
2112.800	-28.06	2.78	-13.0	15.06	134.00	Horizontal	Vertical	N/A
7213.000	-40.37	13.87	-13.0	27.37	360.00	Horizontal	Vertical	Pass
12006.625	-39.78	13.87	-13.0	26.78	293.00	Horizontal	Vertical	Pass
20132.887	-43.02	12.75	-13.0	30.02	360.00	Horizontal	Vertical	Pass

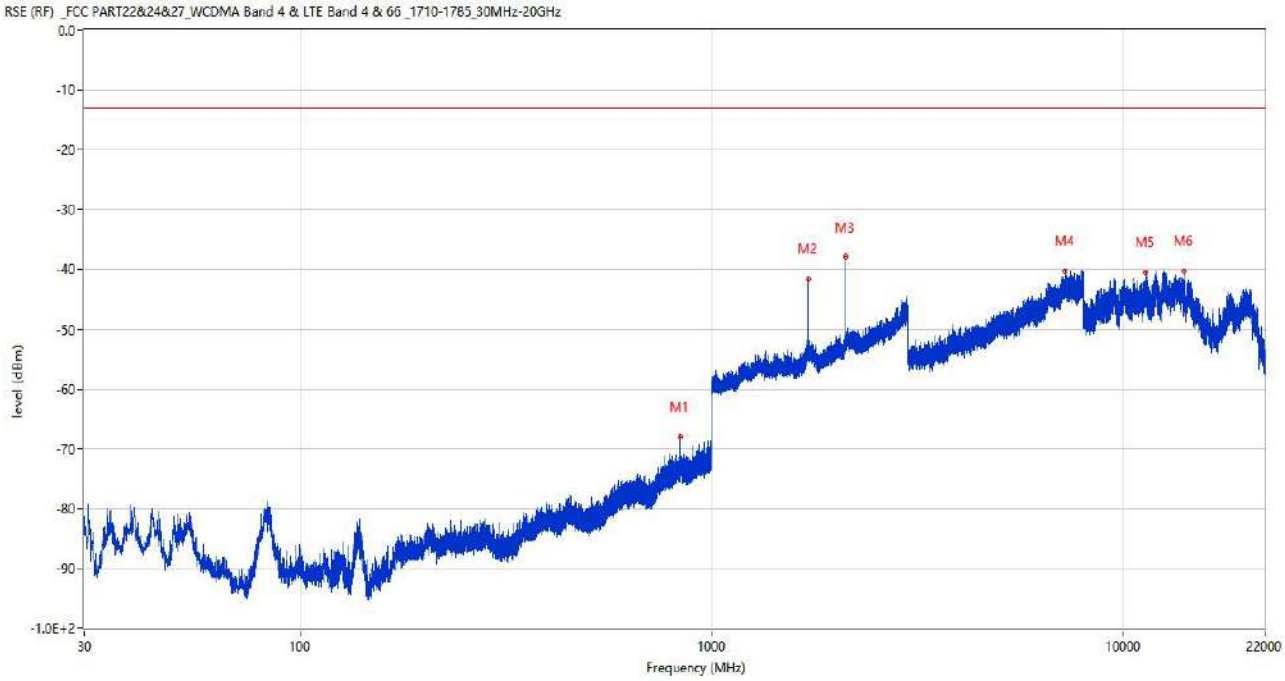
Band:WCDMA B4 Channel:LOW

range



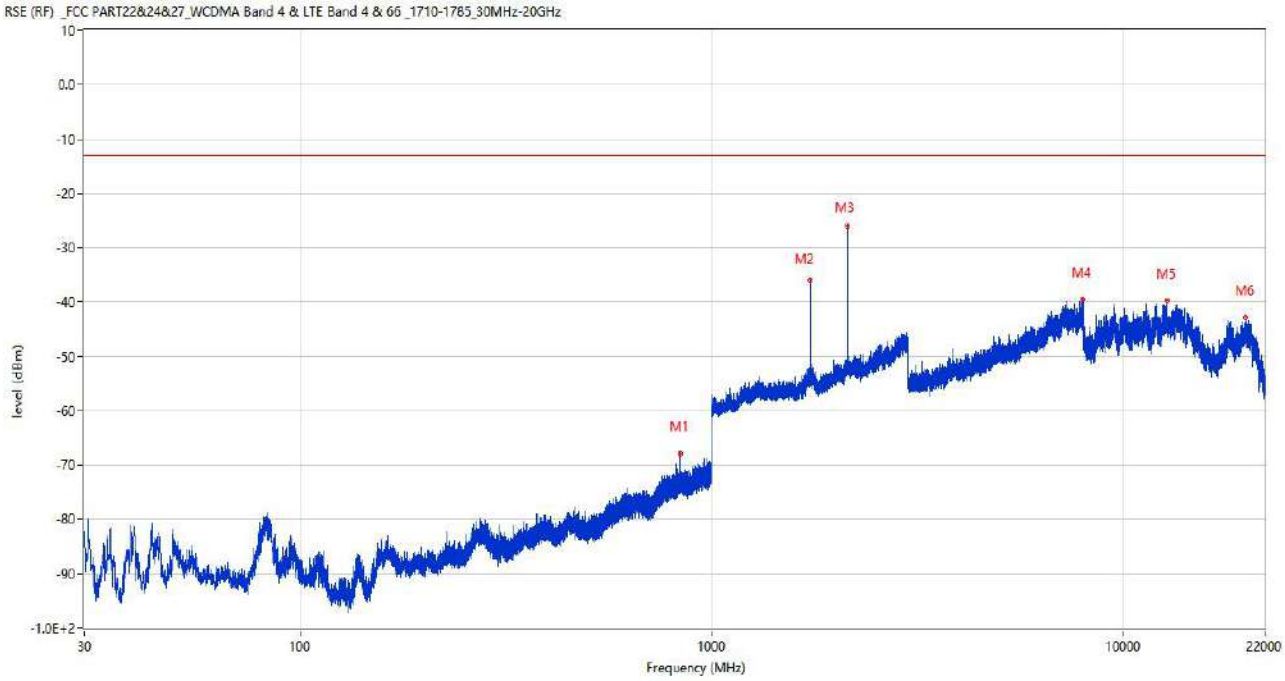
Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
839.998	-68.46	-0.14	-13.0	55.46	86.00	Vertical	Vertical	Pass
1711.800	-37.62	1.37	-13.0	24.62	261.00	Vertical	Vertical	N/A
2112.400	-35.02	2.75	-13.0	22.02	35.00	Vertical	Vertical	N/A
7949.500	-40.35	15.11	-13.0	27.35	137.00	Vertical	Vertical	Pass
12506.087	-38.96	14.48	-13.0	25.96	3.00	Vertical	Vertical	Pass
20386.802	-42.79	12.81	-13.0	29.79	360.00	Vertical	Vertical	Pass

Band:WCDMA B4 Channel:LOW range



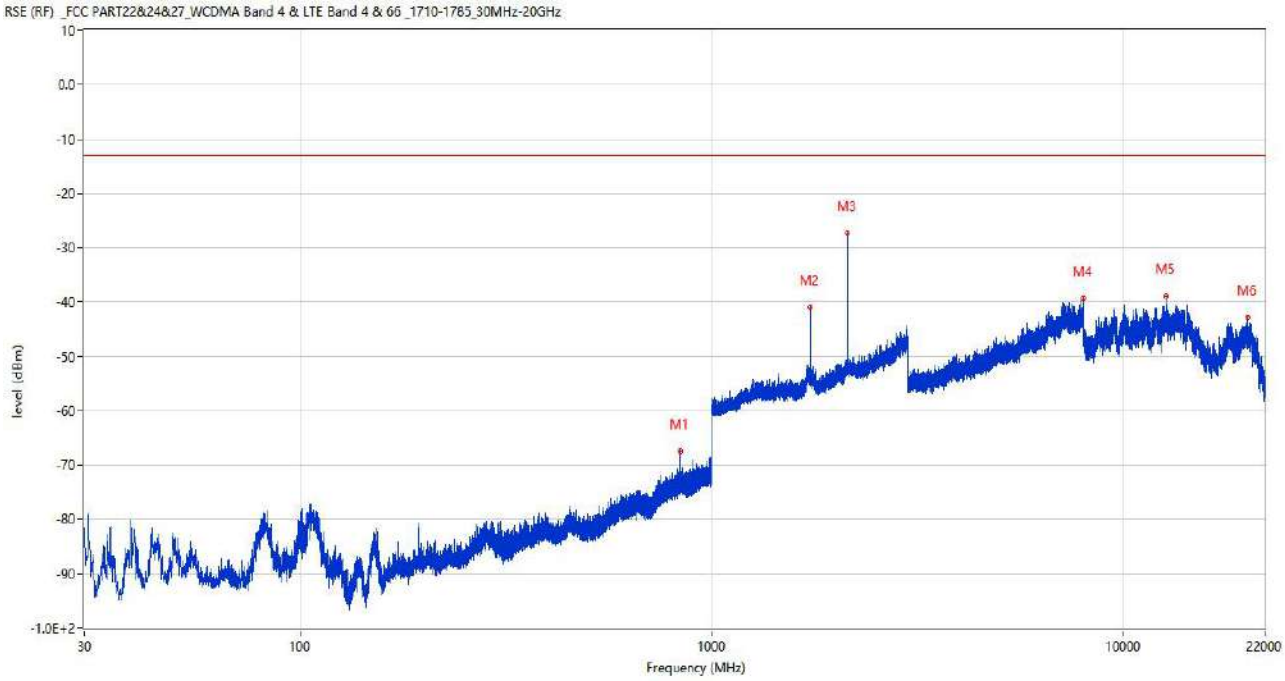
Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
839.998	-68.01	-0.14	-13.0	55.01	3.00	Vertical	Horizontal	Pass
1711.800	-41.65	1.37	-13.0	28.65	83.00	Vertical	Horizontal	N/A
2113.100	-37.92	2.81	-13.0	24.92	360.00	Vertical	Horizontal	N/A
7201.250	-40.23	14.30	-13.0	27.23	230.00	Vertical	Horizontal	Pass
11332.838	-40.45	13.36	-13.0	27.45	275.00	Vertical	Horizontal	Pass
14048.700	-40.36	17.49	-13.0	27.36	360.00	Vertical	Horizontal	Pass

Band:WCDMA B4 Channel:MID range



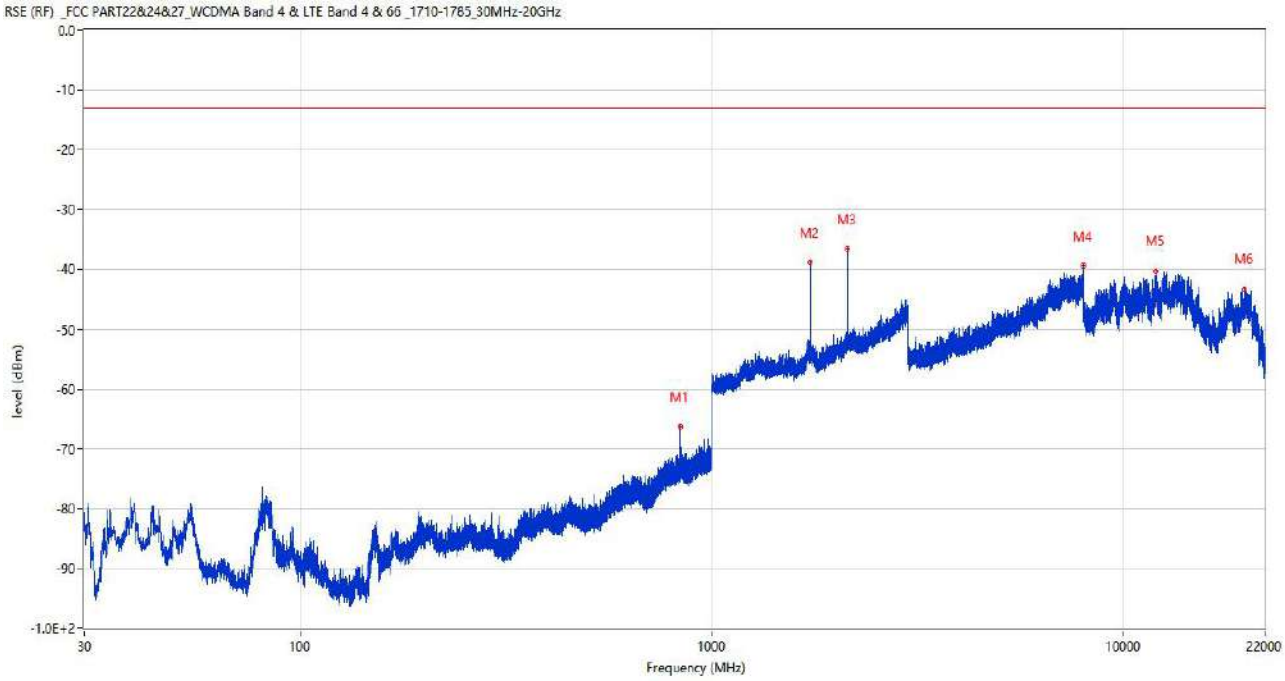
Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
839.998	-67.95	-0.14	-13.0	54.95	75.00	Horizontal	Horizontal	Pass
1732.300	-36.01	1.09	-13.0	23.01	217.00	Horizontal	Horizontal	N/A
2134.200	-26.09	3.22	-13.0	13.09	126.00	Horizontal	Horizontal	N/A
7945.750	-39.49	15.18	-13.0	26.49	213.00	Horizontal	Horizontal	Pass
12712.950	-39.77	14.85	-13.0	26.77	120.00	Horizontal	Horizontal	Pass
19805.438	-42.81	12.68	-13.0	29.81	265.00	Horizontal	Horizontal	Pass

Band:WCDMA B4 Channel:MID range



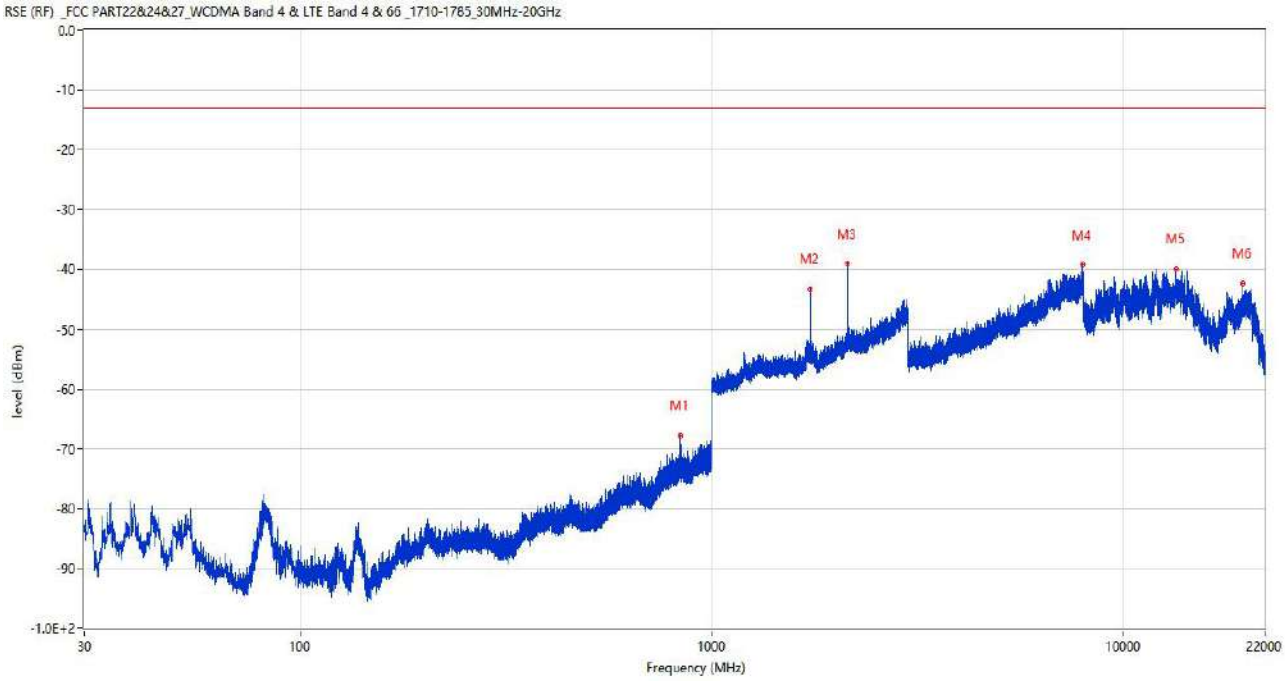
Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
839.998	-67.52	-0.14	-13.0	54.52	163.00	Horizontal	Vertical	Pass
1731.900	-40.91	1.10	-13.0	27.91	114.00	Horizontal	Vertical	N/A
2134.300	-27.23	3.24	-13.0	14.23	201.00	Horizontal	Vertical	N/A
7964.500	-39.38	15.10	-13.0	26.38	225.00	Horizontal	Vertical	Pass
12685.875	-38.98	14.66	-13.0	25.98	76.00	Horizontal	Vertical	Pass
19973.788	-42.86	12.72	-13.0	29.86	139.00	Horizontal	Vertical	Pass

Band:WCDMA B4 Channel:MID range



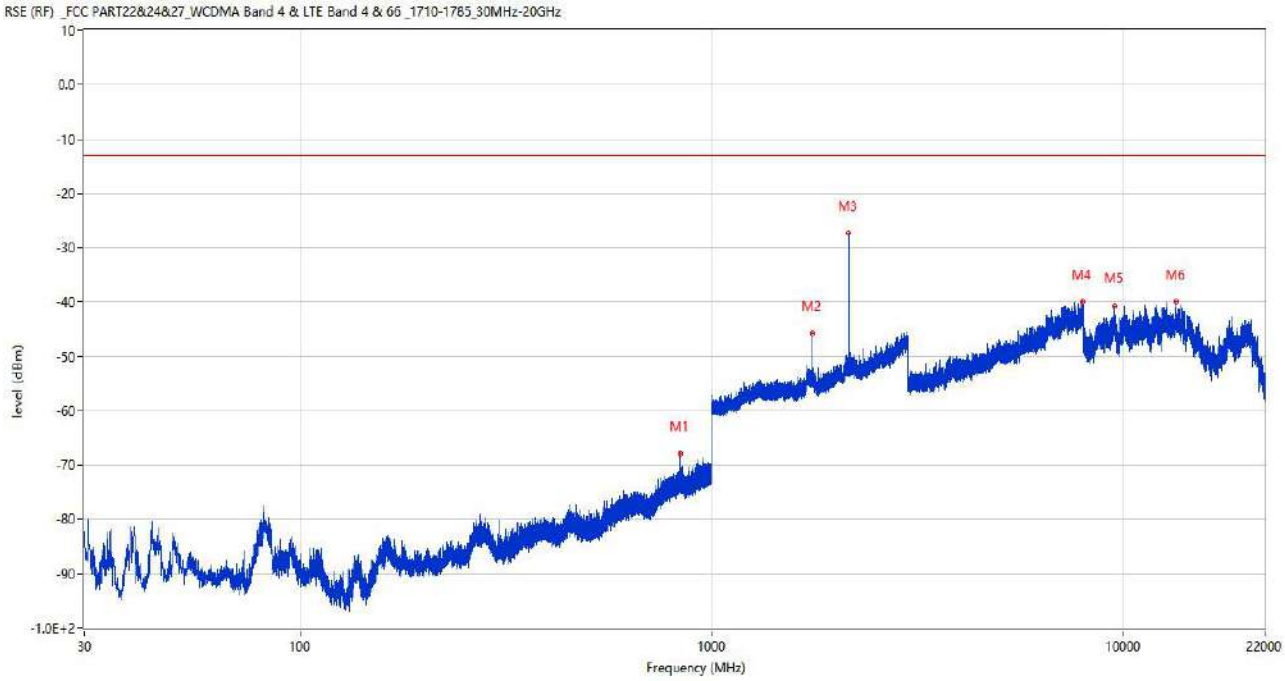
Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
839.998	-66.34	-0.14	-13.0	53.34	46.00	Vertical	Vertical	Pass
1731.700	-38.83	1.10	-13.0	25.83	254.00	Vertical	Vertical	N/A
2132.300	-36.59	3.04	-13.0	23.59	116.00	Vertical	Vertical	N/A
7973.500	-39.40	15.20	-13.0	26.40	361.00	Vertical	Vertical	Pass
11938.224	-40.23	13.94	-13.0	27.23	210.00	Vertical	Vertical	Pass
19690.275	-43.32	12.65	-13.0	30.32	24.00	Vertical	Vertical	Pass

Band:WCDMA B4 Channel:MID range



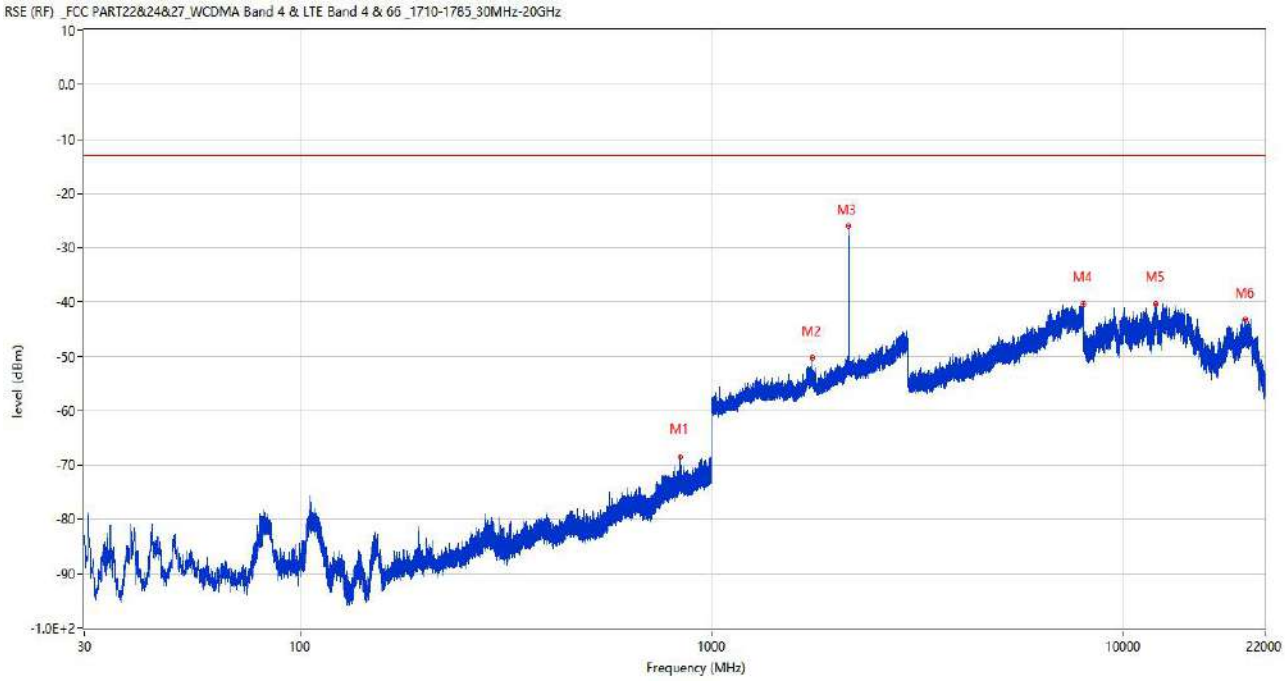
Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
839.998	-67.73	-0.14	-13.0	54.73	348.00	Vertical	Horizontal	Pass
1732.000	-43.23	1.09	-13.0	30.23	65.00	Vertical	Horizontal	N/A
2132.300	-39.07	3.04	-13.0	26.07	360.00	Vertical	Horizontal	N/A
7948.500	-39.22	15.09	-13.0	26.22	32.00	Vertical	Horizontal	Pass
13388.713	-39.86	16.70	-13.0	26.86	97.00	Vertical	Horizontal	Pass
19416.011	-42.37	12.59	-13.0	29.37	2.00	Vertical	Horizontal	Pass

Band:WCDMA B4 Channel:HIGH range



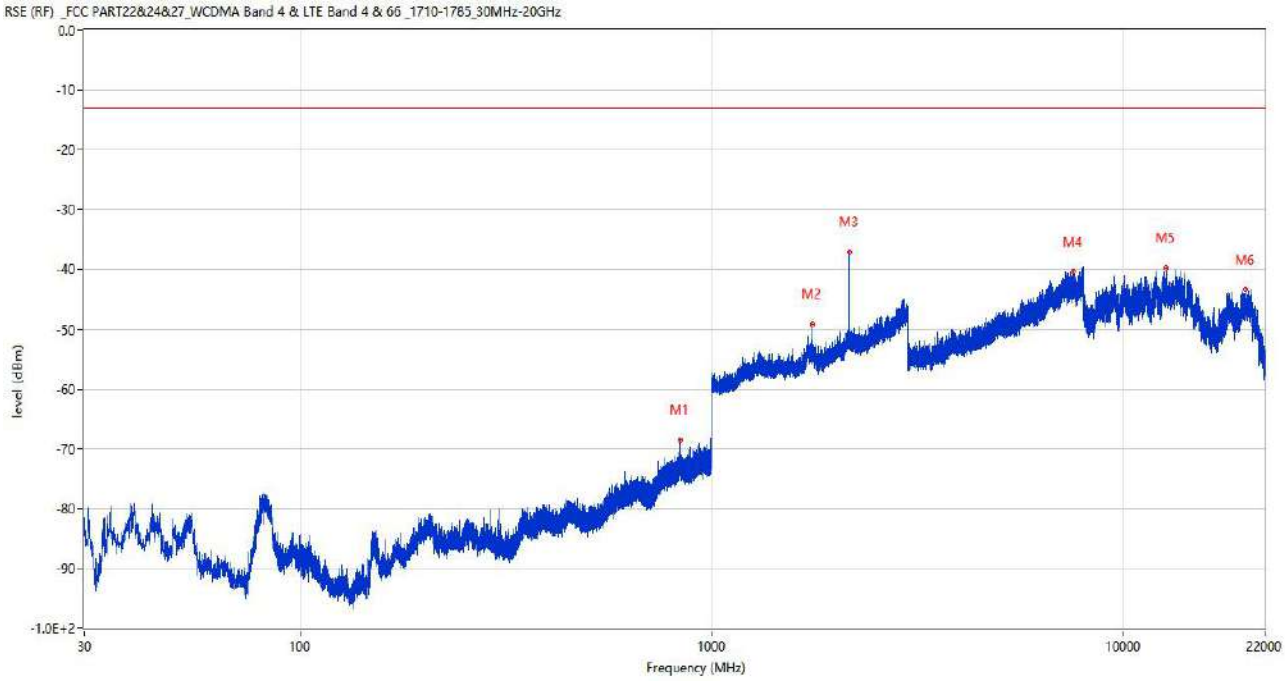
Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
839.950	-67.83	-0.14	-13.0	54.83	39.00	Horizontal	Horizontal	Pass
1753.900	-45.71	0.82	-13.0	32.71	196.00	Horizontal	Horizontal	N/A
2153.000	-27.25	3.07	-13.0	14.25	262.00	Horizontal	Horizontal	N/A
7949.250	-40.00	15.10	-13.0	27.00	0.00	Horizontal	Horizontal	Pass
9488.650	-40.66	12.96	-13.0	27.66	20.00	Horizontal	Horizontal	Pass
13424.326	-40.00	16.50	-13.0	27.00	63.00	Horizontal	Horizontal	Pass

Band:WCDMA B4 Channel:HIGH range



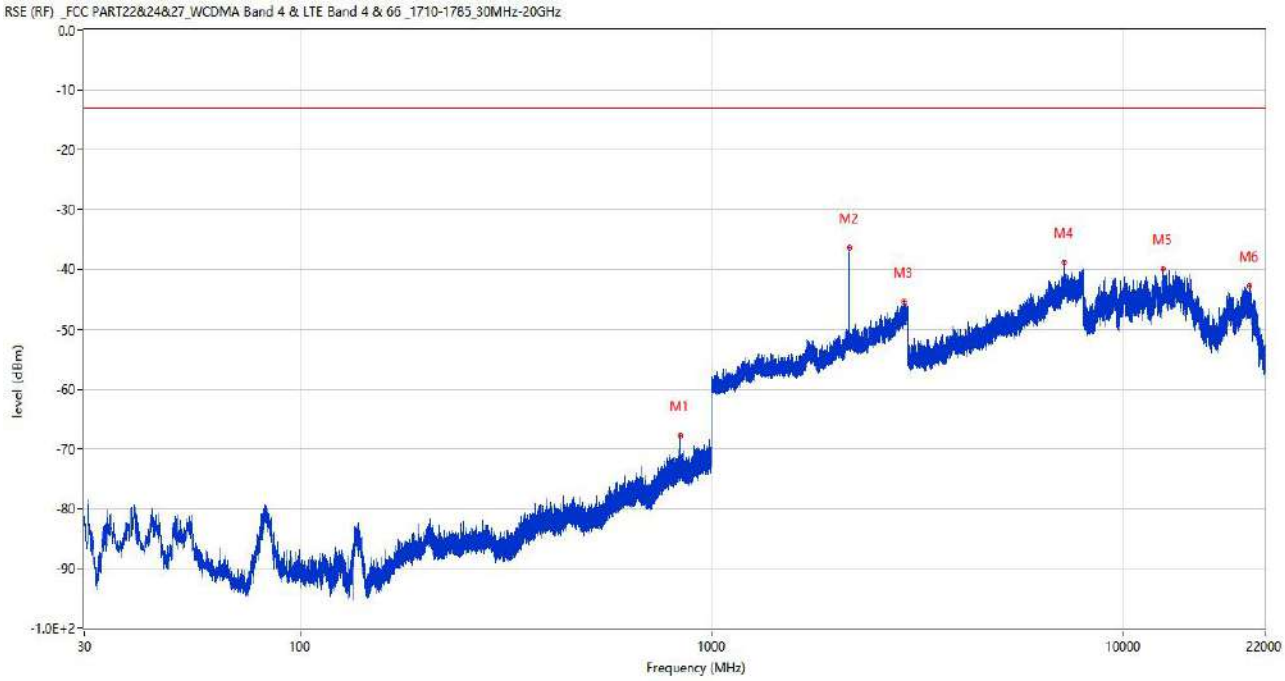
Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
839.998	-68.43	-0.14	-13.0	55.43	59.00	Horizontal	Vertical	Pass
1753.400	-50.35	0.82	-13.0	37.35	179.00	Horizontal	Vertical	N/A
2152.500	-26.09	2.93	-13.0	13.09	208.00	Horizontal	Vertical	N/A
7972.500	-40.43	15.15	-13.0	27.43	296.00	Horizontal	Vertical	Pass
11992.612	-40.30	14.01	-13.0	27.30	360.00	Horizontal	Vertical	Pass
19809.137	-43.27	12.68	-13.0	30.27	360.00	Horizontal	Vertical	Pass

Band:WCDMA B4 Channel:HIGH range



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
839.998	-68.54	-0.14	-13.0	55.54	96.00	Vertical	Vertical	Pass
1753.300	-49.08	0.83	-13.0	36.08	235.00	Vertical	Vertical	N/A
2153.700	-37.02	3.02	-13.0	24.02	360.00	Vertical	Vertical	N/A
7552.500	-40.37	13.48	-13.0	27.37	321.00	Vertical	Vertical	Pass
12689.438	-39.69	14.71	-13.0	26.69	31.00	Vertical	Vertical	Pass
19754.562	-43.40	12.67	-13.0	30.40	0.00	Vertical	Vertical	Pass

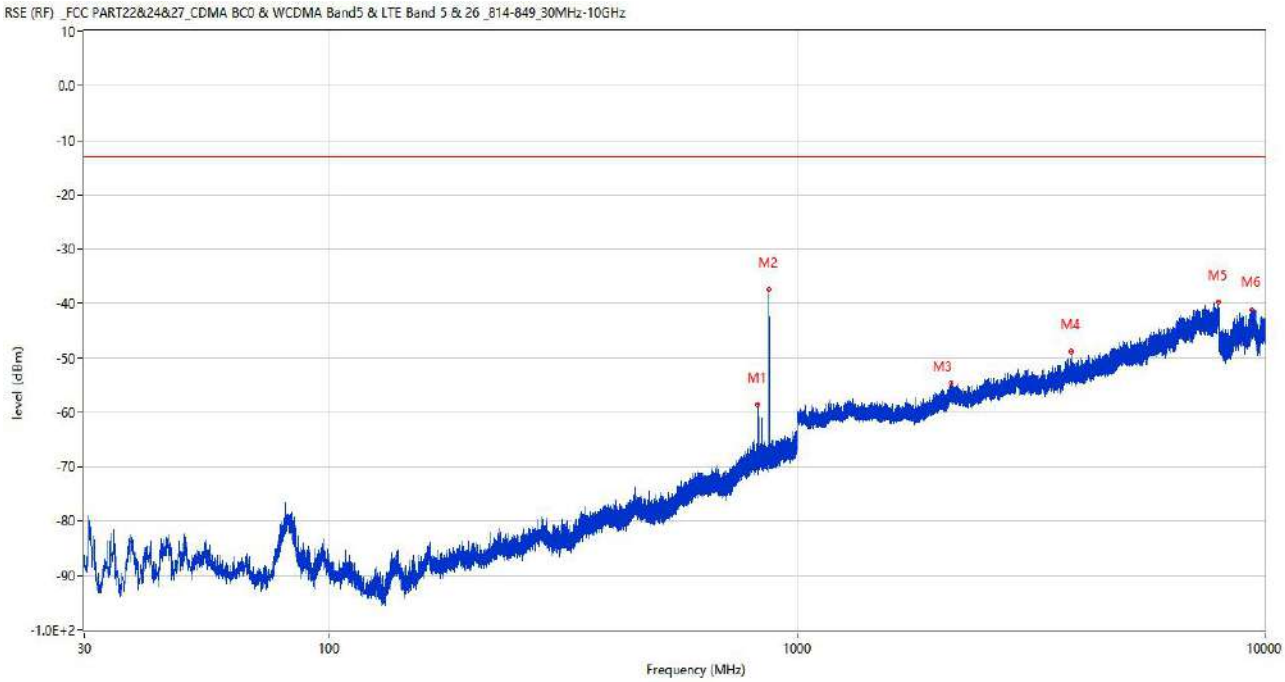
Band:WCDMA B4 Channel:HIGH range



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
839.998	-67.84	-0.14	-13.0	54.84	1.00	Vertical	Horizontal	Pass
2154.400	-36.43	3.01	-13.0	23.43	360.00	Vertical	Horizontal	N/A
2933.400	-45.47	8.95	-13.0	32.47	1.00	Vertical	Horizontal	Pass
7175.750	-38.81	14.11	-13.0	25.81	50.00	Vertical	Horizontal	Pass
12474.974	-39.99	14.28	-13.0	26.99	360.00	Vertical	Horizontal	Pass
20231.862	-42.82	12.78	-13.0	29.82	360.00	Vertical	Horizontal	Pass

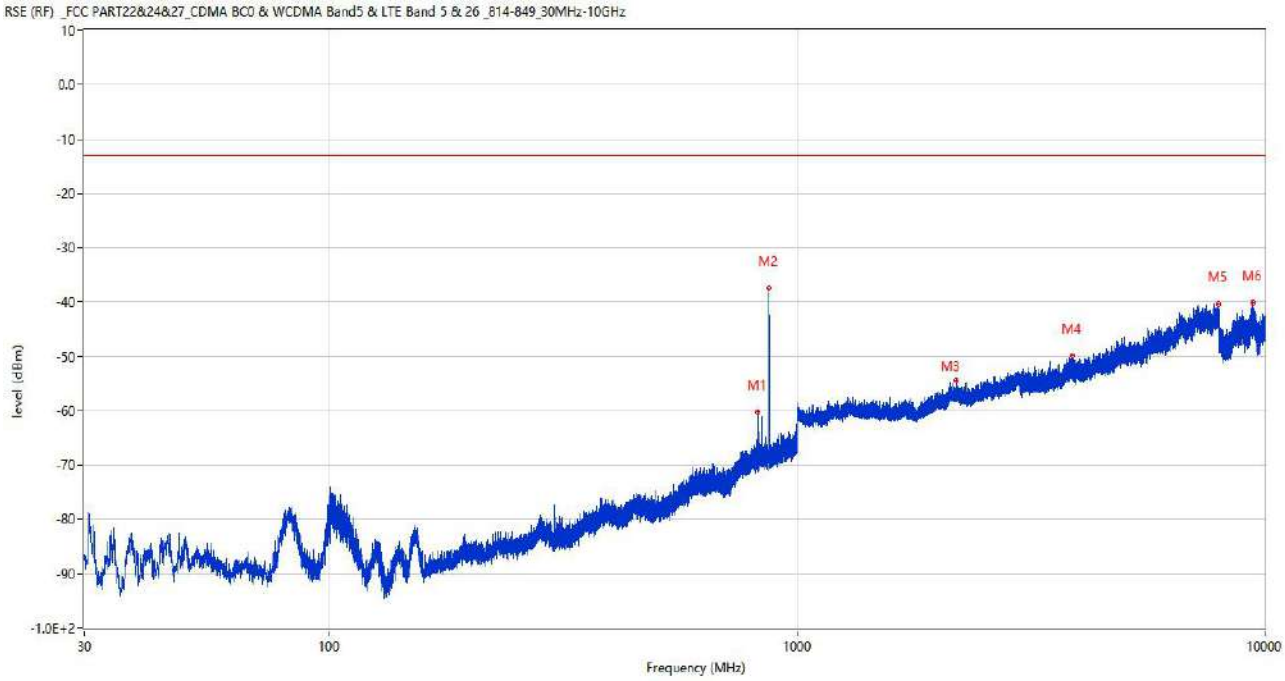
3.3 WCDMA Band 5

Band:WCDMA B5 Channel:LOW range



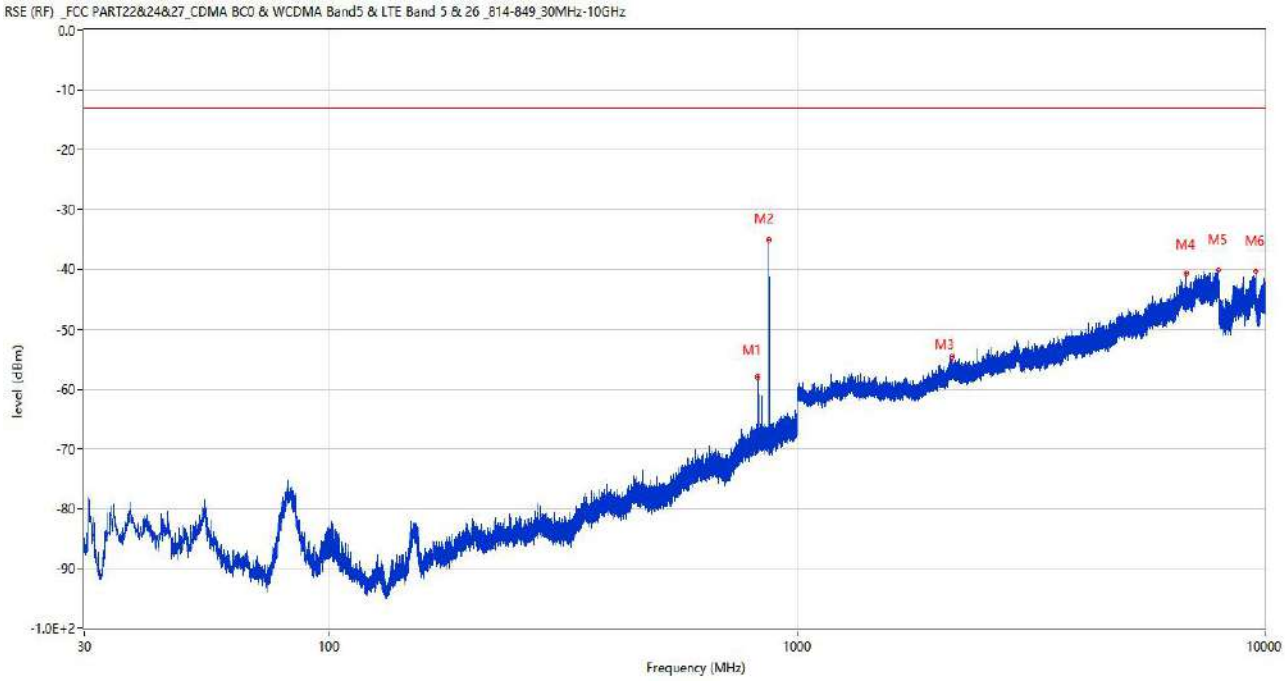
Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
825.497	-58.66	4.47	-13.0	45.66	241.00	Horizontal	Horizontal	N/A
872.009	-37.38	4.30	-13.0	24.38	261.00	Horizontal	Horizontal	N/A
2138.300	-54.54	-2.13	-13.0	41.54	360.00	Horizontal	Horizontal	Pass
3863.250	-48.91	7.14	-13.0	35.91	128.00	Horizontal	Horizontal	Pass
7967.750	-39.66	15.21	-13.0	26.66	81.00	Horizontal	Horizontal	Pass
9393.100	-41.07	13.44	-13.0	28.07	3.00	Horizontal	Horizontal	Pass

Band:WCDMA B5 Channel:LOW range



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
825.982	-60.13	4.49	-13.0	47.13	212.00	Horizontal	Vertical	N/A
869.923	-37.50	4.38	-13.0	24.50	232.00	Horizontal	Vertical	N/A
2187.000	-54.46	-2.12	-13.0	41.46	360.00	Horizontal	Vertical	Pass
3872.750	-49.85	7.09	-13.0	36.85	292.00	Horizontal	Vertical	Pass
7964.000	-40.27	15.11	-13.0	27.27	258.00	Horizontal	Vertical	Pass
9440.800	-40.20	13.70	-13.0	27.20	360.00	Horizontal	Vertical	Pass

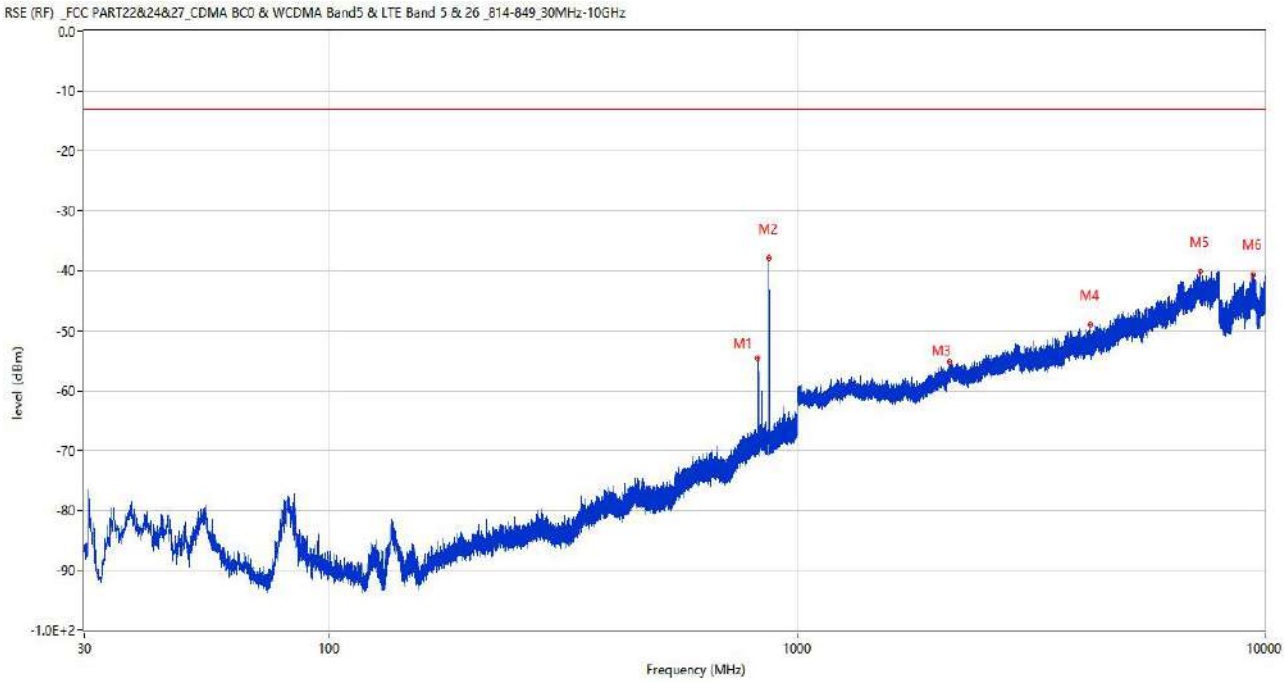
Band:WCDMA B5 Channel:LOW range



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
825.400	-58.01	4.46	-13.0	45.01	196.00	Vertical	Vertical	N/A
871.572	-35.00	4.34	-13.0	22.00	136.00	Vertical	Vertical	N/A
2146.000	-54.61	-1.92	-13.0	41.61	213.00	Vertical	Vertical	Pass
6806.500	-40.77	12.03	-13.0	27.77	170.00	Vertical	Vertical	Pass
7958.000	-40.07	14.94	-13.0	27.07	265.00	Vertical	Vertical	Pass
9561.900	-40.24	12.90	-13.0	27.24	292.00	Vertical	Vertical	Pass

Band:WCDMA B5 Channel:LOW

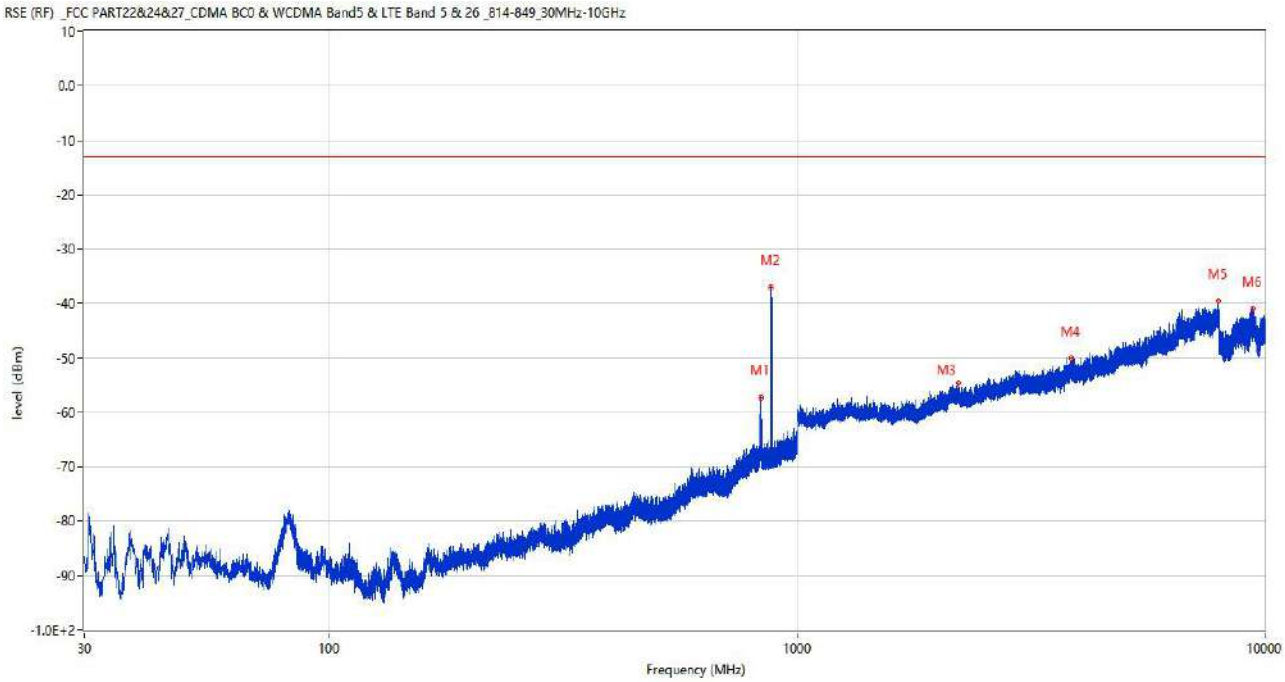
range



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
825.788	-54.60	4.48	-13.0	41.60	152.00	Vertical	Horizontal	N/A
871.960	-37.94	4.31	-13.0	24.94	126.00	Vertical	Horizontal	N/A
2115.900	-55.13	-2.44	-13.0	42.13	204.00	Vertical	Horizontal	Pass
4229.000	-49.02	6.29	-13.0	36.02	254.00	Vertical	Horizontal	Pass
7280.250	-40.16	14.29	-13.0	27.16	121.00	Vertical	Horizontal	Pass
9441.599	-40.60	13.71	-13.0	27.60	8.00	Vertical	Horizontal	Pass

Band:WCDMA B5 Channel:MID

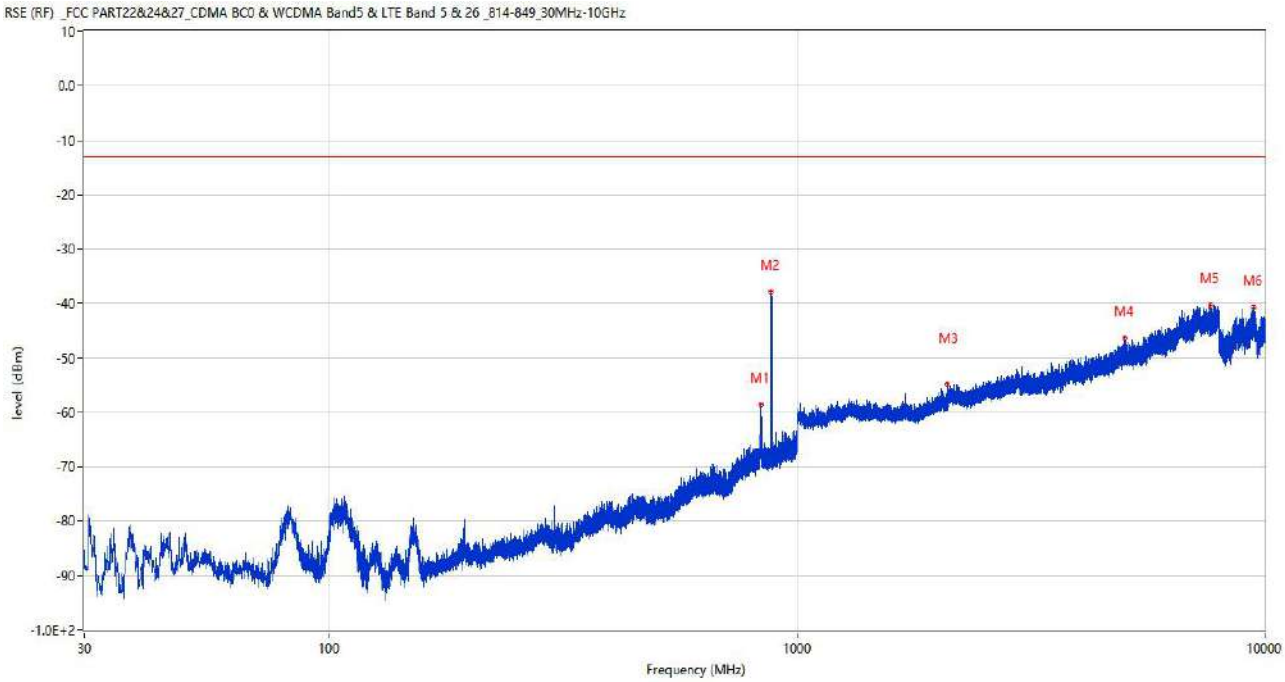
range



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
837.185	-57.24	4.92	-13.0	44.24	59.00	Horizontal	Horizontal	N/A
880.156	-37.07	4.15	-13.0	24.07	245.00	Horizontal	Horizontal	N/A
2218.400	-54.64	-2.18	-13.0	41.64	272.00	Horizontal	Horizontal	Pass
3855.500	-50.03	7.15	-13.0	37.03	21.00	Horizontal	Horizontal	Pass
7960.000	-39.55	15.09	-13.0	26.55	81.00	Horizontal	Horizontal	Pass
9440.900	-40.91	13.71	-13.0	27.91	3.00	Horizontal	Horizontal	Pass

Band:WCDMA B5 Channel:MID

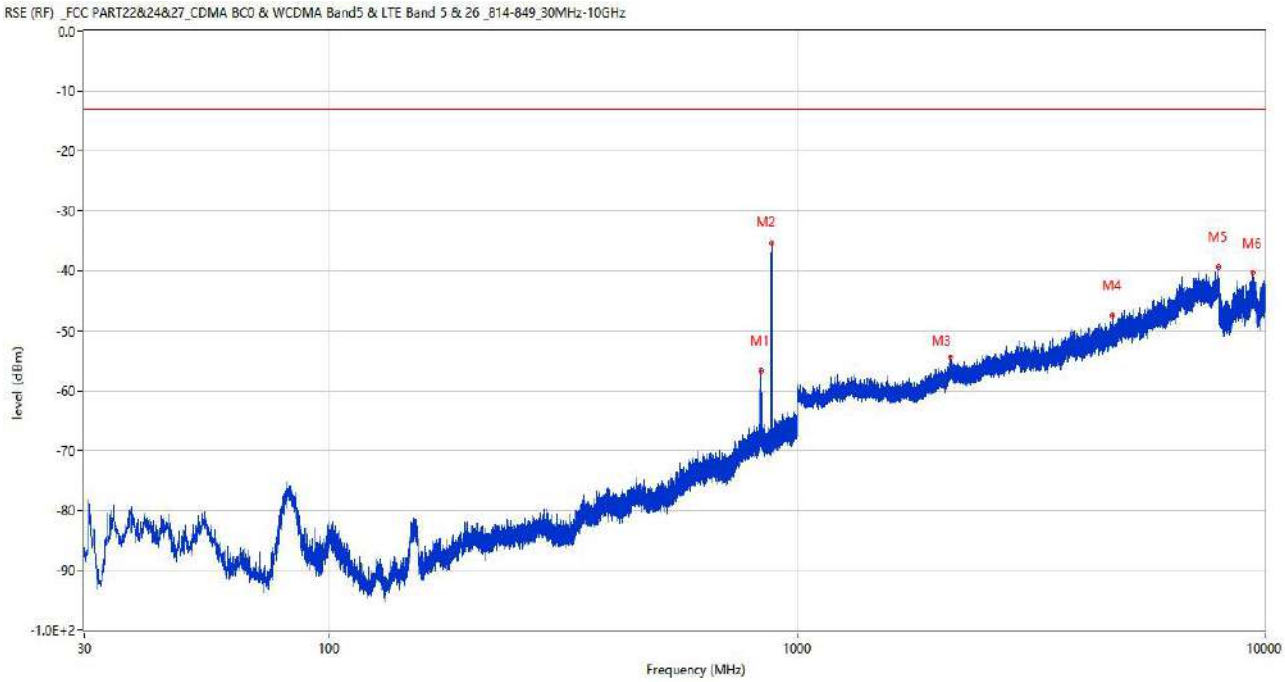
range



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
836.119	-58.54	4.88	-13.0	45.54	208.00	Horizontal	Vertical	N/A
879.914	-37.92	4.12	-13.0	24.92	233.00	Horizontal	Vertical	N/A
2097.000	-54.82	-2.66	-13.0	41.82	306.00	Horizontal	Vertical	Pass
5026.000	-46.41	8.93	-13.0	33.41	306.00	Horizontal	Vertical	Pass
7637.750	-40.27	13.49	-13.0	27.27	212.00	Horizontal	Vertical	Pass
9460.799	-40.72	13.55	-13.0	27.72	169.00	Horizontal	Vertical	Pass

Band:WCDMA B5 Channel:MID

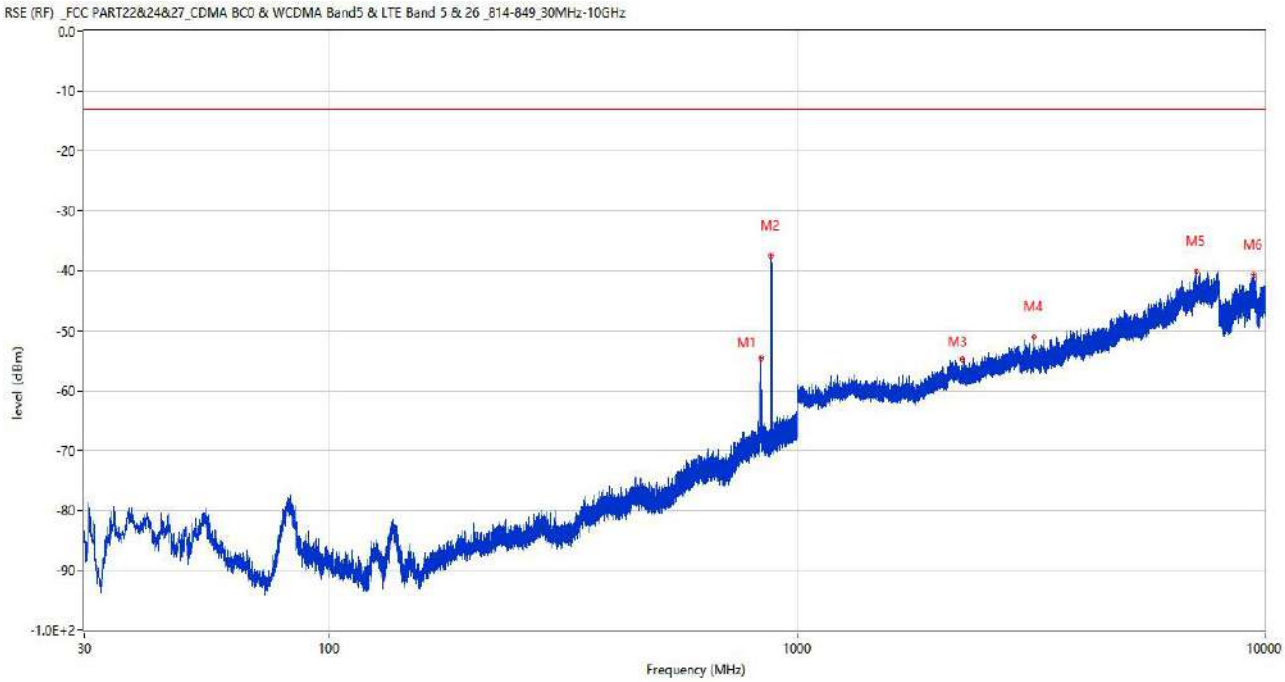
range



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
835.924	-56.62	4.87	-13.0	43.62	207.00	Vertical	Vertical	N/A
882.727	-35.43	4.34	-13.0	22.43	106.00	Vertical	Vertical	N/A
2129.600	-54.52	-2.02	-13.0	41.52	111.00	Vertical	Vertical	Pass
4736.500	-47.51	7.56	-13.0	34.51	108.00	Vertical	Vertical	Pass
7974.500	-39.31	15.24	-13.0	26.31	357.00	Vertical	Vertical	Pass
9438.099	-40.36	13.68	-13.0	27.36	292.00	Vertical	Vertical	Pass

Band:WCDMA B5 Channel:MID

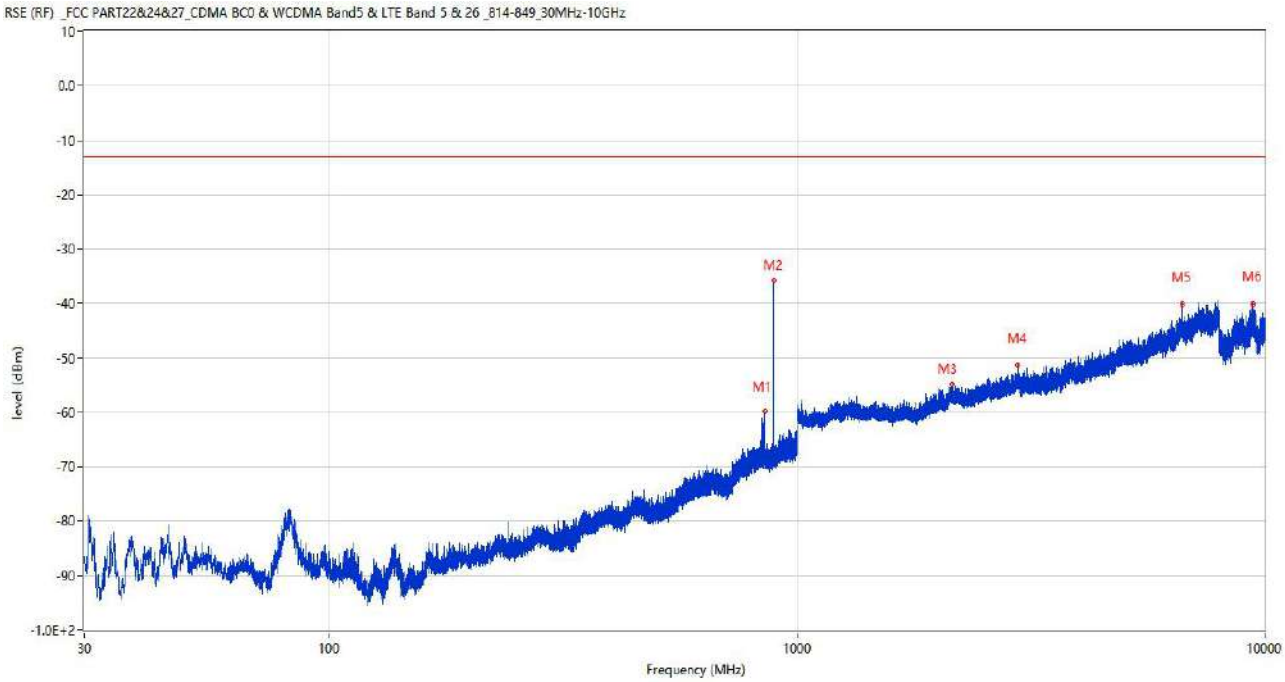
range



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
836.652	-54.59	4.90	-13.0	41.59	170.00	Vertical	Horizontal	N/A
879.526	-37.46	4.13	-13.0	24.46	136.00	Vertical	Horizontal	N/A
2260.800	-54.76	-2.47	-13.0	41.76	26.00	Vertical	Horizontal	Pass
3218.500	-50.98	3.94	-13.0	37.98	175.00	Vertical	Horizontal	Pass
7143.500	-40.05	13.77	-13.0	27.05	360.00	Vertical	Horizontal	Pass
9451.300	-40.68	13.75	-13.0	27.68	162.00	Vertical	Horizontal	Pass

Band:WCDMA B5 Channel:HIGH

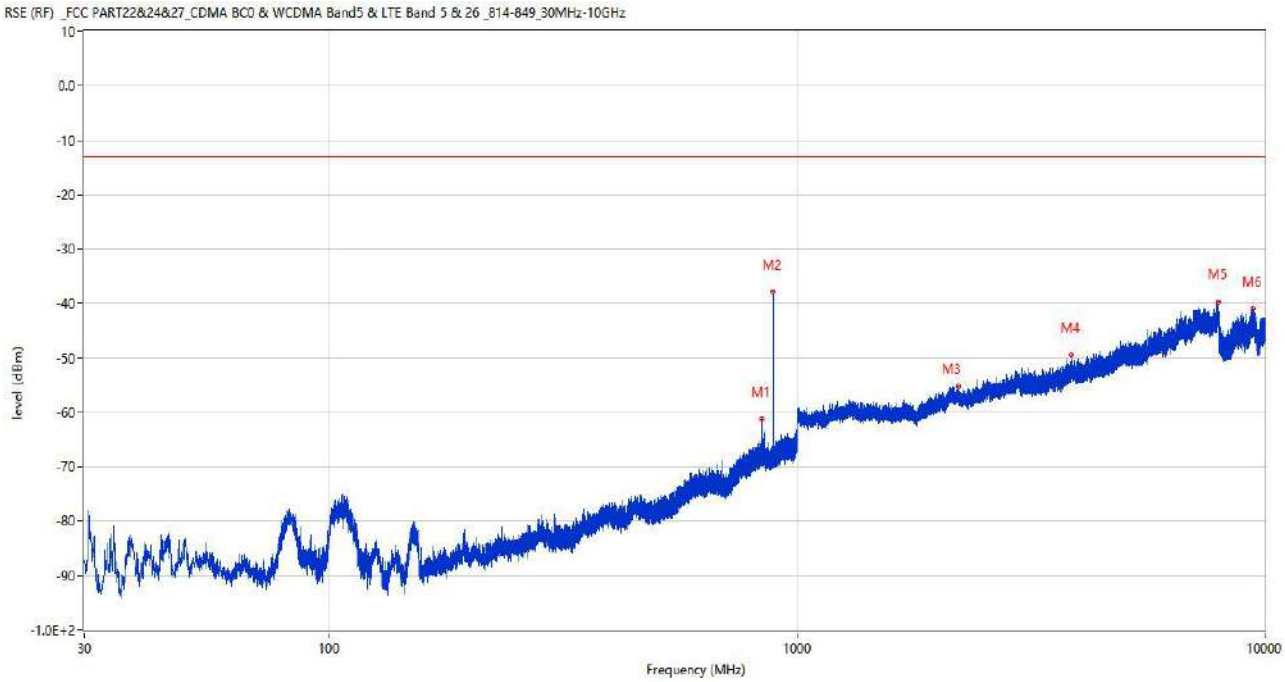
range



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
853.190	-59.88	4.52	-13.0	46.88	74.00	Horizontal	Horizontal	N/A
890.875	-35.88	4.69	-13.0	22.88	243.00	Horizontal	Horizontal	N/A
2144.300	-54.82	-1.95	-13.0	41.82	154.00	Horizontal	Horizontal	Pass
2970.200	-51.41	2.67	-13.0	38.41	82.00	Horizontal	Horizontal	Pass
6655.750	-40.23	12.90	-13.0	27.23	297.00	Horizontal	Horizontal	Pass
9444.700	-40.05	13.74	-13.0	27.05	344.00	Horizontal	Horizontal	Pass

Band:WCDMA B5 Channel:HIGH

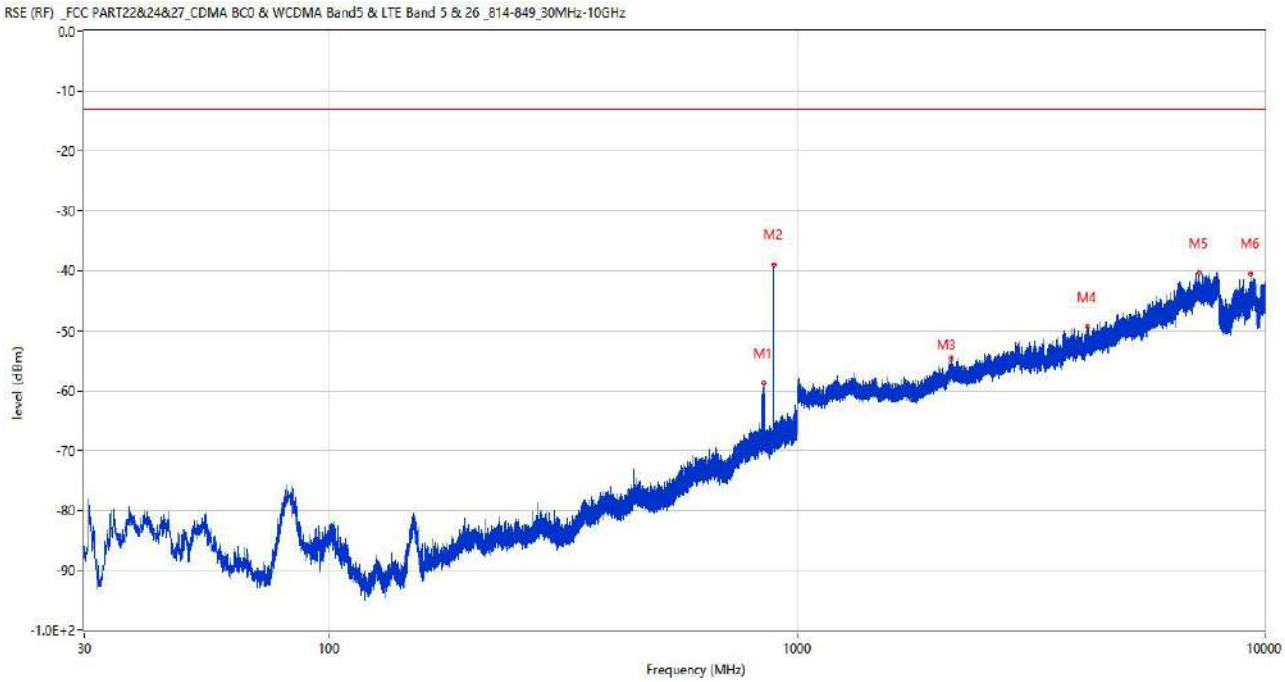
range



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
840.047	-61.26	5.03	-13.0	48.26	297.00	Horizontal	Vertical	N/A
890.487	-37.89	4.65	-13.0	24.89	252.00	Horizontal	Vertical	N/A
2218.400	-55.19	-2.18	-13.0	42.19	0.00	Horizontal	Vertical	Pass
3858.000	-49.50	7.17	-13.0	36.50	229.00	Horizontal	Vertical	Pass
7966.750	-39.62	15.25	-13.0	26.62	117.00	Horizontal	Vertical	Pass
9440.300	-40.90	13.70	-13.0	27.90	72.00	Horizontal	Vertical	Pass

Band:WCDMA B5 Channel:HIGH

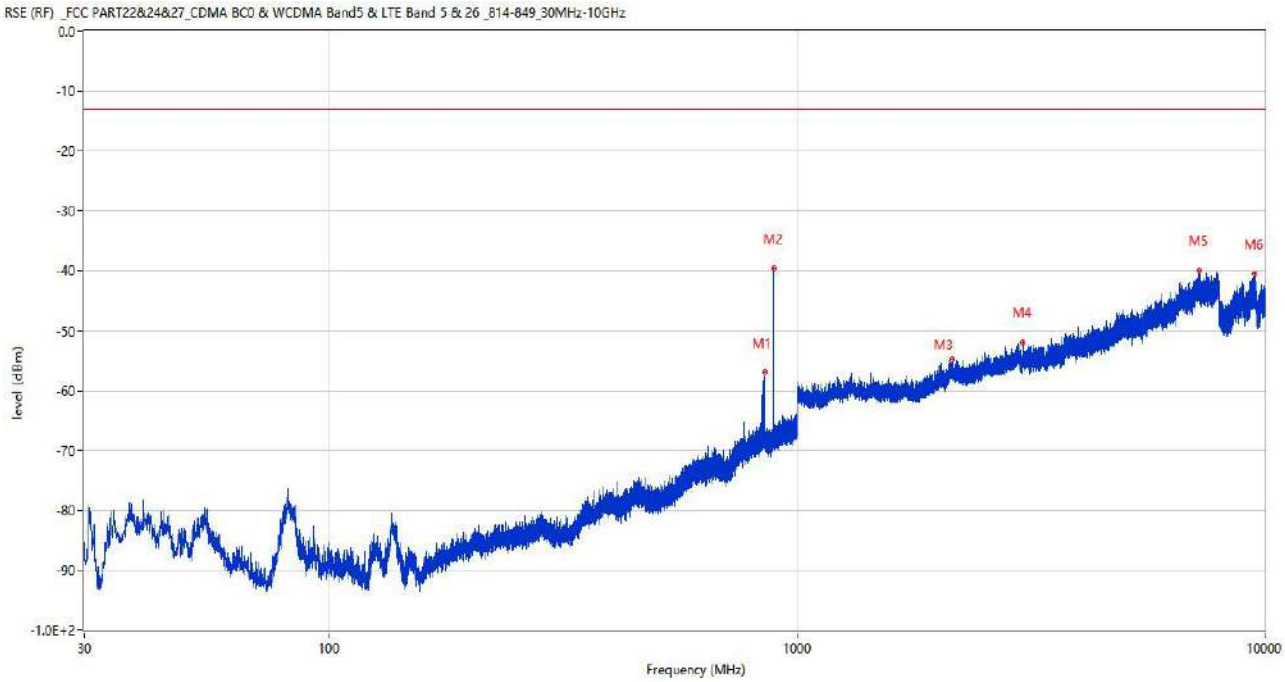
range



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
847.807	-58.81	4.73	-13.0	45.81	196.00	Vertical	Vertical	N/A
892.621	-38.96	4.72	-13.0	25.96	124.00	Vertical	Vertical	N/A
2140.300	-54.64	-2.18	-13.0	41.64	5.00	Vertical	Vertical	Pass
4180.500	-49.35	6.87	-13.0	36.35	0.00	Vertical	Vertical	Pass
7234.500	-40.39	14.41	-13.0	27.39	279.00	Vertical	Vertical	Pass
9316.000	-40.49	14.26	-13.0	27.49	27.00	Vertical	Vertical	Pass

Band:WCDMA B5 Channel:HIGH

range

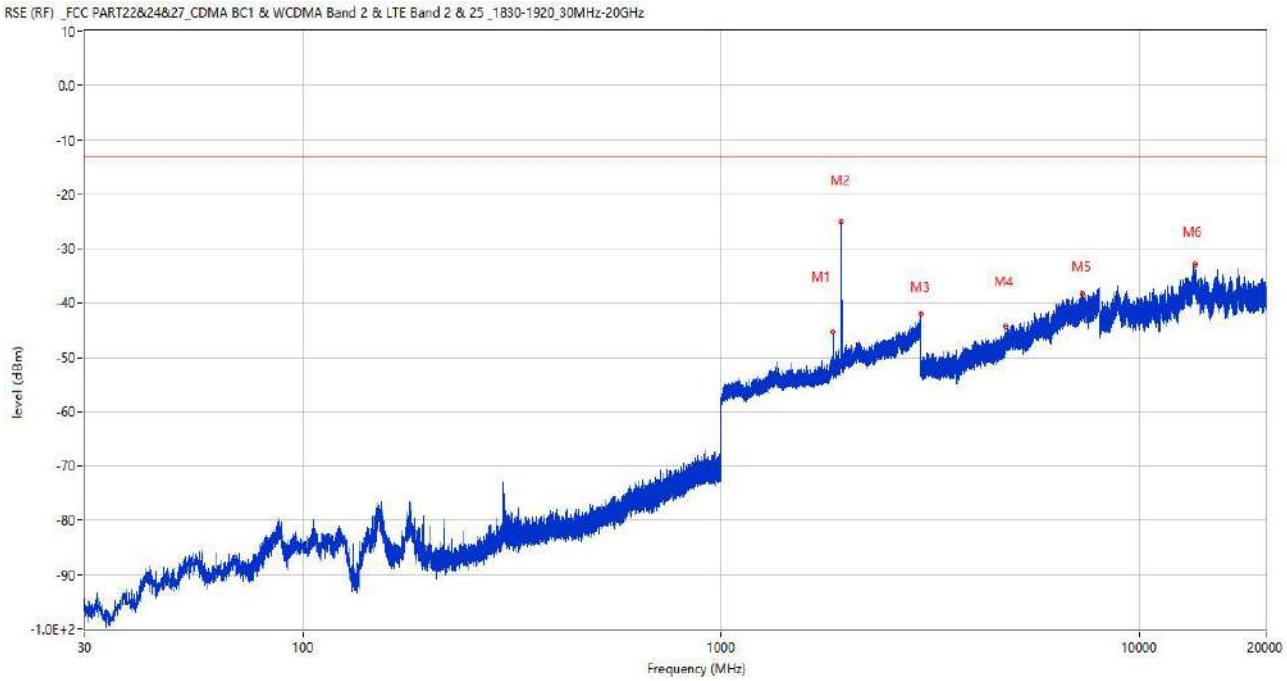


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
852.899	-56.92	4.53	-13.0	43.92	164.00	Vertical	Horizontal	N/A
891.796	-39.63	4.71	-13.0	26.63	119.00	Vertical	Horizontal	N/A
2145.800	-54.77	-1.95	-13.0	41.77	349.00	Vertical	Horizontal	Pass
3043.750	-51.89	3.67	-13.0	38.89	251.00	Vertical	Horizontal	Pass
7251.000	-40.01	14.62	-13.0	27.01	40.00	Vertical	Horizontal	Pass
9500.599	-40.54	12.73	-13.0	27.54	271.00	Vertical	Horizontal	Pass

4. LTE

4.1 LTE Band 2

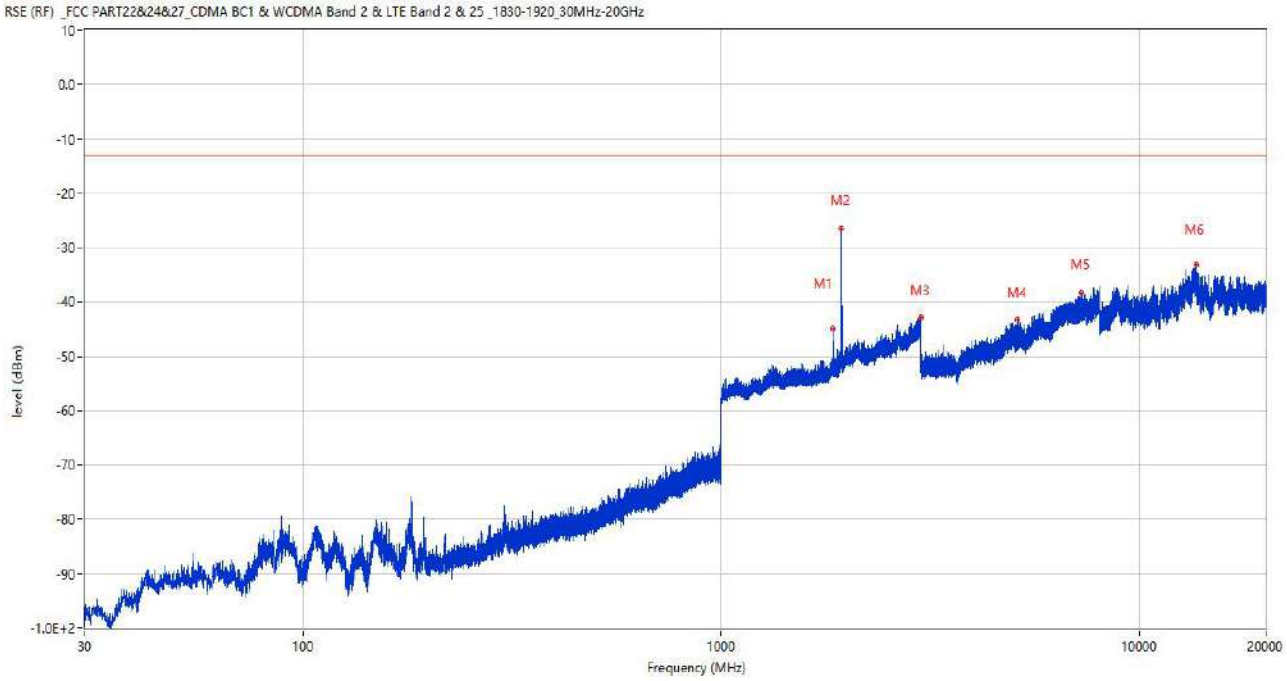
Band:LTE B2,Channel:LOW
range,BW5



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
1847.000	-45.33	2.49	-13.0	32.33	15.00	Horizontal	Horizontal	N/A
1933.300	-25.10	3.02	-13.0	12.10	267.00	Horizontal	Horizontal	N/A
2987.500	-42.09	10.91	-13.0	29.09	8.00	Horizontal	Horizontal	Pass
4763.500	-44.21	11.48	-13.0	31.21	353.00	Horizontal	Horizontal	Pass
7262.500	-38.25	17.57	-13.0	25.25	343.00	Horizontal	Horizontal	Pass
13583.750	-32.97	24.98	-13.0	19.97	274.00	Horizontal	Horizontal	Pass

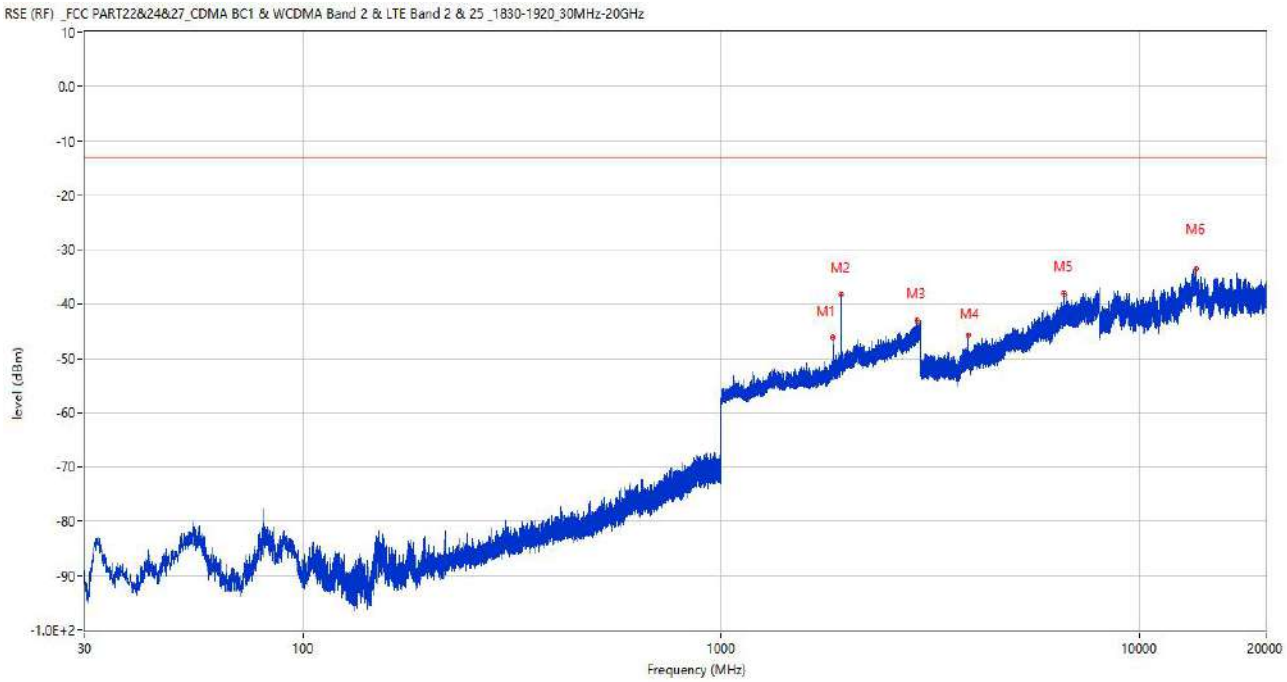
Band:LTE B2,Channel:LOW

range,BW5



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
1846.800	-44.96	2.49	-13.0	31.96	225.00	Horizontal	Vertical	N/A
1934.900	-26.37	3.16	-13.0	13.37	273.00	Horizontal	Vertical	N/A
2994.900	-42.92	10.60	-13.0	29.92	285.00	Horizontal	Vertical	Pass
5105.250	-43.30	12.32	-13.0	30.30	229.00	Horizontal	Vertical	Pass
7240.000	-38.17	17.48	-13.0	25.17	207.00	Horizontal	Vertical	Pass
13601.875	-33.09	24.87	-13.0	20.09	360.00	Horizontal	Vertical	Pass

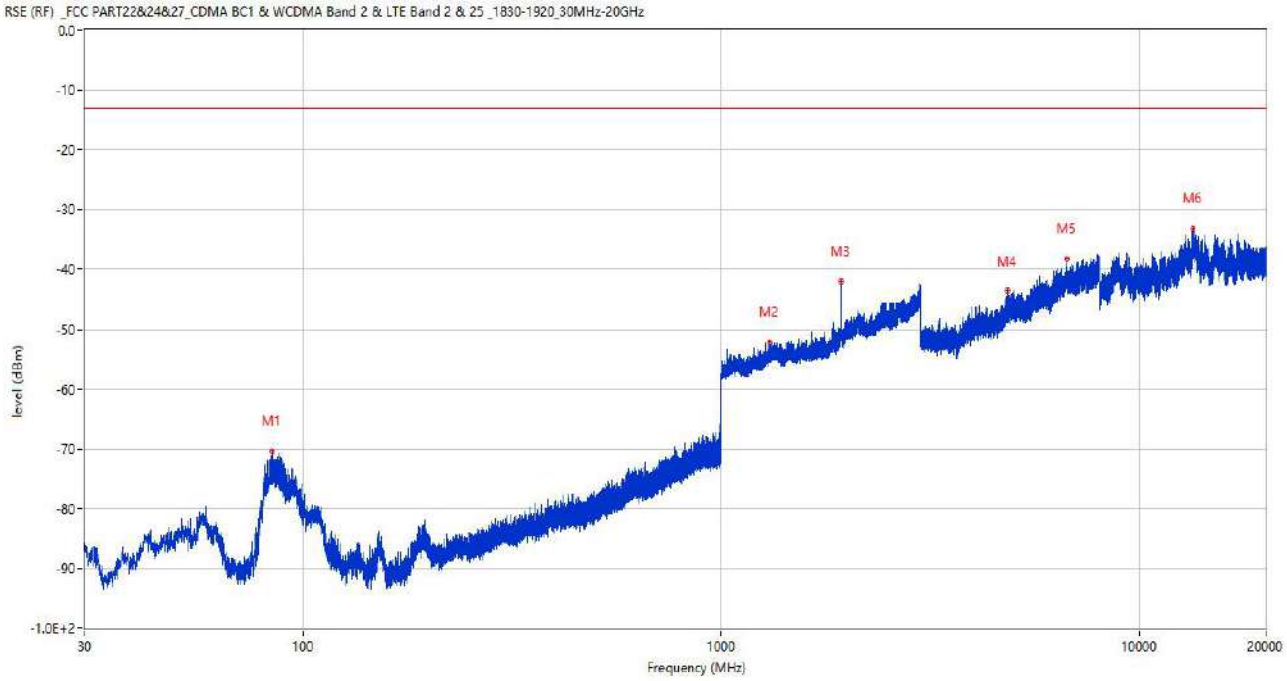
Band:LTE B2,Channel:LOW
range,BW5



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
1847.000	-46.05	2.49	-13.0	33.05	317.00	Vertical	Vertical	N/A
1934.700	-38.20	3.15	-13.0	25.20	59.00	Vertical	Vertical	N/A
2925.700	-43.05	10.53	-13.0	30.05	330.00	Vertical	Vertical	Pass
3892.250	-45.67	10.09	-13.0	32.67	0.00	Vertical	Vertical	Pass
6583.000	-38.16	15.58	-13.0	25.16	73.00	Vertical	Vertical	Pass
13639.937	-33.40	24.84	-13.0	20.40	320.00	Vertical	Vertical	Pass

Band:LTE B2,Channel:LOW

range,BW5

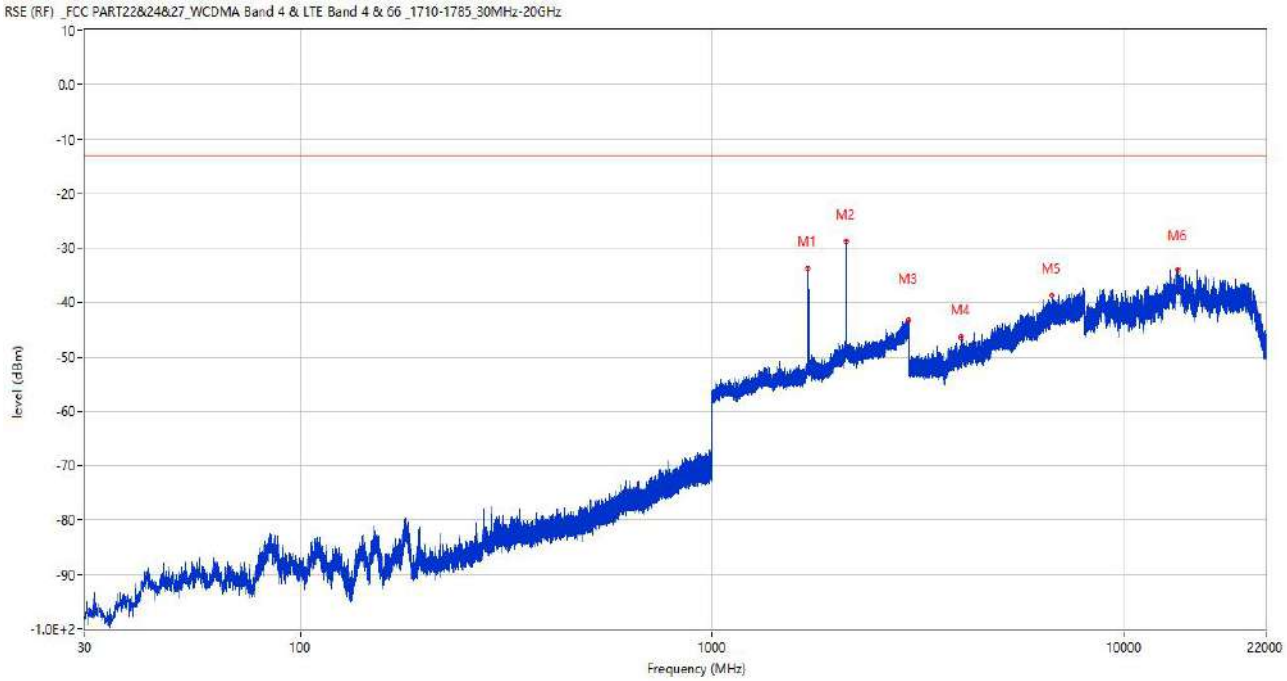


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
84.126	-70.39	-19.90	-13.0	57.39	226.00	Vertical	Horizontal	Pass
1302.900	-52.15	0.70	-13.0	39.15	277.00	Vertical	Horizontal	Pass
1933.800	-41.99	3.00	-13.0	28.99	216.00	Vertical	Horizontal	N/A
4830.000	-43.55	12.56	-13.0	30.55	223.00	Vertical	Horizontal	Pass
6695.750	-38.23	16.93	-13.0	25.23	51.00	Vertical	Horizontal	Pass
13376.037	-33.13	24.70	-13.0	20.13	249.00	Vertical	Horizontal	Pass

4.2 LTE Band 4

Band:LTE B4,Channel:LOW

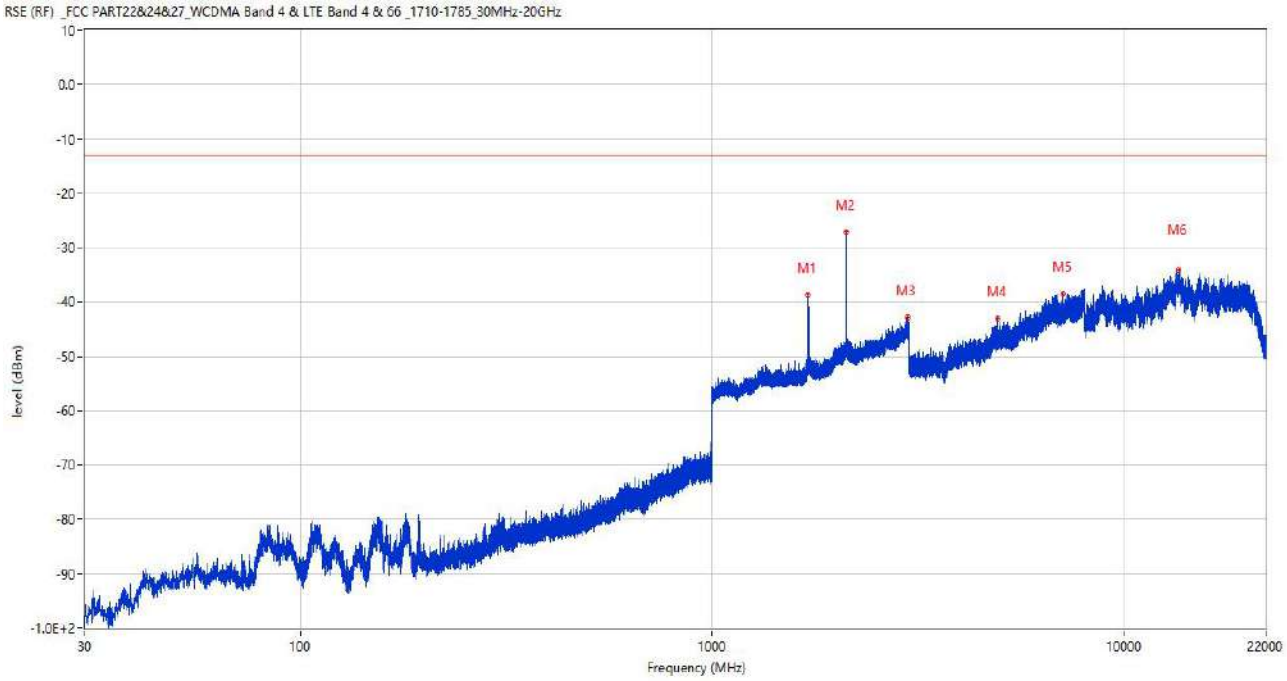
range,BW5



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
1702.600	-33.75	2.75	-13.0	20.75	233.00	Horizontal	Horizontal	N/A
2113.700	-28.81	5.67	-13.0	15.81	246.00	Horizontal	Horizontal	N/A
2987.700	-43.34	10.85	-13.0	30.34	7.00	Horizontal	Horizontal	Pass
4015.000	-46.39	9.37	-13.0	33.39	279.00	Horizontal	Horizontal	Pass
6680.250	-38.75	16.94	-13.0	25.75	279.00	Horizontal	Horizontal	Pass
13506.187	-33.91	24.10	-13.0	20.91	86.00	Horizontal	Horizontal	Pass

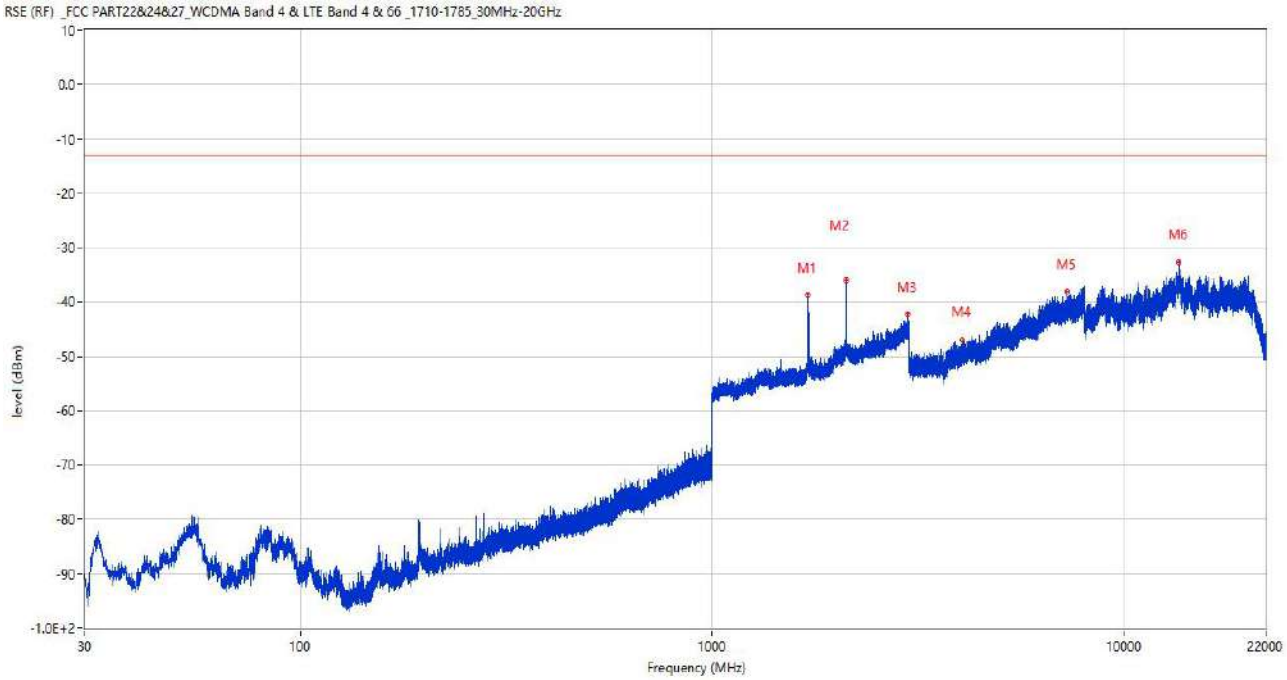
Band:LTE B4,Channel:LOW

range,BW5



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
1702.600	-38.76	2.75	-13.0	25.76	190.00	Horizontal	Vertical	N/A
2113.900	-27.16	5.65	-13.0	14.16	127.00	Horizontal	Vertical	N/A
2983.100	-42.91	11.02	-13.0	29.91	171.00	Horizontal	Vertical	Pass
4926.750	-43.11	13.23	-13.0	30.11	23.00	Horizontal	Vertical	Pass
7084.250	-38.42	16.11	-13.0	25.42	342.00	Horizontal	Vertical	Pass
13580.188	-34.03	25.01	-13.0	21.03	252.00	Horizontal	Vertical	Pass

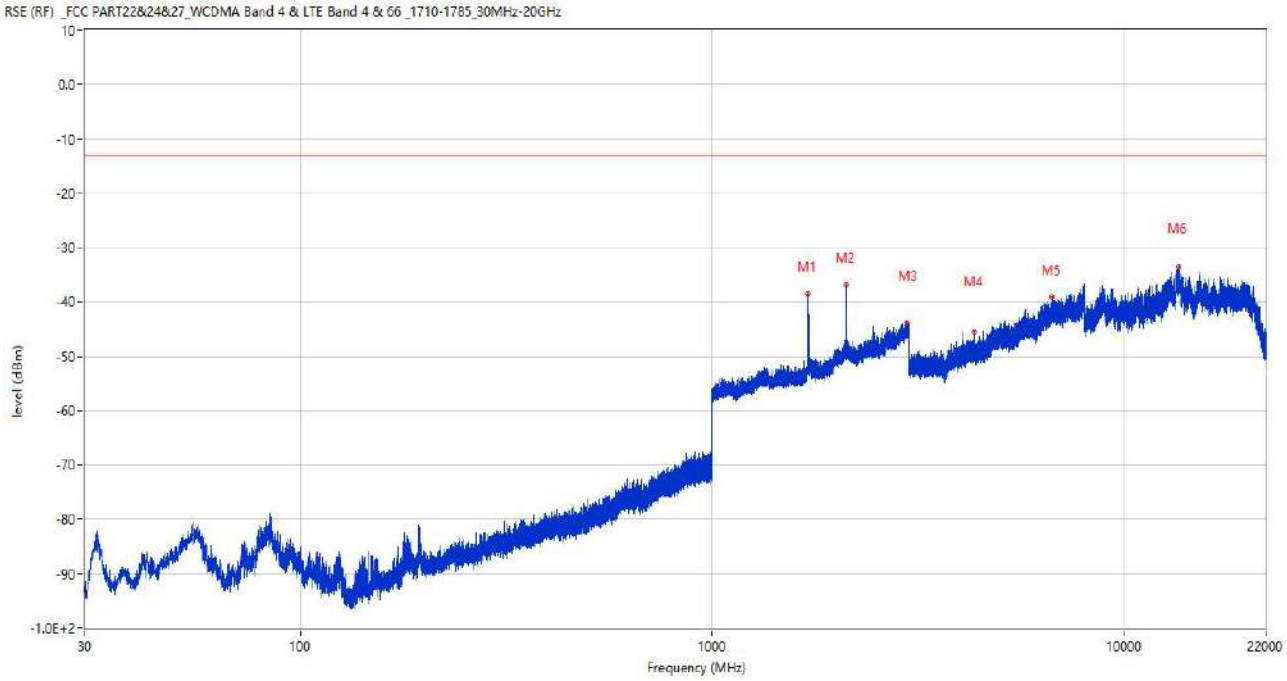
Band:LTE B4,Channel:LOW
range,BW5



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
1702.600	-38.65	2.75	-13.0	25.65	19.00	Vertical	Vertical	N/A
2114.400	-36.05	5.66	-13.0	23.05	167.00	Vertical	Vertical	N/A
2969.000	-42.19	11.64	-13.0	29.19	360.00	Vertical	Vertical	Pass
4034.500	-46.89	9.59	-13.0	33.89	50.00	Vertical	Vertical	Pass
7234.250	-38.08	17.20	-13.0	25.08	127.00	Vertical	Vertical	Pass
13568.162	-32.78	25.09	-13.0	19.78	202.00	Vertical	Vertical	Pass

Band:LTE B4,Channel:LOW

range,BW5

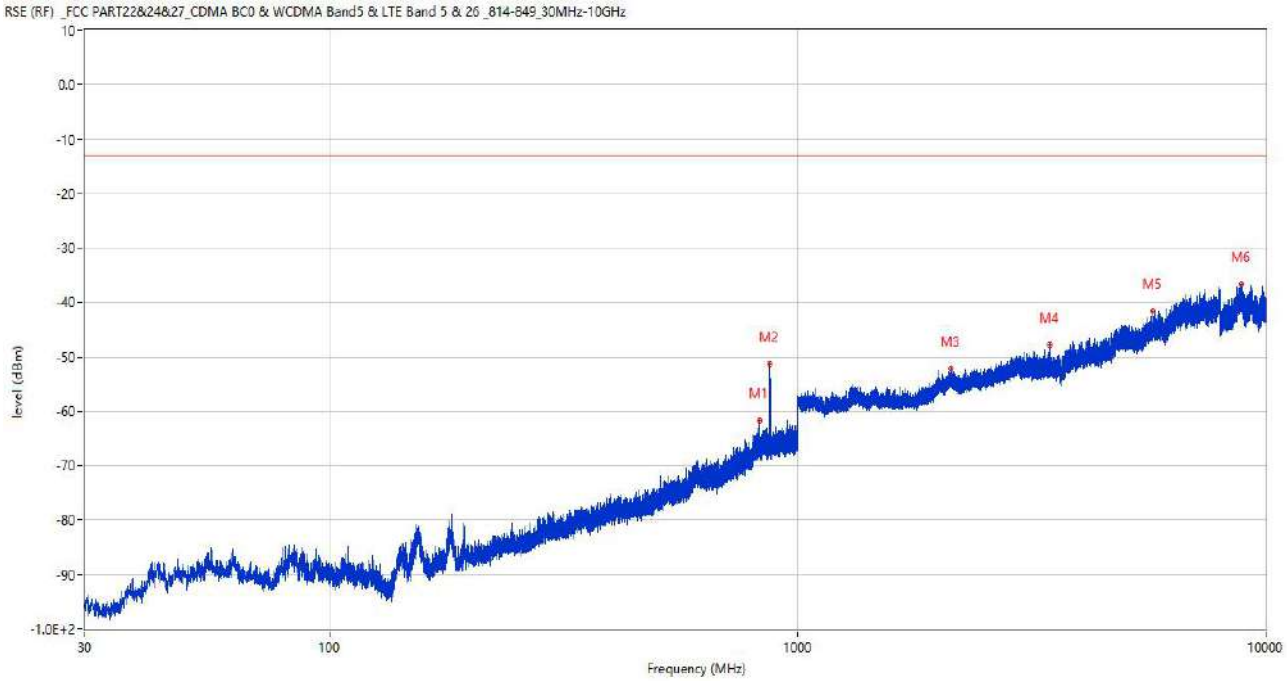


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
1702.800	-38.47	2.75	-13.0	25.47	144.00	Vertical	Horizontal	N/A
2114.700	-36.75	5.67	-13.0	23.75	352.00	Vertical	Horizontal	N/A
2966.200	-43.78	11.45	-13.0	30.78	304.00	Vertical	Horizontal	Pass
4314.250	-45.51	10.15	-13.0	32.51	277.00	Vertical	Horizontal	Pass
6681.750	-39.17	16.93	-13.0	26.17	0.00	Vertical	Horizontal	Pass
13543.650	-33.47	25.06	-13.0	20.47	20.00	Vertical	Horizontal	Pass

4.3 LTE Band 5

Band:LTE B5,Channel:LOW

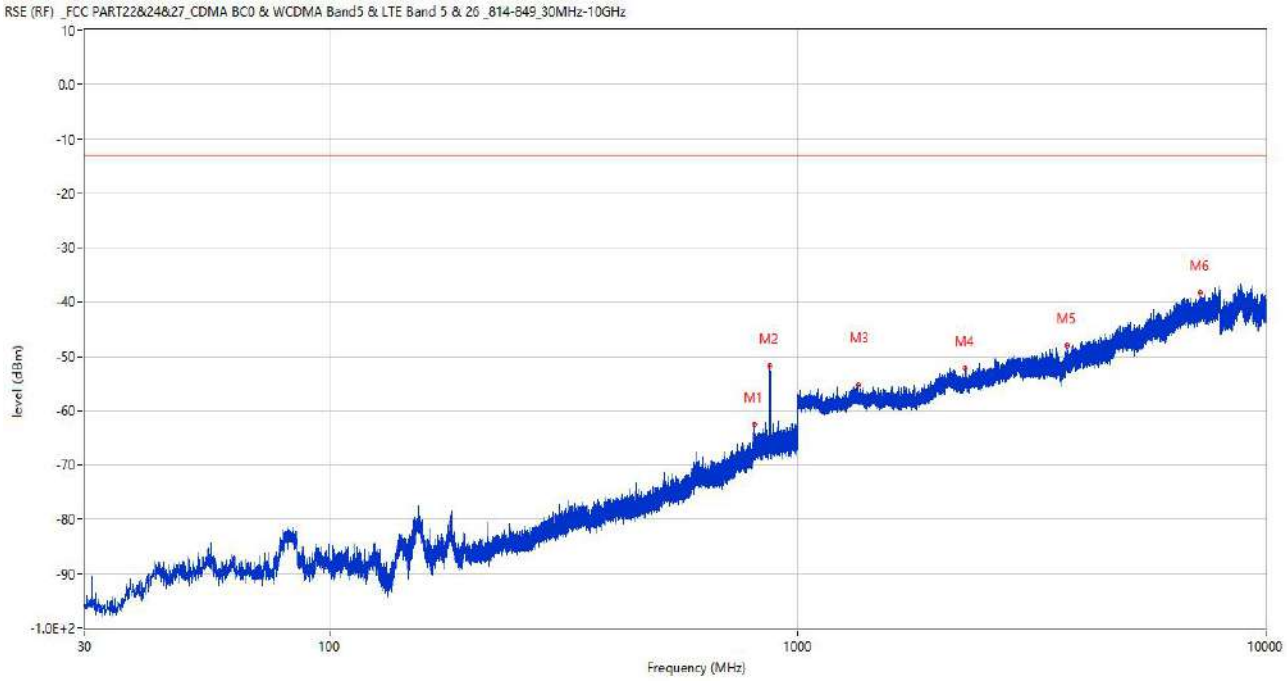
range,BW5



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
828.746	-61.60	6.99	-13.0	48.60	352.00	Horizontal	Horizontal	N/A
871.378	-51.37	6.43	-13.0	38.37	96.00	Horizontal	Horizontal	N/A
2125.300	-52.13	-0.26	-13.0	39.13	327.00	Horizontal	Horizontal	Pass
3460.000	-47.84	6.99	-13.0	34.84	0.00	Horizontal	Horizontal	Pass
5726.750	-41.56	13.70	-13.0	28.56	325.00	Horizontal	Horizontal	Pass
8884.200	-36.70	19.94	-13.0	23.70	276.00	Horizontal	Horizontal	Pass

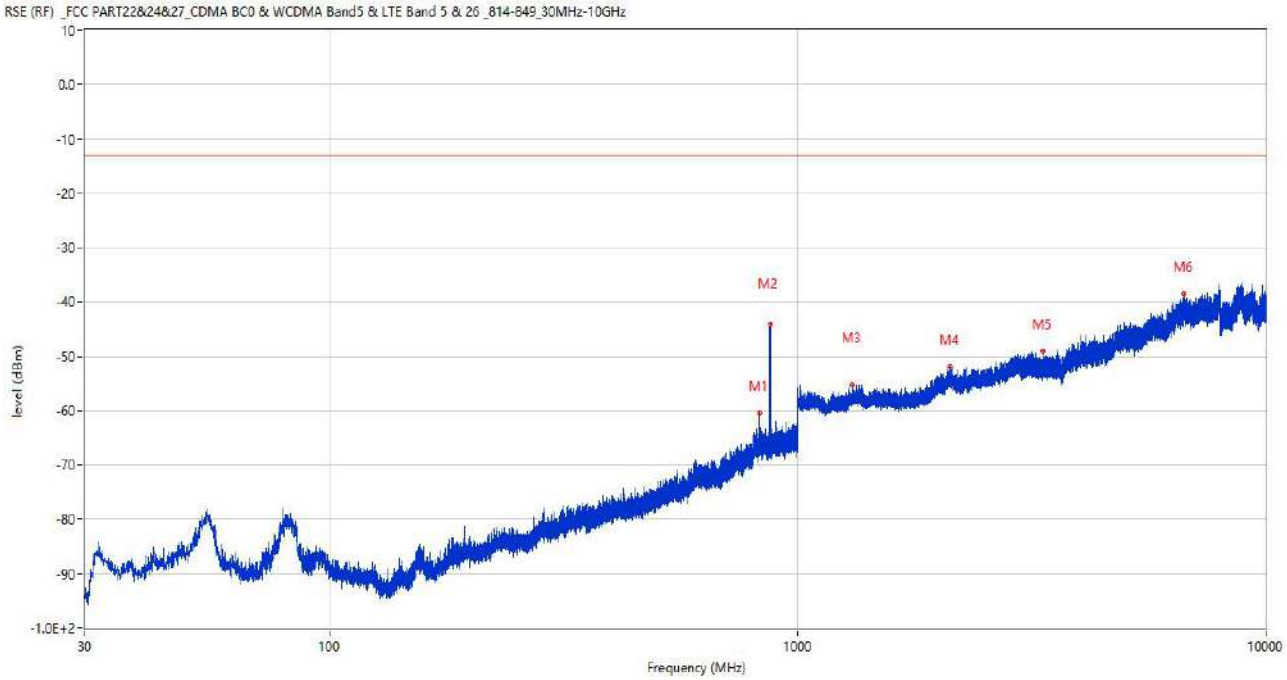
Band:LTE B5,Channel:LOW

range,BW5



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
807.164	-62.60	5.89	-13.0	49.60	359.00	Horizontal	Vertical	Pass
870.311	-51.69	6.38	-13.0	38.69	106.00	Horizontal	Vertical	N/A
1347.100	-55.31	-2.64	-13.0	42.31	227.00	Horizontal	Vertical	Pass
2280.500	-52.22	-0.19	-13.0	39.22	16.00	Horizontal	Vertical	Pass
3759.500	-47.91	9.23	-13.0	34.91	292.00	Horizontal	Vertical	Pass
7236.750	-38.35	17.28	-13.0	25.35	292.00	Horizontal	Vertical	Pass

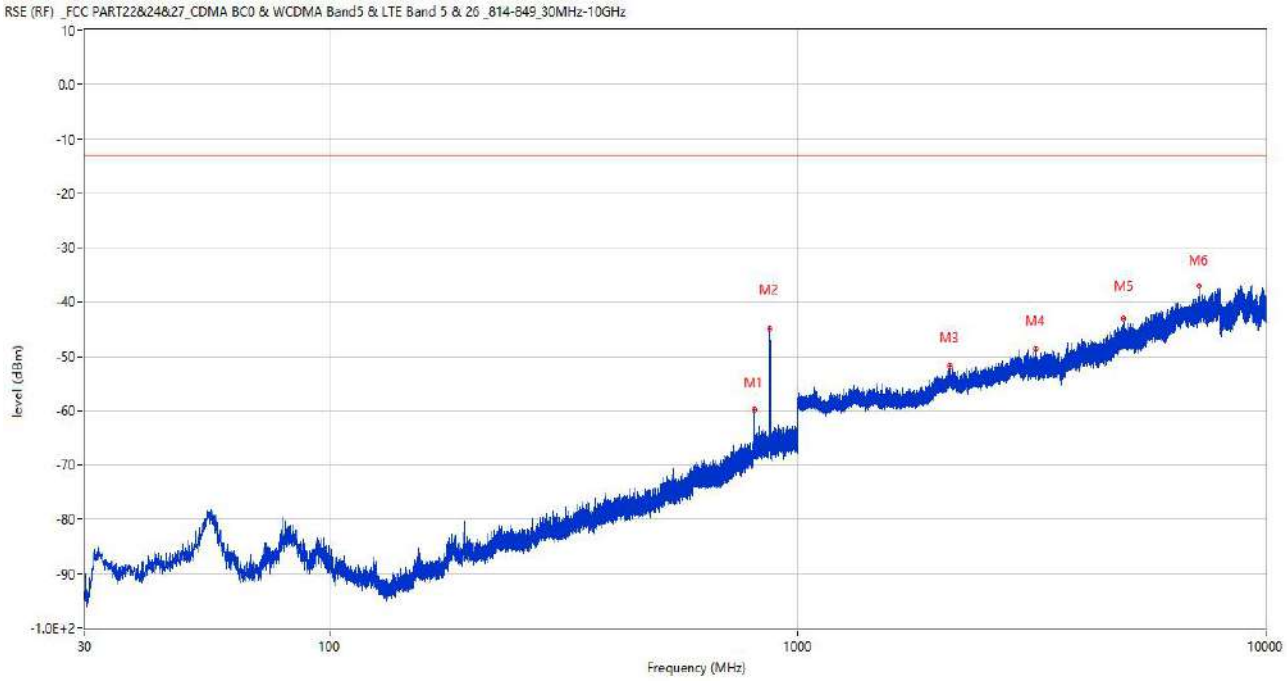
Band:LTE B5,Channel:LOW
range,BW5



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
828.698	-60.45	6.99	-13.0	47.45	68.00	Vertical	Vertical	N/A
873.269	-44.02	6.43	-13.0	31.02	189.00	Vertical	Vertical	N/A
1308.500	-55.30	-2.90	-13.0	42.30	219.00	Vertical	Vertical	Pass
2114.000	-52.00	0.19	-13.0	39.00	264.00	Vertical	Vertical	Pass
3339.500	-48.97	7.11	-13.0	35.97	0.00	Vertical	Vertical	Pass
6681.000	-38.56	16.91	-13.0	25.56	199.00	Vertical	Vertical	Pass

Band:LTE B5,Channel:LOW

range,BW5

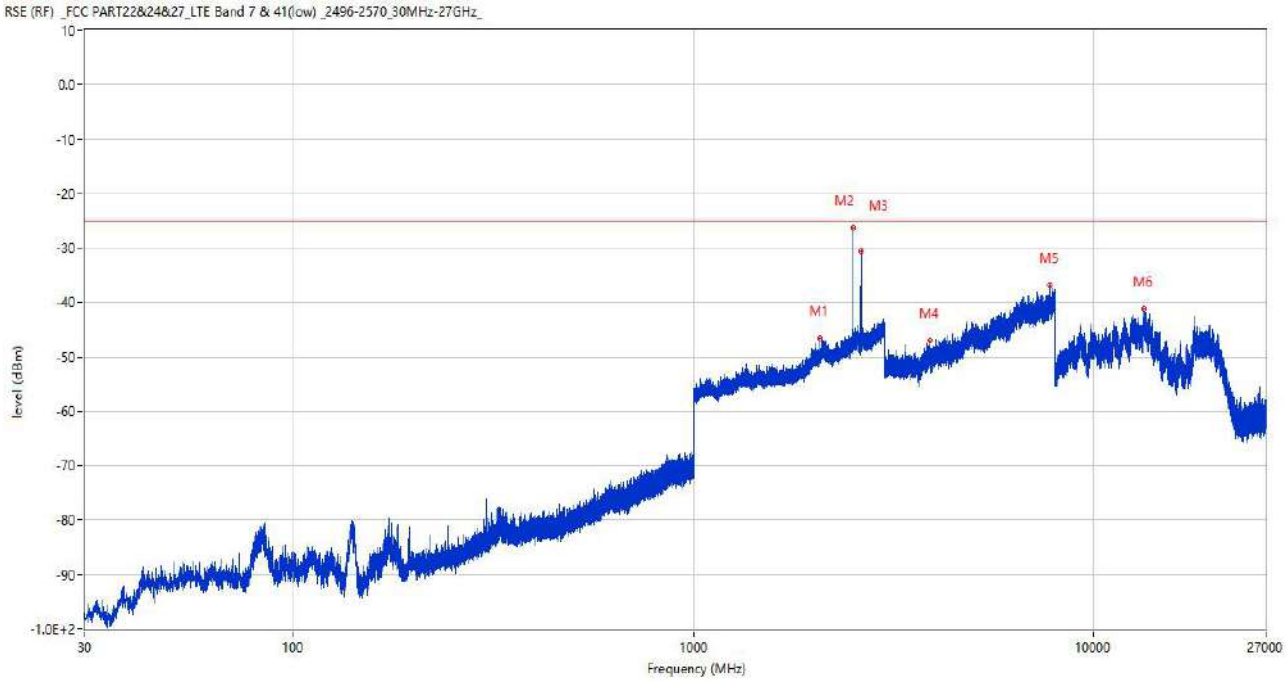


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
808.377	-59.82	6.70	-13.0	46.82	30.00	Vertical	Horizontal	Pass
869.681	-44.95	6.41	-13.0	31.95	316.00	Vertical	Horizontal	N/A
2116.700	-51.70	0.05	-13.0	38.70	172.00	Vertical	Horizontal	Pass
3223.250	-48.53	6.36	-13.0	35.53	109.00	Vertical	Horizontal	Pass
4971.500	-42.95	13.53	-13.0	29.95	241.00	Vertical	Horizontal	Pass
7220.250	-36.98	16.70	-13.0	23.98	77.00	Vertical	Horizontal	Pass

4.4 LTE Band 7

Band:LTE B7,Channel:LOW

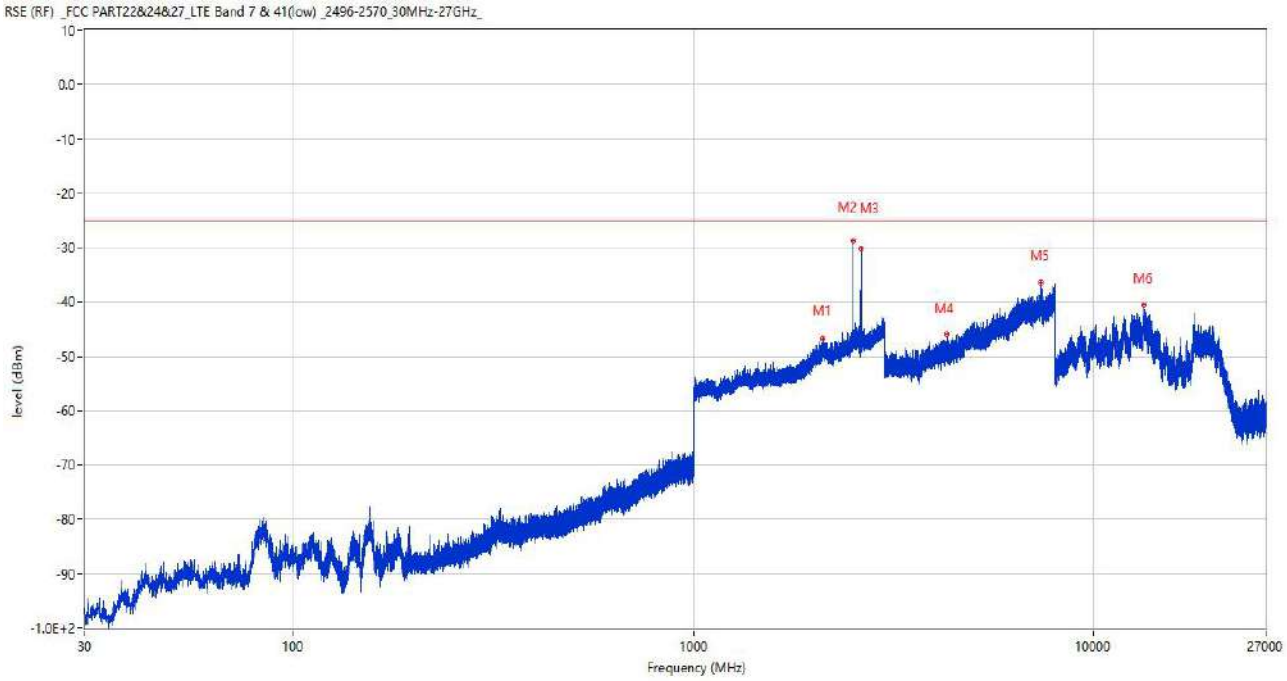
range,BW5



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
2069.100	-46.52	4.68	-25.0	21.52	245.00	Horizontal	Horizontal	Pass
2505.500	-26.35	8.92	-25.0	1.35	66.00	Horizontal	Horizontal	N/A
2624.700	-30.58	7.69	-25.0	5.58	226.00	Horizontal	Horizontal	N/A
3894.500	-46.93	10.25	-25.0	21.93	202.00	Horizontal	Horizontal	Pass
7788.250	-36.79	18.27	-25.0	11.79	289.00	Horizontal	Horizontal	Pass
13395.750	-41.15	16.97	-25.0	16.15	272.00	Horizontal	Horizontal	Pass

Band:LTE B7,Channel:LOW

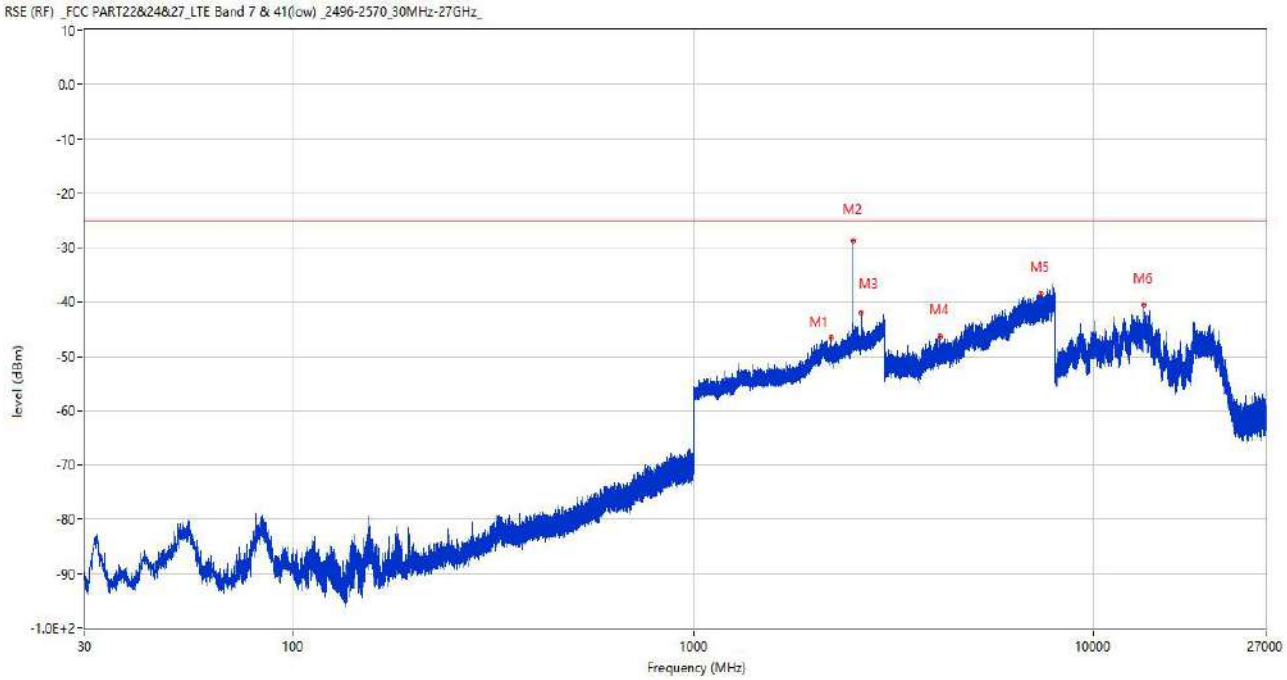
range,BW5



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
2113.600	-46.67	5.52	-25.0	21.67	104.00	Horizontal	Vertical	Pass
2505.600	-28.84	8.92	-25.0	3.84	25.00	Horizontal	Vertical	N/A
2623.000	-30.21	7.76	-25.0	5.21	246.00	Horizontal	Vertical	N/A
4308.000	-45.99	10.55	-25.0	20.99	180.00	Horizontal	Vertical	Pass
7403.750	-36.42	17.88	-25.0	11.42	61.00	Horizontal	Vertical	Pass
13379.738	-40.51	16.82	-25.0	15.51	271.00	Horizontal	Vertical	Pass

Band:LTE B7,Channel:LOW

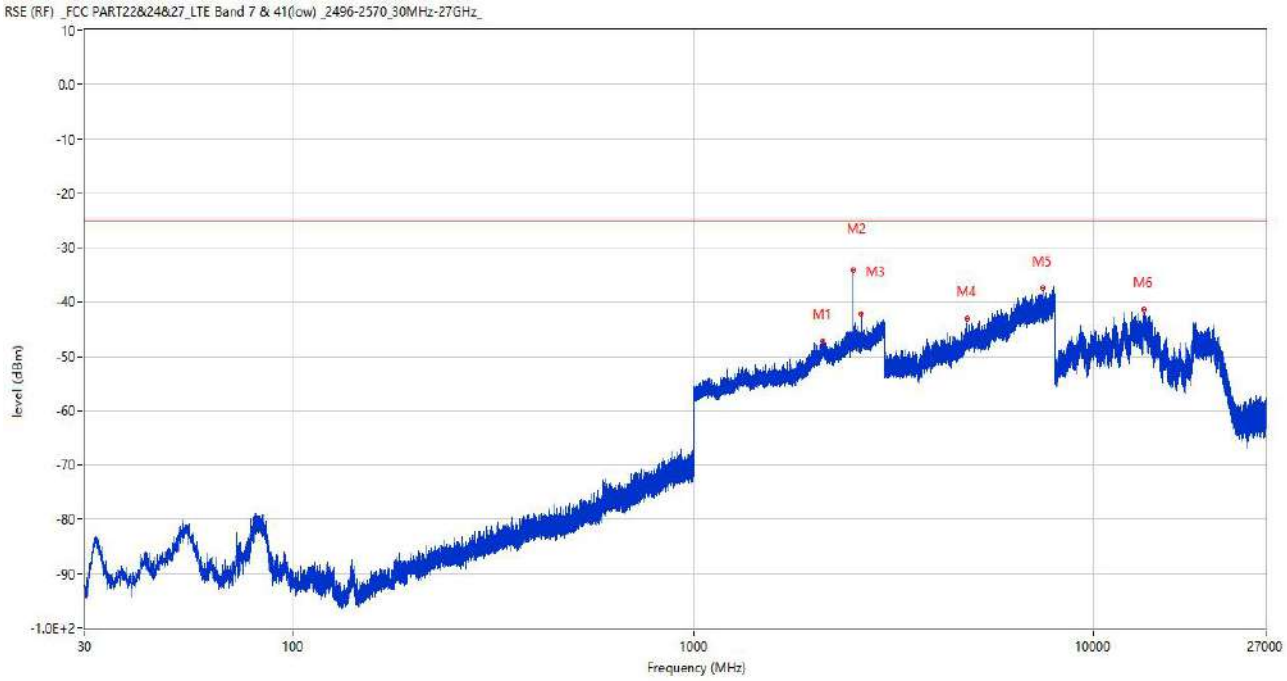
range,BW5



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
2209.900	-46.52	4.96	-25.0	21.52	97.00	Vertical	Vertical	Pass
2505.600	-28.74	8.92	-25.0	3.74	48.00	Vertical	Vertical	N/A
2622.000	-41.90	7.73	-25.0	16.90	246.00	Vertical	Vertical	N/A
4131.250	-46.44	9.45	-25.0	21.44	94.00	Vertical	Vertical	Pass
7391.500	-38.44	17.65	-25.0	13.44	302.00	Vertical	Vertical	Pass
13386.825	-40.60	16.89	-25.0	15.60	228.00	Vertical	Vertical	Pass

Band:LTE B7,Channel:LOW

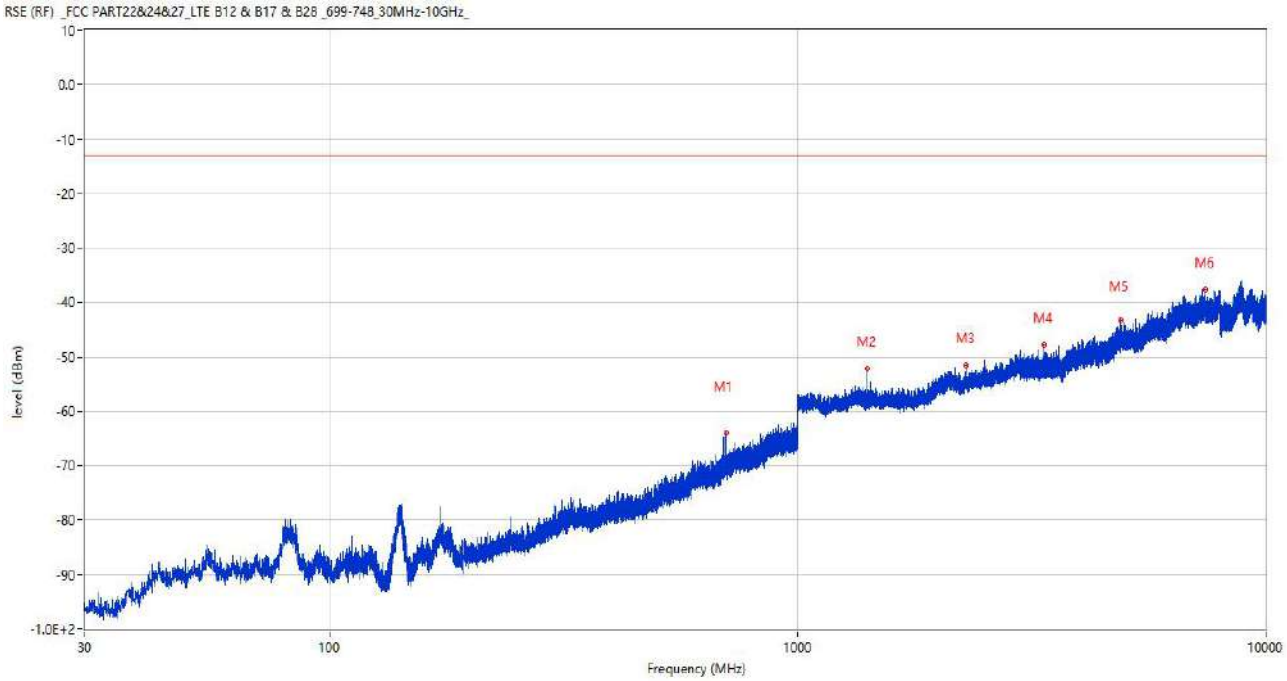
range,BW5



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
2113.200	-47.26	5.54	-25.0	22.26	165.00	Vertical	Horizontal	Pass
2505.300	-34.13	8.92	-25.0	9.13	178.00	Vertical	Horizontal	N/A
2624.100	-42.23	7.72	-25.0	17.23	18.00	Vertical	Horizontal	N/A
4844.250	-42.98	12.64	-25.0	17.98	0.00	Vertical	Horizontal	Pass
7491.500	-37.43	16.88	-25.0	12.43	360.00	Vertical	Horizontal	Pass
13404.151	-41.35	16.92	-25.0	16.35	86.00	Vertical	Horizontal	Pass

4.5 LTE Band 12

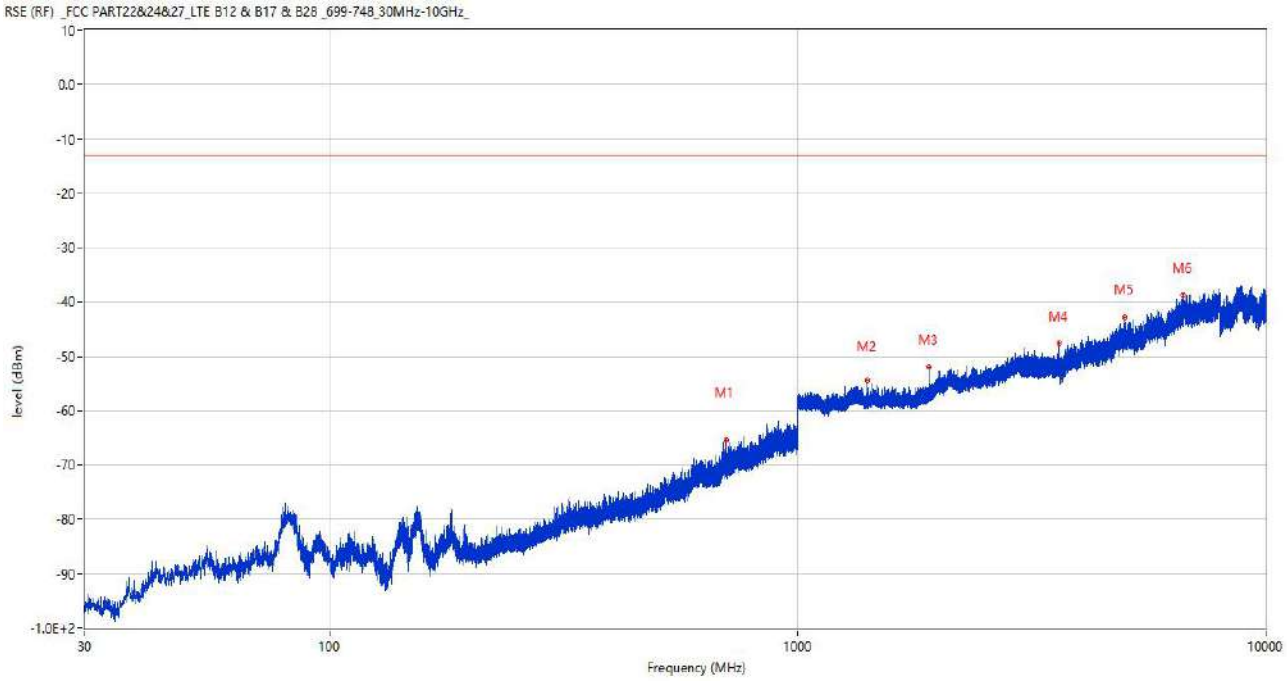
Band:LTE B12,Channel:LOW range,BW5



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
703.617	-63.87	3.29	-13.0	50.87	207.00	Horizontal	Horizontal	N/A
1408.000	-52.25	-3.46	-13.0	39.25	148.00	Horizontal	Horizontal	Pass
2293.800	-51.58	0.71	-13.0	38.58	11.00	Horizontal	Horizontal	Pass
3352.000	-47.77	7.04	-13.0	34.77	342.00	Horizontal	Horizontal	Pass
4904.500	-43.14	12.54	-13.0	30.14	109.00	Horizontal	Horizontal	Pass
7416.000	-37.66	18.15	-13.0	24.66	60.00	Horizontal	Horizontal	Pass

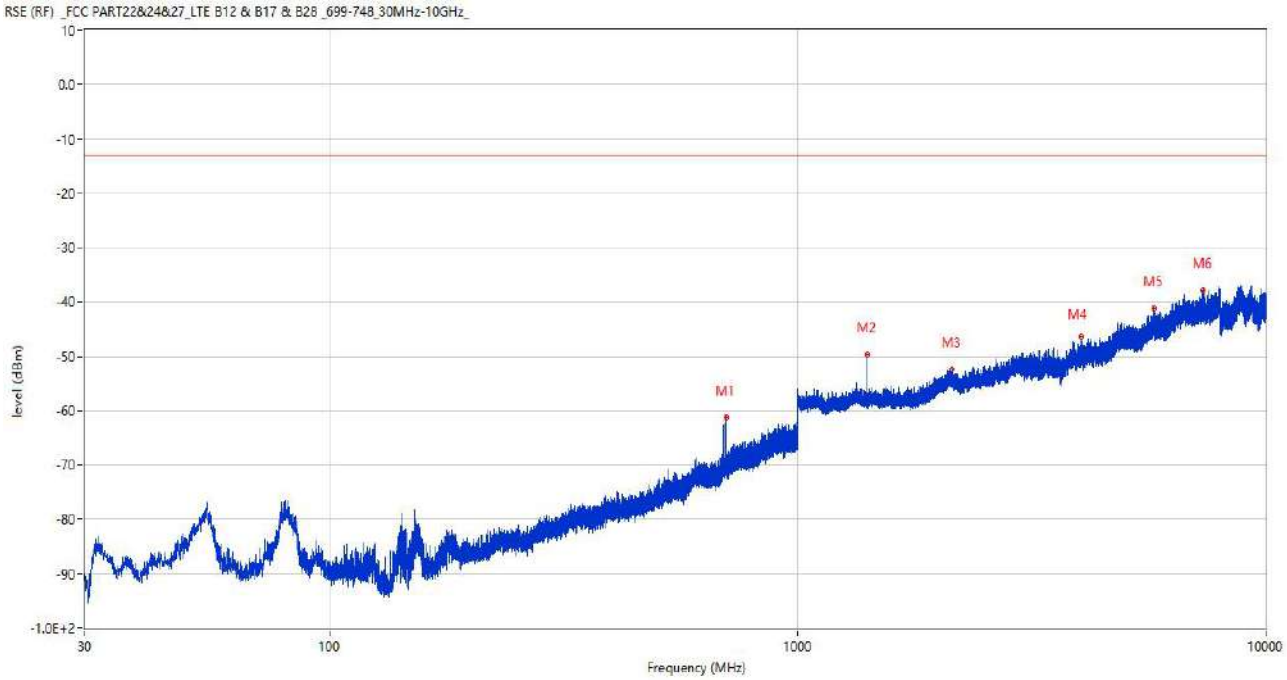
Band:LTE B12,Channel:LOW

range,BW5



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
703.665	-65.49	3.29	-13.0	52.49	140.00	Horizontal	Vertical	N/A
1408.300	-54.49	-3.45	-13.0	41.49	166.00	Horizontal	Vertical	Pass
1908.300	-52.02	-2.63	-13.0	39.02	302.00	Horizontal	Vertical	Pass
3621.250	-47.68	7.11	-13.0	34.68	42.00	Horizontal	Vertical	Pass
4983.000	-42.91	13.29	-13.0	29.91	242.00	Horizontal	Vertical	Pass
6672.000	-38.65	16.63	-13.0	25.65	208.00	Horizontal	Vertical	Pass

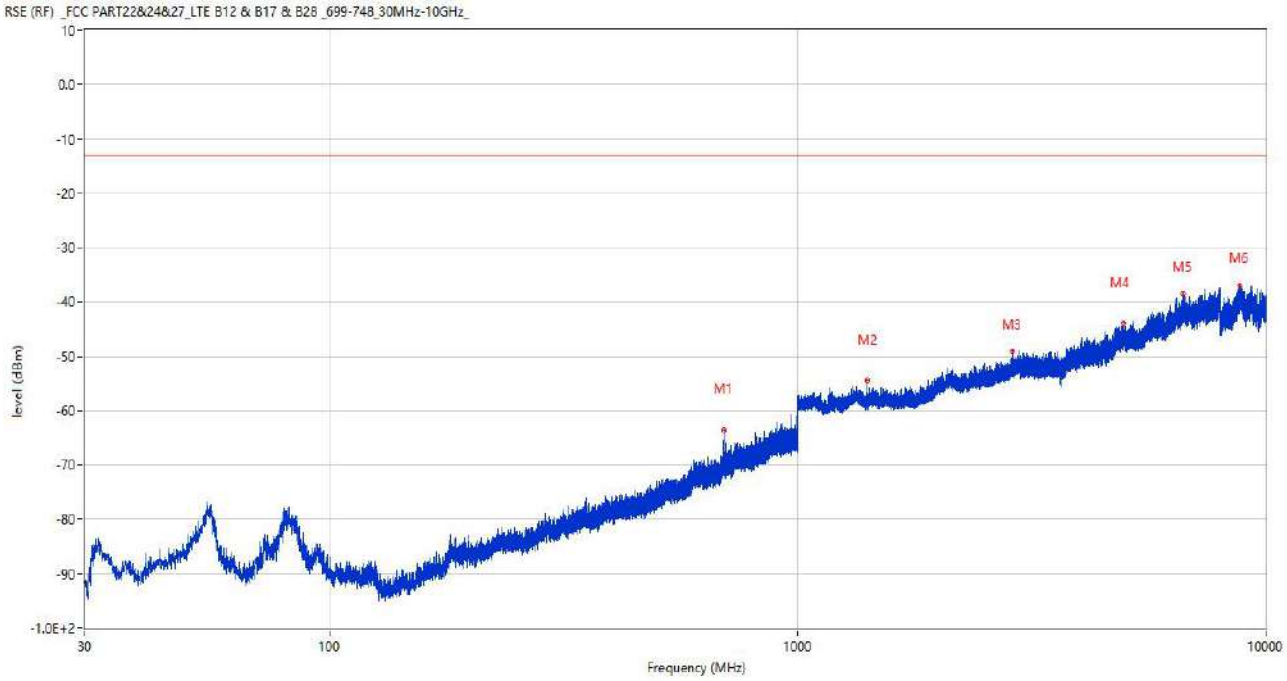
Band:LTE B12,Channel:LOW
range,BW5



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
703.762	-61.29	3.29	-13.0	48.29	360.00	Vertical	Vertical	N/A
1408.300	-49.75	-3.45	-13.0	36.75	220.00	Vertical	Vertical	Pass
2133.900	-52.32	-0.38	-13.0	39.32	246.00	Vertical	Vertical	Pass
4042.250	-46.34	10.17	-13.0	33.34	276.00	Vertical	Vertical	Pass
5757.250	-41.12	14.36	-13.0	28.12	361.00	Vertical	Vertical	Pass
7336.500	-37.85	17.18	-13.0	24.85	60.00	Vertical	Vertical	Pass

Band:LTE B12,Channel:LOW

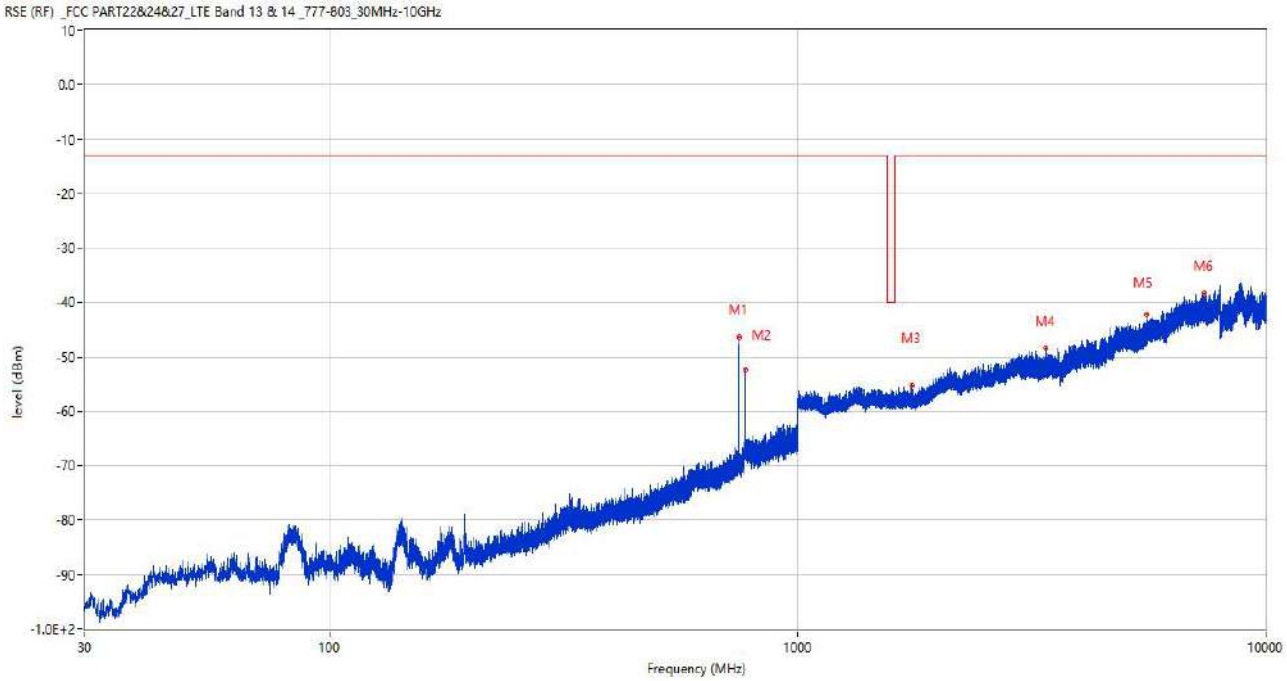
range,BW5



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
695.032	-63.50	3.04	-13.0	50.50	342.00	Vertical	Horizontal	N/A
1408.400	-54.46	-3.45	-13.0	41.46	215.00	Vertical	Horizontal	Pass
2879.700	-49.06	3.90	-13.0	36.06	277.00	Vertical	Horizontal	Pass
4956.250	-43.84	12.86	-13.0	30.84	0.00	Vertical	Horizontal	Pass
6656.000	-38.53	16.14	-13.0	25.53	294.00	Vertical	Horizontal	Pass
8801.800	-36.93	19.57	-13.0	23.93	254.00	Vertical	Horizontal	Pass

4.6 LTE Band 13

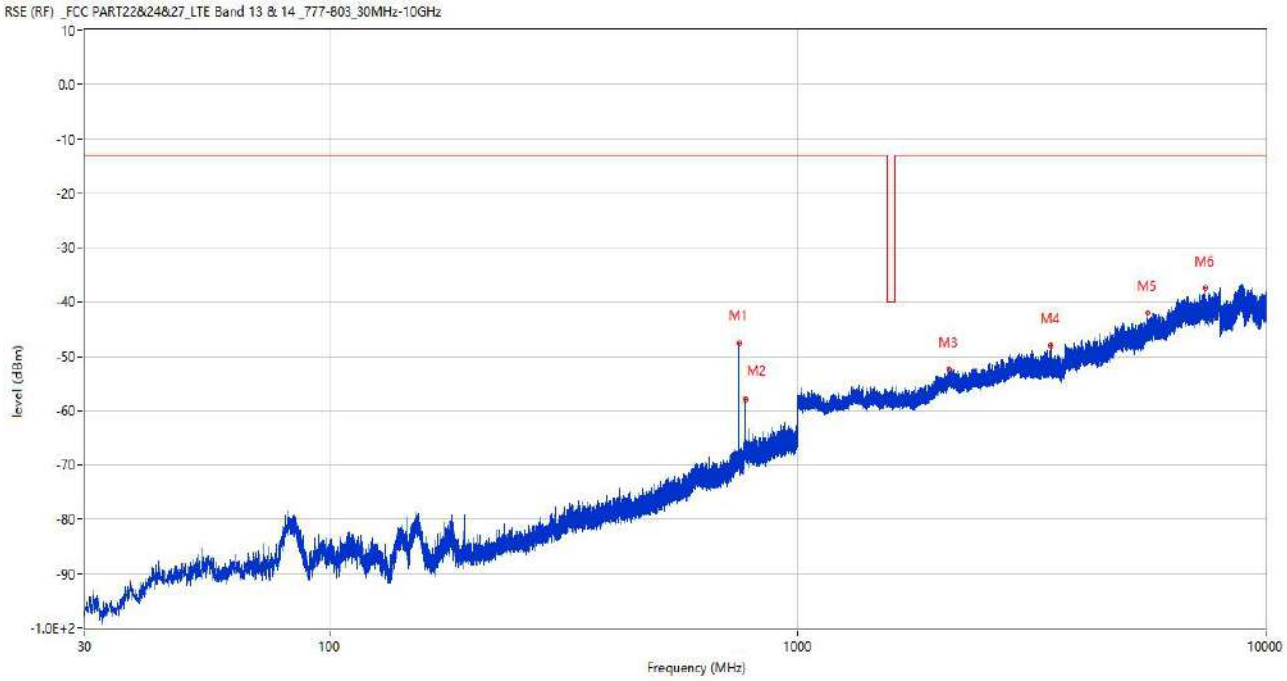
Band:LTE B13,Channel:LOW
range,BW5



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
750.662	-46.30	3.27	-13.0	33.30	244.00	Horizontal	Horizontal	N/A
773.020	-52.39	5.84	-13.0	39.39	207.00	Horizontal	Horizontal	N/A
1749.800	-55.16	-3.78	-13.0	42.16	253.00	Horizontal	Horizontal	Pass
3384.500	-48.46	6.60	-13.0	35.46	59.00	Horizontal	Horizontal	Pass
5575.500	-42.19	12.90	-13.0	29.19	0.00	Horizontal	Horizontal	Pass
7391.000	-38.21	17.67	-13.0	25.21	93.00	Horizontal	Horizontal	Pass

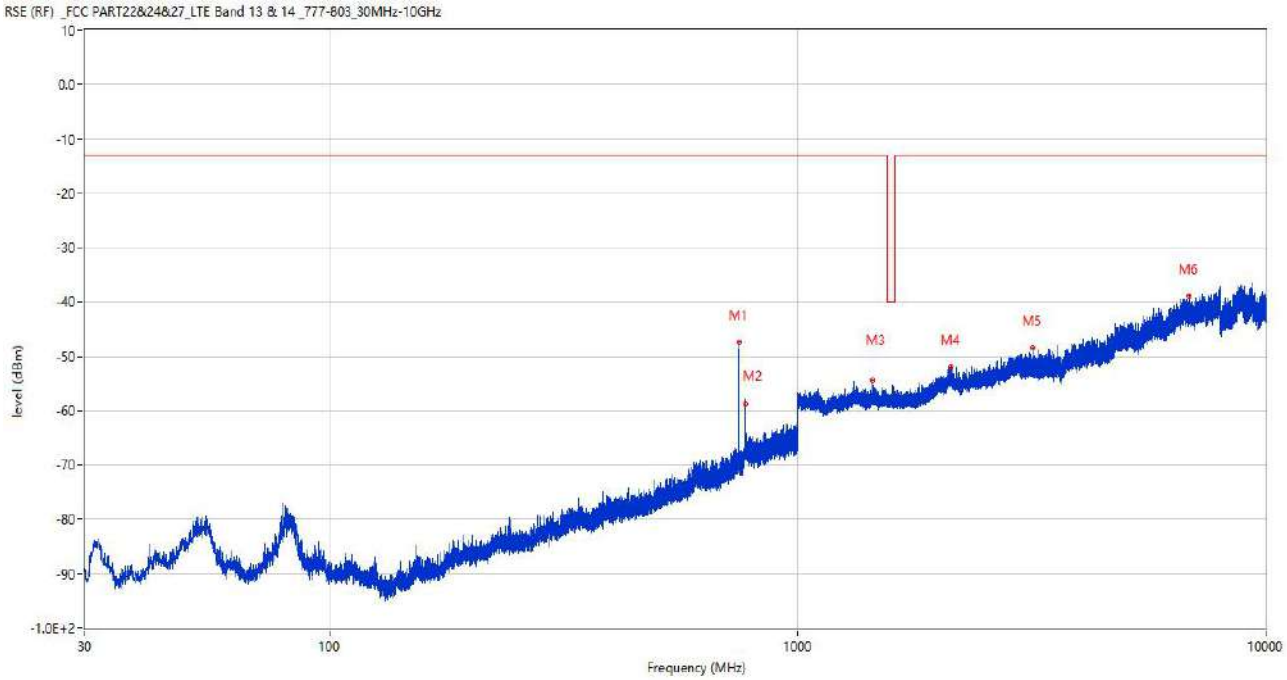
Band:LTE B13,Channel:LOW

range,BW5



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
748.964	-47.49	3.29	-13.0	34.49	201.00	Horizontal	Vertical	N/A
772.972	-58.00	5.84	-13.0	45.00	201.00	Horizontal	Vertical	N/A
2106.500	-52.30	0.28	-13.0	39.30	62.00	Horizontal	Vertical	Pass
3478.250	-48.10	7.72	-13.0	35.10	127.00	Horizontal	Vertical	Pass
5594.250	-41.95	13.62	-13.0	28.95	211.00	Horizontal	Vertical	Pass
7411.750	-37.41	18.12	-13.0	24.41	245.00	Horizontal	Vertical	Pass

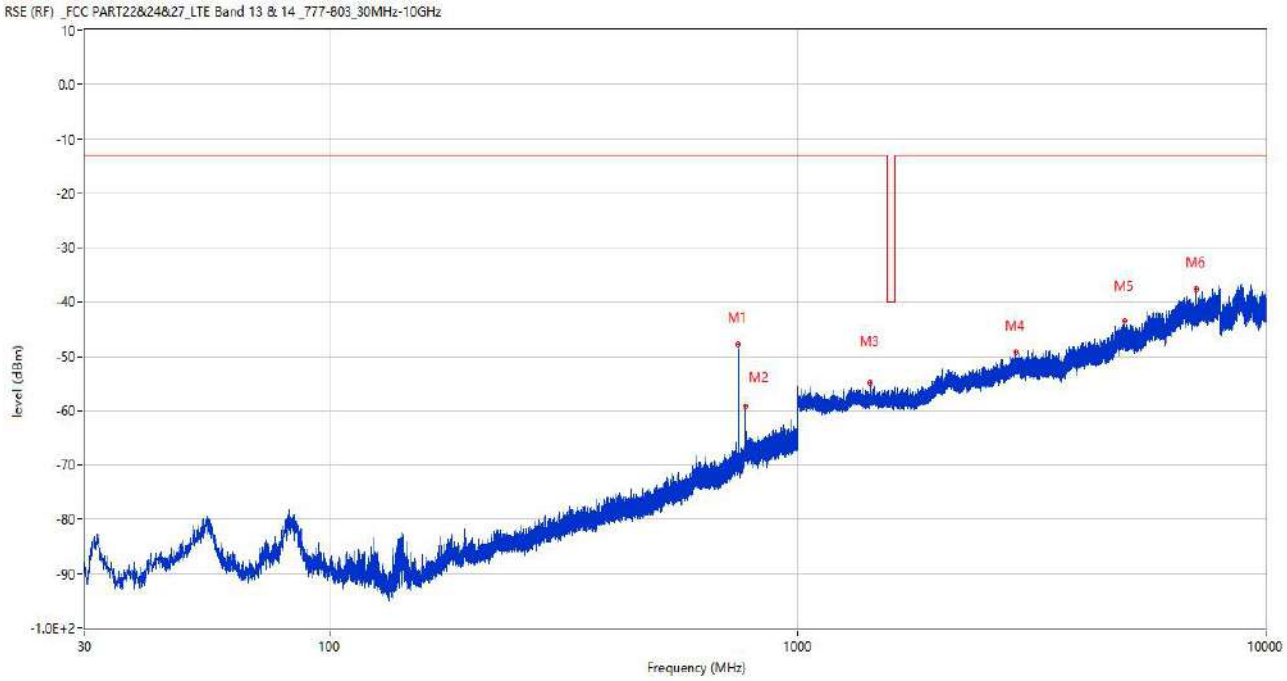
Band:LTE B13,Channel:LOW
range,BW5



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
748.721	-47.46	3.30	-13.0	34.46	350.00	Vertical	Vertical	N/A
772.972	-58.73	5.84	-13.0	45.73	0.00	Vertical	Vertical	N/A
1446.700	-54.49	-3.11	-13.0	41.49	123.00	Vertical	Vertical	Pass
2124.000	-51.92	-0.24	-13.0	38.92	259.00	Vertical	Vertical	Pass
3180.250	-48.51	7.43	-13.0	35.51	209.00	Vertical	Vertical	Pass
6866.500	-38.85	16.42	-13.0	25.85	357.00	Vertical	Vertical	Pass

Band:LTE B13,Channel:LOW

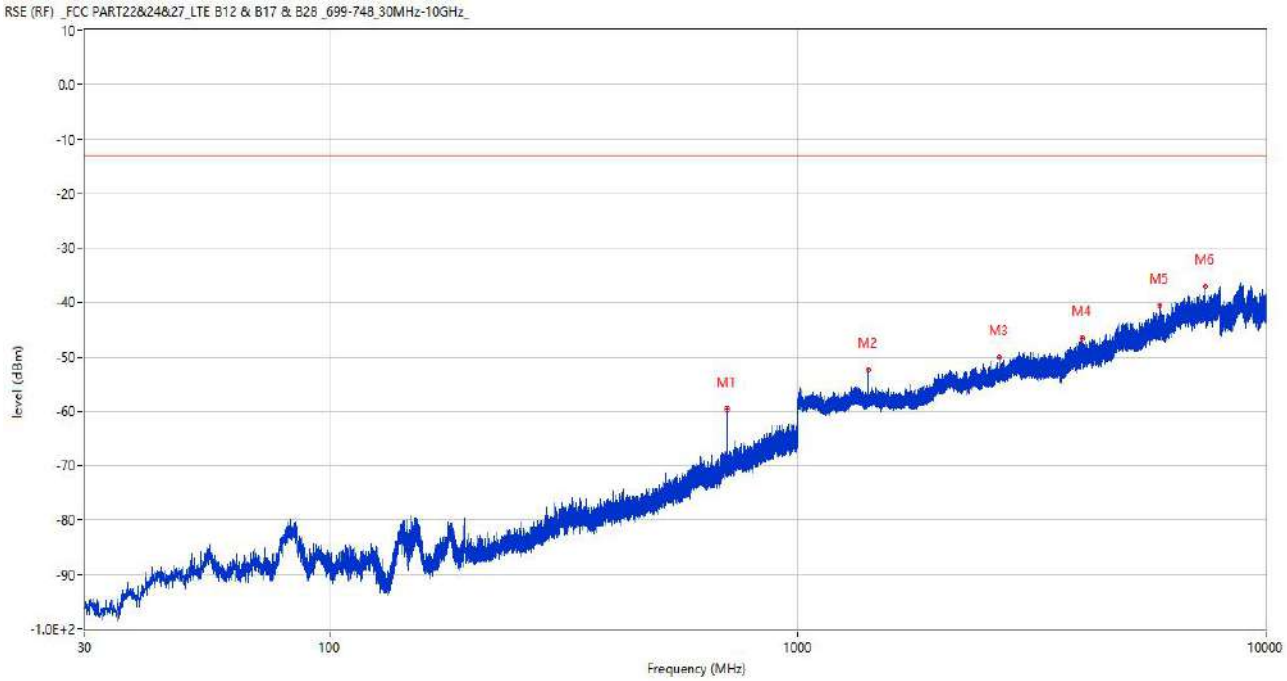
range,BW5



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
748.625	-47.84	3.30	-13.0	34.84	346.00	Vertical	Horizontal	N/A
773.068	-59.27	5.85	-13.0	46.27	0.00	Vertical	Horizontal	N/A
1431.800	-54.90	-3.02	-13.0	41.90	115.00	Vertical	Horizontal	Pass
2923.000	-49.35	4.62	-13.0	36.35	109.00	Vertical	Horizontal	Pass
4988.500	-43.44	13.13	-13.0	30.44	291.00	Vertical	Horizontal	Pass
7098.000	-37.62	16.67	-13.0	24.62	93.00	Vertical	Horizontal	Pass

4.7 LTE Band 17

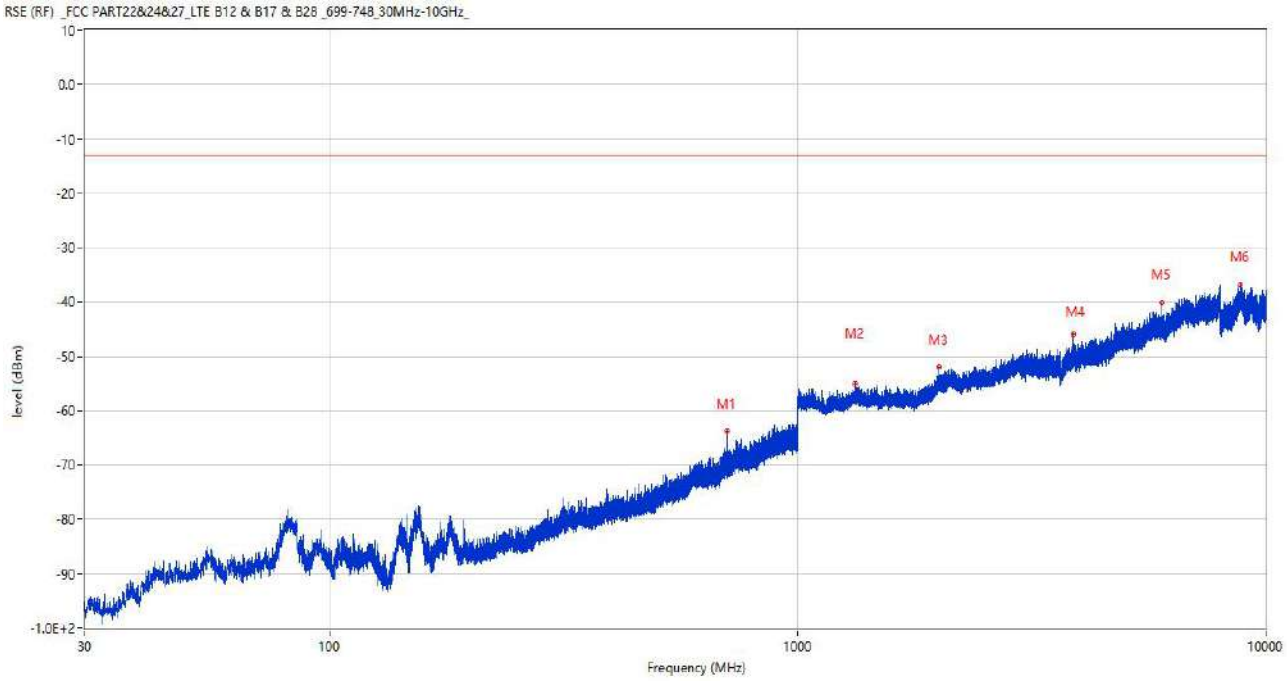
Band:LTE B17,Channel:LOW range,BW5



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
706.721	-59.69	3.36	-13.0	46.69	176.00	Horizontal	Horizontal	N/A
1413.900	-52.41	-3.40	-13.0	39.41	327.00	Horizontal	Horizontal	Pass
2692.900	-50.05	2.15	-13.0	37.05	278.00	Horizontal	Horizontal	Pass
4055.000	-46.60	10.89	-13.0	33.60	141.00	Horizontal	Horizontal	Pass
5933.000	-40.63	14.25	-13.0	27.63	360.00	Horizontal	Horizontal	Pass
7409.250	-37.11	18.01	-13.0	24.11	1.00	Horizontal	Horizontal	Pass

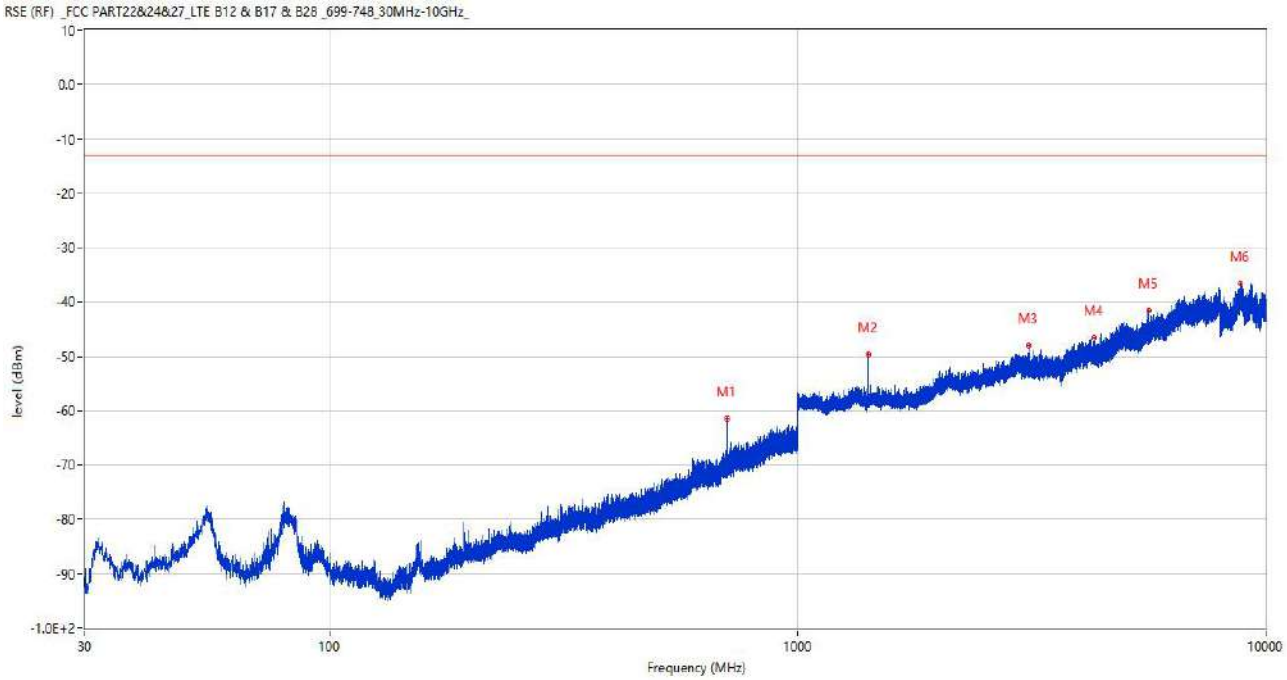
Band:LTE B17,Channel:LOW

range,BW5



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
706.672	-63.70	3.36	-13.0	50.70	127.00	Horizontal	Vertical	N/A
1327.600	-55.05	-2.46	-13.0	42.05	172.00	Horizontal	Vertical	Pass
2002.400	-51.99	-1.18	-13.0	38.99	196.00	Horizontal	Vertical	Pass
3882.750	-45.85	9.40	-13.0	32.85	127.00	Horizontal	Vertical	Pass
6000.000	-40.05	15.09	-13.0	27.05	94.00	Horizontal	Vertical	Pass
8816.800	-36.80	19.82	-13.0	23.80	8.00	Horizontal	Vertical	Pass

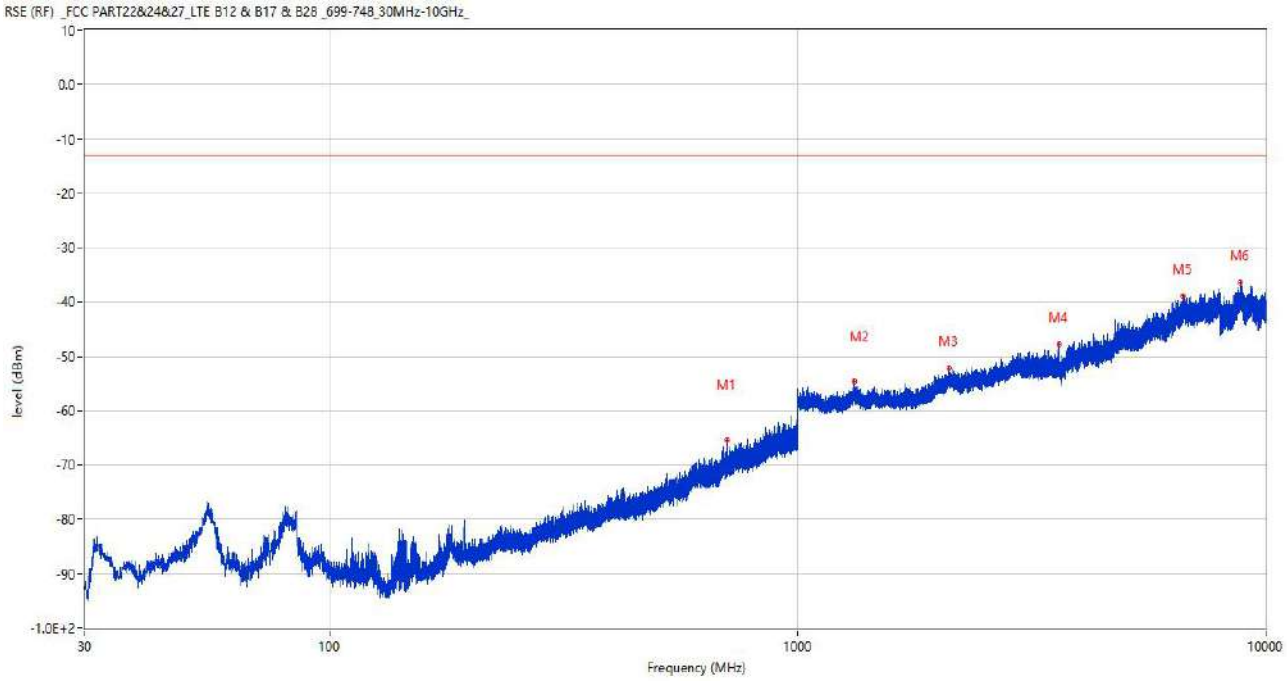
Band:LTE B17,Channel:LOW
range,BW5



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
706.721	-61.52	3.36	-13.0	48.52	350.00	Vertical	Vertical	N/A
1414.100	-49.61	-3.38	-13.0	36.61	289.00	Vertical	Vertical	Pass
3111.000	-48.04	6.39	-13.0	35.04	363.00	Vertical	Vertical	Pass
4296.250	-46.59	10.54	-13.0	33.59	10.00	Vertical	Vertical	Pass
5620.000	-41.60	13.51	-13.0	28.60	159.00	Vertical	Vertical	Pass
8850.300	-36.55	20.36	-13.0	23.55	98.00	Vertical	Vertical	Pass

Band:LTE B17,Channel:LOW

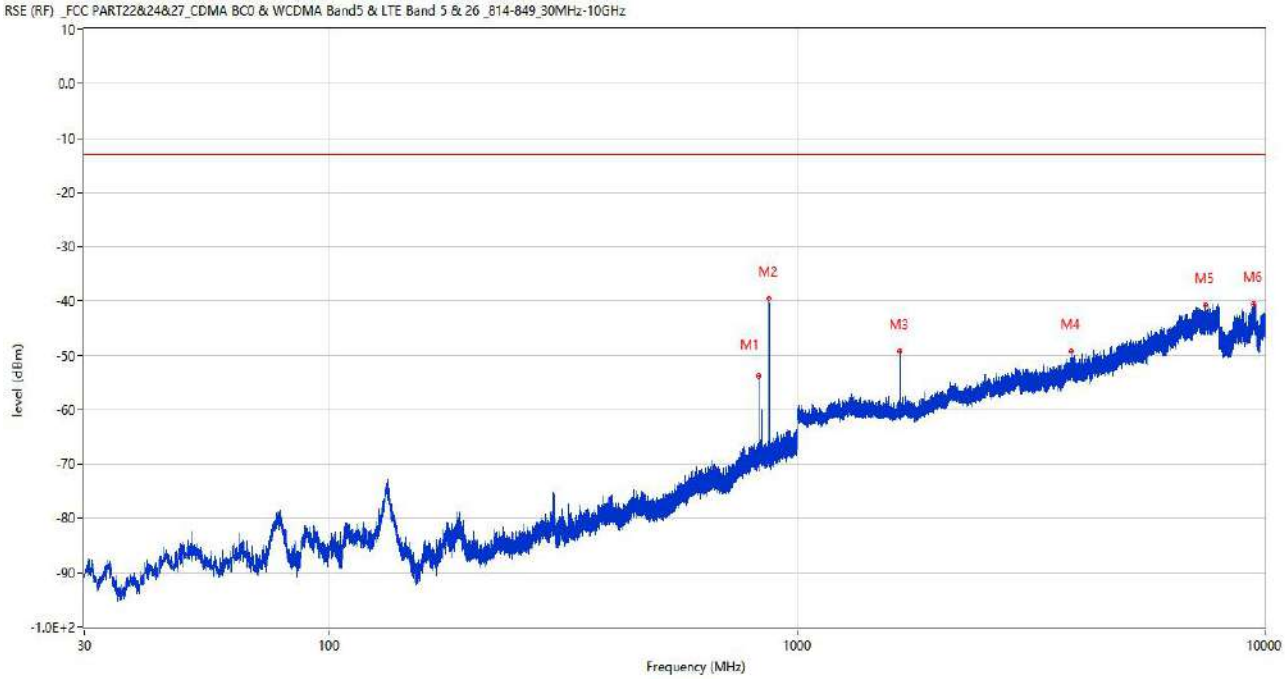
range,BW5



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
706.721	-65.40	3.36	-13.0	52.40	11.00	Vertical	Horizontal	N/A
1321.200	-54.67	-2.68	-13.0	41.67	278.00	Vertical	Horizontal	Pass
2105.100	-52.22	0.16	-13.0	39.22	295.00	Vertical	Horizontal	Pass
3612.000	-47.80	6.68	-13.0	34.80	91.00	Vertical	Horizontal	Pass
6673.250	-38.88	16.69	-13.0	25.88	91.00	Vertical	Horizontal	Pass
8850.000	-36.42	20.36	-13.0	23.42	53.00	Vertical	Horizontal	Pass

4.8 LTE Band 26 (Part 22)

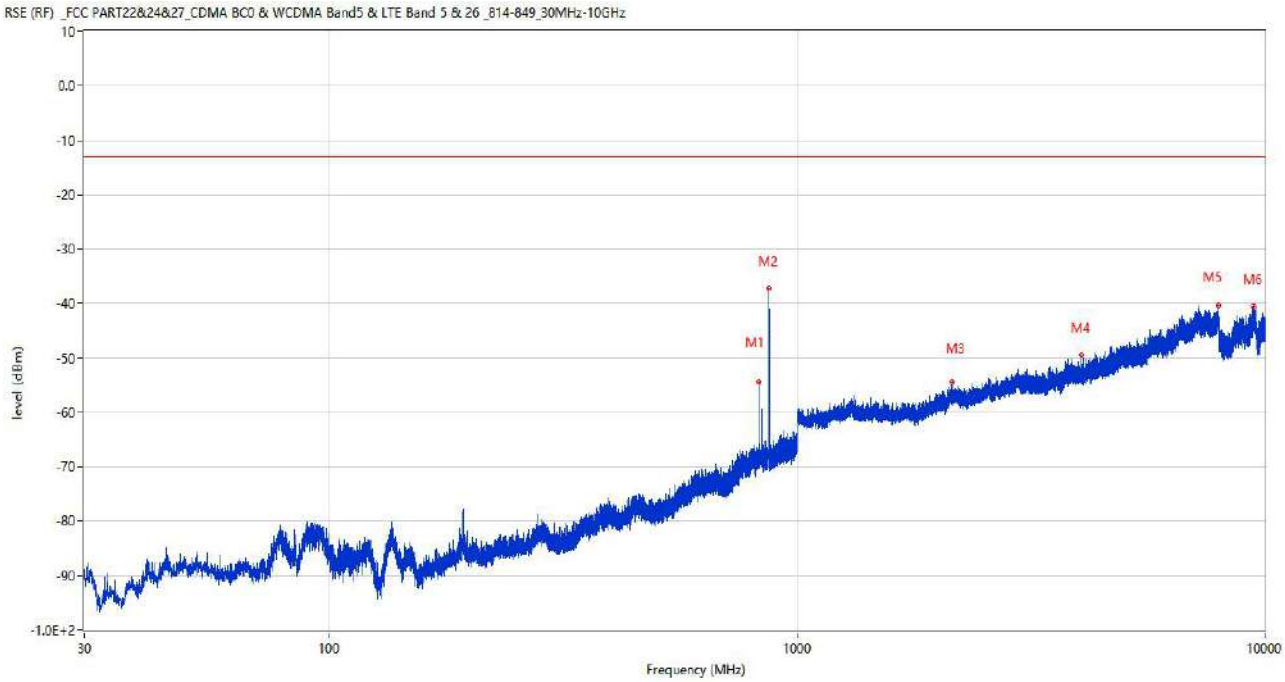
Band:LTE B26,Channel:LOW
range,BW5



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
828.649	-53.78	4.59	-13.0	40.78	227.00	Horizontal	Horizontal	N/A
872.202	-39.52	4.28	-13.0	26.52	56.00	Horizontal	Horizontal	N/A
1658.100	-49.21	-5.79	-13.0	36.21	350.00	Horizontal	Horizontal	Pass
3857.750	-49.18	7.21	-13.0	36.18	124.00	Horizontal	Horizontal	Pass
7478.750	-40.72	14.08	-13.0	27.72	31.00	Horizontal	Horizontal	Pass
9470.401	-40.58	13.35	-13.0	27.58	360.00	Horizontal	Horizontal	Pass

Band:LTE B26,Channel:LOW

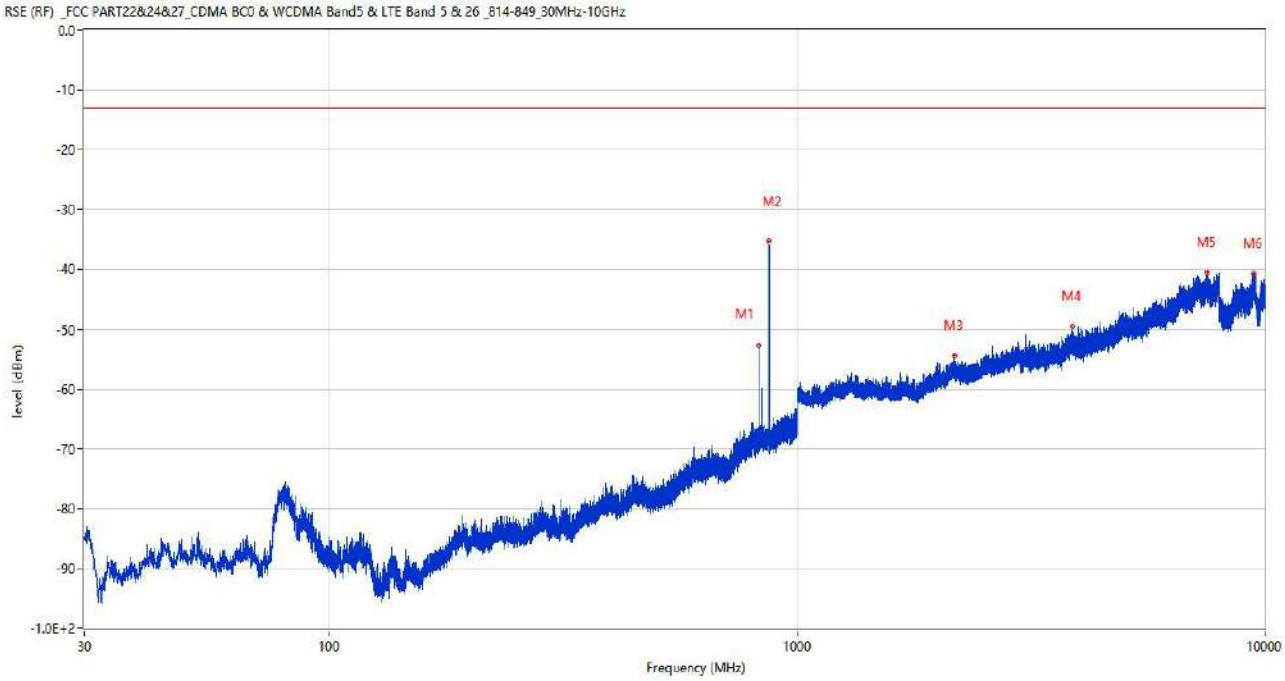
range,BW5



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
828.649	-54.51	4.59	-13.0	41.51	0.00	Horizontal	Vertical	N/A
869.681	-37.27	4.44	-13.0	24.27	73.00	Horizontal	Vertical	N/A
2144.200	-54.44	-1.98	-13.0	41.44	173.00	Horizontal	Vertical	Pass
4051.250	-49.42	6.79	-13.0	36.42	40.00	Horizontal	Vertical	Pass
7956.250	-40.26	15.11	-13.0	27.26	114.00	Horizontal	Vertical	Pass
9447.500	-40.63	13.76	-13.0	27.63	160.00	Horizontal	Vertical	Pass

Band:LTE B26,Channel:LOW

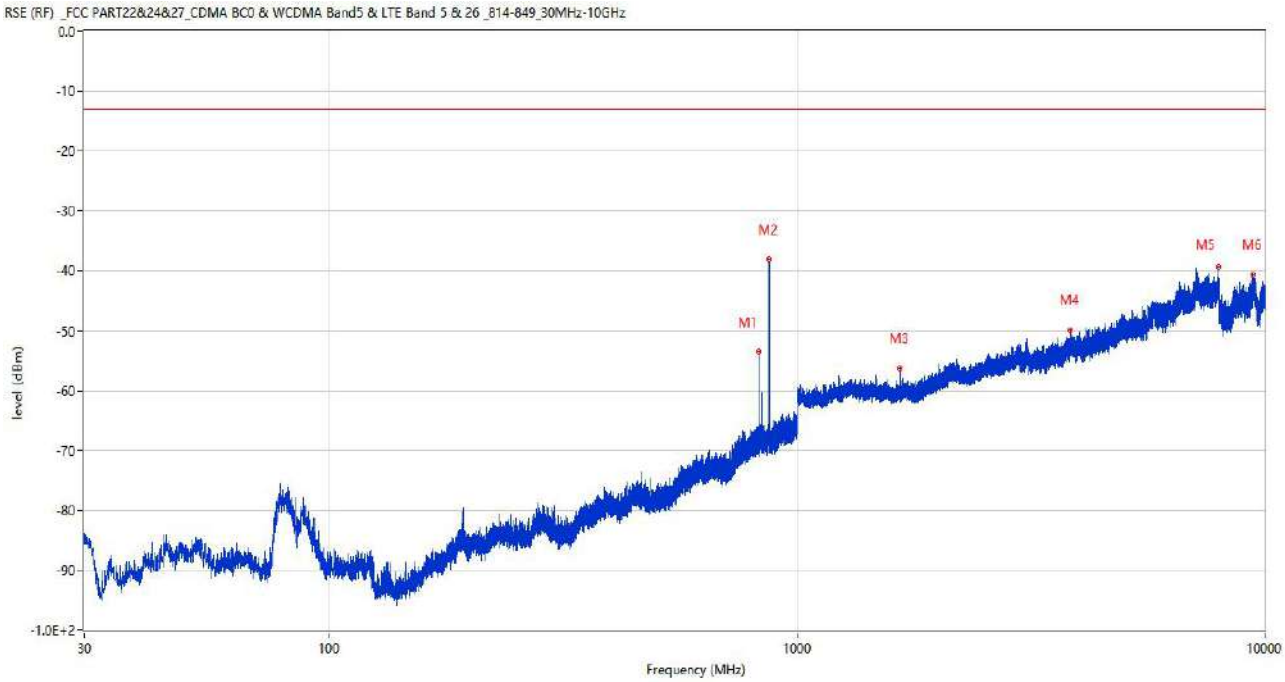
range,BW5



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
828.746	-52.77	4.59	-13.0	39.77	301.00	Vertical	Vertical	N/A
872.736	-35.13	4.17	-13.0	22.13	116.00	Vertical	Vertical	N/A
2165.500	-54.34	-2.28	-13.0	41.34	77.00	Vertical	Vertical	Pass
3874.250	-49.46	7.17	-13.0	36.46	293.00	Vertical	Vertical	Pass
7524.250	-40.46	13.36	-13.0	27.46	350.00	Vertical	Vertical	Pass
9468.701	-40.58	13.38	-13.0	27.58	249.00	Vertical	Vertical	Pass

Band:LTE B26,Channel:LOW

range,BW5

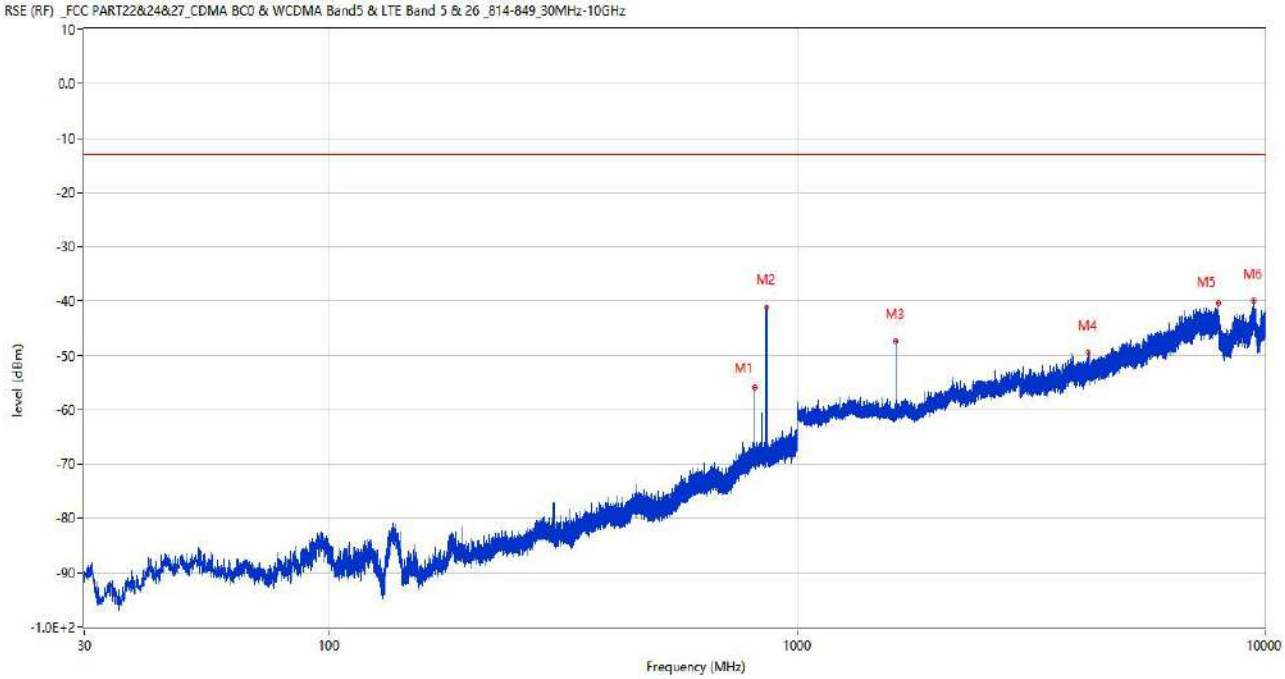


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
828.601	-53.41	4.59	-13.0	40.41	299.00	Vertical	Horizontal	N/A
870.796	-38.05	4.29	-13.0	25.05	13.00	Vertical	Horizontal	N/A
1658.100	-56.31	-5.79	-13.0	43.31	39.00	Vertical	Horizontal	Pass
3838.750	-49.90	6.51	-13.0	36.90	177.00	Vertical	Horizontal	Pass
7952.500	-39.41	15.15	-13.0	26.41	316.00	Vertical	Horizontal	Pass
9441.200	-40.61	13.71	-13.0	27.61	0.00	Vertical	Horizontal	Pass

4.9 LTE Band 26 (Part 90)

Band:LTE B26,Channel:LOW

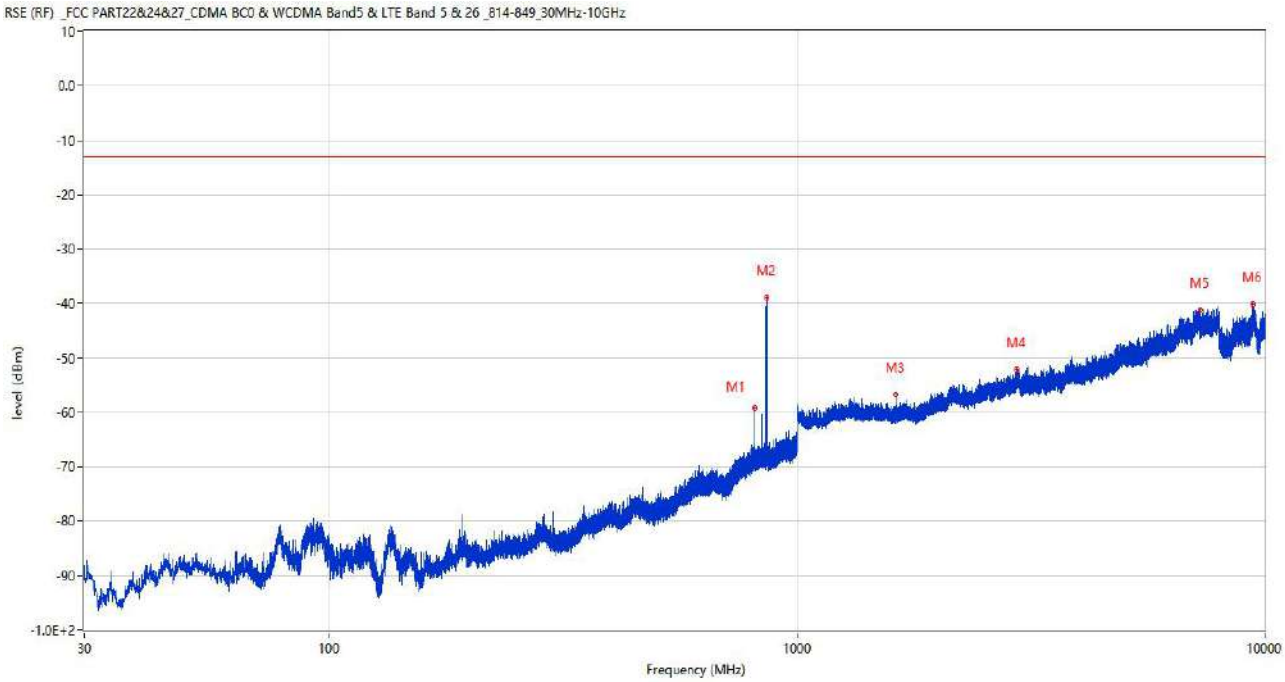
range,BW5



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
814.391	-55.79	4.25	-13.0	42.79	266.00	Horizontal	Horizontal	N/A
863.424	-41.07	4.24	-13.0	28.07	323.00	Horizontal	Horizontal	N/A
1629.500	-47.38	-6.02	-13.0	34.38	104.00	Horizontal	Horizontal	Pass
4194.750	-49.54	7.18	-13.0	36.54	27.00	Horizontal	Horizontal	Pass
7973.250	-40.27	15.17	-13.0	27.27	45.00	Horizontal	Horizontal	Pass
9447.000	-39.86	13.76	-13.0	26.86	360.00	Horizontal	Horizontal	Pass

Band:LTE B26,Channel:LOW

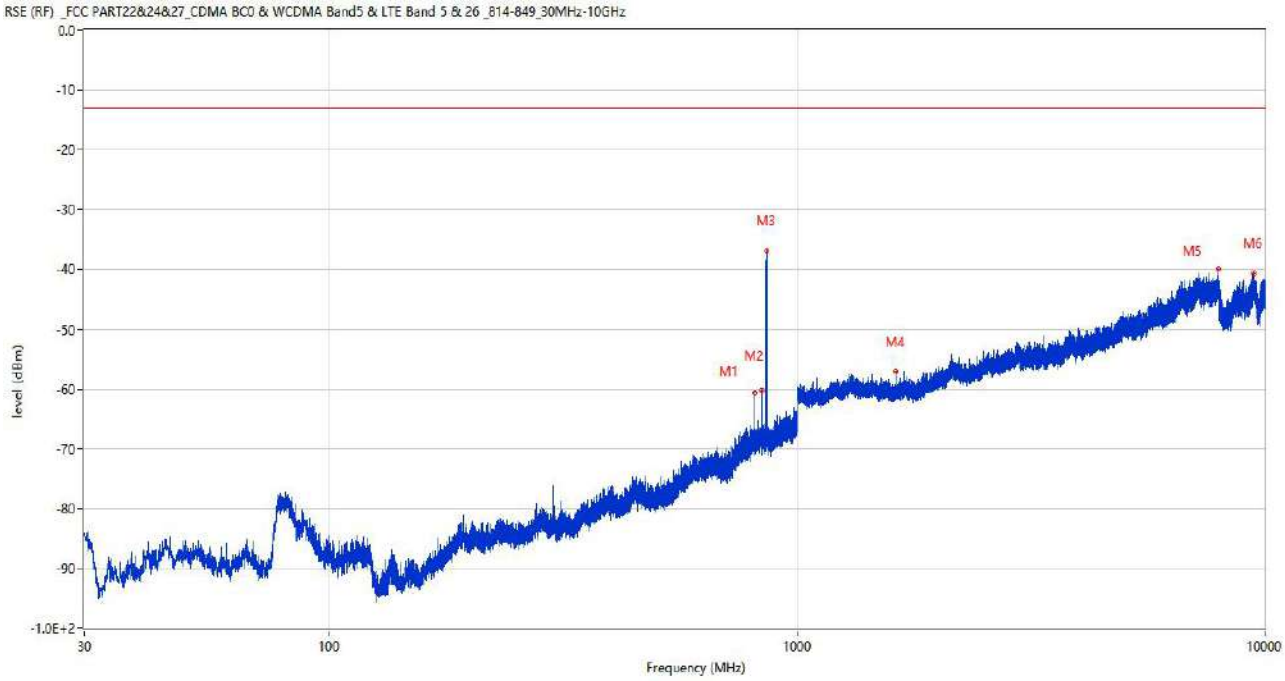
range,BW5



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
814.342	-59.21	4.25	-13.0	46.21	138.00	Horizontal	Vertical	N/A
861.872	-38.96	4.25	-13.0	25.96	118.00	Horizontal	Vertical	N/A
1629.600	-56.68	-6.00	-13.0	43.68	8.00	Horizontal	Vertical	Pass
2952.400	-52.20	2.33	-13.0	39.20	316.00	Horizontal	Vertical	Pass
7262.500	-41.17	14.60	-13.0	28.17	24.00	Horizontal	Vertical	Pass
9438.099	-40.23	13.68	-13.0	27.23	77.00	Horizontal	Vertical	Pass

Band:LTE B26,Channel:LOW

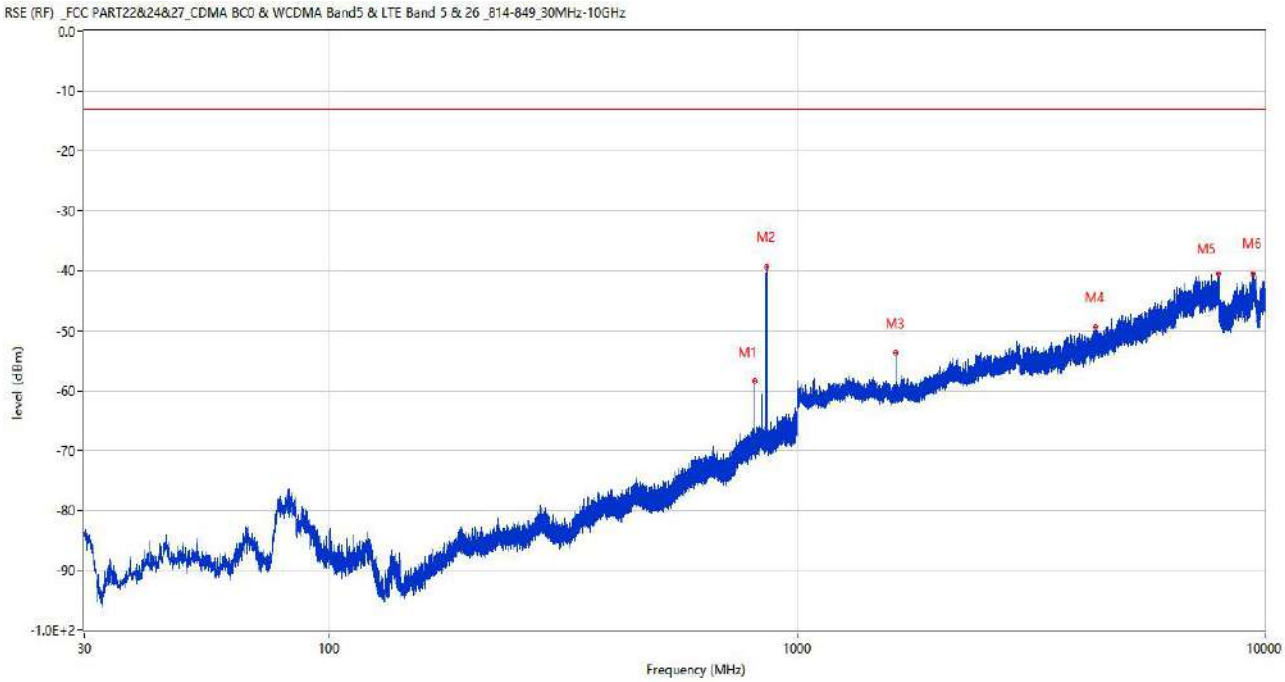
range,BW5



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
814.342	-60.72	4.25	-13.0	47.72	302.00	Vertical	Vertical	N/A
839.998	-60.25	5.03	-13.0	47.25	168.00	Vertical	Vertical	Pass
862.842	-36.88	4.25	-13.0	23.88	149.00	Vertical	Vertical	N/A
1629.500	-57.11	-6.02	-13.0	44.11	147.00	Vertical	Vertical	Pass
7974.250	-39.86	15.24	-13.0	26.86	325.00	Vertical	Vertical	Pass
9446.500	-40.68	13.75	-13.0	27.68	109.00	Vertical	Vertical	Pass

Band:LTE B26,Channel:LOW

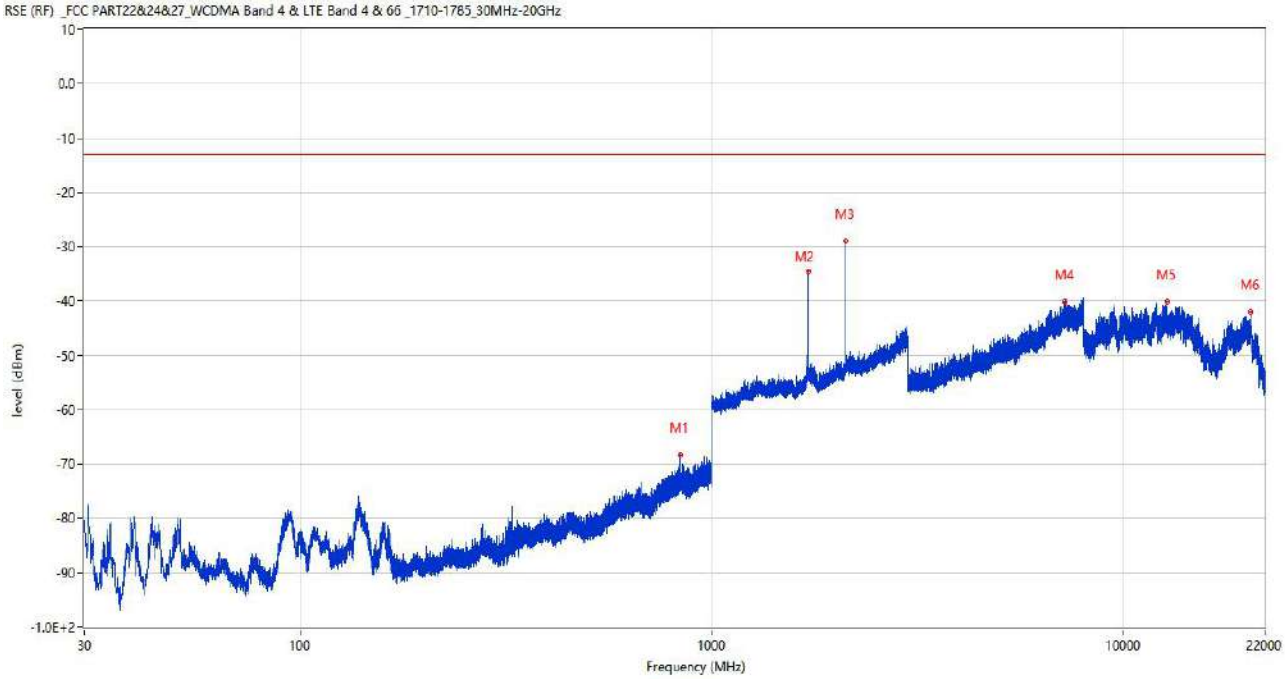
range,BW5



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
814.391	-58.34	4.25	-13.0	45.34	303.00	Vertical	Horizontal	N/A
863.230	-39.29	4.25	-13.0	26.29	359.00	Vertical	Horizontal	N/A
1629.200	-53.72	-6.00	-13.0	40.72	76.00	Vertical	Horizontal	Pass
4350.750	-49.43	7.25	-13.0	36.43	94.00	Vertical	Horizontal	Pass
7964.250	-40.51	15.11	-13.0	27.51	281.00	Vertical	Horizontal	Pass
9431.800	-40.42	13.63	-13.0	27.42	360.00	Vertical	Horizontal	Pass

4.10 LTE Band 66

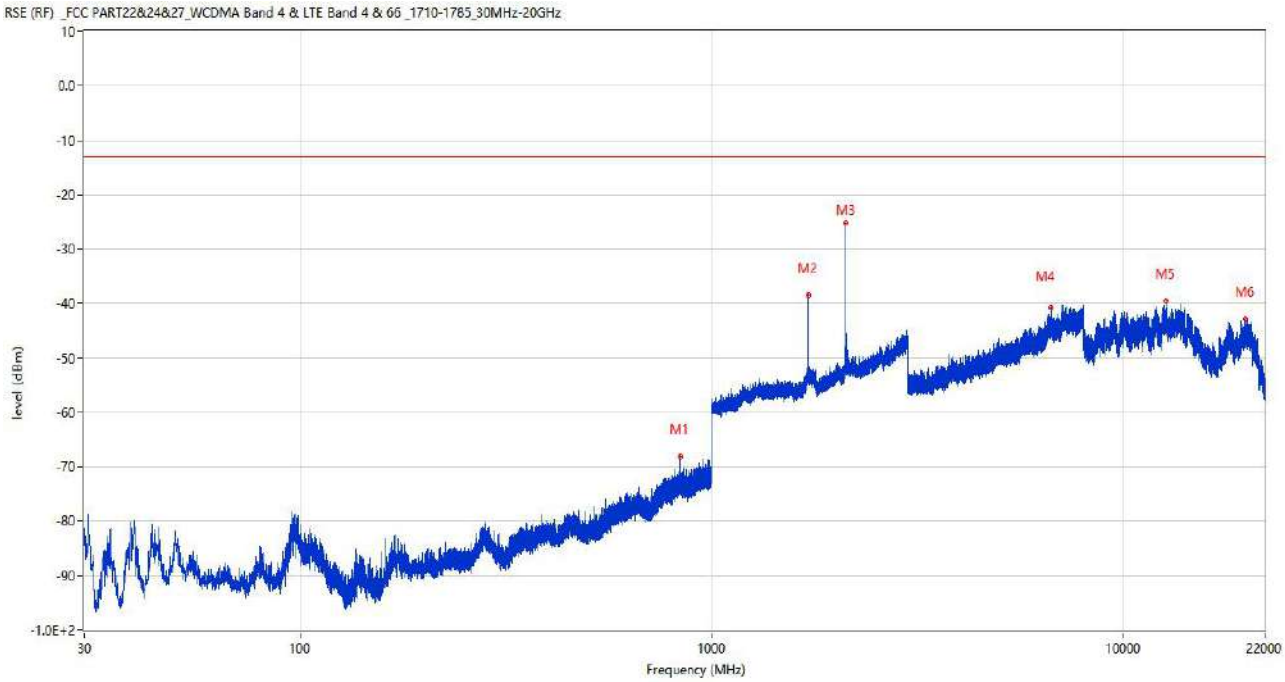
Band:LTE B66,Channel:LOW range,BW5



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
839.998	-68.39	-0.14	-13.0	55.39	25.00	Horizontal	Horizontal	Pass
1713.500	-34.63	1.35	-13.0	21.63	190.00	Horizontal	Horizontal	N/A
2113.100	-28.93	2.81	-13.0	15.93	199.00	Horizontal	Horizontal	N/A
7196.000	-40.18	14.40	-13.0	27.18	13.00	Horizontal	Horizontal	Pass
12736.700	-40.15	14.81	-13.0	27.15	3.00	Horizontal	Horizontal	Pass
20281.350	-42.01	12.79	-13.0	29.01	0.00	Horizontal	Horizontal	Pass

Band:LTE B66,Channel:LOW

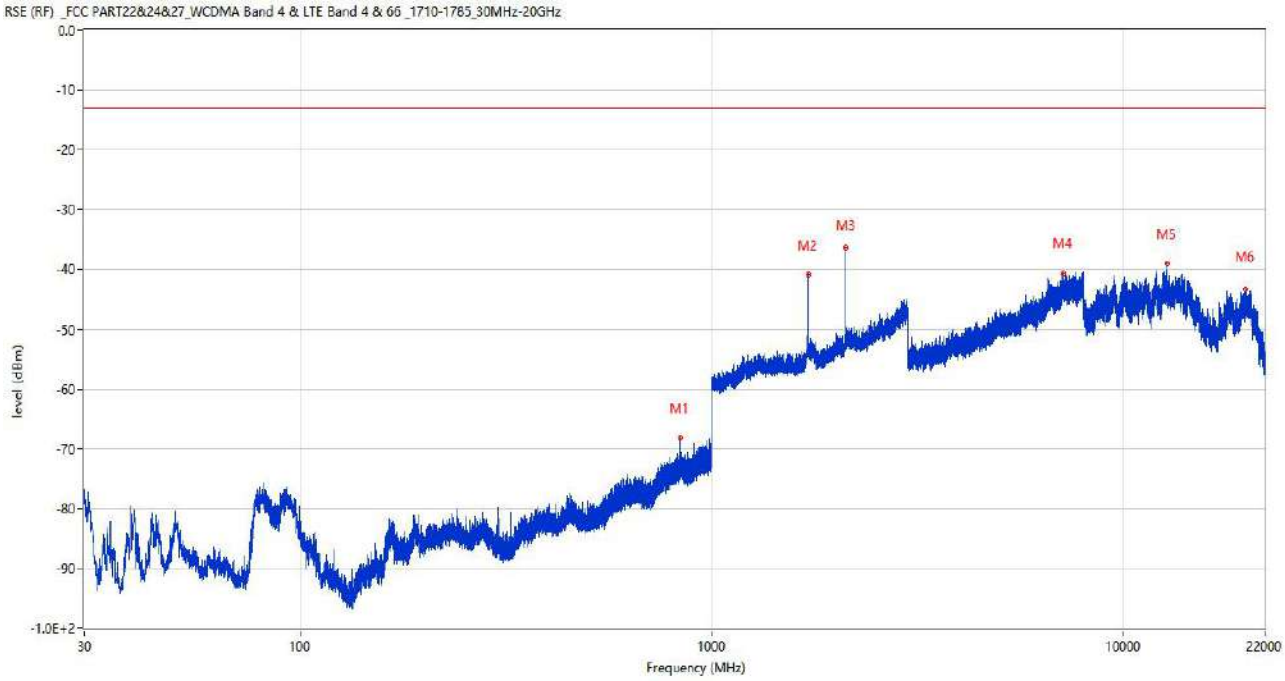
range,BW5



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
839.998	-68.06	-0.14	-13.0	55.06	17.00	Horizontal	Vertical	Pass
1713.500	-38.55	1.35	-13.0	25.55	180.00	Horizontal	Vertical	N/A
2113.000	-25.30	2.80	-13.0	12.30	84.00	Horizontal	Vertical	N/A
6650.500	-40.76	13.01	-13.0	27.76	220.00	Horizontal	Vertical	Pass
12671.863	-39.49	14.45	-13.0	26.49	0.00	Horizontal	Vertical	Pass
19762.887	-42.80	12.67	-13.0	29.80	103.00	Horizontal	Vertical	Pass

Band:LTE B66,Channel:LOW

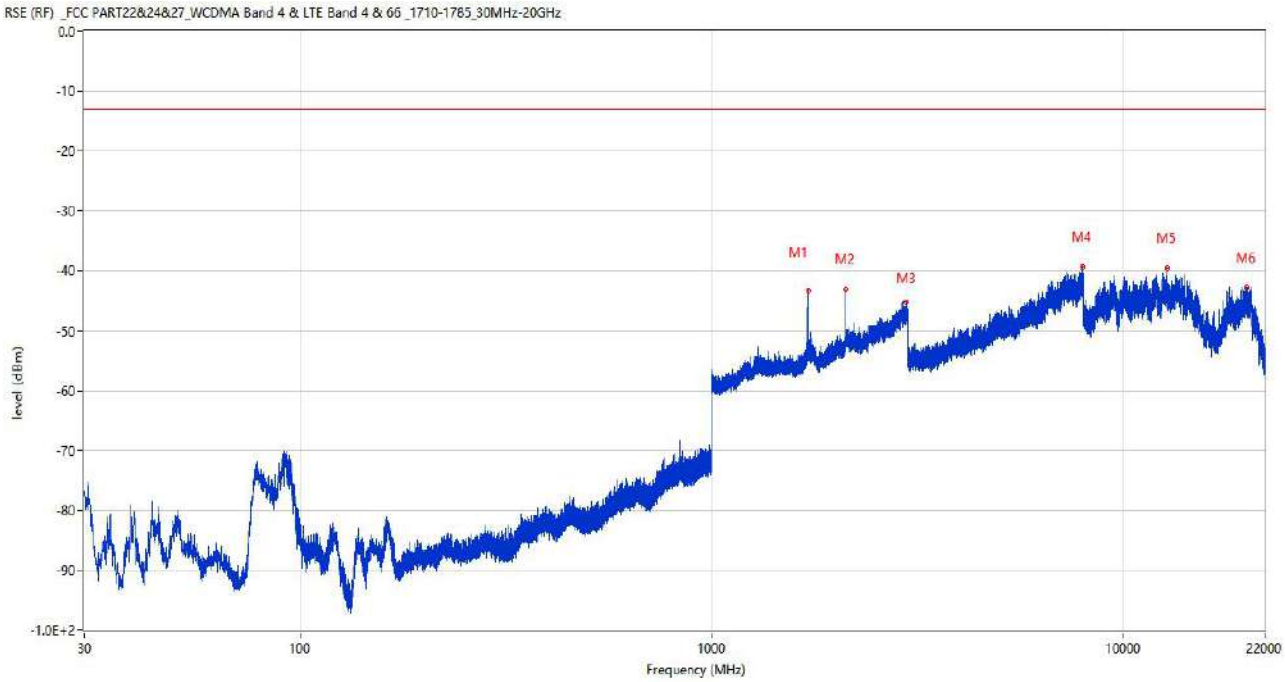
range,BW5



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
839.998	-68.26	-0.14	-13.0	55.26	274.00	Vertical	Vertical	Pass
1713.400	-40.91	1.35	-13.0	27.91	115.00	Vertical	Vertical	N/A
2114.300	-36.30	2.92	-13.0	23.30	43.00	Vertical	Vertical	N/A
7128.750	-40.65	13.85	-13.0	27.65	359.00	Vertical	Vertical	Pass
12721.738	-39.04	14.84	-13.0	26.04	150.00	Vertical	Vertical	Pass
19746.699	-43.41	12.66	-13.0	30.41	1.00	Vertical	Vertical	Pass

Band:LTE B66,Channel:LOW

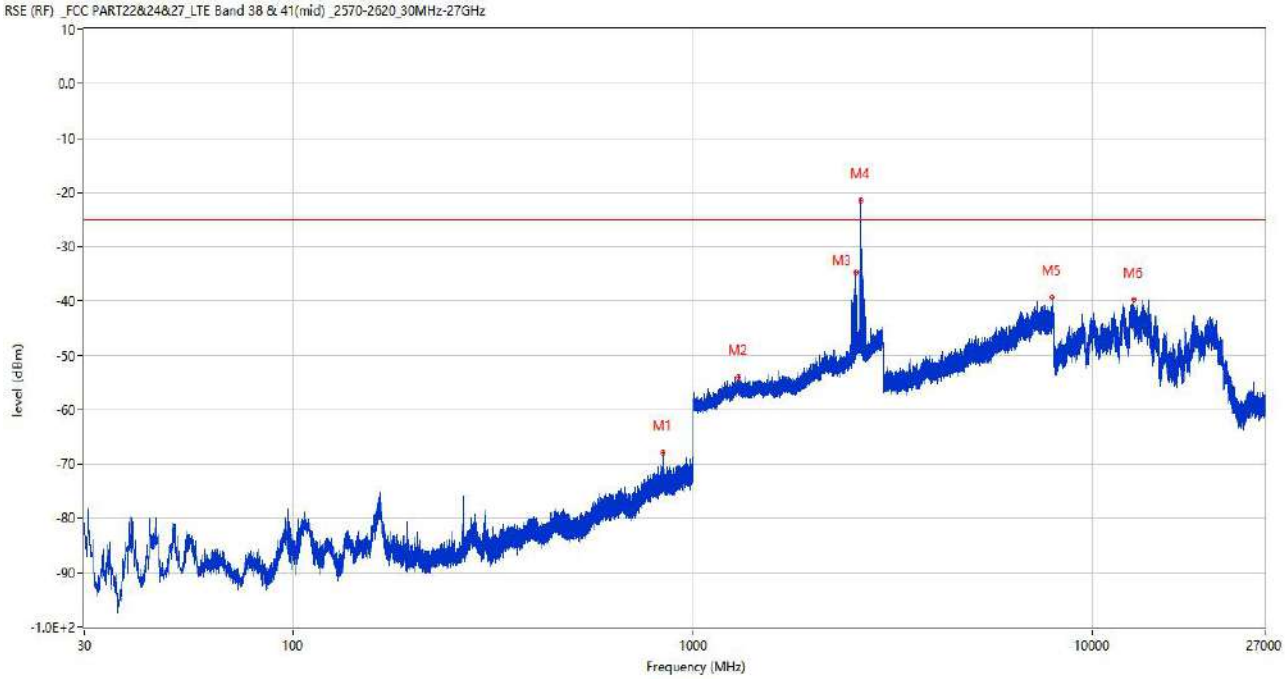
range,BW5



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
1713.300	-43.26	1.35	-13.0	30.26	180.00	Vertical	Horizontal	N/A
2114.700	-43.06	2.94	-13.0	30.06	314.00	Vertical	Horizontal	N/A
2959.900	-45.18	9.60	-13.0	32.18	1.00	Vertical	Horizontal	Pass
7945.750	-39.39	15.18	-13.0	26.39	28.00	Vertical	Horizontal	Pass
12715.088	-39.49	14.85	-13.0	26.49	162.00	Vertical	Horizontal	Pass
19887.301	-42.78	12.70	-13.0	29.78	3.00	Vertical	Horizontal	Pass

4.11 LTE Band 38

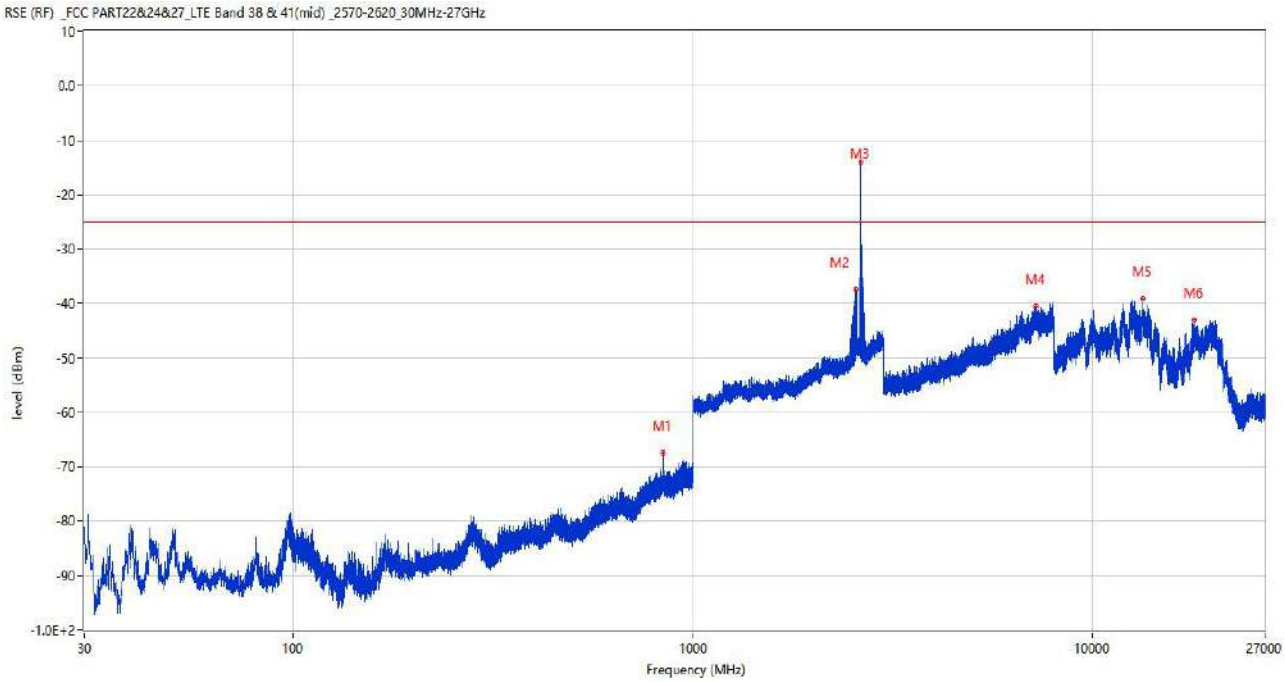
Band:LTE B38,Channel:HIGH range,BW5



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
839.998	-67.99	-0.14	-25.0	42.99	41.00	Horizontal	Horizontal	Pass
1303.400	-53.95	-0.95	-25.0	28.95	257.00	Horizontal	Horizontal	Pass
2549.900	-34.82	6.03	-25.0	9.82	127.00	Horizontal	Horizontal	Pass
2622.800	-21.42	8.46	-25.0	-3.58	49.00	Horizontal	Horizontal	N/A
7923.500	-39.28	14.80	-25.0	14.28	207.00	Horizontal	Horizontal	Pass
12699.175	-39.68	14.78	-25.0	14.68	63.00	Horizontal	Horizontal	Pass

Band:LTE B38,Channel:HIGH

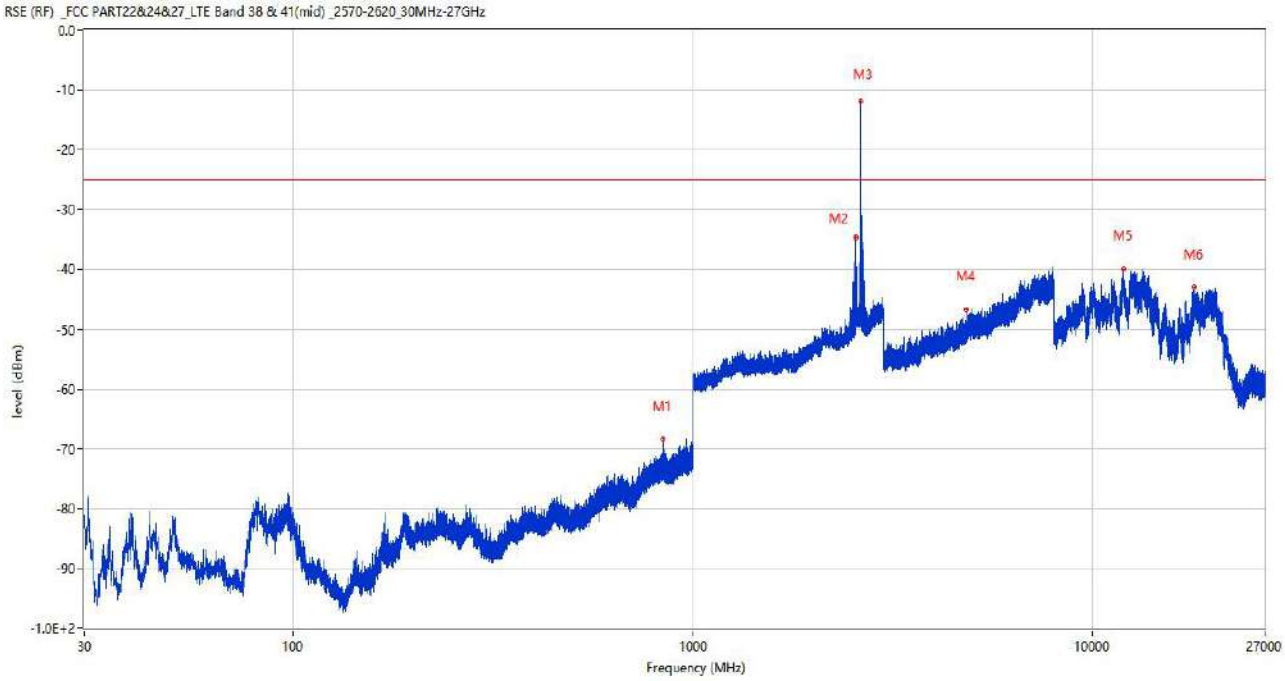
range,BW5



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
839.998	-67.41	-0.14	-25.0	42.41	230.00	Horizontal	Vertical	Pass
2558.900	-37.50	7.50	-25.0	12.50	108.00	Horizontal	Vertical	Pass
2626.100	-13.96	8.07	-25.0	-11.04	359.00	Horizontal	Vertical	N/A
7226.750	-40.59	14.26	-25.0	15.59	292.00	Horizontal	Vertical	Pass
13406.250	-39.18	16.87	-25.0	14.18	354.00	Horizontal	Vertical	Pass
17964.300	-43.09	13.74	-25.0	18.09	114.00	Horizontal	Vertical	Pass

Band:LTE B38,Channel:HIGH

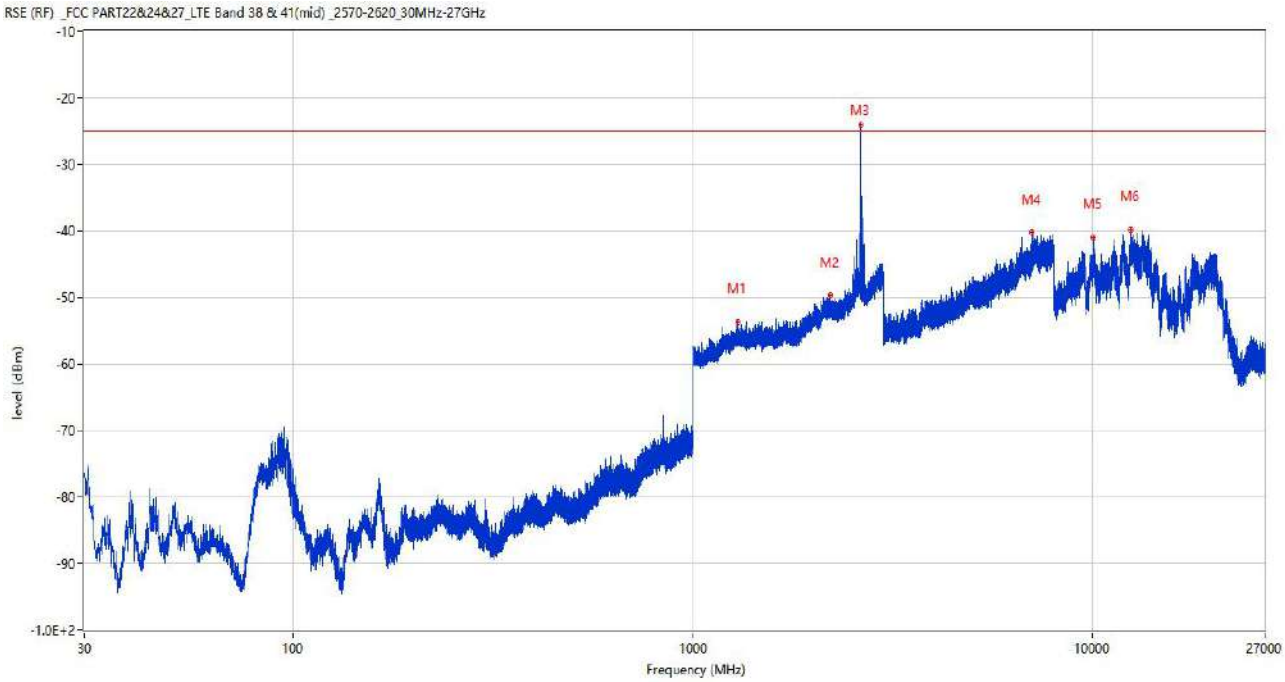
range,BW5



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
840.047	-68.32	-0.13	-25.0	43.32	278.00	Vertical	Vertical	Pass
2558.900	-34.66	7.50	-25.0	9.66	19.00	Vertical	Vertical	Pass
2626.000	-11.79	8.18	-25.0	-13.21	90.00	Vertical	Vertical	N/A
4824.500	-46.63	7.98	-25.0	21.63	311.00	Vertical	Vertical	Pass
11984.538	-39.93	13.88	-25.0	14.93	178.00	Vertical	Vertical	Pass
18013.499	-42.95	12.85	-25.0	17.95	250.00	Vertical	Vertical	Pass

Band:LTE B38,Channel:HIGH

range,BW5

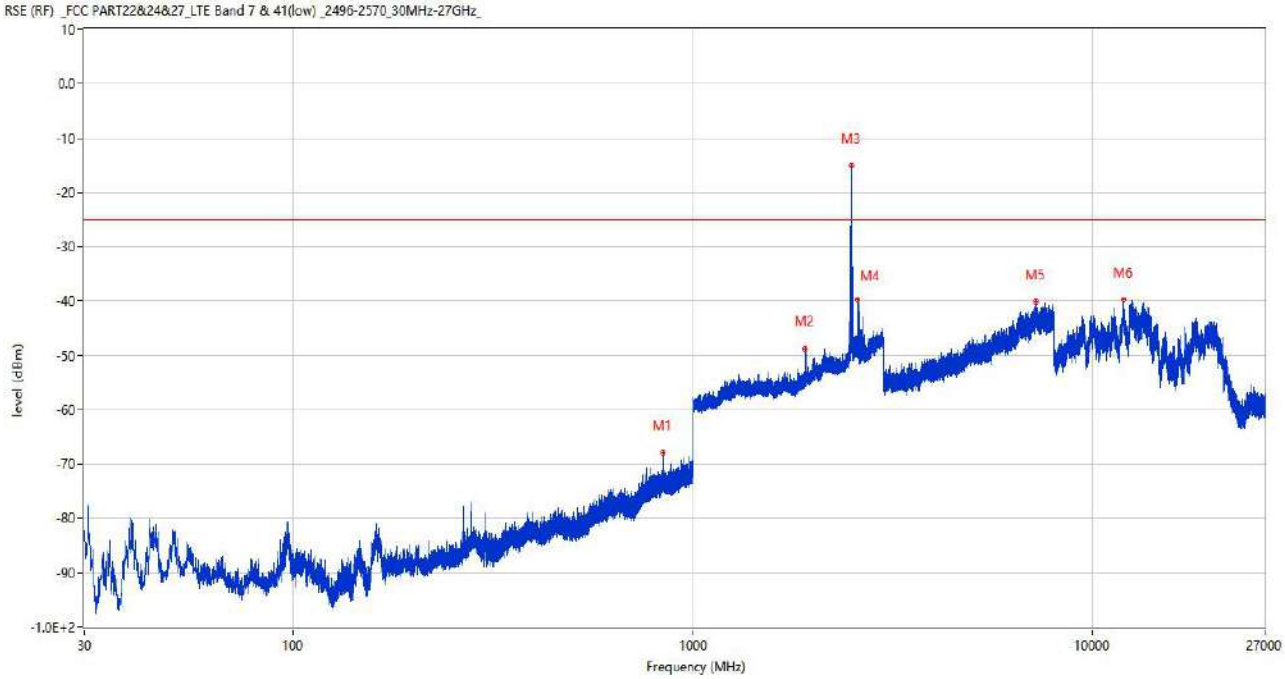


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
1294.700	-53.73	-1.07	-25.0	28.73	192.00	Vertical	Horizontal	Pass
2201.800	-49.67	3.25	-25.0	24.67	187.00	Vertical	Horizontal	Pass
2626.000	-24.04	8.18	-25.0	-0.96	287.00	Vertical	Horizontal	N/A
7049.500	-40.10	13.33	-25.0	15.10	355.00	Vertical	Horizontal	Pass
10062.925	-41.00	12.86	-25.0	16.00	142.00	Vertical	Horizontal	Pass
12488.988	-39.77	14.62	-25.0	14.77	0.00	Vertical	Horizontal	Pass

4.12 LTE Band 41

Band:LTE B41,Channel:LOW

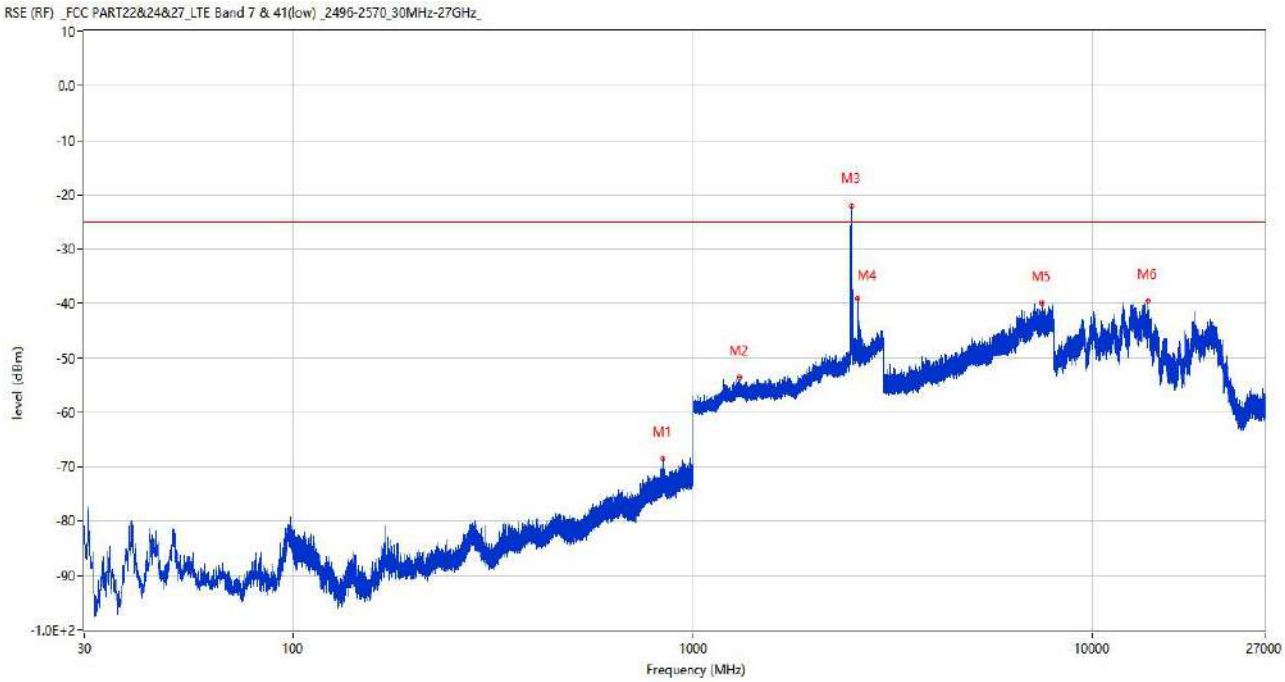
range,BW5



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
839.998	-67.84	-0.14	-25.0	42.84	202.00	Horizontal	Horizontal	Pass
1914.600	-48.73	0.10	-25.0	23.73	244.00	Horizontal	Horizontal	Pass
2492.200	-14.99	6.81	-25.0	-10.01	46.00	Horizontal	Horizontal	N/A
2580.200	-39.70	7.36	-25.0	14.70	104.00	Horizontal	Horizontal	Pass
7235.500	-40.22	14.39	-25.0	15.22	207.00	Horizontal	Horizontal	Pass
11938.938	-39.72	13.99	-25.0	14.72	305.00	Horizontal	Horizontal	Pass

Band:LTE B41,Channel:LOW

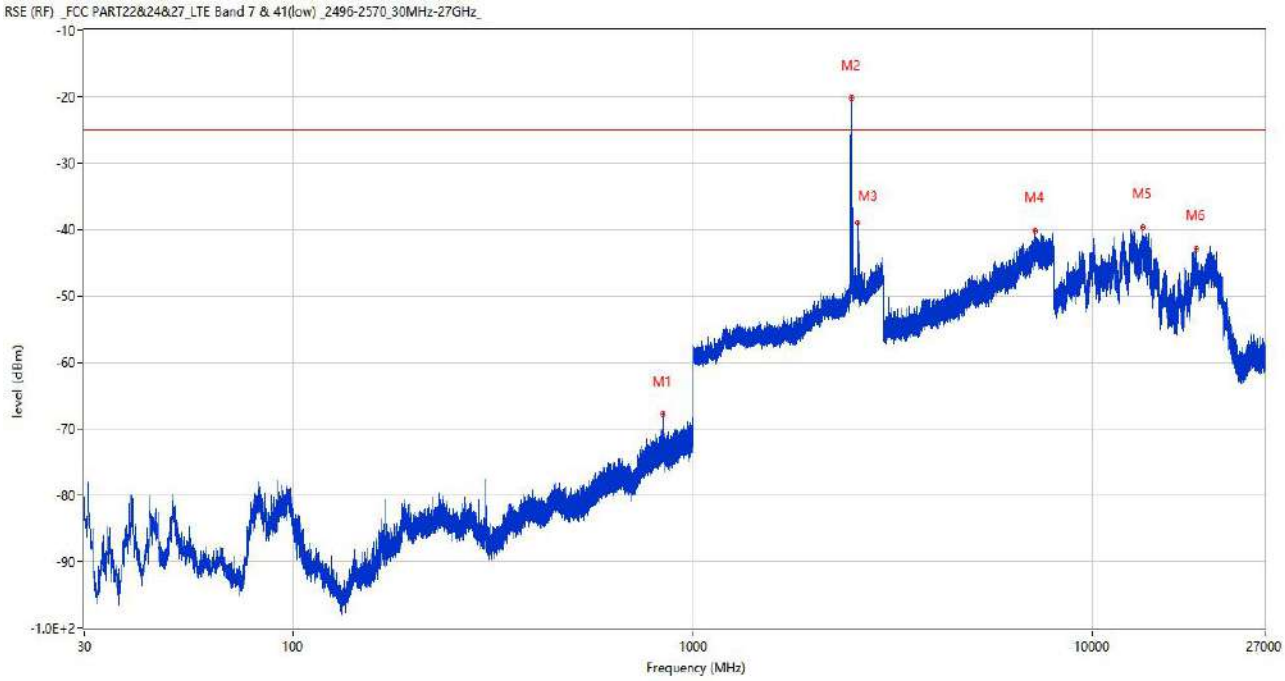
range,BW5



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
839.998	-68.48	-0.14	-25.0	43.48	19.00	Horizontal	Vertical	Pass
1305.300	-53.66	-0.80	-25.0	28.66	234.00	Horizontal	Vertical	Pass
2492.500	-22.01	6.81	-25.0	-2.99	296.00	Horizontal	Vertical	N/A
2582.800	-39.02	6.97	-25.0	14.02	76.00	Horizontal	Vertical	Pass
7478.500	-39.97	14.08	-25.0	14.97	174.00	Horizontal	Vertical	Pass
13792.650	-39.50	16.52	-25.0	14.50	88.00	Horizontal	Vertical	Pass

Band:LTE B41,Channel:LOW

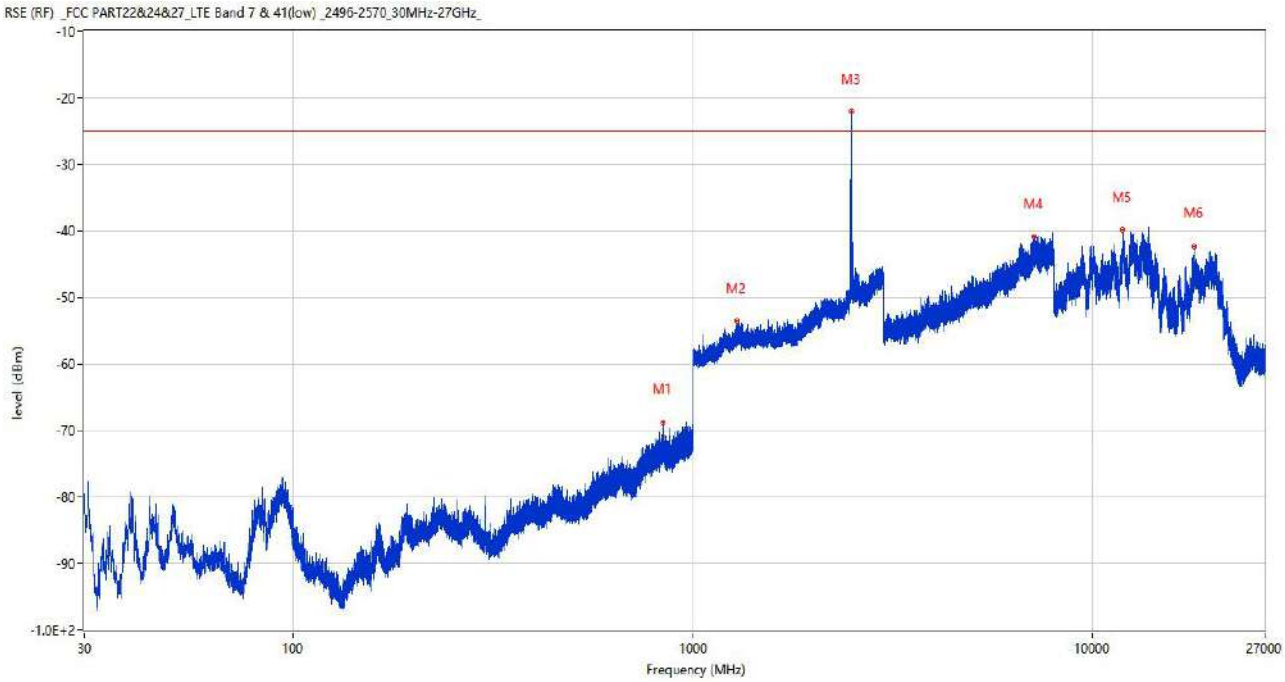
range,BW5



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
839.998	-67.85	-0.14	-25.0	42.85	1.00	Vertical	Vertical	Pass
2491.800	-20.21	6.80	-25.0	-4.79	360.00	Vertical	Vertical	N/A
2588.500	-38.99	6.32	-25.0	13.99	17.00	Vertical	Vertical	Pass
7176.000	-40.11	14.10	-25.0	15.11	81.00	Vertical	Vertical	Pass
13352.700	-39.62	16.57	-25.0	14.62	286.00	Vertical	Vertical	Pass
18223.651	-42.85	12.86	-25.0	17.85	122.00	Vertical	Vertical	Pass

Band:LTE B41,Channel:LOW

range,BW5

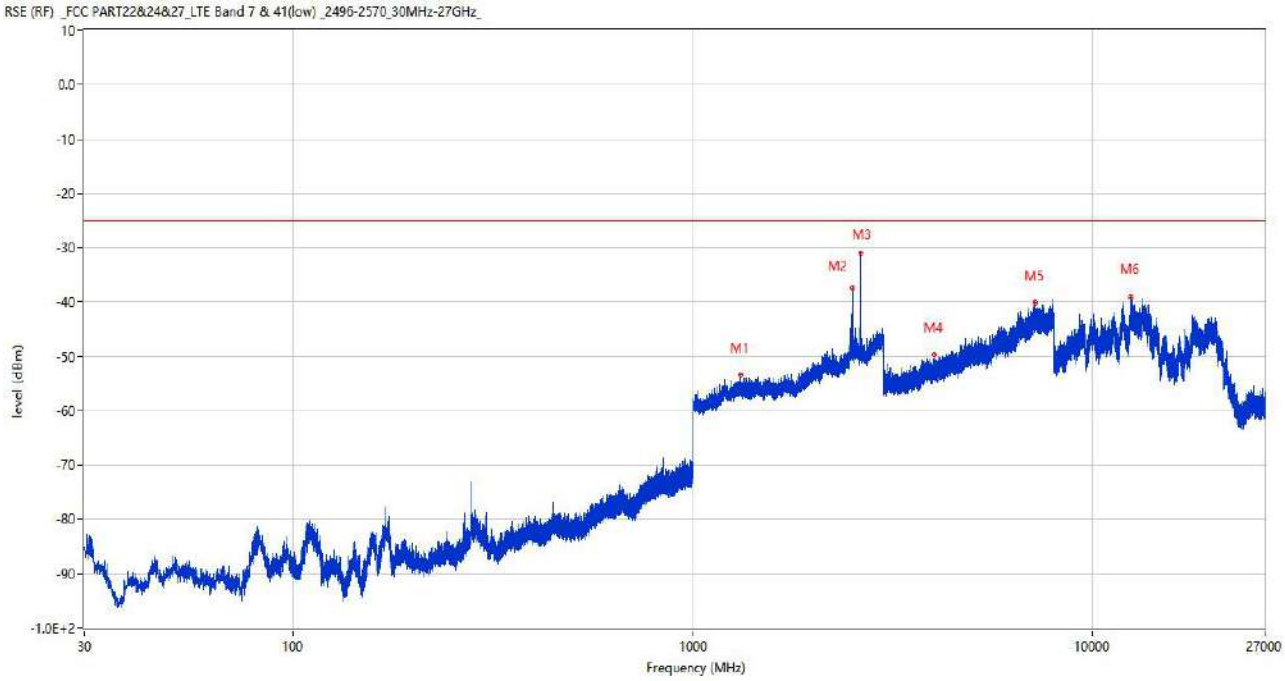


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
839.998	-68.81	-0.14	-25.0	43.81	257.00	Vertical	Horizontal	Pass
1287.700	-53.57	-1.15	-25.0	28.57	146.00	Vertical	Horizontal	Pass
2492.300	-22.09	6.81	-25.0	-2.91	35.00	Vertical	Horizontal	N/A
7119.000	-40.86	13.77	-25.0	15.86	141.00	Vertical	Horizontal	Pass
11935.849	-39.88	13.99	-25.0	14.88	84.00	Vertical	Horizontal	Pass
17976.113	-42.35	13.44	-25.0	17.35	358.00	Vertical	Horizontal	Pass

4.13 CA_7C

Band:CA_7C,BW :10+20 Channel:LOW

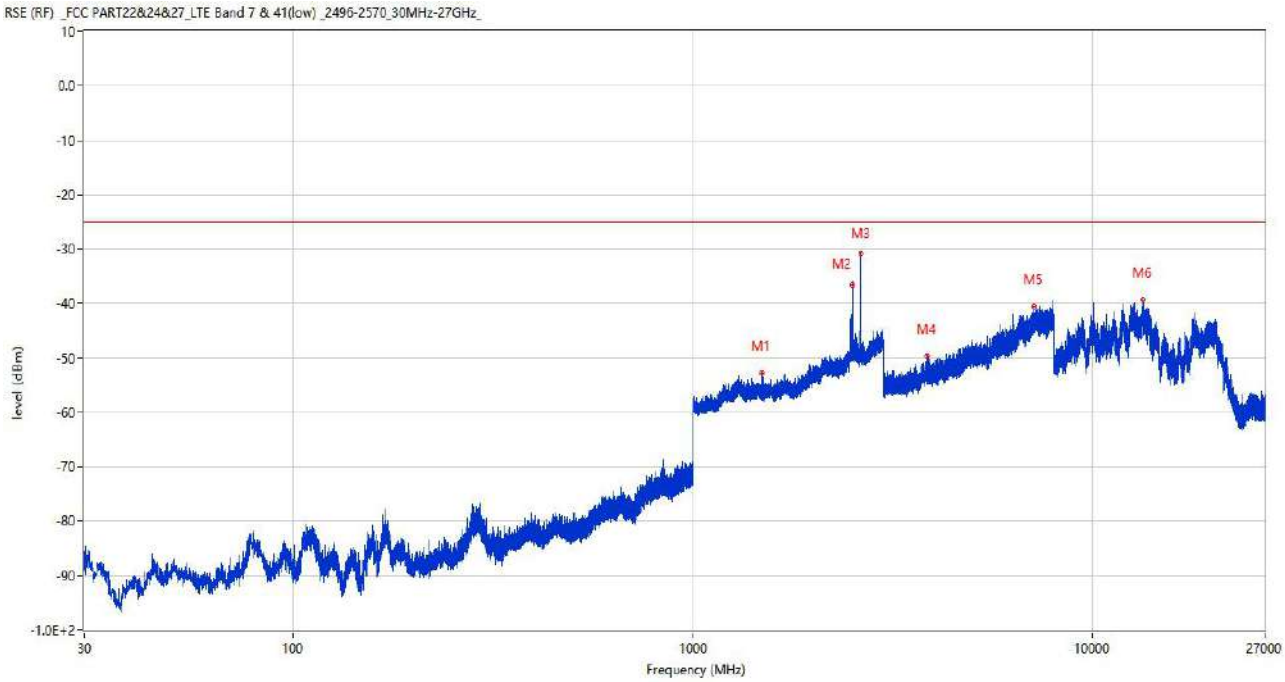
range



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
1313.100	-53.37	-0.98	-25.0	28.37	147.00	Horizontal	Horizontal	Pass
2510.700	-37.53	6.98	-25.0	12.53	64.00	Horizontal	Horizontal	N/A
2623.700	-30.91	5.36	-25.0	5.91	199.00	Horizontal	Horizontal	N/A
4008.250	-49.57	6.94	-25.0	24.57	85.00	Horizontal	Horizontal	Pass
7189.250	-40.20	14.16	-25.0	15.20	298.00	Horizontal	Horizontal	Pass
12478.537	-39.00	14.53	-25.0	14.00	3.00	Horizontal	Horizontal	Pass

Band:CA_7C,BW :10+20 Channel:LOW

range



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
1484.200	-52.79	-1.37	-25.0	27.79	302.00	Horizontal	Vertical	Pass
2510.500	-36.66	6.97	-25.0	11.66	183.00	Horizontal	Vertical	N/A
2624.400	-30.82	5.41	-25.0	5.82	189.00	Horizontal	Vertical	N/A
3862.250	-49.67	7.11	-25.0	24.67	7.00	Horizontal	Vertical	Pass
7127.750	-40.64	13.77	-25.0	15.64	360.00	Horizontal	Vertical	Pass
13396.013	-39.39	16.97	-25.0	14.39	1.00	Horizontal	Vertical	Pass

Band:CA_7C,BW :10+20 Channel:LOW

range

Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
1283.500	-53.80	-1.33	-25.0	28.80	122.00	Vertical	Vertical	Pass
2510.800	-38.04	6.98	-25.0	13.04	41.00	Vertical	Vertical	N/A
2623.500	-39.57	5.34	-25.0	14.57	277.00	Vertical	Vertical	N/A
3870.750	-49.45	7.04	-25.0	24.45	18.00	Vertical	Vertical	Pass
7097.000	-40.58	13.42	-25.0	15.58	317.00	Vertical	Vertical	Pass
13356.637	-39.33	16.60	-25.0	14.33	1.00	Vertical	Vertical	Pass

Band:CA_7C,BW :10+20 Channel:LOW

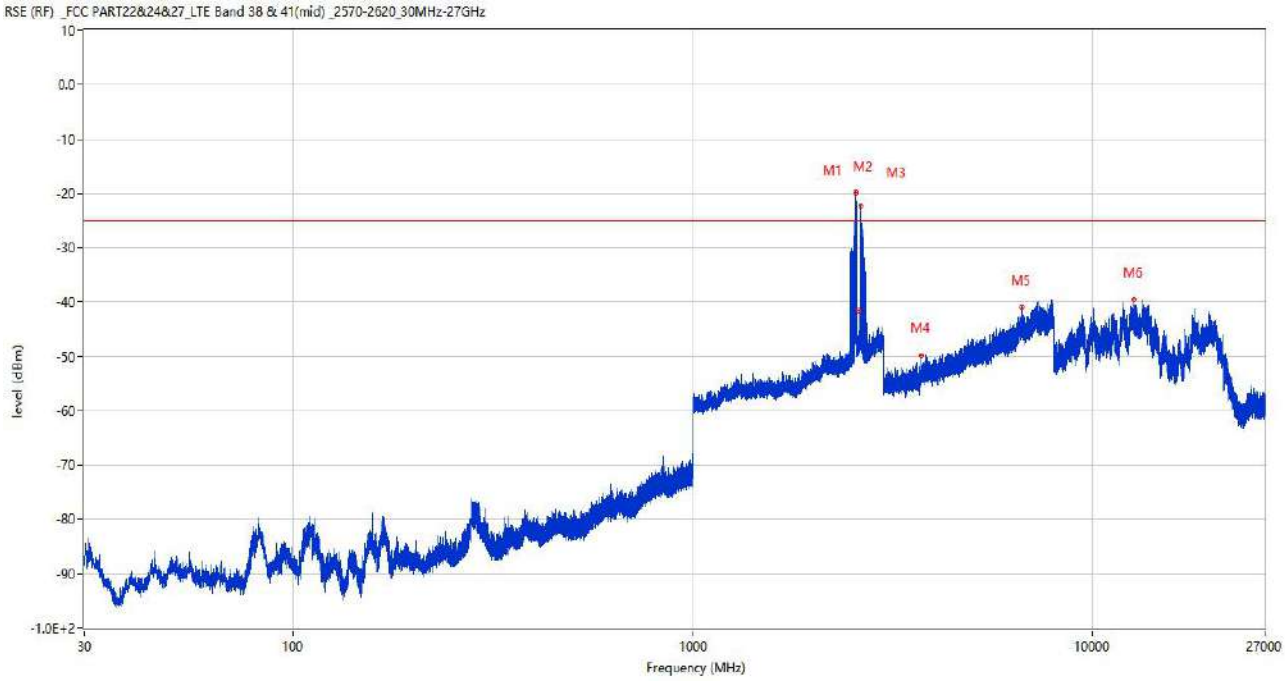
range

Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
1304.900	-53.96	-0.76	-25.0	28.96	133.00	Vertical	Horizontal	Pass
2510.600	-46.33	6.98	-25.0	21.33	75.00	Vertical	Horizontal	N/A
2625.700	-40.97	5.56	-25.0	15.97	334.00	Vertical	Horizontal	N/A
3860.750	-50.01	7.13	-25.0	25.01	308.00	Vertical	Horizontal	Pass
7505.000	-40.36	13.78	-25.0	15.36	360.00	Vertical	Horizontal	Pass
13391.287	-39.17	16.93	-25.0	14.17	229.00	Vertical	Horizontal	Pass

4.14 CA_38C

Band:CA_38C,BW :15+15 Channel:MID

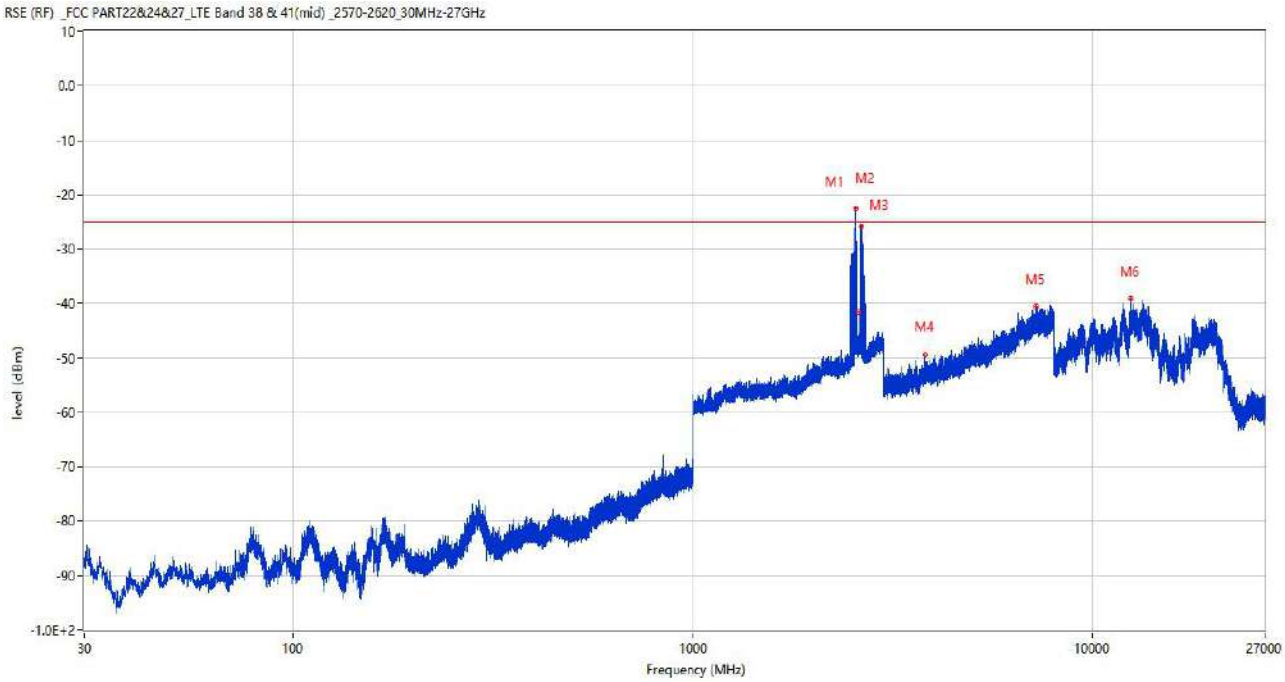
range



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
2558.200	-19.88	7.29	-25.0	-5.12	123.00	Horizontal	Horizontal	N/A
2595.000	-41.64	8.14	-25.0	16.64	123.00	Horizontal	Horizontal	N/A
2628.000	-22.36	7.01	-25.0	-2.64	28.00	Horizontal	Horizontal	N/A
3732.750	-49.95	5.31	-25.0	24.95	95.00	Horizontal	Horizontal	Pass
6653.250	-40.97	12.89	-25.0	15.97	40.00	Horizontal	Horizontal	Pass
12692.763	-39.56	14.71	-25.0	14.56	320.00	Horizontal	Horizontal	Pass

Band:CA_38C,BW :15+15 Channel:MID

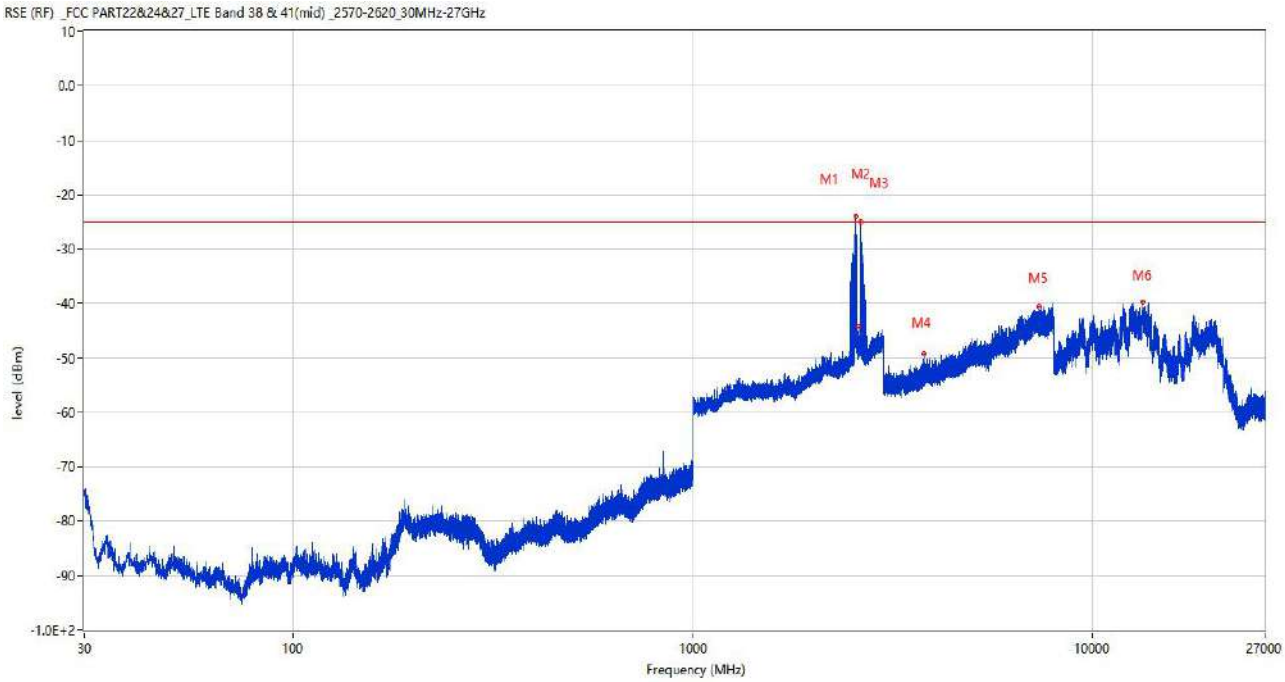
range



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
2551.600	-22.48	6.22	-25.0	-2.52	188.00	Horizontal	Vertical	N/A
2595.000	-41.60	8.14	-25.0	16.60	175.00	Horizontal	Vertical	N/A
2638.400	-25.93	6.64	-25.0	0.93	93.00	Horizontal	Vertical	N/A
3807.250	-49.35	6.06	-25.0	24.35	97.00	Horizontal	Vertical	Pass
7232.500	-40.59	14.19	-25.0	15.59	74.00	Horizontal	Vertical	Pass
12496.825	-39.17	14.69	-25.0	14.17	104.00	Horizontal	Vertical	Pass

Band:CA_38C,BW :15+15 Channel:MID

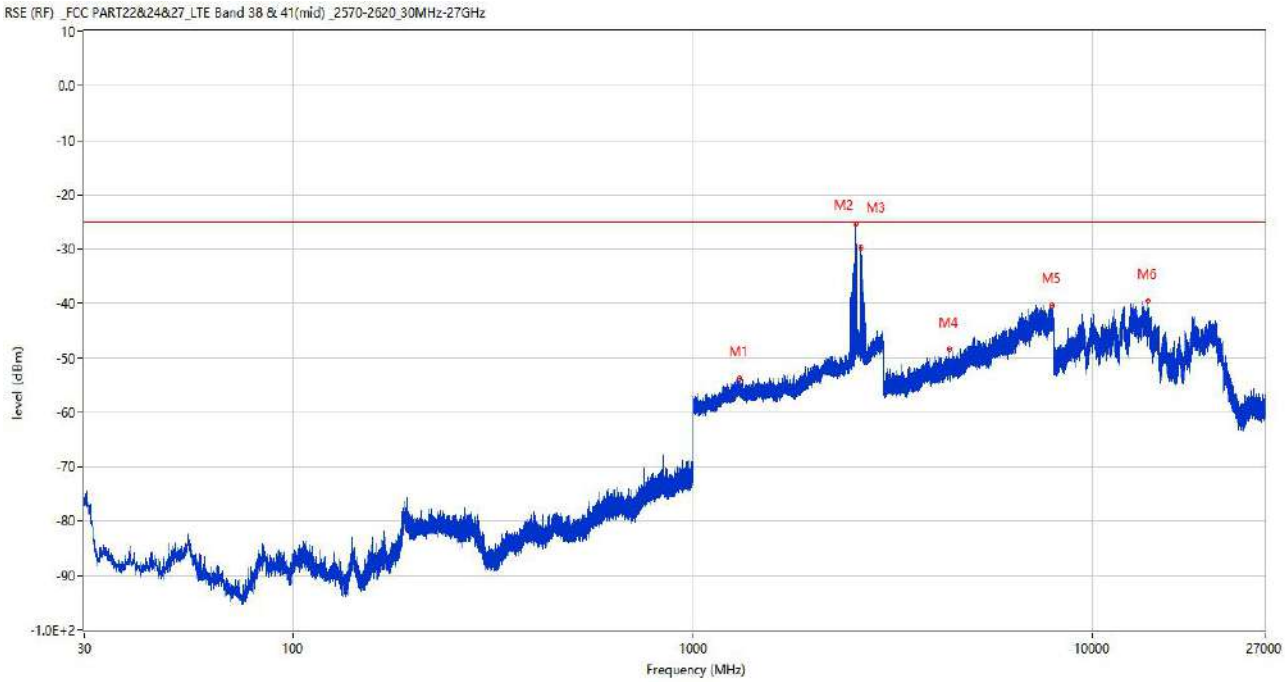
range



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
2554.700	-24.08	6.47	-25.0	-0.92	353.00	Vertical	Vertical	N/A
2595.000	-44.21	8.14	-25.0	19.21	353.00	Vertical	Vertical	N/A
2629.600	-25.09	6.73	-25.0	0.09	9.00	Vertical	Vertical	N/A
3780.500	-49.29	6.16	-25.0	24.29	96.00	Vertical	Vertical	Pass
7358.750	-40.46	14.61	-25.0	15.46	74.00	Vertical	Vertical	Pass
13407.037	-39.80	16.86	-25.0	14.80	275.00	Vertical	Vertical	Pass

Band:CA_38C,BW :15+15 Channel:MID

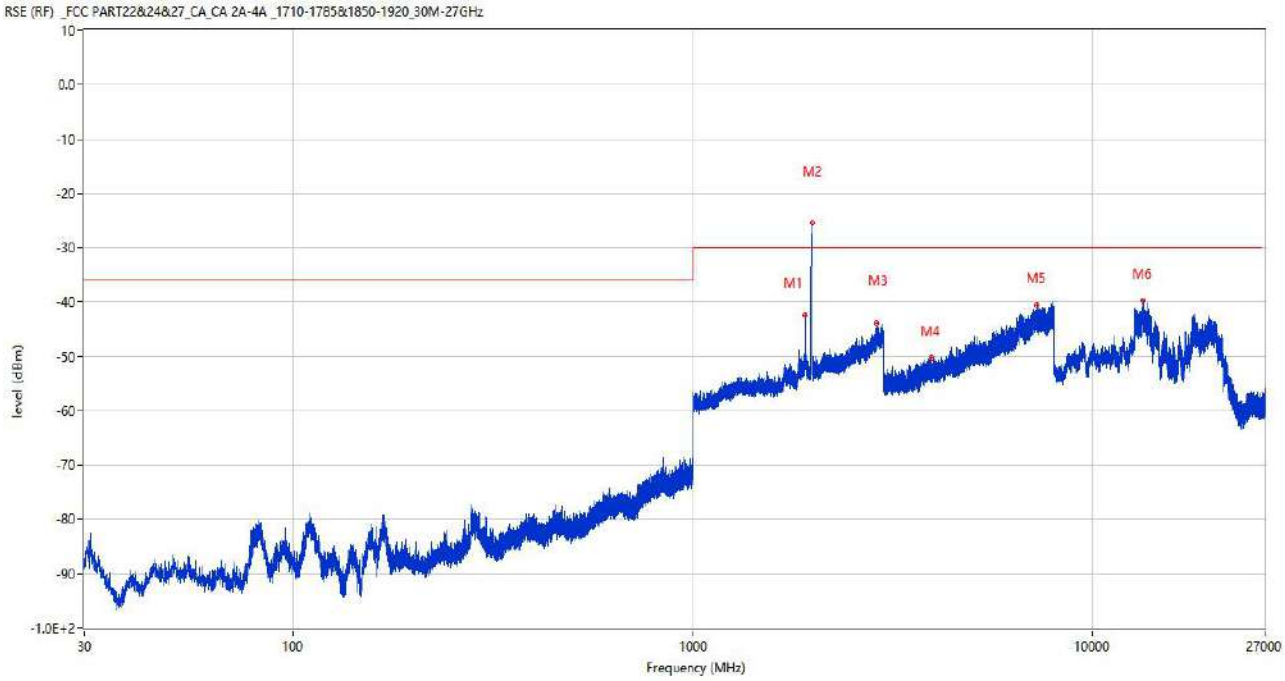
range



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
1306.300	-53.82	-0.94	-25.0	28.82	271.00	Vertical	Horizontal	Pass
2559.700	-25.44	7.70	-25.0	0.44	92.00	Vertical	Horizontal	N/A
2630.400	-29.85	6.62	-25.0	4.85	92.00	Vertical	Horizontal	N/A
4371.250	-48.36	7.07	-25.0	23.36	95.00	Vertical	Horizontal	Pass
7915.000	-40.27	14.59	-25.0	15.27	360.00	Vertical	Horizontal	Pass
13793.700	-39.59	16.59	-25.0	14.59	343.00	Vertical	Horizontal	Pass

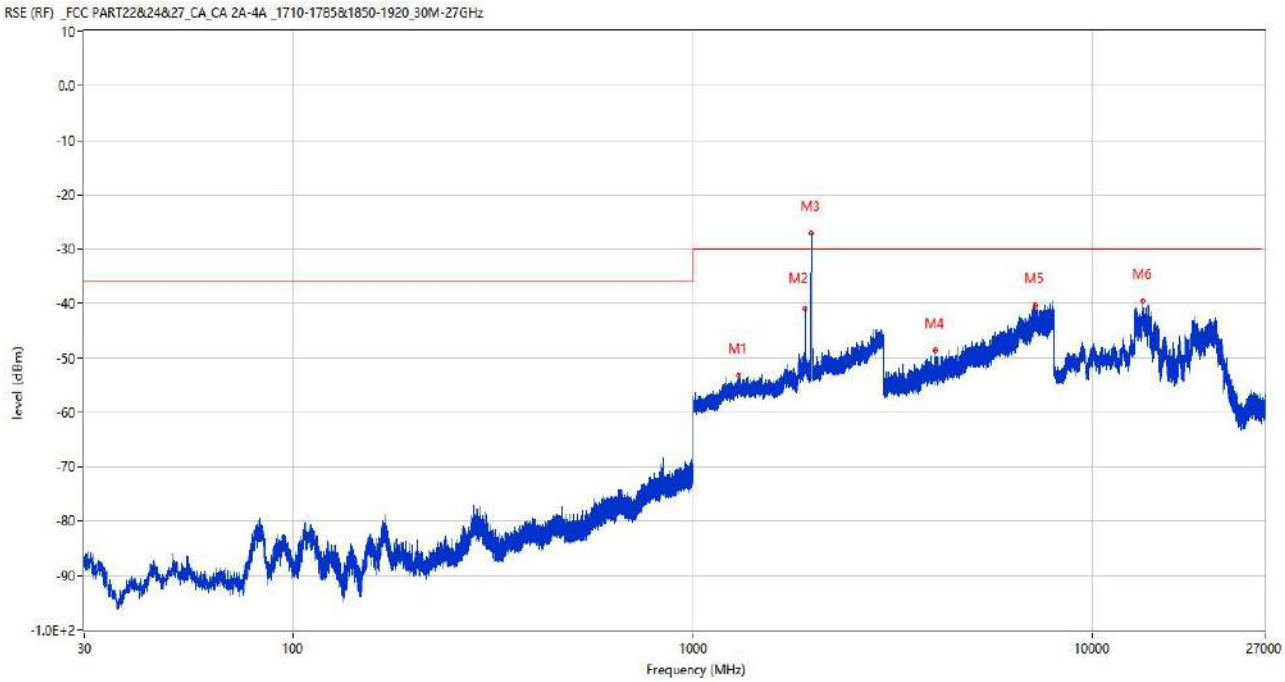
4.15 CA_2A-4A

Band:CA_2A-4A,BW :20+20 Channel:high range



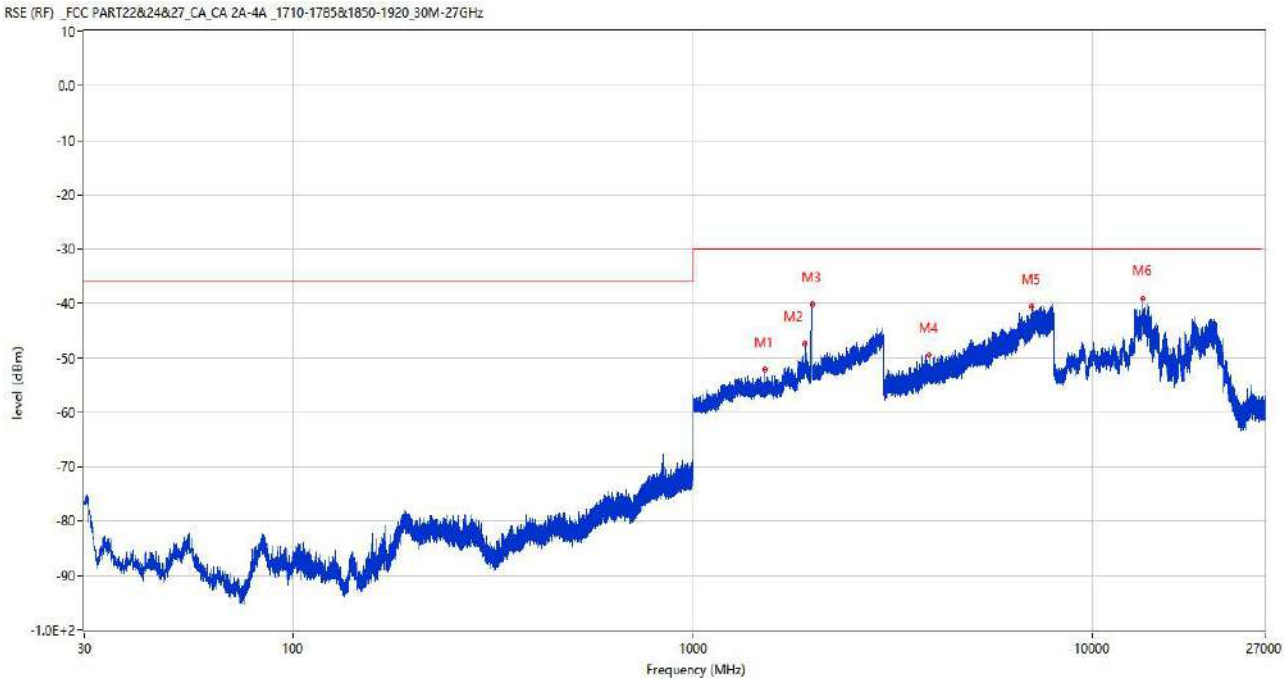
Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
1908.500	-42.46	2.86	-30.0	12.46	172.00	Horizontal	Horizontal	N/A
1987.200	-25.33	1.54	-30.0	-4.67	247.00	Horizontal	Horizontal	N/A
2876.600	-43.94	9.72	-30.0	13.94	35.00	Horizontal	Horizontal	Pass
3946.750	-50.31	6.76	-30.0	20.31	151.00	Horizontal	Horizontal	Pass
7269.250	-40.52	14.73	-30.0	10.52	240.00	Horizontal	Horizontal	Pass
13389.187	-39.68	16.91	-30.0	9.68	201.00	Horizontal	Horizontal	Pass

Band:CA_2A-4A,BW :20+20 Channel:high range



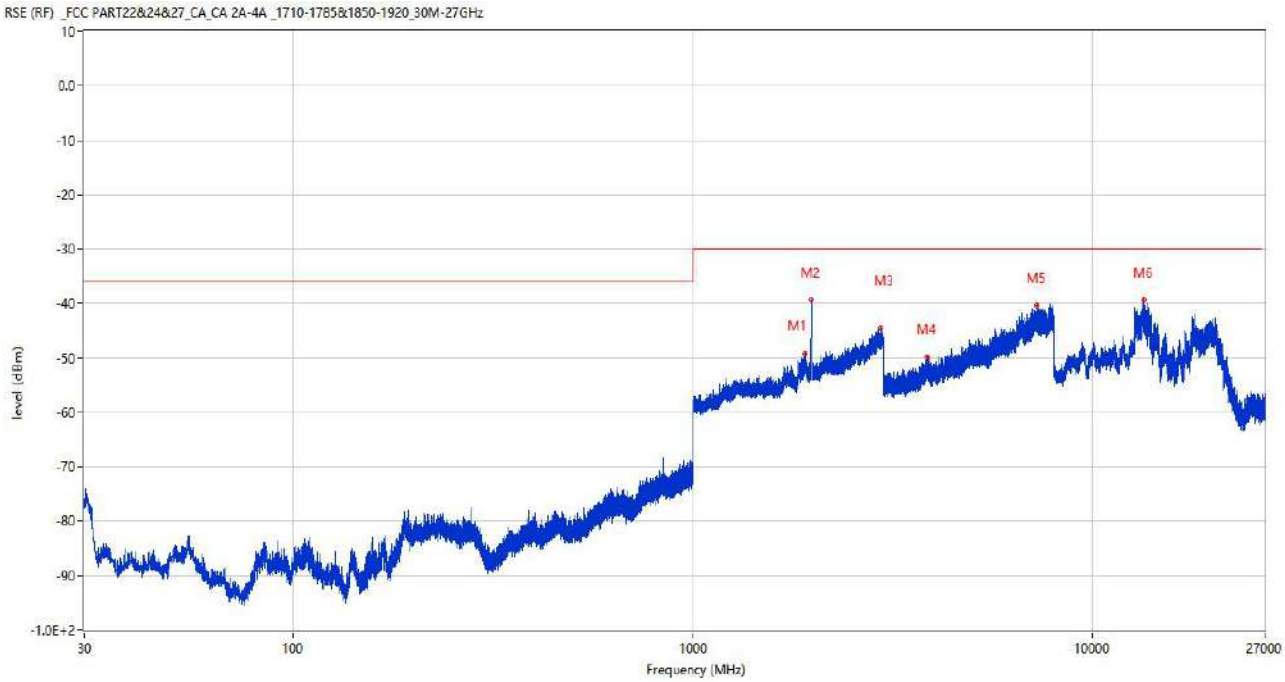
Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
1300.200	-53.18	-0.60	-30.0	23.18	103.00	Horizontal	Vertical	Pass
1908.800	-41.03	2.86	-30.0	11.03	171.00	Horizontal	Vertical	N/A
1974.700	-27.15	1.71	-30.0	-2.85	241.00	Horizontal	Vertical	N/A
4050.250	-48.61	6.73	-30.0	18.61	74.00	Horizontal	Vertical	Pass
7164.000	-40.43	13.92	-30.0	10.43	251.00	Horizontal	Vertical	Pass
13361.625	-39.45	16.65	-30.0	9.45	1.00	Horizontal	Vertical	Pass

Band:CA_2A-4A,BW :20+20 Channel:high range



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
1514.600	-52.19	-0.86	-30.0	22.19	291.00	Vertical	Vertical	Pass
1907.600	-47.35	2.86	-30.0	17.35	203.00	Vertical	Vertical	N/A
1984.400	-40.16	1.56	-30.0	10.16	60.00	Vertical	Vertical	N/A
3911.000	-49.48	7.14	-30.0	19.48	319.00	Vertical	Vertical	Pass
7048.250	-40.53	13.26	-30.0	10.53	308.00	Vertical	Vertical	Pass
13391.813	-38.99	16.93	-30.0	8.99	1.00	Vertical	Vertical	Pass

Band:CA_2A-4A,BW :20+20 Channel:high range

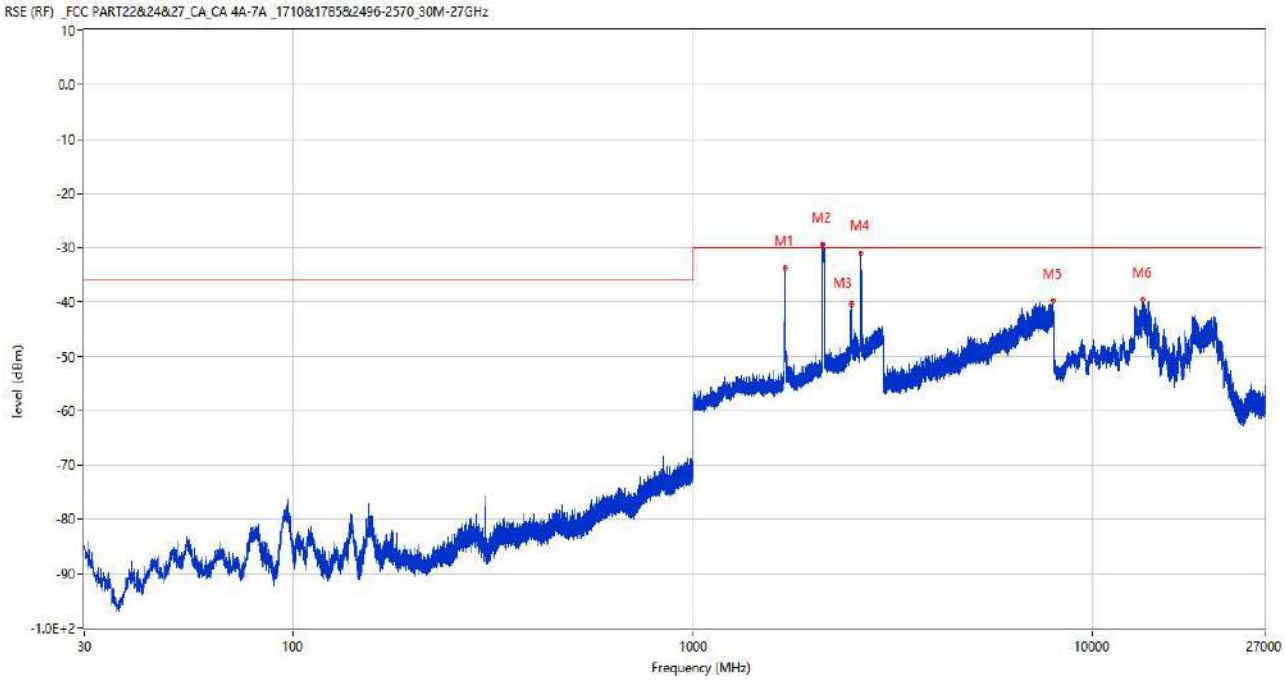


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
1908.600	-49.19	2.86	-30.0	19.19	141.00	Vertical	Horizontal	N/A
1973.200	-39.35	1.86	-30.0	9.35	116.00	Vertical	Horizontal	N/A
2958.000	-44.55	10.35	-30.0	14.55	360.00	Vertical	Horizontal	Pass
3861.750	-49.77	7.07	-30.0	19.77	110.00	Vertical	Horizontal	Pass
7252.500	-40.36	14.64	-30.0	10.36	121.00	Vertical	Horizontal	Pass
13415.175	-39.31	16.68	-30.0	9.31	0.00	Vertical	Horizontal	Pass

4.16 CA_4A-7A

Band:CA_4A-7A,BW :20+20 Channel:LOW

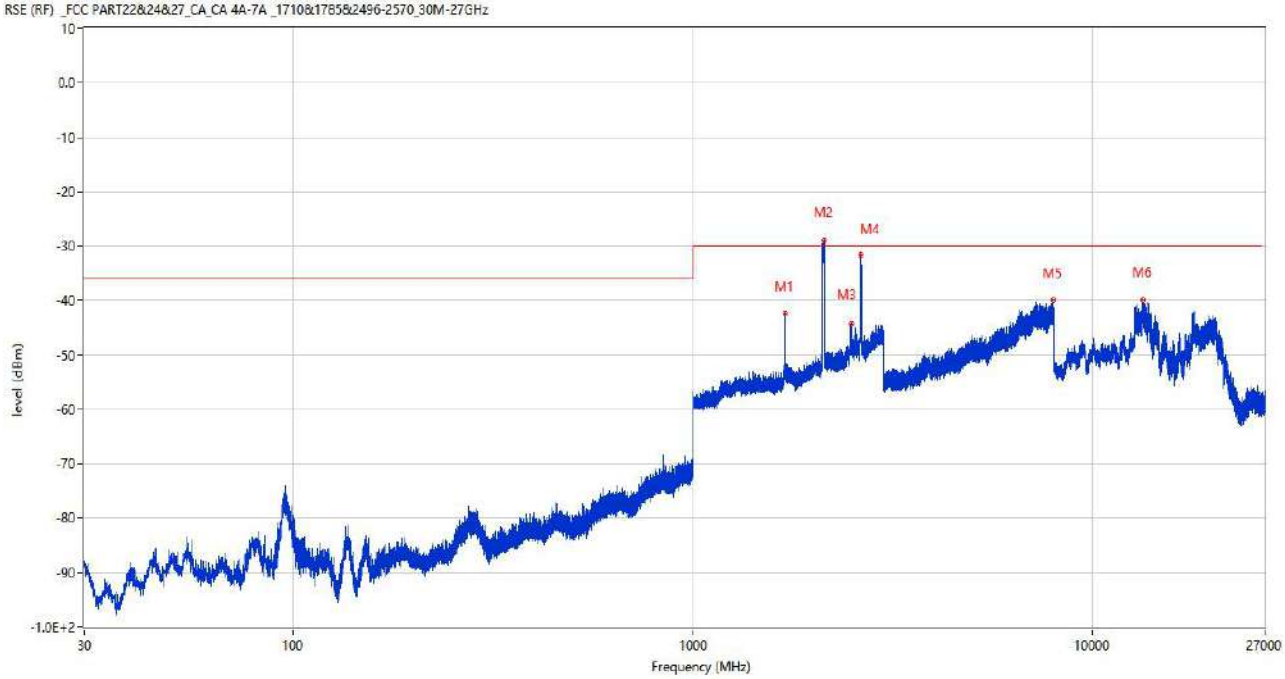
range



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
1701.100	-33.67	1.36	-30.0	3.67	335.00	Horizontal	Horizontal	N/A
2113.800	-29.43	3.57	-30.0	-0.57	185.00	Horizontal	Horizontal	N/A
2488.400	-40.40	7.08	-30.0	10.40	297.00	Horizontal	Horizontal	N/A
2628.700	-30.92	6.29	-30.0	0.92	193.00	Horizontal	Horizontal	N/A
7950.500	-39.73	15.09	-30.0	9.73	250.00	Horizontal	Horizontal	Pass
13380.000	-39.53	16.82	-30.0	9.53	181.00	Horizontal	Horizontal	Pass

Band:CA_4A-7A,BW :20+20 Channel:LOW

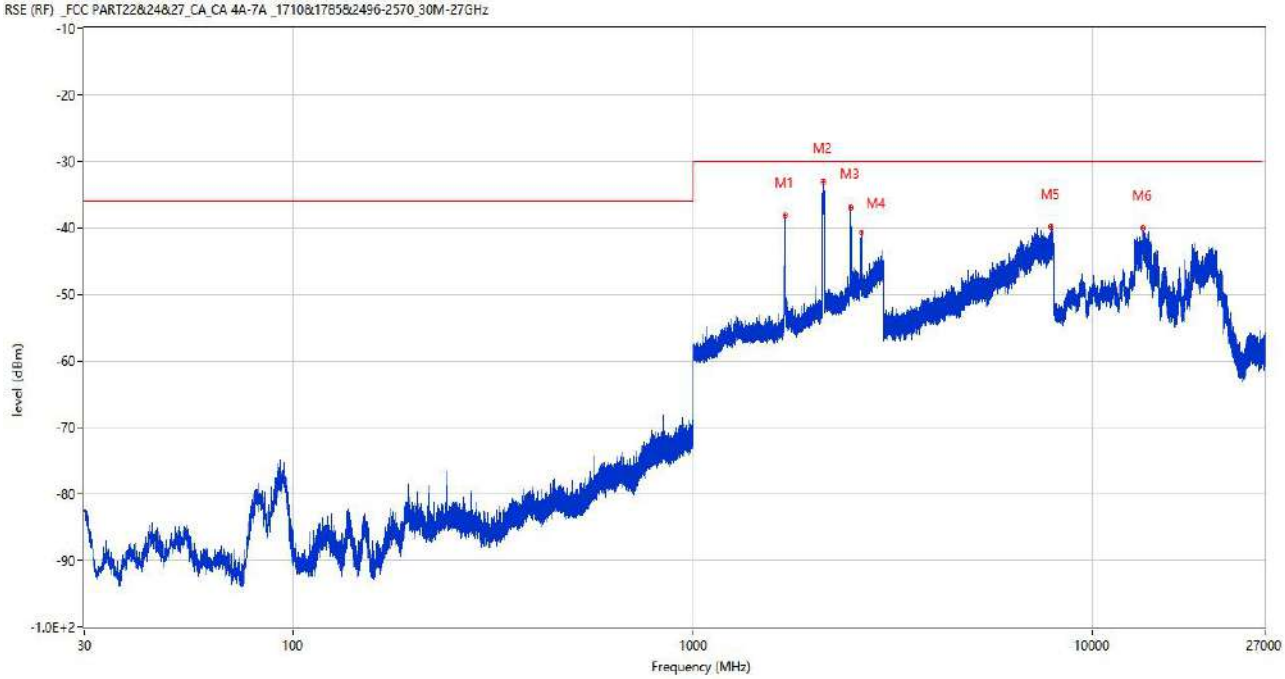
range



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
1701.000	-42.38	1.36	-30.0	12.38	42.00	Horizontal	Vertical	N/A
2127.300	-28.86	3.83	-30.0	-1.14	206.00	Horizontal	Vertical	N/A
2491.800	-44.37	7.09	-30.0	14.37	131.00	Horizontal	Vertical	N/A
2623.100	-31.71	6.03	-30.0	1.71	198.00	Horizontal	Vertical	N/A
7967.500	-39.88	15.26	-30.0	9.88	191.00	Horizontal	Vertical	Pass
13382.625	-39.85	16.85	-30.0	9.85	306.00	Horizontal	Vertical	Pass

Band:CA_4A-7A,BW :20+20 Channel:LOW

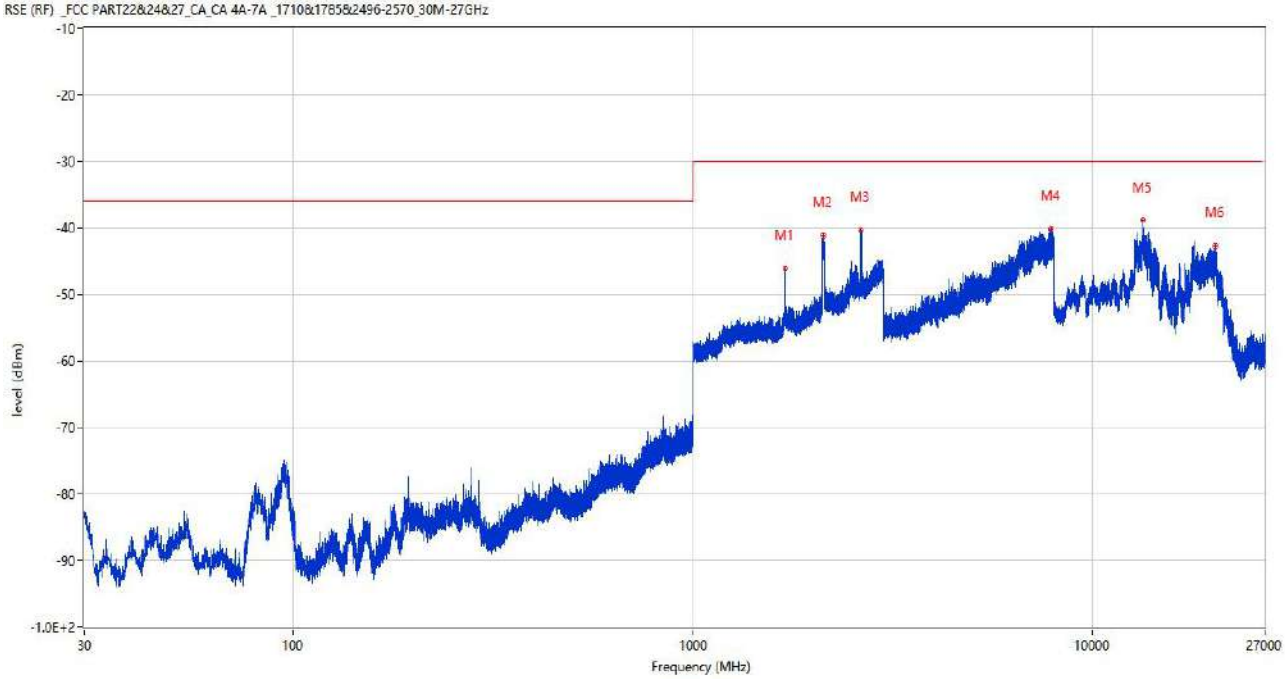
range



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
1700.000	-38.16	1.37	-30.0	8.16	210.00	Vertical	Vertical	N/A
2123.200	-33.03	3.55	-30.0	3.03	300.00	Vertical	Vertical	N/A
2486.800	-36.87	7.08	-30.0	6.87	232.00	Vertical	Vertical	N/A
2638.600	-40.74	7.39	-30.0	10.74	99.00	Vertical	Vertical	N/A
7872.000	-39.89	14.51	-30.0	9.89	360.00	Vertical	Vertical	Pass
13354.800	-40.07	16.59	-30.0	10.07	326.00	Vertical	Vertical	Pass

Band:CA_4A-7A,BW :20+20 Channel:LOW

range



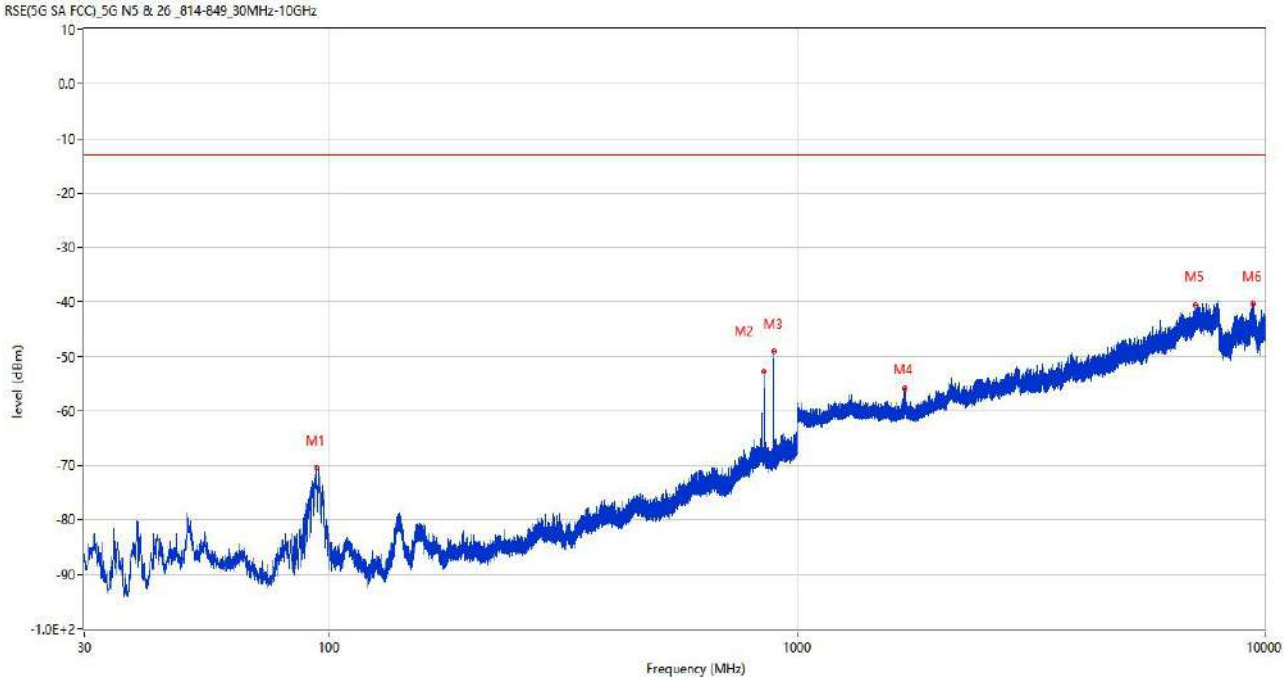
Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
1701.500	-46.10	1.36	-30.0	16.10	352.00	Vertical	Horizontal	N/A
2117.500	-41.15	3.55	-30.0	11.15	123.00	Vertical	Horizontal	N/A
2635.300	-40.28	6.93	-30.0	10.28	101.00	Vertical	Horizontal	N/A
7890.500	-40.12	14.74	-30.0	10.12	1.00	Vertical	Horizontal	Pass
13362.413	-38.89	16.66	-30.0	8.89	66.00	Vertical	Horizontal	Pass
20288.250	-42.65	12.97	-30.0	12.65	140.00	Vertical	Horizontal	Pass

5. NR

5.1 n5

BAND:SA N5,Channel:HIGH range

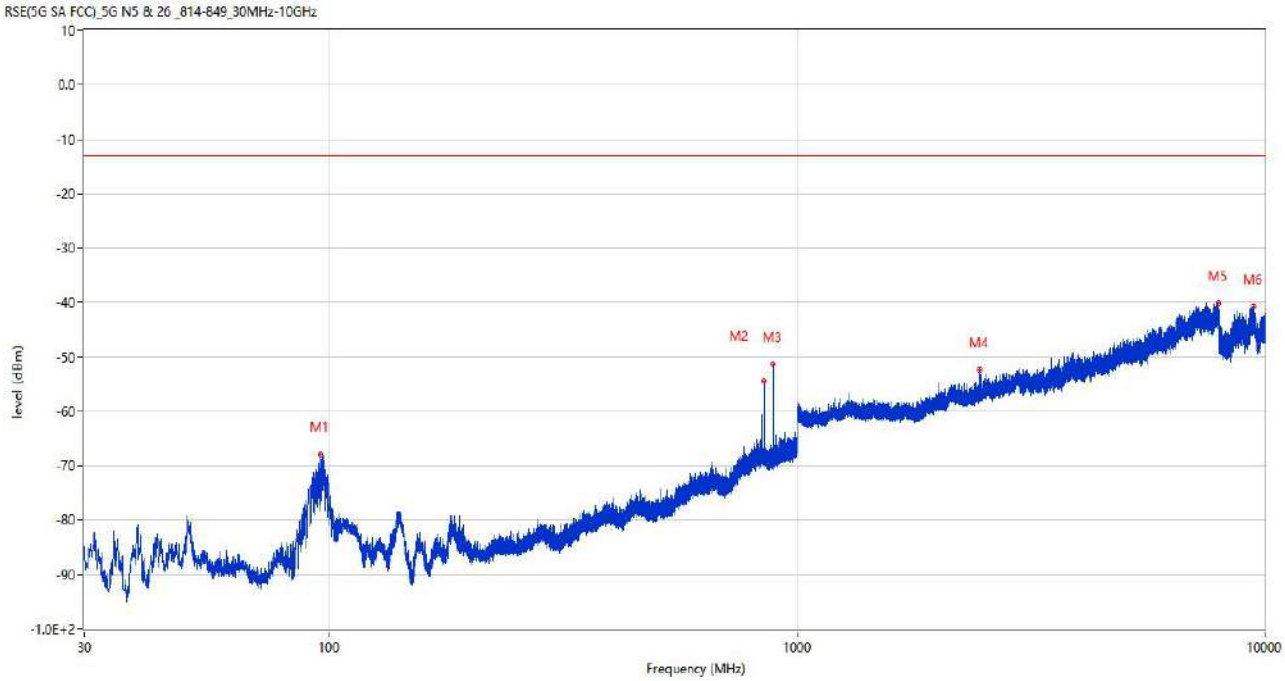
BW:5M



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
93.777	-70.35	-18.26	-13.0	57.35	265.00	Horizontal	Horizontal	Pass
848.486	-52.70	4.55	-13.0	39.70	360.00	Horizontal	Horizontal	N/A
892.572	-49.09	4.00	-13.0	36.09	265.00	Horizontal	Horizontal	N/A
1697.400	-55.80	-5.00	-13.0	42.80	185.00	Horizontal	Horizontal	Pass
7107.500	-40.62	13.59	-13.0	27.62	224.00	Horizontal	Horizontal	Pass
9438.000	-40.43	13.68	-13.0	27.43	128.00	Horizontal	Horizontal	Pass

BAND:SA N5,Channel:HIGH range

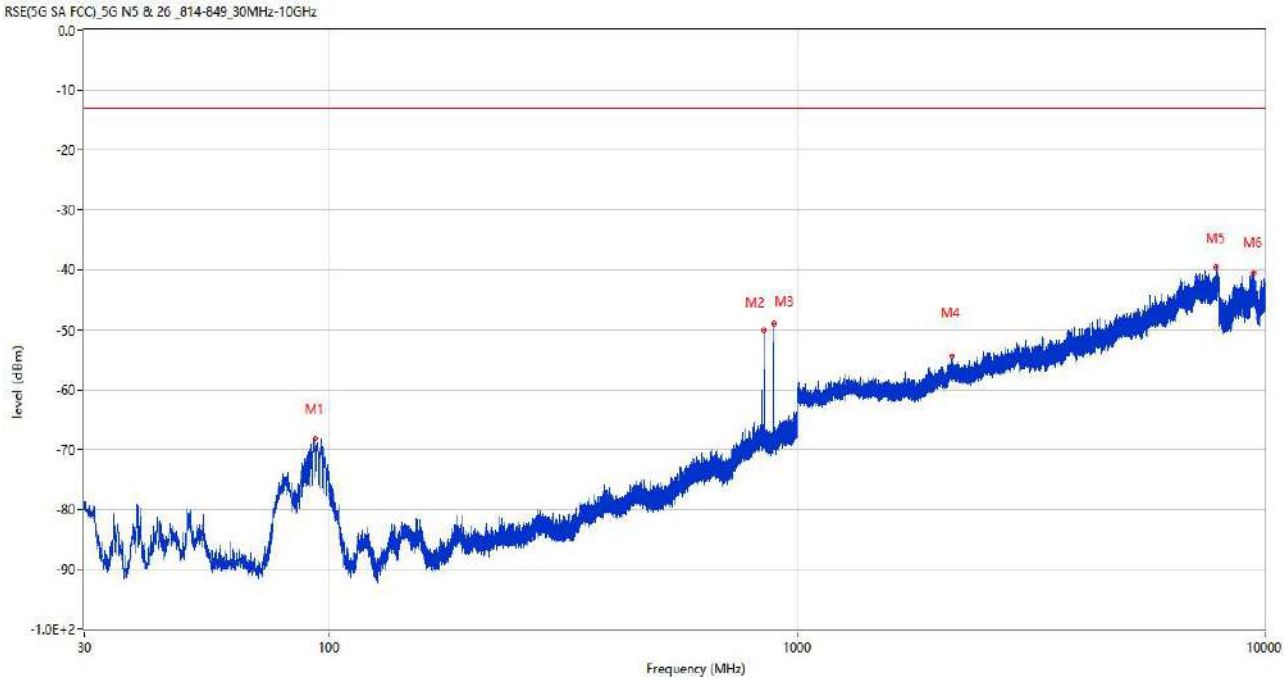
BW:5M



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
95.814	-67.84	-18.10	-13.0	54.84	271.00	Horizontal	Vertical	Pass
848.438	-54.43	4.55	-13.0	41.43	119.00	Horizontal	Vertical	Pass
889.566	-51.29	4.02	-13.0	38.29	302.00	Horizontal	Vertical	Pass
2462.300	-52.36	-2.07	-13.0	39.36	244.00	Horizontal	Vertical	Pass
7943.750	-40.07	15.03	-13.0	27.07	188.00	Horizontal	Vertical	Pass
9455.000	-40.78	13.67	-13.0	27.78	343.00	Horizontal	Vertical	Pass

BAND:SA N5,Channel:HIGH range

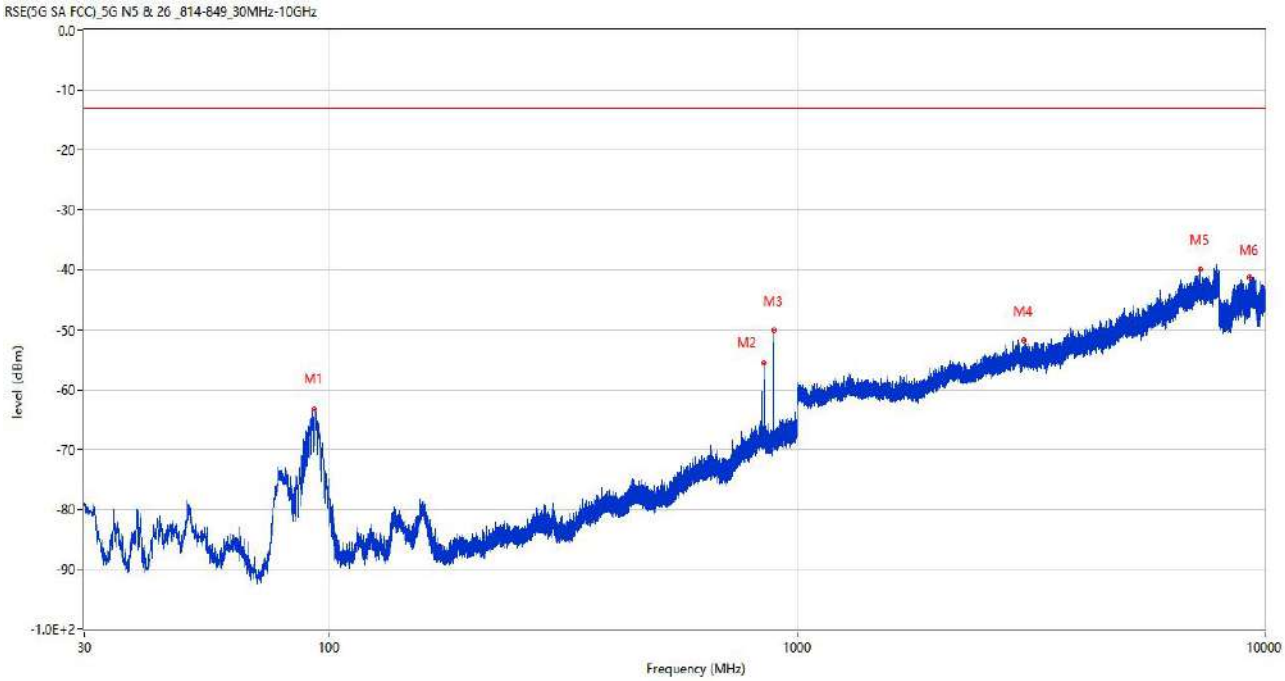
BW:5M



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
93.535	-68.23	-18.28	-13.0	55.23	175.00	Vertical	Vertical	Pass
848.486	-50.04	4.55	-13.0	37.04	76.00	Vertical	Vertical	N/A
891.990	-49.01	4.02	-13.0	36.01	1.00	Vertical	Vertical	N/A
2145.500	-54.50	-2.01	-13.0	41.50	196.00	Vertical	Vertical	Pass
7892.250	-39.62	14.75	-13.0	26.62	31.00	Vertical	Vertical	Pass
9450.900	-40.40	13.76	-13.0	27.40	3.00	Vertical	Vertical	Pass

BAND:SA N5,Channel:HIGH range

BW:5M

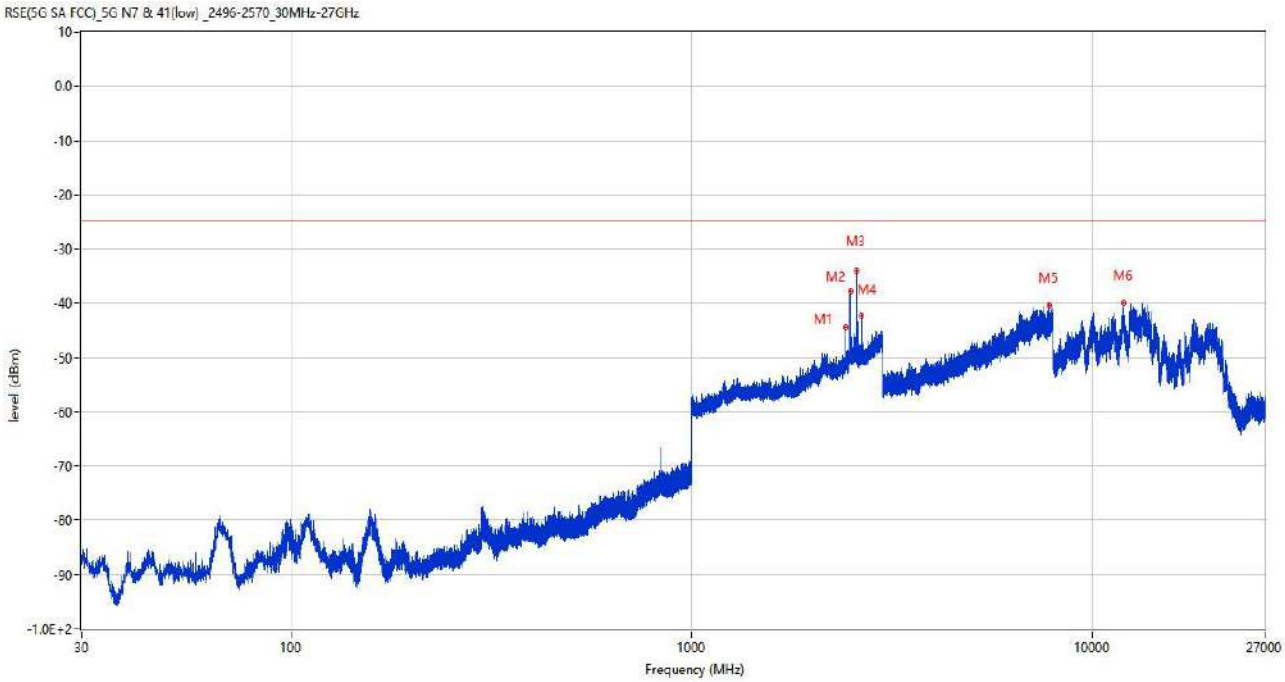


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
92.856	-63.19	-18.50	-13.0	50.19	81.00	Vertical	Horizontal	Pass
848.534	-55.48	4.55	-13.0	42.48	192.00	Vertical	Horizontal	N/A
892.088	-50.12	4.01	-13.0	37.12	359.00	Vertical	Horizontal	N/A
3057.750	-51.80	3.36	-13.0	38.80	97.00	Vertical	Horizontal	Pass
7262.250	-39.96	14.62	-13.0	26.96	39.00	Vertical	Horizontal	Pass
9291.700	-41.25	14.20	-13.0	28.25	275.00	Vertical	Horizontal	Pass

5.2 n7

BAND:SA N7,Channel:MID range

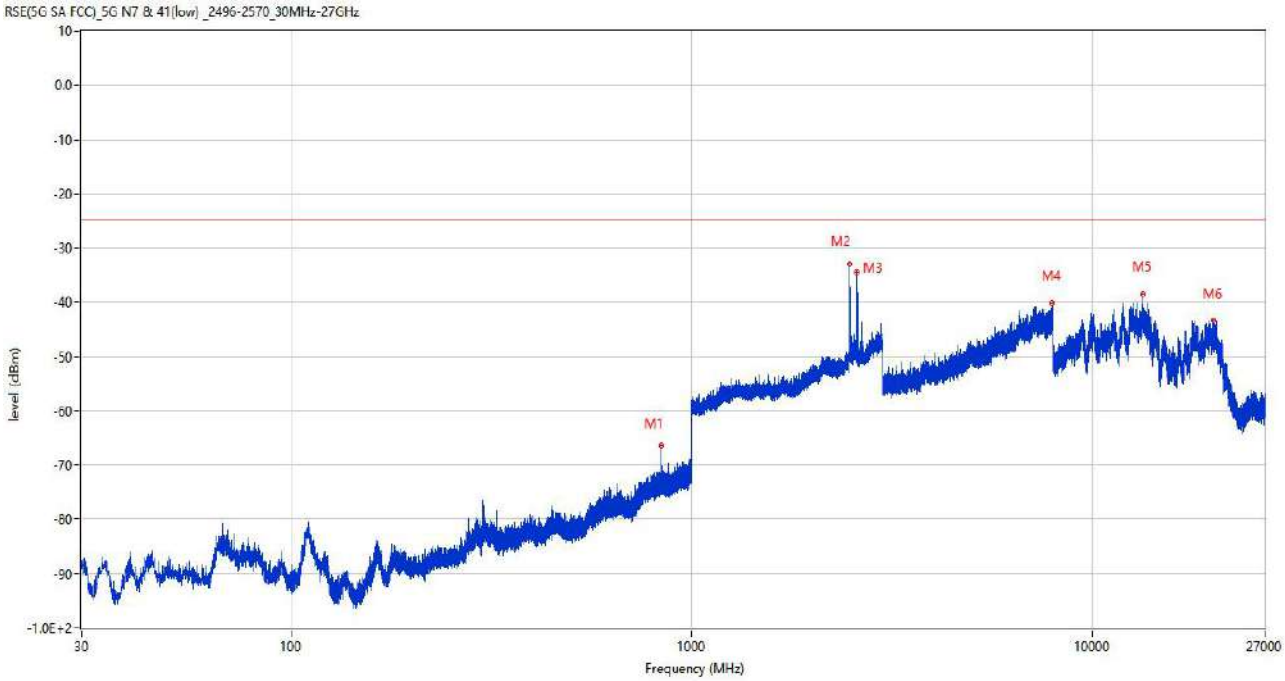
BW:5M



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
2426.800	-44.33	4.13	-25.0	19.33	190.00	Horizontal	Horizontal	Pass
2492.100	-37.83	6.80	-25.0	12.83	22.00	Horizontal	Horizontal	Pass
2585.600	-33.97	6.69	-25.0	8.97	360.00	Horizontal	Horizontal	Pass
2654.600	-42.34	6.73	-25.0	17.34	190.00	Horizontal	Horizontal	N/A
7821.750	-40.25	15.33	-25.0	15.25	210.00	Horizontal	Horizontal	Pass
11965.776	-39.89	13.95	-25.0	14.89	74.00	Horizontal	Horizontal	Pass

BAND:SA N7,Channel:MID range

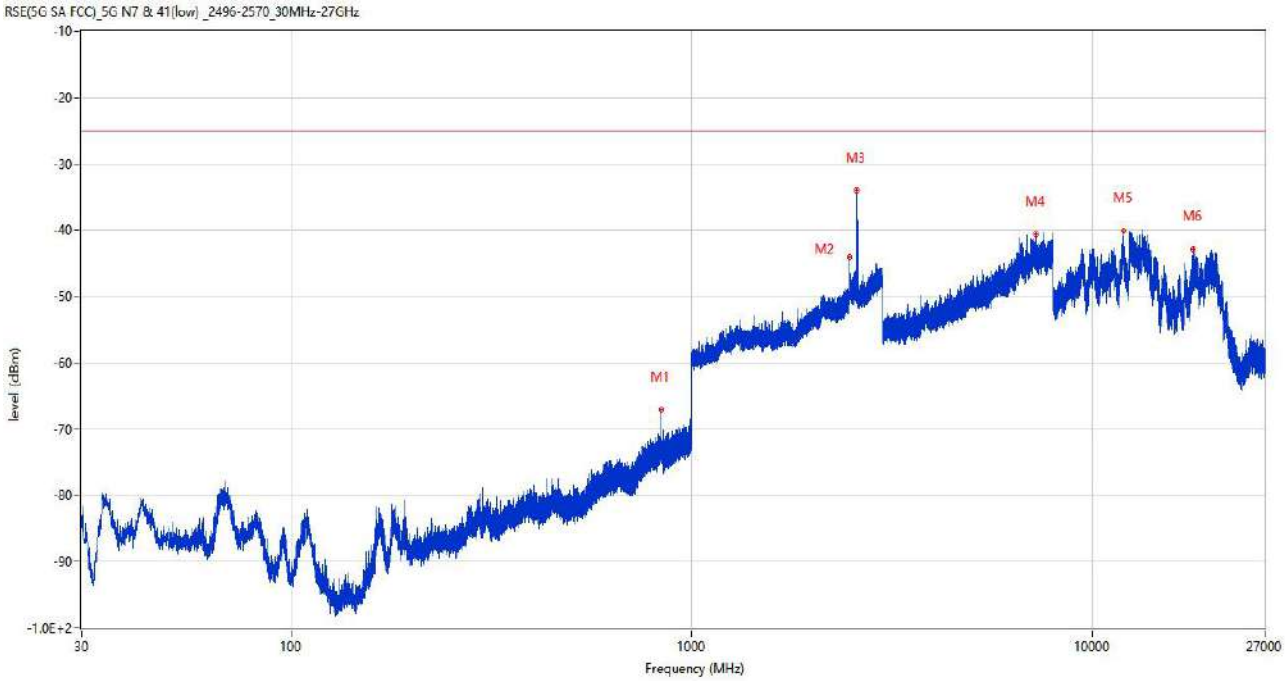
BW:5M



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
839.998	-66.27	-0.14	-25.0	41.27	309.00	Horizontal	Vertical	Pass
2487.600	-32.90	6.78	-25.0	7.90	328.00	Horizontal	Vertical	Pass
2584.900	-34.52	6.73	-25.0	9.52	3.00	Horizontal	Vertical	Pass
7947.250	-40.15	15.10	-25.0	15.15	1.00	Horizontal	Vertical	Pass
13403.099	-38.35	16.94	-25.0	13.35	258.00	Horizontal	Vertical	Pass
20124.901	-43.40	12.96	-25.0	18.40	360.00	Horizontal	Vertical	Pass

BAND:SA N7,Channel:MID range

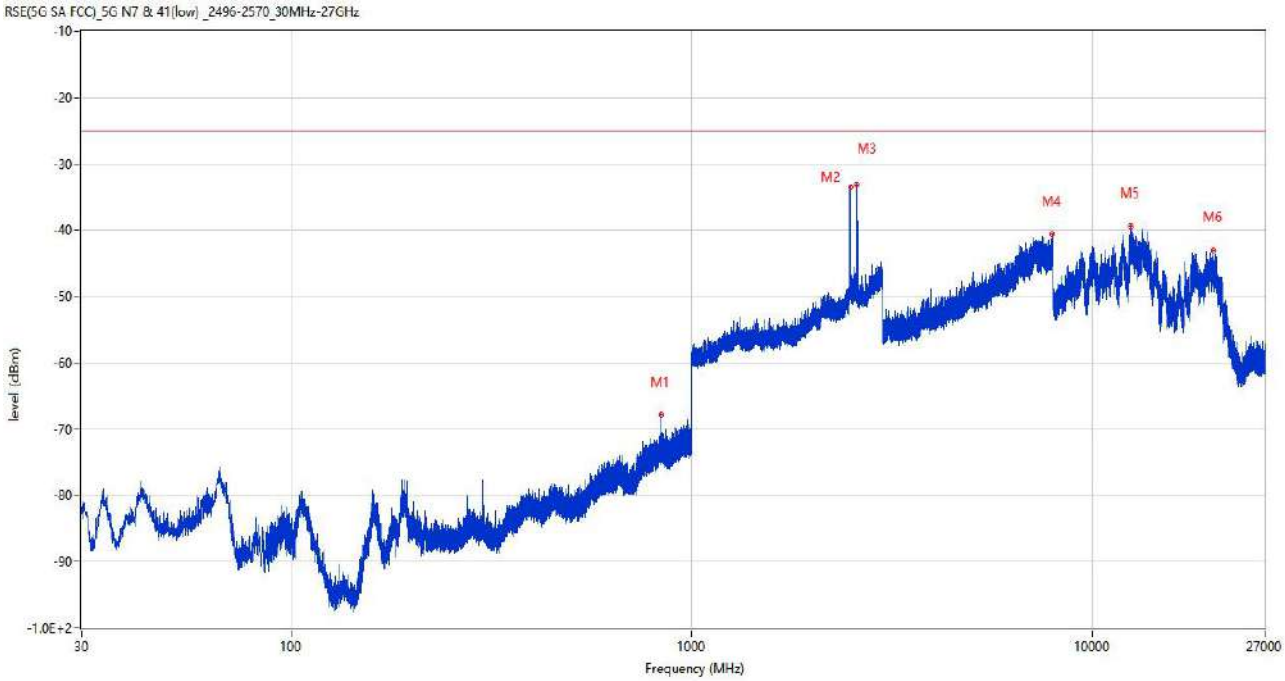
BW:5M



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
839.998	-67.08	-0.14	-25.0	42.08	263.00	Vertical	Vertical	Pass
2479.300	-44.12	6.37	-25.0	19.12	360.00	Vertical	Vertical	Pass
2579.200	-34.04	7.37	-25.0	9.04	3.00	Vertical	Vertical	Pass
7242.500	-40.65	14.56	-25.0	15.65	236.00	Vertical	Vertical	Pass
11976.225	-40.08	13.91	-25.0	15.08	67.00	Vertical	Vertical	Pass
17929.386	-42.83	13.60	-25.0	17.83	60.00	Vertical	Vertical	Pass

BAND:SA N7,Channel:MID range

BW:5M

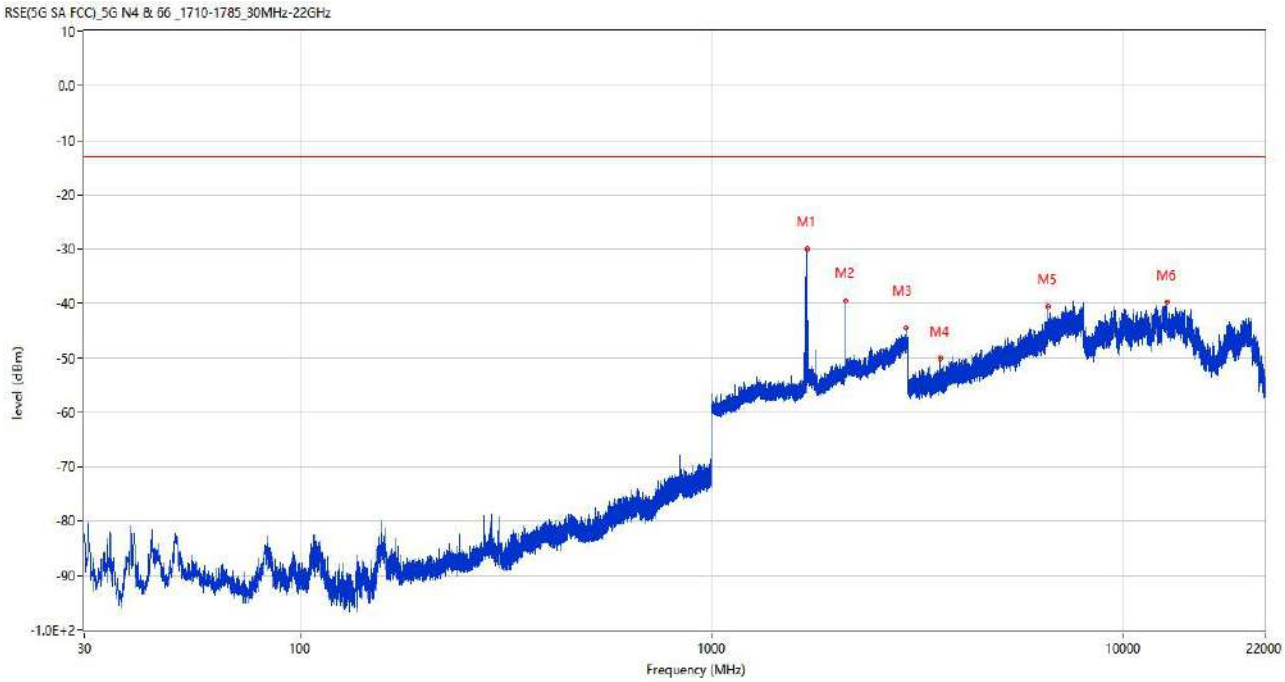


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
839.998	-67.89	-0.14	-25.0	42.89	242.00	Vertical	Horizontal	Pass
2489.800	-33.61	6.79	-25.0	8.61	360.00	Vertical	Horizontal	Pass
2588.300	-33.16	6.29	-25.0	8.16	356.00	Vertical	Horizontal	Pass
7958.750	-40.64	14.86	-25.0	15.64	91.00	Vertical	Horizontal	Pass
12500.625	-39.35	14.71	-25.0	14.35	321.00	Vertical	Horizontal	Pass
20117.250	-43.10	12.96	-25.0	18.10	202.00	Vertical	Horizontal	Pass

5.3 n66

BAND:SA N66,Channel:LOW range

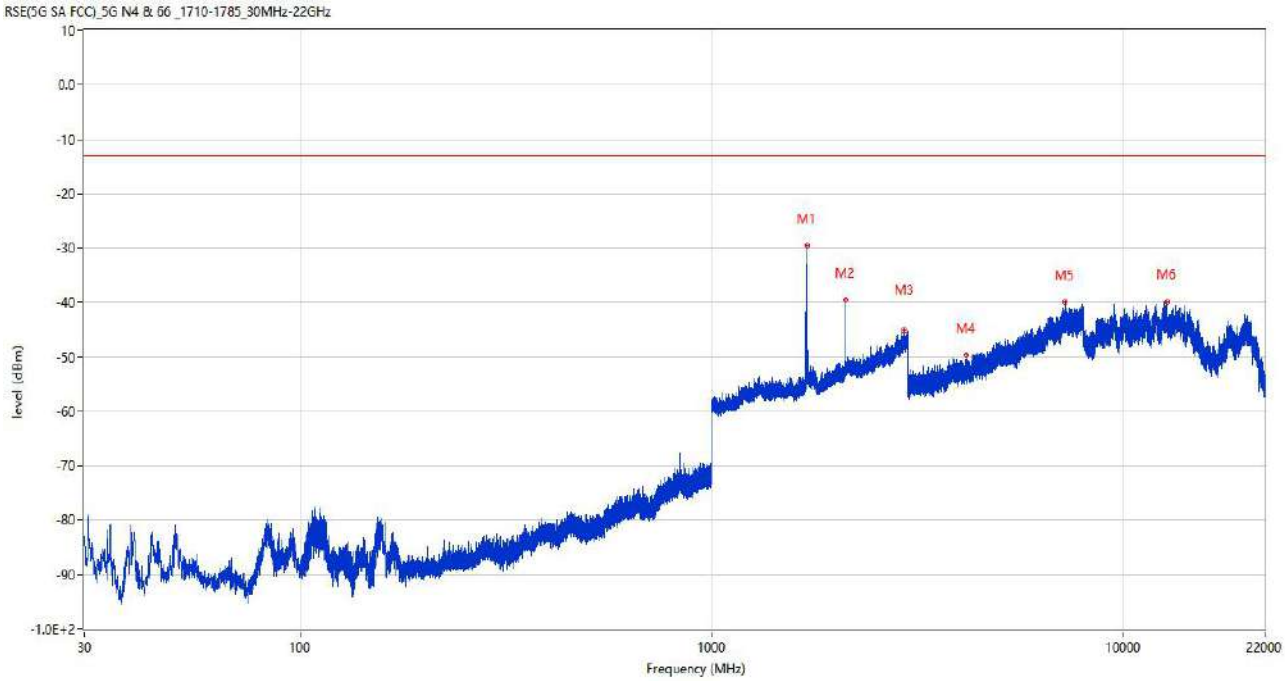
BW:5M



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
1700.900	-29.99	1.52	-13.0	16.99	98.00	Horizontal	Horizontal	N/A
2111.900	-39.42	2.73	-13.0	26.42	246.00	Horizontal	Horizontal	N/A
2955.700	-44.56	9.46	-13.0	31.56	336.00	Horizontal	Horizontal	Pass
3588.250	-49.99	5.79	-13.0	36.99	138.00	Horizontal	Horizontal	Pass
6566.750	-40.63	12.93	-13.0	27.63	183.00	Horizontal	Horizontal	Pass
12721.738	-39.66	14.84	-13.0	26.66	343.00	Horizontal	Horizontal	Pass

BAND:SA N66,Channel:LOW range

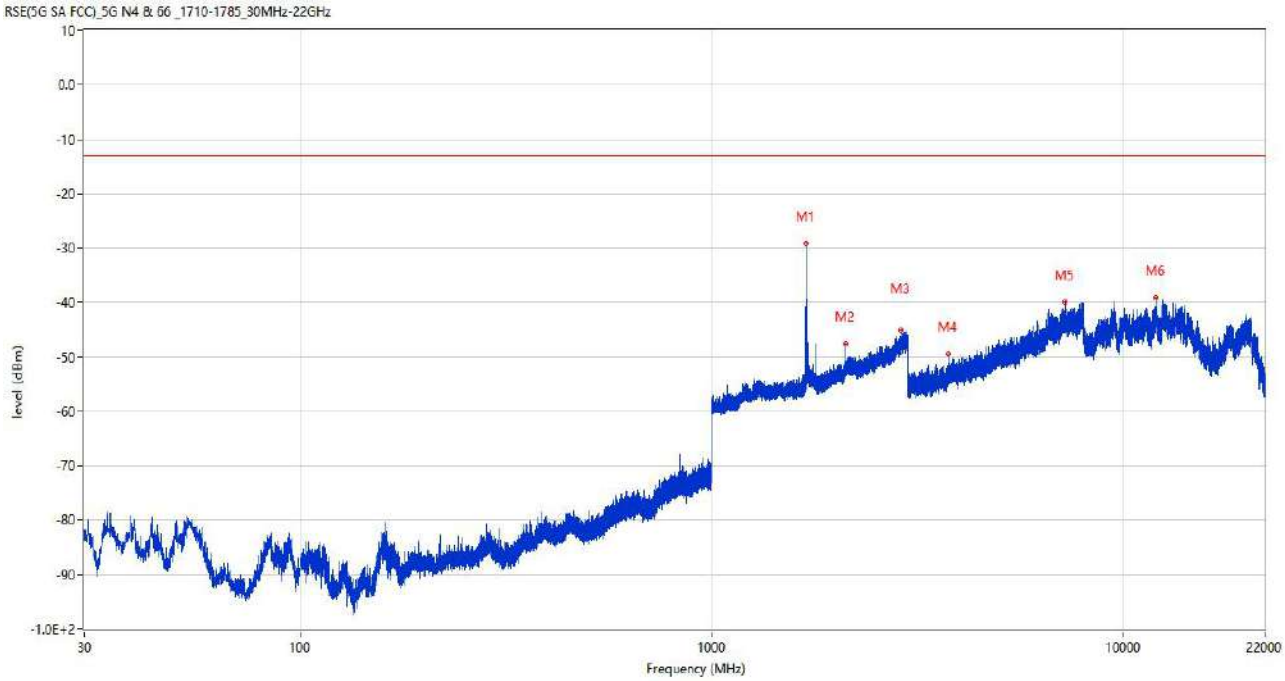
BW:5M



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
1702.500	-29.56	1.50	-13.0	16.56	154.00	Horizontal	Vertical	N/A
2113.500	-39.47	2.85	-13.0	26.47	205.00	Horizontal	Vertical	N/A
2923.800	-45.03	9.19	-13.0	32.03	33.00	Horizontal	Vertical	Pass
4149.750	-49.67	6.45	-13.0	36.67	207.00	Horizontal	Vertical	Pass
7216.500	-40.00	13.89	-13.0	27.00	253.00	Horizontal	Vertical	Pass
12741.213	-39.83	14.80	-13.0	26.83	360.00	Horizontal	Vertical	Pass

BAND:SA N66,Channel:LOW range

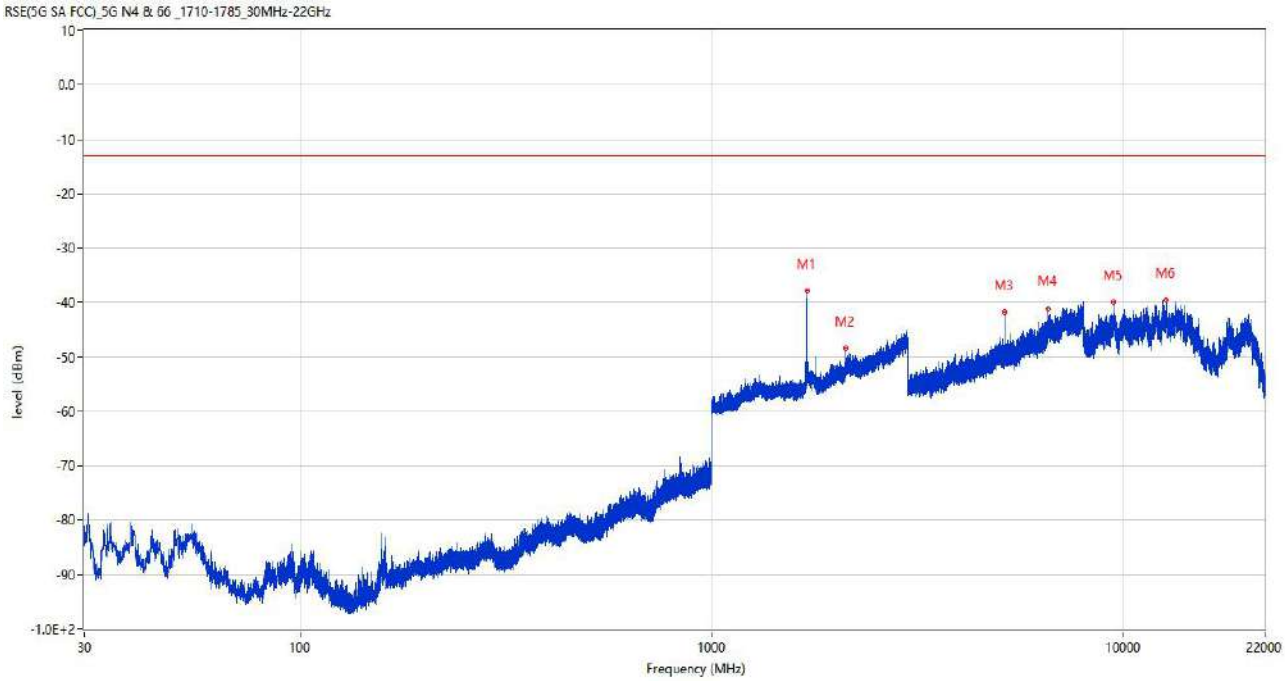
BW:5M



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
1697.900	-29.16	0.58	-13.0	16.16	264.00	Vertical	Vertical	N/A
2112.000	-47.55	2.74	-13.0	34.55	155.00	Vertical	Vertical	N/A
2877.900	-45.07	8.86	-13.0	32.07	226.00	Vertical	Vertical	Pass
3758.000	-49.55	6.50	-13.0	36.55	123.00	Vertical	Vertical	Pass
7207.000	-39.90	14.06	-13.0	26.90	1.00	Vertical	Vertical	Pass
11996.888	-39.11	14.01	-13.0	26.11	177.00	Vertical	Vertical	Pass

BAND:SA N66,Channel:LOW range

BW:5M

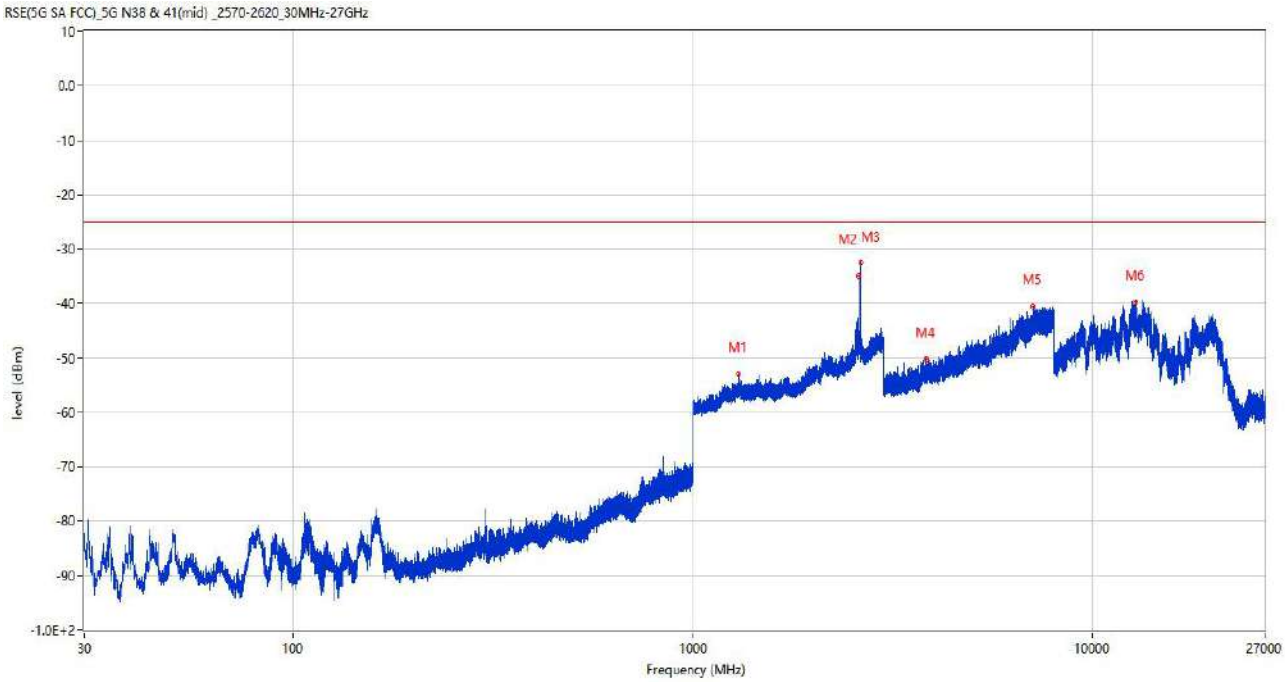


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
1702.300	-37.94	1.50	-13.0	24.94	327.00	Vertical	Horizontal	N/A
2113.900	-48.50	2.89	-13.0	35.50	180.00	Vertical	Horizontal	N/A
5144.000	-41.73	9.09	-13.0	28.73	70.00	Vertical	Horizontal	Pass
6563.500	-41.23	12.86	-13.0	28.23	346.00	Vertical	Horizontal	Pass
9450.888	-39.85	13.76	-13.0	26.85	361.00	Vertical	Horizontal	Pass
12687.776	-39.59	14.69	-13.0	26.59	86.00	Vertical	Horizontal	Pass

5.4 n38

BAND:SA N38,Channel:MID range

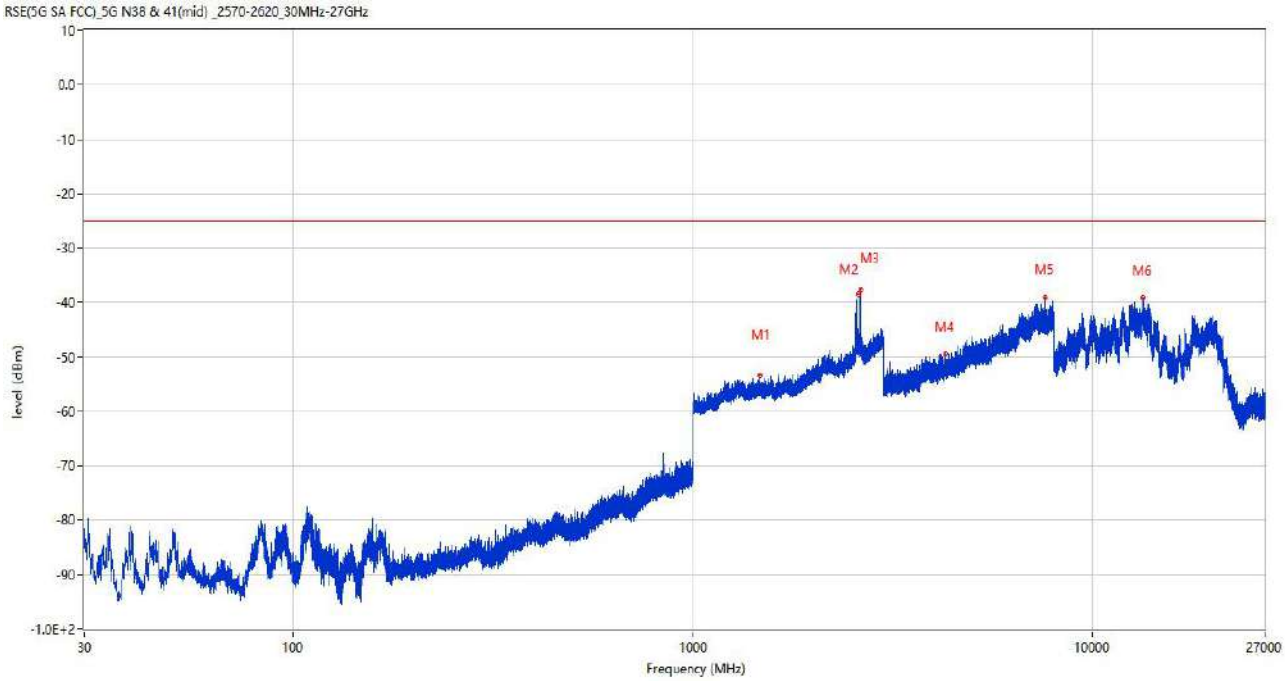
BW:20M



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
1301.400	-53.05	-1.01	-25.0	28.05	286.00	Horizontal	Horizontal	Pass
2591.900	-34.96	8.13	-25.0	9.96	15.00	Horizontal	Horizontal	N/A
2626.800	-32.41	7.43	-25.0	7.41	28.00	Horizontal	Horizontal	N/A
3830.500	-50.26	6.31	-25.0	25.26	110.00	Horizontal	Horizontal	Pass
7107.250	-40.50	13.61	-25.0	15.50	190.00	Horizontal	Horizontal	Pass
12857.099	-39.67	14.55	-25.0	14.67	0.00	Horizontal	Horizontal	Pass

BAND:SA N38,Channel:MID range

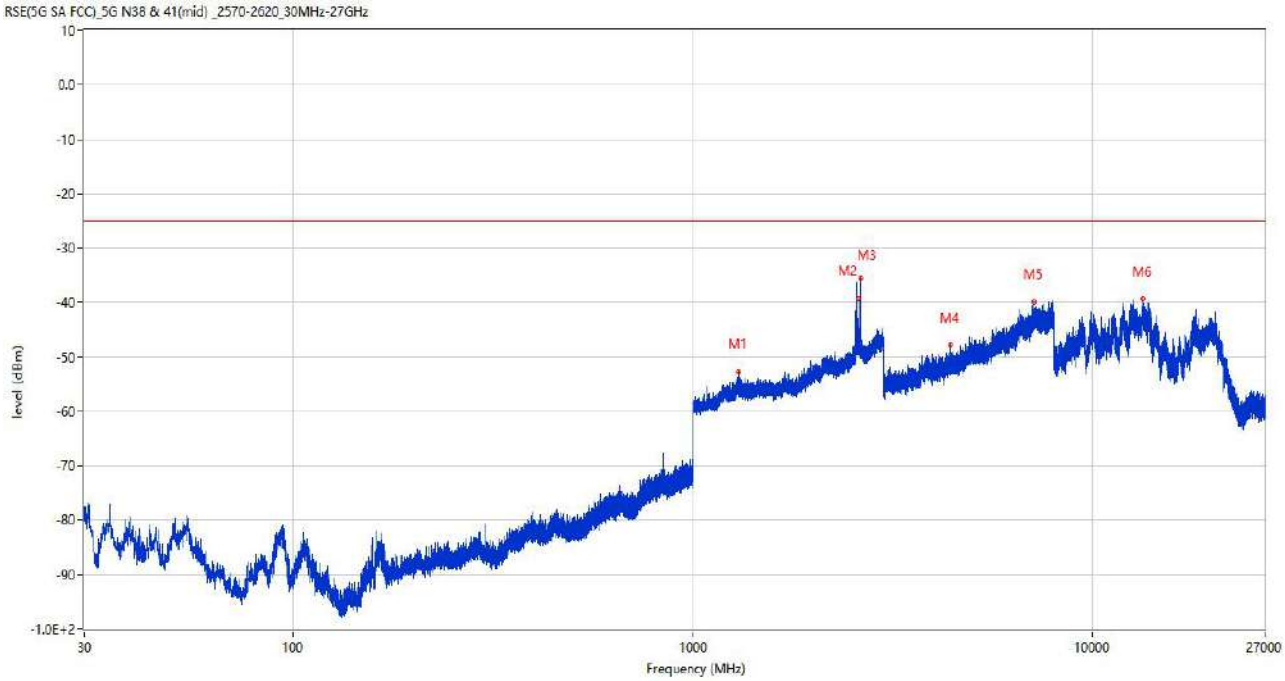
BW:20M



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
1467.500	-53.45	-1.43	-25.0	28.45	189.00	Horizontal	Vertical	Pass
2591.600	-38.40	8.12	-25.0	13.40	246.00	Horizontal	Vertical	Pass
2625.200	-37.67	8.49	-25.0	12.67	143.00	Horizontal	Vertical	Pass
4274.250	-49.38	6.36	-25.0	24.38	196.00	Horizontal	Vertical	Pass
7594.750	-39.00	13.76	-25.0	14.00	0.00	Horizontal	Vertical	Pass
13342.200	-39.04	16.23	-25.0	14.04	361.00	Horizontal	Vertical	Pass

BAND:SA N38,Channel:MID range

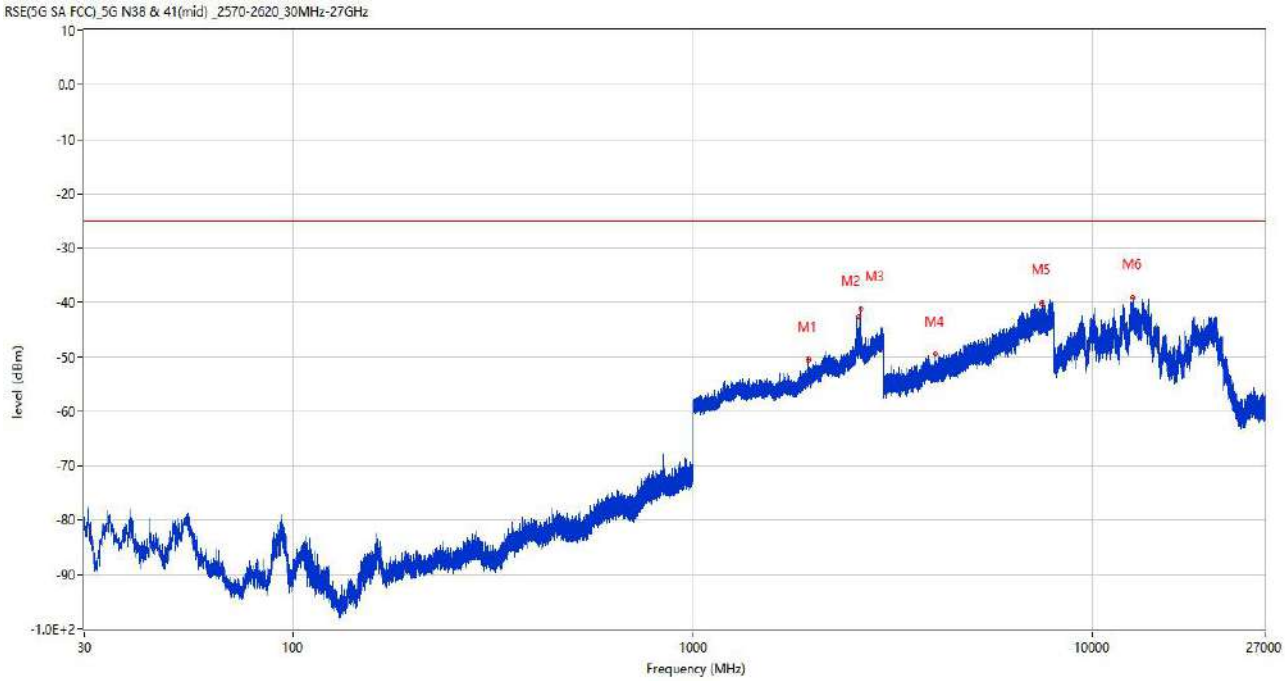
BW:20M



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
1301.600	-52.68	-0.97	-25.0	27.68	138.00	Vertical	Vertical	Pass
2591.200	-39.29	8.12	-25.0	14.29	145.00	Vertical	Vertical	N/A
2625.600	-35.51	8.50	-25.0	10.51	1.00	Vertical	Vertical	N/A
4404.750	-47.81	7.03	-25.0	22.81	360.00	Vertical	Vertical	Pass
7118.750	-40.01	13.77	-25.0	15.01	243.00	Vertical	Vertical	Pass
13385.513	-39.36	16.87	-25.0	14.36	106.00	Vertical	Vertical	Pass

BAND:SA N38,Channel:MID range

BW:20M

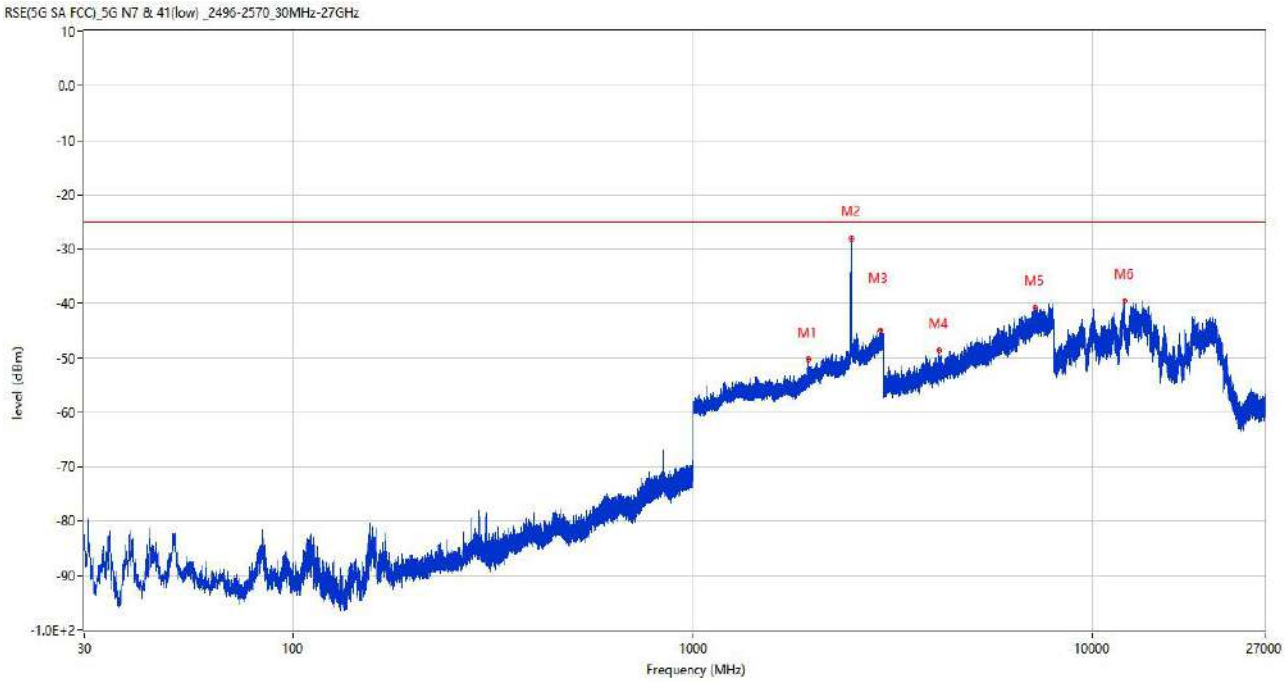


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
1937.900	-50.59	0.55	-25.0	25.59	27.00	Vertical	Horizontal	Pass
2590.800	-42.56	8.12	-25.0	17.56	156.00	Vertical	Horizontal	N/A
2629.200	-41.19	6.82	-25.0	16.19	196.00	Vertical	Horizontal	N/A
4037.500	-49.50	6.87	-25.0	24.50	0.00	Vertical	Horizontal	Pass
7495.750	-40.12	13.82	-25.0	15.12	360.00	Vertical	Horizontal	Pass
12649.775	-39.17	14.27	-25.0	14.17	360.00	Vertical	Horizontal	Pass

5.5 n41

BAND:SA N41,Channel:LOW range

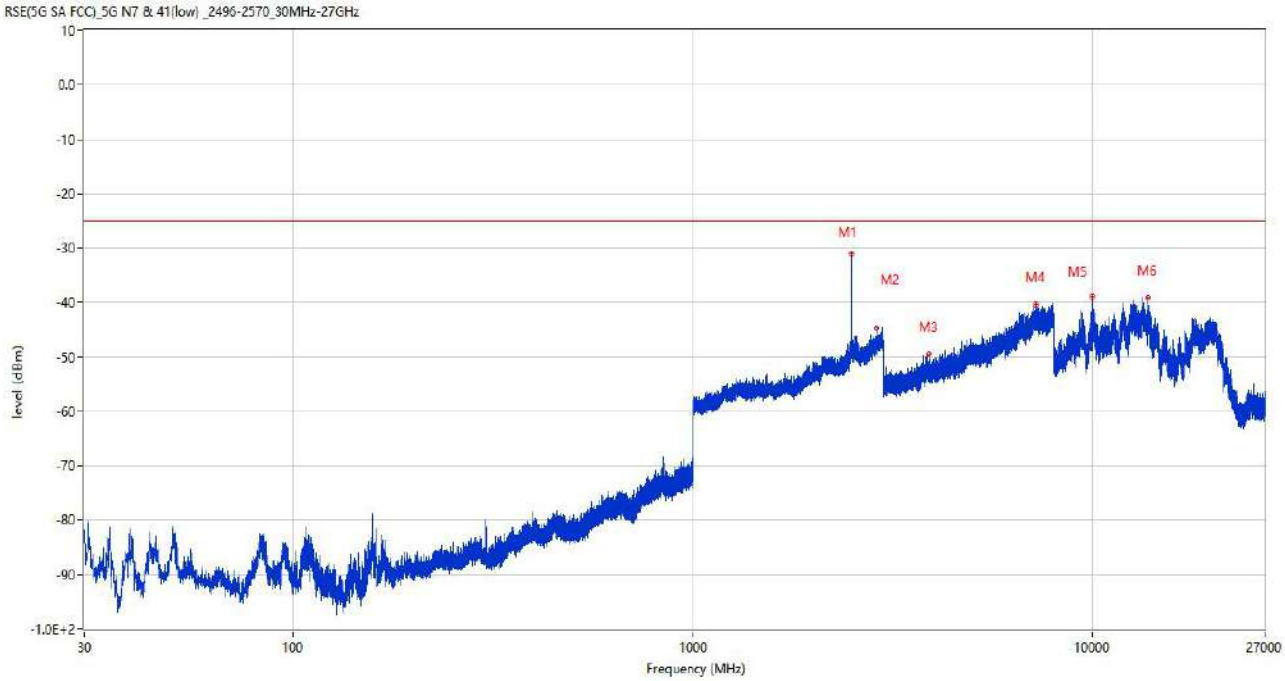
BW:10M



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
1940.800	-50.22	0.43	-25.0	25.22	104.00	Horizontal	Horizontal	Pass
2489.200	-28.02	6.79	-25.0	3.02	331.00	Horizontal	Horizontal	N/A
2957.900	-44.88	9.48	-25.0	19.88	360.00	Horizontal	Horizontal	Pass
4128.750	-48.56	6.93	-25.0	23.56	297.00	Horizontal	Horizontal	Pass
7188.750	-40.72	14.17	-25.0	15.72	360.00	Horizontal	Horizontal	Pass
12023.487	-39.51	13.08	-25.0	14.51	17.00	Horizontal	Horizontal	Pass

BAND:SA N41,Channel:LOW range

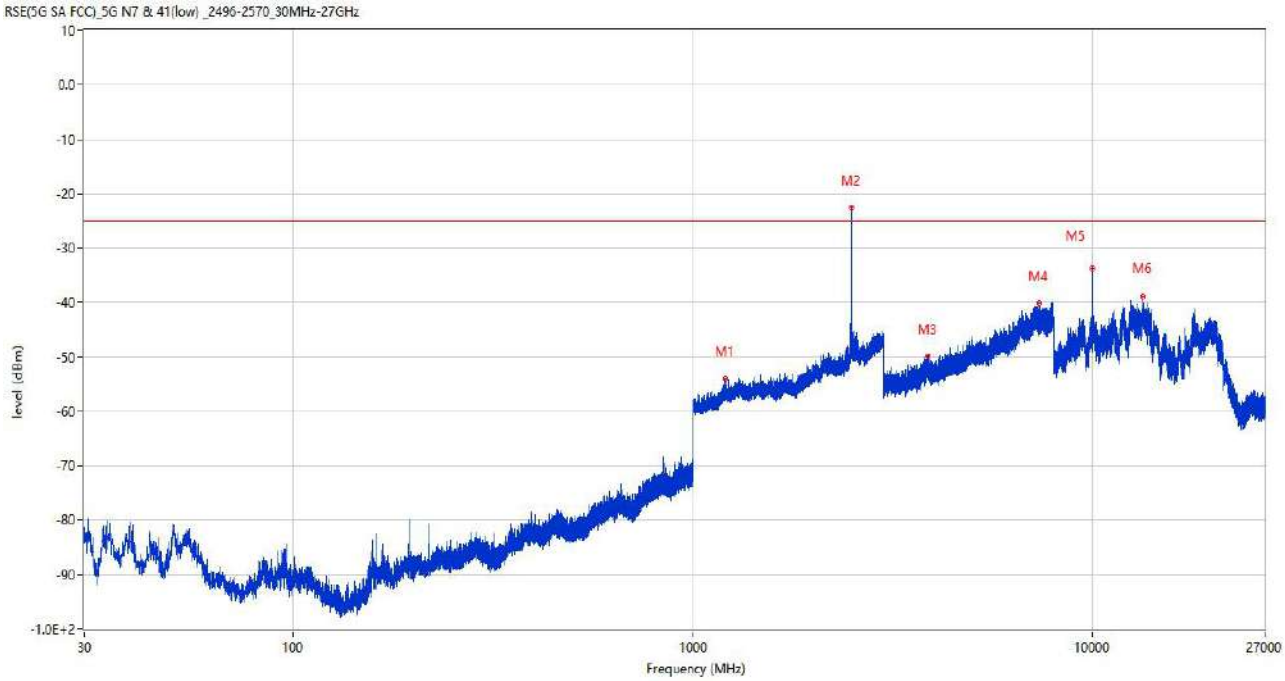
BW:10M



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
2498.100	-30.99	6.84	-25.0	5.99	182.00	Horizontal	Vertical	N/A
2890.000	-44.63	9.12	-25.0	19.63	195.00	Horizontal	Vertical	Pass
3894.500	-49.44	7.02	-25.0	24.44	296.00	Horizontal	Vertical	Pass
7225.000	-40.37	14.15	-25.0	15.37	84.00	Horizontal	Vertical	Pass
9989.775	-38.80	11.09	-25.0	13.80	205.00	Horizontal	Vertical	Pass
13798.688	-39.06	16.92	-25.0	14.06	360.00	Horizontal	Vertical	Pass

BAND:SA N41,Channel:LOW range

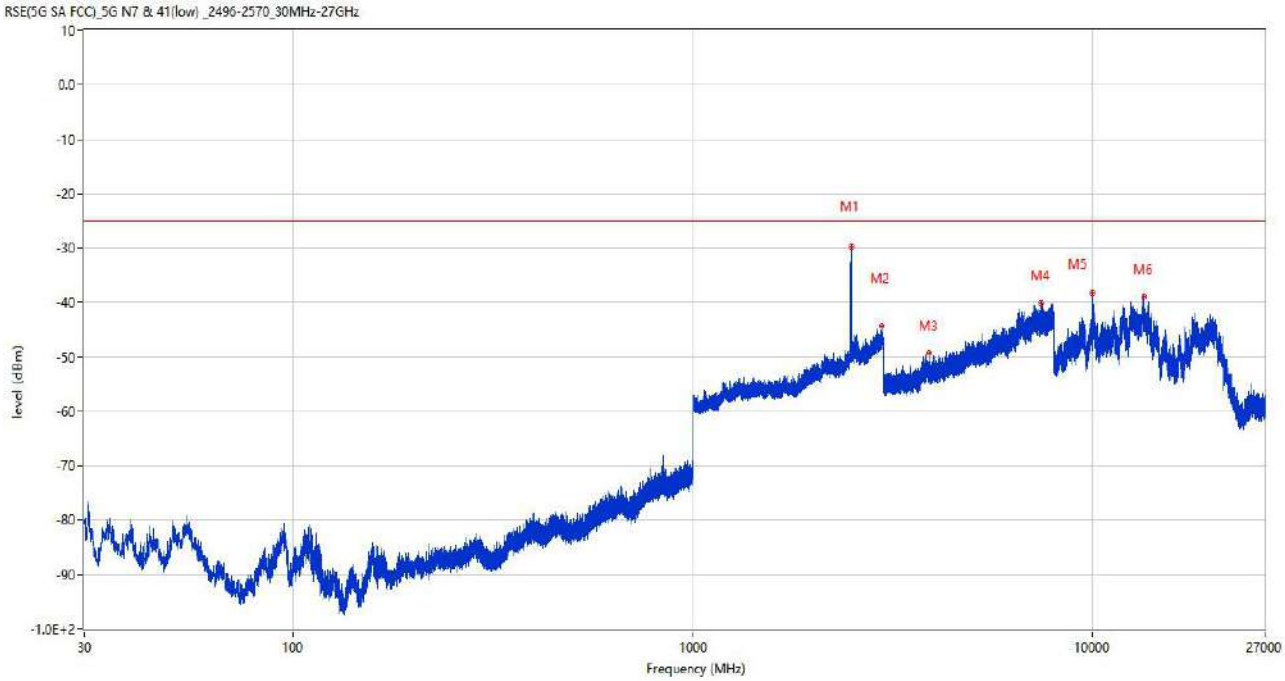
BW:10M



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
1203.400	-54.03	-1.42	-25.0	29.03	156.00	Vertical	Vertical	Pass
2490.900	-22.48	6.80	-25.0	-2.52	1.00	Vertical	Vertical	N/A
3888.250	-49.93	7.06	-25.0	24.93	173.00	Vertical	Vertical	Pass
7353.500	-40.23	14.64	-25.0	15.23	352.00	Vertical	Vertical	Pass
9989.537	-33.80	11.09	-25.0	8.80	207.00	Vertical	Vertical	Pass
13375.799	-38.79	16.78	-25.0	13.79	3.00	Vertical	Vertical	Pass

BAND:SA N41,Channel:LOW range

BW:10M

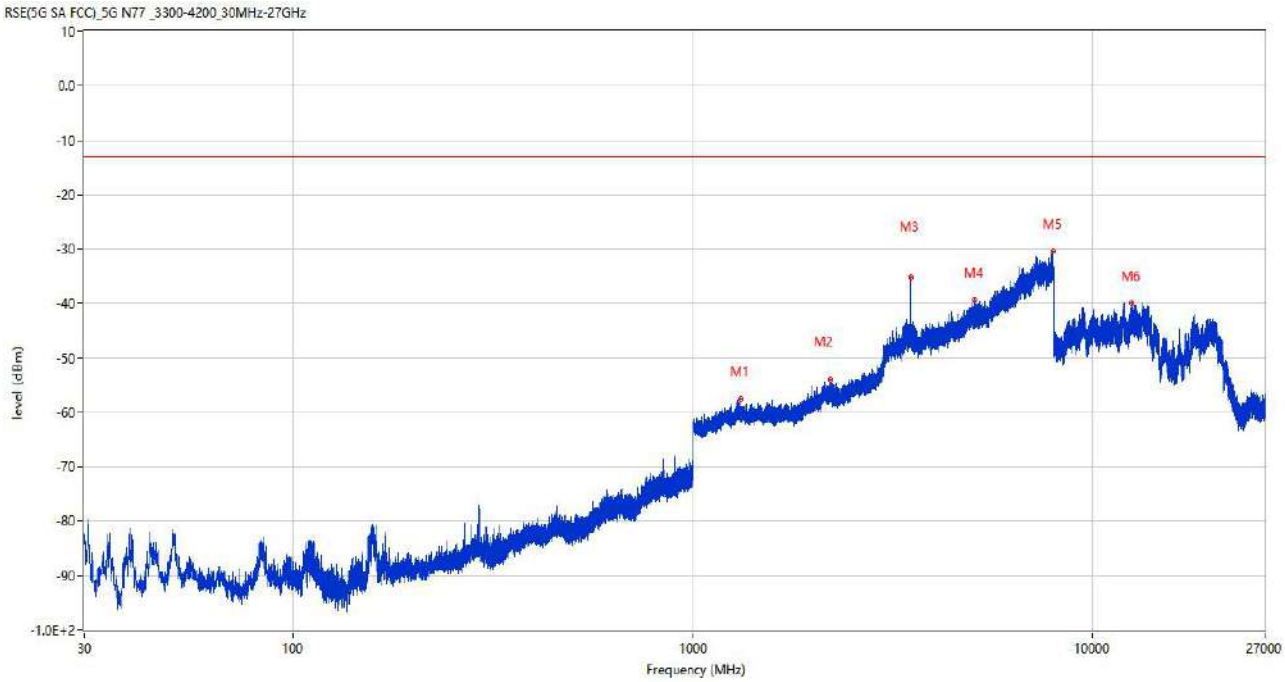


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
2492.400	-29.83	6.81	-25.0	4.83	105.00	Vertical	Horizontal	N/A
2963.100	-44.26	9.68	-25.0	19.26	235.00	Vertical	Horizontal	Pass
3891.750	-49.25	6.99	-25.0	24.25	196.00	Vertical	Horizontal	Pass
7422.500	-40.11	14.09	-25.0	15.11	0.00	Vertical	Horizontal	Pass
9989.300	-38.36	11.10	-25.0	13.36	304.00	Vertical	Horizontal	Pass
13422.525	-38.84	16.51	-25.0	13.84	179.00	Vertical	Horizontal	Pass

5.6 n77(3450-3550MHz)

BAND:SA N77,Channel:MID range

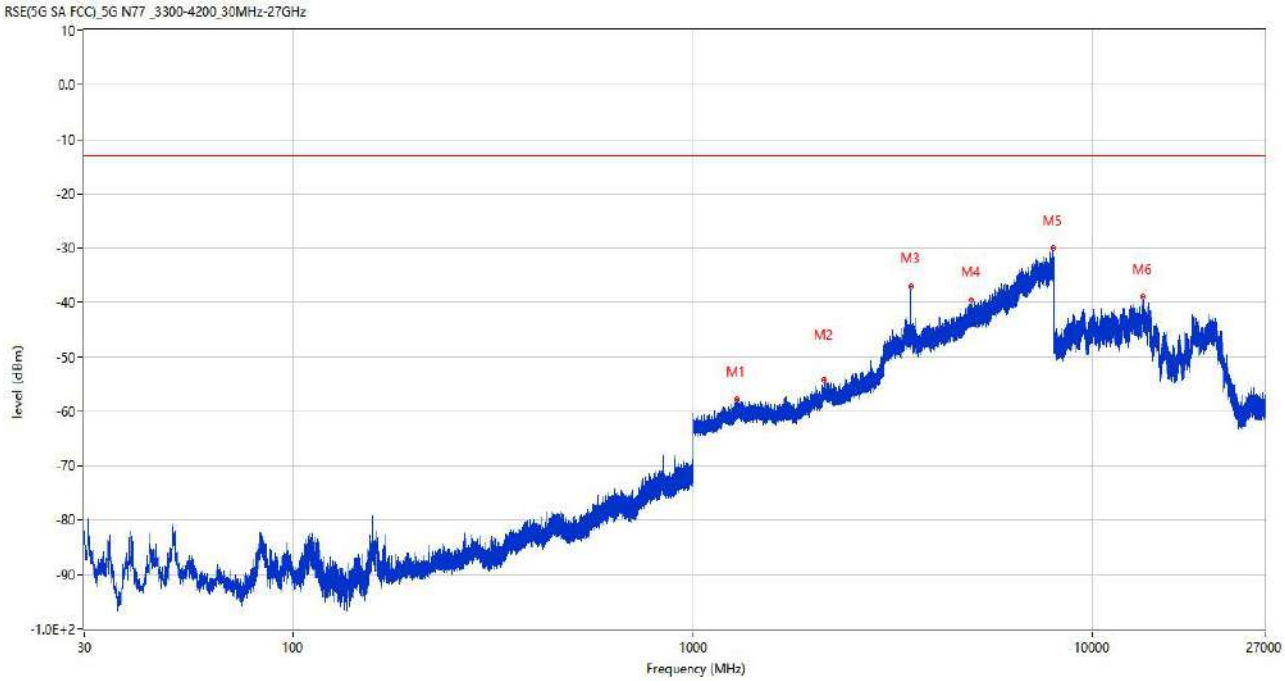
BW:10M



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
1318.700	-57.59	-5.02	-13.0	44.59	0.00	Horizontal	Horizontal	Pass
2208.700	-53.92	-1.91	-13.0	40.92	52.00	Horizontal	Horizontal	Pass
3504.250	-35.11	13.21	-13.0	22.11	360.00	Horizontal	Horizontal	N/A
5053.500	-39.27	16.13	-13.0	26.27	360.00	Horizontal	Horizontal	Pass
7972.250	-30.45	24.29	-13.0	17.45	138.00	Horizontal	Horizontal	Pass
12509.175	-39.92	14.41	-13.0	26.92	324.00	Horizontal	Horizontal	Pass

BAND:SA N77,Channel:MID range

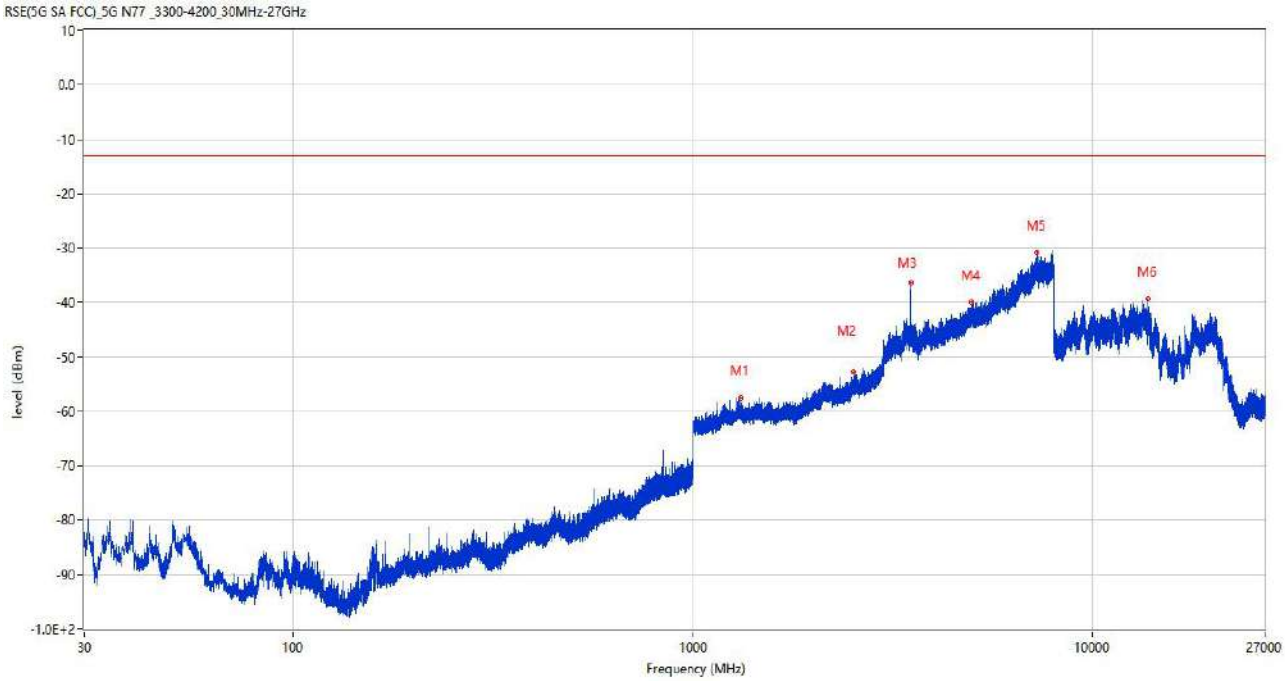
BW:10M



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
1288.900	-57.67	-4.69	-13.0	44.67	299.00	Horizontal	Vertical	Pass
2131.700	-54.31	-1.55	-13.0	41.31	181.00	Horizontal	Vertical	Pass
3504.250	-36.95	13.21	-13.0	23.95	158.00	Horizontal	Vertical	N/A
4966.500	-39.44	16.67	-13.0	26.44	300.00	Horizontal	Vertical	Pass
7963.250	-30.01	25.53	-13.0	17.01	360.00	Horizontal	Vertical	Pass
13395.488	-38.97	16.97	-13.0	25.97	62.00	Horizontal	Vertical	Pass

BAND:SA N77,Channel:MID range

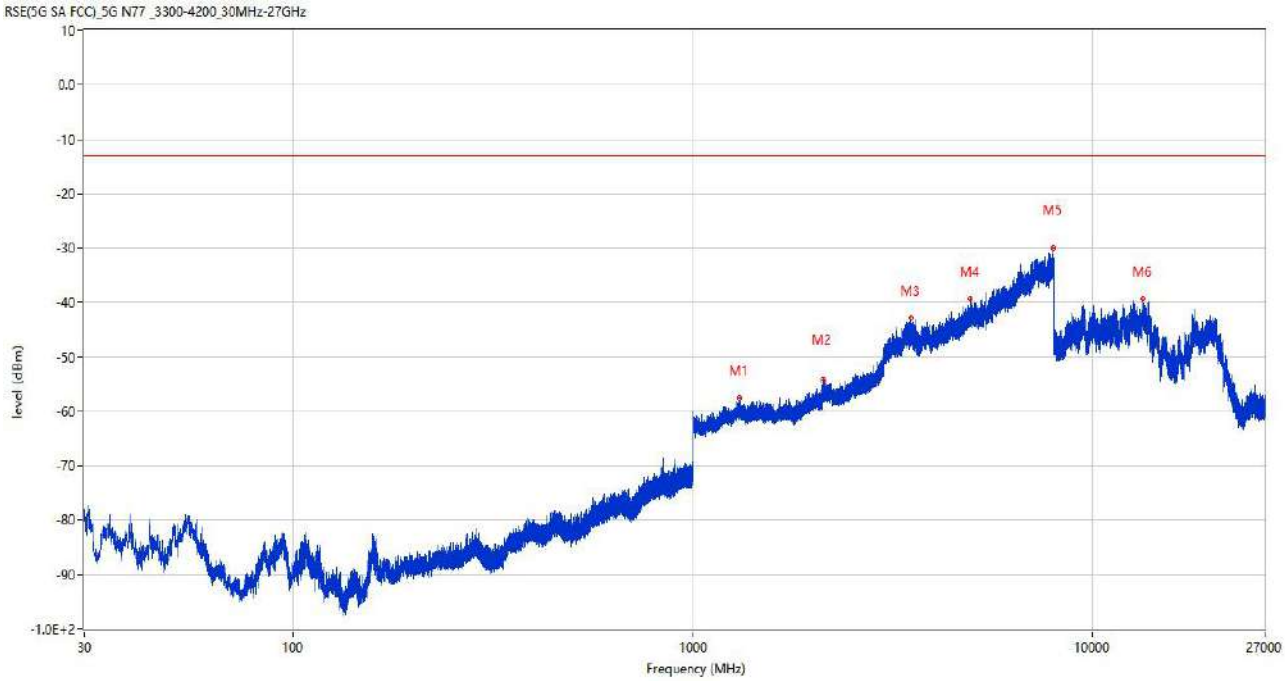
BW:10M



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
1314.900	-57.62	-5.14	-13.0	44.62	61.00	Vertical	Vertical	Pass
2518.700	-52.77	0.26	-13.0	39.77	246.00	Vertical	Vertical	Pass
3504.500	-36.37	13.21	-13.0	23.37	182.00	Vertical	Vertical	N/A
4984.500	-40.02	15.72	-13.0	27.02	106.00	Vertical	Vertical	Pass
7265.500	-30.75	23.99	-13.0	17.75	0.00	Vertical	Vertical	Pass
13795.800	-39.40	16.73	-13.0	26.40	38.00	Vertical	Vertical	Pass

BAND:SA N77,Channel:MID range

BW:10M

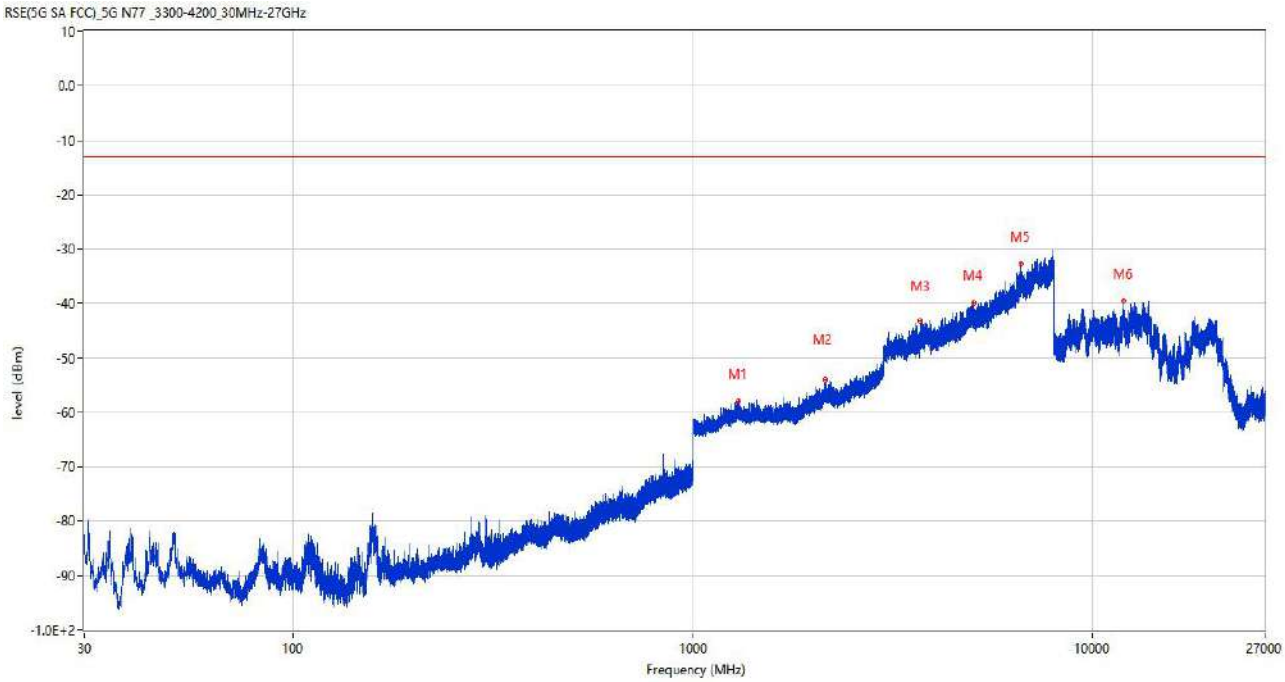


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
1308.200	-57.59	-5.14	-13.0	44.59	359.00	Vertical	Horizontal	Pass
2119.900	-54.25	-2.00	-13.0	41.25	261.00	Vertical	Horizontal	Pass
3504.250	-42.80	13.21	-13.0	29.80	149.00	Vertical	Horizontal	N/A
4955.500	-39.34	15.98	-13.0	26.34	182.00	Vertical	Horizontal	Pass
7962.250	-30.06	25.43	-13.0	17.06	360.00	Vertical	Horizontal	Pass
13394.437	-39.30	16.96	-13.0	26.30	360.00	Vertical	Horizontal	Pass

5.7 n77(3700-3980MHz)

BAND:SA N77,Channel:LOW range

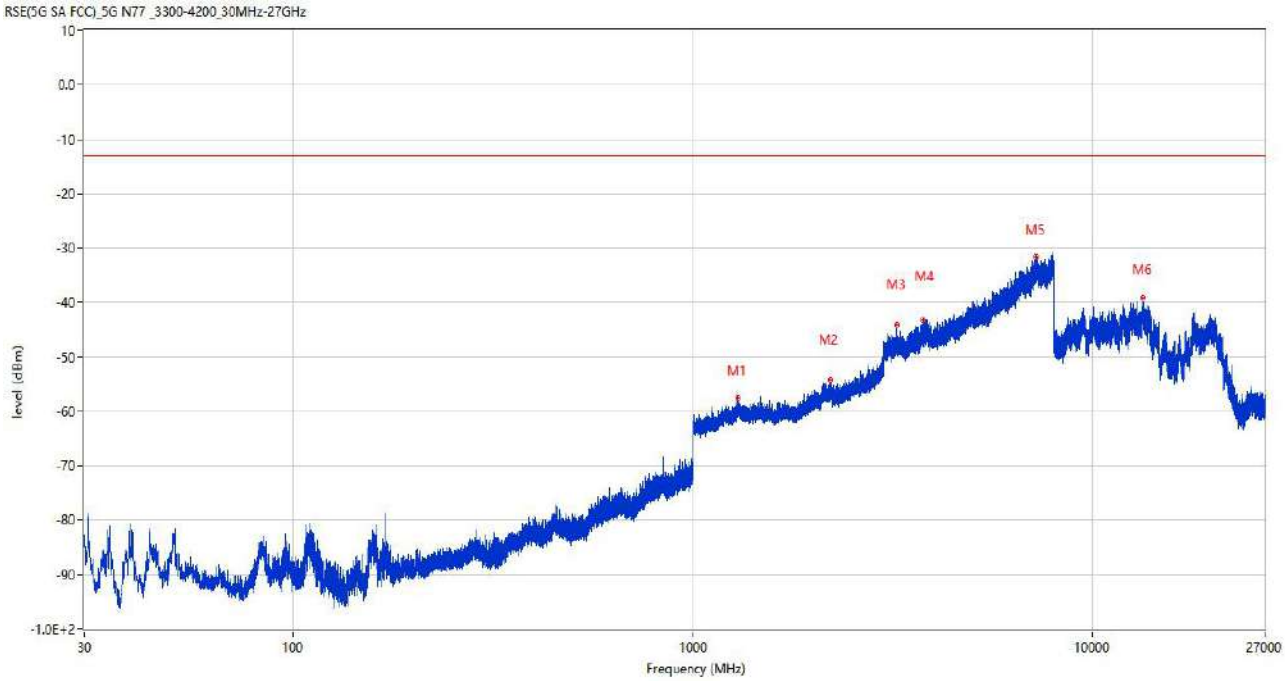
BW:50M



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
1298.000	-57.88	-4.65	-13.0	44.88	1.00	Horizontal	Horizontal	Pass
2140.300	-53.94	-1.58	-13.0	40.94	7.00	Horizontal	Horizontal	Pass
3706.250	-43.33	12.62	-13.0	30.33	95.00	Horizontal	Horizontal	N/A
5049.250	-39.94	15.85	-13.0	26.94	217.00	Horizontal	Horizontal	Pass
6637.250	-32.66	21.24	-13.0	19.66	71.00	Horizontal	Horizontal	Pass
11968.625	-39.53	14.03	-13.0	26.53	21.00	Horizontal	Horizontal	Pass

BAND:SA N77,Channel:LOW range

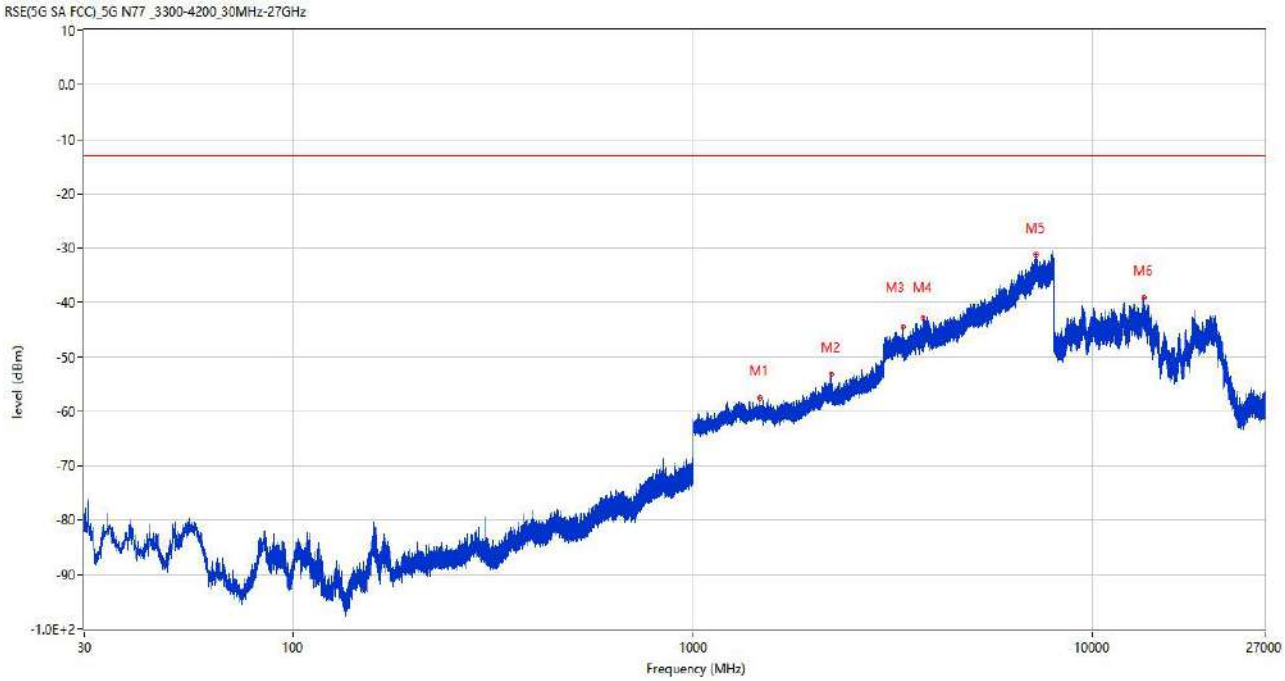
BW:50M



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
1291.100	-57.55	-4.57	-13.0	44.55	16.00	Horizontal	Vertical	Pass
2213.700	-54.25	-1.79	-13.0	41.25	1.00	Horizontal	Vertical	Pass
3236.000	-43.99	11.15	-13.0	30.99	76.00	Horizontal	Vertical	Pass
3762.000	-43.16	13.21	-13.0	30.16	360.00	Horizontal	Vertical	N/A
7235.750	-31.71	22.98	-13.0	18.71	161.00	Horizontal	Vertical	Pass
13364.513	-39.00	16.68	-13.0	26.00	149.00	Horizontal	Vertical	Pass

BAND:SA N77,Channel:LOW range

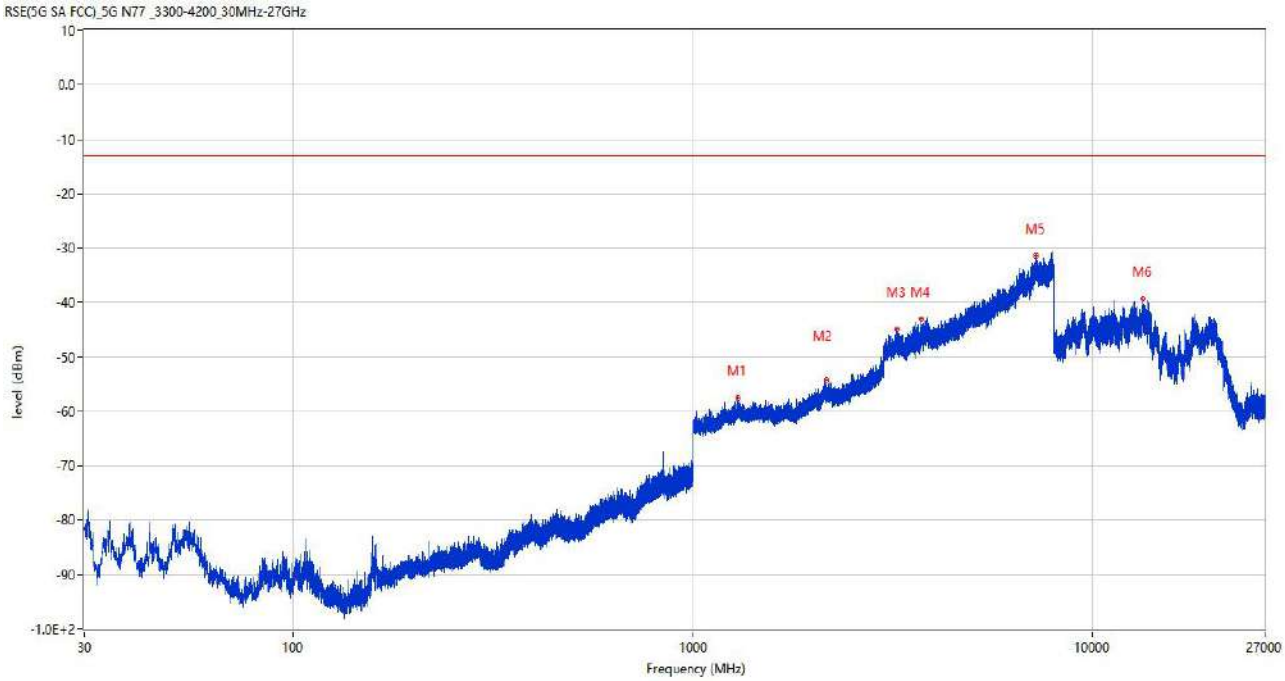
BW:50M



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
1469.400	-57.54	-5.35	-13.0	44.54	323.00	Vertical	Vertical	Pass
2219.500	-53.24	-1.26	-13.0	40.24	1.00	Vertical	Vertical	Pass
3360.000	-44.41	10.41	-13.0	31.41	117.00	Vertical	Vertical	Pass
3758.750	-42.90	13.19	-13.0	29.90	214.00	Vertical	Vertical	N/A
7212.750	-31.27	22.46	-13.0	18.27	178.00	Vertical	Vertical	Pass
13408.612	-39.18	16.82	-13.0	26.18	12.00	Vertical	Vertical	Pass

BAND:SA N77,Channel:LOW range

BW:50M

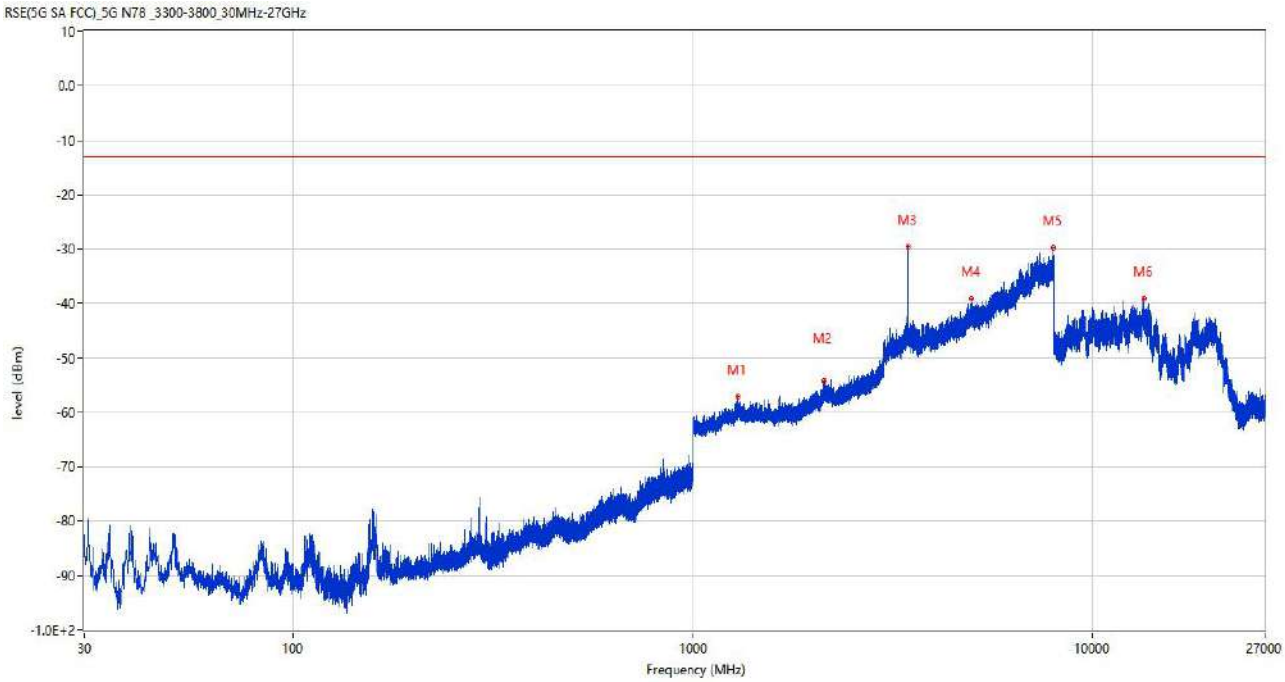


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
1293.700	-57.47	-4.47	-13.0	44.47	166.00	Vertical	Horizontal	Pass
2161.500	-54.28	-1.84	-13.0	41.28	2.00	Vertical	Horizontal	Pass
3238.500	-44.86	11.01	-13.0	31.86	63.00	Vertical	Horizontal	Pass
3734.500	-42.93	12.96	-13.0	29.93	360.00	Vertical	Horizontal	N/A
7224.000	-31.40	22.46	-13.0	18.40	2.00	Vertical	Horizontal	Pass
13380.000	-39.38	16.82	-13.0	26.38	360.00	Vertical	Horizontal	Pass

5.8 n78(3450-3550MHz)

BAND:SA N78,Channel:LOW range

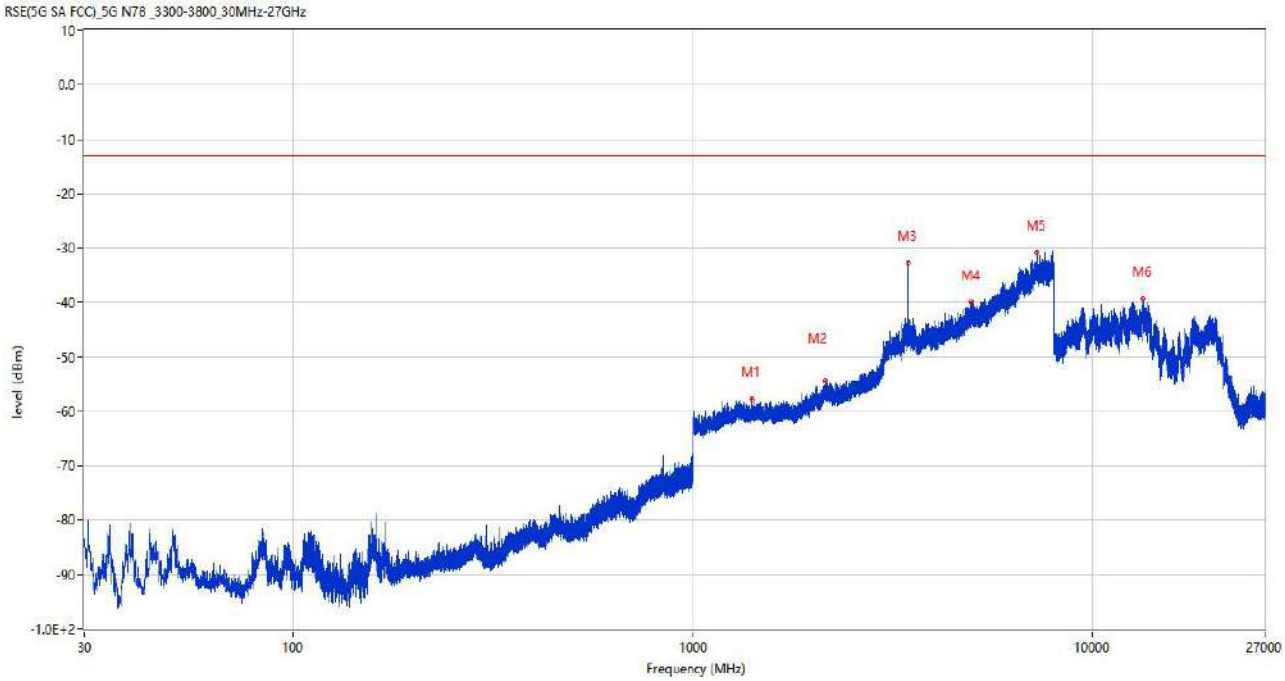
BW:10M



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
1294.500	-57.13	-4.51	-13.0	44.13	5.00	Horizontal	Horizontal	Pass
2134.300	-54.13	-1.29	-13.0	41.13	57.00	Horizontal	Horizontal	Pass
3459.250	-29.64	13.36	-13.0	16.64	360.00	Horizontal	Horizontal	N/A
4981.500	-39.02	15.79	-13.0	26.02	18.00	Horizontal	Horizontal	Pass
7960.500	-29.79	25.55	-13.0	16.79	215.00	Horizontal	Horizontal	Pass
13411.763	-39.12	16.75	-13.0	26.12	248.00	Horizontal	Horizontal	Pass

BAND:SA N78,Channel:LOW range

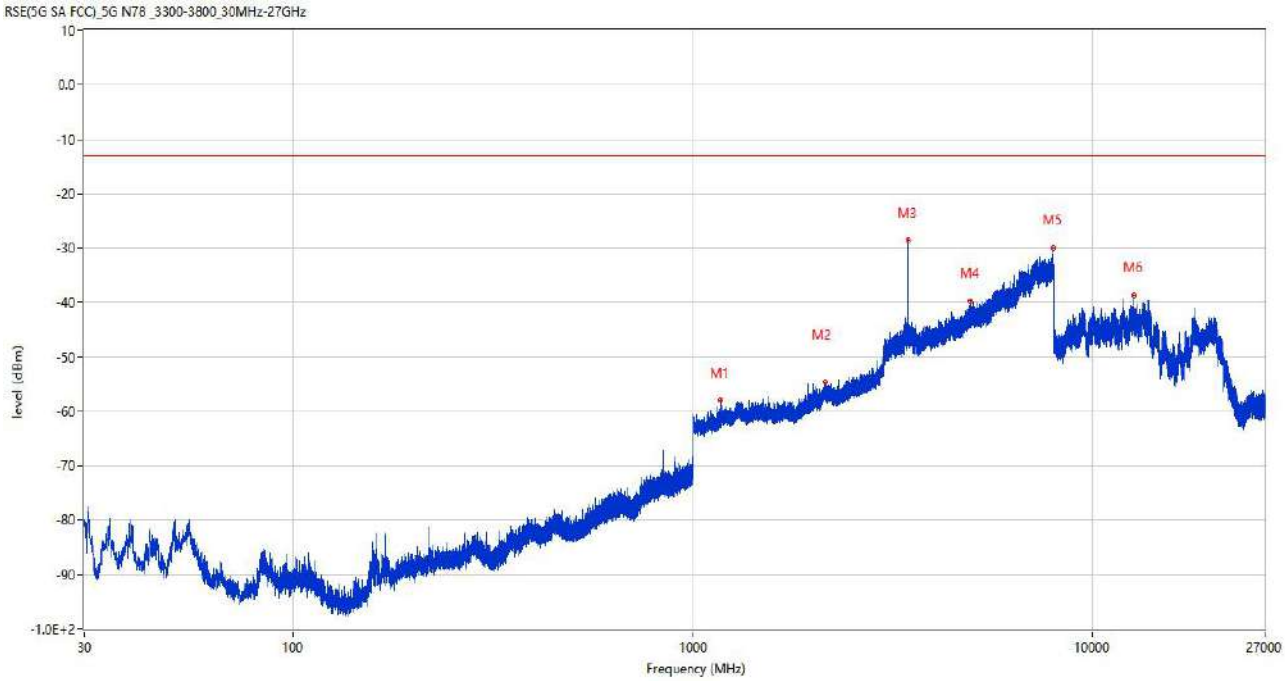
BW:10M



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
1401.500	-57.72	-5.88	-13.0	44.72	354.00	Horizontal	Vertical	Pass
2147.100	-54.52	-1.88	-13.0	41.52	2.00	Horizontal	Vertical	Pass
3459.750	-32.64	13.36	-13.0	19.64	360.00	Horizontal	Vertical	N/A
4972.000	-39.89	16.12	-13.0	26.89	283.00	Horizontal	Vertical	Pass
7249.500	-30.85	23.74	-13.0	17.85	235.00	Horizontal	Vertical	Pass
13349.287	-39.30	16.51	-13.0	26.30	360.00	Horizontal	Vertical	Pass

BAND:SA N78,Channel:LOW range

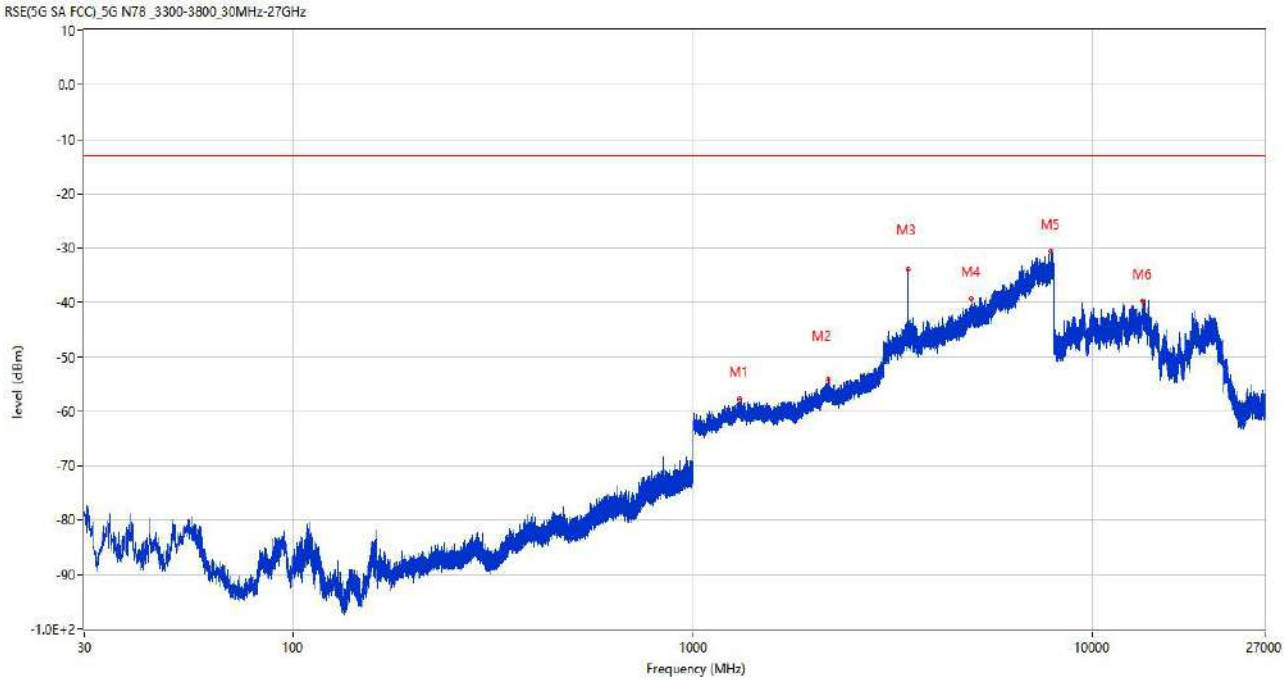
BW:10M



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
1170.500	-58.03	-6.43	-13.0	45.03	35.00	Vertical	Vertical	Pass
2141.100	-54.62	-1.59	-13.0	41.62	312.00	Vertical	Vertical	Pass
3459.500	-28.61	13.36	-13.0	15.61	179.00	Vertical	Vertical	N/A
4955.750	-39.64	15.98	-13.0	26.64	179.00	Vertical	Vertical	Pass
7955.500	-29.90	24.98	-13.0	16.90	123.00	Vertical	Vertical	Pass
12698.463	-38.58	14.85	-13.0	25.58	349.00	Vertical	Vertical	Pass

BAND:SA N78,Channel:LOW range

BW:10M

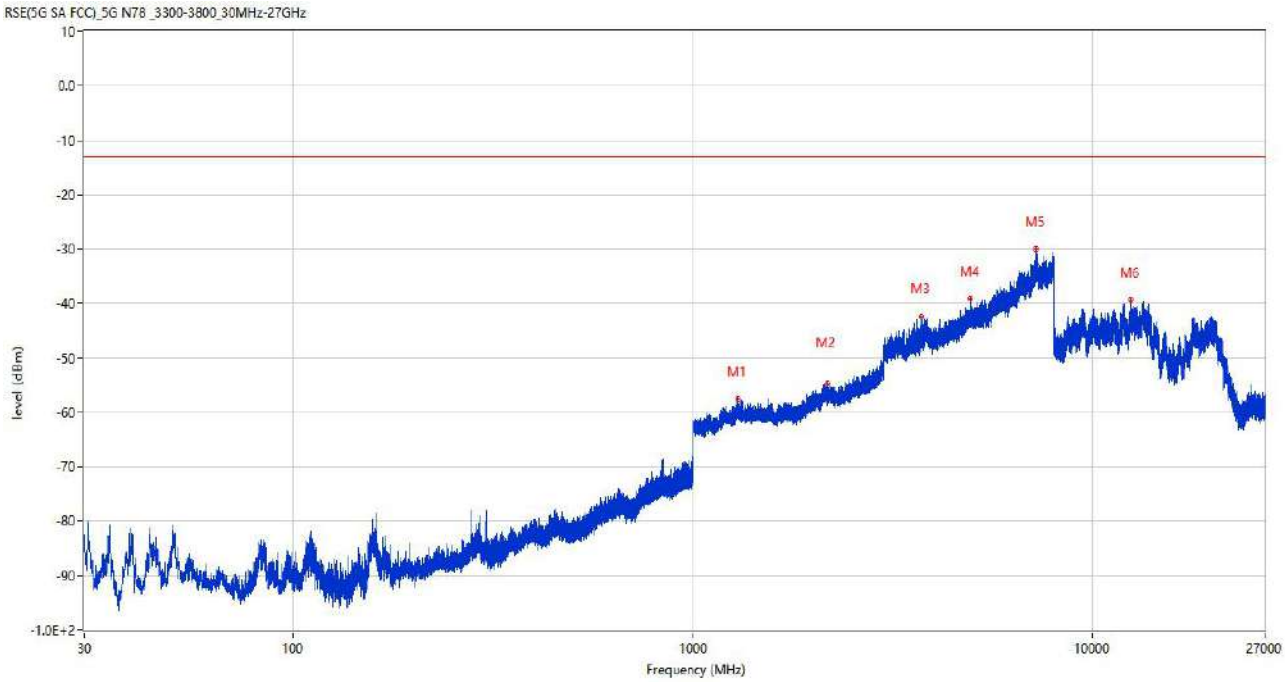


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
1312.200	-57.72	-5.12	-13.0	44.72	1.00	Vertical	Horizontal	Pass
2179.900	-54.22	-1.28	-13.0	41.22	26.00	Vertical	Horizontal	Pass
3459.500	-33.91	13.36	-13.0	20.91	360.00	Vertical	Horizontal	N/A
4969.250	-39.27	16.51	-13.0	26.27	360.00	Vertical	Horizontal	Pass
7881.000	-30.68	23.89	-13.0	17.68	360.00	Vertical	Horizontal	Pass
13346.138	-39.72	16.39	-13.0	26.72	345.00	Vertical	Horizontal	Pass

5.9 n78(3700-3800MHz)

BAND:SA N78,Channel:LOW range

BW:50M



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
1291.600	-57.51	-4.58	-13.0	44.51	238.00	Horizontal	Horizontal	Pass
2176.100	-54.67	-1.55	-13.0	41.67	5.00	Horizontal	Horizontal	Pass
3734.750	-42.32	12.96	-13.0	29.32	360.00	Horizontal	Horizontal	N/A
4963.000	-39.03	15.98	-13.0	26.03	356.00	Horizontal	Horizontal	Pass
7241.250	-30.08	23.42	-13.0	17.08	360.00	Horizontal	Horizontal	Pass
12484.237	-39.38	14.41	-13.0	26.38	213.00	Horizontal	Horizontal	Pass