

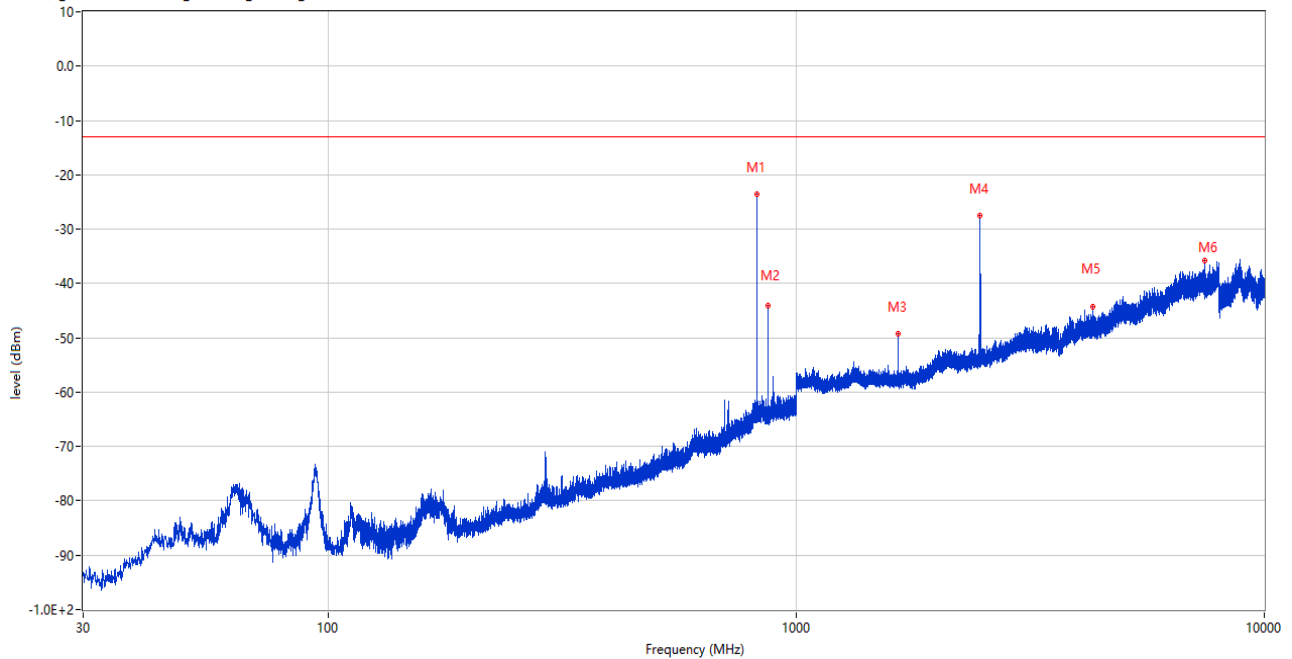
## **A.7 Field Strength of Spurious Radiation**

# 1. GSM

## 1.1 GSM 850

BAND:GSM850,Channel:LOW range

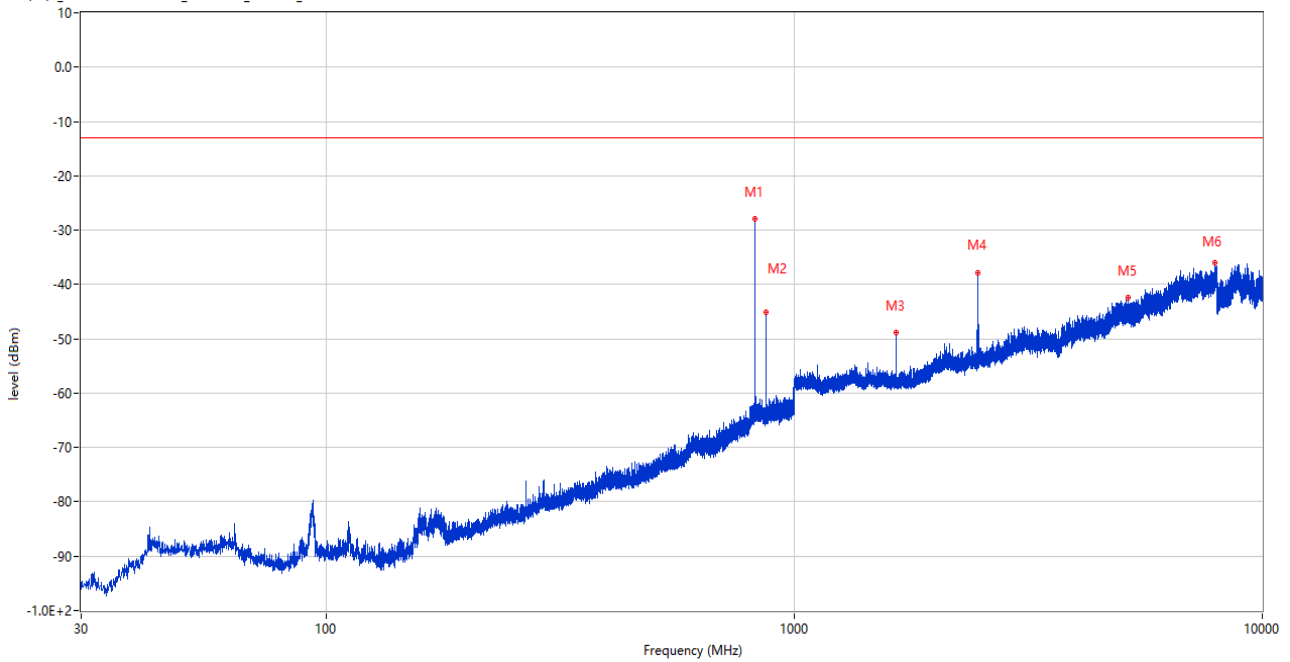
RSE (RF) \_FCC PART22&24&27\_GSM 850\_814-849\_30MHz-10GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
824.236	-23.54	6.91	-13.0	10.54	150.00	Horizontal	Horizontal	N/A
869.196	-44.12	6.35	-13.0	31.12	88.00	Horizontal	Horizontal	N/A
1649.300	-49.31	-3.69	-13.0	36.31	140.00	Horizontal	Horizontal	Pass
2473.500	-27.47	0.95	-13.0	14.47	219.00	Horizontal	Horizontal	Pass
4296.750	-44.33	10.55	-13.0	31.33	92.00	Horizontal	Horizontal	Pass
7452.000	-35.88	16.27	-13.0	22.88	273.00	Horizontal	Horizontal	Pass

BAND:GSM850,Channel:LOW range

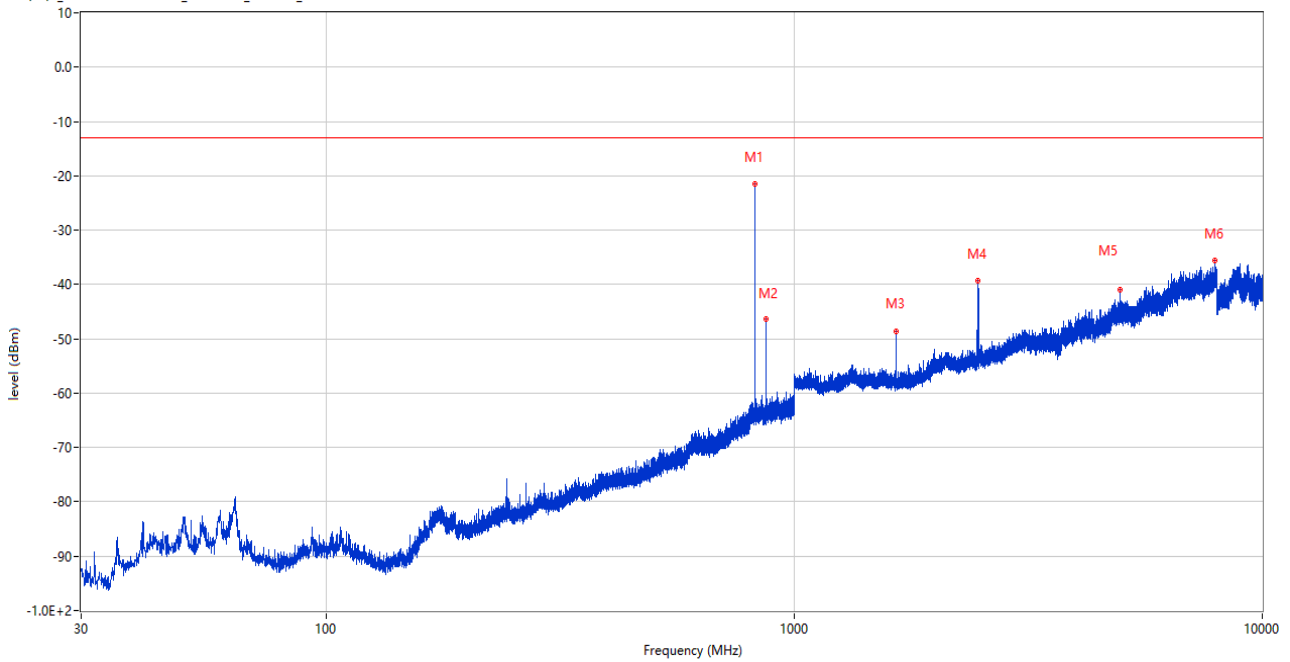
RSE (RF) \_FCC PART22&24&27\_GSM 850\_814-849\_30MHz-10GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
824.139	-27.91	6.90	-13.0	14.91	105.00	Horizontal	Vertical	N/A
869.147	-45.11	6.35	-13.0	32.11	313.00	Horizontal	Vertical	N/A
1649.300	-48.91	-3.69	-13.0	35.91	346.00	Horizontal	Vertical	Pass
2473.500	-37.78	0.95	-13.0	24.78	360.00	Horizontal	Vertical	Pass
5166.250	-42.42	12.06	-13.0	29.42	228.00	Horizontal	Vertical	Pass
7938.000	-35.89	18.93	-13.0	22.89	331.00	Horizontal	Vertical	Pass

BAND:GSM850,Channel:LOW range

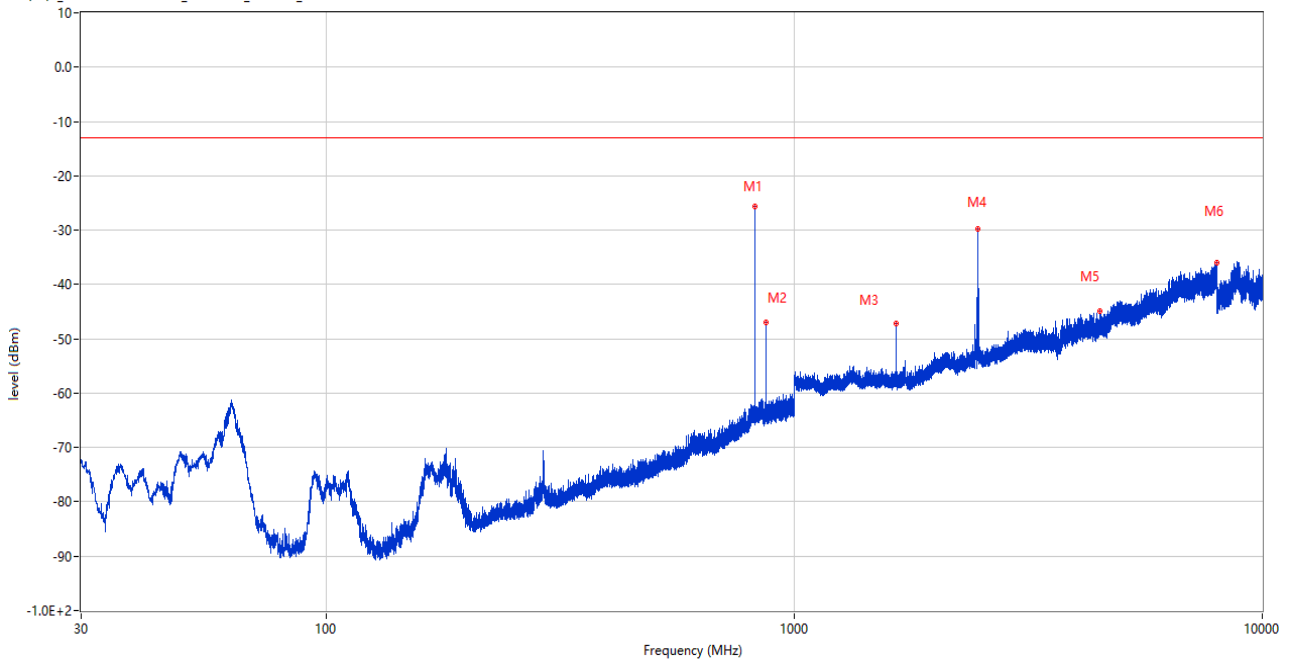
RSE (RF) \_FCC PART22&24&27\_GSM 850\_814-849\_30MHz-10GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
824.188	-21.56	6.91	-13.0	8.56	0.00	Vertical	Vertical	N/A
869.196	-46.32	6.35	-13.0	33.32	209.00	Vertical	Vertical	N/A
1649.400	-48.54	-3.69	-13.0	35.54	178.00	Vertical	Vertical	Pass
2473.200	-39.27	0.92	-13.0	26.27	360.00	Vertical	Vertical	Pass
4974.000	-41.02	13.47	-13.0	28.02	10.00	Vertical	Vertical	Pass
7924.250	-35.64	18.34	-13.0	22.64	322.00	Vertical	Vertical	Pass

BAND:GSM850,Channel:LOW range

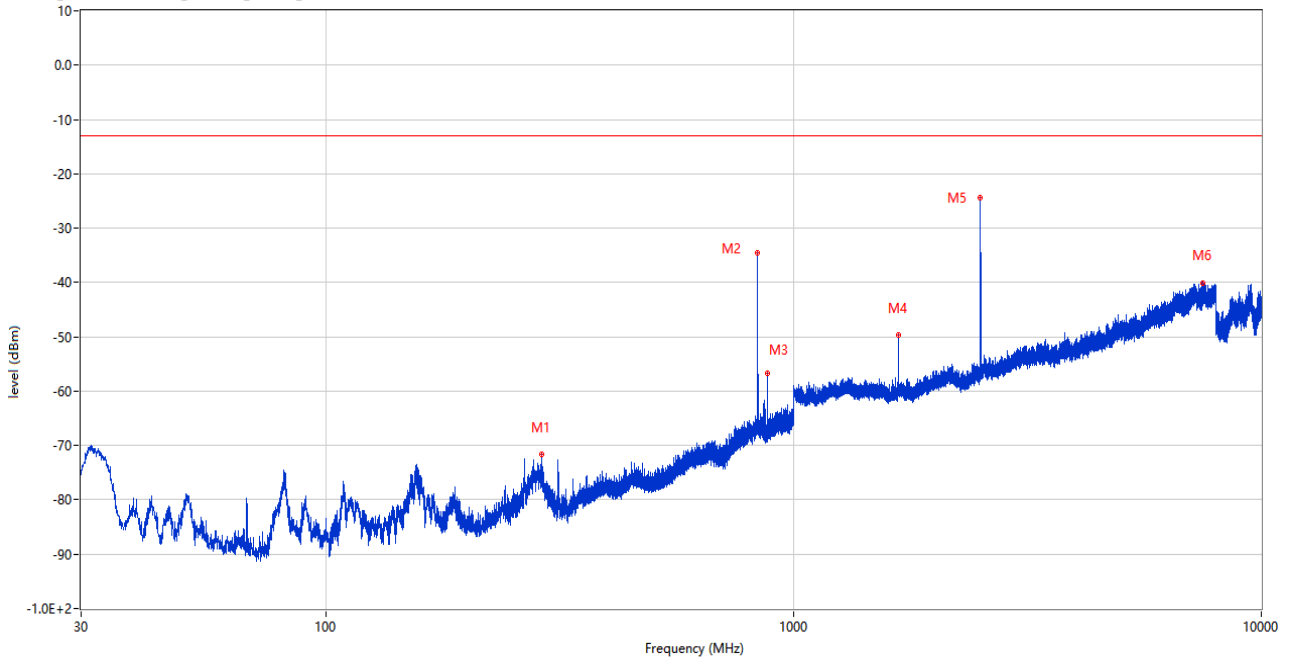
RSE (RF) \_FCC PART22&24&27\_GSM 850\_814-849\_30MHz-10GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
824.139	-25.65	6.90	-13.0	12.65	84.00	Vertical	Horizontal	N/A
869.244	-47.07	6.36	-13.0	34.07	208.00	Vertical	Horizontal	N/A
1649.200	-47.16	-3.69	-13.0	34.16	117.00	Vertical	Horizontal	Pass
2473.500	-29.78	0.95	-13.0	16.78	117.00	Vertical	Horizontal	Pass
4503.000	-44.87	11.26	-13.0	31.87	175.00	Vertical	Horizontal	Pass
7987.000	-36.01	18.30	-13.0	23.01	175.00	Vertical	Horizontal	Pass

BAND:GSM850,Channel:MID range

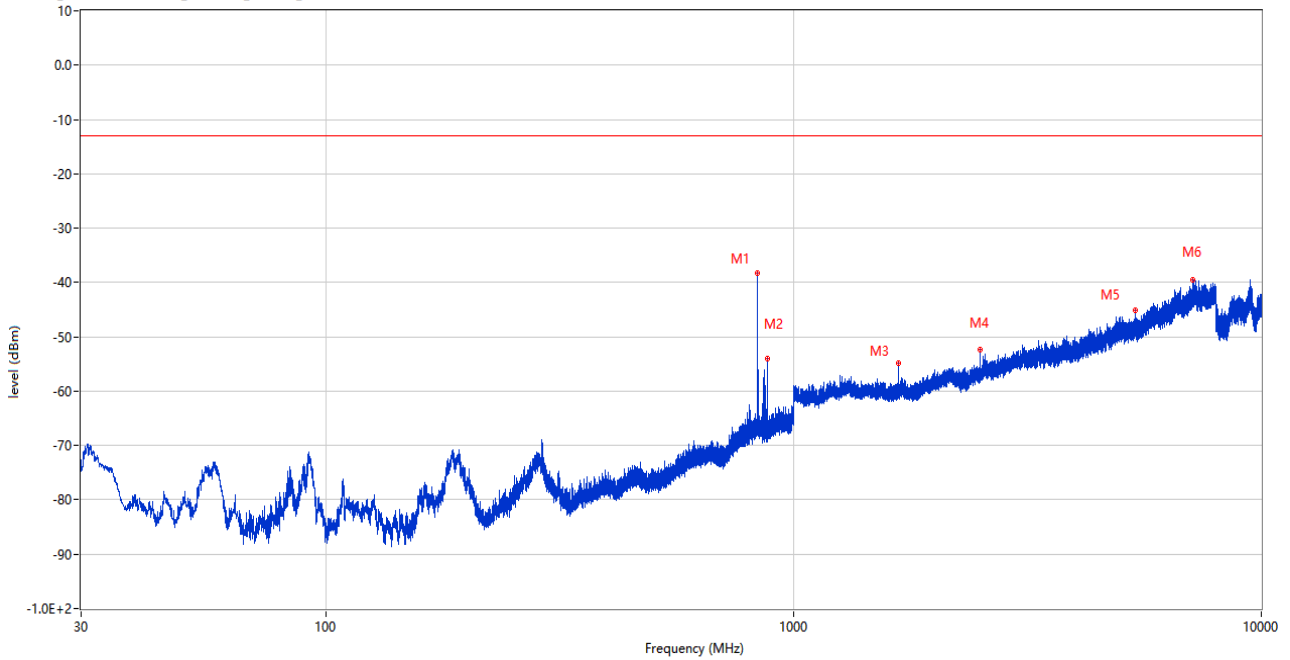
RSE (RF) \_FCC PART22&24&27\_GSM 850\_814-849\_30MHz-10GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
289.863	-71.61	-11.08	-13.0	58.61	41.00	Horizontal	Horizontal	Pass
836.700	-34.61	4.60	-13.0	21.61	154.00	Horizontal	Horizontal	N/A
881.612	-56.73	3.61	-13.0	43.73	107.00	Horizontal	Horizontal	N/A
1674.000	-49.62	-5.43	-13.0	36.62	177.00	Horizontal	Horizontal	Pass
2510.500	-24.35	-1.28	-13.0	11.35	210.00	Horizontal	Horizontal	Pass
7482.500	-40.07	14.36	-13.0	27.07	266.00	Horizontal	Horizontal	Pass

BAND:GSM850,Channel:MID range

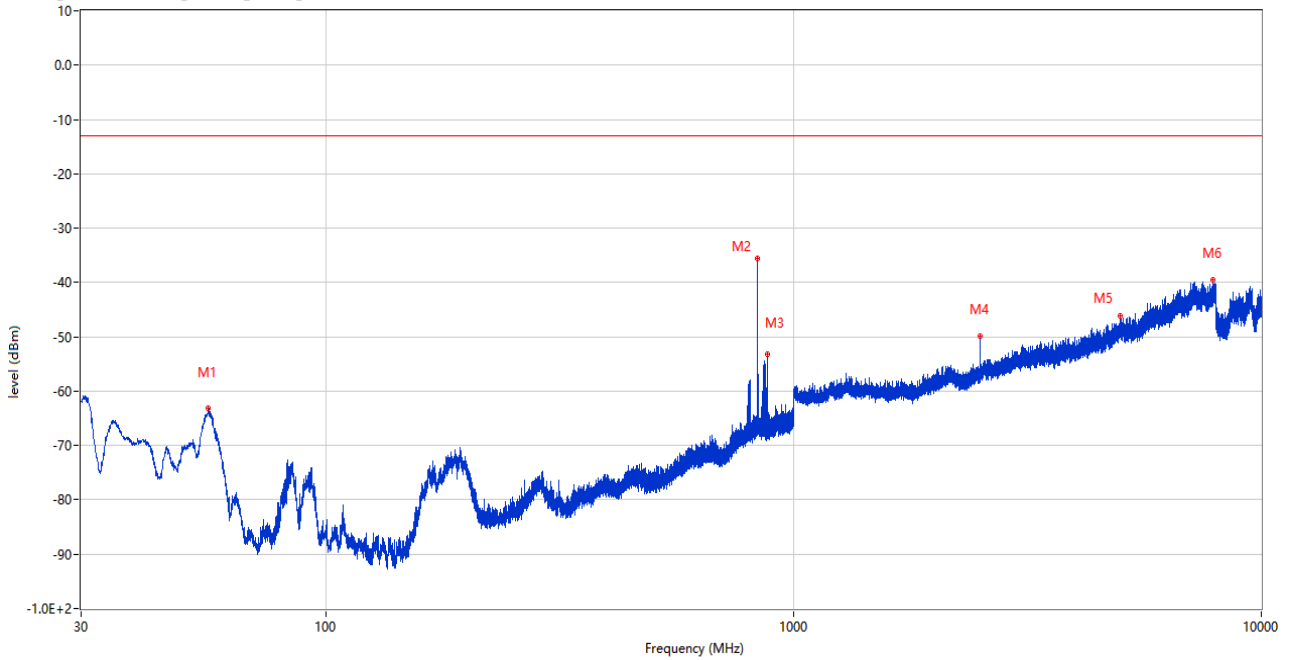
RSE (RF) \_FCC PART22&24&27\_GSM 850\_814-849\_30MHz-10GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
836.604	-38.33	4.59	-13.0	25.33	244.00	Horizontal	Vertical	N/A
881.563	-53.99	3.61	-13.0	40.99	244.00	Horizontal	Vertical	N/A
1674.200	-54.86	-5.44	-13.0	41.86	359.00	Horizontal	Vertical	Pass
2510.800	-52.31	-1.30	-13.0	39.31	307.00	Horizontal	Vertical	Pass
5380.250	-45.16	8.97	-13.0	32.16	228.00	Horizontal	Vertical	Pass
7145.000	-39.42	14.21	-13.0	26.42	350.00	Horizontal	Vertical	Pass

BAND:GSM850,Channel:MID range

RSE (RF) \_FCC PART22&24&27\_GSM 850\_814-849\_30MHz-10GHz

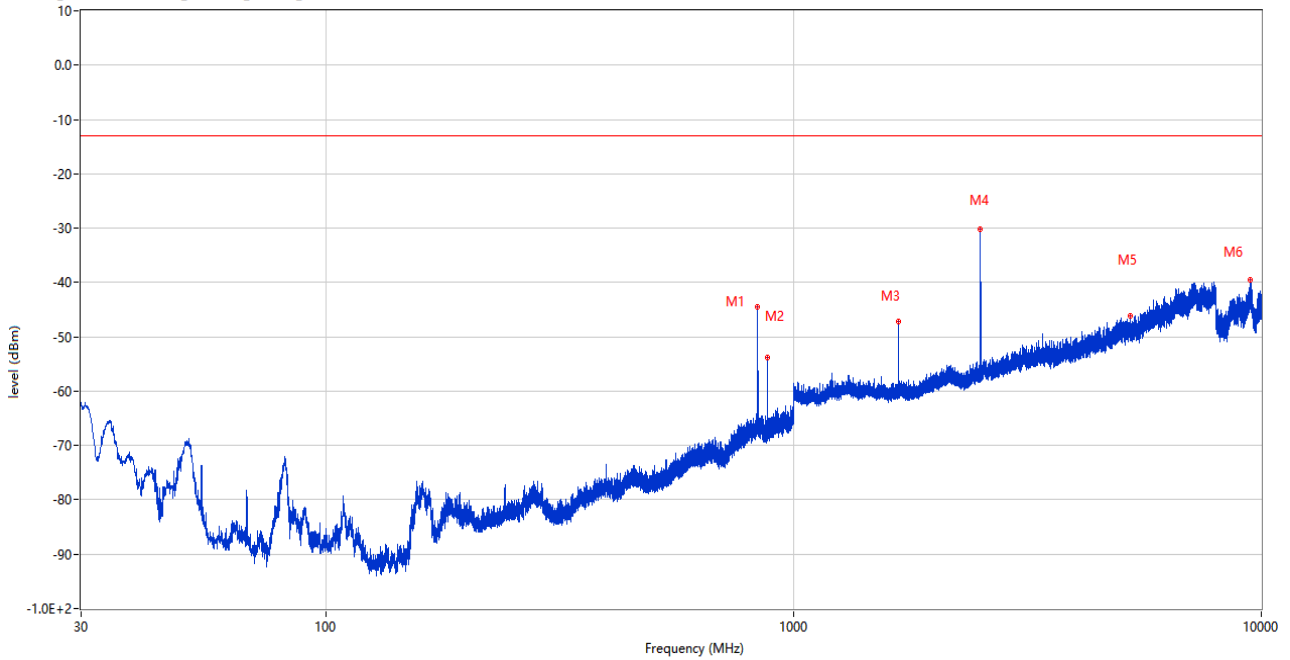


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
56.190	-63.09	-16.22	-13.0	50.09	112.00	Vertical	Vertical	Pass
836.604	-35.56	4.59	-13.0	22.56	8.00	Vertical	Vertical	N/A
881.660	-53.28	3.60	-13.0	40.28	322.00	Vertical	Vertical	N/A
2510.300	-49.82	-1.27	-13.0	36.82	0.00	Vertical	Vertical	Pass
4981.750	-46.13	9.37	-13.0	33.13	75.00	Vertical	Vertical	Pass
7877.250	-39.49	14.91	-13.0	26.49	53.00	Vertical	Vertical	Pass



BAND:GSM850,Channel:MID range

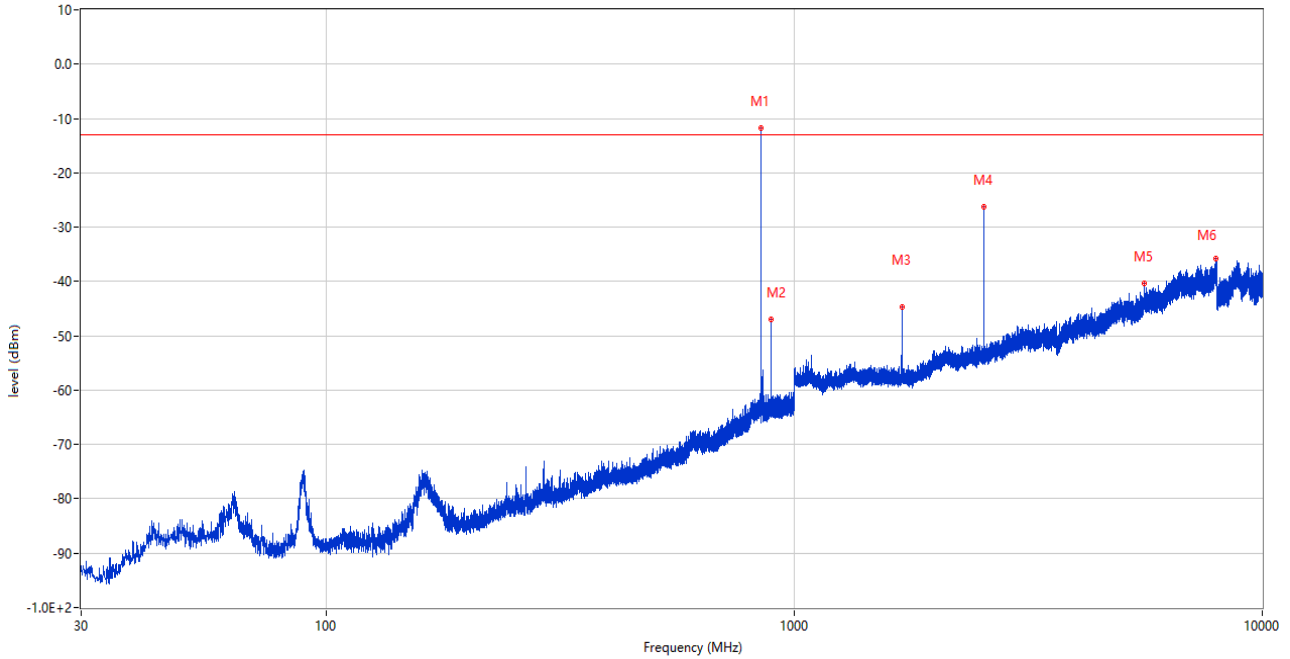
RSE (RF) \_FCC PART22&24&27\_GSM 850\_814-849\_30MHz-10GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
836.700	-44.50	4.60	-13.0	31.50	191.00	Vertical	Horizontal	N/A
881.612	-53.79	3.61	-13.0	40.79	342.00	Vertical	Horizontal	N/A
1674.000	-47.26	-5.43	-13.0	34.26	58.00	Vertical	Horizontal	Pass
2510.300	-30.16	-1.27	-13.0	17.16	135.00	Vertical	Horizontal	Pass
5254.000	-46.06	8.32	-13.0	33.06	83.00	Vertical	Horizontal	Pass
9454.000	-39.42	13.70	-13.0	26.42	360.00	Vertical	Horizontal	Pass

BAND:GSM850,Channel:HIGH range

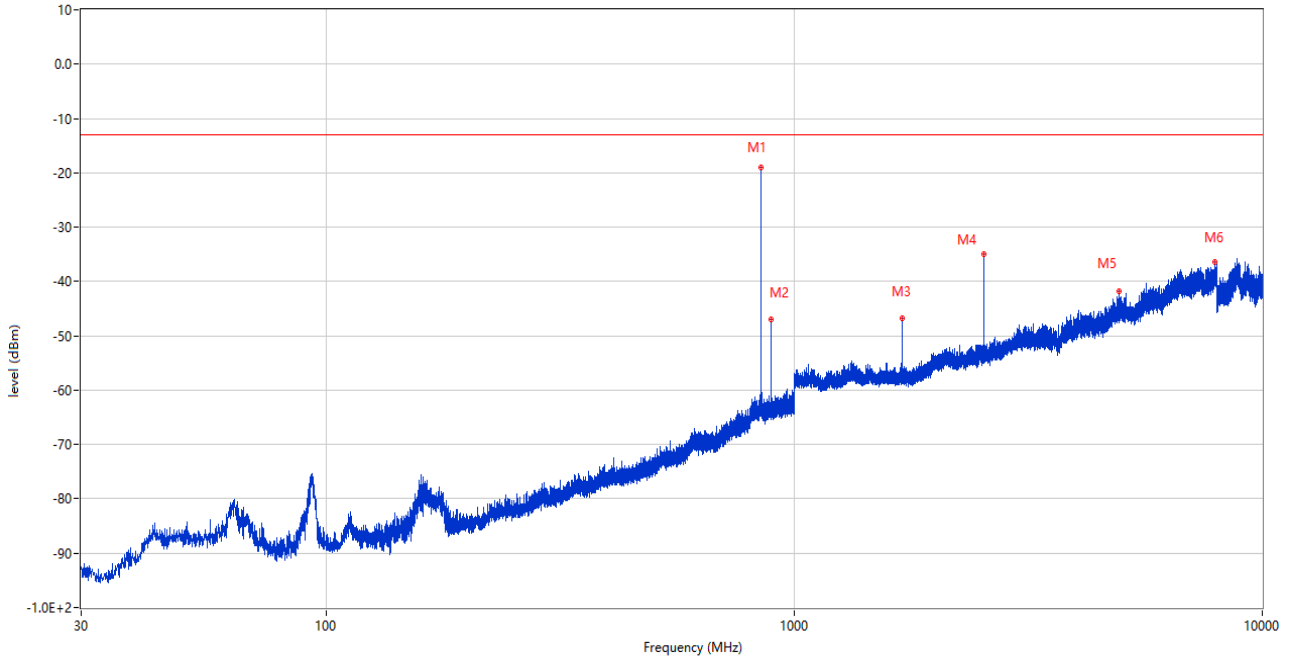
RSE (RF)\_FCC PART22&24&27\_GSM 850\_814-849\_30MHz-10GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
848.825	-11.71	7.31	-13.0	-1.29	144.00	Horizontal	Horizontal	N/A
893.833	-46.94	6.89	-13.0	33.94	323.00	Horizontal	Horizontal	N/A
1698.400	-44.60	-3.59	-13.0	31.60	198.00	Horizontal	Horizontal	Pass
2547.200	-26.34	1.52	-13.0	13.34	321.00	Horizontal	Horizontal	Pass
5609.250	-40.35	13.72	-13.0	27.35	76.00	Horizontal	Horizontal	Pass
7962.000	-35.77	18.21	-13.0	22.77	0.00	Horizontal	Horizontal	Pass

BAND:GSM850,Channel:HIGH range

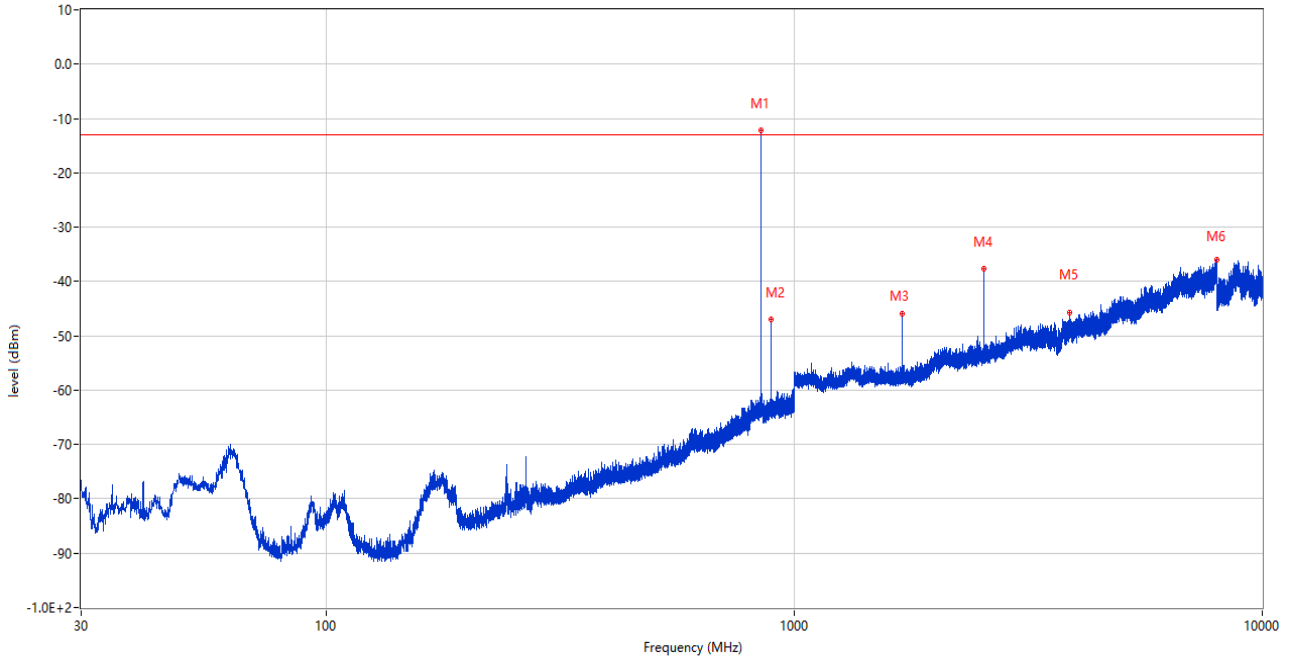
RSE (RF) \_FCC PART22&24&27\_GSM 850\_814-849\_30MHz-10GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
848.874	-19.01	7.31	-13.0	6.01	94.00	Horizontal	Vertical	N/A
893.785	-47.01	6.89	-13.0	34.01	322.00	Horizontal	Vertical	N/A
1698.600	-46.75	-3.61	-13.0	33.75	220.00	Horizontal	Vertical	Pass
2547.100	-35.00	1.52	-13.0	22.00	332.00	Horizontal	Vertical	Pass
4955.250	-41.75	12.86	-13.0	28.75	26.00	Horizontal	Vertical	Pass
7932.500	-36.35	18.76	-13.0	23.35	26.00	Horizontal	Vertical	Pass

BAND:GSM850,Channel:HIGH range

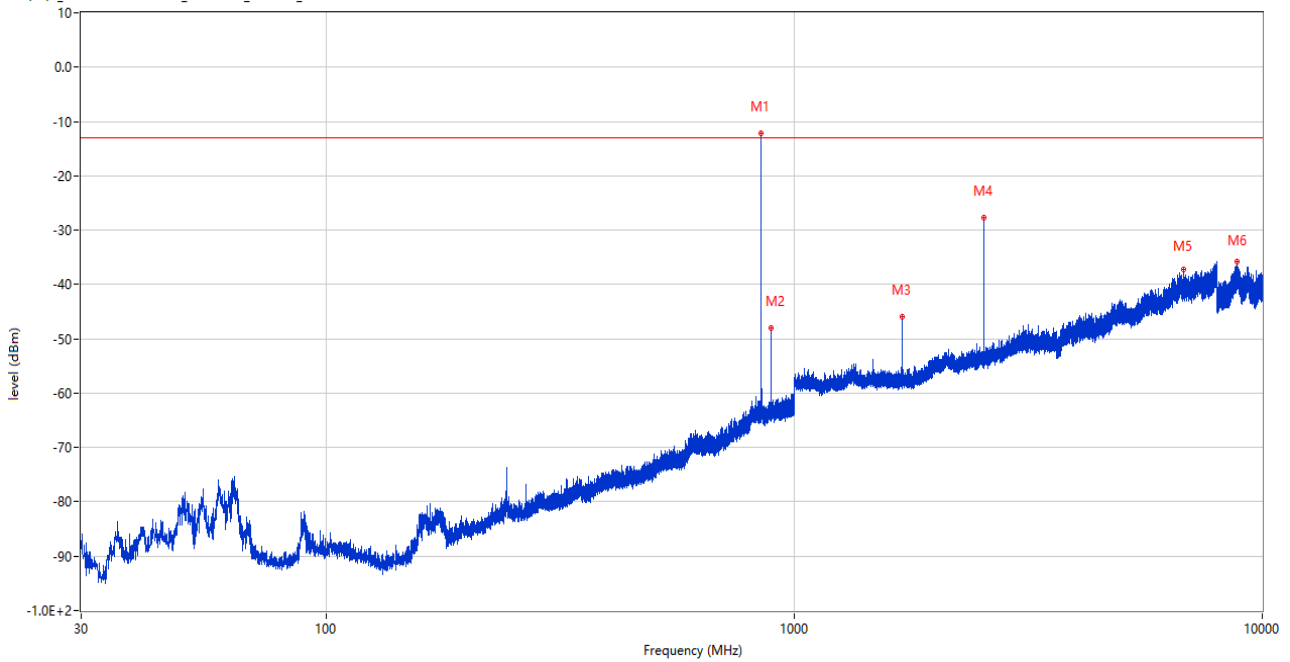
RSE (RF) \_FCC PART22&24&27\_GSM 850\_814-849\_30MHz-10GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
848.874	-12.22	7.31	-13.0	-0.78	360.00	Vertical	Vertical	N/A
893.785	-46.99	6.89	-13.0	33.99	179.00	Vertical	Vertical	N/A
1698.500	-45.86	-3.60	-13.0	32.86	314.00	Vertical	Vertical	Pass
2547.300	-37.58	1.52	-13.0	24.58	345.00	Vertical	Vertical	Pass
3879.250	-45.80	9.39	-13.0	32.80	360.00	Vertical	Vertical	Pass
7987.250	-36.08	18.31	-13.0	23.08	307.00	Vertical	Vertical	Pass

BAND:GSM850,Channel:HIGH range

RSE (RF)\_FCC PART22&24&27\_GSM 850\_814-849\_30MHz-10GHz

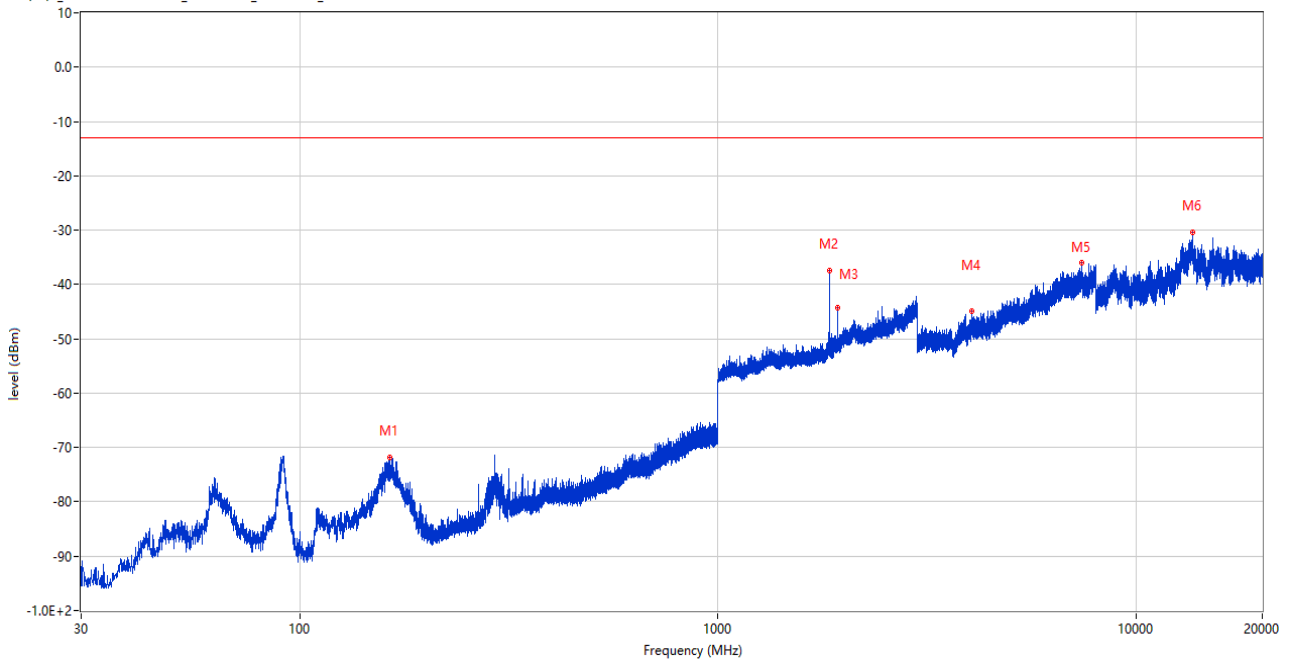


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
848.874	-12.20	7.31	-13.0	-0.80	152.00	Vertical	Horizontal	N/A
893.785	-47.97	6.89	-13.0	34.97	185.00	Vertical	Horizontal	N/A
1698.400	-46.02	-3.59	-13.0	33.02	18.00	Vertical	Horizontal	Pass
2547.200	-27.78	1.52	-13.0	14.78	216.00	Vertical	Horizontal	Pass
6790.500	-37.30	16.45	-13.0	24.30	360.00	Vertical	Horizontal	Pass
8848.900	-35.71	20.34	-13.0	22.71	343.00	Vertical	Horizontal	Pass

## 1.2 GSM 1900

BAND:GSM1900,Channel:LOW range

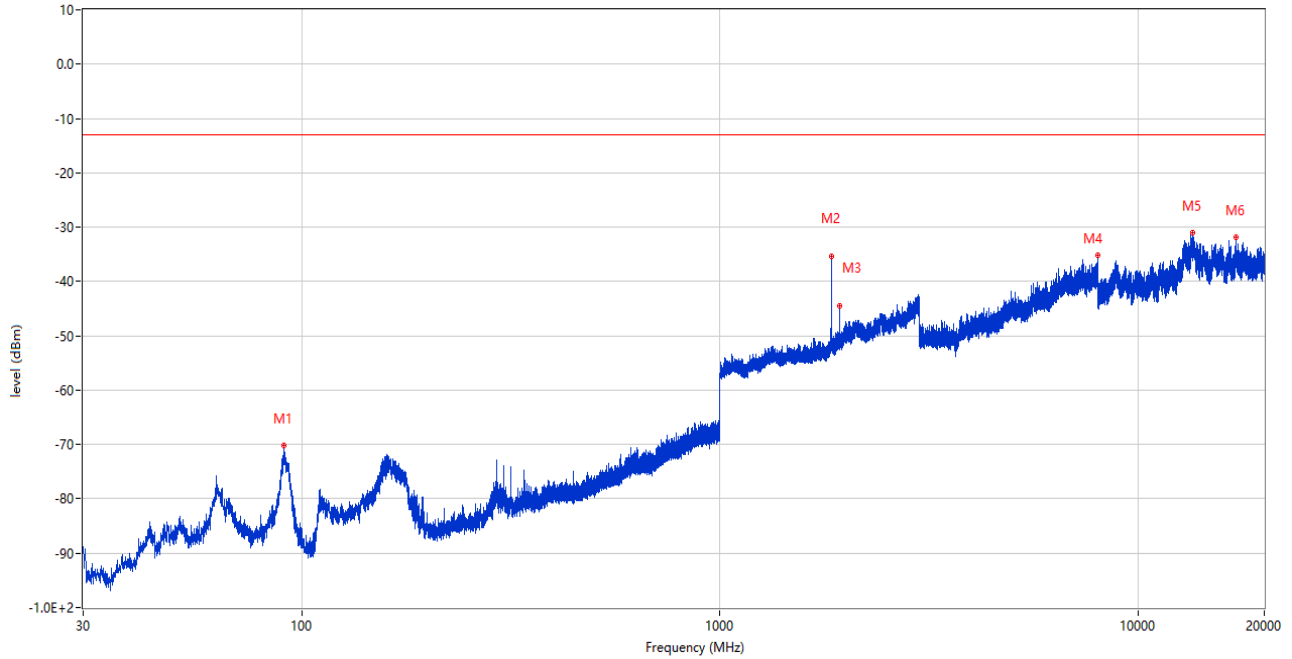
RSE (RF) \_FCC PART22&24&27\_GSM 1900\_1830-1920\_30MHz-20GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
164.102	-71.77	-18.14	-13.0	58.77	355.00	Horizontal	Horizontal	Pass
1850.200	-37.51	2.53	-13.0	24.51	94.00	Horizontal	Horizontal	N/A
1930.200	-44.32	3.25	-13.0	31.32	284.00	Horizontal	Horizontal	N/A
4044.000	-44.98	10.41	-13.0	31.98	360.00	Horizontal	Horizontal	Pass
7412.000	-36.04	18.12	-13.0	23.04	298.00	Horizontal	Horizontal	Pass
13631.600	-30.43	24.84	-13.0	17.43	360.00	Horizontal	Horizontal	Pass

BAND:GSM1900,Channel:LOW range

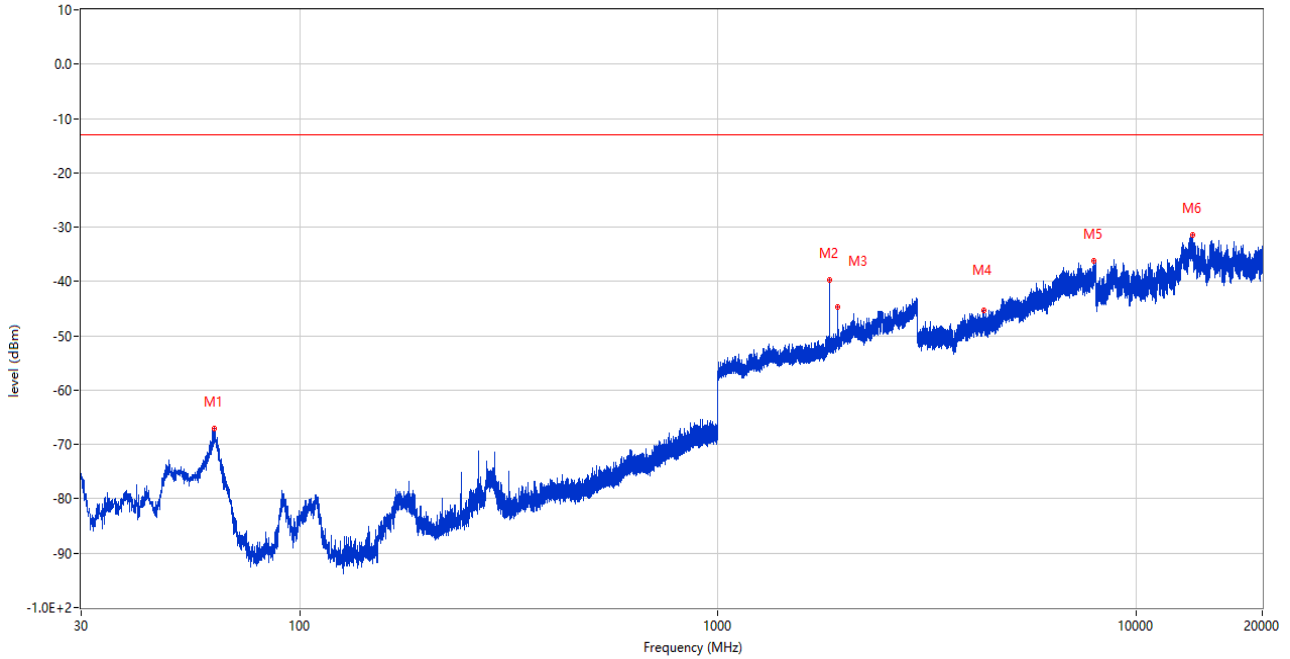
RSE (RF) \_FCC PART22&24&27\_GSM 1900 \_1830-1920\_30MHz-20GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
90.674	-70.23	-18.86	-13.0	57.23	244.00	Horizontal	Vertical	Pass
1850.100	-35.26	2.53	-13.0	22.26	206.00	Horizontal	Vertical	N/A
1930.000	-44.47	3.32	-13.0	31.47	267.00	Horizontal	Vertical	N/A
7993.250	-35.07	18.57	-13.0	22.07	63.00	Horizontal	Vertical	Pass
13487.688	-31.10	24.08	-13.0	18.10	136.00	Horizontal	Vertical	Pass
17134.074	-31.88	23.57	-13.0	18.88	1.00	Horizontal	Vertical	Pass

BAND:GSM1900,Channel:LOW range

RSE (RF) \_FCC PART22&24&27\_GSM 1900\_1830-1920\_30MHz-20GHz

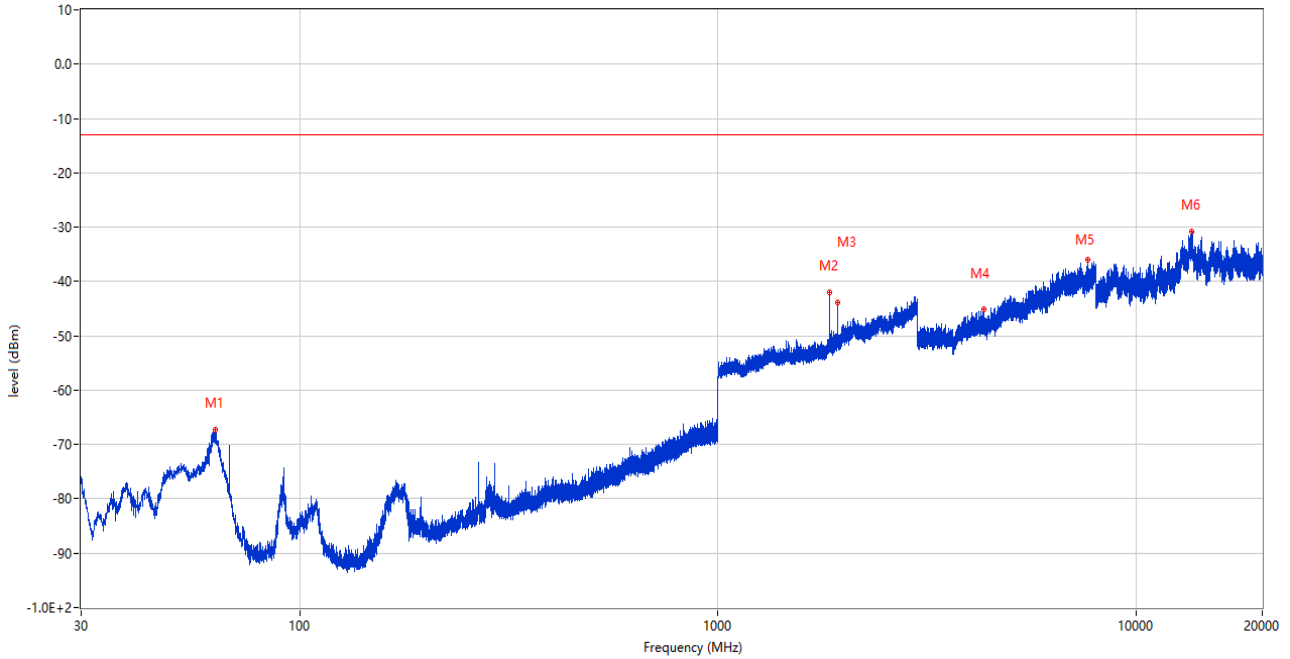


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
62.544	-67.16	-16.33	-13.0	54.16	289.00	Vertical	Vertical	Pass
1850.200	-39.75	2.53	-13.0	26.75	95.00	Vertical	Vertical	N/A
1930.200	-44.71	3.25	-13.0	31.71	0.00	Vertical	Vertical	N/A
4308.500	-45.35	10.52	-13.0	32.35	235.00	Vertical	Vertical	Pass
7934.000	-36.15	18.84	-13.0	23.15	299.00	Vertical	Vertical	Pass
13602.237	-31.52	24.87	-13.0	18.52	360.00	Vertical	Vertical	Pass



BAND:GSM1900,Channel:LOW range

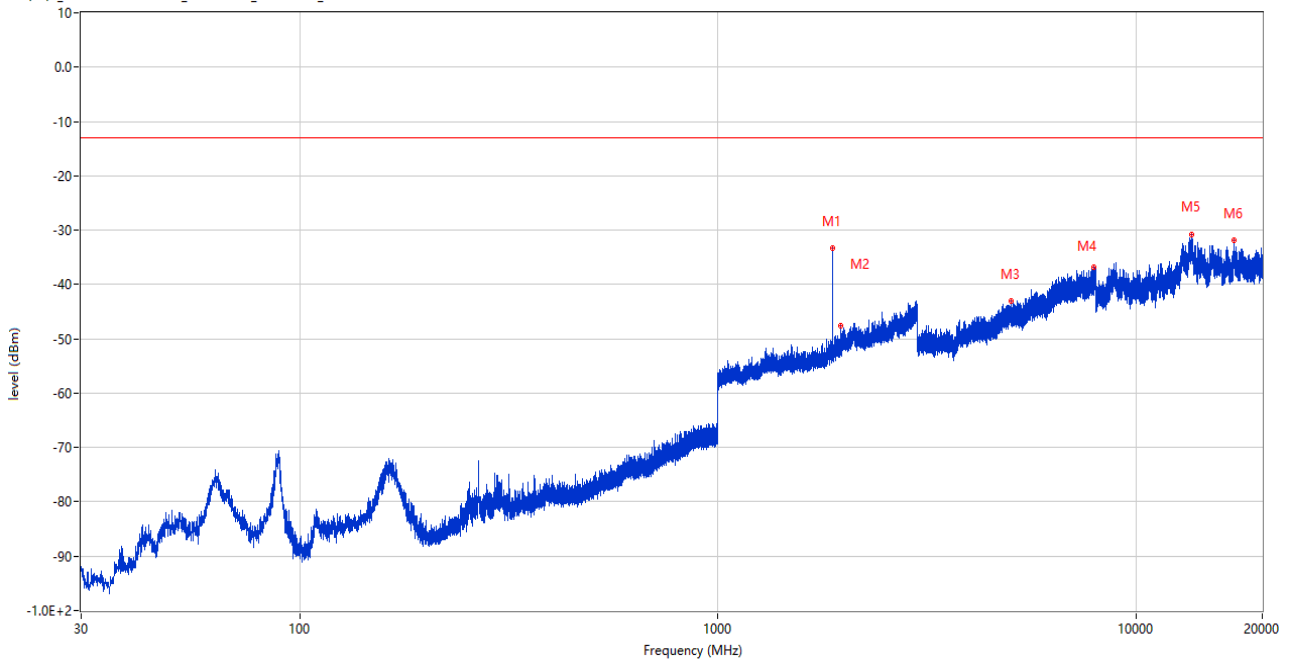
RSE (RF)\_FCC PART22&24&27\_GSM 1900\_1830-1920\_30MHz-20GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
62.786	-67.27	-16.51	-13.0	54.27	186.00	Vertical	Horizontal	Pass
1850.200	-42.10	2.53	-13.0	29.10	181.00	Vertical	Horizontal	N/A
1930.400	-43.93	3.19	-13.0	30.93	0.00	Vertical	Horizontal	N/A
4310.250	-45.12	10.40	-13.0	32.12	267.00	Vertical	Horizontal	Pass
7640.500	-36.03	17.27	-13.0	23.03	21.00	Vertical	Horizontal	Pass
13572.875	-30.91	25.06	-13.0	17.91	137.00	Vertical	Horizontal	Pass

BAND:GSM1900,Channel:MID range

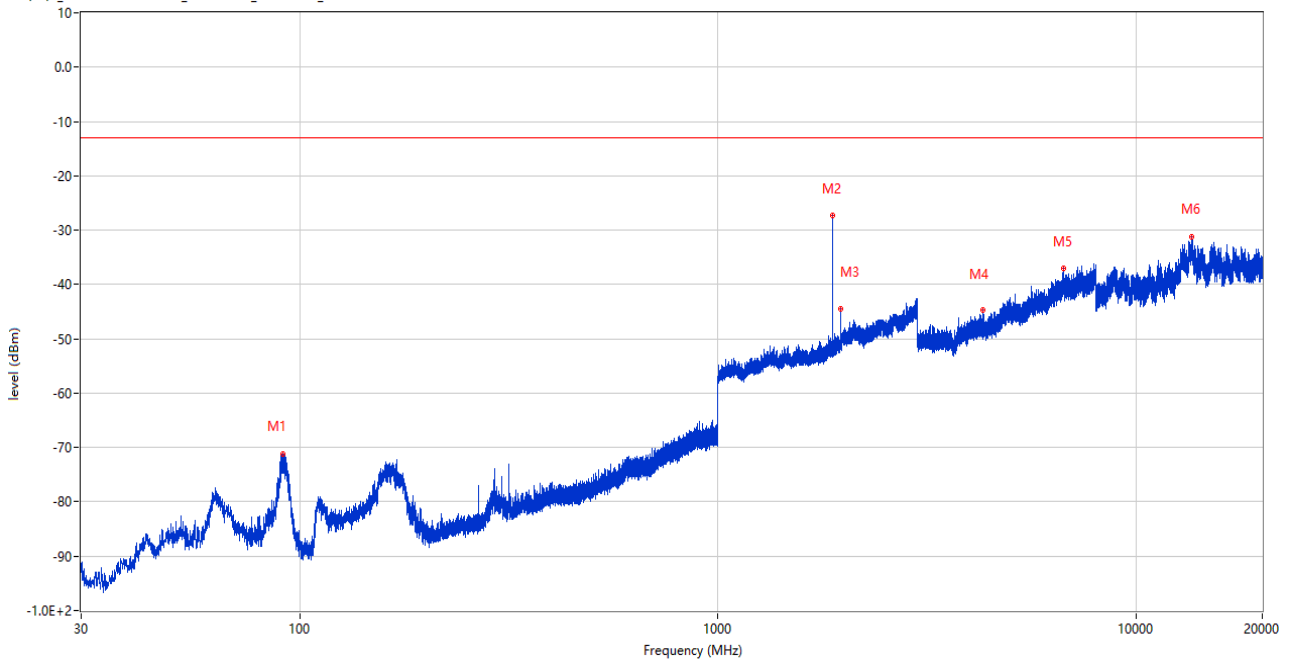
RSE (RF) \_FCC PART22&24&27\_GSM 1900\_1830-1920\_30MHz-20GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
1880.800	-33.32	2.77	-13.0	20.32	21.00	Horizontal	Horizontal	N/A
1960.800	-47.67	3.39	-13.0	34.67	45.00	Horizontal	Horizontal	N/A
5007.250	-43.05	12.57	-13.0	30.05	71.00	Horizontal	Horizontal	Pass
7914.250	-36.73	18.14	-13.0	23.73	38.00	Horizontal	Horizontal	Pass
13584.838	-30.72	24.98	-13.0	17.72	252.00	Horizontal	Horizontal	Pass
17131.176	-31.78	23.58	-13.0	18.78	113.00	Horizontal	Horizontal	Pass

BAND:GSM1900,Channel:MID range

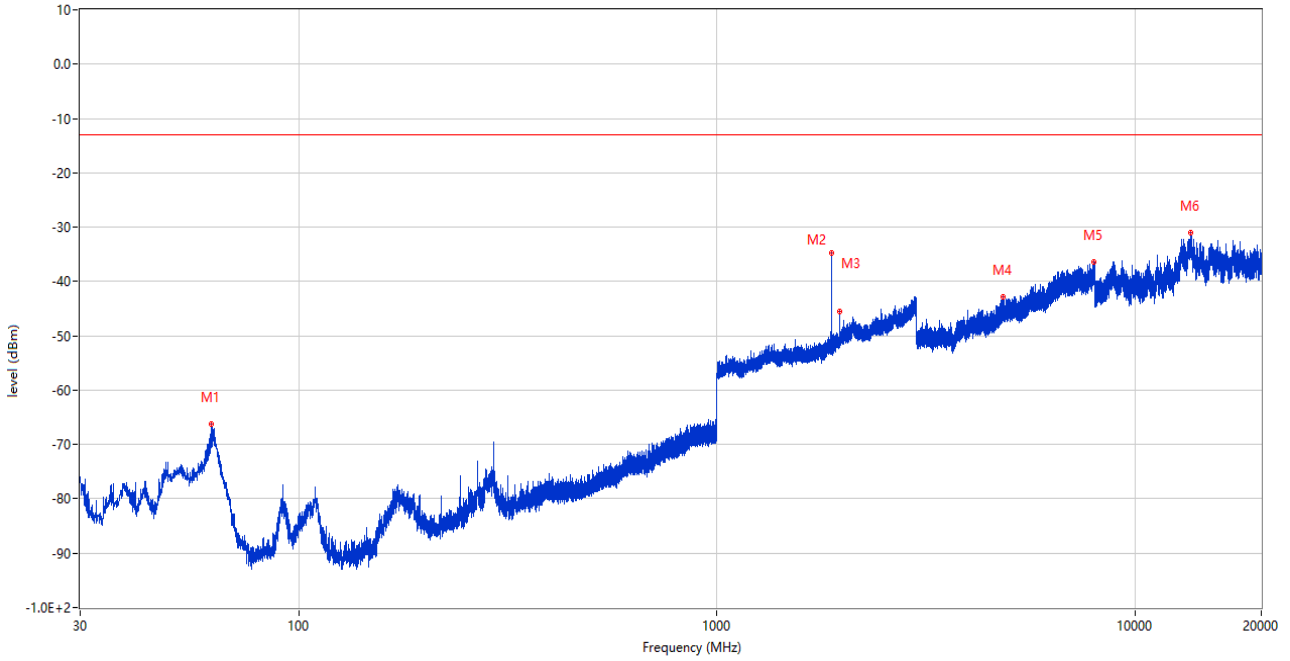
RSE (RF) \_FCC PART22&24&27\_GSM 1900\_1830-1920\_30MHz-20GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
90.916	-71.27	-18.84	-13.0	58.27	266.00	Horizontal	Vertical	Pass
1879.900	-27.26	2.76	-13.0	14.26	193.00	Horizontal	Vertical	N/A
1959.700	-44.48	3.38	-13.0	31.48	278.00	Horizontal	Vertical	N/A
4307.250	-44.61	10.66	-13.0	31.61	298.00	Horizontal	Vertical	Pass
6683.750	-36.99	16.98	-13.0	23.99	276.00	Horizontal	Vertical	Pass
13585.563	-31.31	24.97	-13.0	18.31	177.00	Horizontal	Vertical	Pass

BAND:GSM1900,Channel:MID range

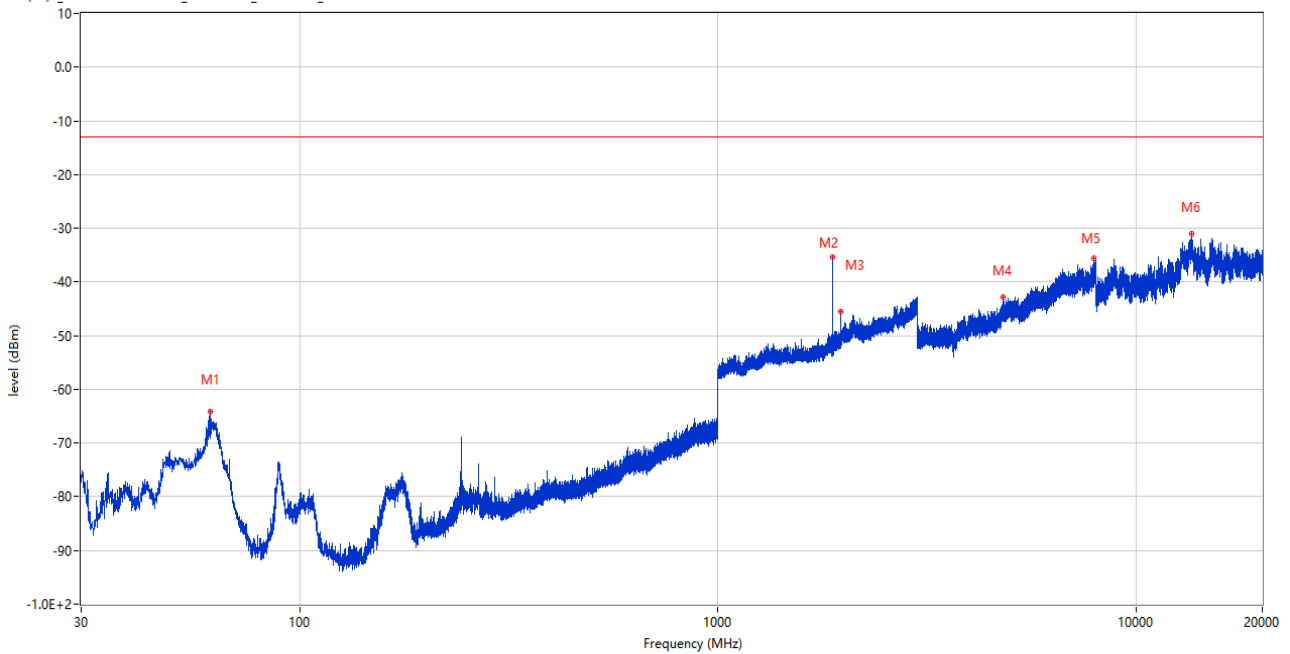
RSE (RF) \_FCC PART22&24&27\_GSM 1900 \_1830-1920\_30MHz-20GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
61.622	-66.20	-16.20	-13.0	53.20	188.00	Vertical	Vertical	Pass
1879.800	-34.83	2.76	-13.0	21.83	27.00	Vertical	Vertical	N/A
1959.800	-45.46	3.39	-13.0	32.46	3.00	Vertical	Vertical	N/A
4814.000	-42.82	12.92	-13.0	29.82	223.00	Vertical	Vertical	Pass
7940.000	-36.38	18.97	-13.0	23.38	201.00	Vertical	Vertical	Pass
13538.076	-31.11	24.91	-13.0	18.11	47.00	Vertical	Vertical	Pass

BAND:GSM1900,Channel:MID range

RSE (RF) \_FCC PART22&24&27\_GSM 1900\_1830-1920\_30MHz-20GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
61.137	-64.11	-16.52	-13.0	51.11	222.00	Vertical	Horizontal	Pass
1880.800	-35.40	2.77	-13.0	22.40	57.00	Vertical	Horizontal	N/A
1960.800	-45.54	3.39	-13.0	32.54	8.00	Vertical	Horizontal	N/A
4788.750	-42.80	12.97	-13.0	29.80	227.00	Vertical	Horizontal	Pass
7918.750	-35.48	18.18	-13.0	22.48	303.00	Vertical	Horizontal	Pass
13563.813	-31.10	25.12	-13.0	18.10	72.00	Vertical	Horizontal	Pass

BAND:GSM1900,Channel:HIGH range

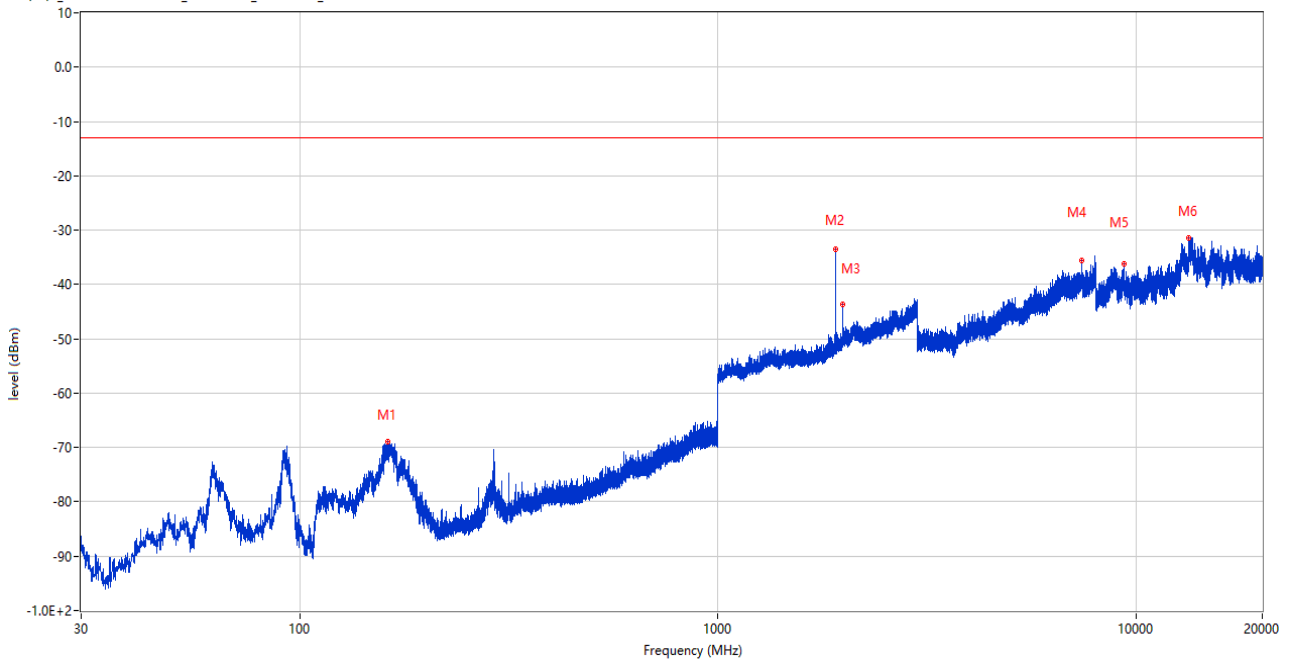
RSE (RF) \_FCC PART22&24&27\_GSM 1900\_1830-1920\_30MHz-20GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
160.756	-68.32	-18.20	-13.0	55.32	339.00	Horizontal	Horizontal	Pass
1909.700	-35.54	3.09	-13.0	22.54	101.00	Horizontal	Horizontal	N/A
1989.600	-42.72	4.59	-13.0	29.72	297.00	Horizontal	Horizontal	N/A
4121.500	-45.58	9.63	-13.0	32.58	139.00	Horizontal	Horizontal	Pass
7865.000	-35.94	17.93	-13.0	22.94	321.00	Horizontal	Horizontal	Pass
13551.126	-31.03	25.21	-13.0	18.03	276.00	Horizontal	Horizontal	Pass

BAND:GSM1900,Channel:HIGH range

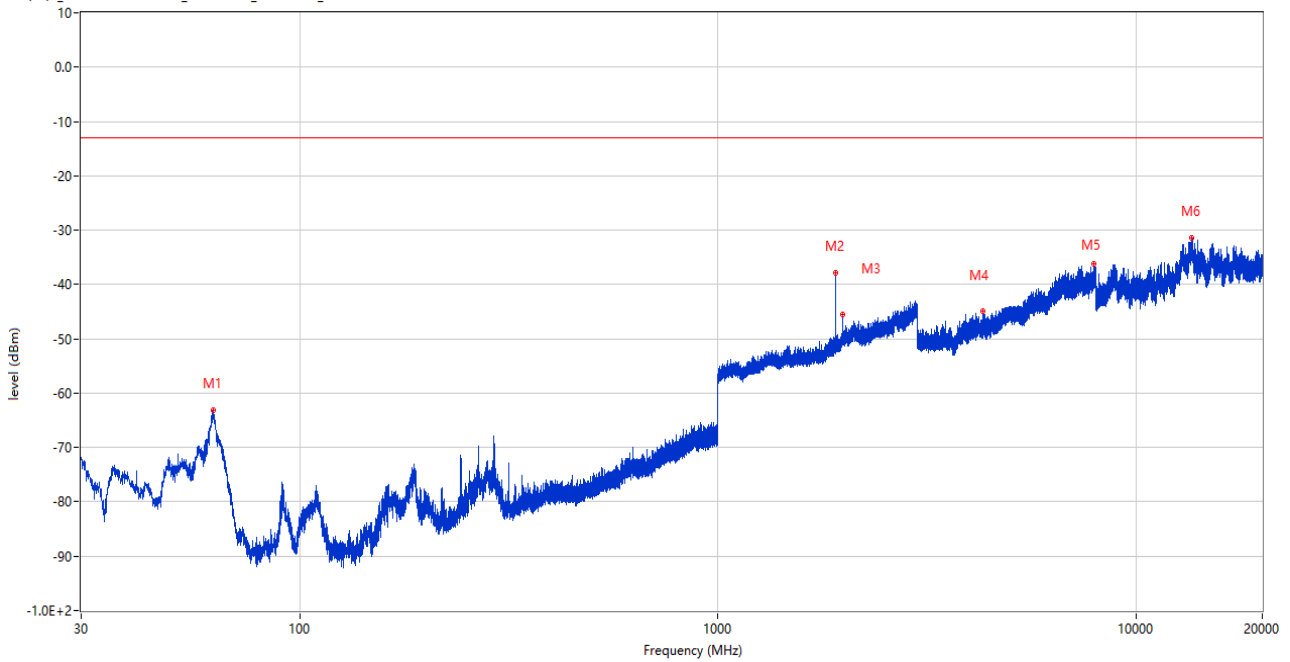
RSE (RF)\_FCC PART22&24&27\_GSM 1900\_1830-1920\_30MHz-20GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
162.405	-69.03	-18.15	-13.0	56.03	355.00	Horizontal	Vertical	Pass
1909.700	-33.45	3.09	-13.0	20.45	198.00	Horizontal	Vertical	N/A
1989.600	-43.68	4.59	-13.0	30.68	271.00	Horizontal	Vertical	N/A
7393.250	-35.63	17.72	-13.0	22.63	320.00	Horizontal	Vertical	Pass
9348.525	-36.24	19.14	-13.0	23.24	343.00	Horizontal	Vertical	Pass
13344.137	-31.52	24.32	-13.0	18.52	40.00	Horizontal	Vertical	Pass

BAND:GSM1900,Channel:HIGH range

RSE (RF) \_FCC PART22&24&27\_GSM 1900 \_1830-1920\_30MHz-20GHz

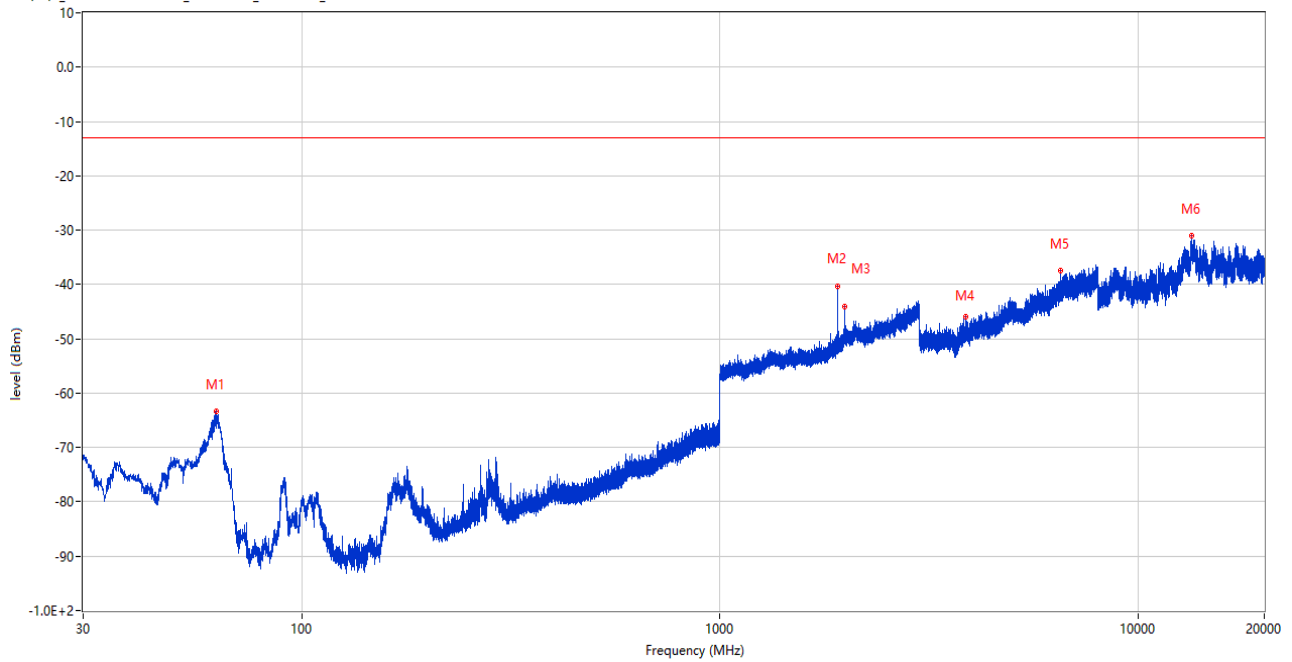


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
62.010	-63.08	-15.95	-13.0	50.08	178.00	Vertical	Vertical	Pass
1909.700	-37.94	3.09	-13.0	24.94	120.00	Vertical	Vertical	N/A
1989.400	-45.52	4.57	-13.0	32.52	150.00	Vertical	Vertical	N/A
4305.250	-44.81	10.77	-13.0	31.81	127.00	Vertical	Vertical	Pass
7920.000	-36.14	18.21	-13.0	23.14	160.00	Vertical	Vertical	Pass
13551.849	-31.49	25.21	-13.0	18.49	137.00	Vertical	Vertical	Pass



BAND:GSM1900,Channel:HIGH range

RSE (RF) \_FCC PART22&24&27\_GSM 1900\_1830-1920\_30MHz-20GHz



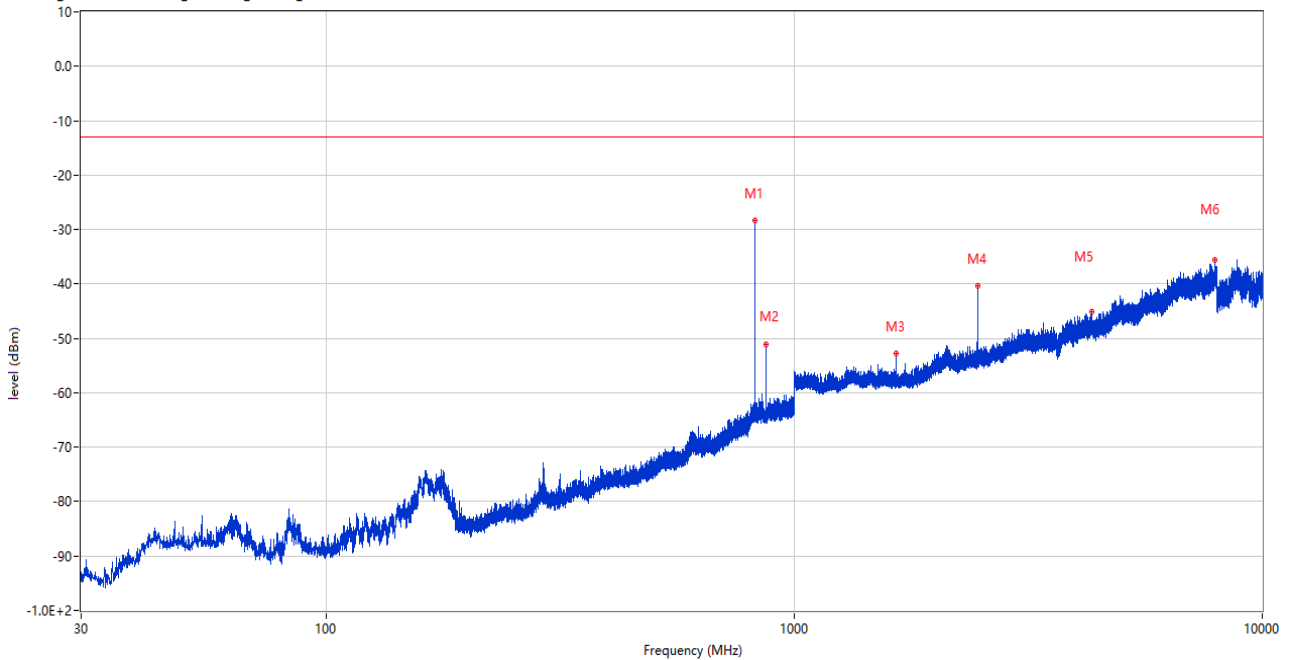
Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
62.349	-63.42	-16.18	-13.0	50.42	181.00	Vertical	Horizontal	Pass
1909.700	-40.24	3.09	-13.0	27.24	175.00	Vertical	Horizontal	N/A
1989.800	-43.98	4.60	-13.0	30.98	39.00	Vertical	Horizontal	N/A
3858.750	-46.03	9.68	-13.0	33.03	7.00	Vertical	Horizontal	Pass
6532.250	-37.54	15.78	-13.0	24.54	234.00	Vertical	Horizontal	Pass
13397.425	-31.08	24.83	-13.0	18.08	87.00	Vertical	Horizontal	Pass

## 2. EGPRS

### 2.1 EGPRS 850

BAND:EGPRS850,Channel:LOW range

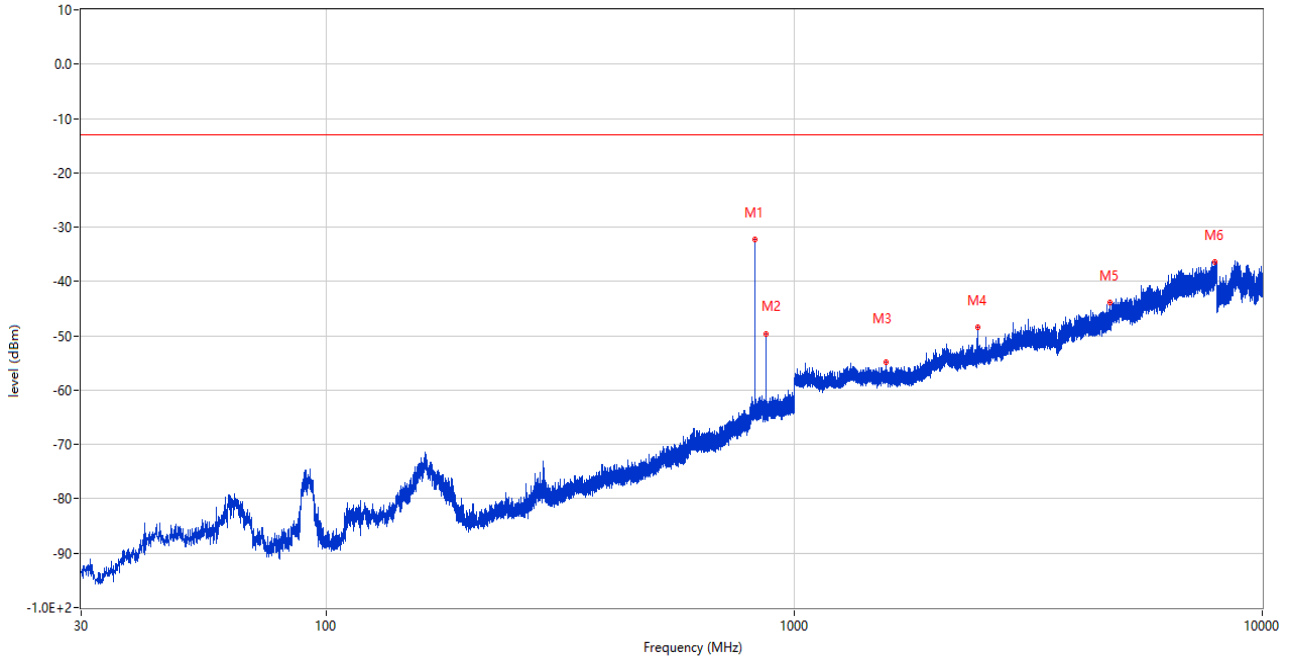
RSE (RF) \_FCC PART22&24&27\_GSM 850\_814-849\_30MHz-10GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
824.188	-28.37	6.91	-13.0	15.37	105.00	Horizontal	Horizontal	N/A
869.196	-51.21	6.35	-13.0	38.21	346.00	Horizontal	Horizontal	N/A
1648.300	-52.71	-3.68	-13.0	39.71	191.00	Horizontal	Horizontal	Pass
2472.600	-40.26	0.87	-13.0	27.26	289.00	Horizontal	Horizontal	Pass
4323.500	-45.12	10.12	-13.0	32.12	109.00	Horizontal	Horizontal	Pass
7930.000	-35.58	18.66	-13.0	22.58	360.00	Horizontal	Horizontal	Pass

BAND:EGPRS850,Channel:LOW range

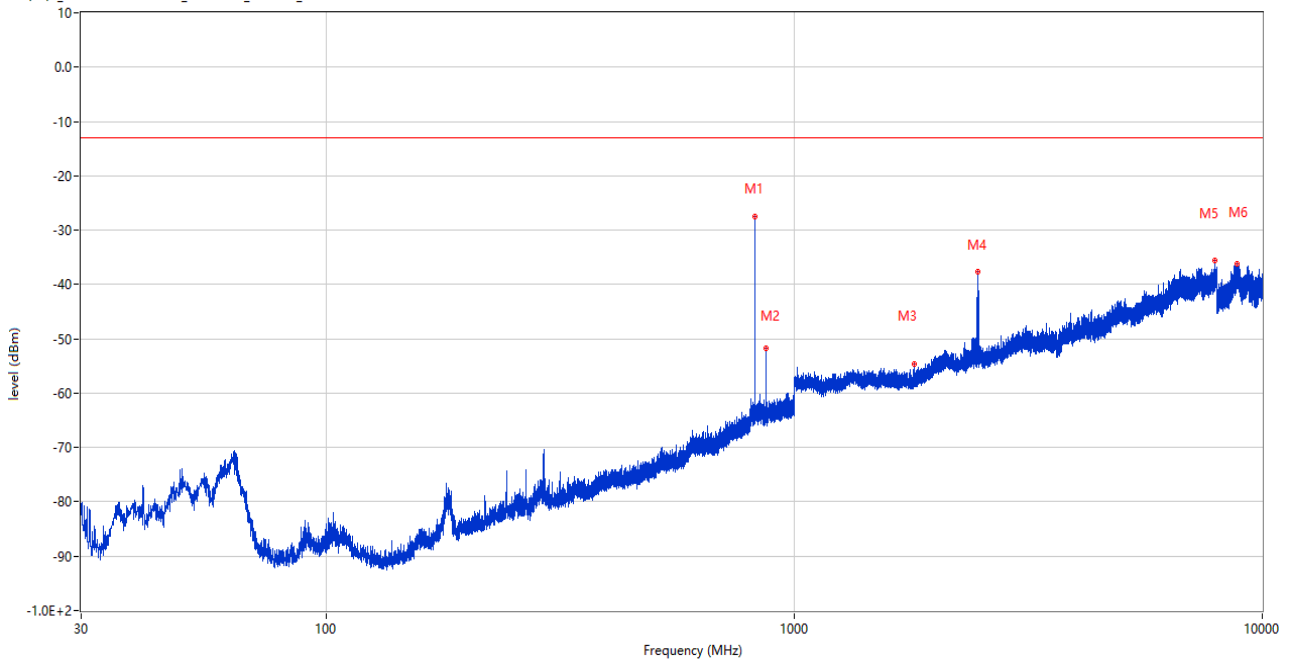
RSE (RF) \_FCC PART22&24&27\_GSM 850\_814-849\_30MHz-10GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
824.139	-32.25	6.90	-13.0	19.25	17.00	Horizontal	Vertical	N/A
869.244	-49.63	6.36	-13.0	36.63	233.00	Horizontal	Vertical	N/A
1569.200	-54.80	-3.37	-13.0	41.80	222.00	Horizontal	Vertical	Pass
2472.500	-48.41	0.87	-13.0	35.41	13.00	Horizontal	Vertical	Pass
4727.500	-43.84	10.89	-13.0	30.84	240.00	Horizontal	Vertical	Pass
7927.500	-36.36	18.48	-13.0	23.36	274.00	Horizontal	Vertical	Pass

BAND:EGPRS850,Channel:LOW range

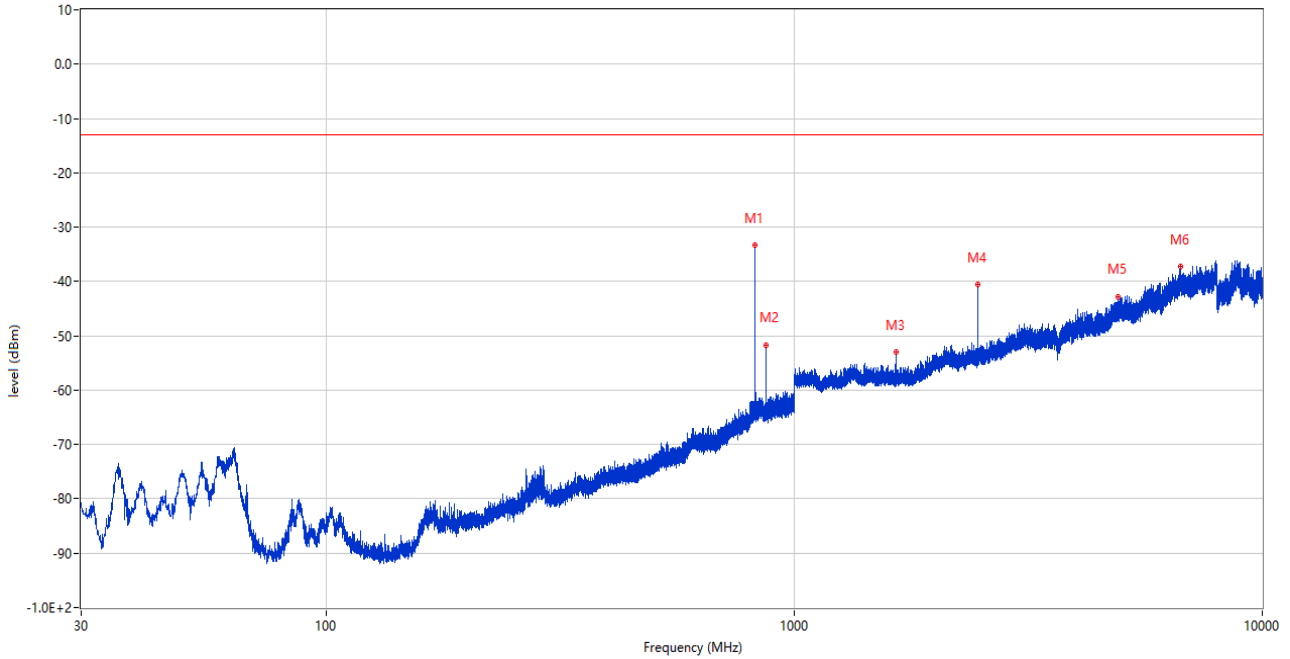
RSE (RF) \_FCC PART22&24&27\_GSM 850\_814-849\_30MHz-10GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
824.139	-27.41	6.90	-13.0	14.41	9.00	Vertical	Vertical	N/A
869.244	-51.73	6.36	-13.0	38.73	250.00	Vertical	Vertical	N/A
1803.800	-54.65	-3.56	-13.0	41.65	105.00	Vertical	Vertical	Pass
2473.800	-37.70	0.98	-13.0	24.70	215.00	Vertical	Vertical	Pass
7915.000	-35.48	18.19	-13.0	22.48	0.00	Vertical	Vertical	Pass
8837.401	-36.29	20.15	-13.0	23.29	166.00	Vertical	Vertical	Pass

BAND:EGPRS850,Channel:LOW range

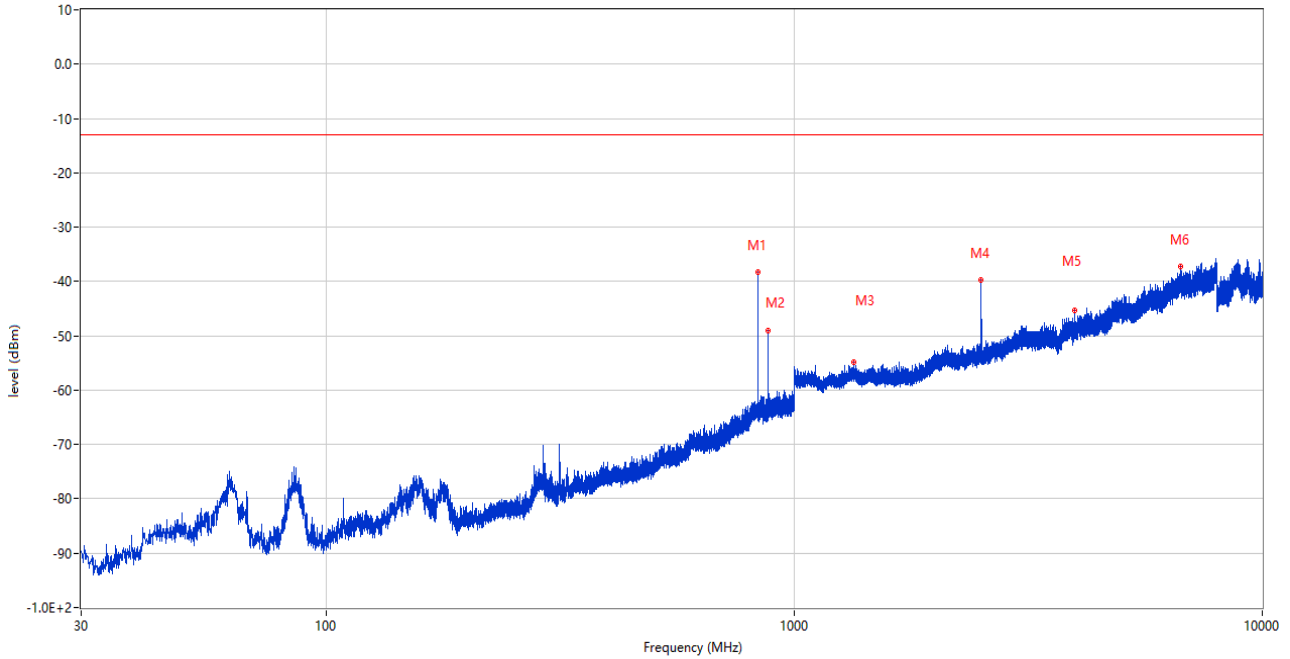
RSE (RF)\_FCC PART22&24&27\_GSM 850\_814-849\_30MHz-10GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
824.236	-33.36	6.91	-13.0	20.36	165.00	Vertical	Horizontal	N/A
869.196	-51.83	6.35	-13.0	38.83	360.00	Vertical	Horizontal	N/A
1648.300	-53.00	-3.68	-13.0	40.00	172.00	Vertical	Horizontal	Pass
2472.400	-40.62	0.88	-13.0	27.62	122.00	Vertical	Horizontal	Pass
4909.250	-42.91	12.82	-13.0	29.91	257.00	Vertical	Horizontal	Pass
6677.750	-37.31	16.80	-13.0	24.31	191.00	Vertical	Horizontal	Pass

BAND:EGPRS850,Channel:MID range

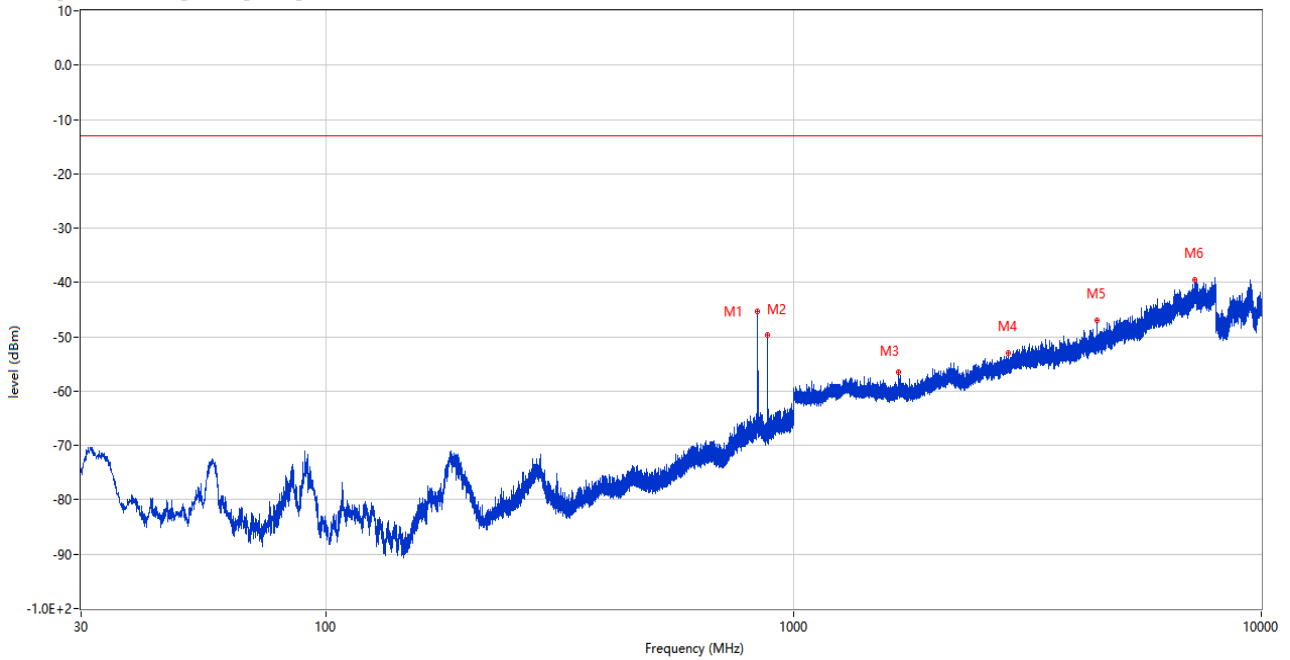
RSE (RF)\_FCC PART22&24&27\_GSM 850\_814-849\_30MHz-10GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
836.555	-38.23	7.13	-13.0	25.23	95.00	Horizontal	Horizontal	N/A
881.612	-48.94	6.75	-13.0	35.94	253.00	Horizontal	Horizontal	N/A
1344.000	-54.89	-2.69	-13.0	41.89	197.00	Horizontal	Horizontal	Pass
2510.700	-39.75	1.48	-13.0	26.75	315.00	Horizontal	Horizontal	Pass
3967.500	-45.39	9.72	-13.0	32.39	321.00	Horizontal	Horizontal	Pass
6701.250	-37.28	16.81	-13.0	24.28	222.00	Horizontal	Horizontal	Pass

BAND:EGPRS850,Channel:MID range

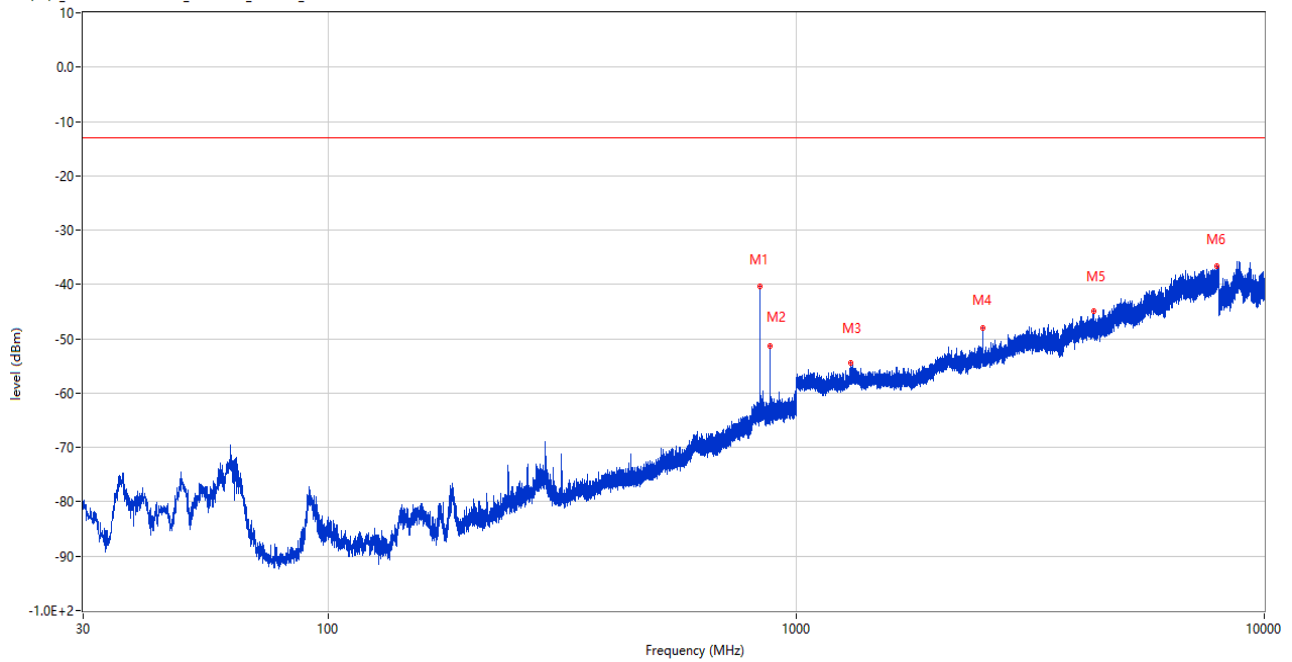
RSE (RF) \_FCC PART22&24&27\_GSM 850\_814-849\_30MHz-10GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
836.652	-45.22	4.59	-13.0	32.22	248.00	Horizontal	Vertical	N/A
881.612	-49.64	3.61	-13.0	36.64	255.00	Horizontal	Vertical	N/A
1673.900	-56.43	-5.42	-13.0	43.43	0.00	Horizontal	Vertical	Pass
2876.100	-52.97	0.73	-13.0	39.97	35.00	Horizontal	Vertical	Pass
4447.250	-46.90	7.19	-13.0	33.90	290.00	Horizontal	Vertical	Pass
7192.250	-39.44	14.06	-13.0	26.44	192.00	Horizontal	Vertical	Pass

BAND:EGPRS850,Channel:MID range

RSE (RF) \_FCC PART22&24&27\_GSM 850\_814-849\_30MHz-10GHz

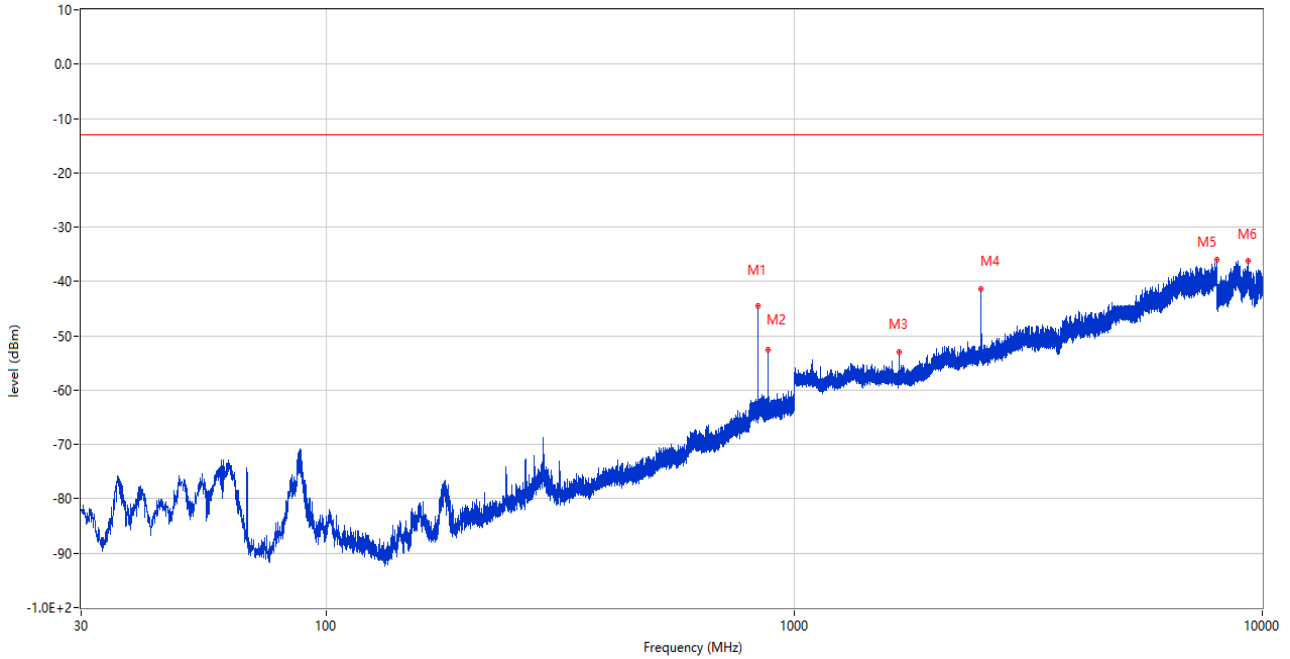


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
836.652	-40.36	7.13	-13.0	27.36	0.00	Vertical	Vertical	N/A
881.660	-51.26	6.75	-13.0	38.26	189.00	Vertical	Vertical	N/A
1309.300	-54.51	-2.93	-13.0	41.51	309.00	Vertical	Vertical	Pass
2510.600	-47.91	1.48	-13.0	34.91	57.00	Vertical	Vertical	Pass
4315.250	-44.90	10.13	-13.0	31.90	355.00	Vertical	Vertical	Pass
7933.250	-36.57	18.75	-13.0	23.57	93.00	Vertical	Vertical	Pass



BAND:EGPRS850,Channel:MID range

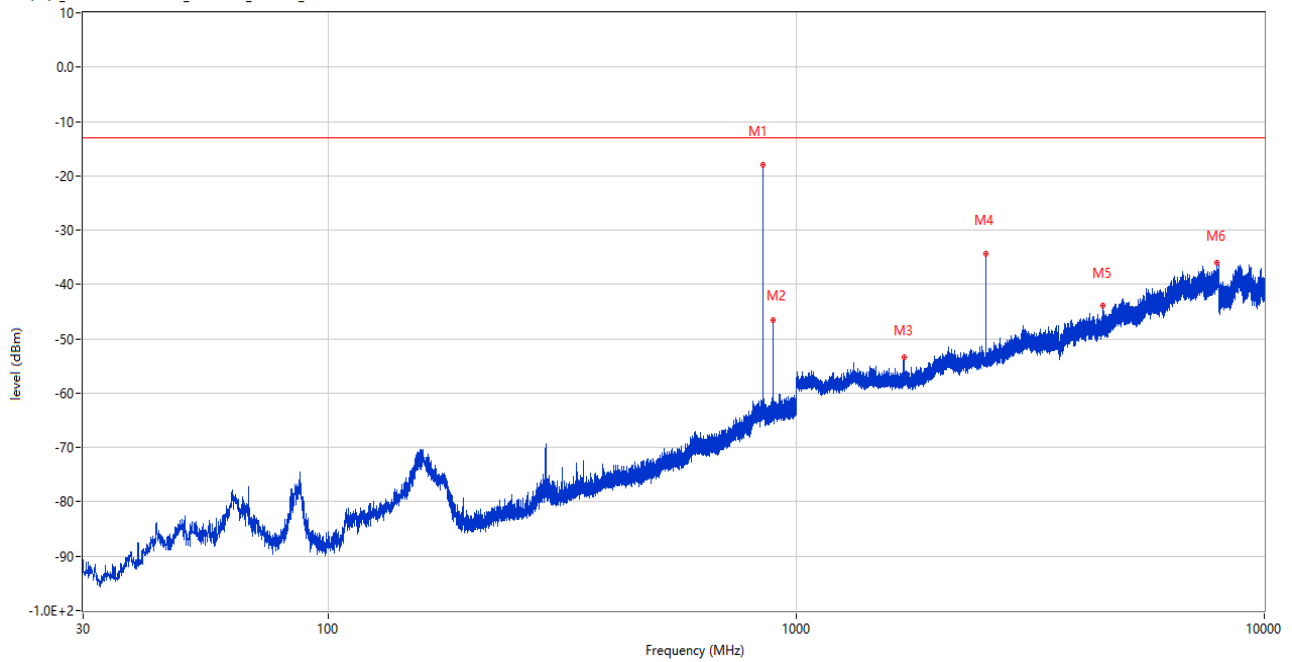
RSE (RF)\_FCC PART22&24&27\_GSM 850\_814-849\_30MHz-10GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
836.652	-44.57	7.13	-13.0	31.57	174.00	Vertical	Horizontal	N/A
881.612	-52.50	6.75	-13.0	39.50	199.00	Vertical	Horizontal	N/A
1674.000	-52.89	-3.60	-13.0	39.89	247.00	Vertical	Horizontal	Pass
2510.900	-41.44	1.47	-13.0	28.44	75.00	Vertical	Horizontal	Pass
8000.000	-36.03	19.04	-13.0	23.03	109.00	Vertical	Horizontal	Pass
9320.901	-36.14	19.52	-13.0	23.14	188.00	Vertical	Horizontal	Pass

BAND:EGPRS850,Channel:HIGH range

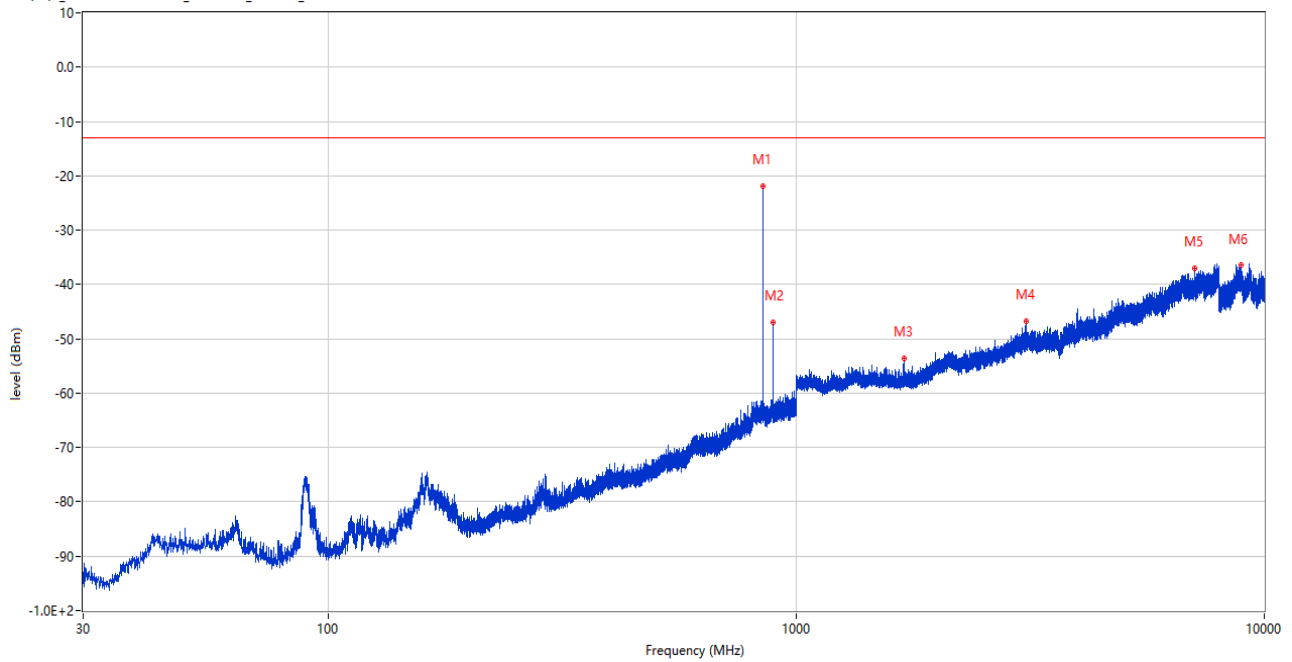
RSE (RF) \_FCC PART22&24&27\_GSM 850\_814-849\_30MHz-10GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
848.874	-17.95	7.31	-13.0	4.95	112.00	Horizontal	Horizontal	N/A
893.833	-46.54	6.89	-13.0	33.54	0.00	Horizontal	Horizontal	N/A
1697.500	-53.48	-3.64	-13.0	40.48	166.00	Horizontal	Horizontal	Pass
2546.400	-34.38	1.51	-13.0	21.38	190.00	Horizontal	Horizontal	Pass
4526.000	-43.85	10.46	-13.0	30.85	125.00	Horizontal	Horizontal	Pass
7914.000	-35.96	18.13	-13.0	22.96	109.00	Horizontal	Horizontal	Pass

BAND:EGPRS850,Channel:HIGH range

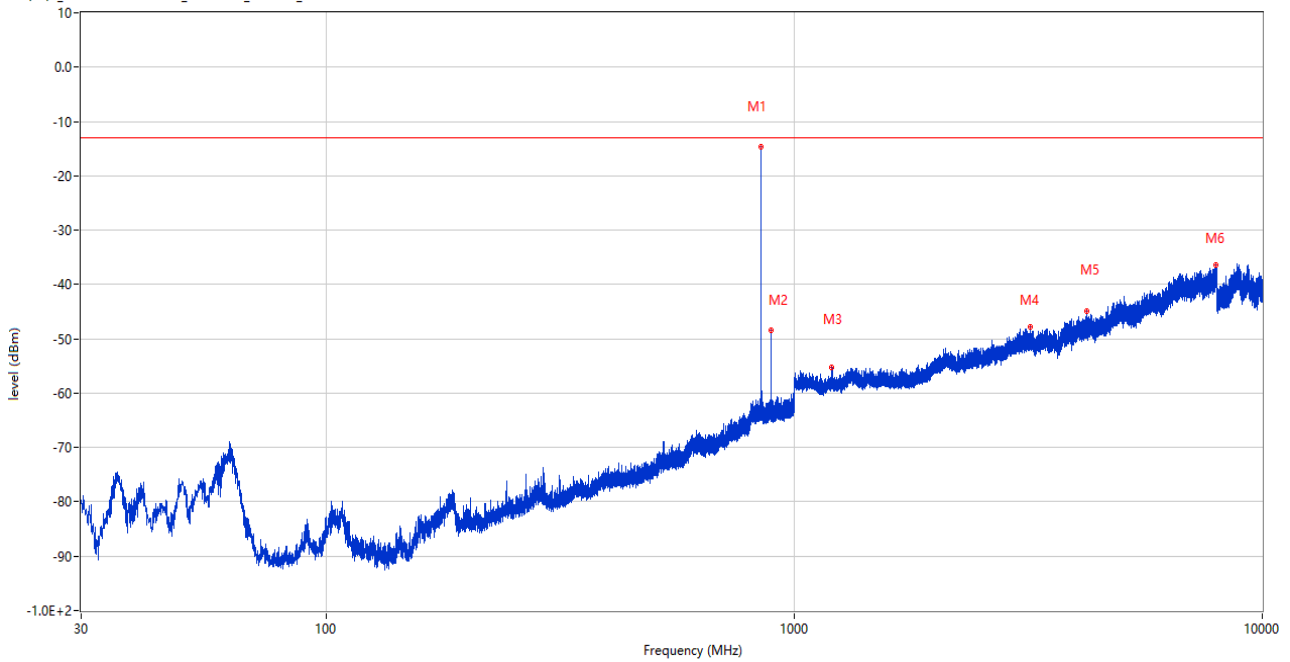
RSE (RF) \_FCC PART22&24&27\_GSM 850\_814-849\_30MHz-10GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
848.825	-21.88	7.31	-13.0	8.88	0.00	Horizontal	Vertical	N/A
893.785	-47.06	6.89	-13.0	34.06	26.00	Horizontal	Vertical	N/A
1697.700	-53.67	-3.63	-13.0	40.67	23.00	Horizontal	Vertical	Pass
3099.750	-46.82	6.33	-13.0	33.82	93.00	Horizontal	Vertical	Pass
7101.750	-36.93	16.75	-13.0	23.93	75.00	Horizontal	Vertical	Pass
8916.200	-36.45	19.65	-13.0	23.45	3.00	Horizontal	Vertical	Pass

BAND:EGPRS850,Channel:HIGH range

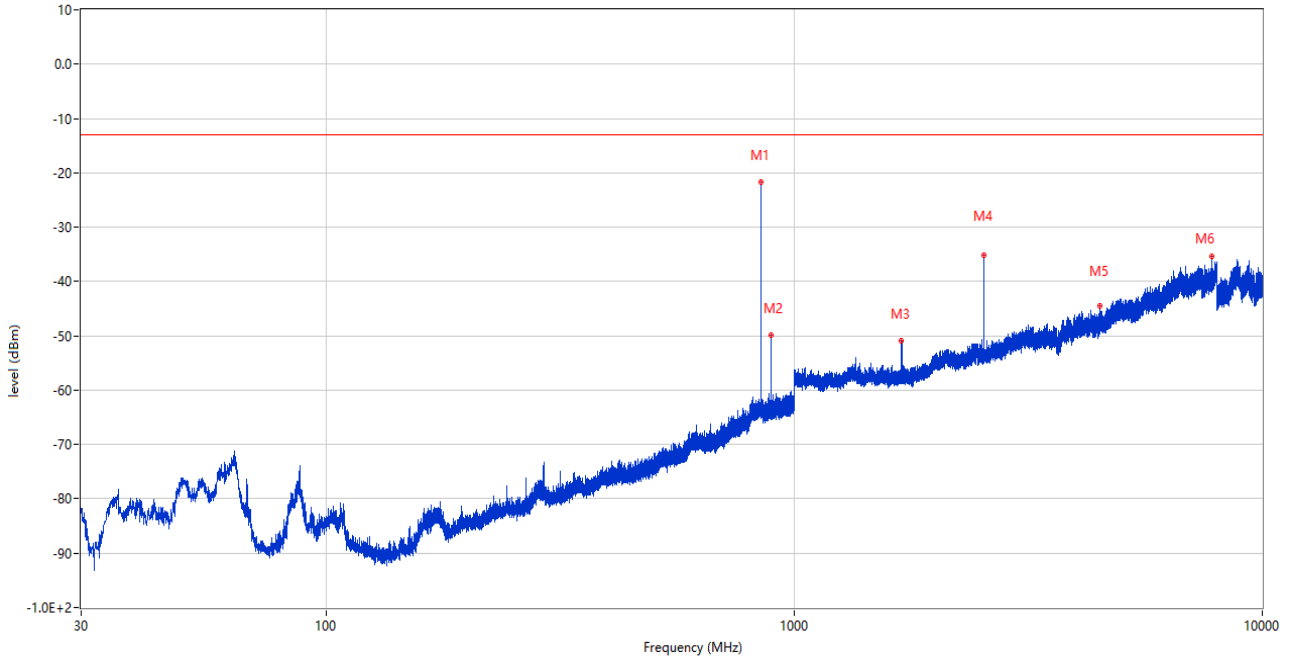
RSE (RF) \_FCC PART22&24&27\_GSM 850\_814-849\_30MHz-10GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
848.825	-14.72	7.31	-13.0	1.72	4.00	Vertical	Vertical	N/A
893.833	-48.38	6.89	-13.0	35.38	174.00	Vertical	Vertical	N/A
1199.900	-55.20	-3.67	-13.0	42.20	146.00	Vertical	Vertical	Pass
3198.250	-47.83	6.33	-13.0	34.83	360.00	Vertical	Vertical	Pass
4215.500	-44.87	10.46	-13.0	31.87	93.00	Vertical	Vertical	Pass
7977.250	-36.38	18.04	-13.0	23.38	109.00	Vertical	Vertical	Pass

BAND:EGPRS850,Channel:HIGH range

RSE (RF) \_FCC PART22&24&27\_GSM 850\_814-849\_30MHz-10GHz

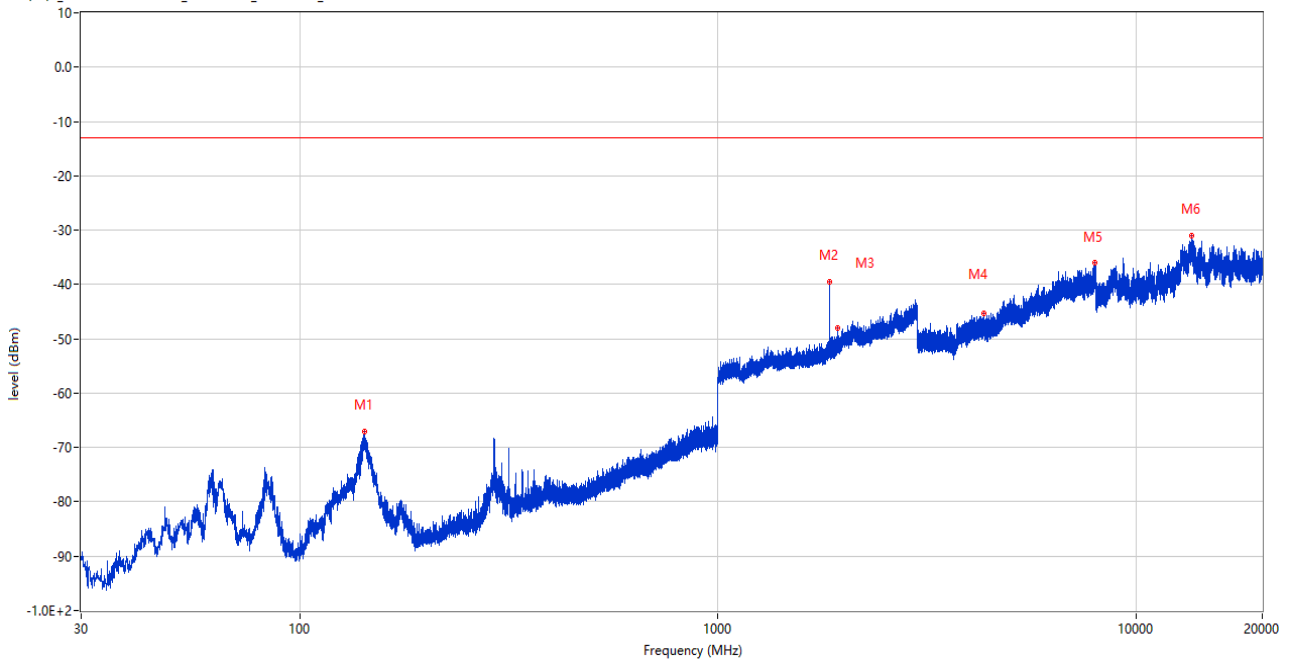


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
848.874	-21.70	7.31	-13.0	8.70	154.00	Vertical	Horizontal	N/A
893.882	-49.94	6.88	-13.0	36.94	162.00	Vertical	Horizontal	N/A
1697.300	-50.91	-3.64	-13.0	37.91	55.00	Vertical	Horizontal	Pass
2546.200	-35.26	1.50	-13.0	22.26	154.00	Vertical	Horizontal	Pass
4509.500	-44.49	11.70	-13.0	31.49	357.00	Vertical	Horizontal	Pass
7800.000	-35.33	18.18	-13.0	22.33	360.00	Vertical	Horizontal	Pass

## 2.2 EGPRS 1900

BAND:EGPRS1900,Channel:LOW range

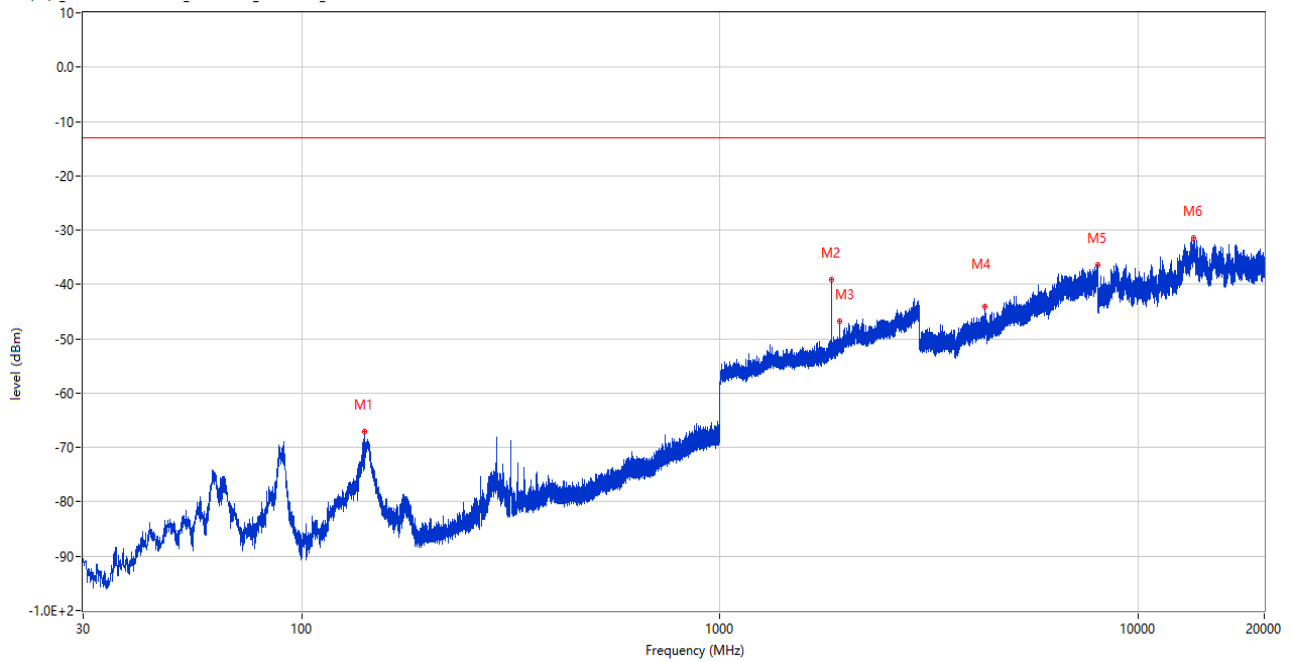
RSE (RF) \_FCC PART22&24&27\_GSM 1900\_1830-1920\_30MHz-20GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
142.472	-67.12	-20.85	-13.0	54.12	146.00	Horizontal	Horizontal	Pass
1850.300	-39.52	2.53	-13.0	26.52	200.00	Horizontal	Horizontal	N/A
1929.700	-47.98	3.41	-13.0	34.98	272.00	Horizontal	Horizontal	N/A
4310.500	-45.29	10.37	-13.0	32.29	10.00	Horizontal	Horizontal	Pass
7942.250	-35.92	18.92	-13.0	22.92	169.00	Horizontal	Horizontal	Pass
13550.037	-30.97	25.22	-13.0	17.97	360.00	Horizontal	Horizontal	Pass

BAND:EGPRS1900,Channel:LOW range

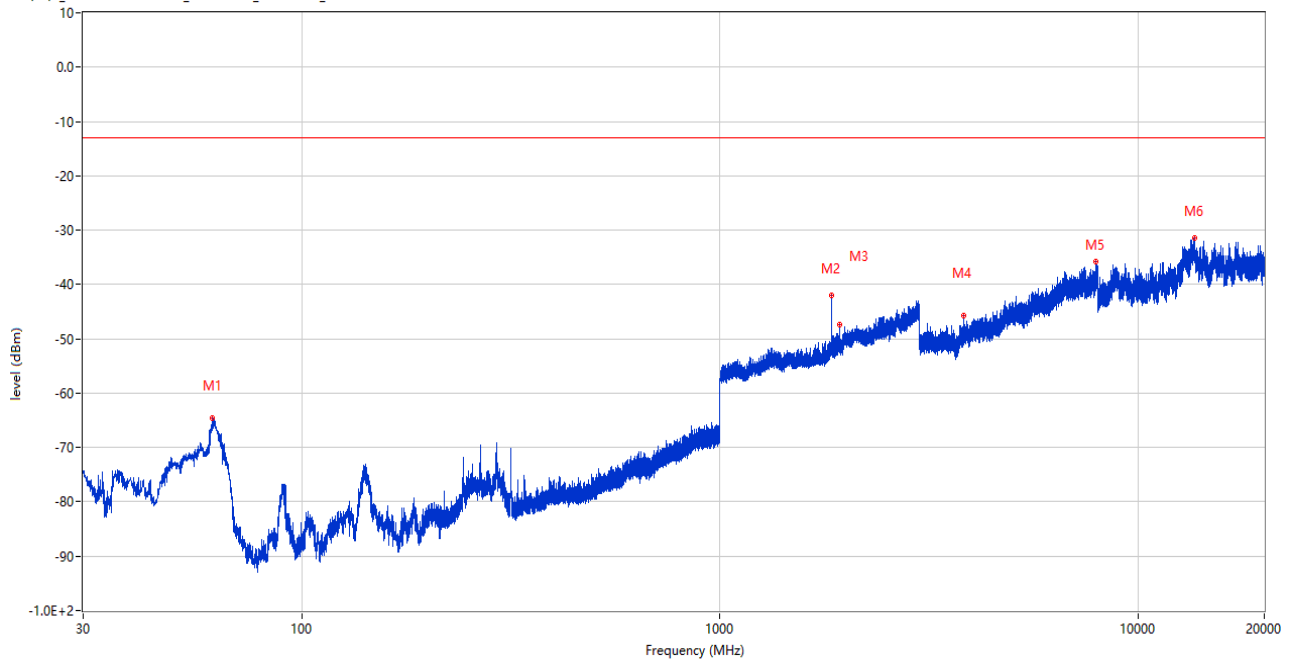
RSE (RF) \_FCC PART22&24&27\_GSM 1900\_1830-1920\_30MHz-20GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
141.259	-67.15	-20.97	-13.0	54.15	162.00	Horizontal	Vertical	Pass
1850.100	-39.10	2.53	-13.0	26.10	219.00	Horizontal	Vertical	N/A
1930.200	-46.73	3.25	-13.0	33.73	119.00	Horizontal	Vertical	N/A
4303.500	-44.10	10.80	-13.0	31.10	1.00	Horizontal	Vertical	Pass
7996.500	-36.42	18.80	-13.0	23.42	126.00	Horizontal	Vertical	Pass
13545.687	-31.37	25.11	-13.0	18.37	51.00	Horizontal	Vertical	Pass

BAND:EGPRS1900,Channel:LOW range

RSE (RF) \_FCC PART22&24&27\_GSM 1900\_1830-1920\_30MHz-20GHz

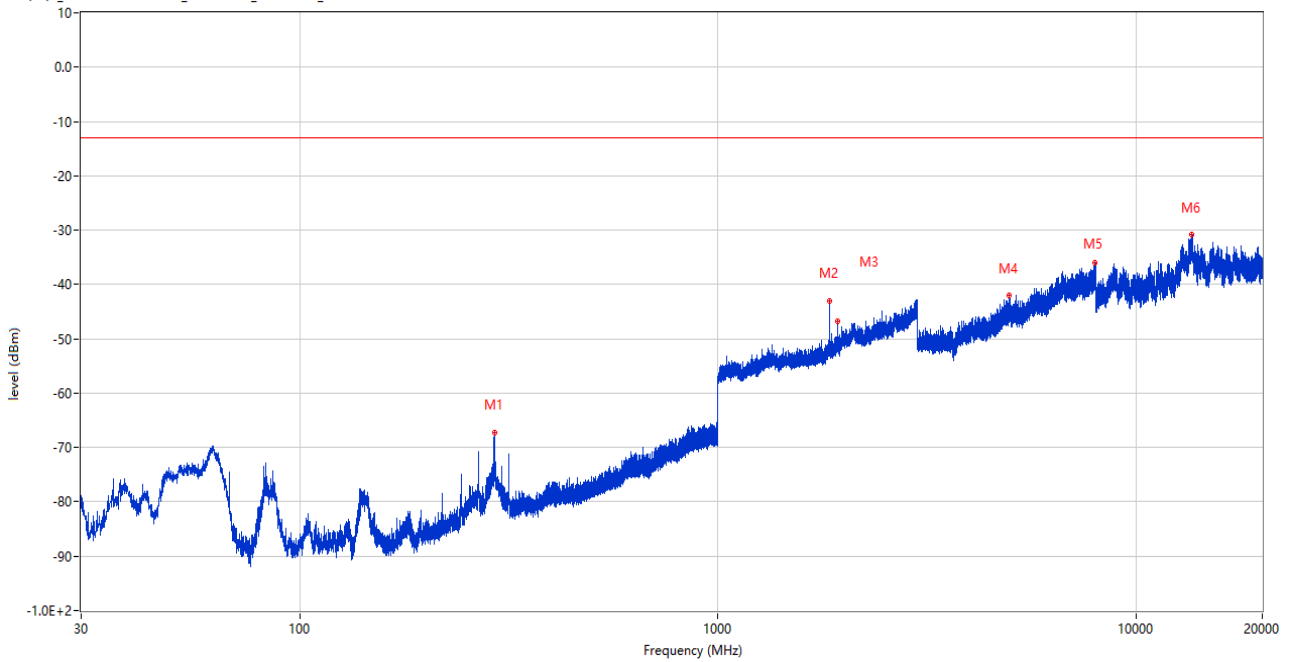


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
61.137	-64.50	-16.52	-13.0	51.50	192.00	Vertical	Vertical	Pass
1850.200	-41.94	2.53	-13.0	28.94	75.00	Vertical	Vertical	N/A
1930.200	-47.43	3.25	-13.0	34.43	219.00	Vertical	Vertical	N/A
3832.500	-45.68	9.07	-13.0	32.68	301.00	Vertical	Vertical	Pass
7931.000	-35.86	18.76	-13.0	22.86	360.00	Vertical	Vertical	Pass
13647.188	-31.43	24.83	-13.0	18.43	266.00	Vertical	Vertical	Pass



BAND:EGPRS1900,Channel:LOW range

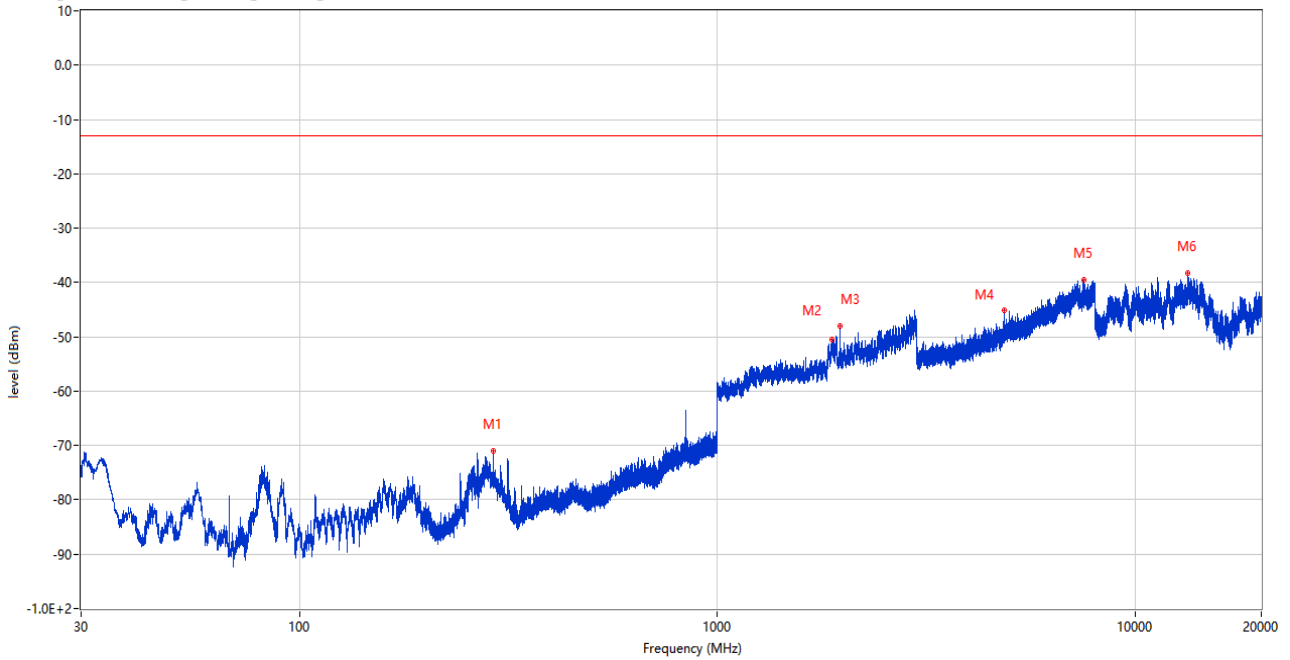
RSE (RF) \_FCC PART22&24&27\_GSM 1900\_1830-1920\_30MHz-20GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
291.609	-67.17	-11.73	-13.0	54.17	53.00	Vertical	Horizontal	Pass
1850.200	-42.96	2.53	-13.0	29.96	109.00	Vertical	Horizontal	N/A
1930.000	-46.66	3.32	-13.0	33.66	213.00	Vertical	Horizontal	N/A
4974.000	-42.05	13.47	-13.0	29.05	269.00	Vertical	Horizontal	Pass
7942.500	-35.97	18.91	-13.0	22.97	172.00	Vertical	Horizontal	Pass
13554.388	-30.79	25.19	-13.0	17.79	72.00	Vertical	Horizontal	Pass

BAND:EGPRS1900,Channel:MID range

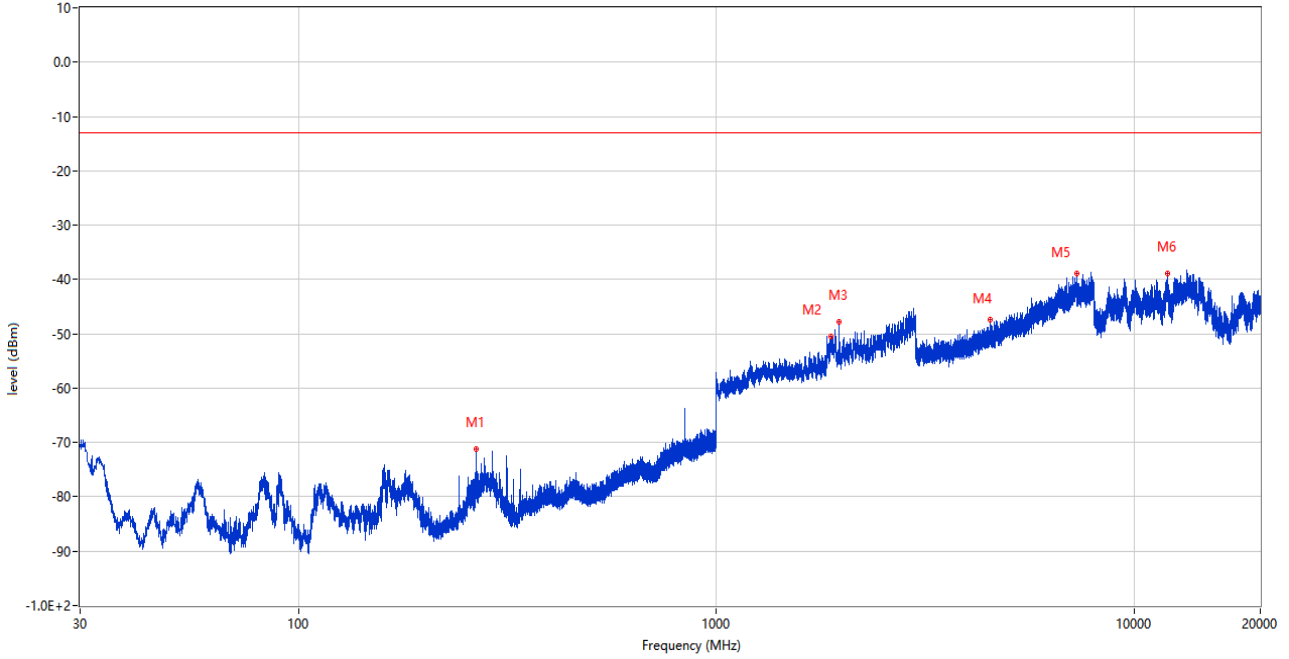
RSE (RF) \_FCC PART22&24&27\_GSM 1900\_1830-1920\_30MHz-20GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
290.833	-71.04	-13.67	-13.0	58.04	161.00	Horizontal	Horizontal	Pass
1878.400	-50.43	2.40	-13.0	37.43	267.00	Horizontal	Horizontal	N/A
1960.800	-48.01	0.95	-13.0	35.01	248.00	Horizontal	Horizontal	N/A
4854.750	-45.07	7.79	-13.0	32.07	97.00	Horizontal	Horizontal	Pass
7521.500	-39.50	13.97	-13.0	26.50	2.00	Horizontal	Horizontal	Pass
13370.599	-38.31	16.73	-13.0	25.31	224.00	Horizontal	Horizontal	Pass

BAND:EGPRS1900,Channel:MID range

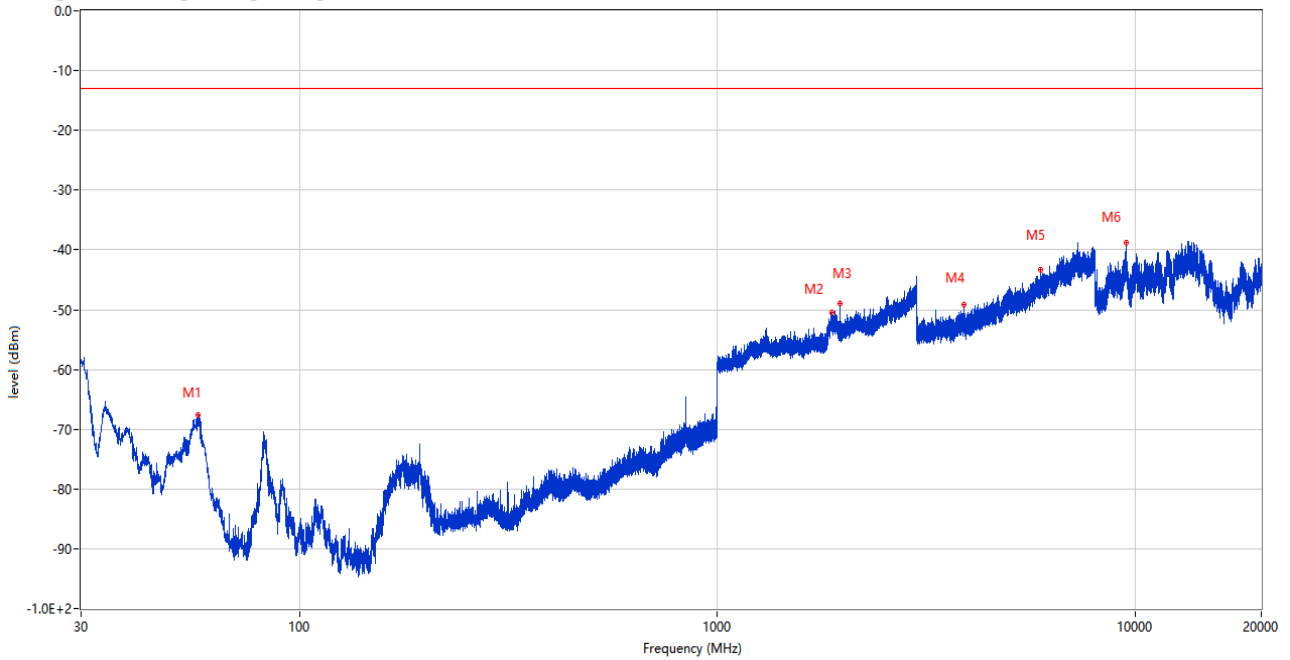
RSE (RF) \_FCC PART22&24&27\_GSM 1900\_1830-1920\_30MHz-20GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
266.341	-71.13	-14.33	-13.0	58.13	167.00	Horizontal	Vertical	Pass
1882.800	-50.53	2.48	-13.0	37.53	52.00	Horizontal	Vertical	N/A
1960.800	-47.88	0.95	-13.0	34.88	255.00	Horizontal	Vertical	N/A
4522.250	-47.42	8.20	-13.0	34.42	180.00	Horizontal	Vertical	Pass
7279.250	-38.91	13.62	-13.0	25.91	213.00	Horizontal	Vertical	Pass
12024.200	-38.87	13.51	-13.0	25.87	205.00	Horizontal	Vertical	Pass

BAND:EGPRS1900,Channel:MID range

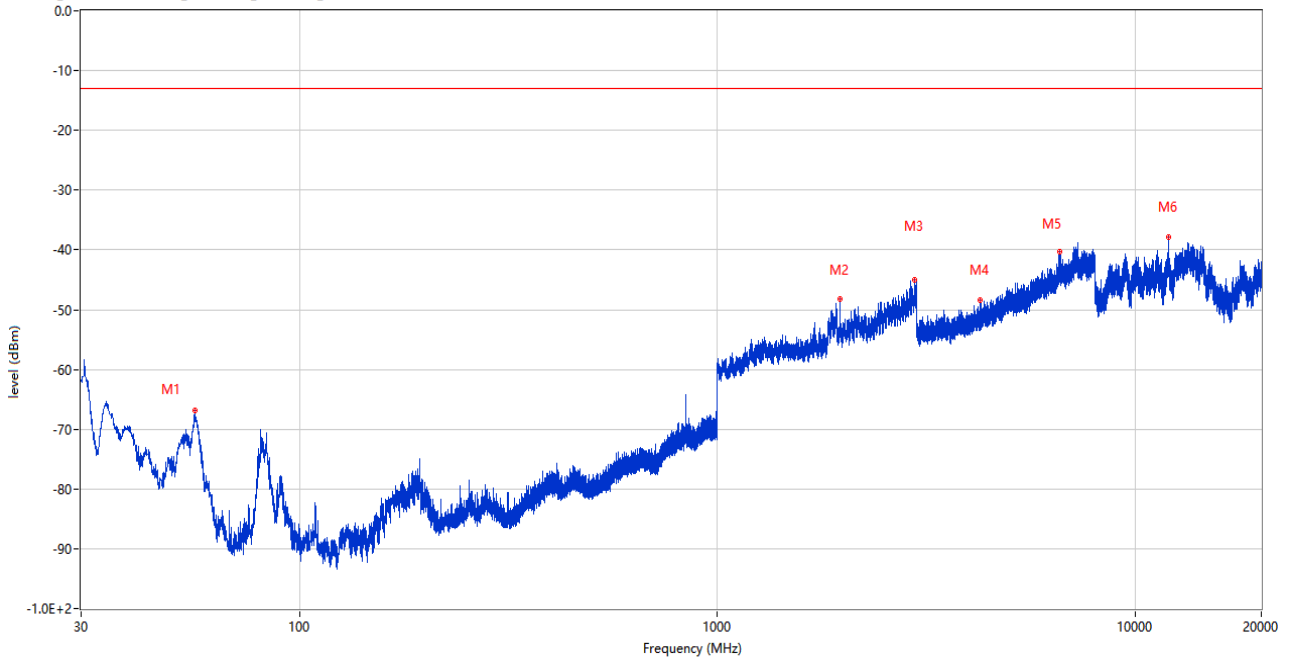
RSE (RF) \_FCC PART22&24&27\_GSM 1900\_1830-1920\_30MHz-20GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
57.111	-67.67	-17.34	-13.0	54.67	280.00	Vertical	Vertical	Pass
1880.900	-50.51	2.45	-13.0	37.51	142.00	Vertical	Vertical	N/A
1960.400	-49.00	0.92	-13.0	36.00	104.00	Vertical	Vertical	N/A
3876.750	-49.18	6.29	-13.0	36.18	71.00	Vertical	Vertical	Pass
5923.750	-43.33	10.74	-13.0	30.33	333.00	Vertical	Vertical	Pass
9506.700	-38.85	12.80	-13.0	25.85	251.00	Vertical	Vertical	Pass

BAND:EGPRS1900,Channel:MID range

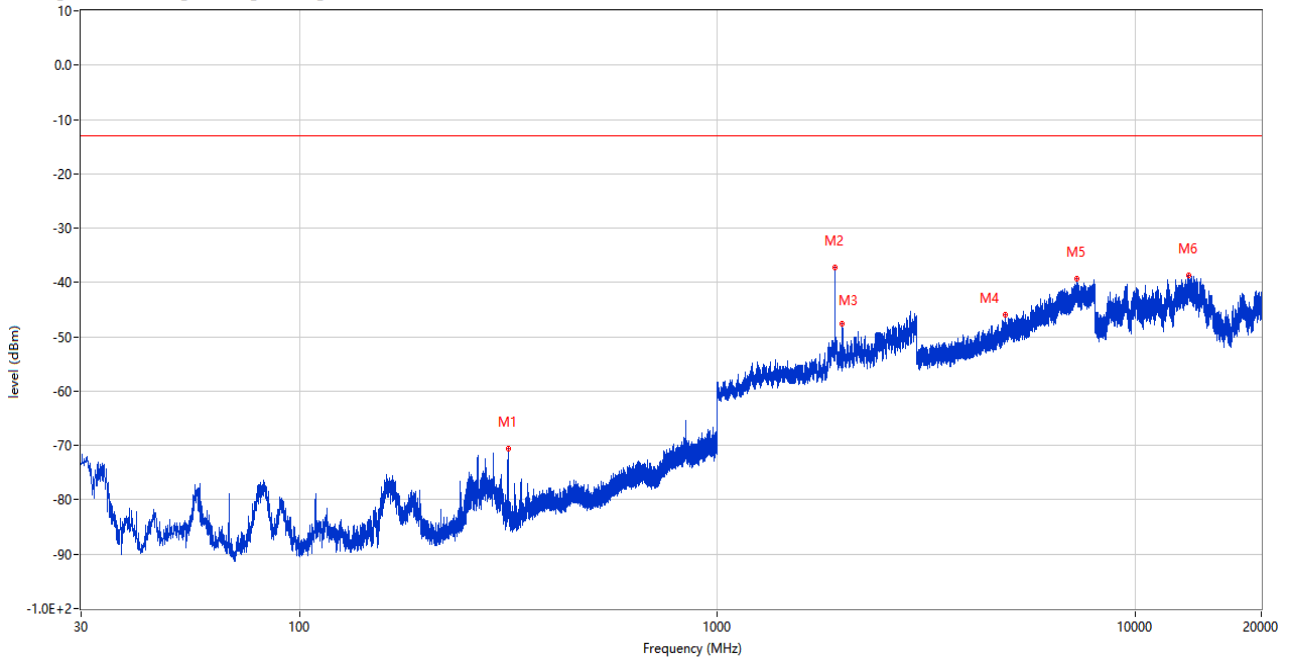
RSE (RF) \_FCC PART22&24&27\_GSM 1900\_1830-1920\_30MHz-20GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
56.239	-66.83	-17.24	-13.0	53.83	280.00	Vertical	Horizontal	Pass
1960.800	-48.26	0.95	-13.0	35.26	100.00	Vertical	Horizontal	N/A
2957.100	-45.00	8.64	-13.0	32.00	360.00	Vertical	Horizontal	Pass
4242.500	-48.33	6.16	-13.0	35.33	360.00	Vertical	Horizontal	Pass
6581.750	-40.35	13.41	-13.0	27.35	59.00	Vertical	Horizontal	Pass
11989.526	-37.83	14.02	-13.0	24.83	223.00	Vertical	Horizontal	Pass

BAND:EGPRS1900,Channel:HIGH range

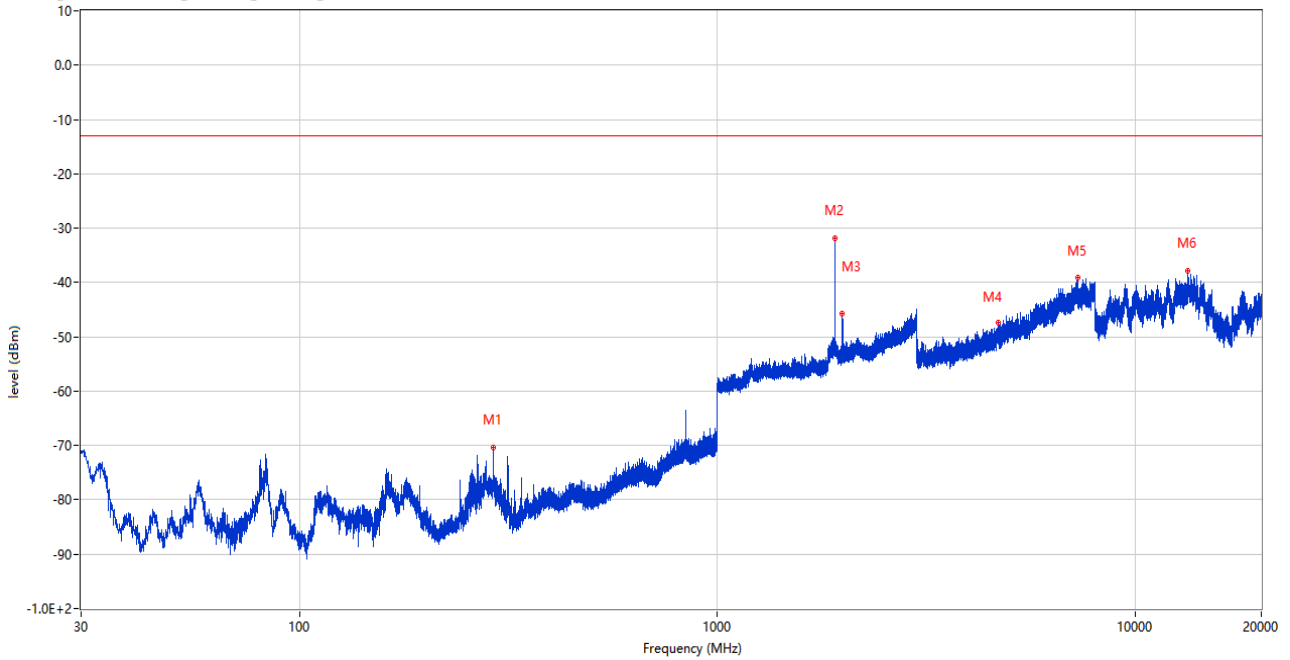
RSE (RF) \_FCC PART22&24&27\_GSM 1900\_1830-1920\_30MHz-20GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
315.131	-70.65	-15.04	-13.0	57.65	67.00	Horizontal	Horizontal	Pass
1910.400	-37.30	2.84	-13.0	24.30	0.00	Horizontal	Horizontal	N/A
1990.600	-47.66	0.94	-13.0	34.66	253.00	Horizontal	Horizontal	N/A
4884.500	-45.95	8.26	-13.0	32.95	324.00	Horizontal	Horizontal	Pass
7238.500	-39.27	14.98	-13.0	26.27	345.00	Horizontal	Horizontal	Pass
13383.650	-38.72	16.71	-13.0	25.72	360.00	Horizontal	Horizontal	Pass

BAND:EGPRS1900,Channel:HIGH range

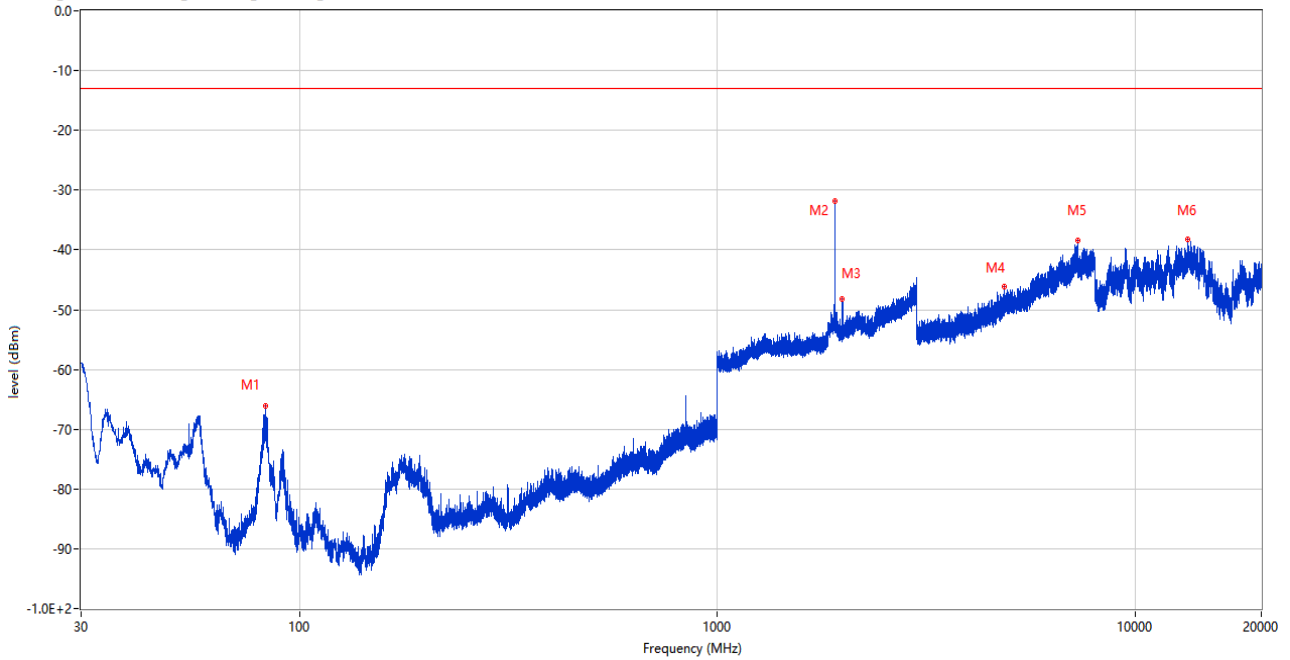
RSE (RF) \_FCC PART22&24&27\_GSM 1900\_1830-1920\_30MHz-20GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
290.591	-70.27	-13.62	-13.0	57.27	35.00	Horizontal	Vertical	Pass
1910.600	-31.75	2.84	-13.0	18.75	317.00	Horizontal	Vertical	N/A
1990.500	-45.74	0.93	-13.0	32.74	239.00	Horizontal	Vertical	N/A
4682.250	-47.30	7.77	-13.0	34.30	0.00	Horizontal	Vertical	Pass
7278.500	-39.16	13.68	-13.0	26.16	48.00	Horizontal	Vertical	Pass
13365.526	-37.76	16.74	-13.0	24.76	0.00	Horizontal	Vertical	Pass

BAND:EGPRS1900,Channel:HIGH range

RSE (RF) \_FCC PART22&24&27\_GSM 1900\_1830-1920\_30MHz-20GHz

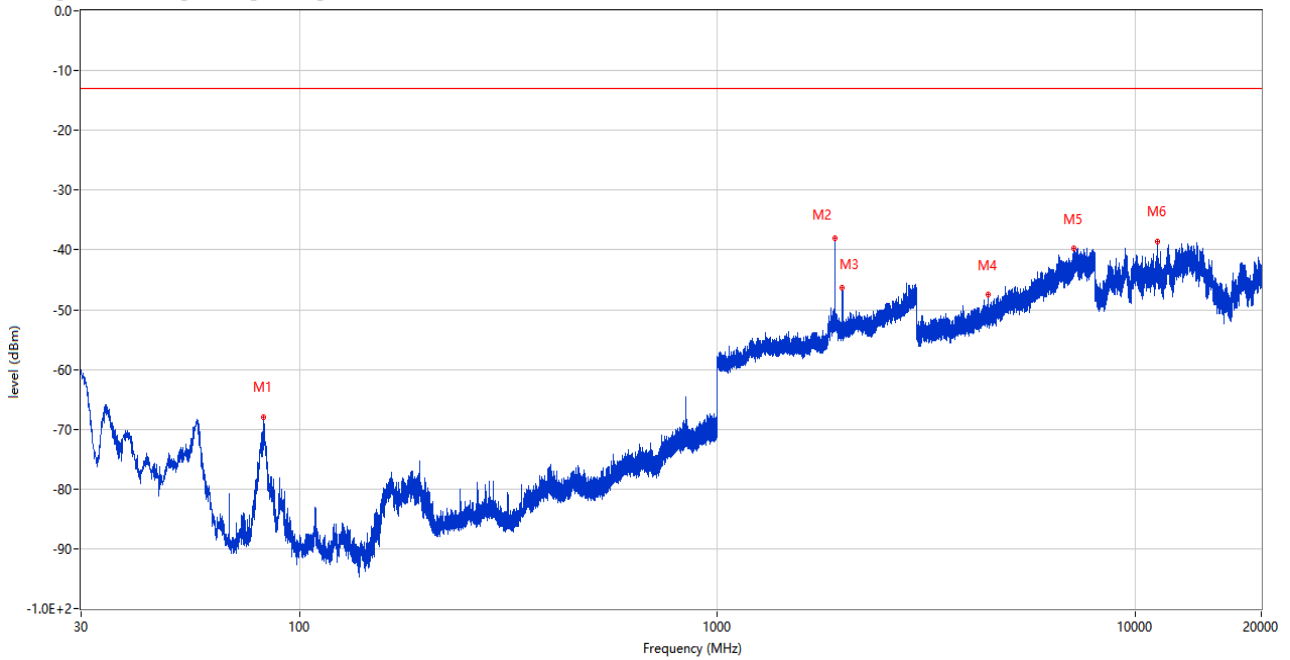


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
82.816	-66.18	-19.99	-13.0	53.18	170.00	Vertical	Vertical	Pass
1910.600	-31.76	2.84	-13.0	18.76	182.00	Vertical	Vertical	N/A
1990.800	-48.26	0.96	-13.0	35.26	74.00	Vertical	Vertical	N/A
4840.750	-46.22	7.93	-13.0	33.22	157.00	Vertical	Vertical	Pass
7280.500	-38.42	13.65	-13.0	25.42	360.00	Vertical	Vertical	Pass
13353.201	-38.27	16.76	-13.0	25.27	255.00	Vertical	Vertical	Pass



BAND:EGPRS1900,Channel:HIGH range

RSE (RF) \_FCC PART22&24&27\_GSM 1900\_1830-1920\_30MHz-20GHz



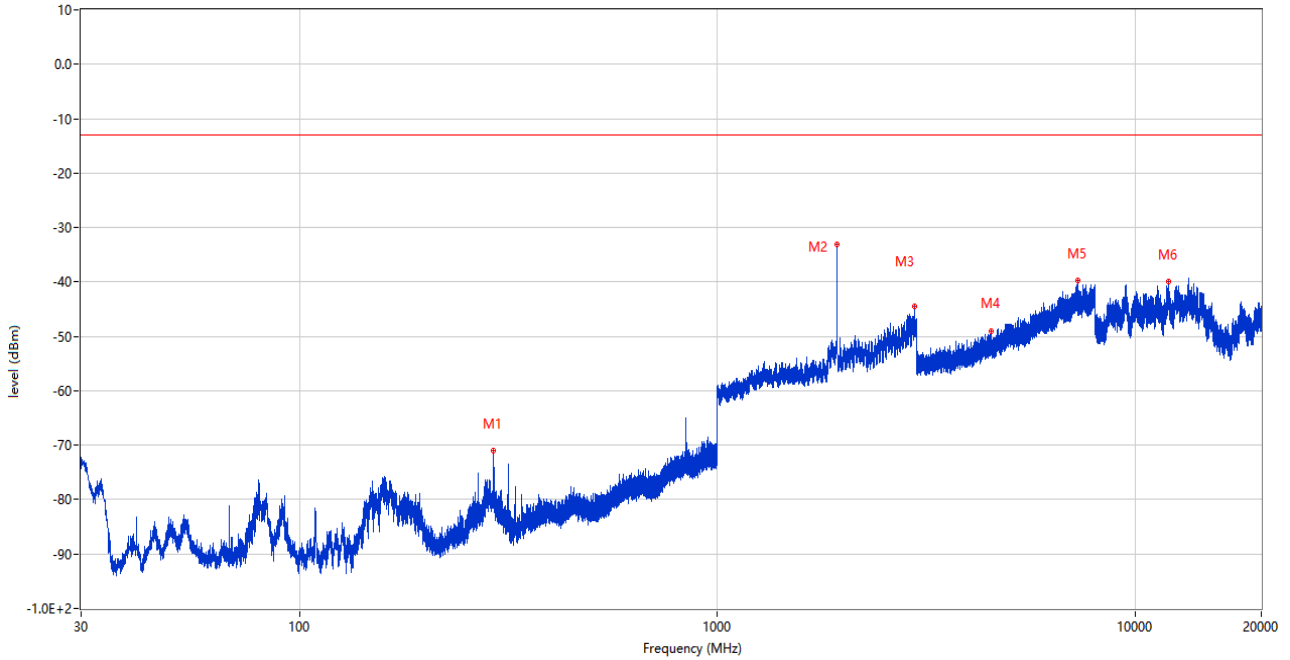
Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
82.186	-67.96	-20.06	-13.0	54.96	161.00	Vertical	Horizontal	Pass
1910.500	-38.05	2.84	-13.0	25.05	150.00	Vertical	Horizontal	N/A
1990.600	-46.36	0.94	-13.0	33.36	82.00	Vertical	Horizontal	N/A
4452.500	-47.44	7.41	-13.0	34.44	0.00	Vertical	Horizontal	Pass
7121.000	-39.69	13.44	-13.0	26.69	202.00	Vertical	Horizontal	Pass
11305.525	-38.55	14.07	-13.0	25.55	360.00	Vertical	Horizontal	Pass

### 3. WCDMA

#### 3.1 WCDMA Band 2

BAND:WCDMA B2,Channel:LOW range

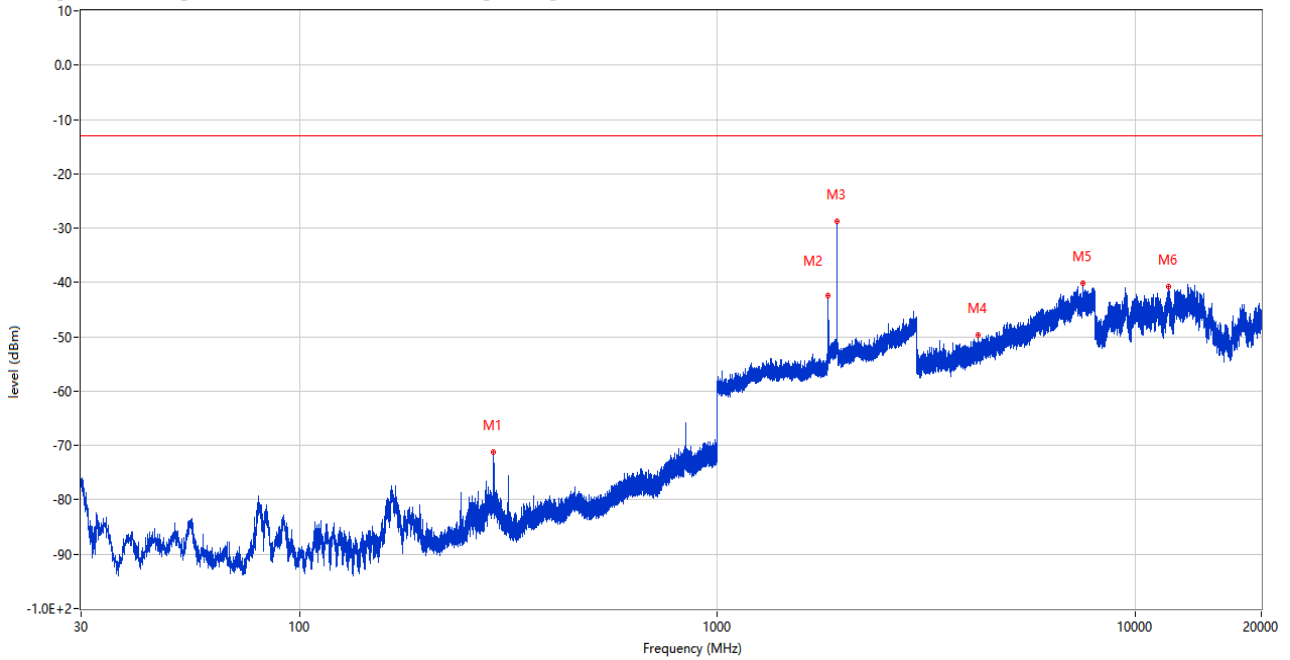
RSE (RF) \_FCC PART22&24&27\_CDMA BC1 & WCDMA Band 2 & LTE Band 2 & 25 \_1830-1920\_30MHz-20GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
291.318	-71.04	-13.57	-13.0	58.04	158.00	Horizontal	Horizontal	Pass
1932.200	-33.02	2.05	-13.0	20.02	230.00	Horizontal	Horizontal	N/A
2962.700	-44.52	9.13	-13.0	31.52	145.00	Horizontal	Horizontal	Pass
4517.000	-48.95	8.06	-13.0	35.95	193.00	Horizontal	Horizontal	Pass
7281.000	-39.71	13.69	-13.0	26.71	127.00	Horizontal	Horizontal	Pass
12002.350	-39.88	13.96	-13.0	26.88	360.00	Horizontal	Horizontal	Pass

BAND:WCDMA B2,Channel:LOW range

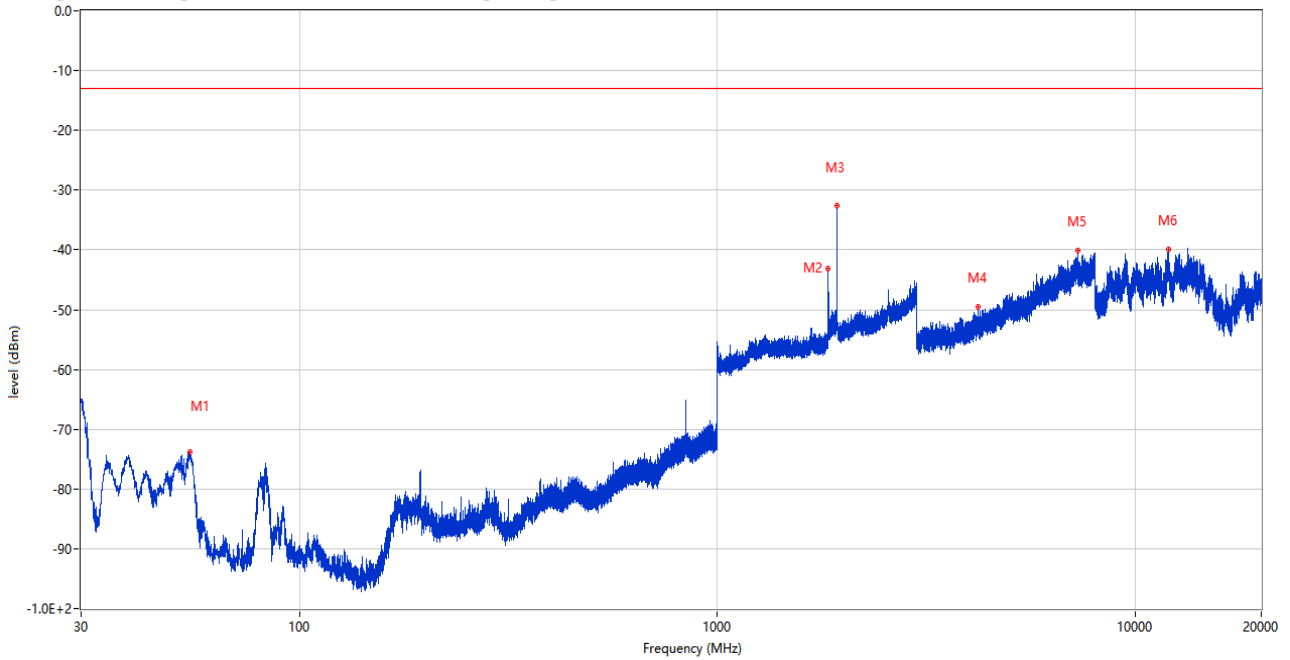
RSE (RF) \_FCC PART22&24&27\_CDMA BC1 & WCDMA Band 2 & LTE Band 2 & 25\_1830-1920\_30MHz-20GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
291.366	-71.19	-13.56	-13.0	58.19	109.00	Horizontal	Vertical	Pass
1839.800	-42.45	1.79	-13.0	29.45	347.00	Horizontal	Vertical	Pass
1933.300	-28.77	1.97	-13.0	15.77	225.00	Horizontal	Vertical	N/A
4201.750	-49.61	6.32	-13.0	36.61	360.00	Horizontal	Vertical	Pass
7467.750	-40.21	14.54	-13.0	27.21	234.00	Horizontal	Vertical	Pass
11988.338	-40.73	14.02	-13.0	27.73	25.00	Horizontal	Vertical	Pass

BAND:WCDMA B2,Channel:LOW range

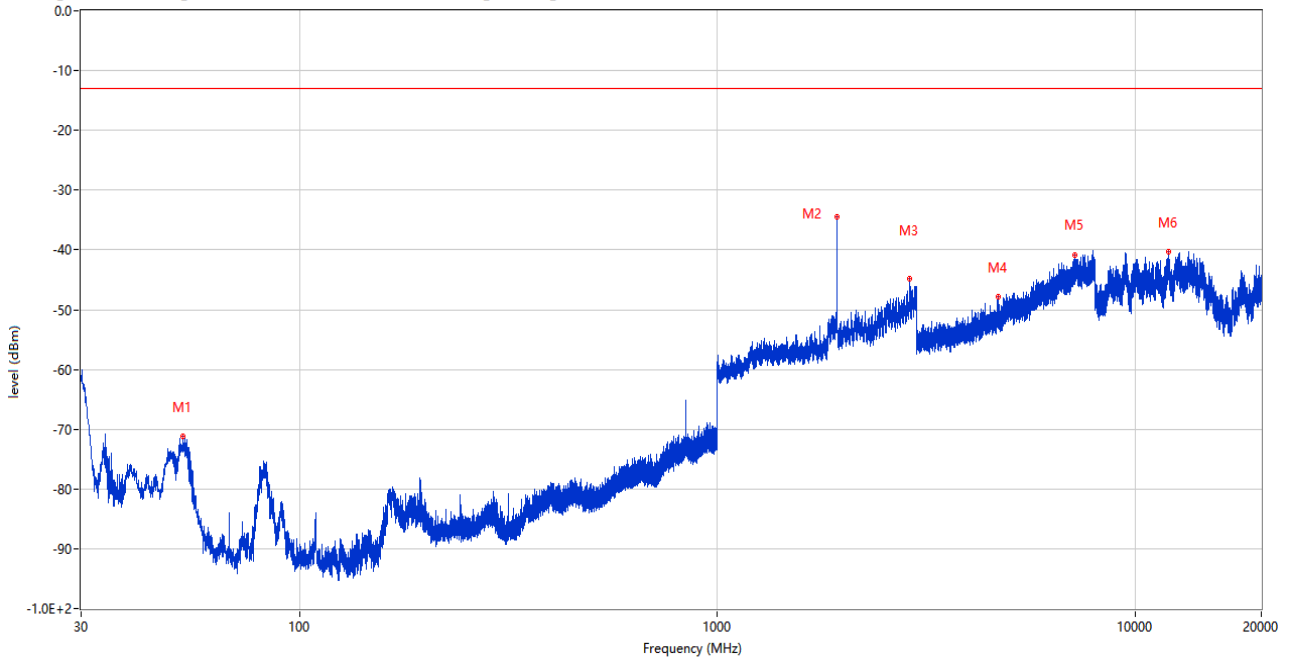
RSE (RF) \_FCC PART22&24&27\_CDMA BC1 & WCDMA Band 2 & LTE Band 2 & 25 \_1830-1920\_30MHz-20GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
54.735	-73.89	-16.54	-13.0	60.89	184.00	Vertical	Vertical	Pass
1840.200	-43.21	1.79	-13.0	30.21	325.00	Vertical	Vertical	Pass
1934.100	-32.65	1.84	-13.0	19.65	94.00	Vertical	Vertical	N/A
4196.750	-49.58	6.68	-13.0	36.58	0.00	Vertical	Vertical	Pass
7279.250	-40.16	13.62	-13.0	27.16	360.00	Vertical	Vertical	Pass
12004.250	-39.99	13.92	-13.0	26.99	360.00	Vertical	Vertical	Pass

BAND:WCDMA B2,Channel:LOW range

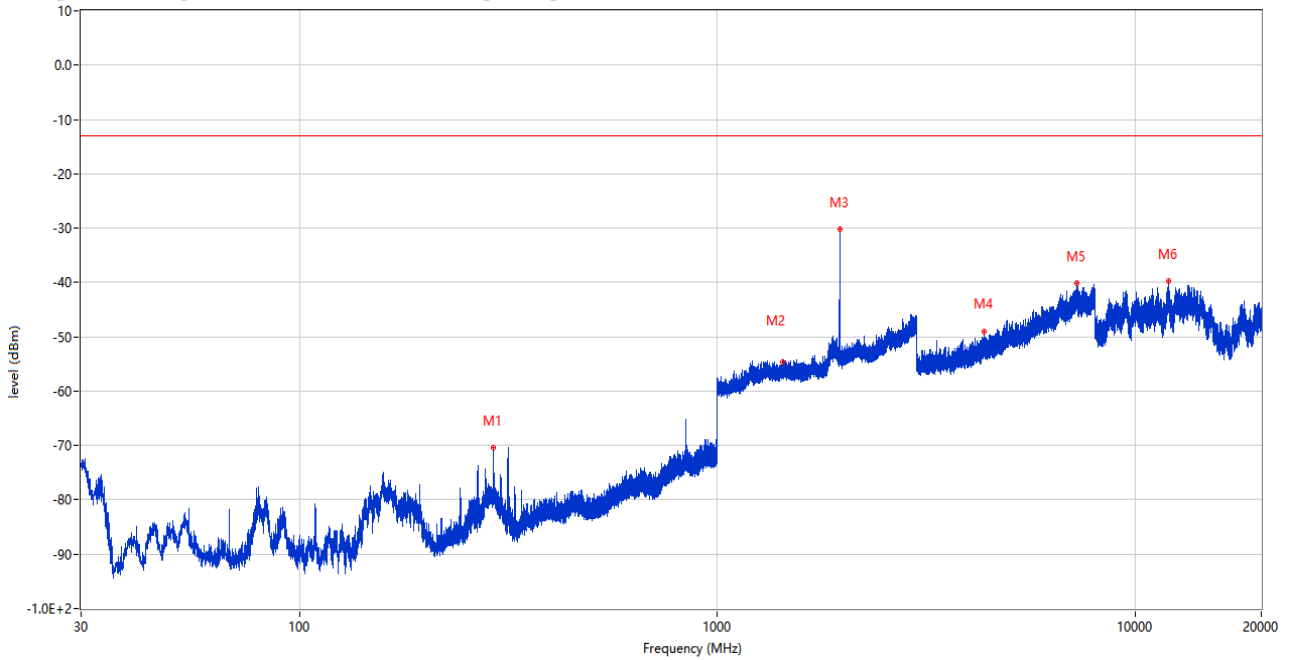
RSE (RF) \_FCC PART22&24&27\_CDMA BC1 & WCDMA Band 2 & LTE Band 2 & 25\_1830-1920\_30MHz-20GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
52.601	-71.11	-16.39	-13.0	58.11	169.00	Vertical	Horizontal	Pass
1933.200	-34.56	1.98	-13.0	21.56	95.00	Vertical	Horizontal	N/A
2886.400	-44.86	8.63	-13.0	31.86	0.00	Vertical	Horizontal	Pass
4684.250	-47.89	7.73	-13.0	34.89	134.00	Vertical	Horizontal	Pass
7156.750	-40.83	14.30	-13.0	27.83	290.00	Vertical	Horizontal	Pass
11992.138	-40.38	14.01	-13.0	27.38	0.00	Vertical	Horizontal	Pass

BAND:WCDMA B2,Channel:MID range

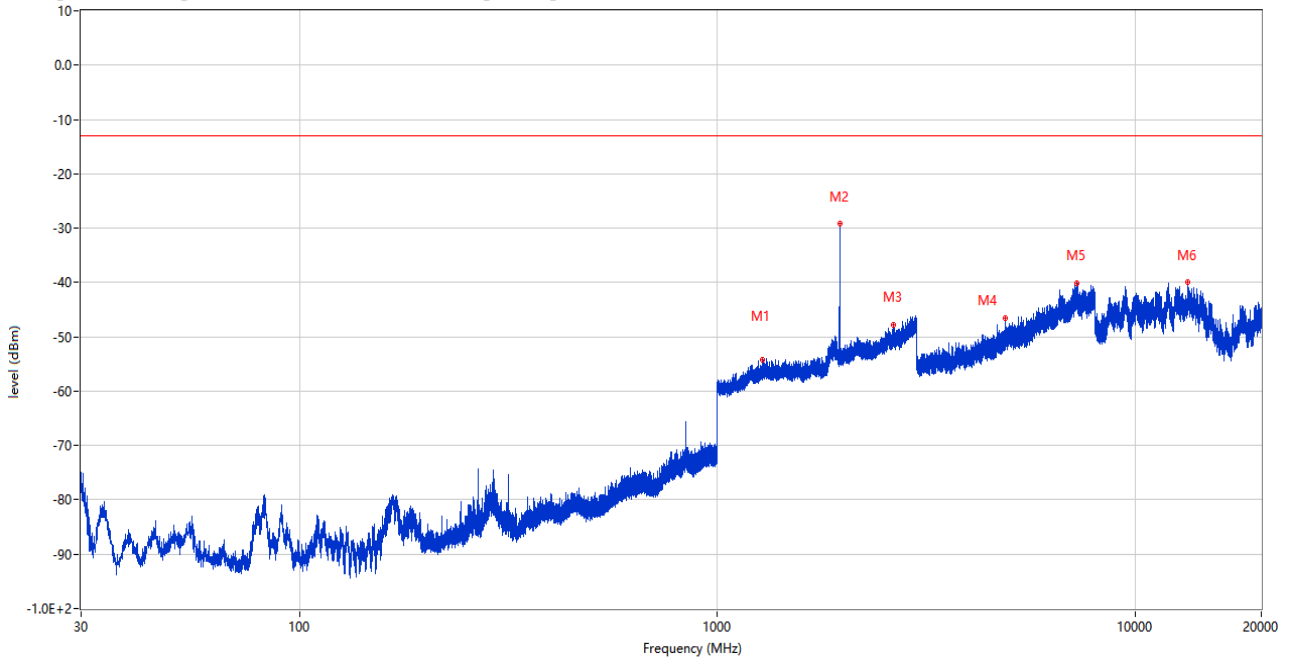
RSE (RF) \_FCC PART22&24&27\_CDMA BC1 & WCDMA Band 2 & LTE Band 2 & 25\_1830-1920\_30MHz-20GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
291.027	-70.46	-13.63	-13.0	57.46	360.00	Horizontal	Horizontal	Pass
1427.800	-54.67	-1.35	-13.0	41.67	268.00	Horizontal	Horizontal	Pass
1961.500	-30.18	1.00	-13.0	17.18	249.00	Horizontal	Horizontal	N/A
4343.000	-48.95	7.23	-13.0	35.95	333.00	Horizontal	Horizontal	Pass
7246.000	-40.07	14.99	-13.0	27.07	360.00	Horizontal	Horizontal	Pass
11985.013	-39.82	14.02	-13.0	26.82	75.00	Horizontal	Horizontal	Pass

BAND:WCDMA B2,Channel:MID range

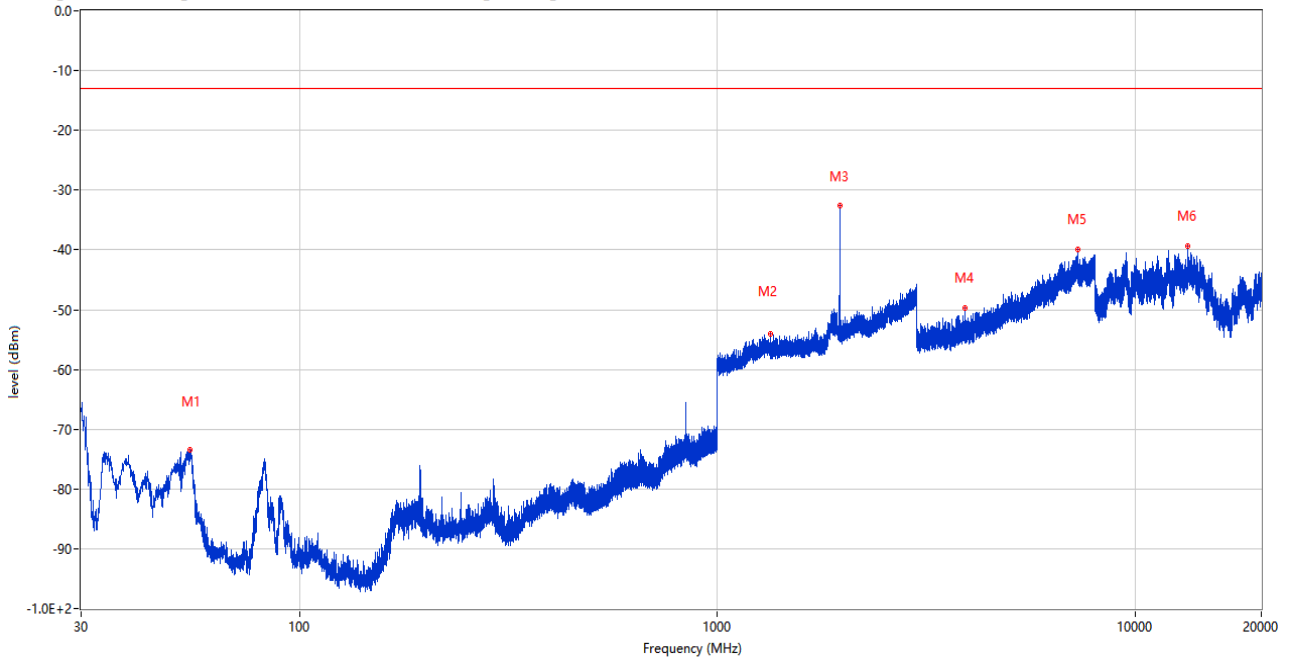
RSE (RF) \_FCC PART22&24&27\_CDMA BC1 & WCDMA Band 2 & LTE Band 2 & 25\_1830-1920\_30MHz-20GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
1283.800	-54.21	-1.31	-13.0	41.21	27.00	Horizontal	Vertical	Pass
1960.300	-29.21	0.91	-13.0	16.21	228.00	Horizontal	Vertical	N/A
2637.100	-47.69	6.22	-13.0	34.69	360.00	Horizontal	Vertical	Pass
4893.750	-46.60	8.29	-13.0	33.60	77.00	Horizontal	Vertical	Pass
7242.500	-40.05	15.00	-13.0	27.05	185.00	Horizontal	Vertical	Pass
13353.201	-39.95	16.76	-13.0	26.95	0.00	Horizontal	Vertical	Pass

BAND:WCDMA B2,Channel:MID range

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

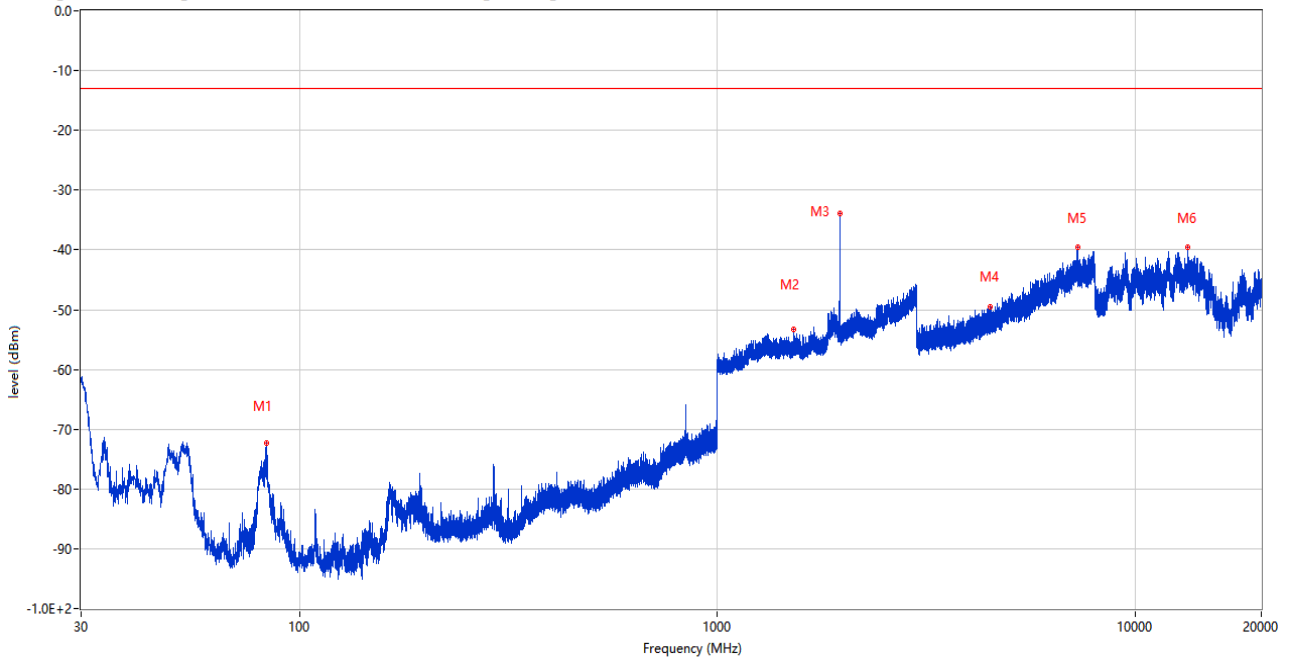


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
54.541	-73.42	-16.52	-13.0	60.42	293.00	Vertical	Vertical	Pass
1336.700	-53.98	-1.83	-13.0	40.98	300.00	Vertical	Vertical	Pass
1960.700	-32.64	0.94	-13.0	19.64	97.00	Vertical	Vertical	N/A
3909.500	-49.64	6.14	-13.0	36.64	56.00	Vertical	Vertical	Pass
7279.750	-39.83	13.61	-13.0	26.83	92.00	Vertical	Vertical	Pass
13347.763	-39.33	16.69	-13.0	26.33	360.00	Vertical	Vertical	Pass



BAND:WCDMA B2,Channel:MID range

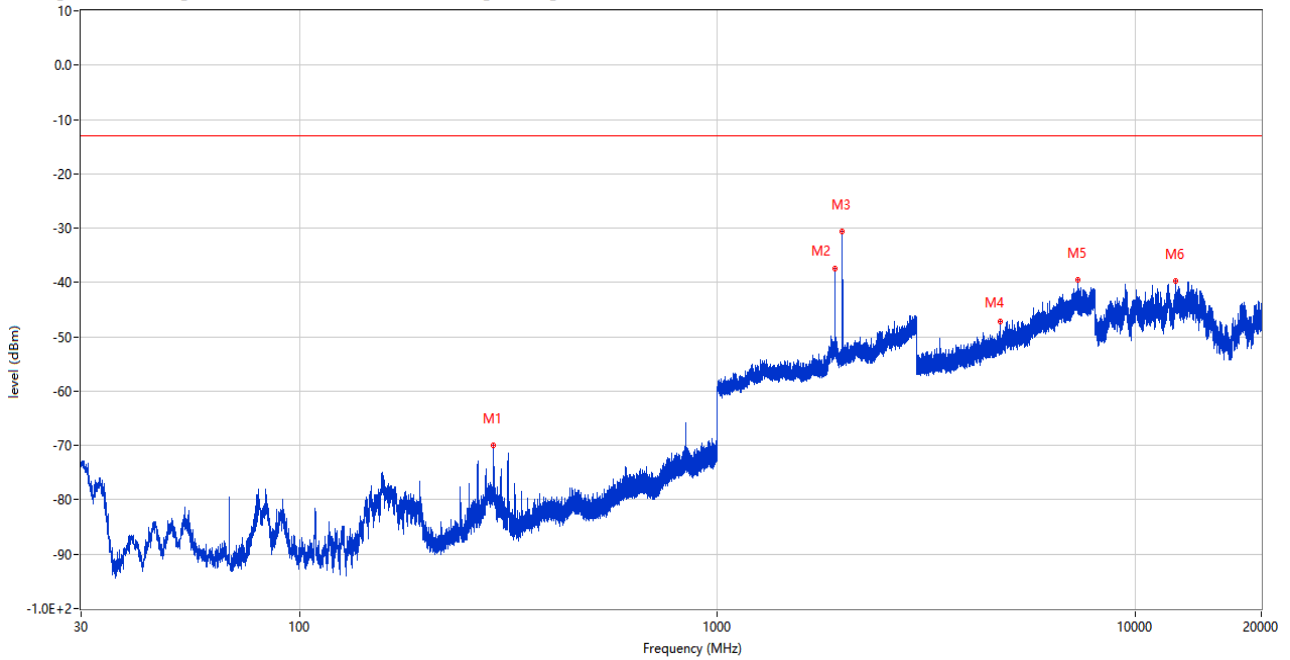
RSE (RF) \_FCC PART22&24&27\_CDMA BC1 & WCDMA Band 2 & LTE Band 2 & 25\_1830-1920\_30MHz-20GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
83.495	-72.37	-19.99	-13.0	59.37	135.00	Vertical	Horizontal	Pass
1523.100	-53.38	-1.43	-13.0	40.38	171.00	Vertical	Horizontal	Pass
1960.900	-33.97	0.95	-13.0	20.97	111.00	Vertical	Horizontal	N/A
4502.000	-49.44	7.64	-13.0	36.44	259.00	Vertical	Horizontal	Pass
7280.500	-39.59	13.65	-13.0	26.59	153.00	Vertical	Horizontal	Pass
13339.062	-39.60	16.40	-13.0	26.60	43.00	Vertical	Horizontal	Pass

BAND:WCDMA B2,Channel:HIGH range

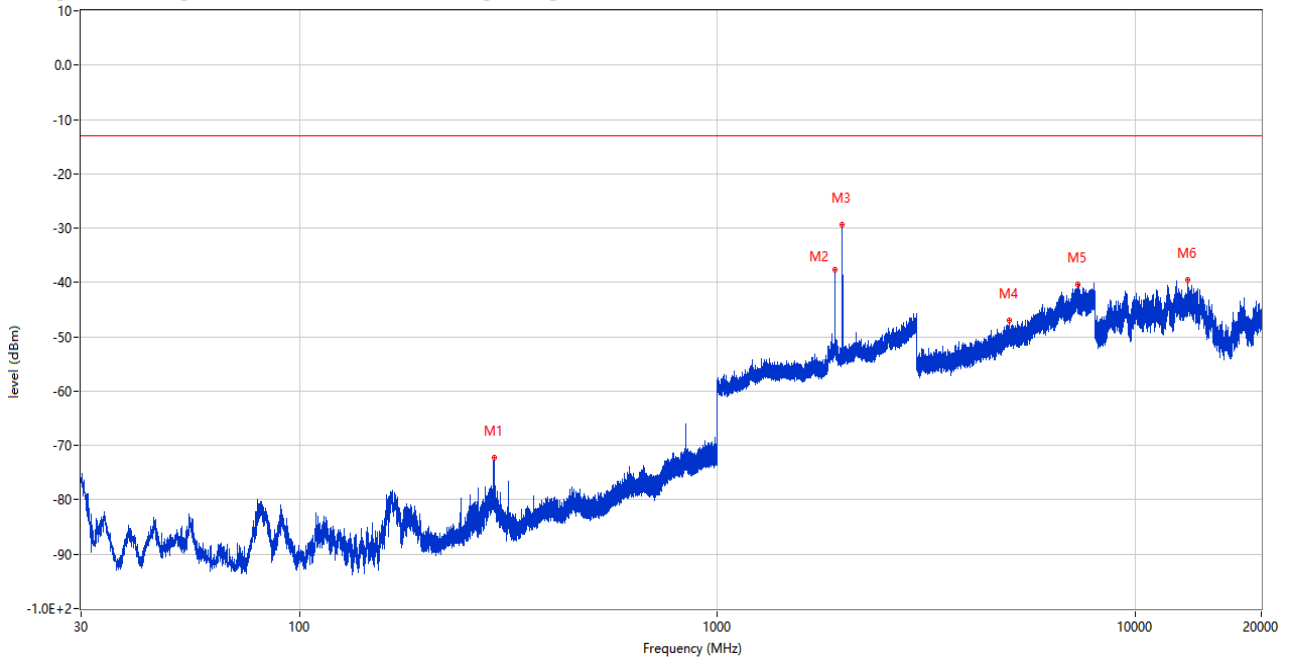
RSE (RF) \_FCC PART22&24&27\_CDMA BC1 & WCDMA Band 2 & LTE Band 2 & 25\_1830-1920\_30MHz-20GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
290.930	-69.86	-13.65	-13.0	56.86	152.00	Horizontal	Horizontal	Pass
1909.300	-37.53	2.84	-13.0	24.53	309.00	Horizontal	Horizontal	N/A
1987.700	-30.62	0.85	-13.0	17.62	239.00	Horizontal	Horizontal	N/A
4744.500	-47.24	7.38	-13.0	34.24	0.00	Horizontal	Horizontal	Pass
7281.500	-39.56	13.68	-13.0	26.56	92.00	Horizontal	Horizontal	Pass
12491.362	-39.74	14.50	-13.0	26.74	138.00	Horizontal	Horizontal	Pass

BAND:WCDMA B2,Channel:HIGH range

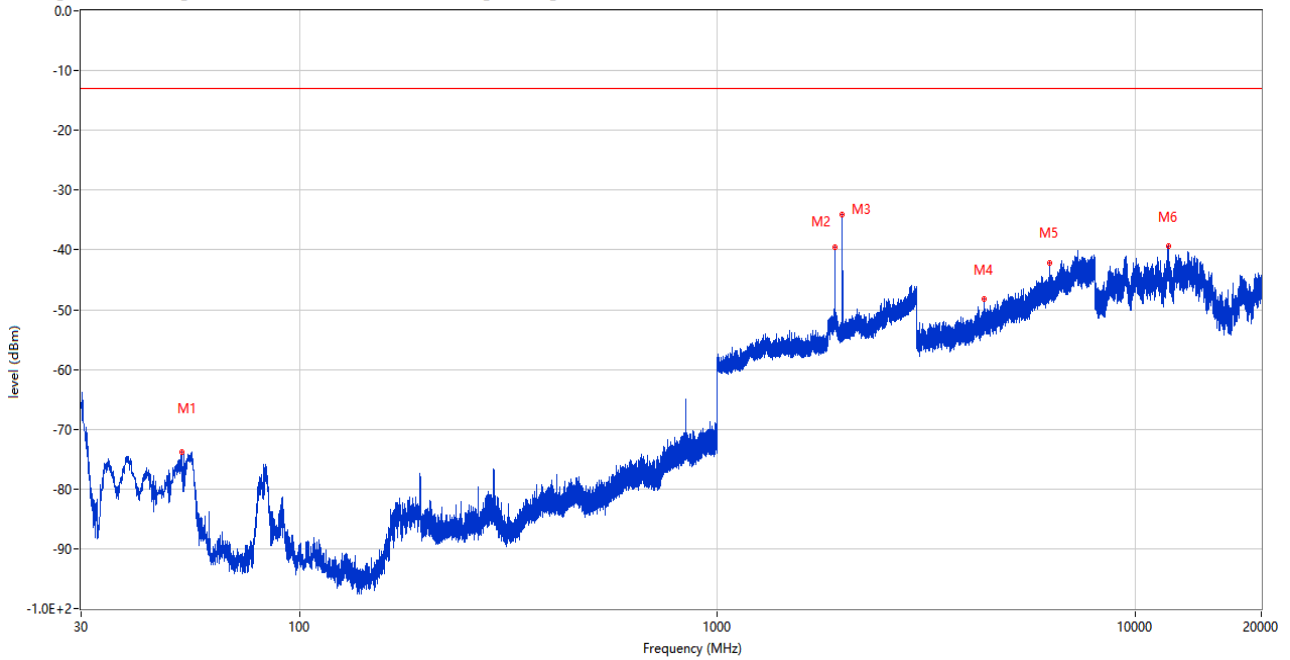
RSE (RF) \_FCC PART22&24&27\_CDMA BC1 & WCDMA Band 2 & LTE Band 2 & 25\_1830-1920\_30MHz-20GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
291.512	-72.19	-13.53	-13.0	59.19	98.00	Horizontal	Vertical	Pass
1909.400	-37.73	2.84	-13.0	24.73	316.00	Horizontal	Vertical	N/A
1989.700	-29.35	0.84	-13.0	16.35	246.00	Horizontal	Vertical	N/A
5000.500	-47.04	9.05	-13.0	34.04	333.00	Horizontal	Vertical	Pass
7280.750	-40.40	13.67	-13.0	27.40	93.00	Horizontal	Vertical	Pass
13340.875	-39.59	16.46	-13.0	26.59	260.00	Horizontal	Vertical	Pass

BAND:WCDMA B2,Channel:HIGH range

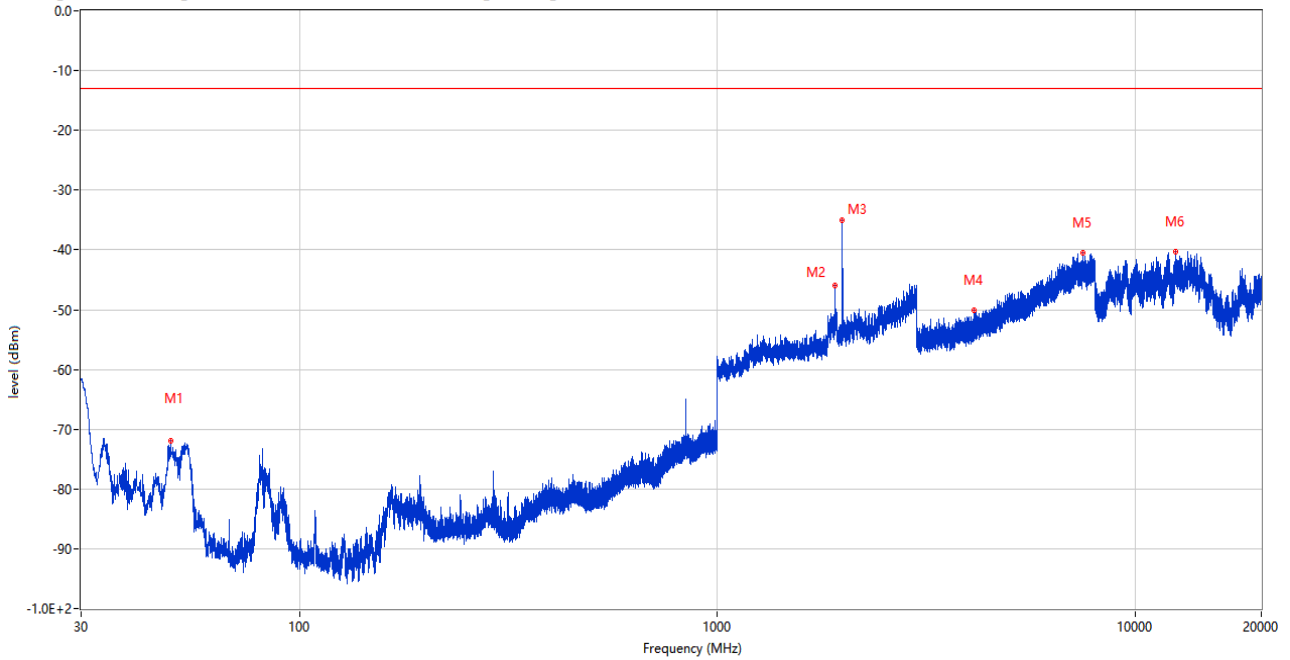
RSE (RF) \_FCC PART22&24&27\_CDMA BC1 & WCDMA Band 2 & LTE Band 2 & 25\_1830-1920\_30MHz-20GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
52.213	-73.77	-16.27	-13.0	60.77	261.00	Vertical	Vertical	Pass
1909.500	-39.61	2.84	-13.0	26.61	16.00	Vertical	Vertical	N/A
1988.200	-34.12	0.85	-13.0	21.12	101.00	Vertical	Vertical	N/A
4354.500	-48.27	7.23	-13.0	35.27	295.00	Vertical	Vertical	Pass
6243.000	-42.09	11.59	-13.0	29.09	121.00	Vertical	Vertical	Pass
11994.276	-39.44	14.01	-13.0	26.44	6.00	Vertical	Vertical	Pass

BAND:WCDMA B2,Channel:HIGH range

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

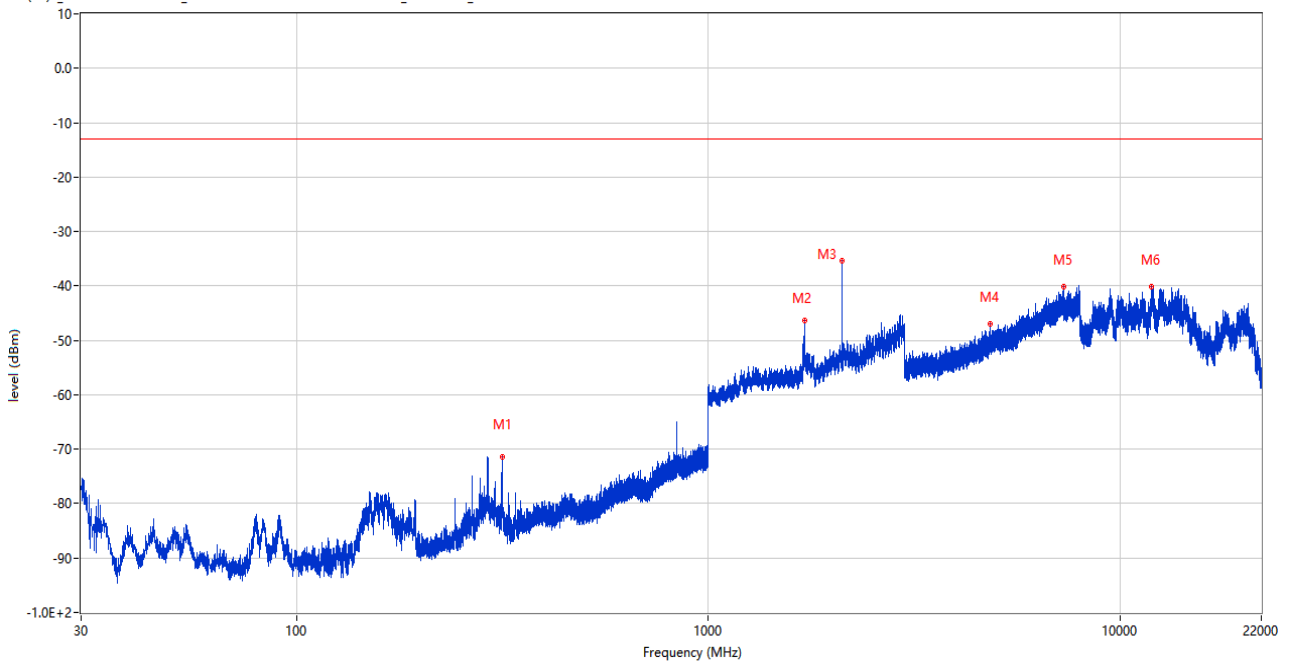


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
49.157	-72.01	-16.25	-13.0	59.01	238.00	Vertical	Horizontal	Pass
1909.700	-45.99	2.84	-13.0	32.99	163.00	Vertical	Horizontal	N/A
1987.900	-35.12	0.85	-13.0	22.12	95.00	Vertical	Horizontal	N/A
4104.500	-50.08	6.67	-13.0	37.08	0.00	Vertical	Horizontal	Pass
7494.750	-40.49	13.84	-13.0	27.49	147.00	Vertical	Horizontal	Pass
12496.825	-40.30	14.58	-13.0	27.30	0.00	Vertical	Horizontal	Pass

### 3.2 WCDMA Band 4

BAND:WCDMA B4,Channel:LOW range

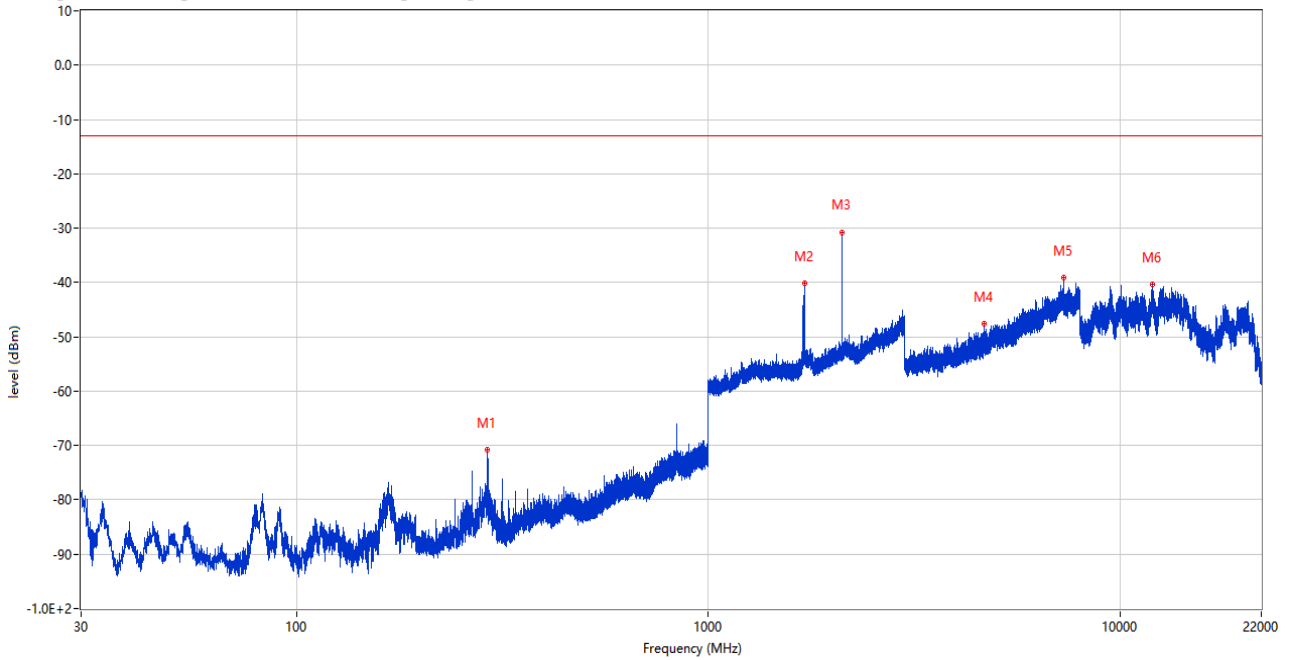
RSE (RF) \_FCC PART22&24&27\_WCDMA Band 4 & LTE Band 4 & 66 \_1710-1785\_30MHz-20GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
315.616	-71.32	-15.07	-13.0	58.32	22.00	Horizontal	Horizontal	Pass
1711.900	-46.37	1.31	-13.0	33.37	317.00	Horizontal	Horizontal	N/A
2113.400	-35.41	2.48	-13.0	22.41	230.00	Horizontal	Horizontal	N/A
4838.750	-46.96	7.96	-13.0	33.96	72.00	Horizontal	Horizontal	Pass
7281.750	-40.22	13.66	-13.0	27.22	333.00	Horizontal	Horizontal	Pass
11917.088	-40.06	13.76	-13.0	27.06	0.00	Horizontal	Horizontal	Pass

BAND:WCDMA B4,Channel:LOW range

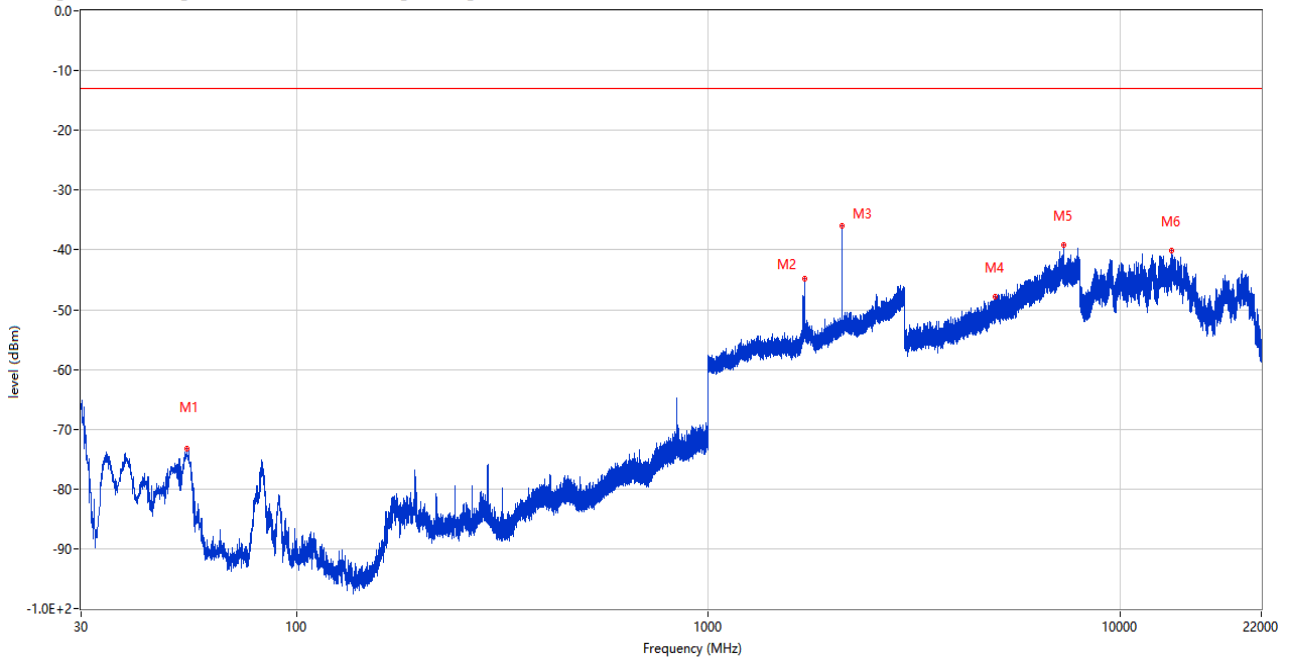
RSE (RF) \_FCC PART22&24&27\_WCDMA Band 4 & LTE Band 4 & 66 \_1710-1785\_30MHz-20GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
291.124	-70.83	-13.61	-13.0	57.83	102.00	Horizontal	Vertical	Pass
1712.000	-40.07	1.31	-13.0	27.07	360.00	Horizontal	Vertical	N/A
2112.400	-30.73	2.48	-13.0	17.73	229.00	Horizontal	Vertical	N/A
4681.500	-47.65	7.78	-13.0	34.65	56.00	Horizontal	Vertical	Pass
7281.000	-39.12	13.69	-13.0	26.12	283.00	Horizontal	Vertical	Pass
11973.375	-40.27	14.03	-13.0	27.27	183.00	Horizontal	Vertical	Pass

BAND:WCDMA B4,Channel:LOW range

RSE (RF) \_FCC PART22&24&27\_WCDMA Band 4 & LTE Band 4 & 66 \_1710-1785\_30MHz-20GHz

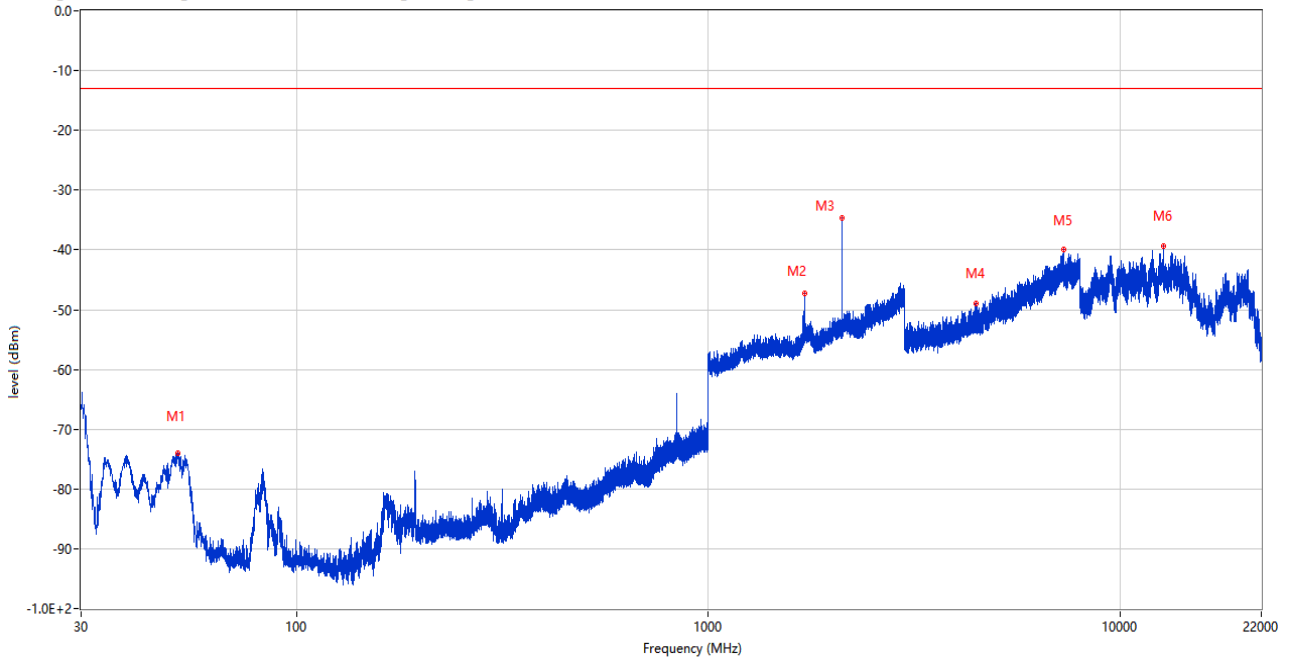


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
54.105	-73.19	-16.39	-13.0	60.19	250.00	Vertical	Vertical	Pass
1711.900	-44.86	1.31	-13.0	31.86	236.00	Vertical	Vertical	N/A
2113.900	-36.05	2.48	-13.0	23.05	318.00	Vertical	Vertical	N/A
4979.750	-47.92	9.36	-13.0	34.92	263.00	Vertical	Vertical	Pass
7280.750	-39.21	13.67	-13.0	26.21	250.00	Vertical	Vertical	Pass
13340.151	-40.16	16.44	-13.0	27.16	360.00	Vertical	Vertical	Pass



BAND:WCDMA B4,Channel:LOW range

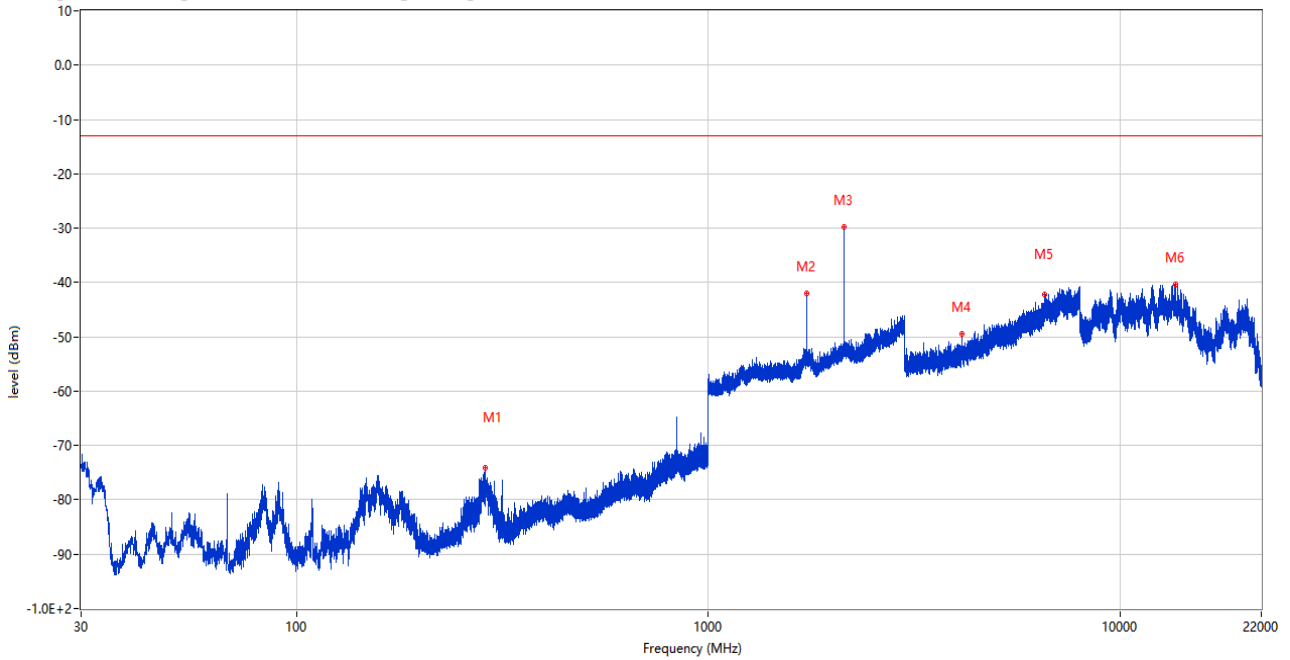
RSE (RF) \_FCC PART22&24&27\_WCDMA Band 4 & LTE Band 4 & 66 \_1710-1785\_30MHz-20GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
51.389	-73.92	-16.12	-13.0	60.92	0.00	Vertical	Horizontal	Pass
1711.800	-47.30	1.31	-13.0	34.30	18.00	Vertical	Horizontal	N/A
2114.100	-34.60	2.48	-13.0	21.60	118.00	Vertical	Horizontal	N/A
4478.750	-48.92	6.85	-13.0	35.92	253.00	Vertical	Horizontal	Pass
7281.500	-39.99	13.68	-13.0	26.99	288.00	Vertical	Horizontal	Pass
12711.999	-39.27	14.85	-13.0	26.27	360.00	Vertical	Horizontal	Pass

BAND:WCDMA B4,Channel:MID range

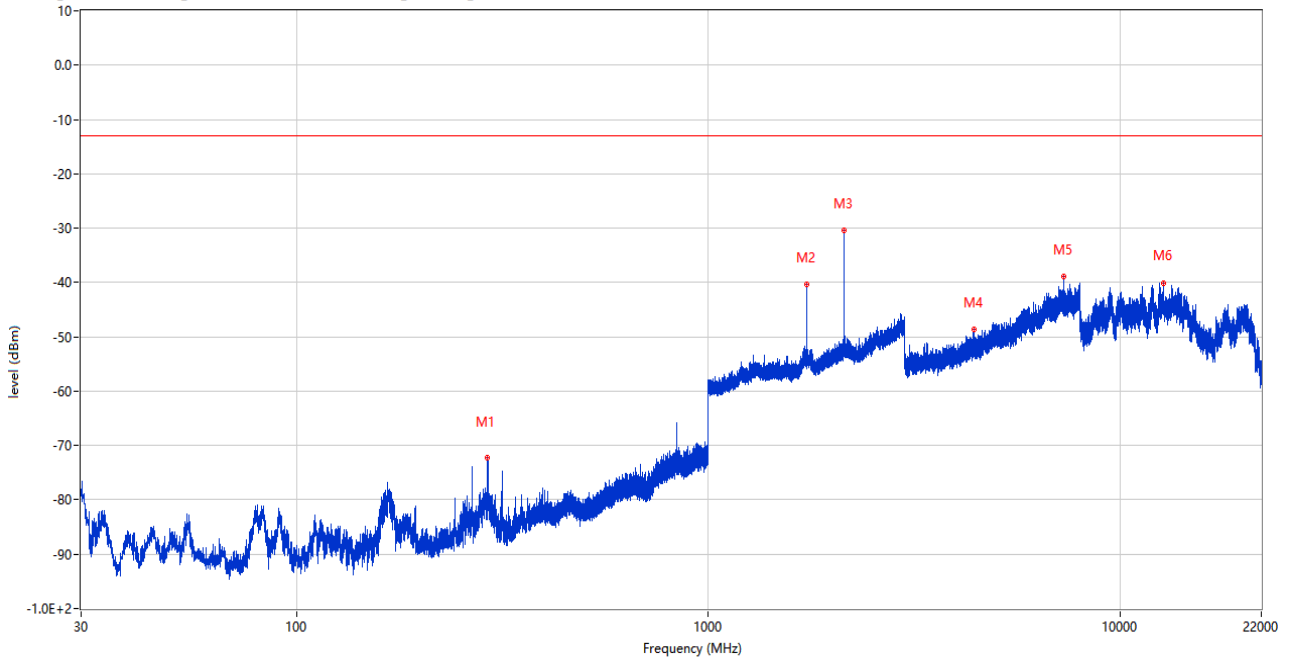
RSE (RF) \_FCC PART22&24&27\_WCDMA Band 4 & LTE Band 4 & 66 \_1710-1785\_30MHz-20GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
287.147	-74.03	-13.15	-13.0	61.03	199.00	Horizontal	Horizontal	Pass
1732.200	-42.00	1.13	-13.0	29.00	360.00	Horizontal	Horizontal	N/A
2133.100	-29.86	2.72	-13.0	16.86	236.00	Horizontal	Horizontal	N/A
4129.250	-49.50	6.81	-13.0	36.50	321.00	Horizontal	Horizontal	Pass
6545.750	-42.14	12.45	-13.0	29.14	50.00	Horizontal	Horizontal	Pass
13637.075	-40.28	16.37	-13.0	27.28	194.00	Horizontal	Horizontal	Pass

BAND:WCDMA B4,Channel:MID range

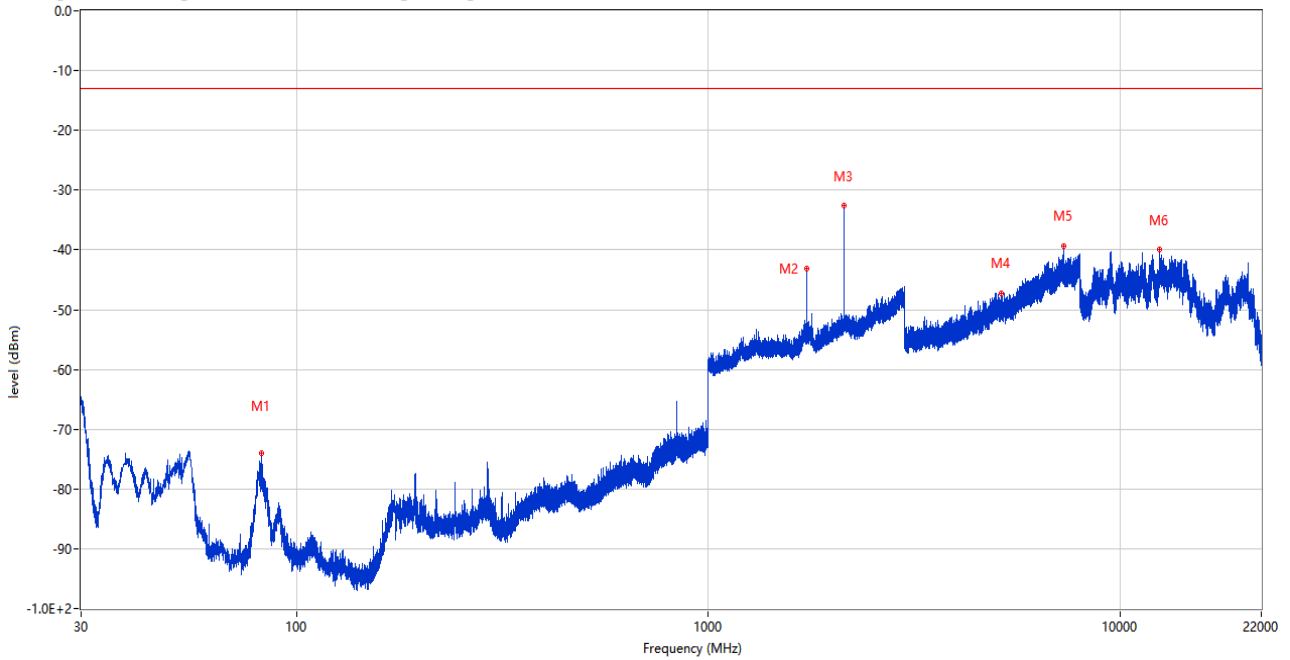
RSE (RF) \_FCC PART22&24&27\_WCDMA Band 4 & LTE Band 4 & 66 \_1710-1785\_30MHz-20GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
291.270	-72.29	-13.58	-13.0	59.29	156.00	Horizontal	Vertical	Pass
1732.000	-40.26	1.13	-13.0	27.26	0.00	Horizontal	Vertical	N/A
2132.200	-30.39	2.65	-13.0	17.39	235.00	Horizontal	Vertical	N/A
4414.750	-48.60	7.04	-13.0	35.60	360.00	Horizontal	Vertical	Pass
7281.500	-38.83	13.68	-13.0	25.83	239.00	Horizontal	Vertical	Pass
12703.213	-40.05	14.86	-13.0	27.05	278.00	Horizontal	Vertical	Pass

BAND:WCDMA B4,Channel:MID range

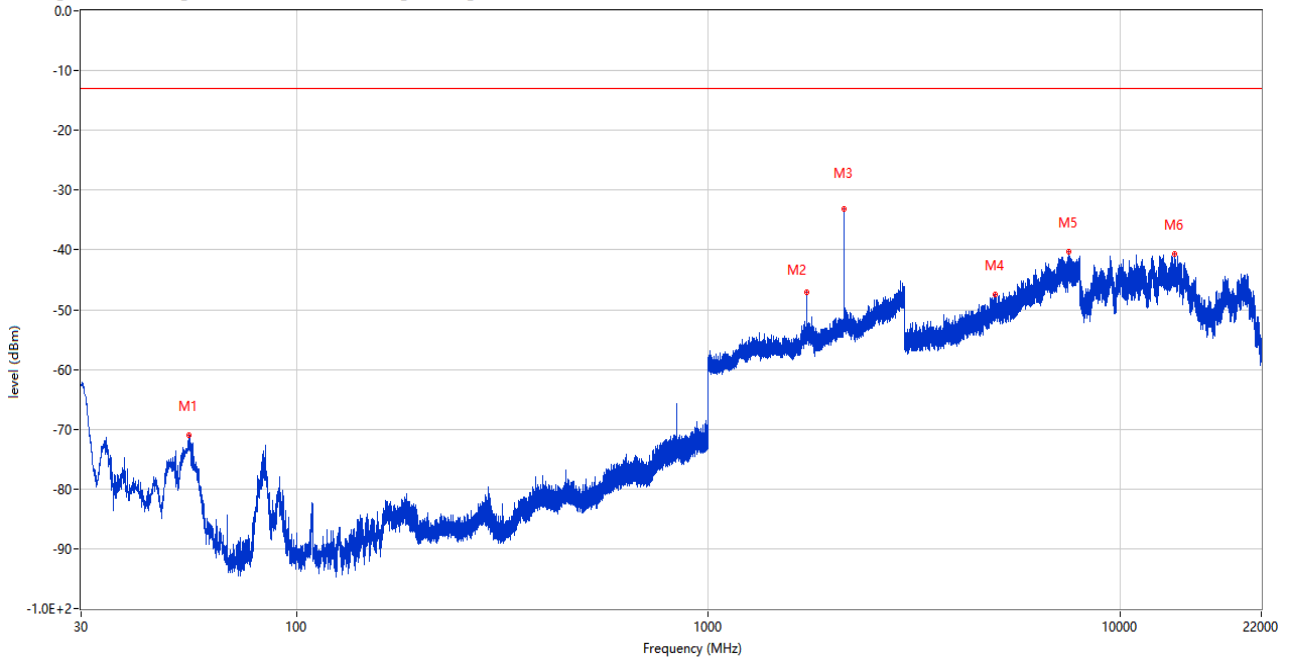
RSE (RF) \_FCC PART22&24&27\_WCDMA Band 4 & LTE Band 4 & 66 \_1710-1785\_30MHz-20GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
82.234	-74.07	-20.05	-13.0	61.07	150.00	Vertical	Vertical	Pass
1731.900	-43.16	1.13	-13.0	30.16	320.00	Vertical	Vertical	N/A
2134.500	-32.64	2.72	-13.0	19.64	330.00	Vertical	Vertical	N/A
5146.250	-47.18	9.08	-13.0	34.18	0.00	Vertical	Vertical	Pass
7280.750	-39.27	13.67	-13.0	26.27	0.00	Vertical	Vertical	Pass
12478.537	-39.99	14.33	-13.0	26.99	111.00	Vertical	Vertical	Pass

BAND:WCDMA B4,Channel:MID range

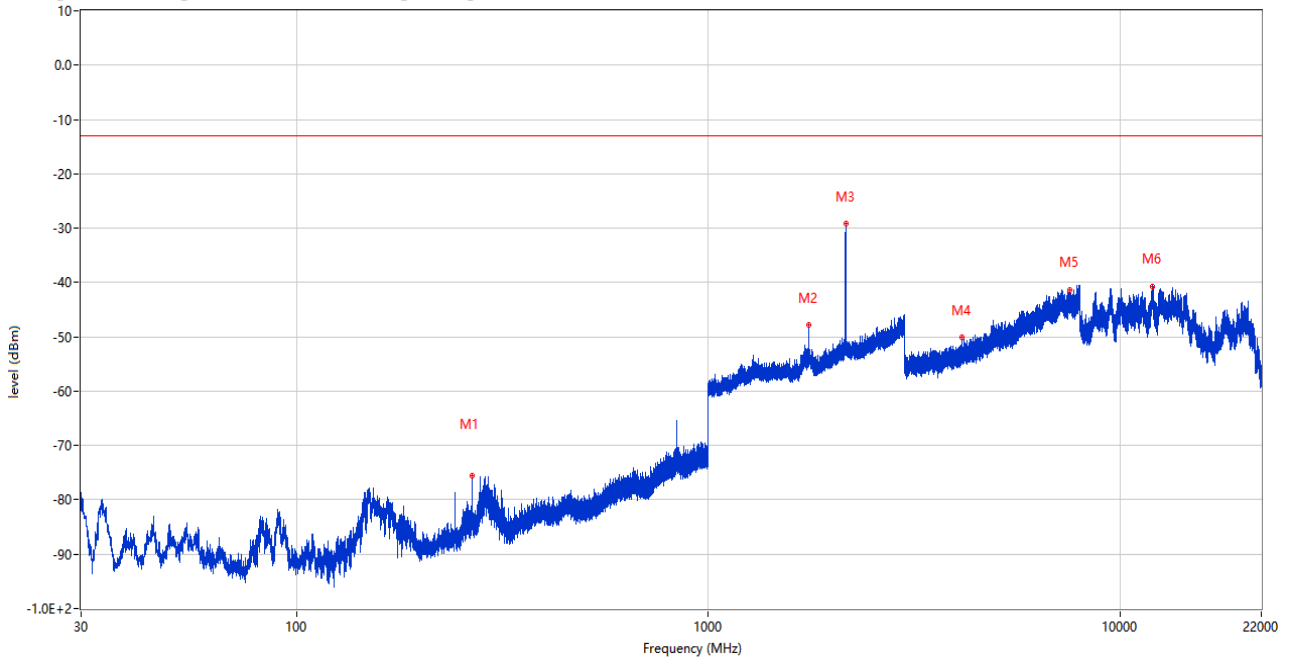
RSE (RF) \_FCC PART22&24&27\_WCDMA Band 4 & LTE Band 4 & 66 \_1710-1785\_30MHz-20GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
54.687	-71.00	-16.54	-13.0	58.00	360.00	Vertical	Horizontal	Pass
1732.100	-47.04	1.13	-13.0	34.04	129.00	Vertical	Horizontal	N/A
2132.700	-33.14	2.71	-13.0	20.14	343.00	Vertical	Horizontal	N/A
4980.750	-47.52	9.33	-13.0	34.52	360.00	Vertical	Horizontal	Pass
7505.500	-40.34	13.58	-13.0	27.34	341.00	Vertical	Horizontal	Pass
13559.838	-40.71	16.48	-13.0	27.71	360.00	Vertical	Horizontal	Pass

BAND:WCDMA B4,Channel:HIGH range

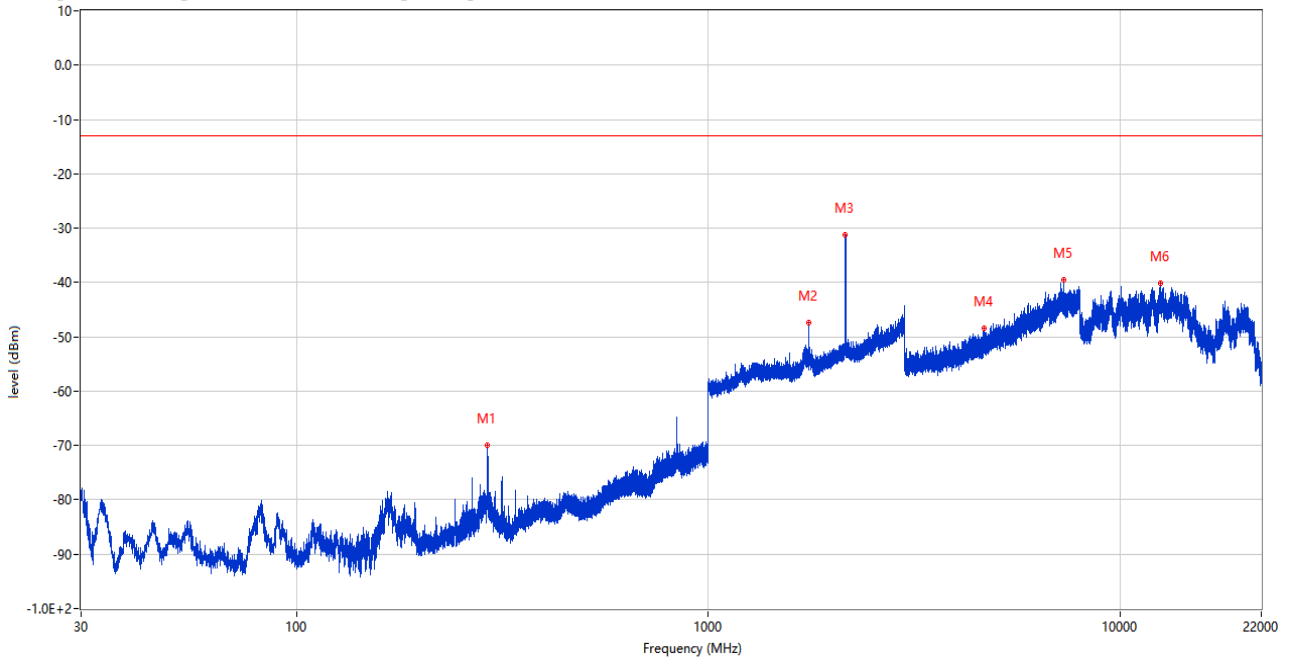
RSE (RF) \_FCC PART22&24&27\_WCDMA Band 4 & LTE Band 4 & 66 \_1710-1785\_30MHz-20GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
267.165	-75.46	-14.36	-13.0	62.46	238.00	Horizontal	Horizontal	Pass
1752.600	-47.81	0.97	-13.0	34.81	219.00	Horizontal	Horizontal	N/A
2154.500	-29.20	3.03	-13.0	16.20	240.00	Horizontal	Horizontal	N/A
4131.250	-50.00	6.59	-13.0	37.00	121.00	Horizontal	Horizontal	Pass
7528.000	-41.30	13.80	-13.0	28.30	360.00	Horizontal	Horizontal	Pass
11939.174	-40.65	13.95	-13.0	27.65	149.00	Horizontal	Horizontal	Pass

BAND:WCDMA B4,Channel:HIGH range

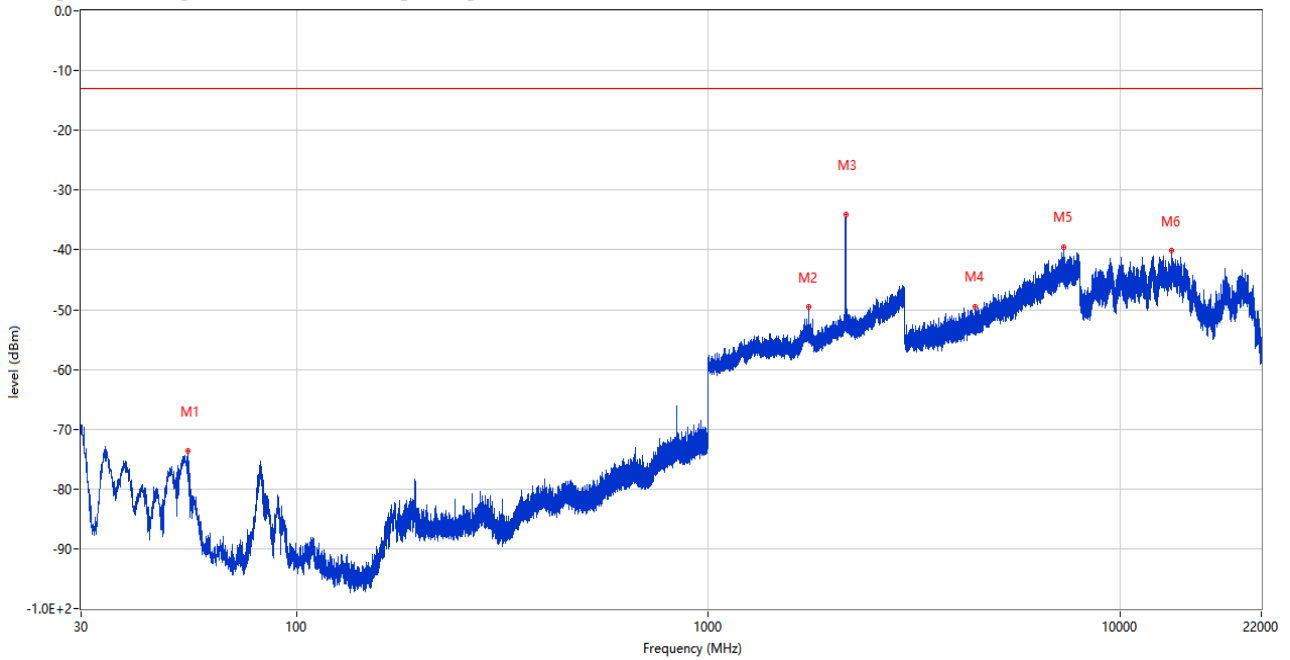
RSE (RF) \_FCC PART22&24&27\_WCDMA Band 4 & LTE Band 4 & 66 \_1710-1785\_30MHz-20GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
291.270	-69.92	-13.58	-13.0	56.92	121.00	Horizontal	Vertical	Pass
1752.800	-47.30	0.97	-13.0	34.30	323.00	Horizontal	Vertical	N/A
2152.900	-31.21	3.05	-13.0	18.21	214.00	Horizontal	Vertical	N/A
4672.500	-48.43	7.92	-13.0	35.43	163.00	Horizontal	Vertical	Pass
7281.000	-39.53	13.69	-13.0	26.53	96.00	Horizontal	Vertical	Pass
12495.638	-40.17	14.56	-13.0	27.17	21.00	Horizontal	Vertical	Pass

BAND:WCDMA B4,Channel:HIGH range

RSE (RF) \_FCC PART22&24&27\_WCDMA Band 4 & LTE Band 4 & 66 \_1710-1785\_30MHz-20GHz

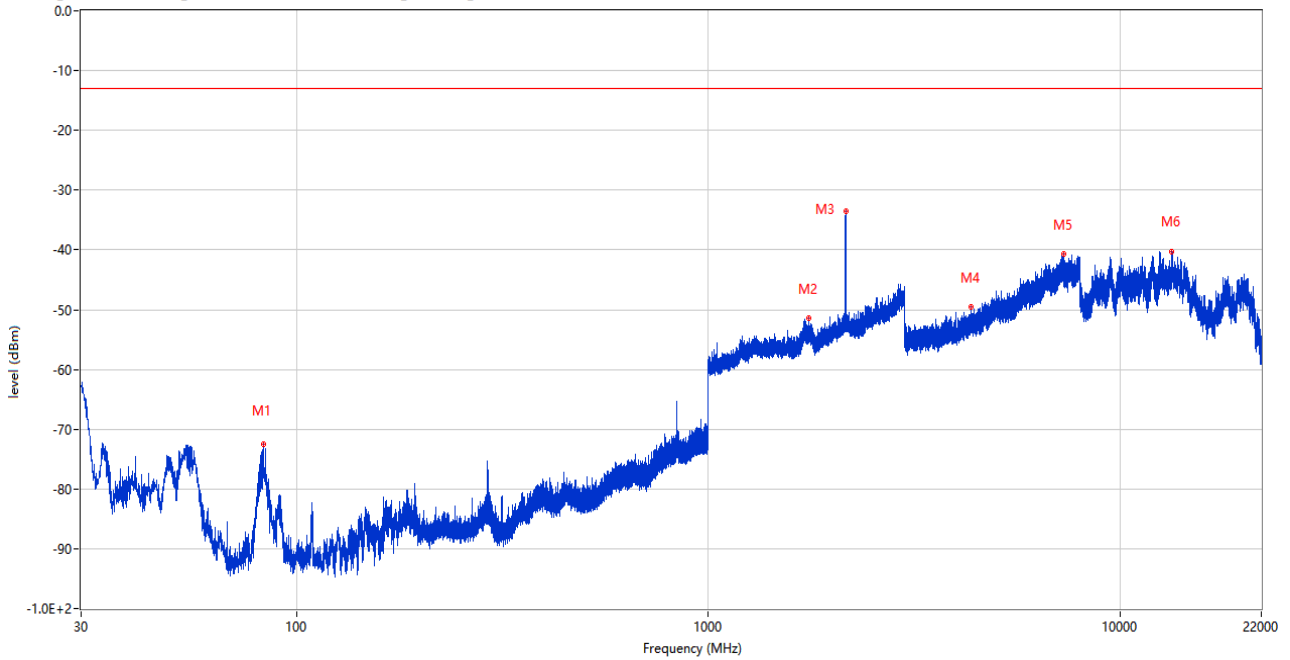


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
54.541	-73.59	-16.52	-13.0	60.59	278.00	Vertical	Vertical	Pass
1753.300	-49.50	0.96	-13.0	36.50	186.00	Vertical	Vertical	N/A
2153.400	-34.15	3.05	-13.0	21.15	340.00	Vertical	Vertical	N/A
4453.250	-49.53	7.41	-13.0	36.53	171.00	Vertical	Vertical	Pass
7279.500	-39.54	13.61	-13.0	26.54	87.00	Vertical	Vertical	Pass
13356.338	-40.18	16.76	-13.0	27.18	360.00	Vertical	Vertical	Pass



BAND:WCDMA B4,Channel:HIGH range

RSE (RF) \_FCC PART22&24&27\_WCDMA Band 4 & LTE Band 4 & 66 \_1710-1785\_30MHz-20GHz

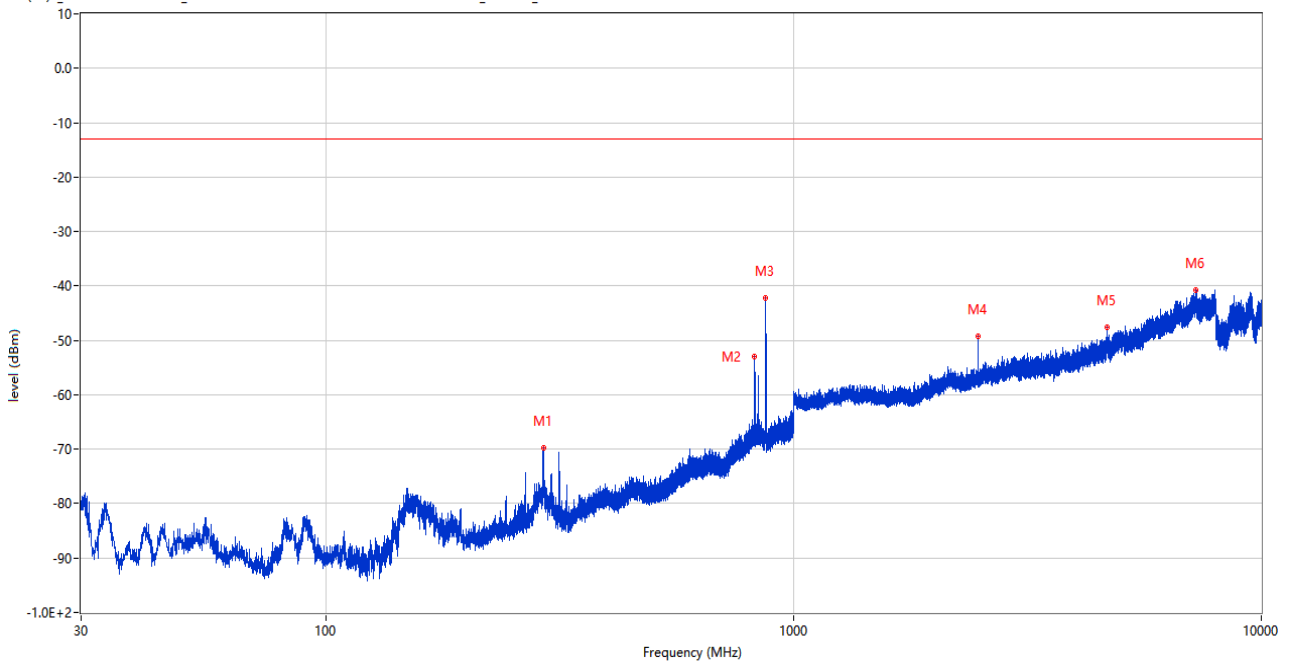


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
83.010	-72.52	-20.00	-13.0	59.52	147.00	Vertical	Horizontal	Pass
1753.100	-51.47	0.97	-13.0	38.47	122.00	Vertical	Horizontal	N/A
2153.300	-33.54	3.05	-13.0	20.54	338.00	Vertical	Horizontal	N/A
4345.500	-49.60	7.34	-13.0	36.60	292.00	Vertical	Horizontal	Pass
7280.000	-40.71	13.62	-13.0	27.71	138.00	Vertical	Horizontal	Pass
13354.951	-40.25	16.76	-13.0	27.25	0.00	Vertical	Horizontal	Pass

### 3.3 WCDMA Band 5

BAND:WCDMA B5,Channel:LOW range

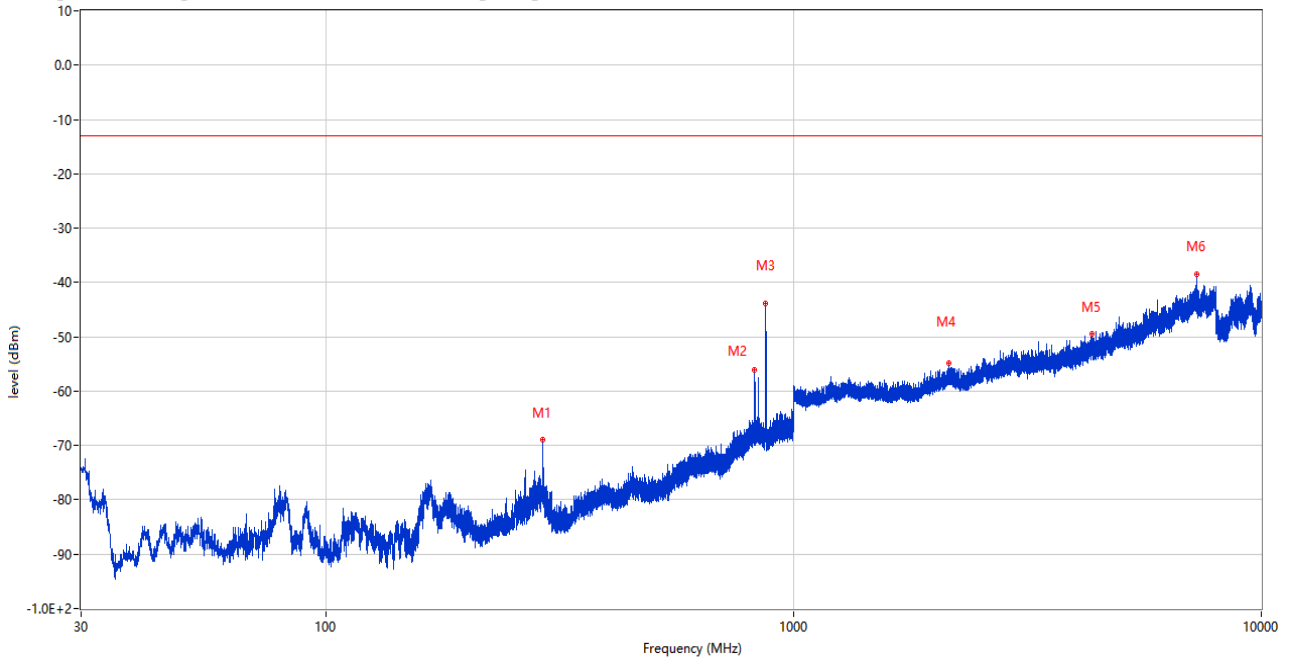
RSE (RF) \_FCC PART22&24&27\_CDMA BC0 & WCDMA Band5 & LTE Band 5 & 26\_814-849\_30MHz-10GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
291.706	-69.75	-10.80	-13.0	56.75	11.00	Horizontal	Horizontal	Pass
825.497	-53.01	5.24	-13.0	40.01	197.00	Horizontal	Horizontal	N/A
871.572	-42.14	4.20	-13.0	29.14	104.00	Horizontal	Horizontal	N/A
2483.900	-49.25	-1.21	-13.0	36.25	162.00	Horizontal	Horizontal	Pass
4672.750	-47.59	7.92	-13.0	34.59	7.00	Horizontal	Horizontal	Pass
7259.750	-40.82	14.55	-13.0	27.82	7.00	Horizontal	Horizontal	Pass

BAND:WCDMA B5,Channel:LOW range

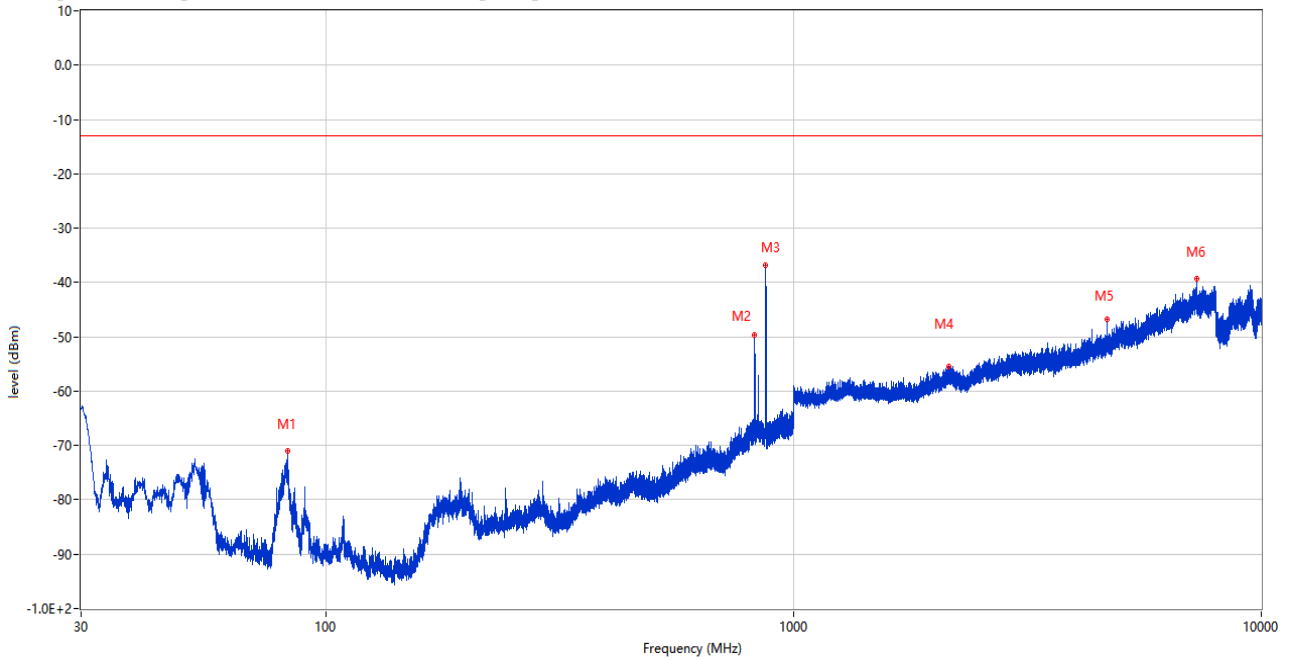
RSE (RF) \_FCC PART22&24&27\_CDMA BC0 & WCDMA Band5 & LTE Band 5 & 26 \_814-849\_30MHz-10GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
291.221	-68.98	-10.83	-13.0	55.98	128.00	Horizontal	Vertical	Pass
825.012	-56.12	5.22	-13.0	43.12	0.00	Horizontal	Vertical	N/A
871.815	-43.78	4.15	-13.0	30.78	109.00	Horizontal	Vertical	N/A
2146.000	-54.78	-2.16	-13.0	41.78	312.00	Horizontal	Vertical	Pass
4353.000	-49.43	7.24	-13.0	36.43	315.00	Horizontal	Vertical	Pass
7280.750	-38.39	13.67	-13.0	25.39	0.00	Horizontal	Vertical	Pass

BAND:WCDMA B5,Channel:LOW range

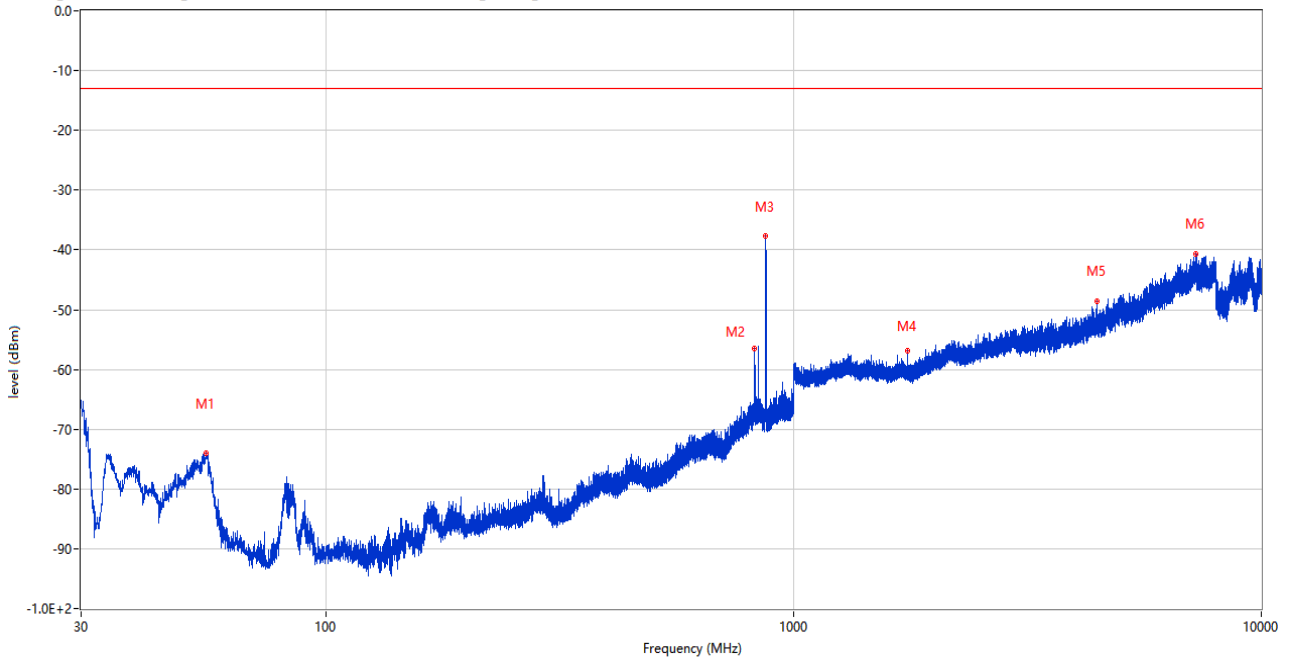
RSE (RF) \_FCC PART22&24&27\_CDMA BC0 & WCDMA Band5 & LTE Band 5 & 26 \_814-849\_30MHz-10GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
82.768	-71.06	-18.80	-13.0	58.06	122.00	Vertical	Vertical	Pass
825.836	-49.73	5.26	-13.0	36.73	56.00	Vertical	Vertical	N/A
871.281	-36.84	4.24	-13.0	23.84	0.00	Vertical	Vertical	N/A
2152.600	-55.55	-1.89	-13.0	42.55	239.00	Vertical	Vertical	Pass
4678.750	-46.69	7.81	-13.0	33.69	0.00	Vertical	Vertical	Pass
7280.000	-39.37	13.62	-13.0	26.37	0.00	Vertical	Vertical	Pass

BAND:WCDMA B5,Channel:LOW range

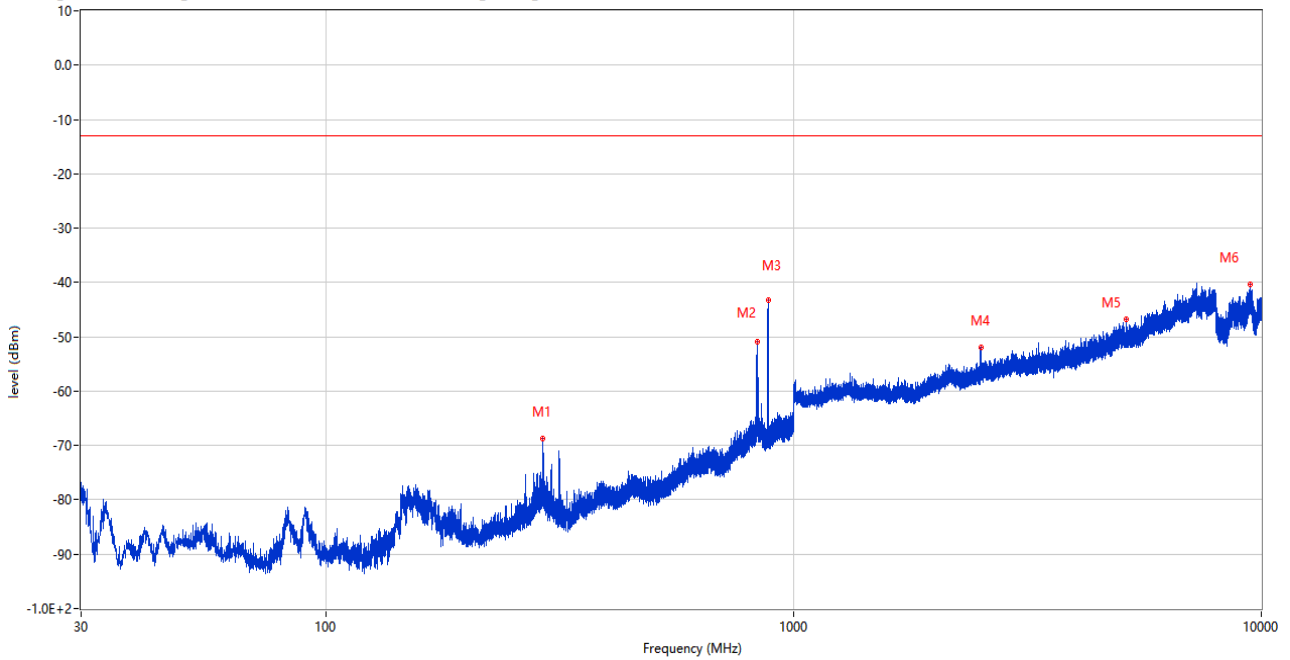
RSE (RF) \_FCC PART22&24&27\_CDMA BC0 & WCDMA Band5 & LTE Band 5 & 26 \_814-849\_30MHz-10GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
55.462	-73.99	-15.98	-13.0	60.99	276.00	Vertical	Horizontal	Pass
825.255	-56.56	5.23	-13.0	43.56	200.00	Vertical	Horizontal	N/A
870.117	-37.71	4.17	-13.0	24.71	0.00	Vertical	Horizontal	N/A
1752.500	-56.85	-6.04	-13.0	43.85	52.00	Vertical	Horizontal	Pass
4452.000	-48.55	7.41	-13.0	35.55	269.00	Vertical	Horizontal	Pass
7234.750	-40.64	14.78	-13.0	27.64	62.00	Vertical	Horizontal	Pass

BAND:WCDMA B5,Channel:MID range

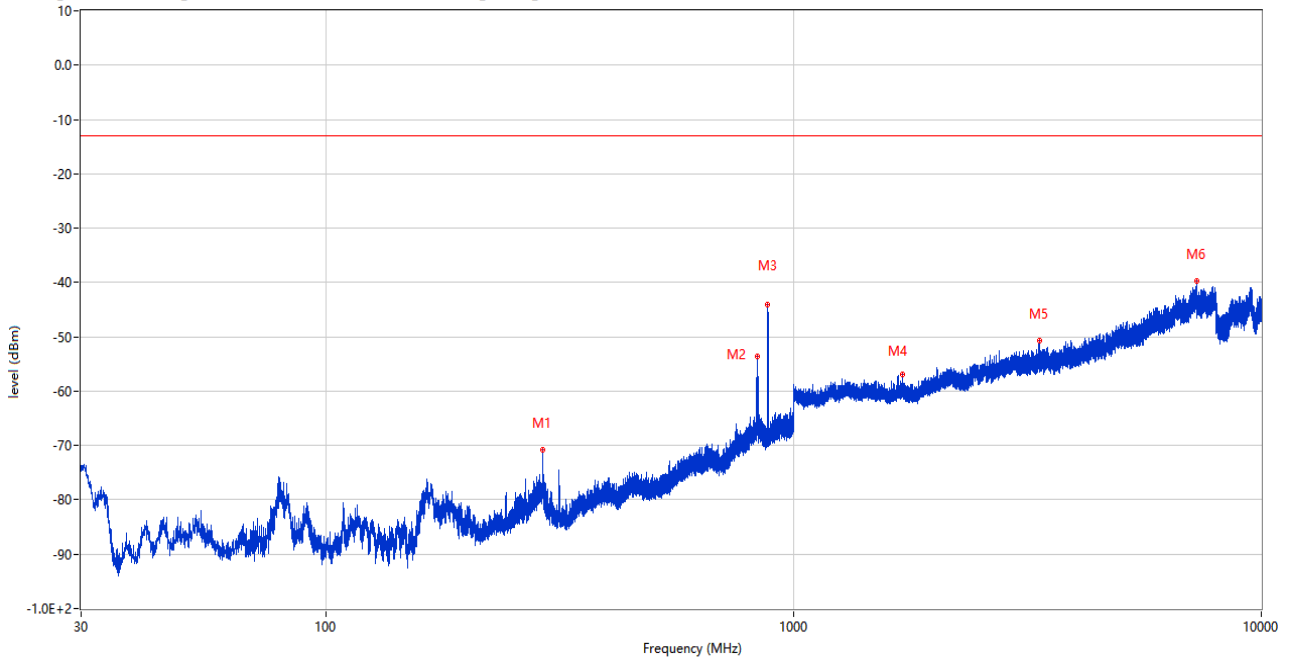
RSE (RF) \_FCC PART22&24&27\_CDMA BC0 & WCDMA Band5 & LTE Band 5 & 26\_814-849\_30MHz-10GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
291.366	-68.70	-10.81	-13.0	55.70	23.00	Horizontal	Horizontal	Pass
836.506	-50.83	5.70	-13.0	37.83	35.00	Horizontal	Horizontal	N/A
882.048	-43.28	4.09	-13.0	30.28	102.00	Horizontal	Horizontal	N/A
2513.900	-52.00	-1.08	-13.0	39.00	242.00	Horizontal	Horizontal	Pass
5141.500	-46.73	9.04	-13.0	33.73	170.00	Horizontal	Horizontal	Pass
9457.800	-40.38	13.61	-13.0	27.38	235.00	Horizontal	Horizontal	Pass

BAND:WCDMA B5,Channel:MID range

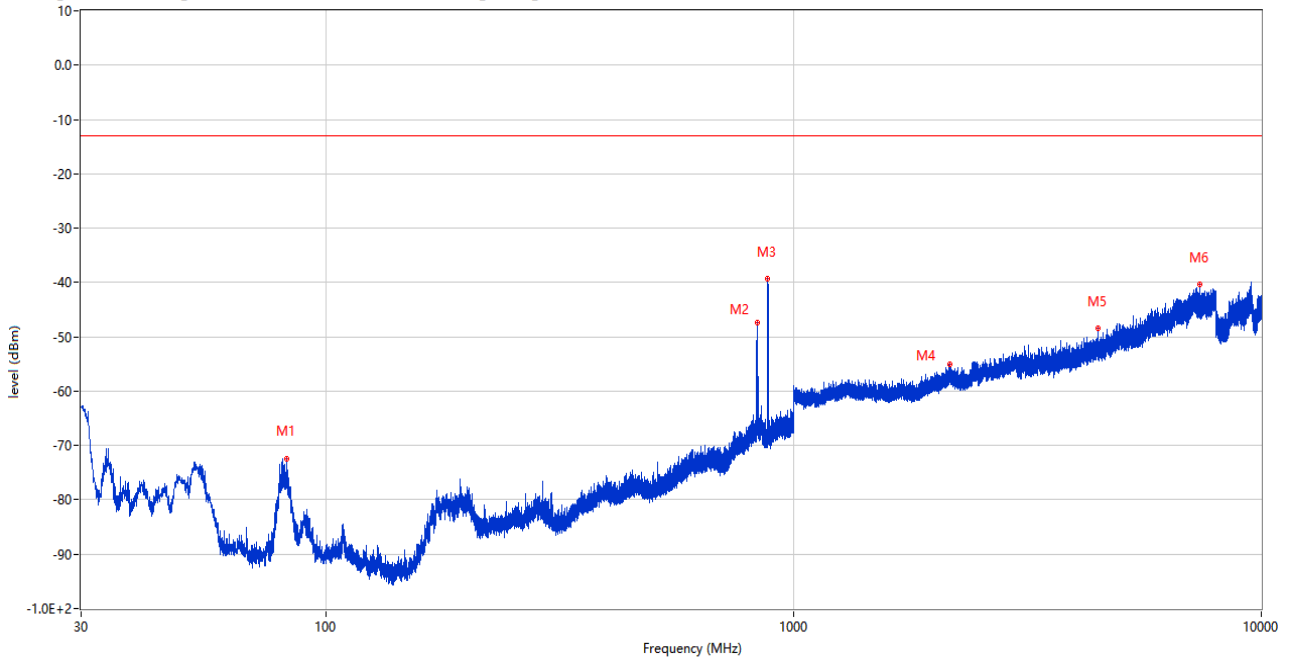
RSE (RF) \_FCC PART22&24&27\_CDMA BC0 & WCDMA Band5 & LTE Band 5 & 26\_814-849\_30MHz-10GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
291.463	-70.78	-10.81	-13.0	57.78	150.00	Horizontal	Vertical	Pass
835.488	-53.51	5.66	-13.0	40.51	143.00	Horizontal	Vertical	N/A
879.962	-44.12	3.94	-13.0	31.12	110.00	Horizontal	Vertical	N/A
1706.700	-56.94	-5.05	-13.0	43.94	360.00	Horizontal	Vertical	Pass
3350.500	-50.69	4.44	-13.0	37.69	229.00	Horizontal	Vertical	Pass
7278.500	-39.77	13.68	-13.0	26.77	0.00	Horizontal	Vertical	Pass

BAND:WCDMA B5,Channel:MID range

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

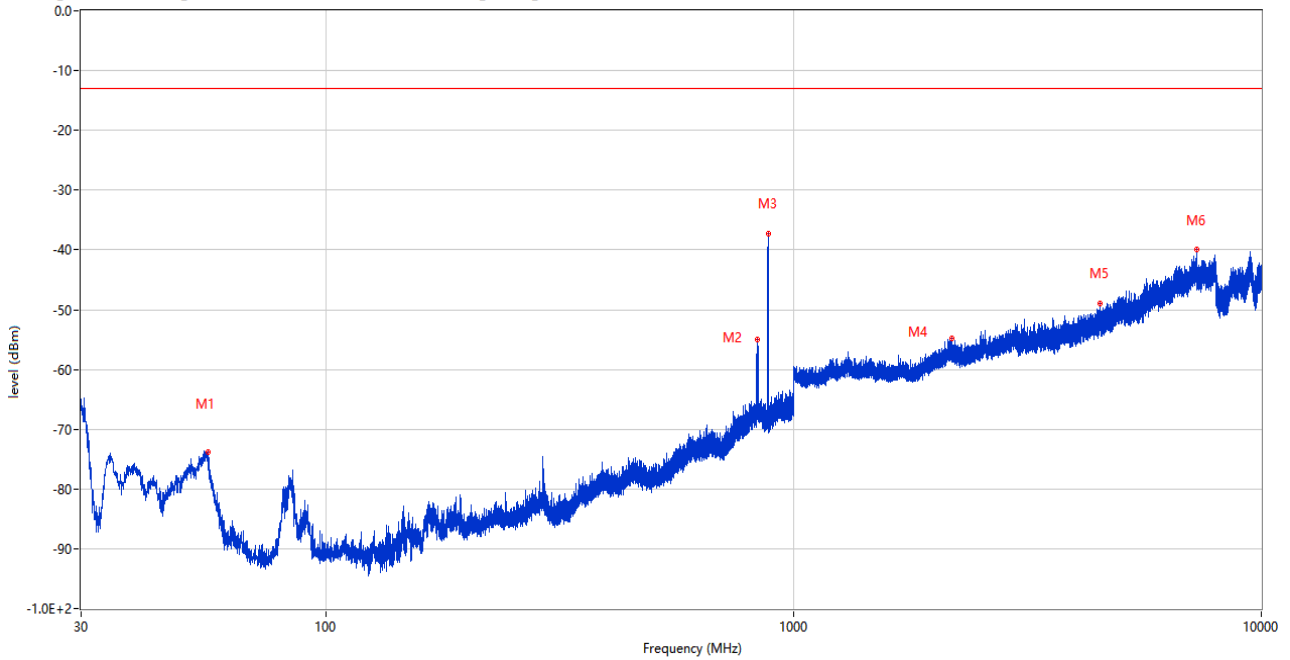


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
82.477	-72.35	-18.78	-13.0	59.35	152.00	Vertical	Vertical	Pass
836.506	-47.43	5.70	-13.0	34.43	28.00	Vertical	Vertical	N/A
881.127	-39.26	4.03	-13.0	26.26	0.00	Vertical	Vertical	N/A
2157.600	-55.11	-2.06	-13.0	42.11	360.00	Vertical	Vertical	Pass
4468.250	-48.37	6.77	-13.0	35.37	236.00	Vertical	Vertical	Pass
7392.000	-40.43	13.90	-13.0	27.43	176.00	Vertical	Vertical	Pass



BAND:WCDMA B5,Channel:MID range

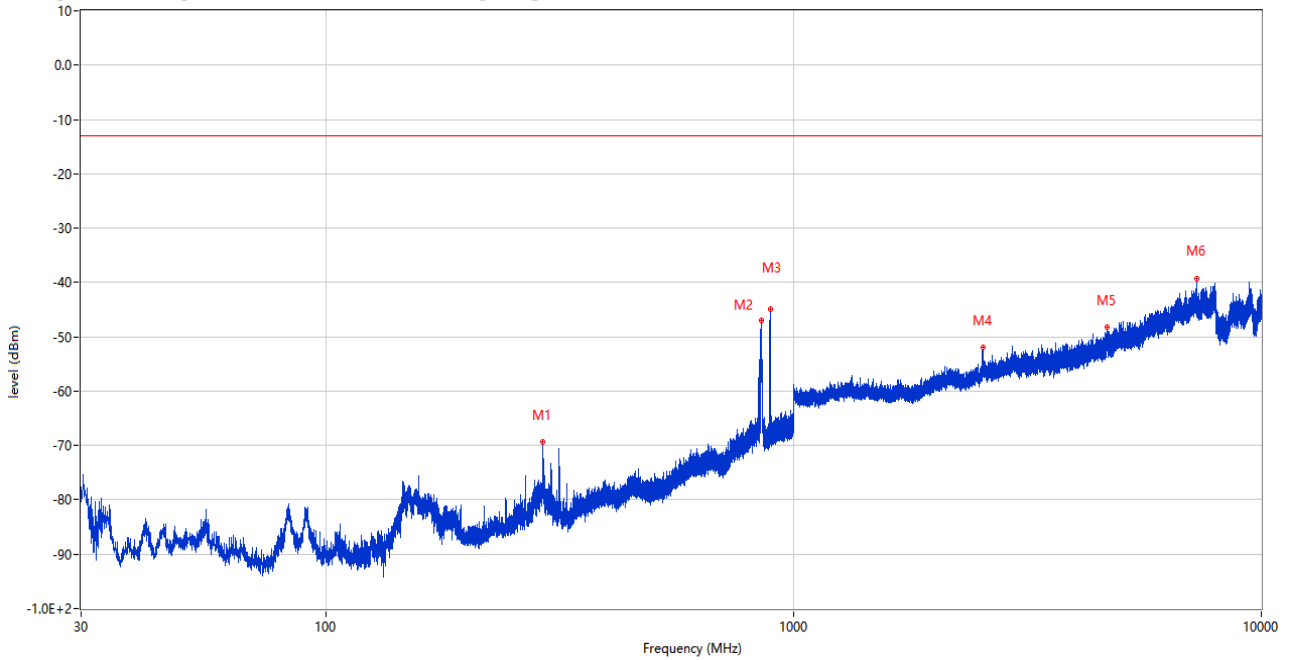
RSE (RF) \_FCC PART22&24&27\_CDMA BC0 & WCDMA Band5 & LTE Band 5 & 26\_814-849\_30MHz-10GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
56.093	-73.91	-16.11	-13.0	60.91	224.00	Vertical	Horizontal	Pass
837.282	-54.95	5.74	-13.0	41.95	211.00	Vertical	Horizontal	N/A
882.339	-37.27	4.13	-13.0	24.27	9.00	Vertical	Horizontal	N/A
2182.200	-54.73	-2.17	-13.0	41.73	249.00	Vertical	Horizontal	Pass
4511.500	-49.03	7.85	-13.0	36.03	340.00	Vertical	Horizontal	Pass
7278.500	-39.96	13.68	-13.0	26.96	82.00	Vertical	Horizontal	Pass

BAND:WCDMA B5,Channel:HIGH range

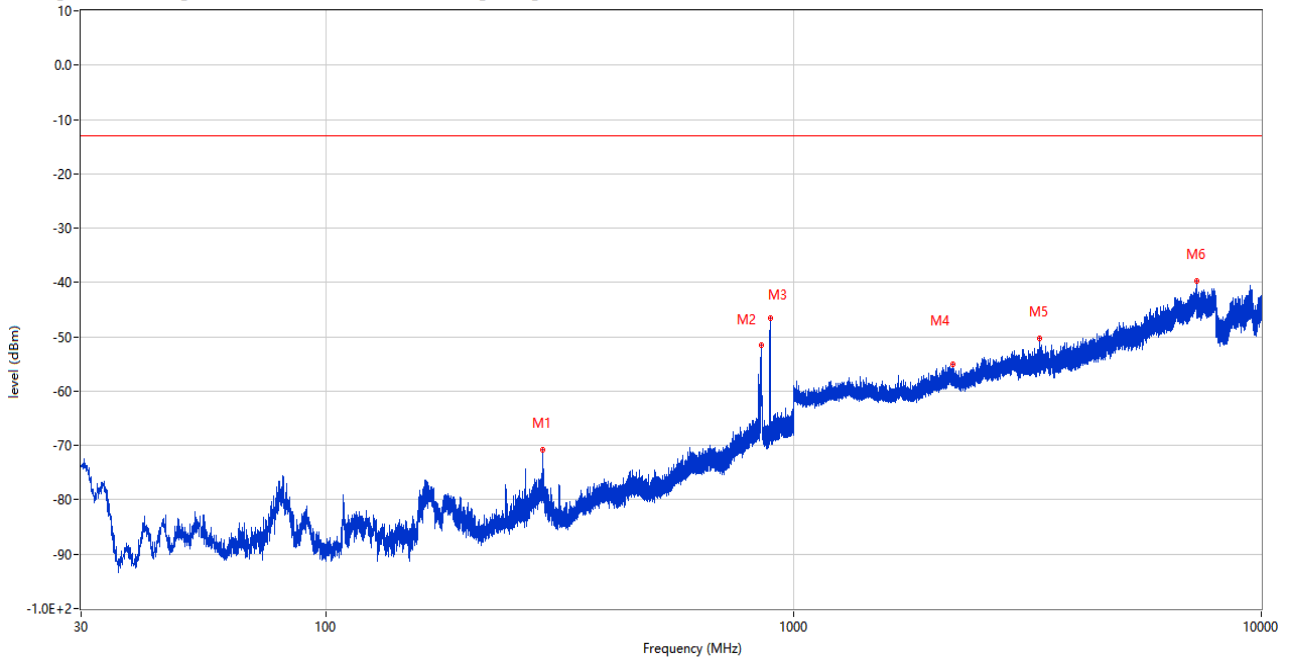
RSE (RF) \_FCC PART22&24&27\_CDMA BC0 & WCDMA Band5 & LTE Band 5 & 26\_814-849\_30MHz-10GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
291.270	-69.40	-10.82	-13.0	56.40	26.00	Horizontal	Horizontal	Pass
852.026	-47.04	5.43	-13.0	34.04	304.00	Horizontal	Horizontal	N/A
891.069	-44.98	4.48	-13.0	31.98	39.00	Horizontal	Horizontal	N/A
2538.800	-51.93	-0.36	-13.0	38.93	243.00	Horizontal	Horizontal	Pass
4684.750	-48.28	7.73	-13.0	35.28	226.00	Horizontal	Horizontal	Pass
7278.000	-39.21	13.68	-13.0	26.21	166.00	Horizontal	Horizontal	Pass

BAND:WCDMA B5,Channel:HIGH range

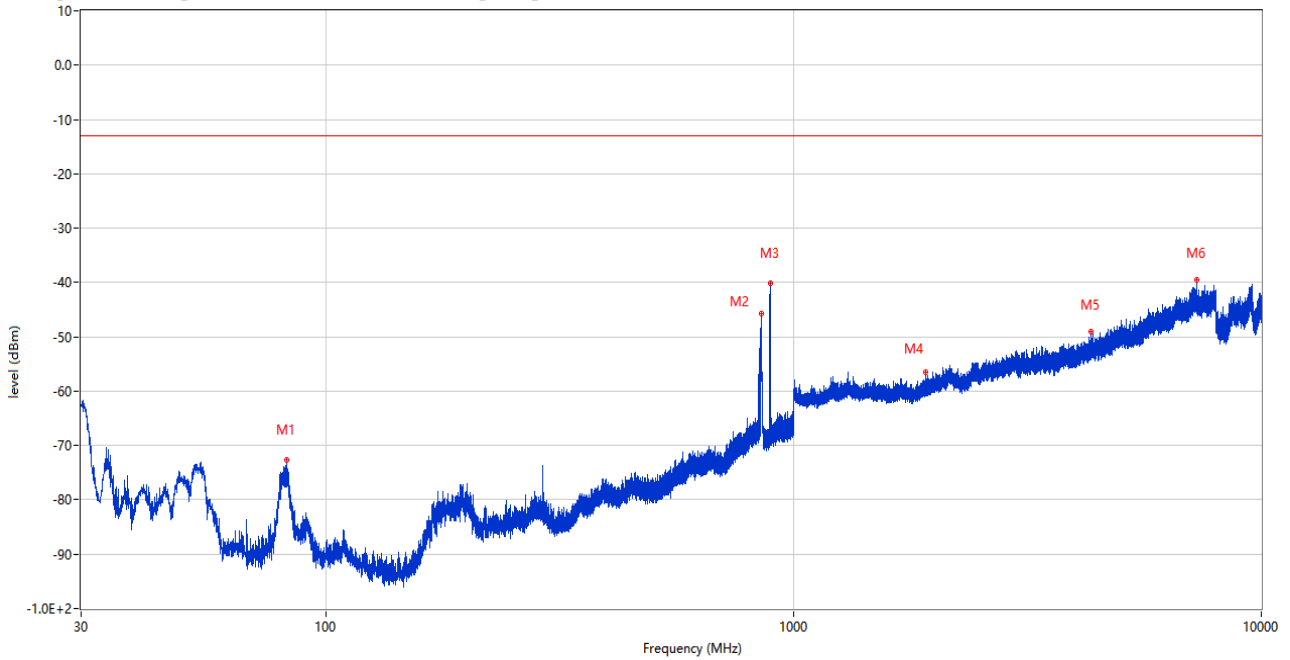
RSE (RF) \_FCC PART22&24&27\_CDMA BC0 & WCDMA Band5 & LTE Band 5 & 26 \_814-849\_30MHz-10GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
291.366	-70.77	-10.81	-13.0	57.77	120.00	Horizontal	Vertical	Pass
852.269	-51.50	5.42	-13.0	38.50	0.00	Horizontal	Vertical	N/A
891.748	-46.55	4.48	-13.0	33.55	27.00	Horizontal	Vertical	N/A
2192.600	-55.08	-2.27	-13.0	42.08	61.00	Horizontal	Vertical	Pass
3354.250	-50.33	4.66	-13.0	37.33	311.00	Horizontal	Vertical	Pass
7280.250	-39.71	13.62	-13.0	26.71	33.00	Horizontal	Vertical	Pass

BAND:WCDMA B5,Channel:HIGH range

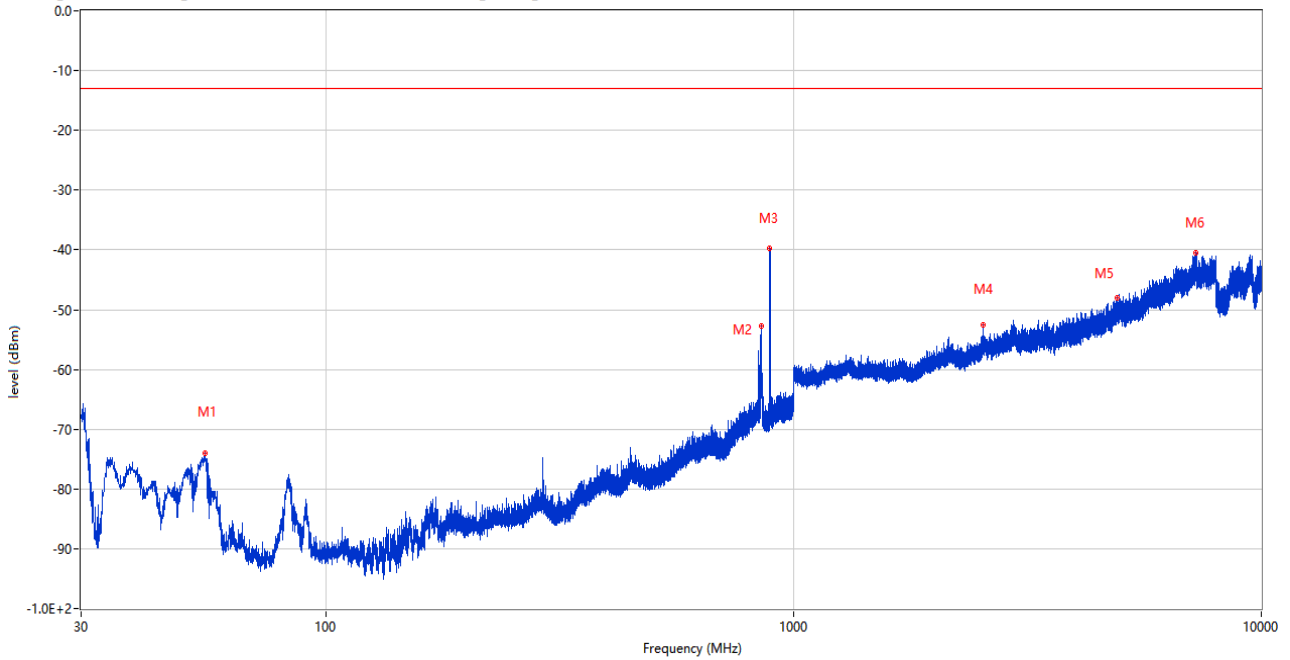
RSE (RF) \_FCC PART22&24&27\_CDMA BC0 & WCDMA Band5 & LTE Band 5 & 26 \_814-849\_30MHz-10GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
82.380	-72.67	-18.79	-13.0	59.67	174.00	Vertical	Vertical	Pass
852.075	-45.73	5.43	-13.0	32.73	29.00	Vertical	Vertical	N/A
892.233	-40.22	4.51	-13.0	27.22	259.00	Vertical	Vertical	N/A
1913.500	-56.50	-4.49	-13.0	43.50	293.00	Vertical	Vertical	Pass
4318.250	-49.07	6.90	-13.0	36.07	141.00	Vertical	Vertical	Pass
7277.000	-39.48	13.73	-13.0	26.48	86.00	Vertical	Vertical	Pass

BAND:WCDMA B5,Channel:HIGH range

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



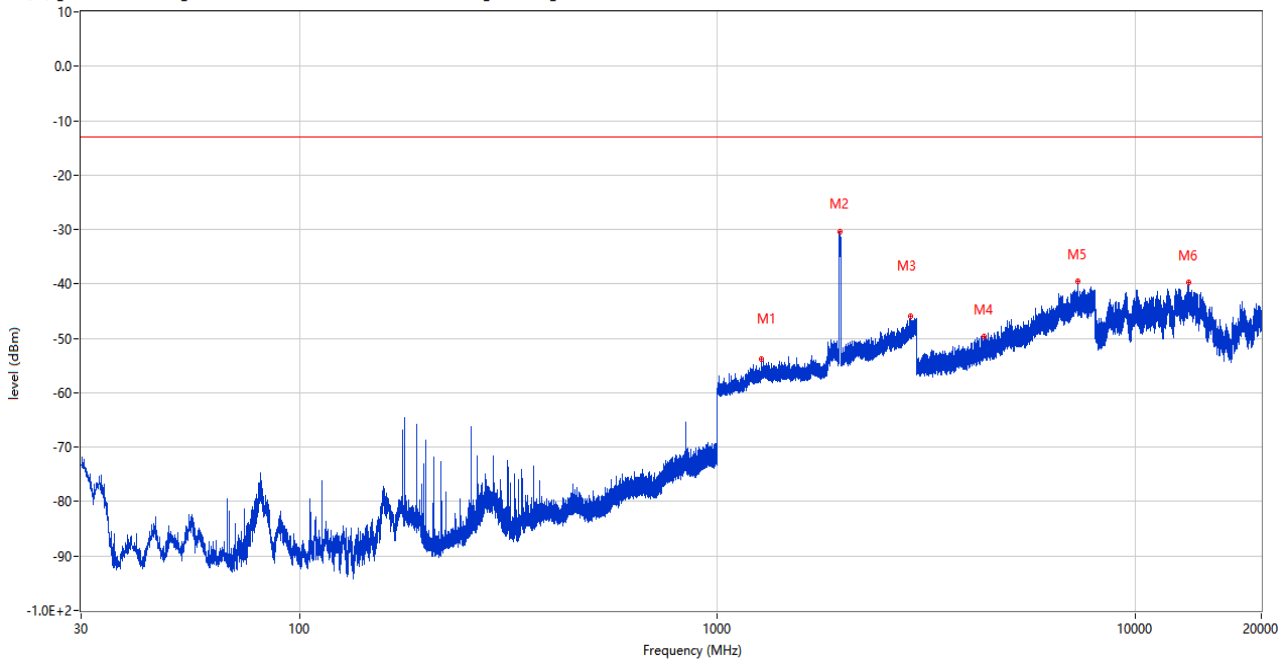
Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
55.172	-73.94	-15.90	-13.0	60.94	245.00	Vertical	Horizontal	Pass
852.366	-52.79	5.42	-13.0	39.79	212.00	Vertical	Horizontal	N/A
890.099	-39.69	4.53	-13.0	26.69	0.00	Vertical	Horizontal	N/A
2543.800	-52.52	-0.44	-13.0	39.52	126.00	Vertical	Horizontal	Pass
4920.000	-47.99	8.49	-13.0	34.99	193.00	Vertical	Horizontal	Pass
7257.250	-40.49	14.65	-13.0	27.49	21.00	Vertical	Horizontal	Pass

## 4. LTE

### 4.1 LTE Band 2

BAND:LTE B2,Channel:MID range,BW:20M

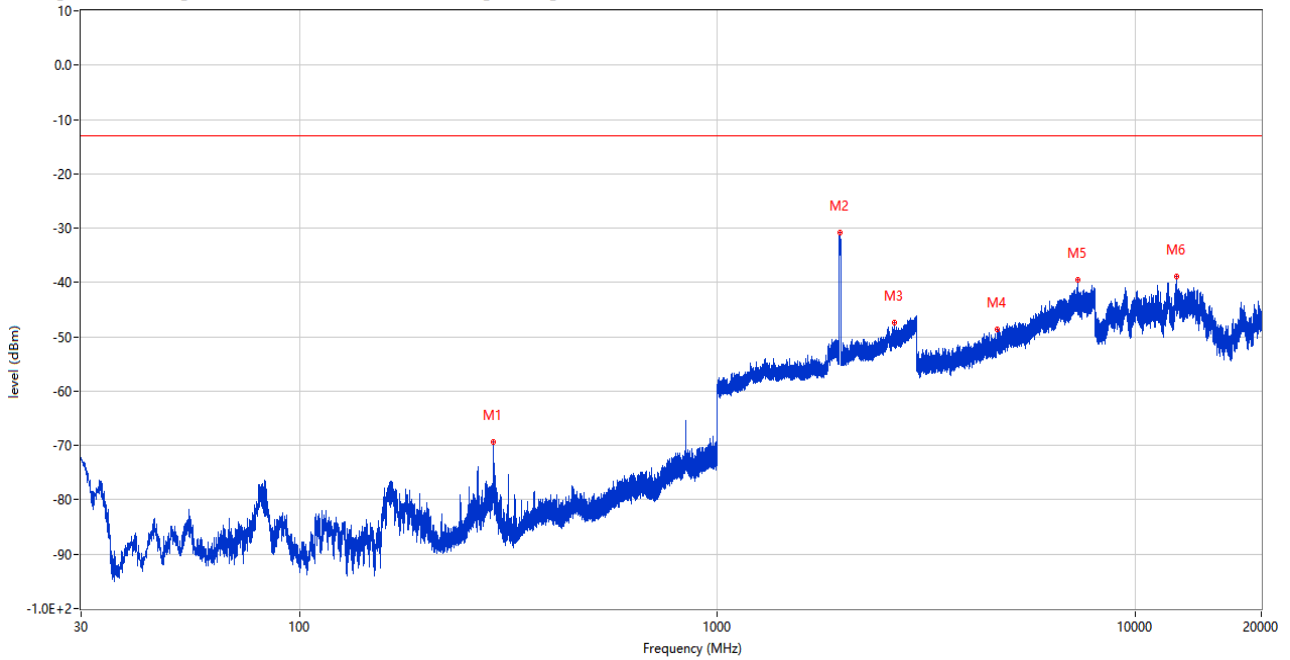
RSE (RF) \_FCC PART22&24&27\_CDMA BC1 & WCDMA Band 2 & LTE Band 2 & 25 \_1830-1920\_30MHz-20GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
1276.500	-53.84	-1.30	-13.0	40.84	0.00	Horizontal	Horizontal	Pass
1967.000	-30.31	1.09	-13.0	17.31	223.00	Horizontal	Horizontal	N/A
2888.100	-45.89	9.08	-13.0	32.89	51.00	Horizontal	Horizontal	Pass
4344.000	-49.64	7.26	-13.0	36.64	76.00	Horizontal	Horizontal	Pass
7279.500	-39.49	13.61	-13.0	26.49	28.00	Horizontal	Horizontal	Pass
13377.849	-39.70	16.72	-13.0	26.70	360.00	Horizontal	Horizontal	Pass

BAND:LTE B2,Channel:MID range,BW:20M

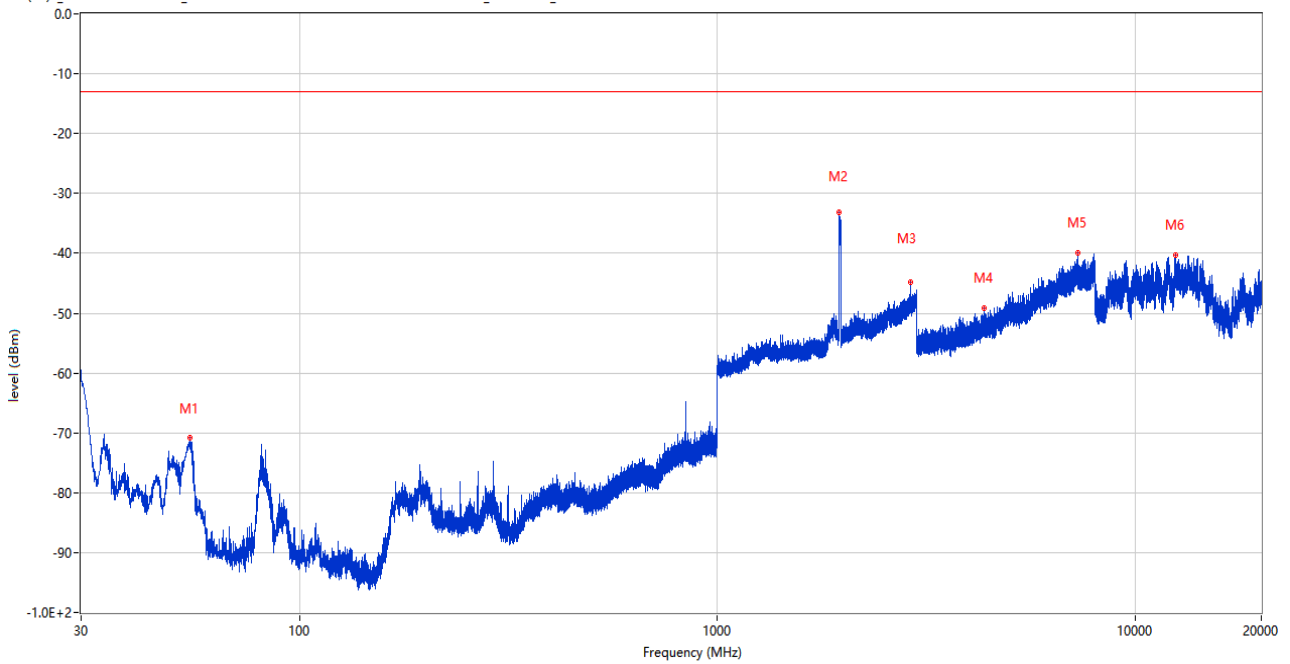
RSE (RF) \_FCC PART22&24&27\_CDMA BC1 & WCDMA Band 2 & LTE Band 2 & 25\_1830-1920\_30MHz-20GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
291.124	-69.30	-13.61	-13.0	56.30	150.00	Horizontal	Vertical	Pass
1962.800	-30.91	1.06	-13.0	17.91	226.00	Horizontal	Vertical	N/A
2648.600	-47.33	6.51	-13.0	34.33	345.00	Horizontal	Vertical	Pass
4667.500	-48.65	7.94	-13.0	35.65	211.00	Horizontal	Vertical	Pass
7280.750	-39.53	13.67	-13.0	26.53	1.00	Horizontal	Vertical	Pass
12513.212	-38.95	14.32	-13.0	25.95	313.00	Horizontal	Vertical	Pass

BAND:LTE B2,Channel:MID range,BW:20M

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

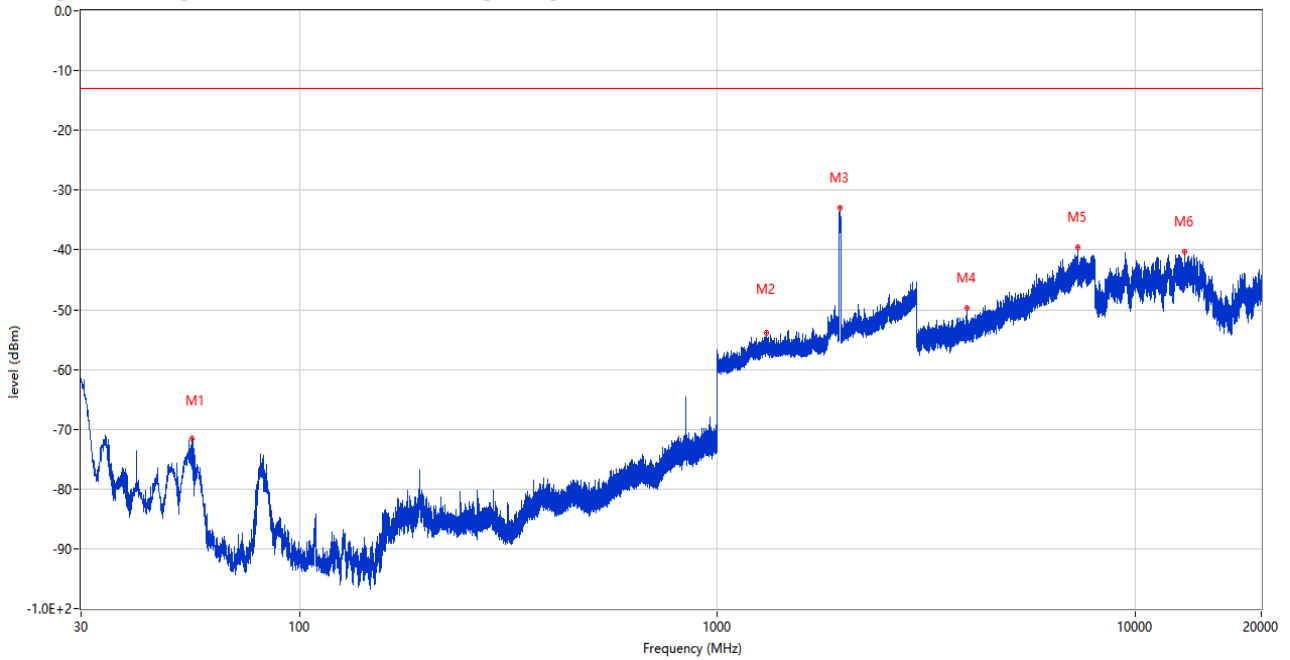


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
54.687	-70.76	-16.54	-13.0	57.76	271.00	Vertical	Vertical	Pass
1955.400	-33.23	1.30	-13.0	20.23	97.00	Vertical	Vertical	N/A
2892.600	-44.82	9.65	-13.0	31.82	18.00	Vertical	Vertical	Pass
4340.250	-49.08	7.14	-13.0	36.08	360.00	Vertical	Vertical	Pass
7280.250	-39.87	13.62	-13.0	26.87	73.00	Vertical	Vertical	Pass
12481.388	-40.23	14.37	-13.0	27.23	248.00	Vertical	Vertical	Pass



BAND:LTE B2,Channel:MID range,BW:20M

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

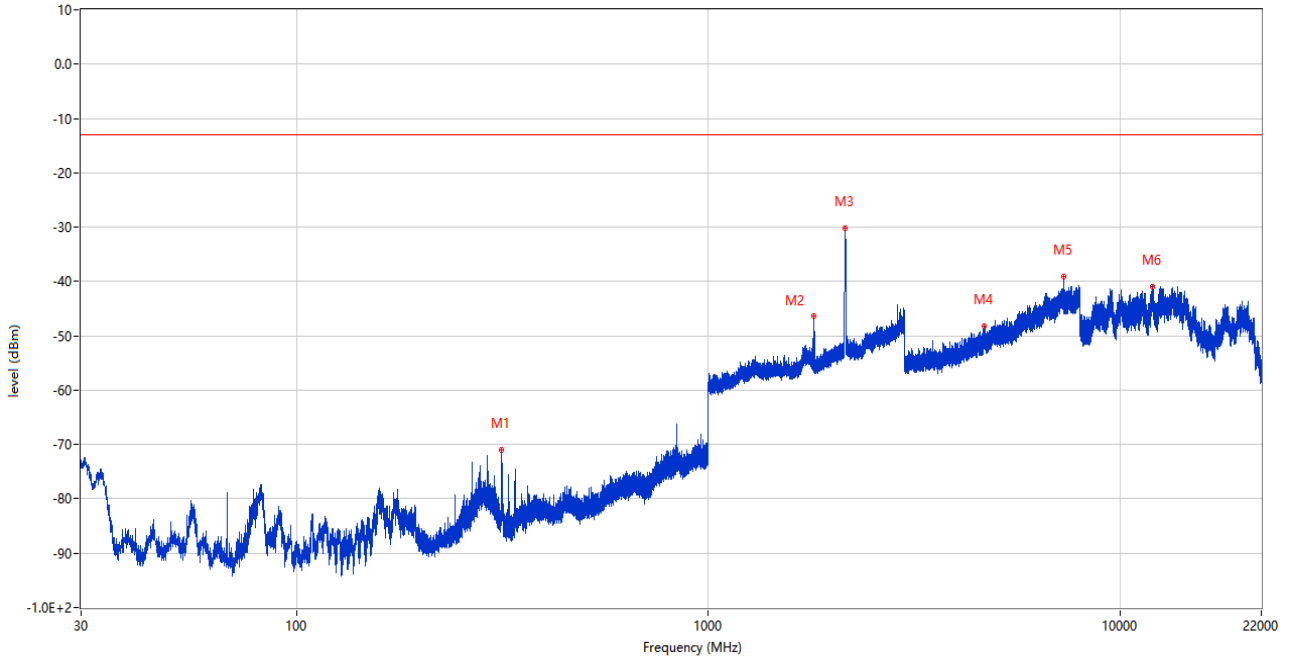


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
55.269	-71.62	-16.60	-13.0	58.62	297.00	Vertical	Horizontal	Pass
1306.000	-53.79	-0.87	-13.0	40.79	43.00	Vertical	Horizontal	Pass
1967.300	-32.89	1.05	-13.0	19.89	81.00	Vertical	Horizontal	N/A
3958.500	-49.69	6.30	-13.0	36.69	28.00	Vertical	Horizontal	Pass
7280.000	-39.48	13.62	-13.0	26.48	303.00	Vertical	Horizontal	Pass
13135.337	-40.30	15.23	-13.0	27.30	326.00	Vertical	Horizontal	Pass

## 4.2 LTE Band 4

BAND:LTE B4,Channel:HIGH range,BW:15M

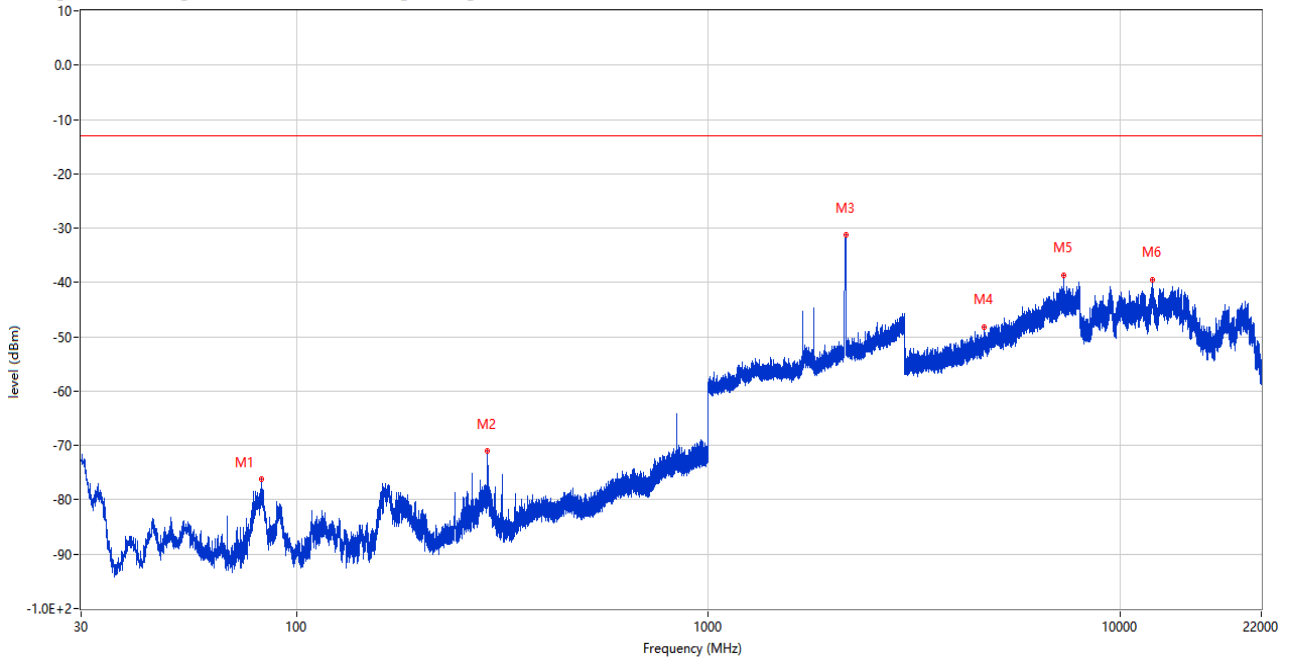
RSE (RF) \_FCC PART22&24&27\_WCDMA Band 4 & LTE Band 4 & 66 \_1710-1785\_30MHz-20GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
315.034	-71.05	-15.04	-13.0	58.05	89.00	Horizontal	Horizontal	Pass
1804.100	-46.44	-0.78	-13.0	33.44	3.00	Horizontal	Horizontal	Pass
2149.500	-30.14	3.02	-13.0	17.14	220.00	Horizontal	Horizontal	N/A
4671.750	-48.24	7.94	-13.0	35.24	0.00	Horizontal	Horizontal	Pass
7280.750	-39.19	13.67	-13.0	26.19	0.00	Horizontal	Horizontal	Pass
11962.450	-40.95	14.03	-13.0	27.95	228.00	Horizontal	Horizontal	Pass

BAND:LTE B4,Channel:HIGH range,BW:15M

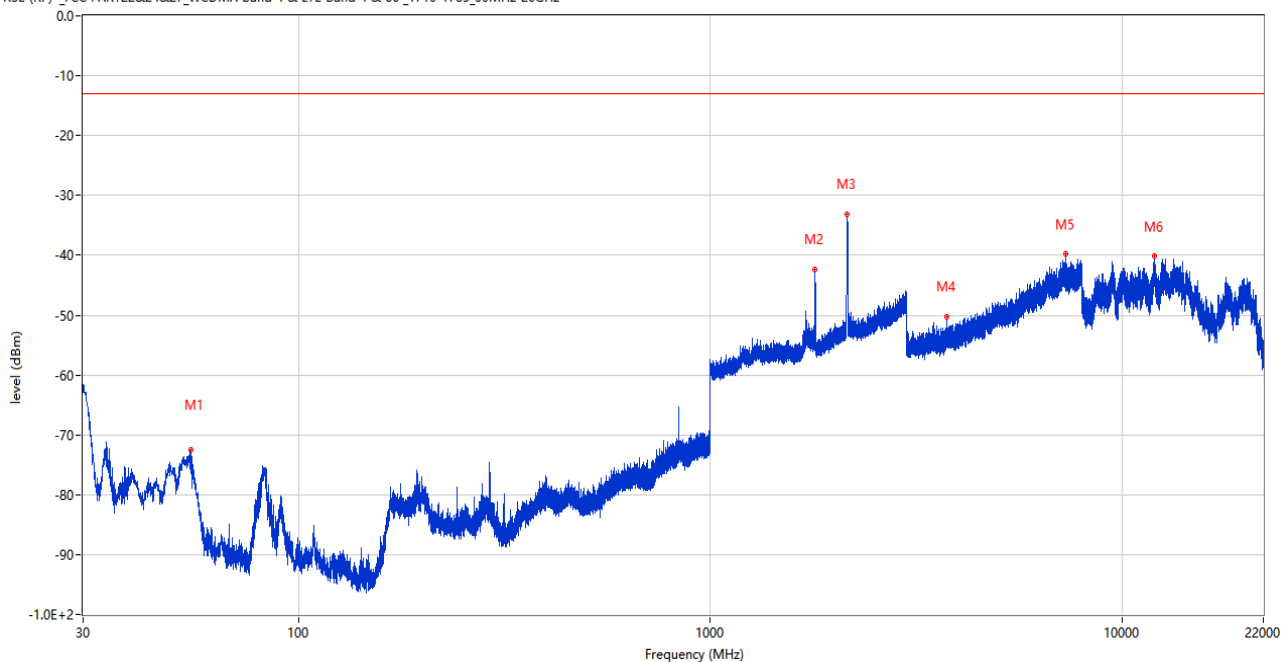
RSE (RF) \_FCC PART22&24&27\_WCDMA Band 4 & LTE Band 4 & 66 \_1710-1785\_30MHz-20GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
82.234	-76.25	-20.05	-13.0	63.25	210.00	Horizontal	Vertical	Pass
291.270	-71.07	-13.58	-13.0	58.07	108.00	Horizontal	Vertical	Pass
2153.300	-31.32	3.05	-13.0	18.32	239.00	Horizontal	Vertical	N/A
4671.000	-48.12	7.90	-13.0	35.12	48.00	Horizontal	Vertical	Pass
7279.500	-38.60	13.61	-13.0	25.60	360.00	Horizontal	Vertical	Pass
11979.550	-39.41	14.02	-13.0	26.41	103.00	Horizontal	Vertical	Pass

BAND:LTE B4,Channel:HIGH range,BW:15M

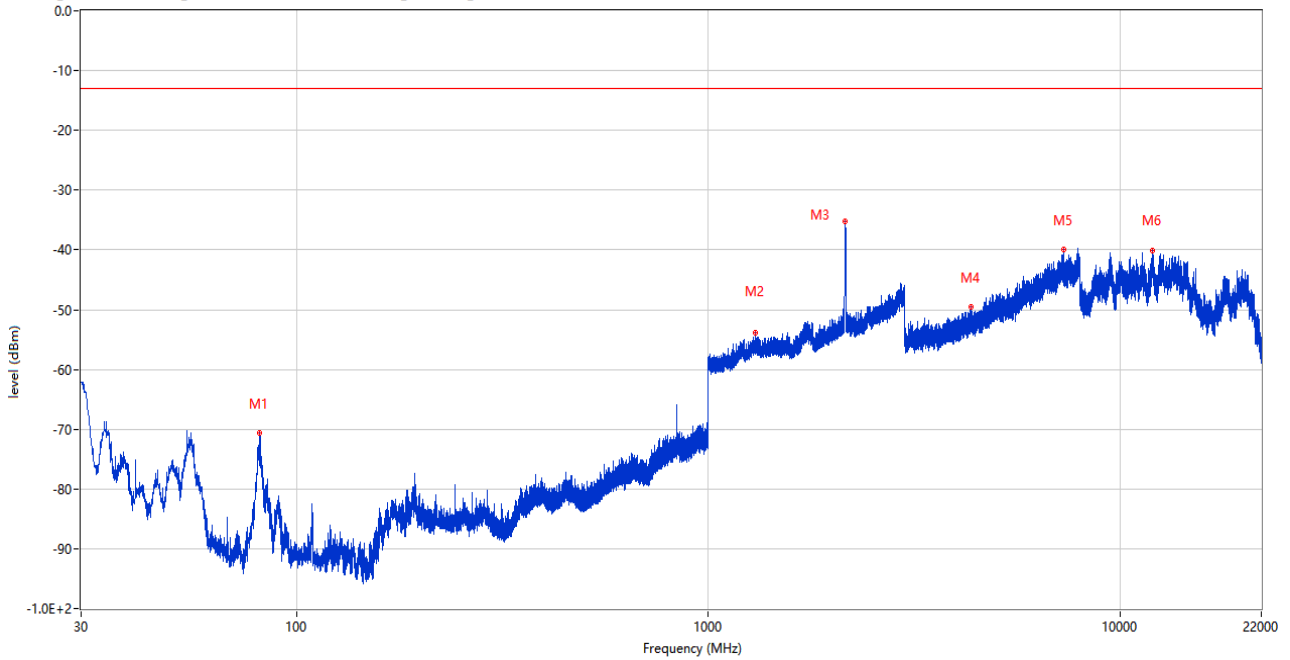
RSE (RF) \_FCC PART22&24&27\_WCDMA Band 4 & LTE Band 4 & 66 \_1710-1785\_30MHz-20GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
54.735	-72.56	-16.54	-13.0	59.56	287.00	Vertical	Vertical	Pass
1792.800	-42.36	0.43	-13.0	29.36	360.00	Vertical	Vertical	N/A
2142.500	-33.08	3.13	-13.0	20.08	214.00	Vertical	Vertical	N/A
3747.250	-50.20	5.01	-13.0	37.20	125.00	Vertical	Vertical	Pass
7281.750	-39.75	13.66	-13.0	26.75	125.00	Vertical	Vertical	Pass
11999.025	-40.16	14.01	-13.0	27.16	255.00	Vertical	Vertical	Pass

BAND:LTE B4,Channel:HIGH range,BW:15M

RSE (RF) \_FCC PART22&24&27\_WCDMA Band 4 & LTE Band 4 & 66 \_1710-1785\_30MHz-20GHz

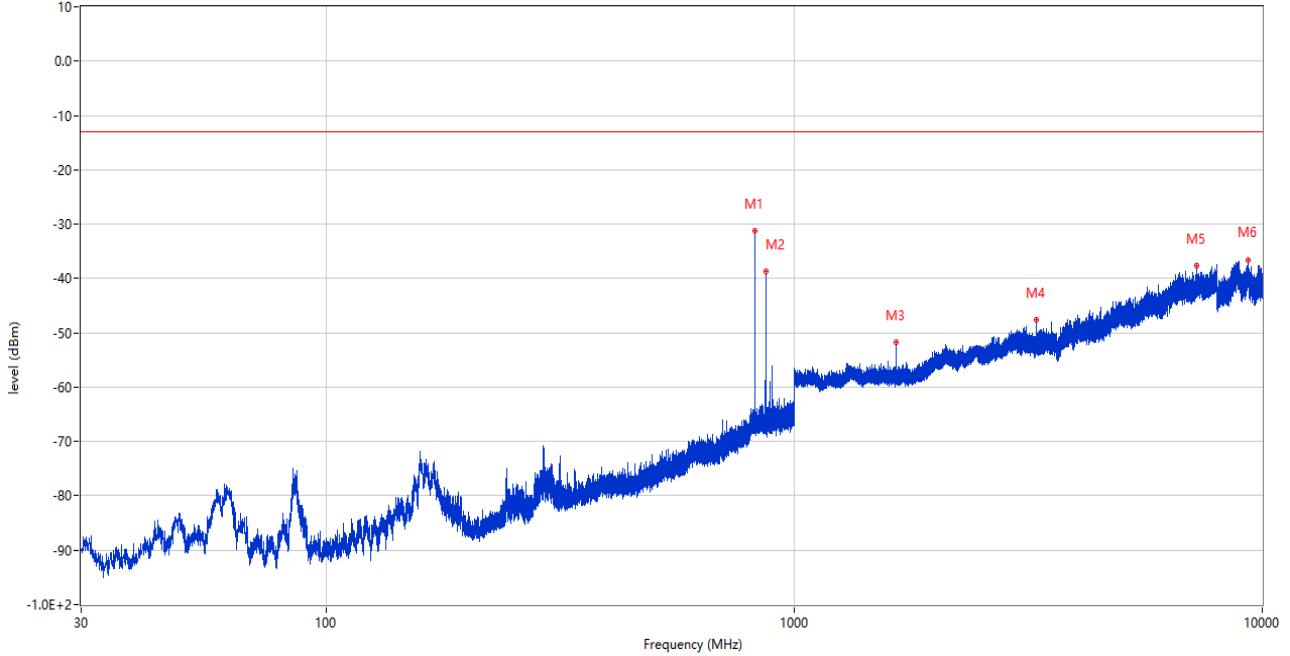


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
81.168	-70.67	-20.40	-13.0	57.67	184.00	Vertical	Horizontal	Pass
1298.600	-53.80	-1.04	-13.0	40.80	340.00	Vertical	Horizontal	Pass
2147.700	-35.16	3.05	-13.0	22.16	349.00	Vertical	Horizontal	N/A
4334.250	-49.55	7.03	-13.0	36.55	360.00	Vertical	Horizontal	Pass
7281.250	-39.97	13.70	-13.0	26.97	103.00	Vertical	Horizontal	Pass
11992.375	-40.11	14.01	-13.0	27.11	360.00	Vertical	Horizontal	Pass

### 4.3 LTE Band 5

BAND:LTE B5,Channel:LOW range,BW:1.4M

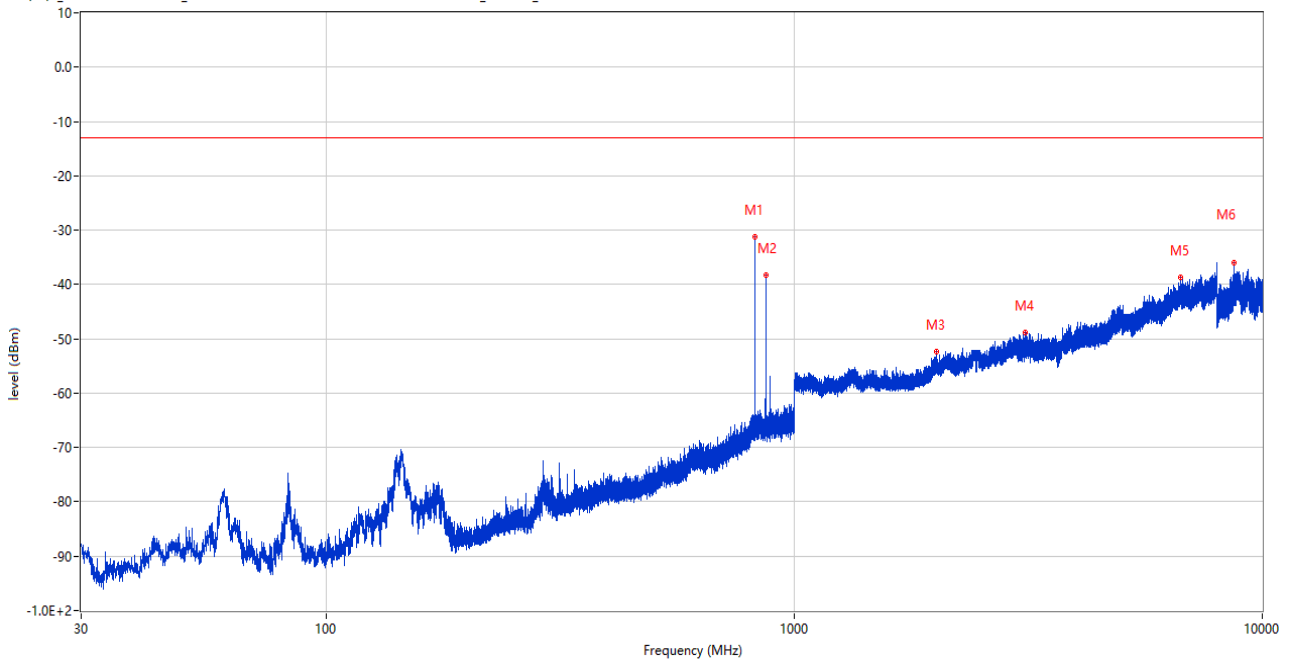
RSE (RF) \_FCC PART22&24&27\_CDMA BC0 & WCDMA Band5 & LTE Band 5 & 26\_814-849\_30MHz-10GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
824.188	-31.32	6.91	-13.0	18.32	1.00	Horizontal	Horizontal	N/A
869.487	-38.77	6.39	-13.0	25.77	111.00	Horizontal	Horizontal	N/A
1649.400	-51.70	-3.69	-13.0	38.70	52.00	Horizontal	Horizontal	Pass
3297.250	-47.67	6.65	-13.0	34.67	0.00	Horizontal	Horizontal	Pass
7239.500	-37.66	17.43	-13.0	24.66	302.00	Horizontal	Horizontal	Pass
9336.700	-36.52	19.30	-13.0	23.52	219.00	Horizontal	Horizontal	Pass

BAND:LTE B5,Channel:LOW range,BW:1.4M

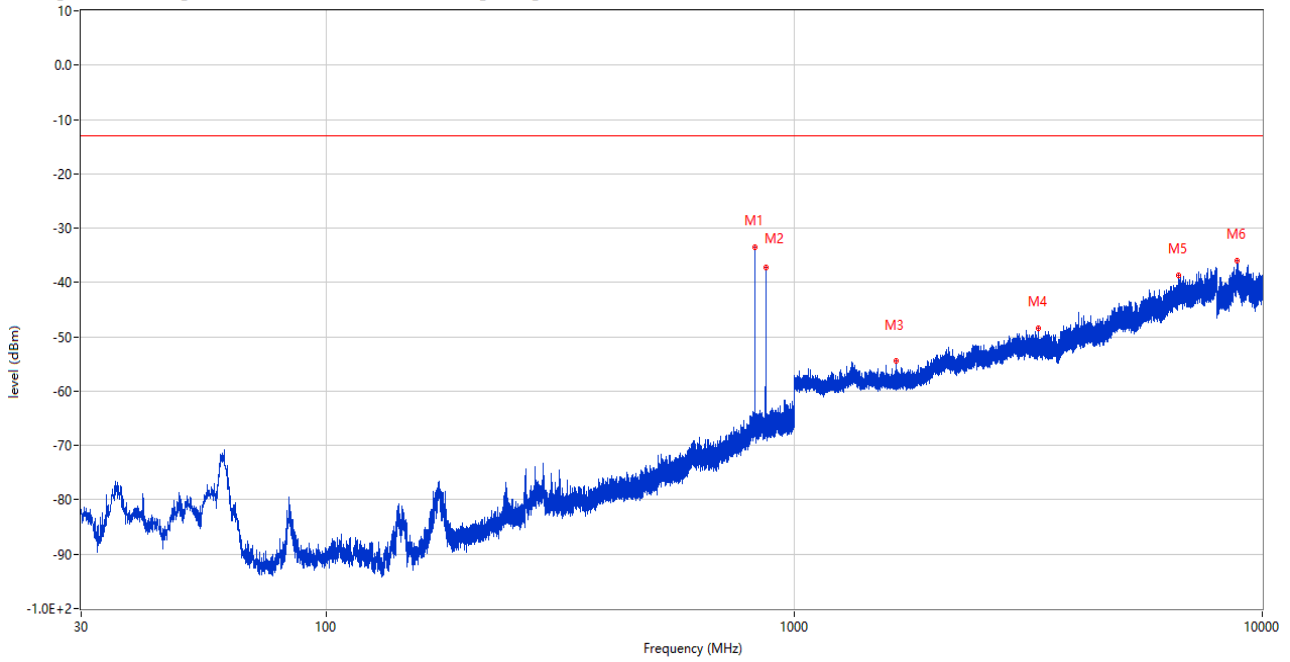
RSE (RF) \_FCC PART22&24&27\_CDMA BC0 & WCDMA Band5 & LTE Band 5 & 26 \_814-849\_30MHz-10GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
824.284	-31.24	6.91	-13.0	18.24	1.00	Horizontal	Vertical	N/A
870.020	-38.36	6.39	-13.0	25.36	96.00	Horizontal	Vertical	N/A
2009.600	-52.36	-1.01	-13.0	39.36	283.00	Horizontal	Vertical	Pass
3124.250	-48.77	6.76	-13.0	35.77	360.00	Horizontal	Vertical	Pass
6679.750	-38.58	16.91	-13.0	25.58	4.00	Horizontal	Vertical	Pass
8719.901	-35.97	19.19	-13.0	22.97	17.00	Horizontal	Vertical	Pass

BAND:LTE B5,Channel:LOW range,BW:1.4M

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

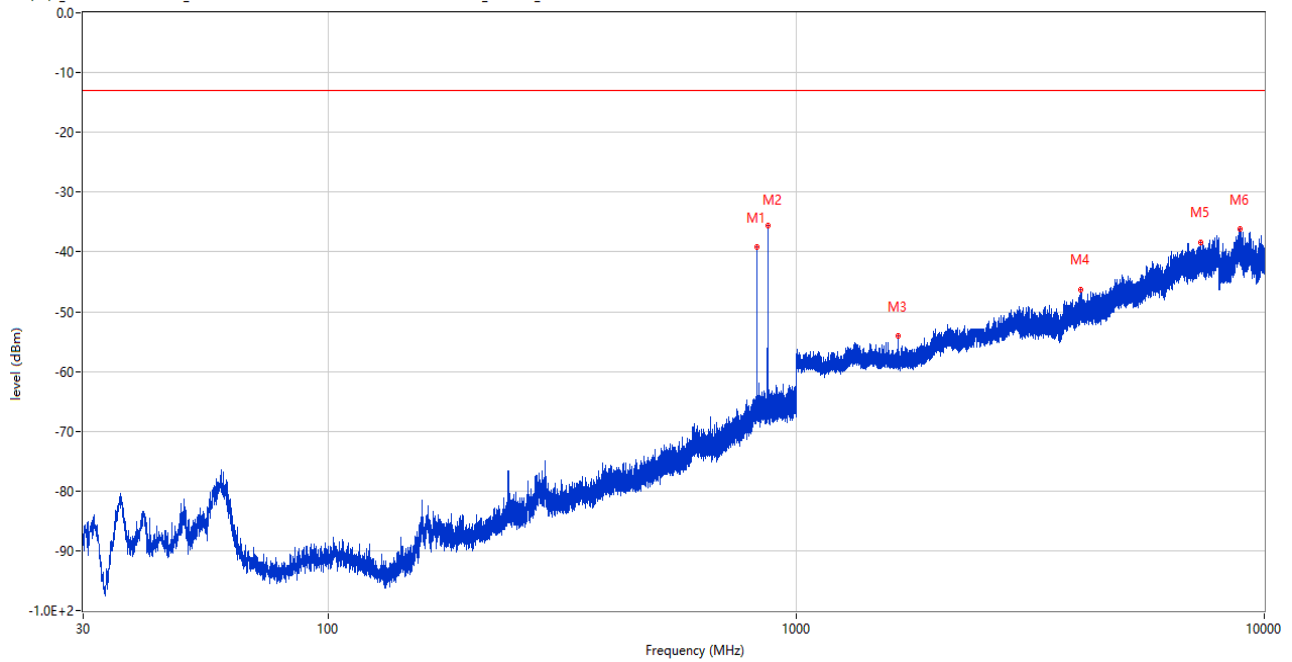


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
824.284	-33.48	6.91	-13.0	20.48	194.00	Vertical	Vertical	N/A
870.020	-37.13	6.39	-13.0	24.13	6.00	Vertical	Vertical	N/A
1648.300	-54.36	-3.68	-13.0	41.36	183.00	Vertical	Vertical	Pass
3318.500	-48.51	6.42	-13.0	35.51	360.00	Vertical	Vertical	Pass
6624.500	-38.69	15.99	-13.0	25.69	334.00	Vertical	Vertical	Pass
8847.799	-36.08	20.32	-13.0	23.08	62.00	Vertical	Vertical	Pass



BAND:LTE B5,Channel:LOW range,BW:1.4M

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

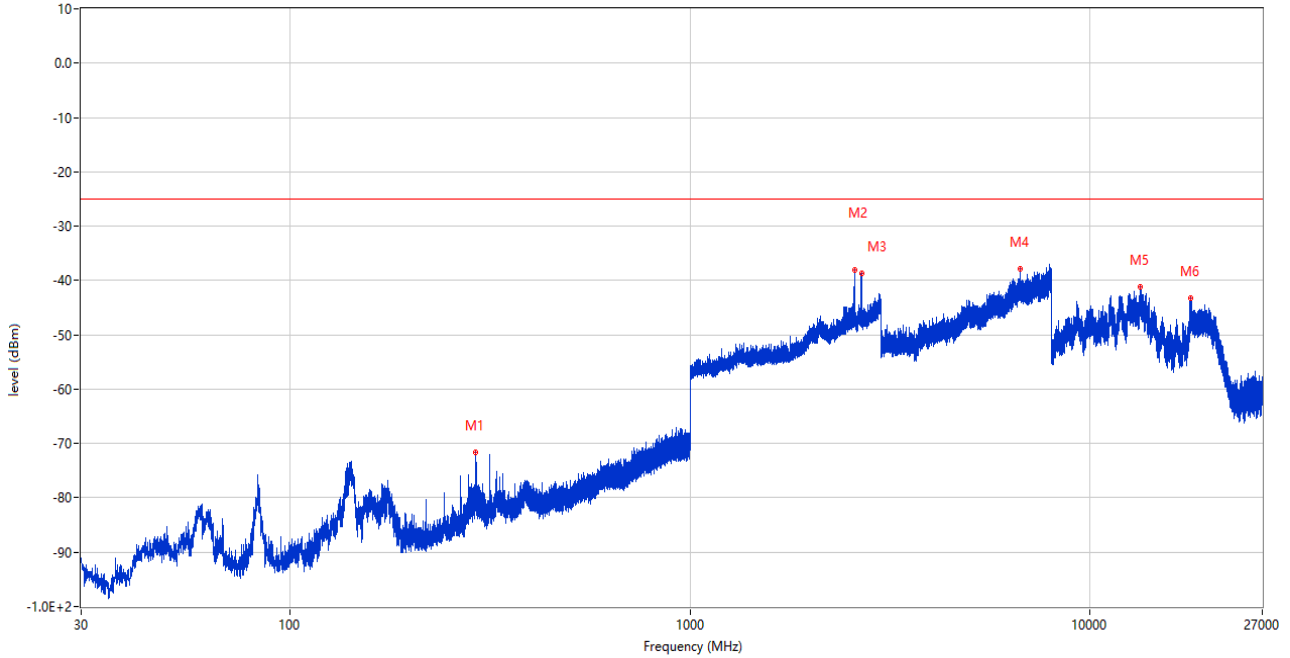


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
824.284	-39.09	6.91	-13.0	26.09	141.00	Vertical	Horizontal	N/A
869.972	-35.51	6.40	-13.0	22.51	9.00	Vertical	Horizontal	N/A
1649.000	-54.10	-3.69	-13.0	41.10	128.00	Vertical	Horizontal	Pass
4056.000	-46.25	10.96	-13.0	33.25	136.00	Vertical	Horizontal	Pass
7307.250	-38.37	16.82	-13.0	25.37	218.00	Vertical	Horizontal	Pass
8894.900	-36.22	19.81	-13.0	23.22	105.00	Vertical	Horizontal	Pass

#### 4.4 LTE Band 7

BAND:LTE B7,Channel:HIGH range,BW:15M

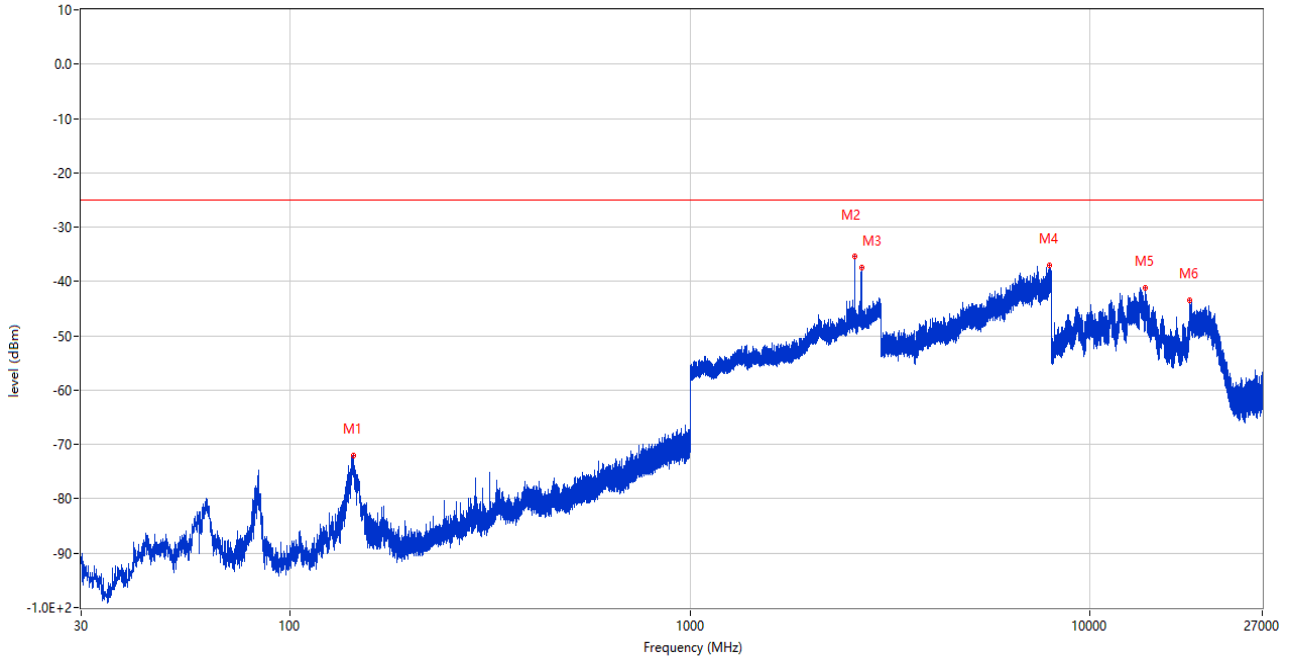
RSE (RF) \_FCC PART22&24&27\_LTE Band 7 & 41(low) \_2496-2570\_30MHz-27GHz\_



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
291.270	-71.60	-11.76	-25.0	46.60	97.00	Horizontal	Horizontal	Pass
2583.500	-38.07	8.69	-25.0	13.07	191.00	Horizontal	Horizontal	N/A
2682.500	-38.68	8.86	-25.0	13.68	31.00	Horizontal	Horizontal	N/A
6692.500	-37.92	16.98	-25.0	12.92	115.00	Horizontal	Horizontal	Pass
13407.563	-41.24	16.84	-25.0	16.24	247.00	Horizontal	Horizontal	Pass
17906.813	-43.30	13.05	-25.0	18.30	63.00	Horizontal	Horizontal	Pass

BAND:LTE B7,Channel:HIGH range,BW:15M

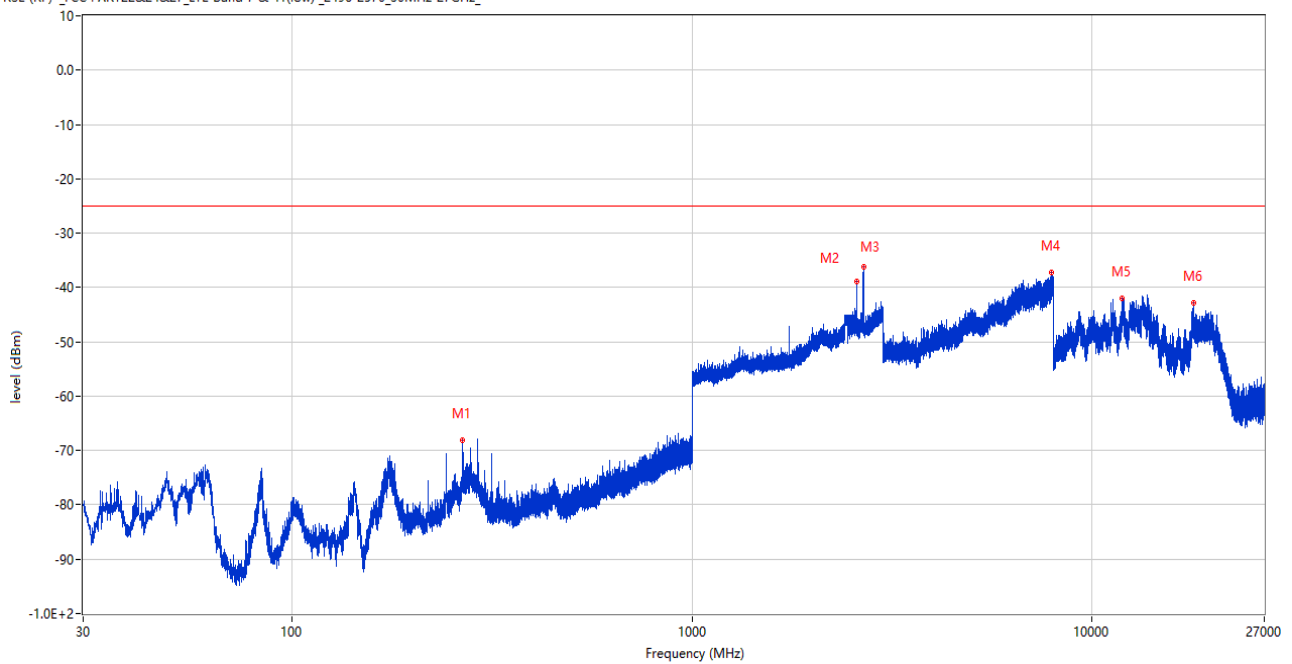
RSE (RF) \_FCC PART22&24&27\_LTE Band 7 & 41(low) \_2496-2570\_30MHz-27GHz\_



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
143.587	-72.00	-20.86	-25.0	47.00	309.00	Horizontal	Vertical	Pass
2583.300	-35.35	8.69	-25.0	10.35	134.00	Horizontal	Vertical	N/A
2683.300	-37.39	8.85	-25.0	12.39	134.00	Horizontal	Vertical	N/A
7930.750	-37.09	18.76	-25.0	12.09	139.00	Horizontal	Vertical	Pass
13797.900	-41.10	16.87	-25.0	16.10	1.00	Horizontal	Vertical	Pass
17780.812	-43.39	12.01	-25.0	18.39	1.00	Horizontal	Vertical	Pass

BAND:LTE B7,Channel:HIGH range,BW:15M

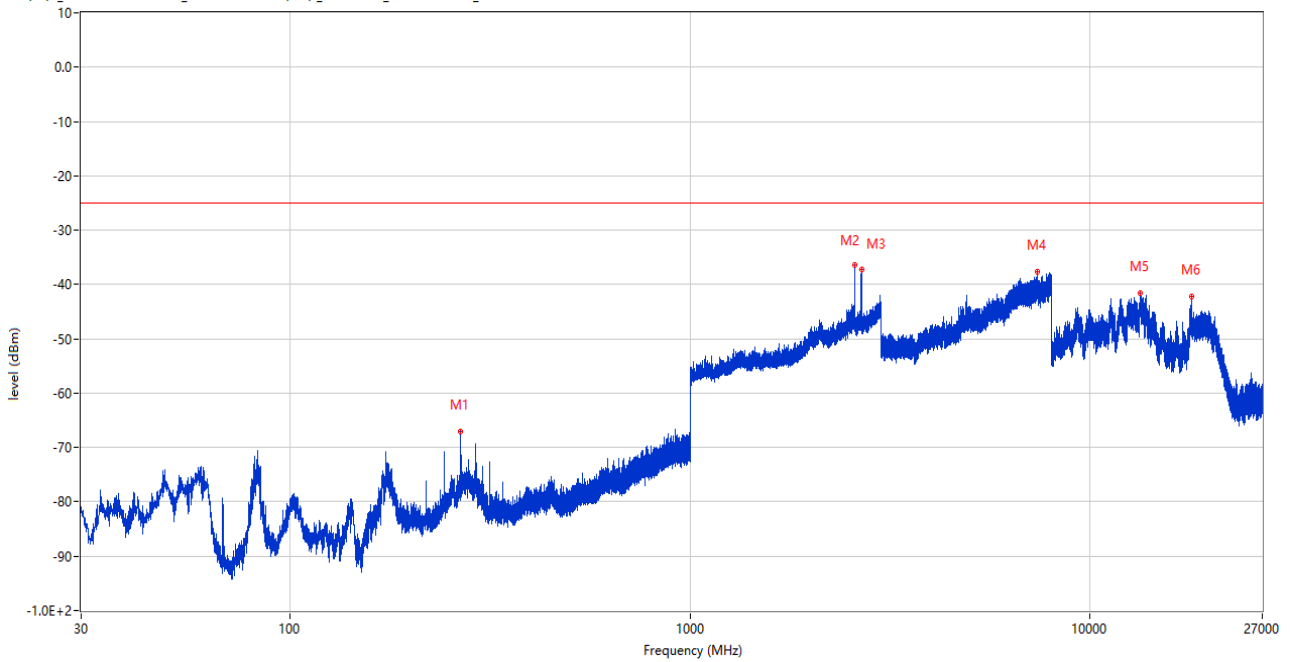
RSE (RF) \_FCC PART22&24&27\_LTE Band 7 & 41(low) \_2496-2570\_30MHz-27GHz\_



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
266.971	-68.15	-13.19	-25.0	43.15	172.00	Vertical	Vertical	Pass
2583.200	-38.96	8.68	-25.0	13.96	173.00	Vertical	Vertical	N/A
2685.200	-36.12	8.85	-25.0	11.12	197.00	Vertical	Vertical	N/A
7936.250	-37.33	18.91	-25.0	12.33	139.00	Vertical	Vertical	Pass
11905.688	-42.05	13.95	-25.0	17.05	4.00	Vertical	Vertical	Pass
17935.426	-42.81	13.74	-25.0	17.81	224.00	Vertical	Vertical	Pass

BAND:LTE B7,Channel:HIGH range,BW:15M

RSE (RF) \_FCC PART22&24&27\_LTE Band 7 & 41(low) \_2496-2570\_30MHz-27GHz\_

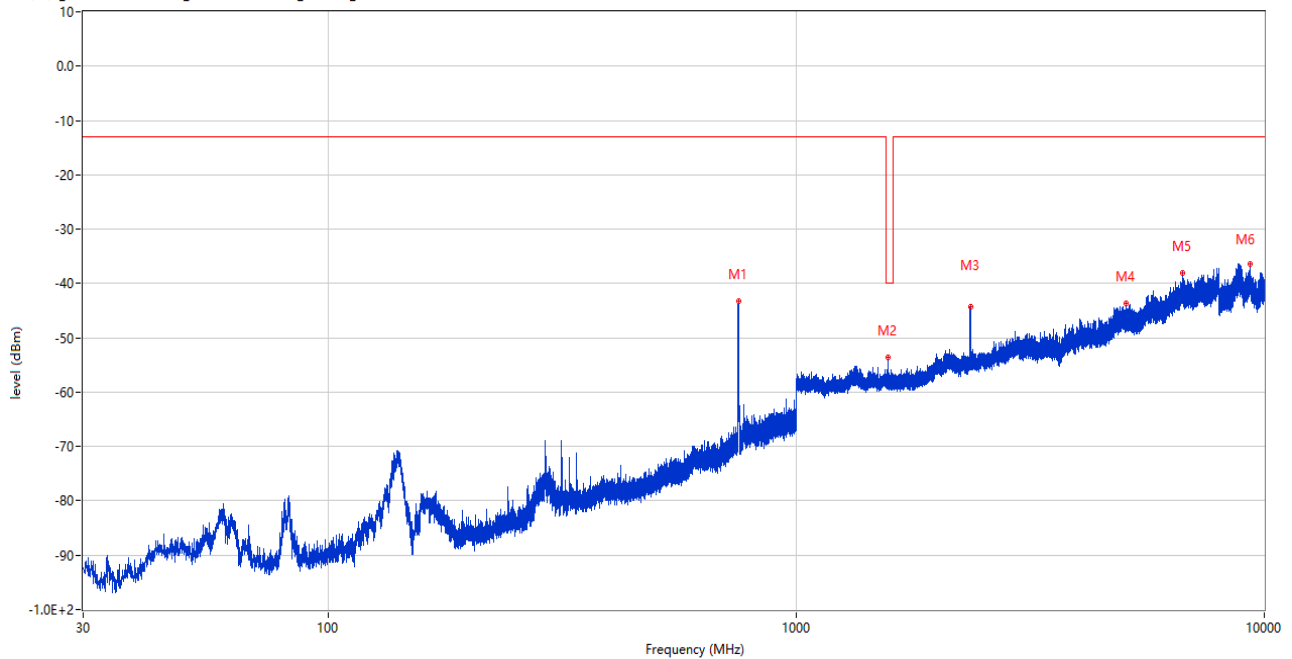


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
266.971	-67.00	-13.19	-25.0	42.00	158.00	Vertical	Horizontal	Pass
2583.400	-36.46	8.69	-25.0	11.46	74.00	Vertical	Horizontal	N/A
2688.200	-37.26	8.54	-25.0	12.26	203.00	Vertical	Horizontal	N/A
7381.000	-37.62	17.55	-25.0	12.62	256.00	Vertical	Horizontal	Pass
13407.563	-41.51	16.84	-25.0	16.51	315.00	Vertical	Horizontal	Pass
17930.177	-42.21	13.61	-25.0	17.21	360.00	Vertical	Horizontal	Pass

## 4.5 LTE Band 13

BAND:LTE B13,Channel:HIGH range,BW:5M

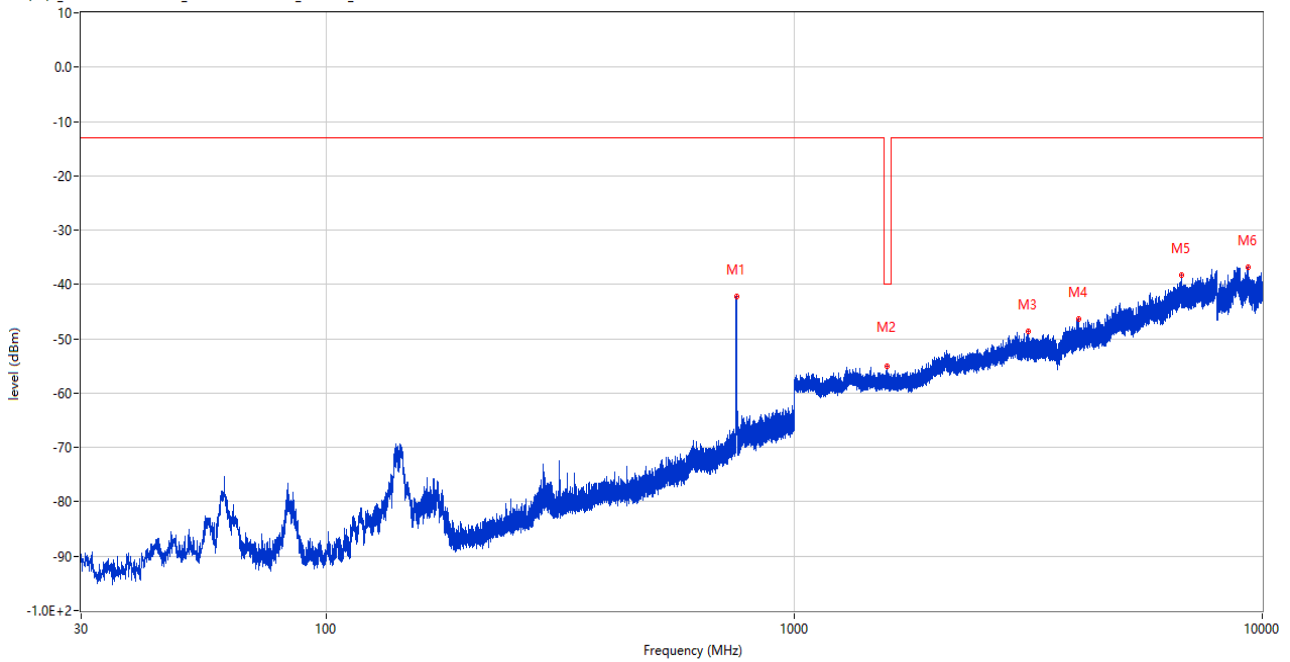
RSE (RF) \_FCC PART22&24&27\_LTE Band 13 & 14 \_777-803\_30MHz-10GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
754.784	-43.19	3.25	-13.0	30.19	256.00	Horizontal	Horizontal	N/A
1570.300	-53.68	-3.34	-40.0	13.68	188.00	Horizontal	Horizontal	Pass
2355.000	-44.19	1.14	-13.0	31.19	202.00	Horizontal	Horizontal	Pass
5068.250	-43.74	12.08	-13.0	30.74	153.00	Horizontal	Horizontal	Pass
6675.500	-38.04	16.74	-13.0	25.04	302.00	Horizontal	Horizontal	Pass
9347.800	-36.31	19.15	-13.0	23.31	16.00	Horizontal	Horizontal	Pass

BAND:LTE B13,Channel:HIGH range,BW:5M

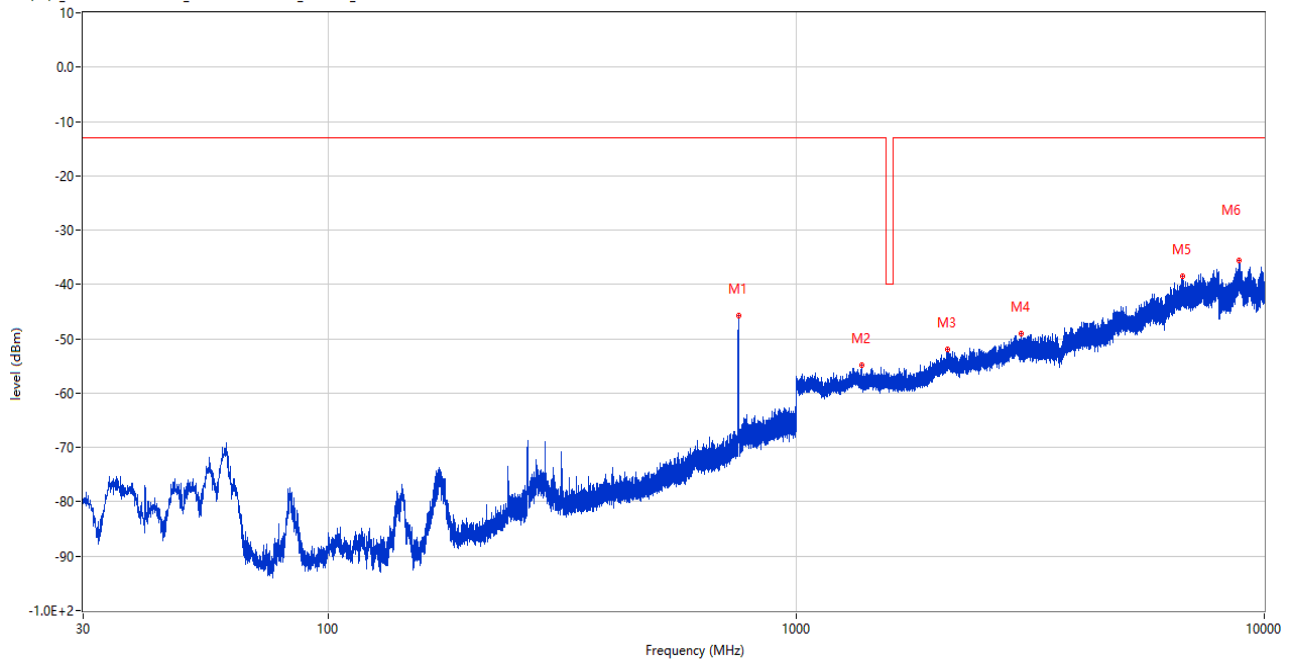
RSE (RF) \_FCC PART22&24&27\_LTE Band 13 & 14 \_777-803\_30MHz-10GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
754.784	-42.23	3.25	-13.0	29.23	117.00	Horizontal	Vertical	N/A
1578.100	-55.10	-3.46	-40.0	15.10	266.00	Horizontal	Vertical	Pass
3160.000	-48.69	6.04	-13.0	35.69	87.00	Horizontal	Vertical	Pass
4048.500	-46.38	10.72	-13.0	33.38	4.00	Horizontal	Vertical	Pass
6723.250	-38.32	16.62	-13.0	25.32	1.00	Horizontal	Vertical	Pass
9317.100	-36.87	19.57	-13.0	23.87	16.00	Horizontal	Vertical	Pass

BAND:LTE B13,Channel:HIGH range,BW:5M

RSE (RF) \_FCC PART22&24&27\_LTE Band 13 & 14 \_777-803\_30MHz-10GHz

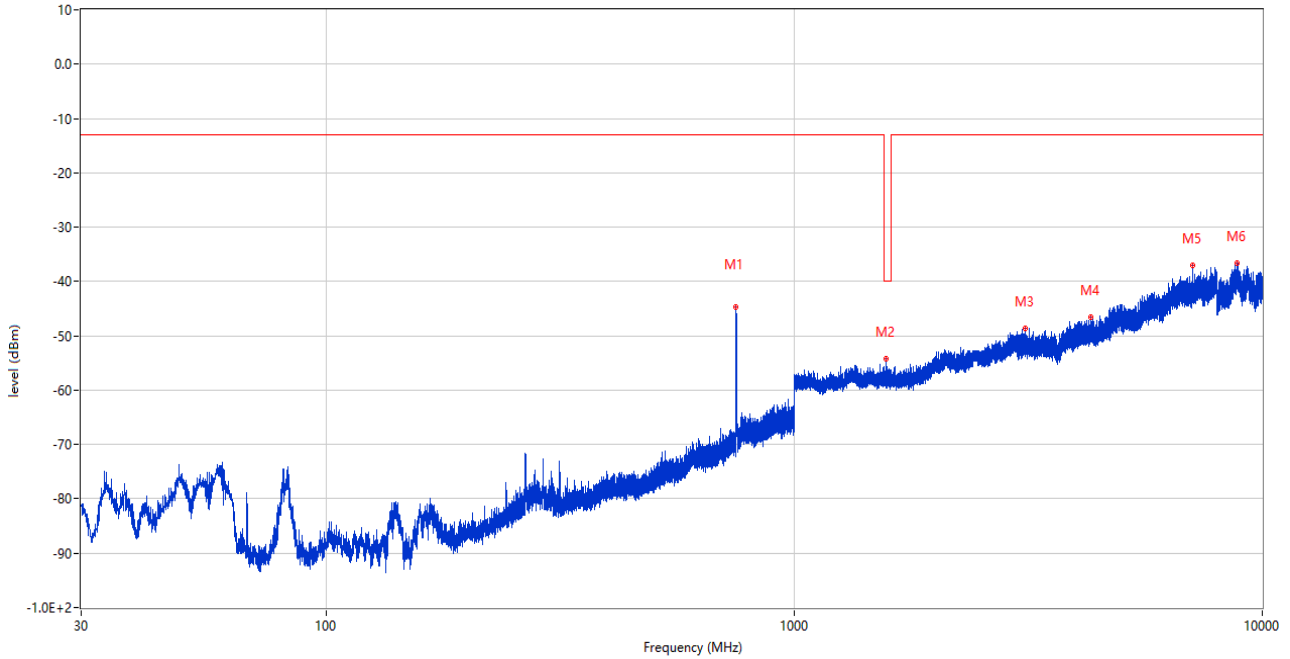


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
754.105	-45.83	3.35	-13.0	32.83	0.00	Vertical	Vertical	N/A
1379.900	-54.81	-3.24	-13.0	41.81	1.00	Vertical	Vertical	Pass
2109.600	-51.96	0.32	-13.0	38.96	15.00	Vertical	Vertical	Pass
3030.250	-48.95	6.21	-13.0	35.95	85.00	Vertical	Vertical	Pass
6697.250	-38.54	16.91	-13.0	25.54	85.00	Vertical	Vertical	Pass
8854.700	-35.60	20.30	-13.0	22.60	60.00	Vertical	Vertical	Pass



BAND:LTE B13,Channel:HIGH range,BW:5M

RSE (RF) \_FCC PART22&24&27\_LTE Band 13 & 14 \_777-803\_30MHz-10GHz

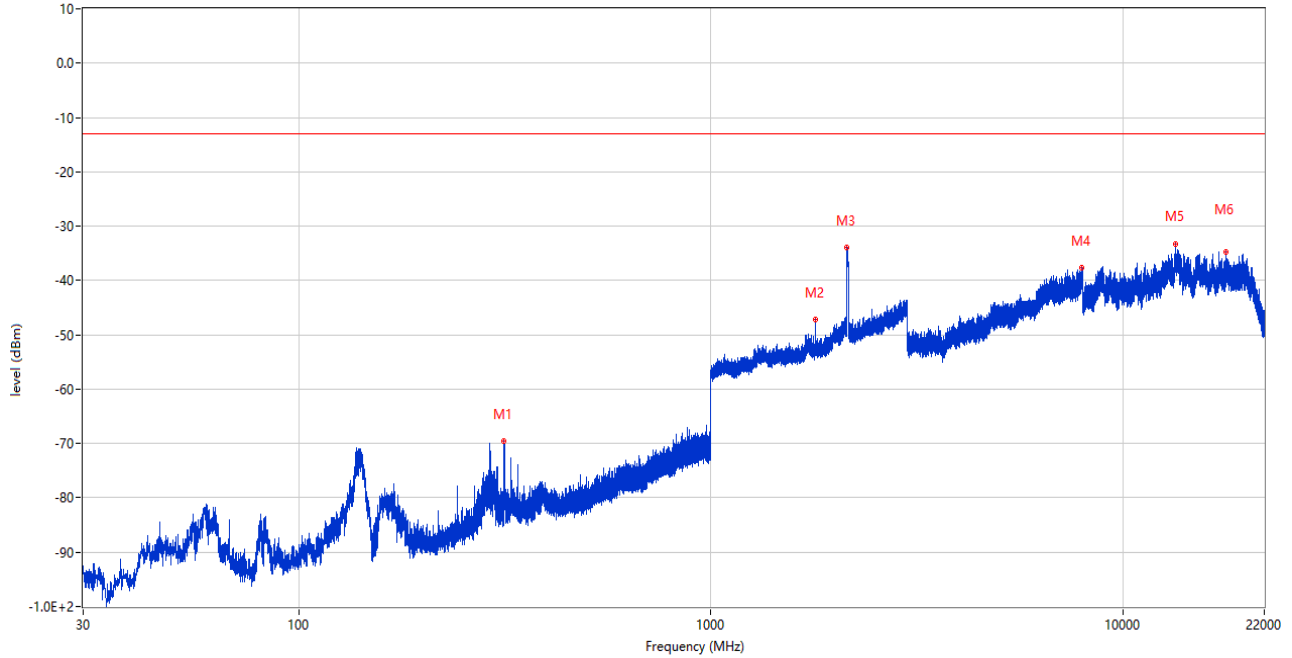


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
752.068	-44.76	3.32	-13.0	31.76	10.00	Vertical	Horizontal	N/A
1570.200	-54.20	-3.32	-40.0	14.20	40.00	Vertical	Horizontal	Pass
3113.500	-48.65	6.33	-13.0	35.65	54.00	Vertical	Horizontal	Pass
4310.000	-46.55	10.44	-13.0	33.55	71.00	Vertical	Horizontal	Pass
7104.500	-37.05	16.69	-13.0	24.05	4.00	Vertical	Horizontal	Pass
8841.000	-36.57	20.21	-13.0	23.57	360.00	Vertical	Horizontal	Pass

## 4.6 LTE Band 66

BAND:LTE B66,Channel:mid range,BW:20M

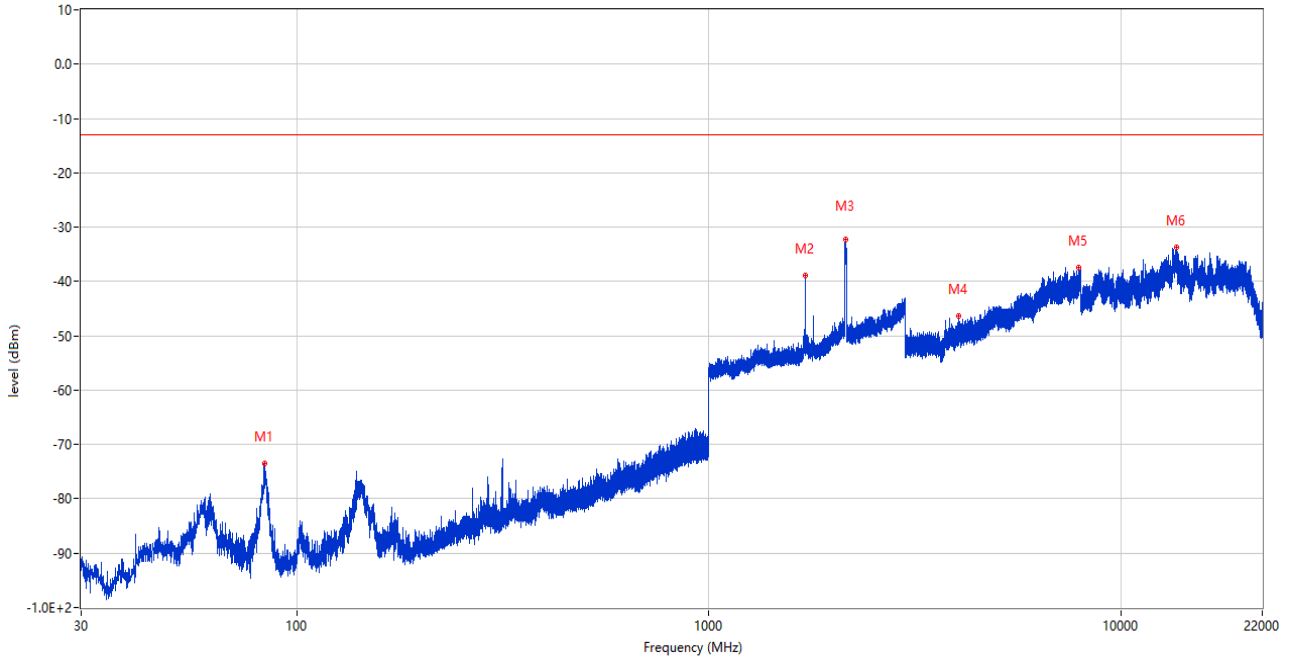
RSE (RF) \_FCC PART22&24&27\_WCDMA Band 4 & LTE Band 4 & 66 \_1710-1785\_30MHz-20GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
315.277	-69.49	-11.41	-13.0	56.49	93.00	Horizontal	Horizontal	Pass
1790.600	-47.24	2.03	-13.0	34.24	89.00	Horizontal	Horizontal	N/A
2140.000	-33.90	4.98	-13.0	20.90	169.00	Horizontal	Horizontal	N/A
7941.750	-37.63	18.94	-13.0	24.63	52.00	Horizontal	Horizontal	Pass
13426.175	-33.22	24.67	-13.0	20.22	320.00	Horizontal	Horizontal	Pass
17788.013	-34.69	22.23	-13.0	21.69	1.00	Horizontal	Horizontal	Pass

BAND:LTE B66,Channel:mid range,BW:20M

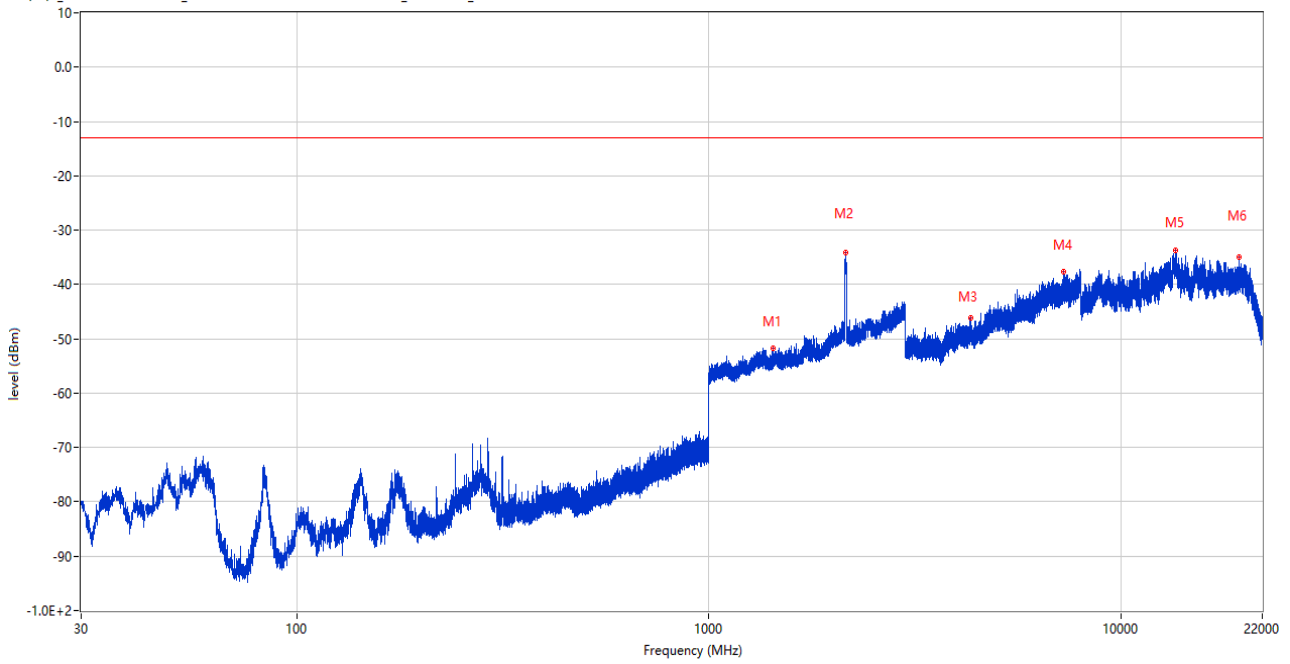
RSE (RF) \_FCC PART22&24&27\_WCDMA Band 4 & LTE Band 4 & 66 \_1710-1785\_30MHz-20GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
83.641	-73.53	-19.90	-13.0	60.53	251.00	Horizontal	Vertical	Pass
1711.900	-38.93	2.66	-13.0	25.93	161.00	Horizontal	Vertical	N/A
2149.800	-32.22	5.20	-13.0	19.22	105.00	Horizontal	Vertical	N/A
4045.750	-46.39	10.53	-13.0	33.39	288.00	Horizontal	Vertical	Pass
7872.750	-37.49	17.81	-13.0	24.49	116.00	Horizontal	Vertical	Pass
13619.963	-33.78	24.85	-13.0	20.78	157.00	Horizontal	Vertical	Pass

BAND:LTE B66,Channel:mid range,BW:20M

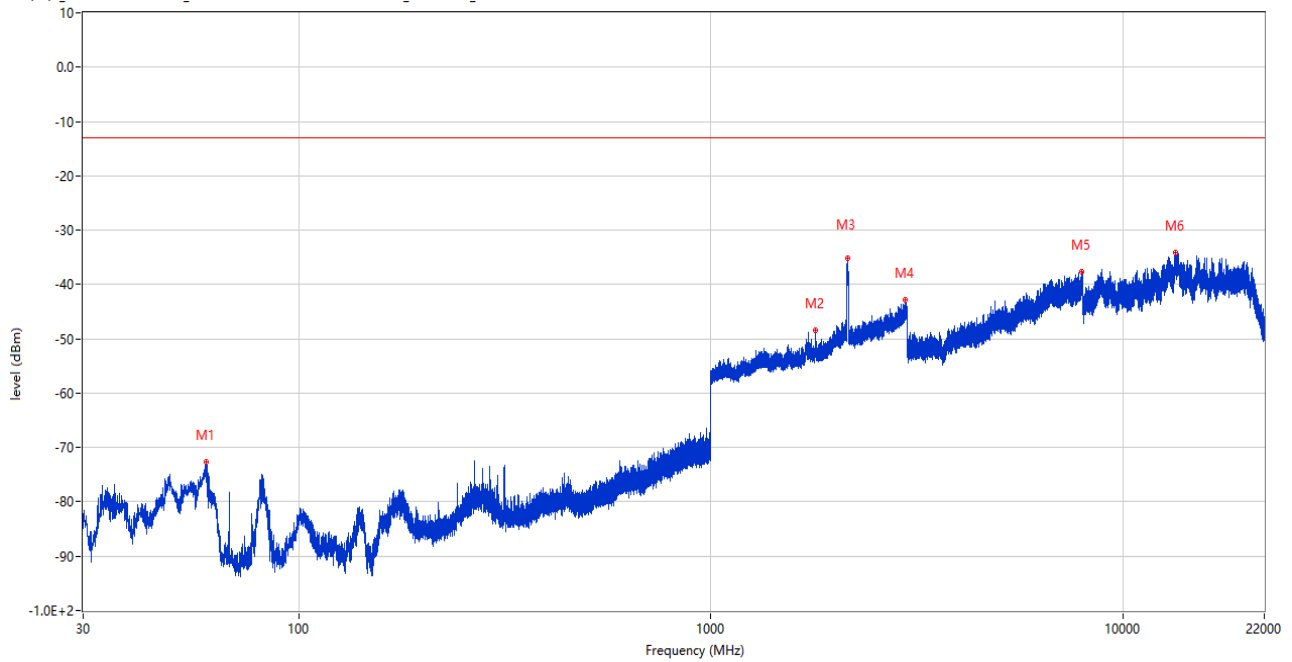
RSE (RF) \_FCC PART22&24&27\_WCDMA Band 4 & LTE Band 4 & 66 \_1710-1785\_30MHz-20GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
1432.600	-51.75	0.62	-13.0	38.75	63.00	Vertical	Vertical	Pass
2143.600	-34.05	5.15	-13.0	21.05	20.00	Vertical	Vertical	N/A
4306.000	-46.24	10.66	-13.0	33.24	343.00	Vertical	Vertical	Pass
7254.000	-37.73	17.71	-13.0	24.73	8.00	Vertical	Vertical	Pass
13545.500	-33.71	25.10	-13.0	20.71	3.00	Vertical	Vertical	Pass
19335.537	-34.99	21.41	-13.0	21.99	296.00	Vertical	Vertical	Pass

BAND:LTE B66,Channel:mid range,BW:20M

RSE (RF) \_FCC PART22&24&27\_WCDMA Band 4 & LTE Band 4 & 66 \_1710-1785\_30MHz-20GHz

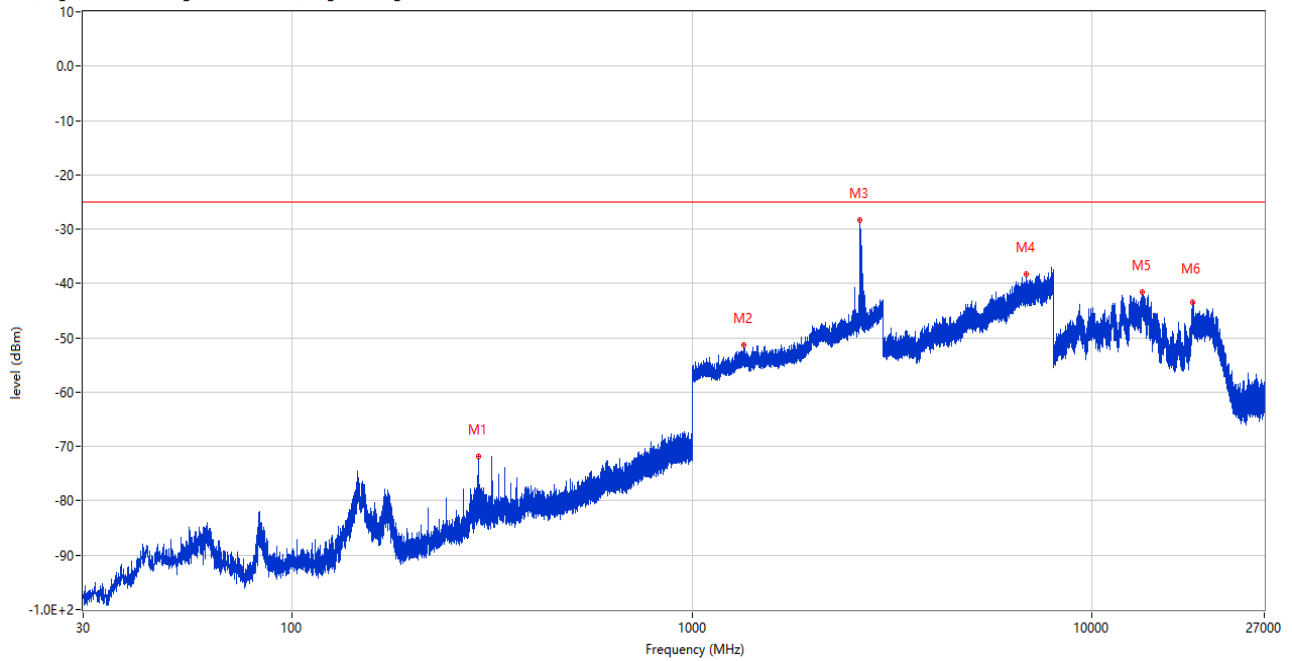


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
59.682	-72.61	-17.30	-13.0	59.61	184.00	Vertical	Horizontal	Pass
1790.300	-48.41	2.03	-13.0	35.41	173.00	Vertical	Horizontal	N/A
2144.400	-35.24	5.12	-13.0	22.24	106.00	Vertical	Horizontal	N/A
2966.500	-42.74	11.48	-13.0	29.74	247.00	Vertical	Horizontal	Pass
7917.750	-37.67	18.18	-13.0	24.67	119.00	Vertical	Horizontal	Pass
13429.875	-34.02	24.65	-13.0	21.02	249.00	Vertical	Horizontal	Pass

## 4.7 LTE Band 38

BAND:LTE B38,Channel:HIGH range,BW:10M

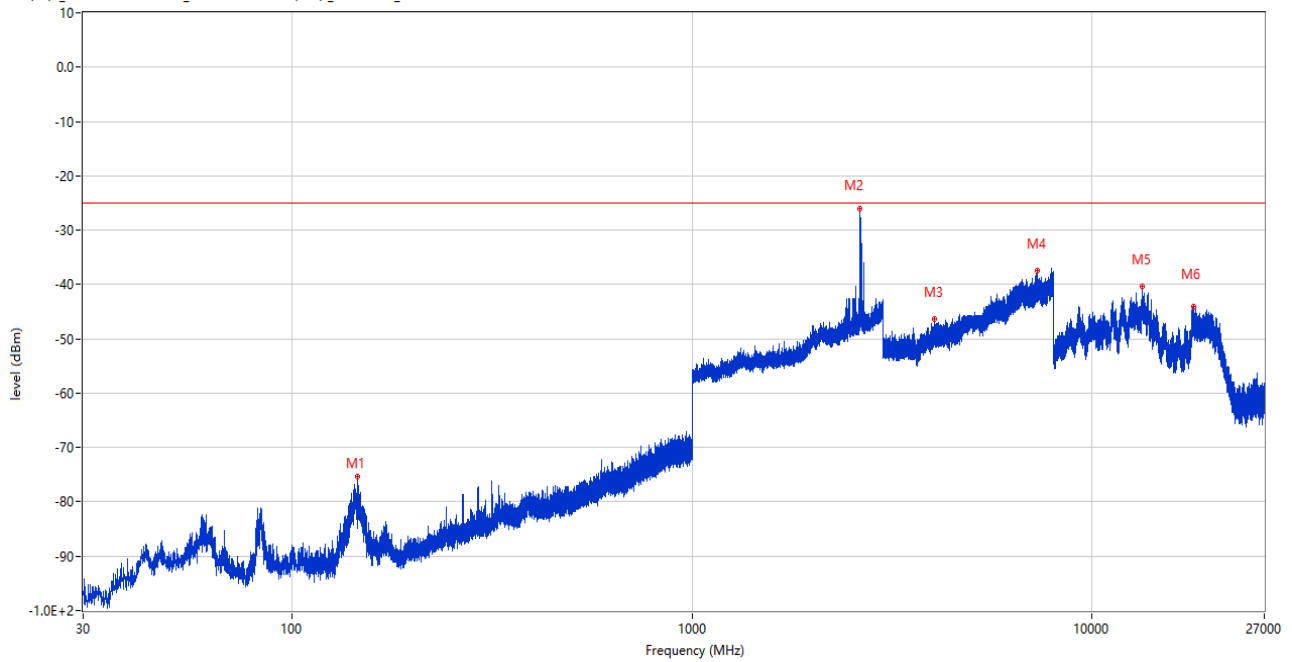
RSE (RF) \_FCC PART22&24&27\_LTE Band 38 & 41(mid)\_2570-2620\_30MHz-27GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
291.803	-71.81	-11.73	-25.0	46.81	93.00	Horizontal	Horizontal	Pass
1346.400	-51.29	0.70	-25.0	26.29	344.00	Horizontal	Horizontal	Pass
2630.200	-28.30	8.92	-25.0	3.30	360.00	Horizontal	Horizontal	N/A
6864.750	-38.29	16.48	-25.0	13.29	357.00	Horizontal	Horizontal	Pass
13361.887	-41.66	16.65	-25.0	16.66	111.00	Horizontal	Horizontal	Pass
17923.875	-43.37	13.46	-25.0	18.37	229.00	Horizontal	Horizontal	Pass

BAND:LTE B38,Channel:HIGH range,BW:10M

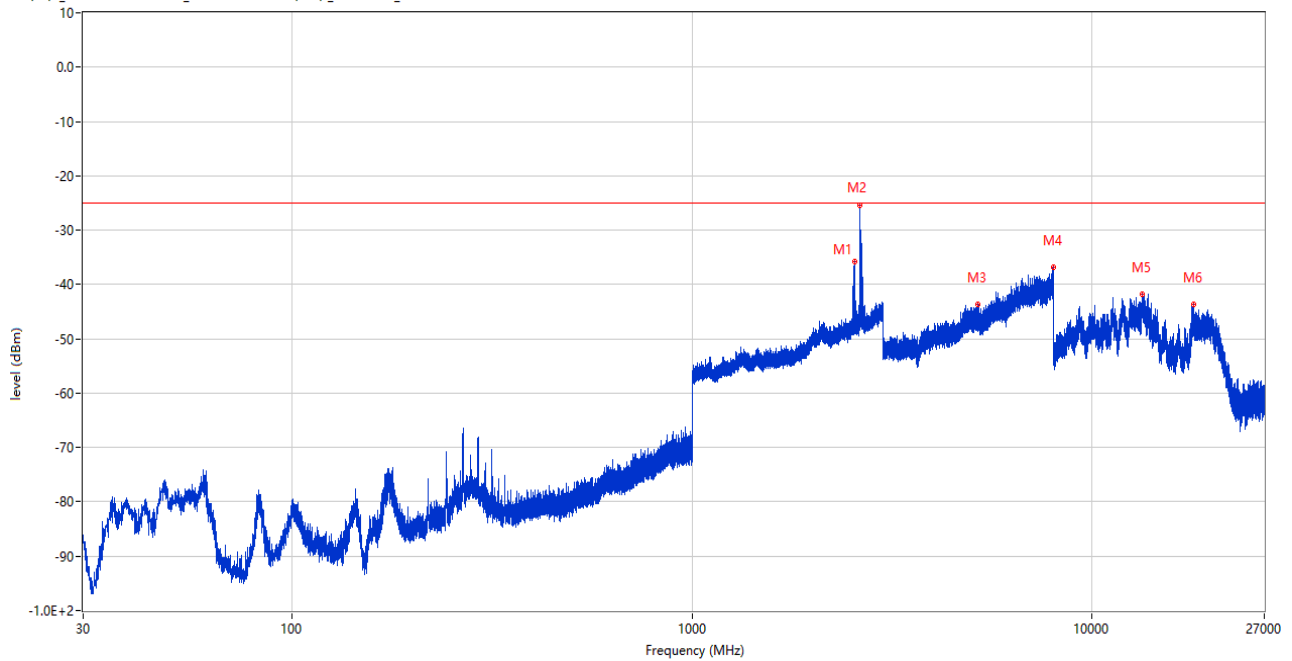
RSE (RF) \_FCC PART2&24&27\_LTE Band 38 & 41(mid) \_2570-2620\_30MHz-27GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
146.012	-75.32	-20.65	-25.0	50.32	303.00	Horizontal	Vertical	Pass
2630.000	-26.03	9.01	-25.0	1.03	196.00	Horizontal	Vertical	N/A
4046.750	-46.38	10.63	-25.0	21.38	261.00	Horizontal	Vertical	Pass
7317.250	-37.38	17.12	-25.0	12.38	152.00	Horizontal	Vertical	Pass
13406.513	-40.35	16.87	-25.0	15.35	360.00	Horizontal	Vertical	Pass
17935.950	-44.02	13.75	-25.0	19.02	360.00	Horizontal	Vertical	Pass

BAND:LTE B38,Channel:HIGH range,BW:10M

RSE (RF) \_FCC PART22&24&27\_LTE Band 38 & 41(mid)\_2570-2620\_30MHz-27GHz

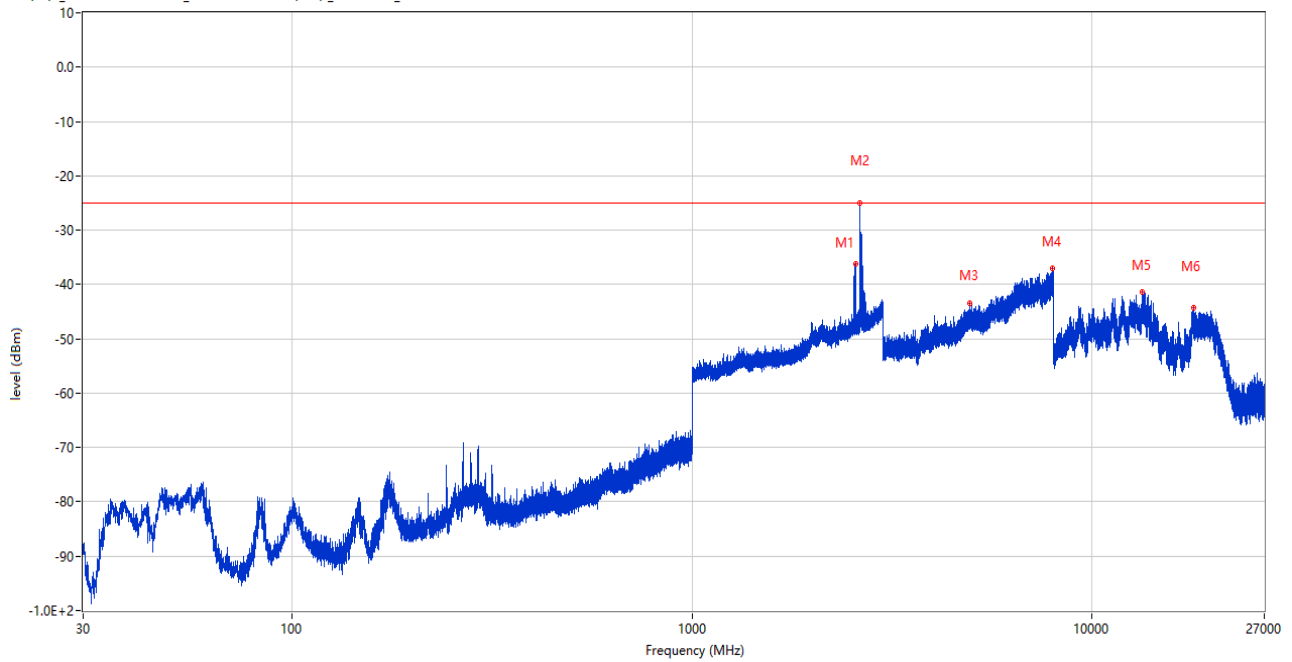


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
2557.800	-35.72	8.22	-25.0	10.72	116.00	Vertical	Vertical	Pass
2630.400	-25.38	8.88	-25.0	0.38	67.00	Vertical	Vertical	N/A
5199.500	-43.71	12.50	-25.0	18.71	245.00	Vertical	Vertical	Pass
7998.500	-36.85	18.88	-25.0	11.85	191.00	Vertical	Vertical	Pass
13363.200	-41.73	16.66	-25.0	16.73	202.00	Vertical	Vertical	Pass
17953.538	-43.65	14.00	-25.0	18.65	360.00	Vertical	Vertical	Pass



BAND:LTE B38,Channel:HIGH range,BW:10M

RSE (RF) \_FCC PART22&24&27\_LTE Band 38 & 41(mid) \_2570-2620\_30MHz-27GHz

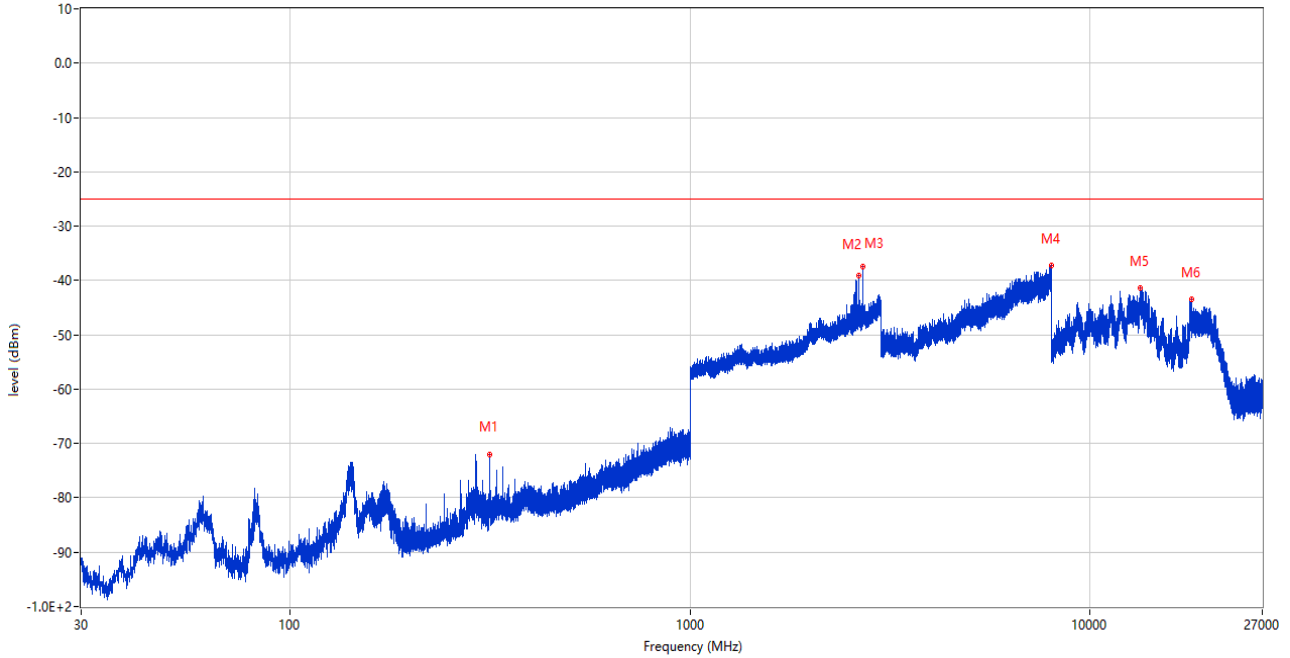


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
2560.700	-36.27	8.26	-25.0	11.27	6.00	Vertical	Horizontal	Pass
2627.700	-25.05	8.99	-25.0	0.05	37.00	Vertical	Horizontal	N/A
4951.500	-43.37	12.82	-25.0	18.37	73.00	Vertical	Horizontal	Pass
7991.000	-36.97	18.45	-25.0	11.97	7.00	Vertical	Horizontal	Pass
13403.888	-41.30	16.92	-25.0	16.30	360.00	Vertical	Horizontal	Pass
17968.761	-44.28	13.62	-25.0	19.28	131.00	Vertical	Horizontal	Pass

## 4.8 LTE Band 41

BAND:LTE B41,Channel:HIGH range,BW:10M

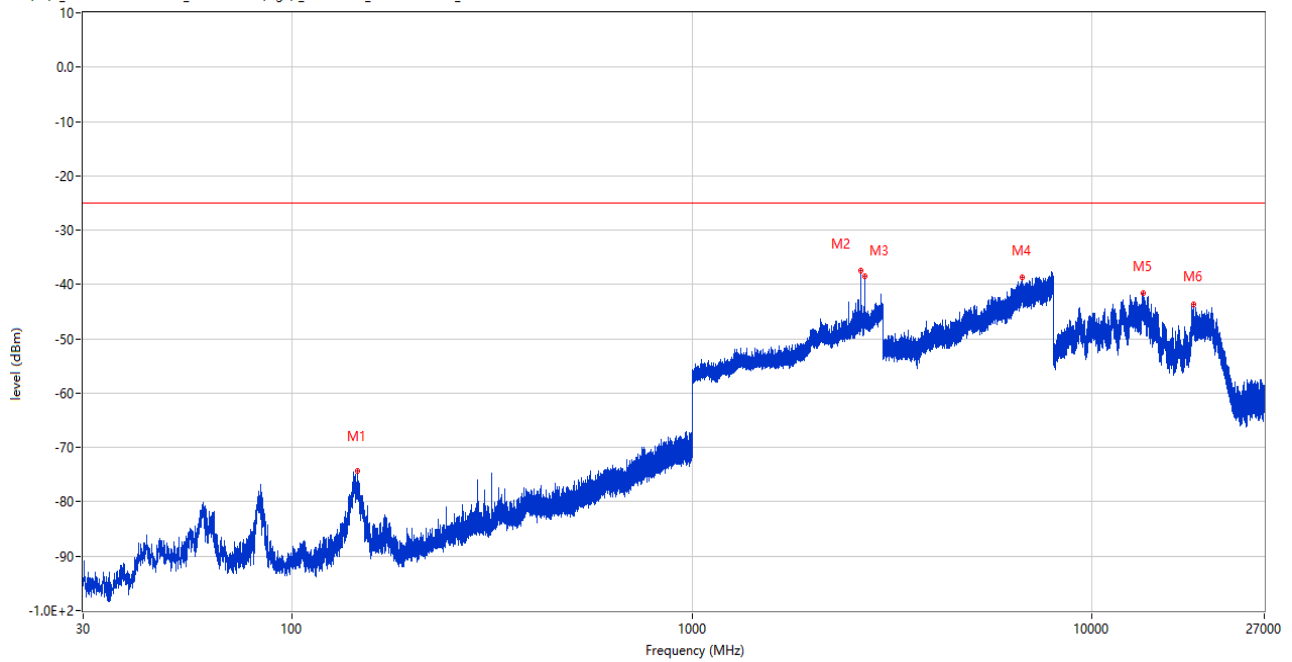
RSE (RF) \_FCC PART22&24&27\_LTE Band 41(high) \_2620-2690\_30MHz-27GHz\_



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
315.568	-71.94	-11.40	-25.0	46.94	137.00	Horizontal	Horizontal	Pass
2646.400	-39.17	9.17	-25.0	14.17	190.00	Horizontal	Horizontal	N/A
2704.300	-37.41	8.68	-25.0	12.41	360.00	Horizontal	Horizontal	Pass
7999.750	-37.32	19.02	-25.0	12.32	249.00	Horizontal	Horizontal	Pass
13370.550	-41.37	16.73	-25.0	16.37	40.00	Horizontal	Horizontal	Pass
17950.650	-43.52	14.07	-25.0	18.52	109.00	Horizontal	Horizontal	Pass

BAND:LTE B41,Channel:HIGH range,BW:10M

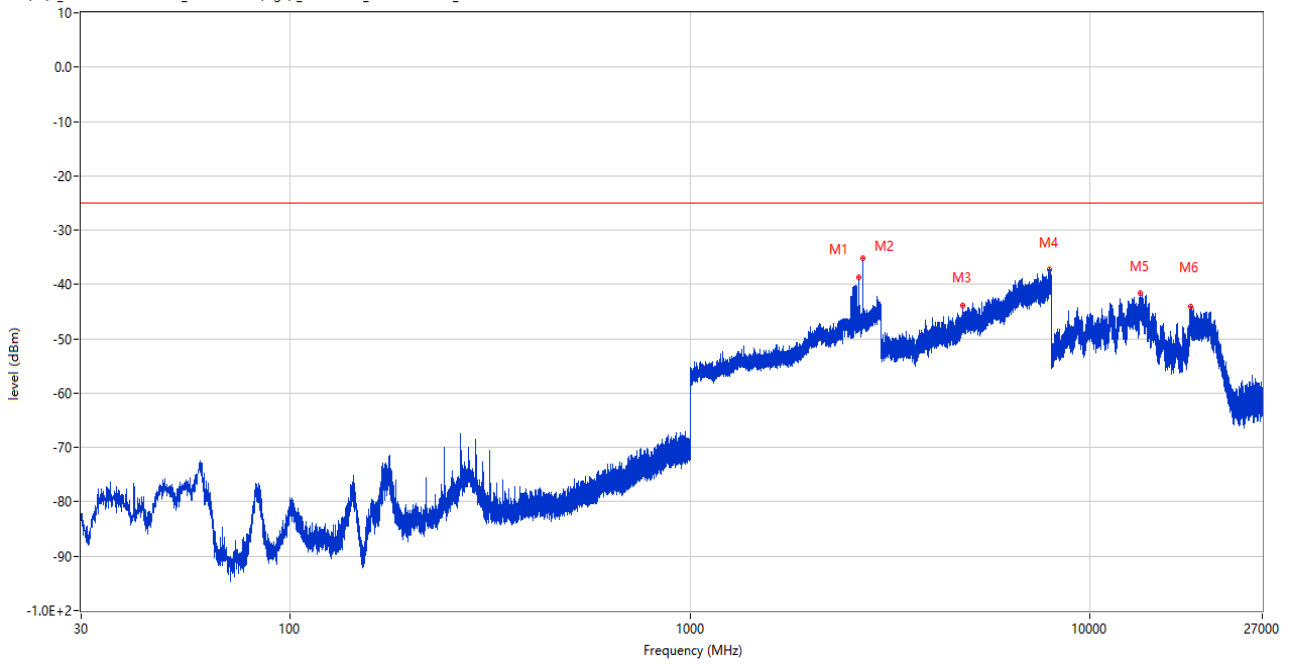
RSE (RF) \_FCC PART22&24&27\_LTE Band 41(high) \_2620-2690\_30MHz-27GHz\_



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
145.624	-74.37	-20.67	-25.0	49.37	299.00	Horizontal	Vertical	Pass
2646.600	-37.46	9.17	-25.0	12.46	129.00	Horizontal	Vertical	N/A
2707.400	-38.40	8.62	-25.0	13.40	142.00	Horizontal	Vertical	Pass
6680.500	-38.71	16.93	-25.0	13.71	106.00	Horizontal	Vertical	Pass
13409.925	-41.67	16.79	-25.0	16.67	0.00	Horizontal	Vertical	Pass
17955.375	-43.57	13.96	-25.0	18.57	63.00	Horizontal	Vertical	Pass

BAND:LTE B41,Channel:HIGH range,BW:10M

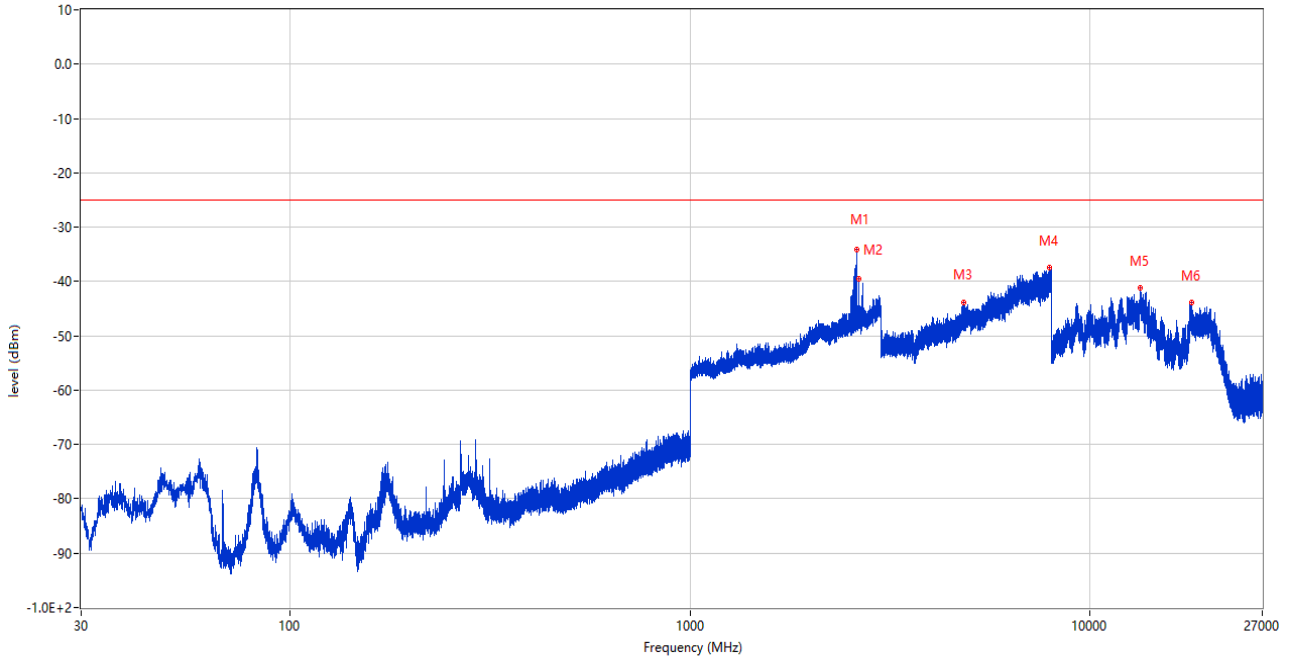
RSE (RF) \_FCC PART22&24&27\_LTE Band 41(high) \_2620-2690\_30MHz-27GHz\_



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
2646.700	-38.76	9.17	-25.0	13.76	67.00	Vertical	Vertical	N/A
2703.100	-35.17	8.81	-25.0	10.17	73.00	Vertical	Vertical	Pass
4802.250	-43.82	12.60	-25.0	18.82	360.00	Vertical	Vertical	Pass
7921.750	-37.31	18.29	-25.0	12.31	152.00	Vertical	Vertical	Pass
13365.037	-41.57	16.68	-25.0	16.57	360.00	Vertical	Vertical	Pass
17923.351	-44.06	13.45	-25.0	19.06	135.00	Vertical	Vertical	Pass

BAND:LTE B41,Channel:HIGH range,BW:10M

RSE (RF) \_FCC PART22&24&27\_LTE Band 41(high) \_2620-2690\_30MHz-27GHz\_



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
2607.500	-34.20	8.49	-25.0	9.20	29.00	Vertical	Horizontal	Pass
2646.600	-39.54	9.17	-25.0	14.54	85.00	Vertical	Horizontal	N/A
4835.750	-43.92	12.43	-25.0	18.92	245.00	Vertical	Horizontal	Pass
7934.750	-37.38	18.85	-25.0	12.38	148.00	Vertical	Horizontal	Pass
13369.238	-41.12	16.72	-25.0	16.12	360.00	Vertical	Horizontal	Pass
17930.177	-43.94	13.61	-25.0	18.94	328.00	Vertical	Horizontal	Pass

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