

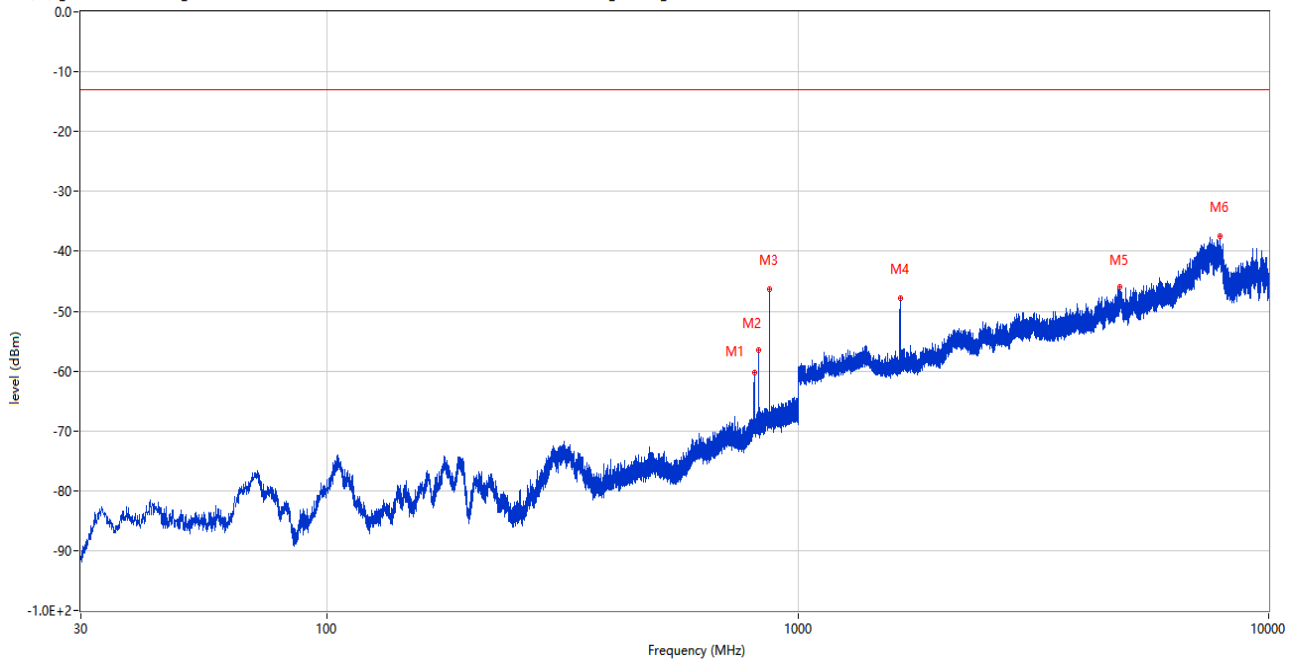
## **A.7 Field Strength of Spurious Radiation**

# 1. GSM

## 1.1 GSM 850

Band:GSM850,Channel:Low range

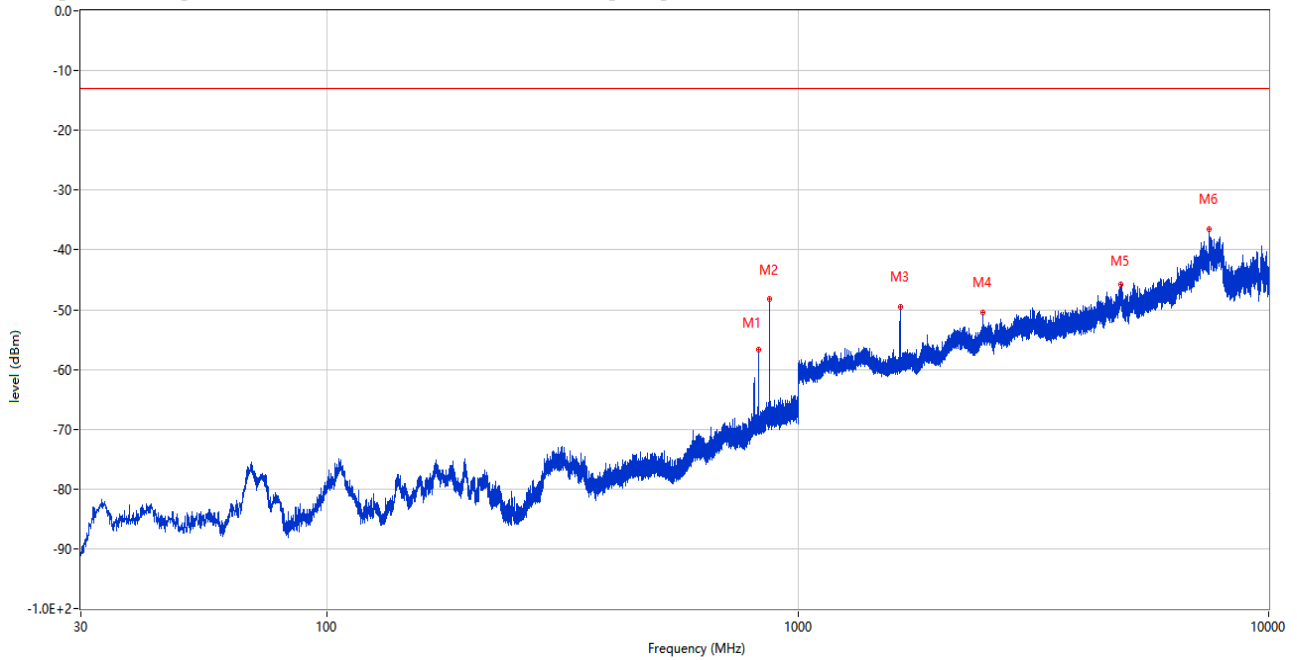
RSE (RF) \_FCC PART22&24&27\_GSM 850 & CDMA BC0 & WCDMA Band5 & LTE Band 5 & 26 & 18 & 19\_814-849\_30MHz-10GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
807.649	-60.26	1.25	-13.0	47.26	296.00	Horizontal	Horizontal	Pass
824.188	-56.52	1.96	-13.0	43.52	278.00	Horizontal	Horizontal	N/A
869.196	-46.42	2.10	-13.0	33.42	339.00	Horizontal	Horizontal	N/A
1648.500	-47.86	-5.54	-13.0	34.86	360.00	Horizontal	Horizontal	Pass
4829.000	-45.90	7.60	-13.0	32.90	70.00	Horizontal	Horizontal	Pass
7868.000	-37.50	16.99	-13.0	24.50	127.00	Horizontal	Horizontal	Pass

Band:GSM850,Channel:Low range

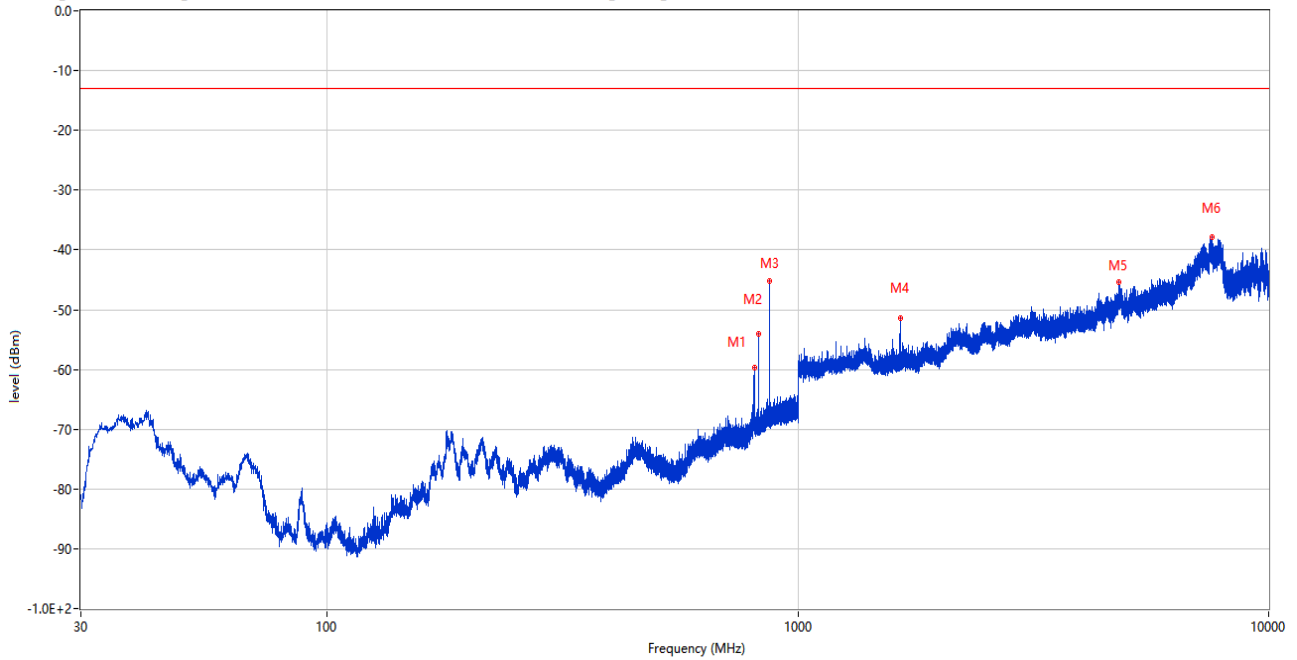
RSE (RF) \_FCC PART22&24&27\_GSM 850 & CDMA BC0 & WCDMA Band5 & LTE Band 5 & 26 & 18 & 19\_814-849\_30MHz-10GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
824.139	-56.61	1.95	-13.0	43.61	6.00	Horizontal	Vertical	N/A
869.292	-48.29	2.10	-13.0	35.29	290.00	Horizontal	Vertical	N/A
1648.600	-49.53	-5.54	-13.0	36.53	15.00	Horizontal	Vertical	Pass
2472.900	-50.39	0.25	-13.0	37.39	204.00	Horizontal	Vertical	Pass
4857.000	-45.81	7.86	-13.0	32.81	109.00	Horizontal	Vertical	Pass
7490.500	-36.54	16.83	-13.0	23.54	62.00	Horizontal	Vertical	Pass

Band:GSM850,Channel:Low range

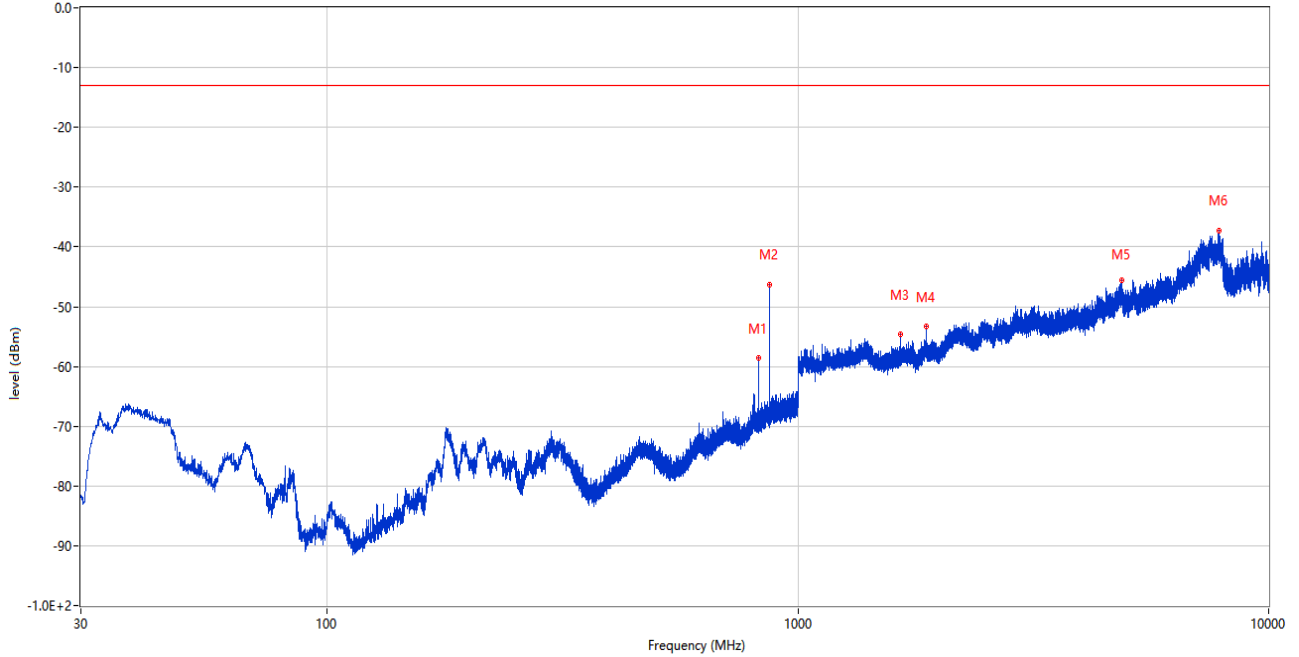
RSE (RF) \_FCC PART22&24&27\_GSM 850 & CDMA BC0 & WCDMA Band5 & LTE Band 5 & 26 & 18 & 19\_814-849\_30MHz-10GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
809.589	-59.76	1.35	-13.0	46.76	174.00	Vertical	Vertical	Pass
824.188	-54.03	1.96	-13.0	41.03	179.00	Vertical	Vertical	N/A
869.147	-45.21	2.10	-13.0	32.21	163.00	Vertical	Vertical	N/A
1648.900	-51.32	-5.54	-13.0	38.32	145.00	Vertical	Vertical	Pass
4807.750	-45.40	7.99	-13.0	32.40	0.00	Vertical	Vertical	Pass
7594.500	-37.93	16.42	-13.0	24.93	15.00	Vertical	Vertical	Pass

Band:GSM850,Channel:Low range

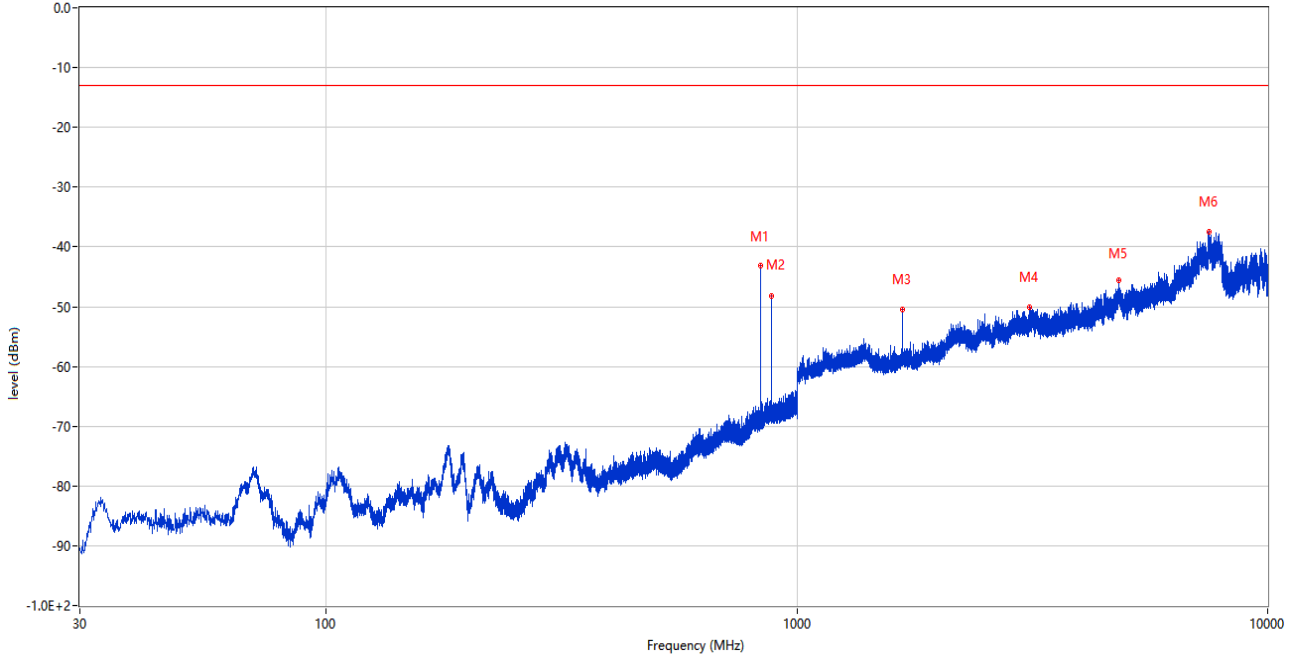
RSE (RF) \_FCC PART22&24&27\_GSM 850 & CDMA BC0 & WCDMA Band5 & LTE Band 5 & 26 & 18 & 19\_814-849\_30MHz-10GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
824.188	-58.53	1.96	-13.0	45.53	349.00	Vertical	Horizontal	N/A
869.196	-46.26	2.10	-13.0	33.26	316.00	Vertical	Horizontal	N/A
1648.500	-54.56	-5.54	-13.0	41.56	74.00	Vertical	Horizontal	Pass
1874.000	-53.27	-3.39	-13.0	40.27	234.00	Vertical	Horizontal	Pass
4868.250	-45.53	7.78	-13.0	32.53	220.00	Vertical	Horizontal	Pass
7863.750	-37.23	16.82	-13.0	24.23	149.00	Vertical	Horizontal	Pass

Band:GSM850,Channel:Mid range

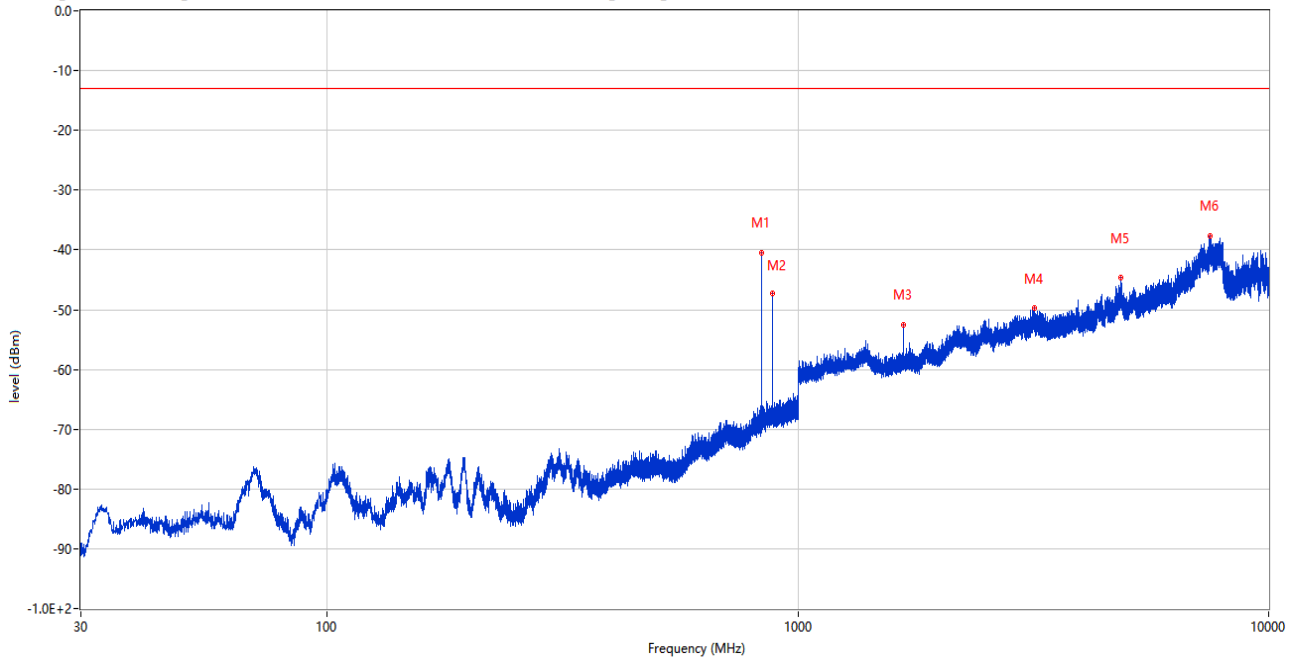
RSE (RF) \_FCC PART22&24&27\_GSM 850 & CDMA BC0 & WCDMA Band5 & LTE Band 5 & 26 & 18 & 19\_814-849\_30MHz-10GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
836.555	-43.22	2.21	-13.0	30.22	45.00	Horizontal	Horizontal	N/A
881.660	-48.26	2.45	-13.0	35.26	300.00	Horizontal	Horizontal	N/A
1673.500	-50.48	-5.08	-13.0	37.48	134.00	Horizontal	Horizontal	Pass
3112.500	-50.06	3.50	-13.0	37.06	344.00	Horizontal	Horizontal	Pass
4840.000	-45.59	7.66	-13.0	32.59	99.00	Horizontal	Horizontal	Pass
7493.500	-37.39	16.75	-13.0	24.39	297.00	Horizontal	Horizontal	Pass

Band:GSM850,Channel:Mid range

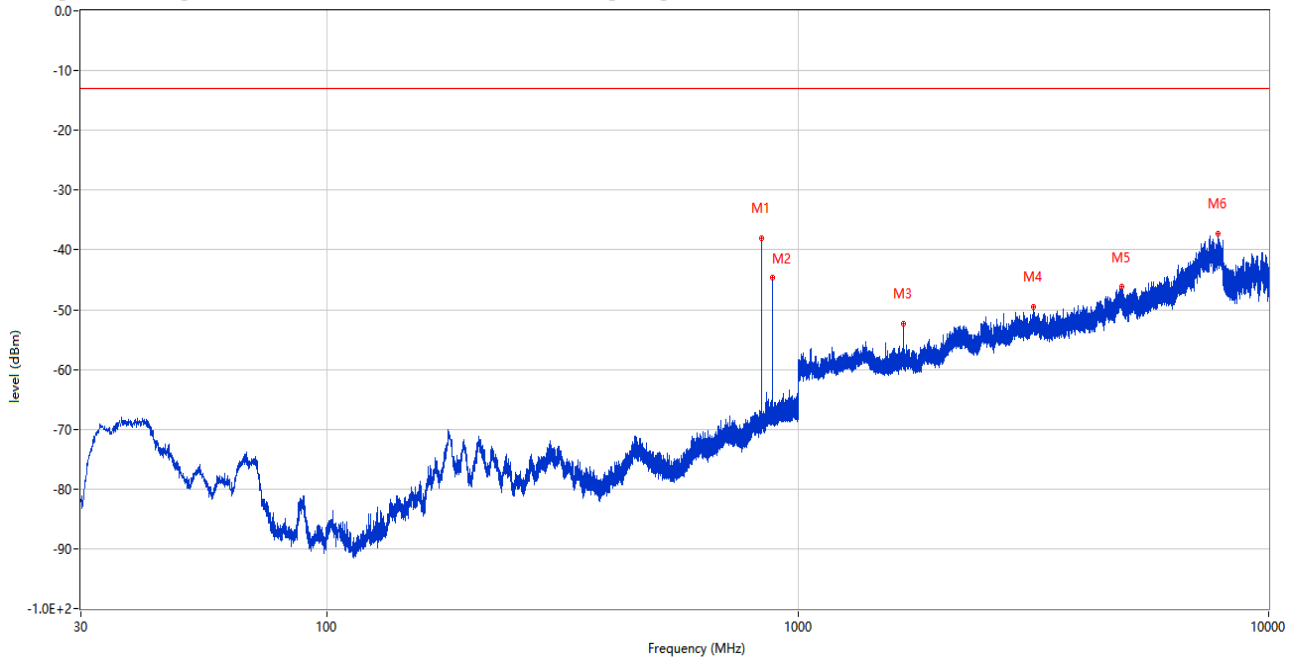
RSE (RF) \_FCC PART22&24&27\_GSM 850 & CDMA BC0 & WCDMA Band5 & LTE Band 5 & 26 & 18 & 19\_814-849\_30MHz-10GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
836.604	-40.44	2.21	-13.0	27.44	11.00	Horizontal	Vertical	N/A
881.660	-47.24	2.45	-13.0	34.24	38.00	Horizontal	Vertical	N/A
1673.100	-52.49	-5.07	-13.0	39.49	13.00	Horizontal	Vertical	Pass
3180.250	-49.73	4.86	-13.0	36.73	155.00	Horizontal	Vertical	Pass
4851.500	-44.63	7.67	-13.0	31.63	192.00	Horizontal	Vertical	Pass
7493.750	-37.63	16.75	-13.0	24.63	258.00	Horizontal	Vertical	Pass

Band:GSM850,Channel:Mid range

RSE (RF) \_FCC PART22&24&27\_GSM 850 & CDMA BC0 & WCDMA Band5 & LTE Band 5 & 26 & 18 & 19\_814-849\_30MHz-10GHz

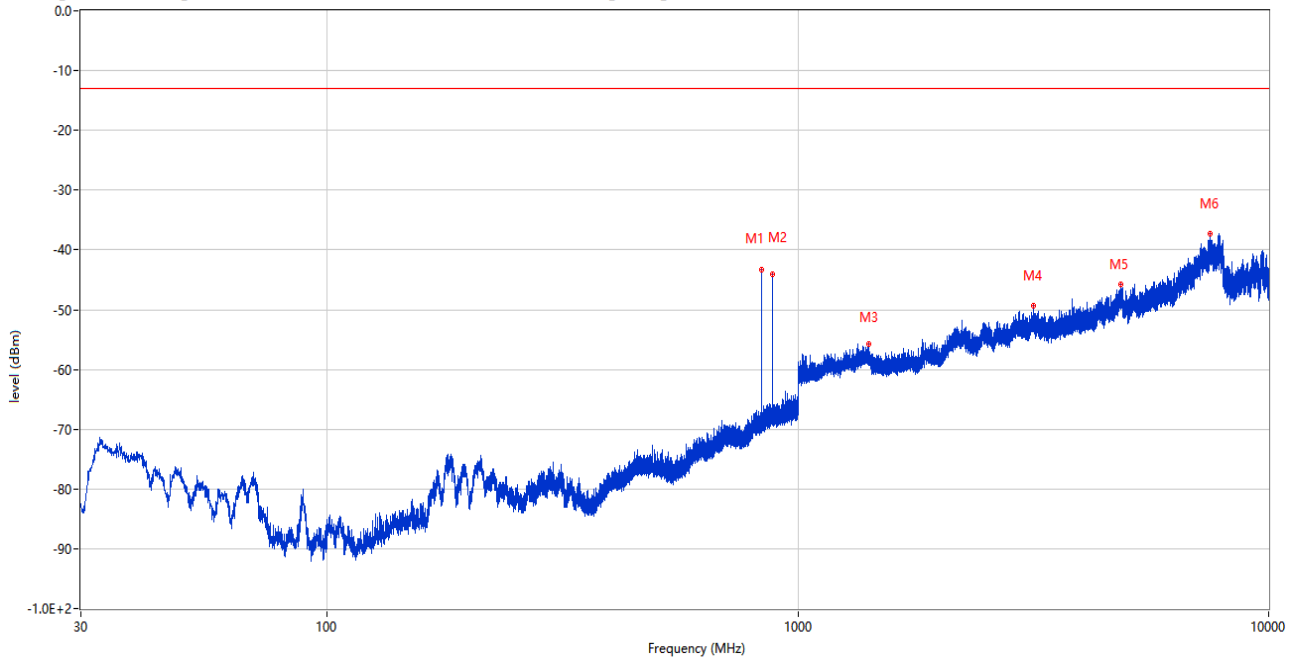


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
836.604	-38.00	2.21	-13.0	25.00	0.00	Vertical	Vertical	N/A
881.563	-44.71	2.45	-13.0	31.71	299.00	Vertical	Vertical	N/A
1673.300	-52.32	-5.08	-13.0	39.32	275.00	Vertical	Vertical	Pass
3169.500	-49.53	5.54	-13.0	36.53	147.00	Vertical	Vertical	Pass
4879.000	-46.19	7.47	-13.0	33.19	286.00	Vertical	Vertical	Pass
7804.500	-37.25	16.25	-13.0	24.25	118.00	Vertical	Vertical	Pass



Band:GSM850,Channel:Mid range

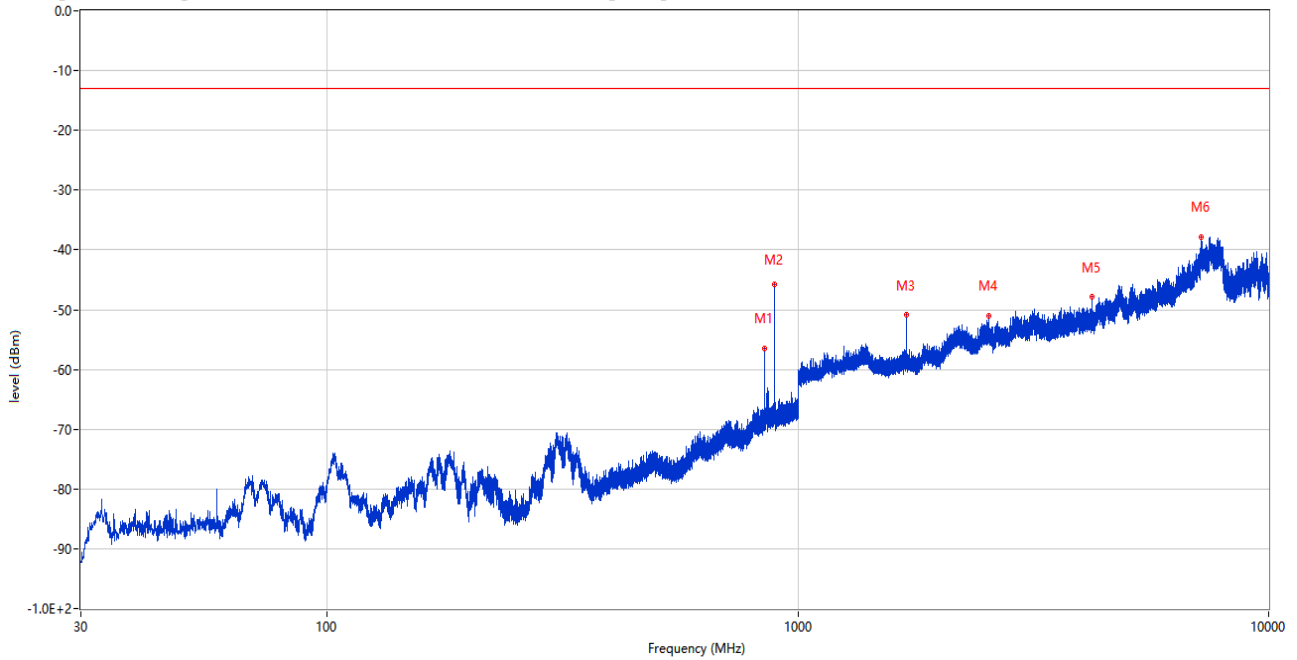
RSE (RF) \_FCC PART22&24&27\_GSM 850 & CDMA BC0 & WCDMA Band5 & LTE Band 5 & 26 & 18 & 19\_814-849\_30MHz-10GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
836.652	-43.26	2.21	-13.0	30.26	339.00	Vertical	Horizontal	N/A
881.612	-44.01	2.45	-13.0	31.01	154.00	Vertical	Horizontal	N/A
1411.500	-55.69	-4.47	-13.0	42.69	170.00	Vertical	Horizontal	Pass
3166.750	-49.43	5.49	-13.0	36.43	164.00	Vertical	Horizontal	Pass
4847.250	-45.76	7.56	-13.0	32.76	209.00	Vertical	Horizontal	Pass
7510.500	-37.22	15.84	-13.0	24.22	246.00	Vertical	Horizontal	Pass

Band:GSM850,Channel:High range

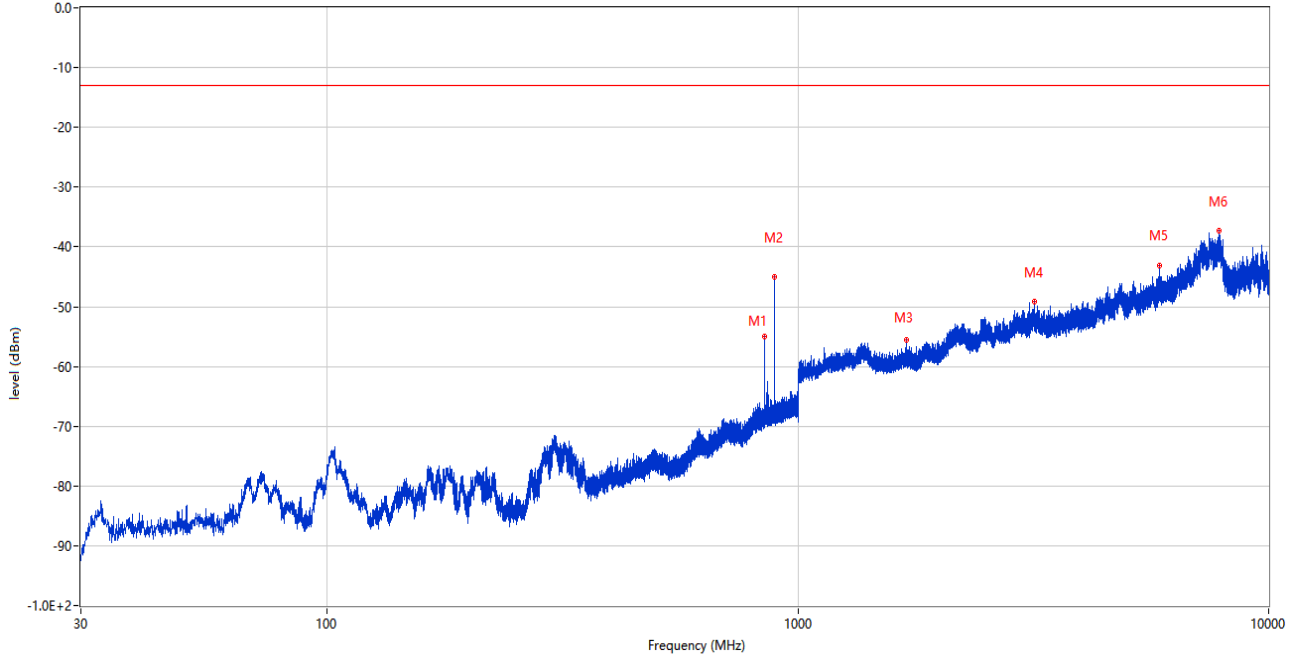
RSE (RF) \_FCC PART22&24&27\_GSM 850 & CDMA BC0 & WCDMA Band5 & LTE Band 5 & 26 & 18 & 19\_814-849\_30MHz-10GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
848.729	-56.51	2.40	-13.0	43.51	45.00	Horizontal	Horizontal	N/A
893.882	-45.82	2.32	-13.0	32.82	276.00	Horizontal	Horizontal	N/A
1697.800	-50.93	-5.37	-13.0	37.93	360.00	Horizontal	Horizontal	Pass
2546.700	-50.99	0.48	-13.0	37.99	0.00	Horizontal	Horizontal	Pass
4224.250	-47.88	5.20	-13.0	34.88	354.00	Horizontal	Horizontal	Pass
7173.500	-37.80	14.90	-13.0	24.80	169.00	Horizontal	Horizontal	Pass

Band:GSM850,Channel:High range

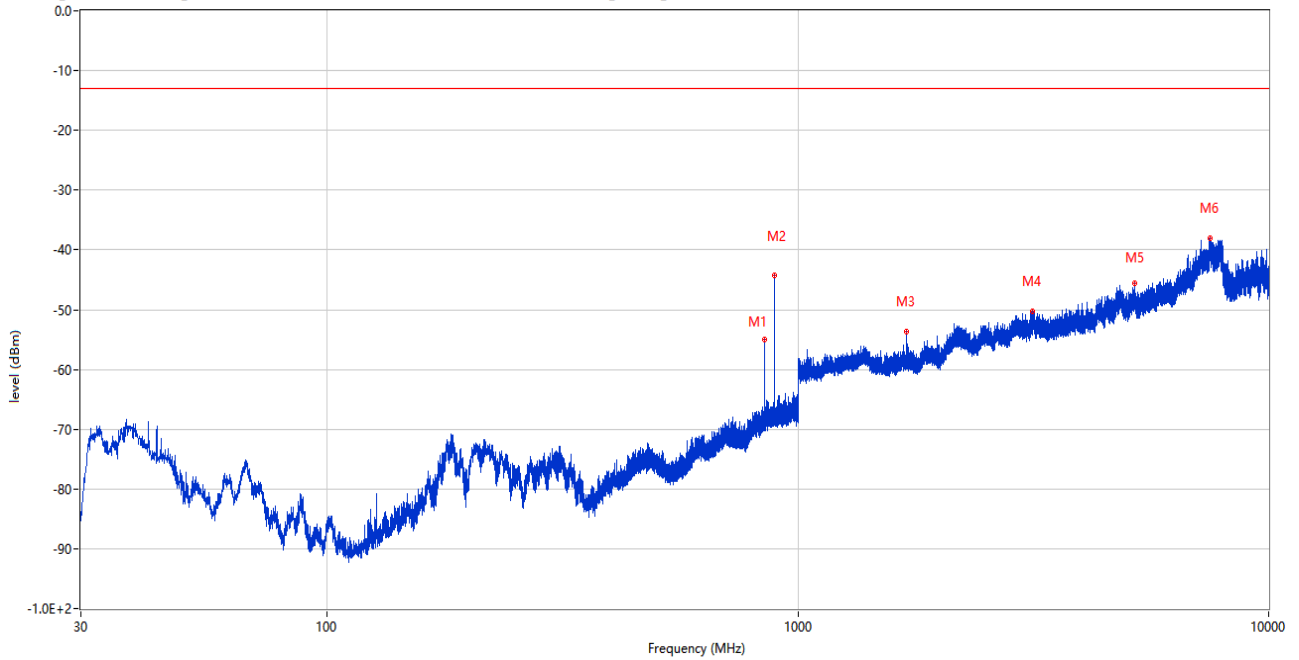
RSE (RF) \_FCC PART22&24&27\_GSM 850 & CDMA BC0 & WCDMA Band5 & LTE Band 5 & 26 & 18 & 19\_814-849\_30MHz-10GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
848.777	-55.04	2.40	-13.0	42.04	340.00	Horizontal	Vertical	N/A
893.785	-45.10	2.31	-13.0	32.10	280.00	Horizontal	Vertical	N/A
1698.100	-55.49	-5.36	-13.0	42.49	336.00	Horizontal	Vertical	Pass
3173.750	-49.23	5.45	-13.0	36.23	166.00	Horizontal	Vertical	Pass
5873.250	-43.04	8.46	-13.0	30.04	221.00	Horizontal	Vertical	Pass
7856.250	-37.34	16.45	-13.0	24.34	301.00	Horizontal	Vertical	Pass

Band:GSM850,Channel:High range

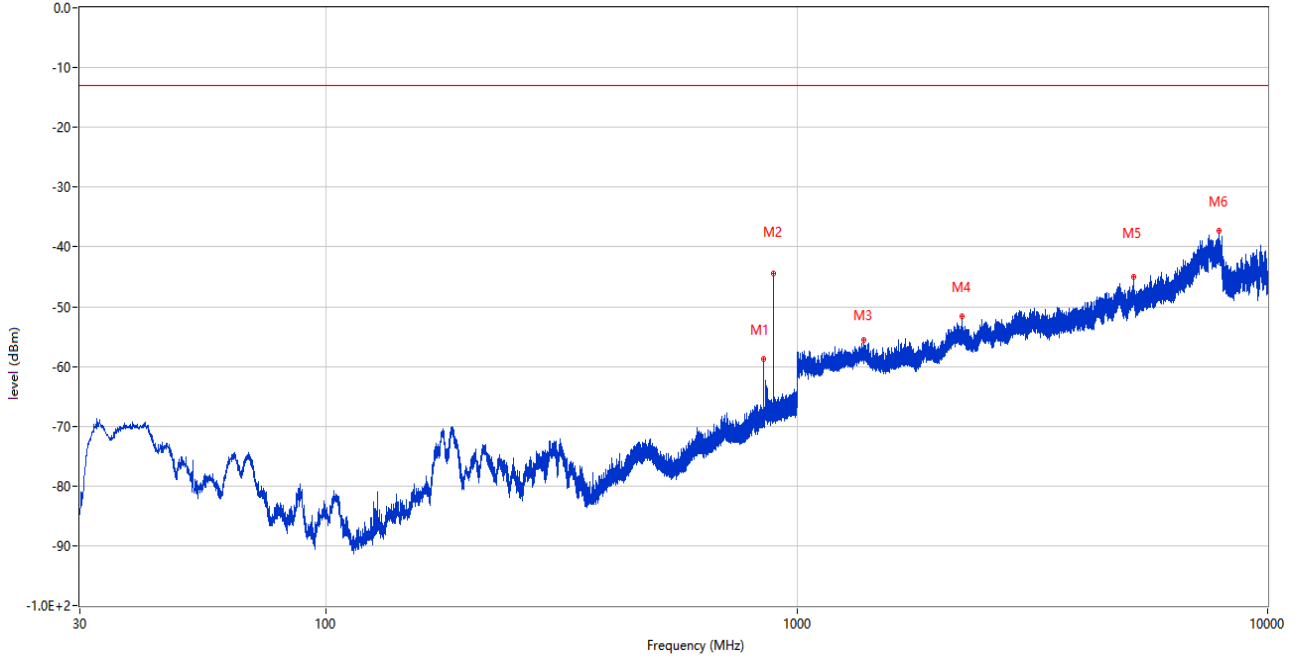
RSE (RF) \_FCC PART22&24&27\_GSM 850 & CDMA BC0 & WCDMA Band5 & LTE Band 5 & 26 & 18 & 19\_814-849\_30MHz-10GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
848.729	-55.02	2.40	-13.0	42.02	359.00	Vertical	Vertical	N/A
893.785	-44.29	2.31	-13.0	31.29	145.00	Vertical	Vertical	N/A
1698.000	-53.63	-5.36	-13.0	40.63	83.00	Vertical	Vertical	Pass
3145.000	-50.24	4.48	-13.0	37.24	187.00	Vertical	Vertical	Pass
5195.250	-45.67	8.62	-13.0	32.67	140.00	Vertical	Vertical	Pass
7526.750	-38.02	16.19	-13.0	25.02	0.00	Vertical	Vertical	Pass

Band:GSM850,Channel:High range

RSE (RF) \_FCC PART22&24&27\_GSM 850 & CDMA BC0 & WCDMA Band5 & LTE Band 5 & 26 & 18 & 19\_814-849\_30MHz-10GHz

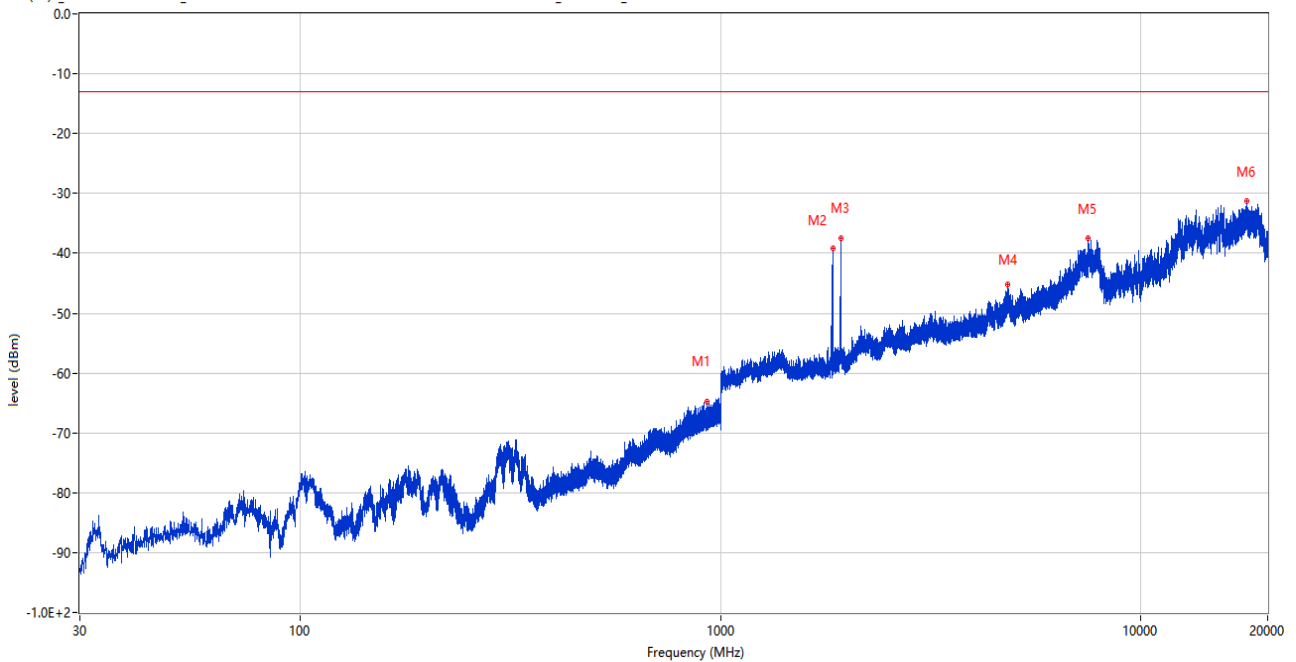


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
848.729	-58.81	2.40	-13.0	45.81	38.00	Vertical	Horizontal	N/A
893.785	-44.45	2.31	-13.0	31.45	146.00	Vertical	Horizontal	N/A
1387.300	-55.65	-3.94	-13.0	42.65	173.00	Vertical	Horizontal	Pass
2240.300	-51.65	-0.39	-13.0	38.65	214.00	Vertical	Horizontal	Pass
5199.750	-44.95	8.51	-13.0	31.95	278.00	Vertical	Horizontal	Pass
7865.000	-37.34	16.85	-13.0	24.34	64.00	Vertical	Horizontal	Pass

## 1.2 GSM 1900

Band:GSM1900,Channel:Low range

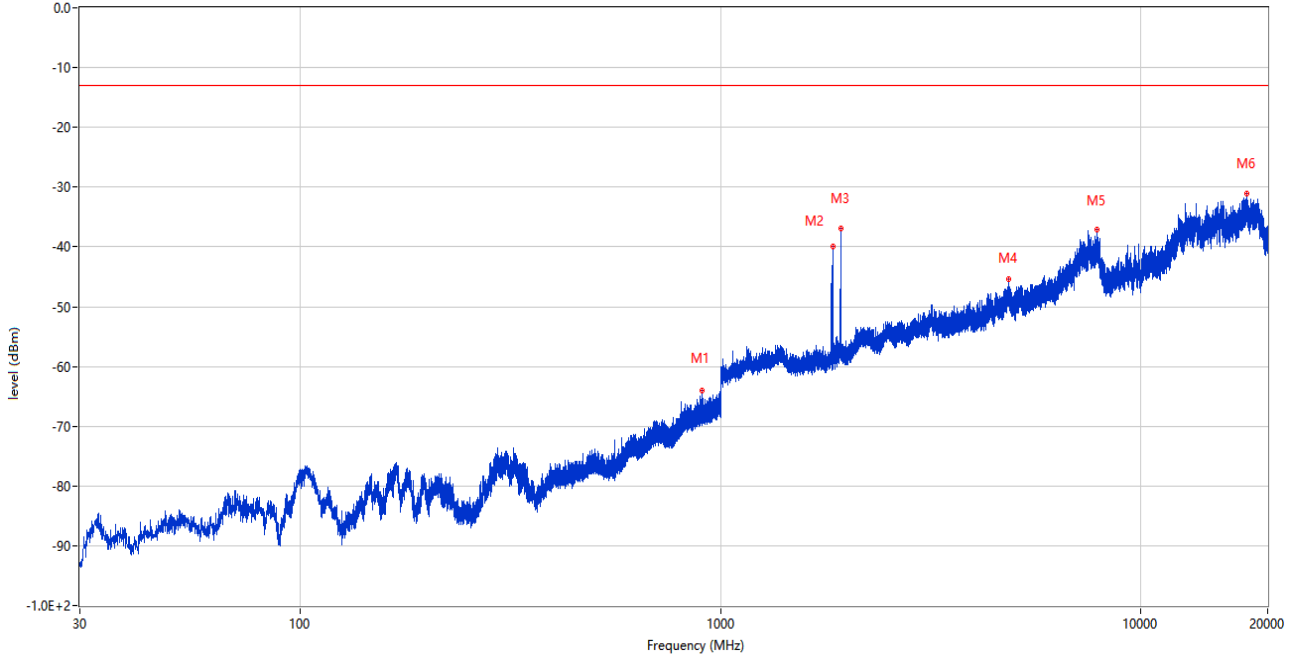
RSE (RF) \_FCC PART22&24&27\_GSM 1900 & CDMA BC1 & WCDMA Band 2 & LTE Band 2 & 25 \_1830-1920\_30MHz-20GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
930.111	-64.70	2.60	-13.0	51.70	0.00	Horizontal	Horizontal	Pass
1850.400	-39.26	-3.52	-13.0	26.26	358.00	Horizontal	Horizontal	N/A
1930.300	-37.50	-3.10	-13.0	24.50	270.00	Horizontal	Horizontal	N/A
4824.500	-45.23	7.67	-13.0	32.23	108.00	Horizontal	Horizontal	Pass
7498.000	-37.51	16.56	-13.0	24.51	190.00	Horizontal	Horizontal	Pass
17797.450	-31.35	26.44	-13.0	18.35	174.00	Horizontal	Horizontal	Pass

Band:GSM1900,Channel:Low range

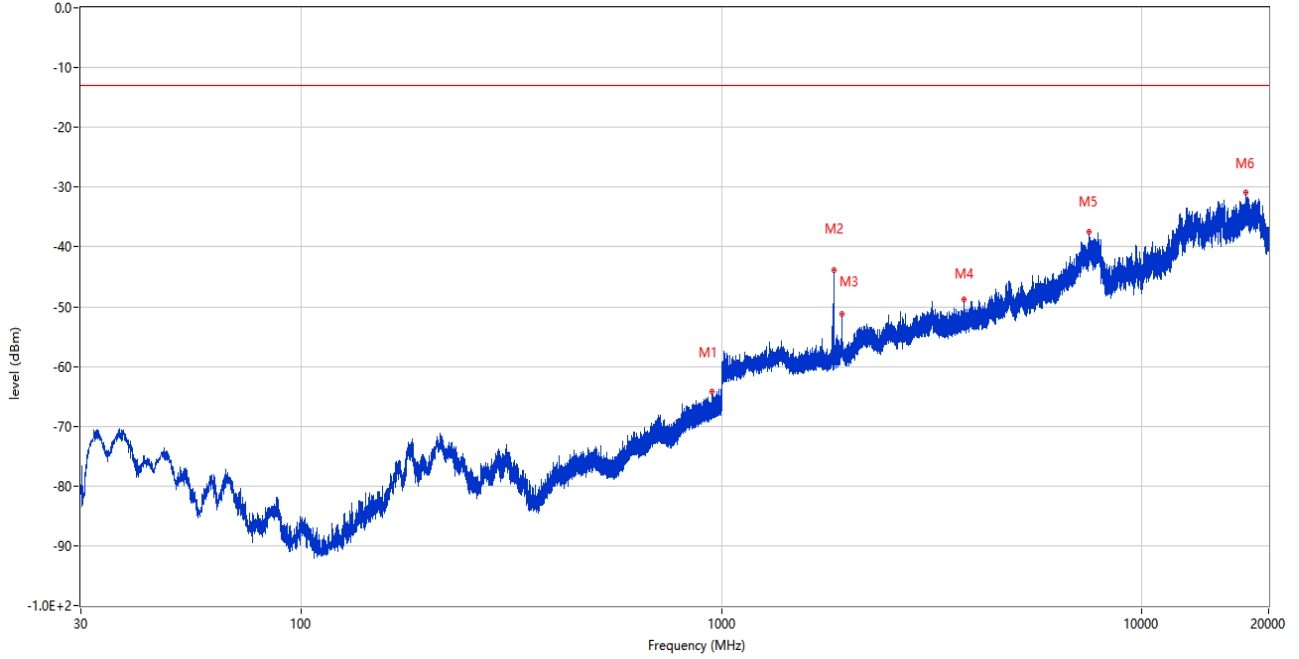
RSE (RF) \_FCC PART22&24&27\_GSM 1900 & CDMA BC1 & WCDMA Band 2 & LTE Band 2 & 25 \_1830-1920\_30MHz-20GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
906.735	-64.12	2.33	-13.0	51.12	45.00	Horizontal	Vertical	Pass
1850.300	-39.91	-3.52	-13.0	26.91	193.00	Horizontal	Vertical	N/A
1930.300	-36.82	-3.10	-13.0	23.82	279.00	Horizontal	Vertical	N/A
4839.750	-45.34	7.65	-13.0	32.34	112.00	Horizontal	Vertical	Pass
7876.000	-37.15	17.12	-13.0	24.15	345.00	Horizontal	Vertical	Pass
17827.537	-31.00	26.13	-13.0	18.00	123.00	Horizontal	Vertical	Pass

Band:GSM1900,Channel:Low range

RSE (RF) \_FCC PART22&24&27\_GSM 1900 & CDMA BC1 & WCDMA Band 2 & LTE Band 2 & 25 \_1830-1920\_30MHz-20GHz

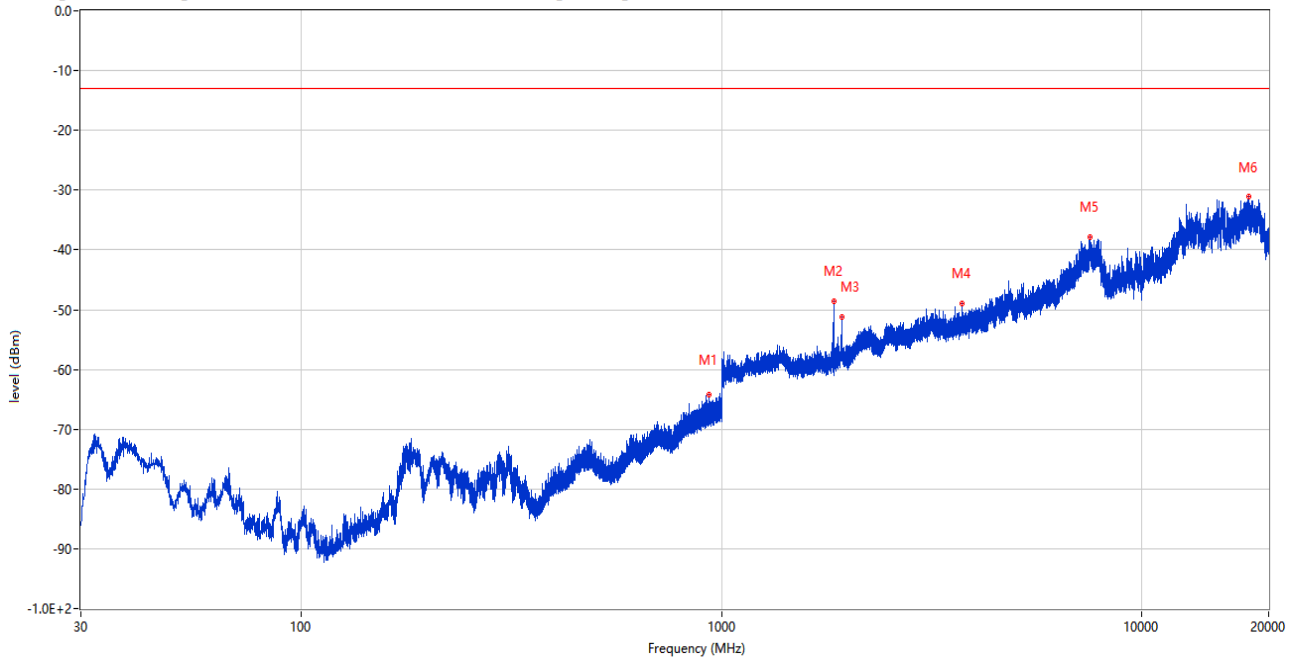


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
951.161	-64.30	2.84	-13.0	51.30	348.00	Vertical	Vertical	Pass
1850.400	-43.96	-3.52	-13.0	30.96	73.00	Vertical	Vertical	N/A
1930.300	-51.18	-3.10	-13.0	38.18	61.00	Vertical	Vertical	N/A
3772.250	-48.81	4.51	-13.0	35.81	220.00	Vertical	Vertical	Pass
7488.500	-37.40	16.80	-13.0	24.40	163.00	Vertical	Vertical	Pass
17648.464	-30.92	25.48	-13.0	17.92	119.00	Vertical	Vertical	Pass



Band:GSM1900,Channel:Low range

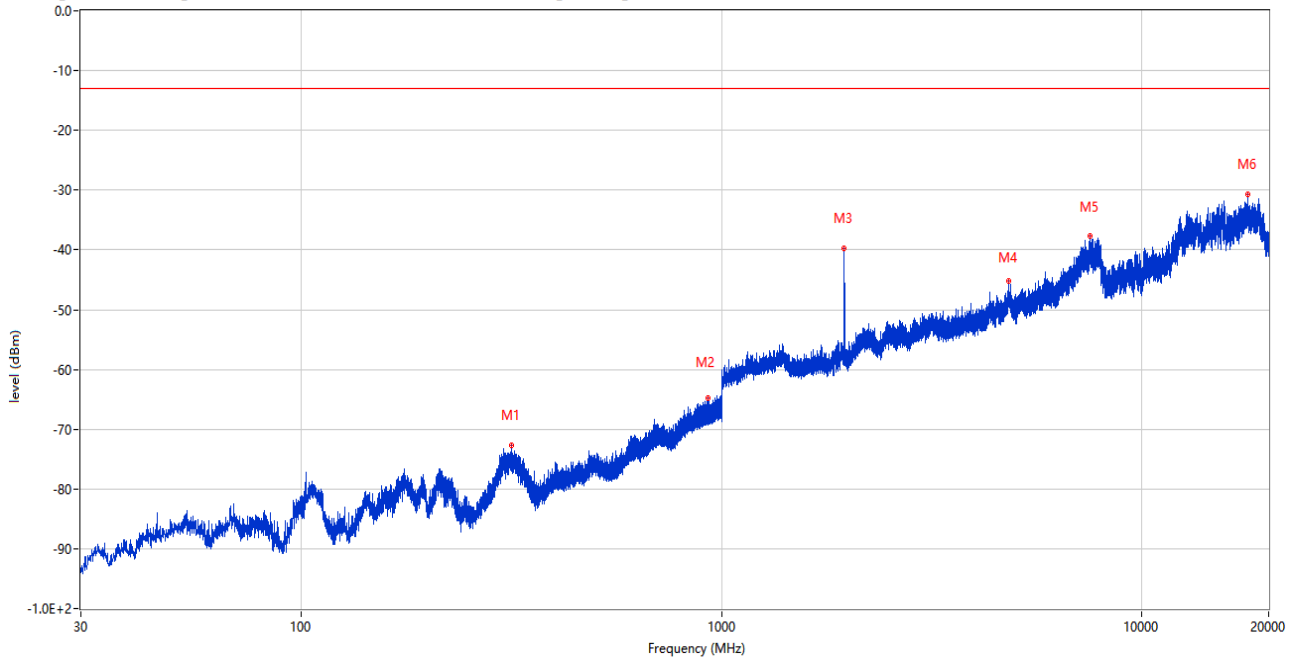
RSE (RF) \_FCC PART22&24&27\_GSM 1900 & CDMA BC1 & WCDMA Band 2 & LTE Band 2 & 25 \_1830-1920\_30MHz-20GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
934.865	-64.13	2.63	-13.0	51.13	203.00	Vertical	Horizontal	Pass
1850.300	-48.57	-3.52	-13.0	35.57	67.00	Vertical	Horizontal	N/A
1930.500	-51.27	-3.19	-13.0	38.27	236.00	Vertical	Horizontal	N/A
3727.250	-48.88	5.17	-13.0	35.88	23.00	Vertical	Horizontal	Pass
7524.000	-37.89	16.12	-13.0	24.89	32.00	Vertical	Horizontal	Pass
17893.511	-31.10	25.52	-13.0	18.10	340.00	Vertical	Horizontal	Pass

Band:GSM1900,Channel:Mid range

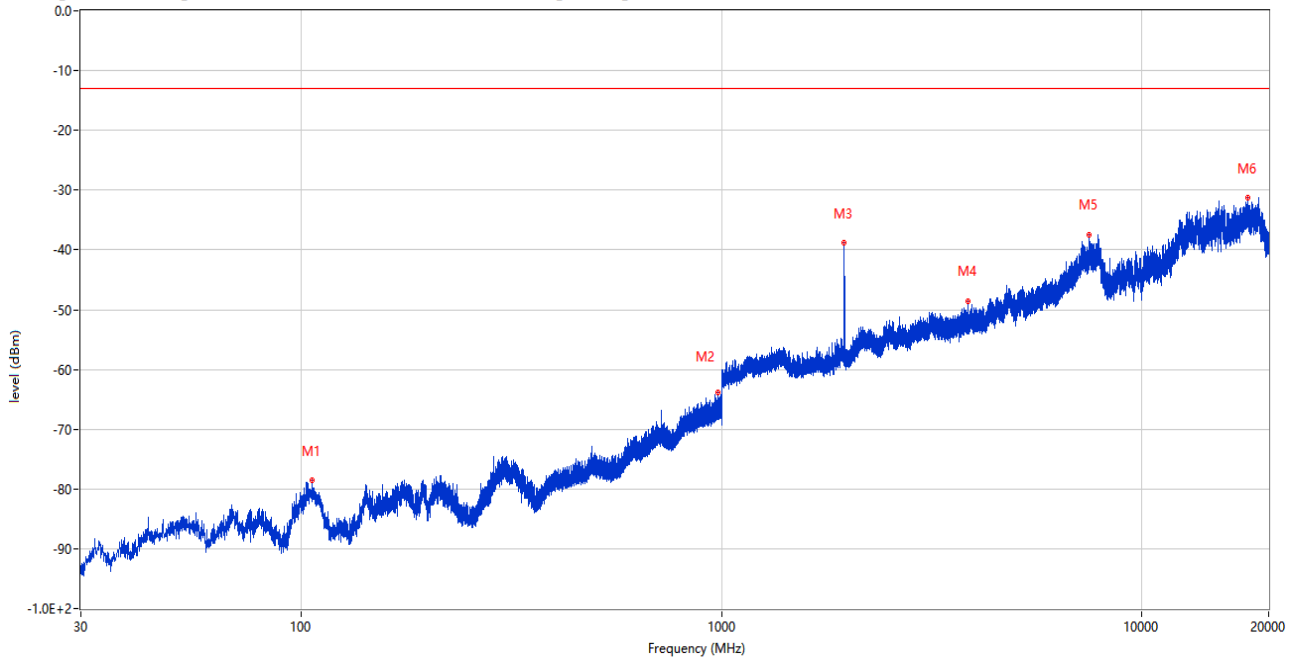
RSE (RF) \_FCC PART22&24&27\_GSM 1900 & CDMA BC1 & WCDMA Band 2 & LTE Band 2 & 25 \_1830-1920\_30MHz-20GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
316.490	-72.65	-12.82	-13.0	59.65	64.00	Horizontal	Horizontal	Pass
928.511	-64.80	2.63	-13.0	51.80	220.00	Horizontal	Horizontal	Pass
1960.100	-39.66	-4.46	-13.0	26.66	272.00	Horizontal	Horizontal	N/A
4827.250	-45.29	7.65	-13.0	32.29	231.00	Horizontal	Horizontal	Pass
7511.250	-37.75	15.83	-13.0	24.75	355.00	Horizontal	Horizontal	Pass
17810.137	-30.64	26.35	-13.0	17.64	227.00	Horizontal	Horizontal	Pass

Band:GSM1900,Channel:Mid range

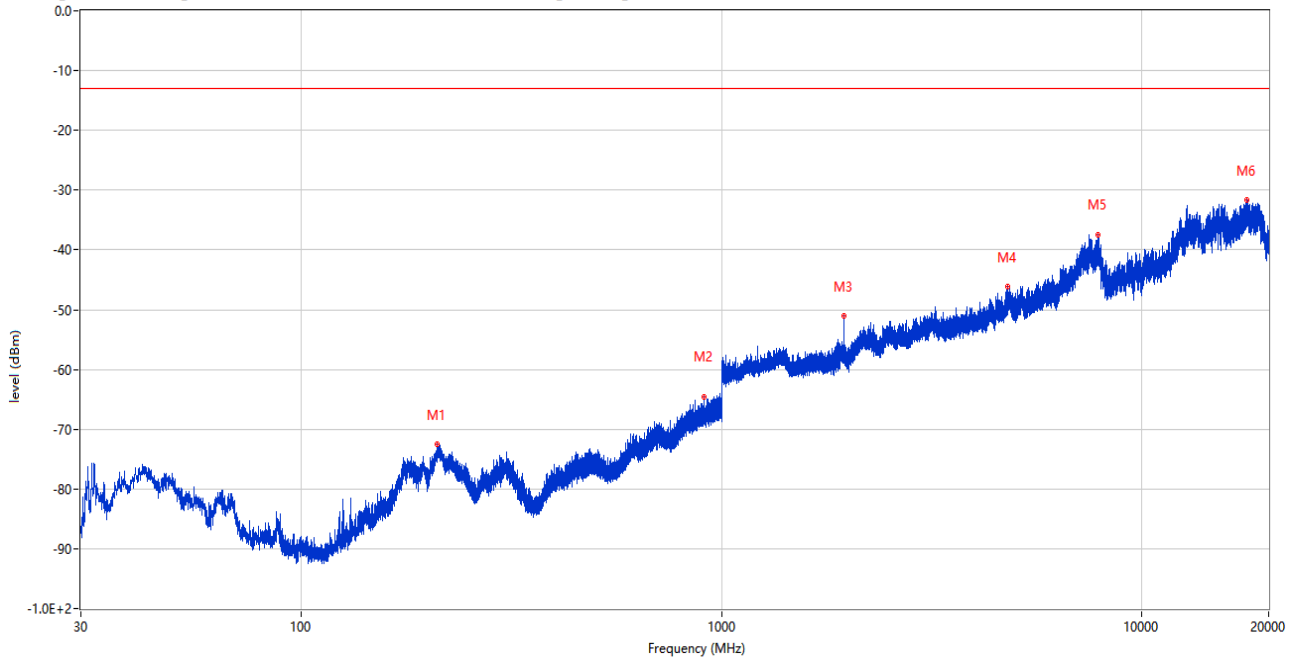
RSE (RF) \_FCC PART22&24&27\_GSM 1900 & CDMA BC1 & WCDMA Band 2 & LTE Band 2 & 25 \_1830-1920\_30MHz-20GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
106.339	-78.50	-21.16	-13.0	65.50	45.00	Horizontal	Vertical	Pass
980.745	-63.93	3.71	-13.0	50.93	280.00	Horizontal	Vertical	Pass
1960.300	-38.82	-4.44	-13.0	25.82	272.00	Horizontal	Vertical	N/A
3846.750	-48.57	5.54	-13.0	35.57	360.00	Horizontal	Vertical	Pass
7494.750	-37.43	16.77	-13.0	24.43	310.00	Horizontal	Vertical	Pass
17805.062	-31.35	26.41	-13.0	18.35	333.00	Horizontal	Vertical	Pass

Band:GSM1900,Channel:Mid range

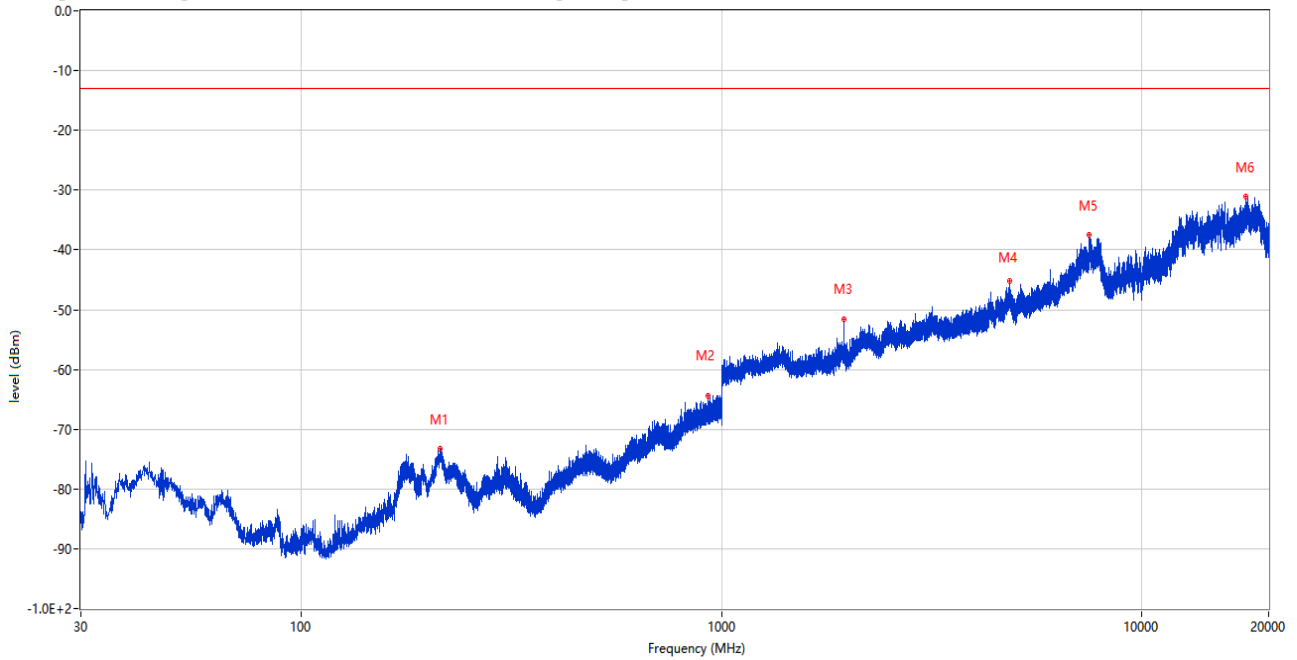
RSE (RF) \_FCC PART22&24&27\_GSM 1900 & CDMA BC1 & WCDMA Band 2 & LTE Band 2 & 25 \_1830-1920\_30MHz-20GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
211.002	-72.59	-15.48	-13.0	59.59	185.00	Vertical	Vertical	Pass
907.317	-64.62	2.34	-13.0	51.62	193.00	Vertical	Vertical	Pass
1960.200	-51.10	-4.45	-13.0	38.10	231.00	Vertical	Vertical	N/A
4780.000	-46.17	7.50	-13.0	33.17	123.00	Vertical	Vertical	Pass
7861.250	-37.42	16.72	-13.0	24.42	262.00	Vertical	Vertical	Pass
17719.876	-31.71	25.51	-13.0	18.71	242.00	Vertical	Vertical	Pass

Band:GSM1900,Channel:Mid range

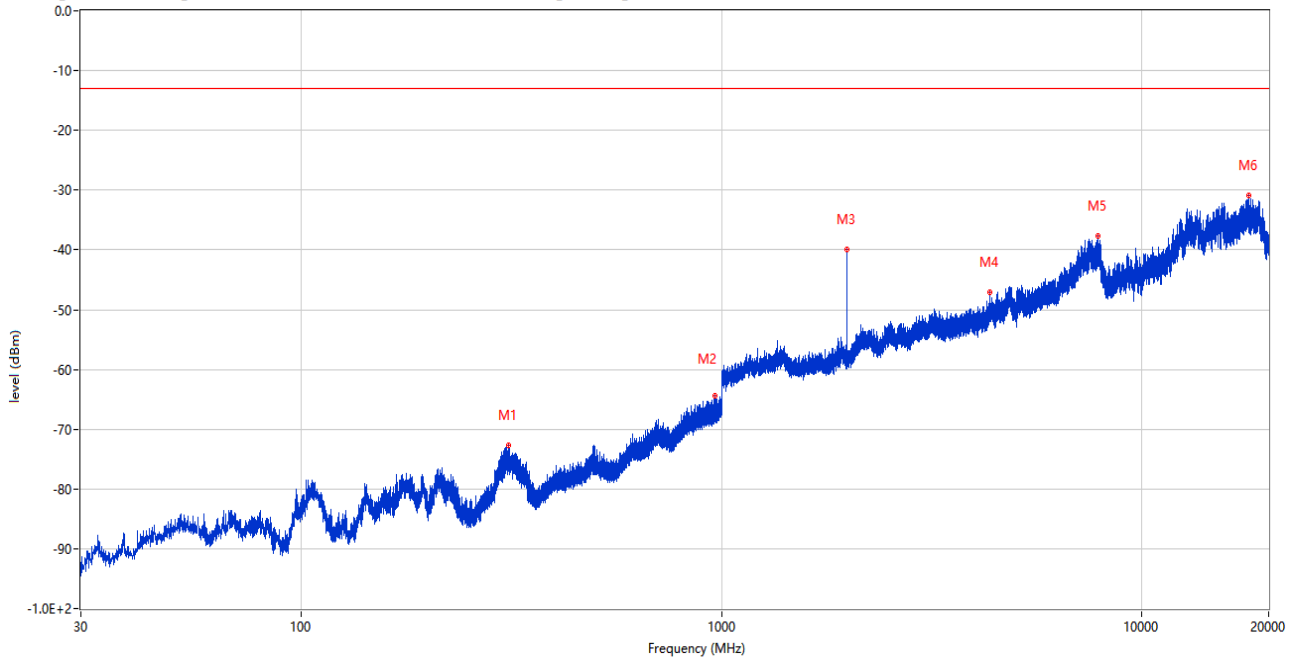
RSE (RF) \_FCC PART22&24&27\_GSM 1900 & CDMA BC1 & WCDMA Band 2 & LTE Band 2 & 25 \_1830-1920\_30MHz-20GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
213.912	-73.35	-15.39	-13.0	60.35	187.00	Vertical	Horizontal	Pass
931.518	-64.46	2.57	-13.0	51.46	252.00	Vertical	Horizontal	Pass
1960.200	-51.51	-4.45	-13.0	38.51	229.00	Vertical	Horizontal	N/A
4834.750	-45.18	7.63	-13.0	32.18	293.00	Vertical	Horizontal	Pass
7496.250	-37.57	16.67	-13.0	24.57	360.00	Vertical	Horizontal	Pass
17603.150	-31.14	25.84	-13.0	18.14	33.00	Vertical	Horizontal	Pass

Band:GSM1900,Channel:High range

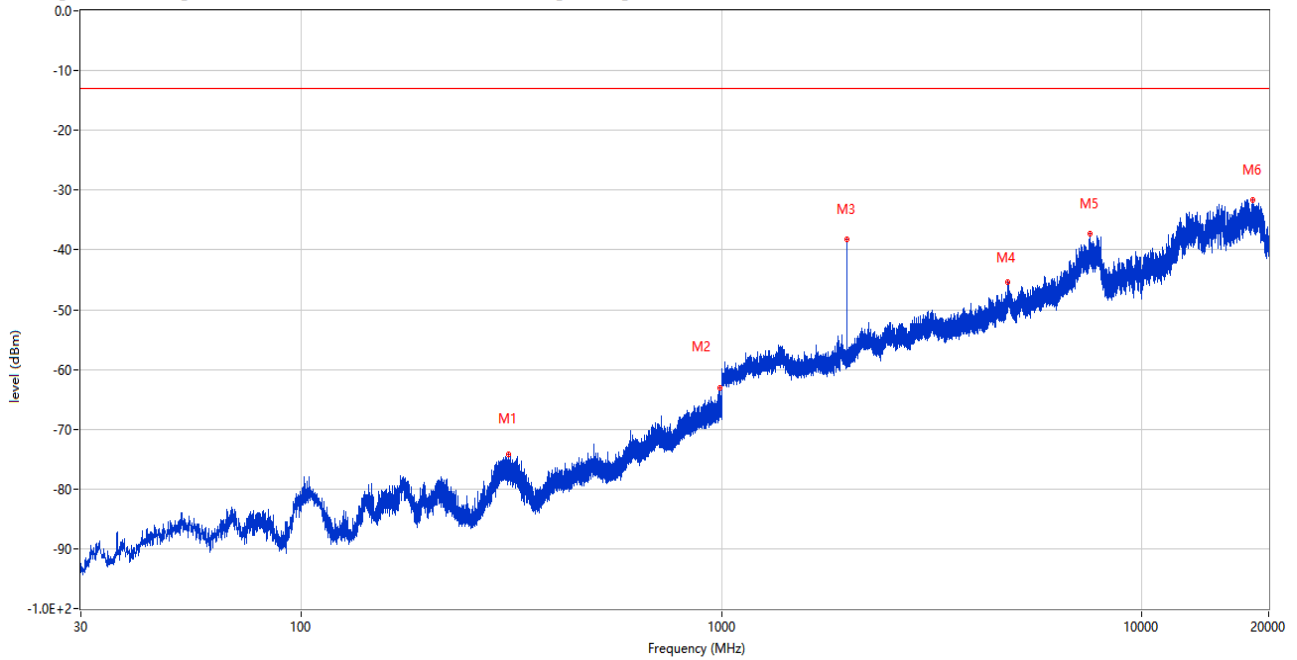
RSE (RF) \_FCC PART22&24&27\_GSM 1900 & CDMA BC1 & WCDMA Band 2 & LTE Band 2 & 25 \_1830-1920\_30MHz-20GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
311.834	-72.70	-12.82	-13.0	59.70	23.00	Horizontal	Horizontal	Pass
966.390	-64.49	3.33	-13.0	51.49	244.00	Horizontal	Horizontal	Pass
1990.100	-39.85	-4.40	-13.0	26.85	265.00	Horizontal	Horizontal	N/A
4338.500	-47.08	6.90	-13.0	34.08	61.00	Horizontal	Horizontal	Pass
7859.750	-37.59	16.62	-13.0	24.59	353.00	Horizontal	Horizontal	Pass
17892.426	-30.80	25.53	-13.0	17.80	69.00	Horizontal	Horizontal	Pass

Band:GSM1900,Channel:High range

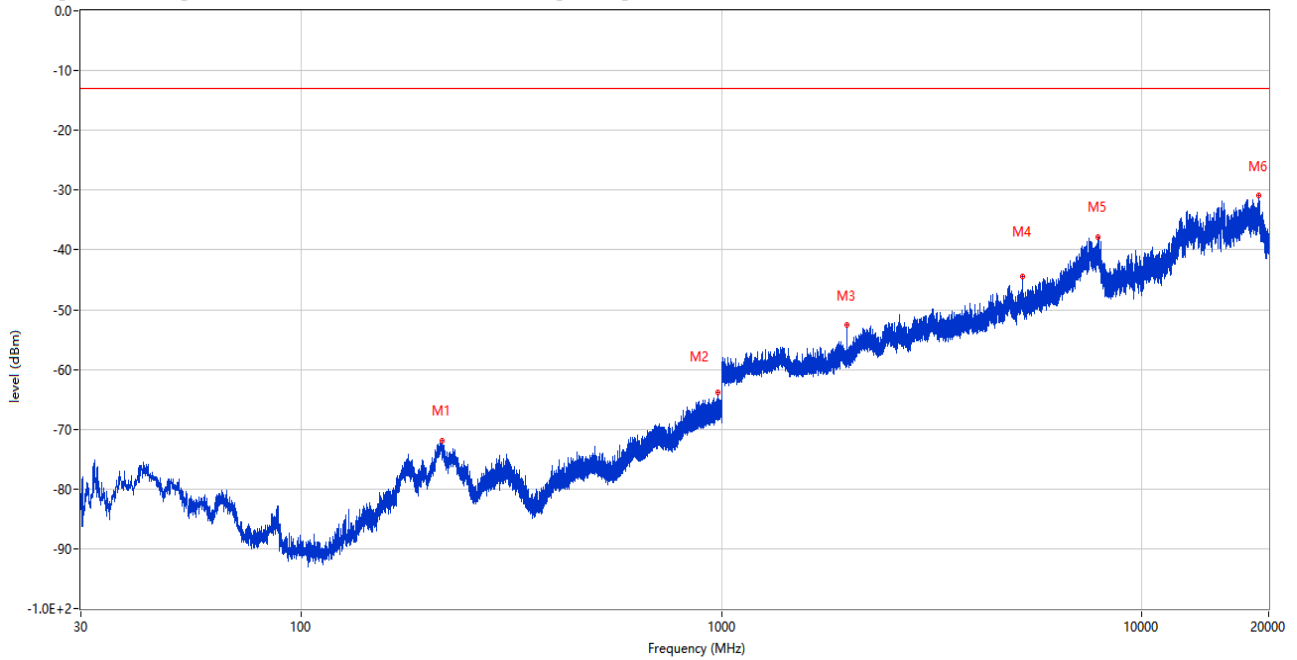
RSE (RF) \_FCC PART22&24&27\_GSM 1900 & CDMA BC1 & WCDMA Band 2 & LTE Band 2 & 25 \_1830-1920\_30MHz-20GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
311.446	-74.26	-12.82	-13.0	61.26	25.00	Horizontal	Vertical	Pass
992.385	-63.15	4.01	-13.0	50.15	224.00	Horizontal	Vertical	Pass
1990.000	-38.19	-4.40	-13.0	25.19	275.00	Horizontal	Vertical	N/A
4801.250	-45.46	8.01	-13.0	32.46	247.00	Horizontal	Vertical	Pass
7510.000	-37.24	15.86	-13.0	24.24	292.00	Horizontal	Vertical	Pass
18300.963	-31.57	24.62	-13.0	18.57	71.00	Horizontal	Vertical	Pass

Band:GSM1900,Channel:High range

RSE (RF) \_FCC PART22&24&27\_GSM 1900 & CDMA BC1 & WCDMA Band 2 & LTE Band 2 & 25 \_1830-1920\_30MHz-20GHz

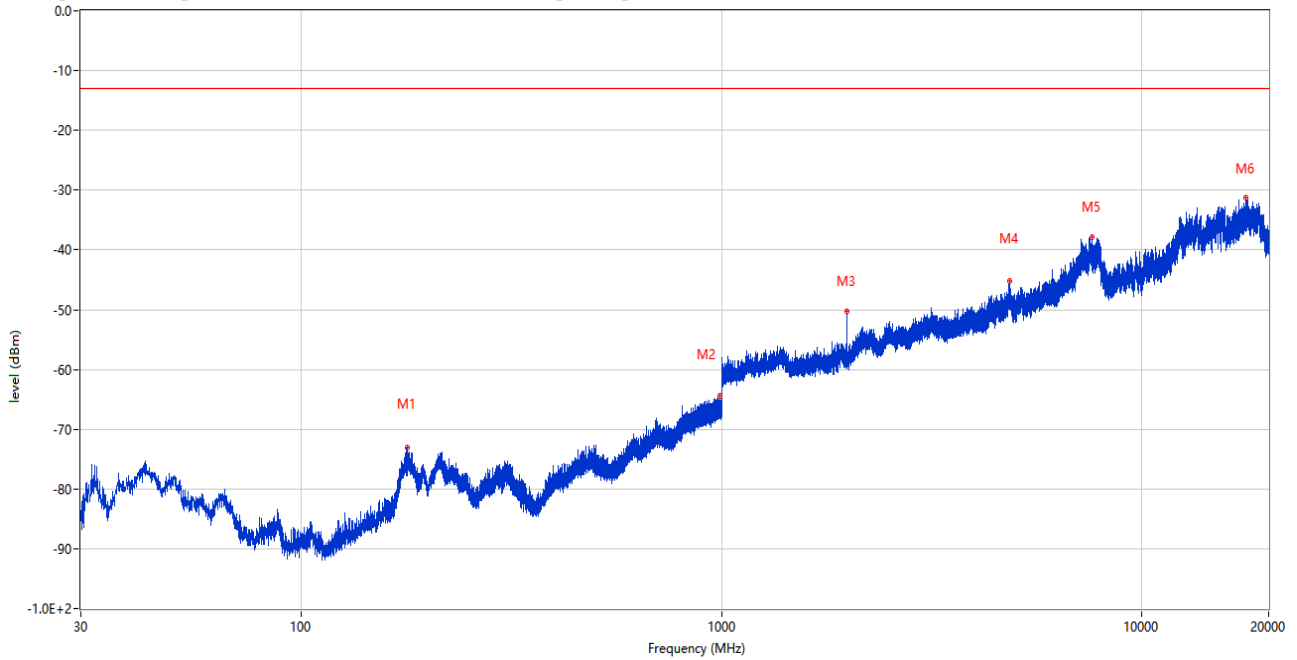


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
216.725	-71.85	-15.15	-13.0	58.85	177.00	Vertical	Vertical	Pass
982.152	-63.88	3.77	-13.0	50.88	285.00	Vertical	Vertical	Pass
1989.900	-52.59	-4.40	-13.0	39.59	225.00	Vertical	Vertical	N/A
5196.500	-44.46	8.62	-13.0	31.46	325.00	Vertical	Vertical	Pass
7876.000	-37.86	17.12	-13.0	24.86	360.00	Vertical	Vertical	Pass
18935.337	-30.92	24.02	-13.0	17.92	360.00	Vertical	Vertical	Pass



Band:GSM1900,Channel:High range

RSE (RF) \_FCC PART22&24&27\_GSM 1900 & CDMA BC1 & WCDMA Band 2 & LTE Band 2 & 25 \_1830-1920\_30MHz-20GHz



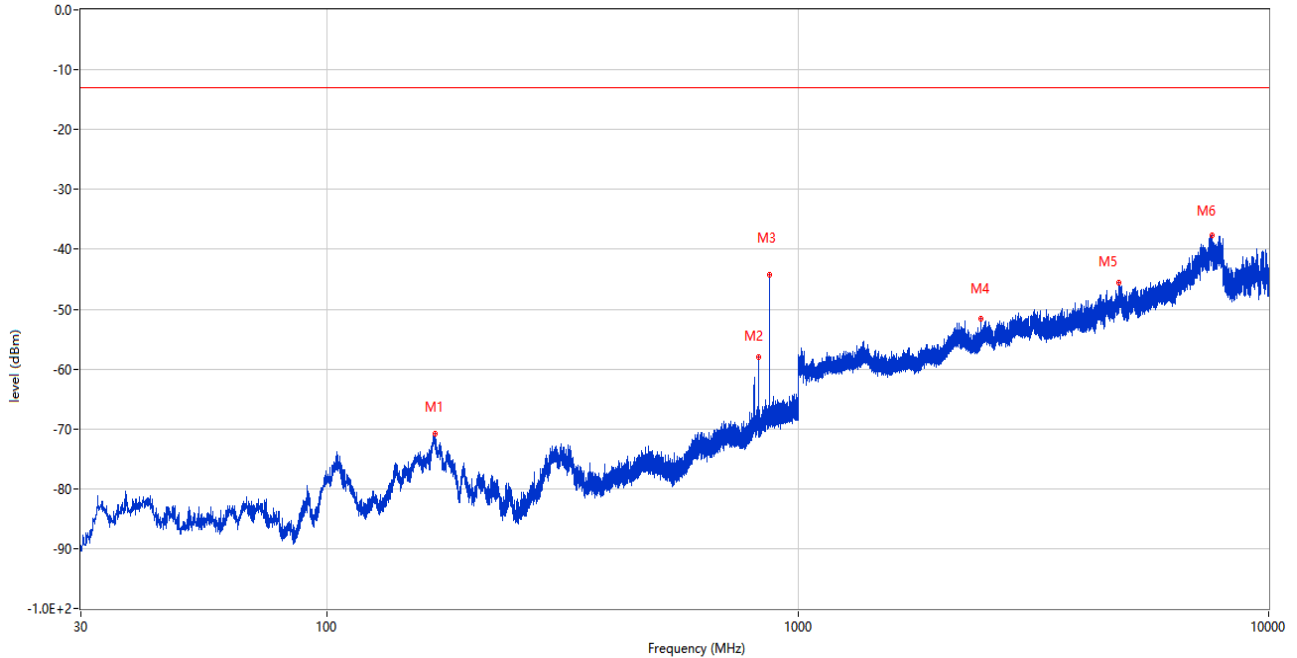
Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
179.380	-72.99	-15.16	-13.0	59.99	294.00	Vertical	Horizontal	Pass
993.986	-64.48	4.04	-13.0	51.48	360.00	Vertical	Horizontal	Pass
1990.300	-50.20	-4.40	-13.0	37.20	228.00	Vertical	Horizontal	N/A
4838.250	-45.28	7.60	-13.0	32.28	271.00	Vertical	Horizontal	Pass
7588.750	-37.85	16.04	-13.0	24.85	309.00	Vertical	Horizontal	Pass
17606.412	-31.31	25.82	-13.0	18.31	0.00	Vertical	Horizontal	Pass

## 2. EGPRS

### 2.1 EGPRS 850

Band:EGPRS850,Channel:LOW range

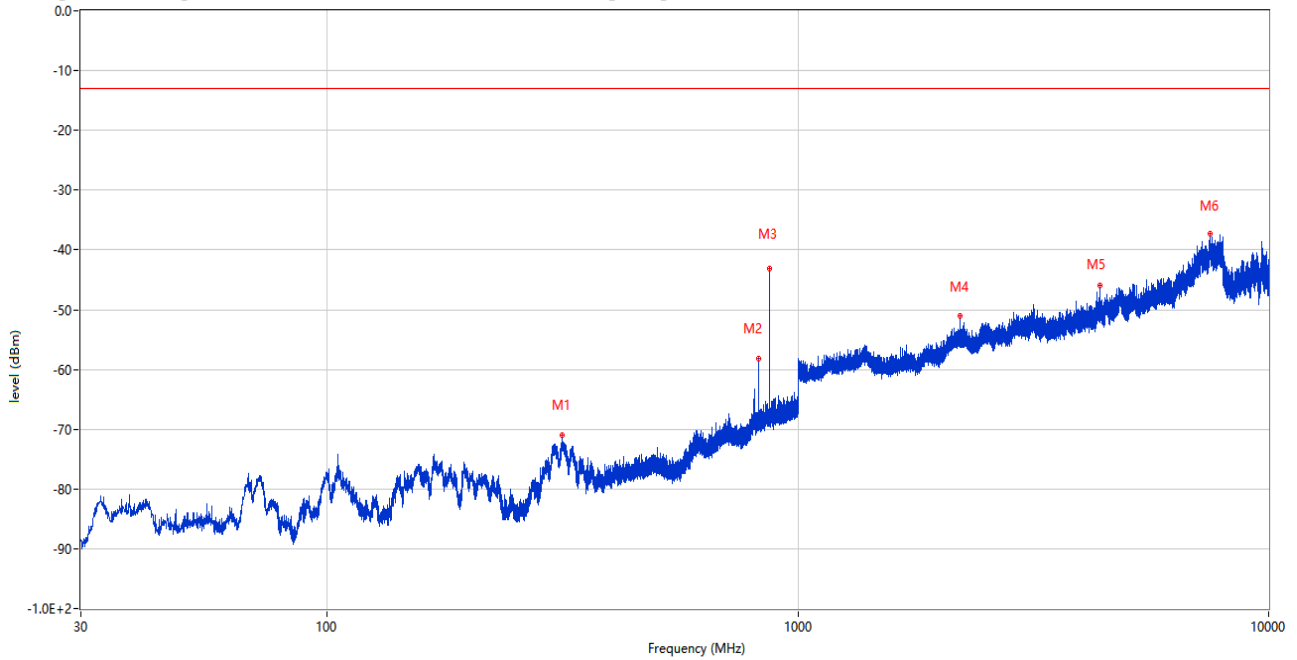
RSE (RF) \_FCC PART22&24&27\_GSM 850 & CDMA BC0 & WCDMA Band5 & LTE Band 5 & 26 & 18 & 19\_814-849\_30MHz-10GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
169.244	-70.88	-15.82	-13.0	57.88	169.00	Horizontal	Horizontal	Pass
824.139	-58.02	1.95	-13.0	45.02	305.00	Horizontal	Horizontal	N/A
869.244	-44.25	2.10	-13.0	31.25	287.00	Horizontal	Horizontal	N/A
2447.900	-51.53	-0.31	-13.0	38.53	172.00	Horizontal	Horizontal	Pass
4810.750	-45.54	8.01	-13.0	32.54	43.00	Horizontal	Horizontal	Pass
7594.000	-37.70	16.39	-13.0	24.70	62.00	Horizontal	Horizontal	Pass

Band:EGPRS850,Channel:LOW range

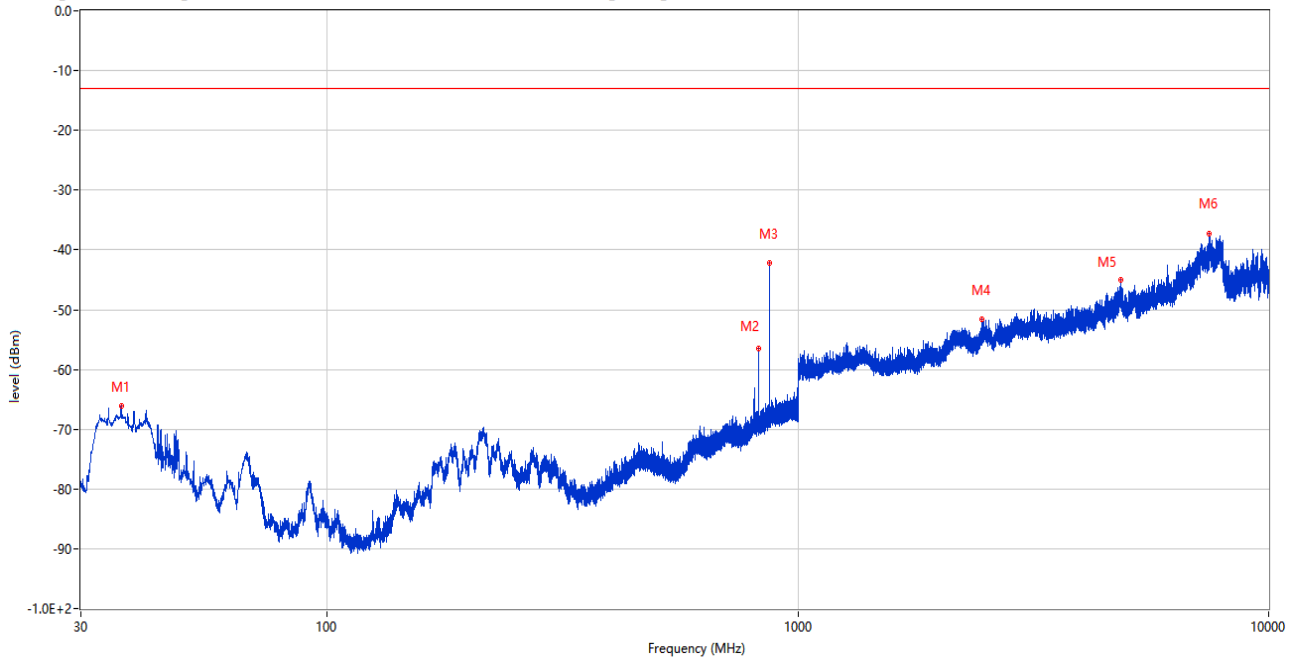
RSE (RF) \_FCC PART22&24&27\_GSM 850 & CDMA BC0 & WCDMA Band5 & LTE Band 5 & 26 & 18 & 19\_814-849\_30MHz-10GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
316.102	-71.00	-12.83	-13.0	58.00	360.00	Horizontal	Vertical	Pass
824.188	-58.27	1.96	-13.0	45.27	0.00	Horizontal	Vertical	N/A
869.244	-43.22	2.10	-13.0	30.22	284.00	Horizontal	Vertical	N/A
2208.900	-51.12	-0.64	-13.0	38.12	162.00	Horizontal	Vertical	Pass
4386.000	-46.00	6.09	-13.0	33.00	25.00	Horizontal	Vertical	Pass
7492.500	-37.34	16.74	-13.0	24.34	100.00	Horizontal	Vertical	Pass

Band:EGPRS850,Channel:LOW range

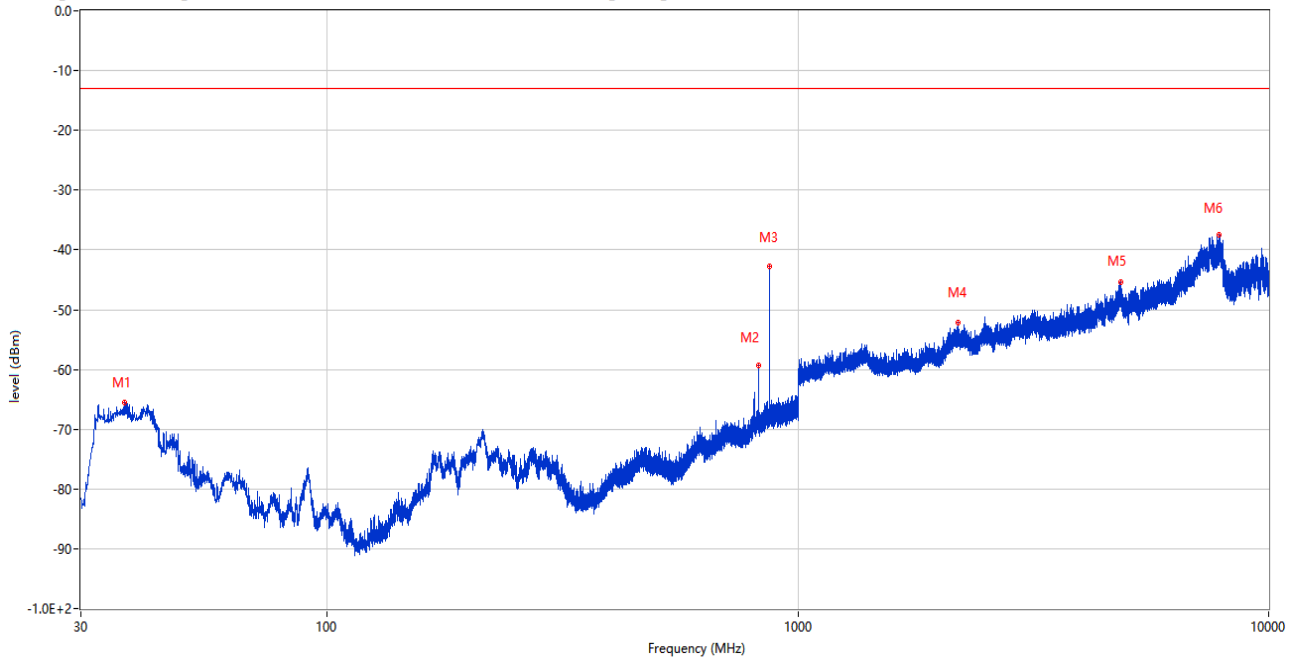
RSE (RF) \_FCC PART22&24&27\_GSM 850 & CDMA BC0 & WCDMA Band5 & LTE Band 5 & 26 & 18 & 19\_814-849\_30MHz-10GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
36.645	-66.19	-19.43	-13.0	53.19	156.00	Vertical	Vertical	Pass
824.236	-56.50	1.96	-13.0	43.50	360.00	Vertical	Vertical	N/A
869.244	-42.24	2.10	-13.0	29.24	10.00	Vertical	Vertical	N/A
2460.800	-51.69	-0.63	-13.0	38.69	261.00	Vertical	Vertical	Pass
4857.500	-45.10	7.88	-13.0	32.10	42.00	Vertical	Vertical	Pass
7488.500	-37.21	16.80	-13.0	24.21	360.00	Vertical	Vertical	Pass

Band:EGPRS850,Channel:LOW range

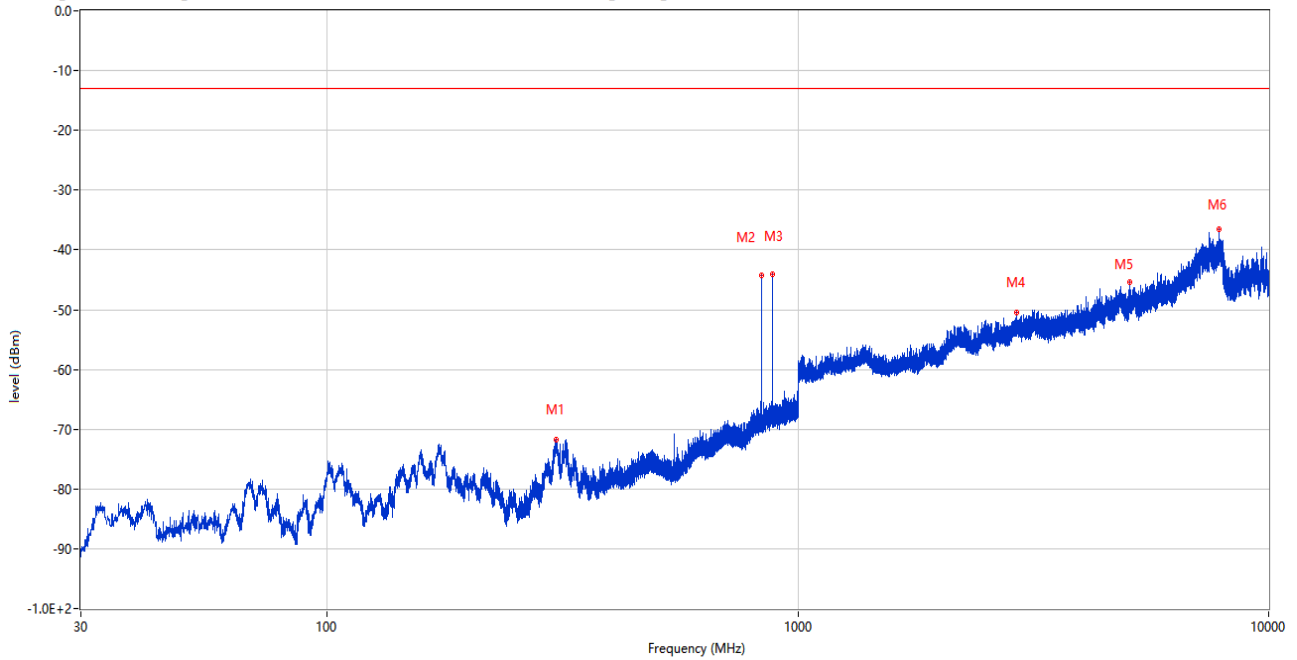
RSE (RF) \_FCC PART22&24&27\_GSM 850 & CDMA BC0 & WCDMA Band5 & LTE Band 5 & 26 & 18 & 19\_814-849\_30MHz-10GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
37.081	-65.56	-19.08	-13.0	52.56	103.00	Vertical	Horizontal	Pass
824.236	-59.37	1.96	-13.0	46.37	350.00	Vertical	Horizontal	N/A
869.147	-42.84	2.10	-13.0	29.84	272.00	Vertical	Horizontal	N/A
2193.100	-52.12	-0.81	-13.0	39.12	138.00	Vertical	Horizontal	Pass
4863.750	-45.32	7.84	-13.0	32.32	77.00	Vertical	Horizontal	Pass
7863.250	-37.54	16.81	-13.0	24.54	185.00	Vertical	Horizontal	Pass

Band:EGPRS850,Channel:Mid range

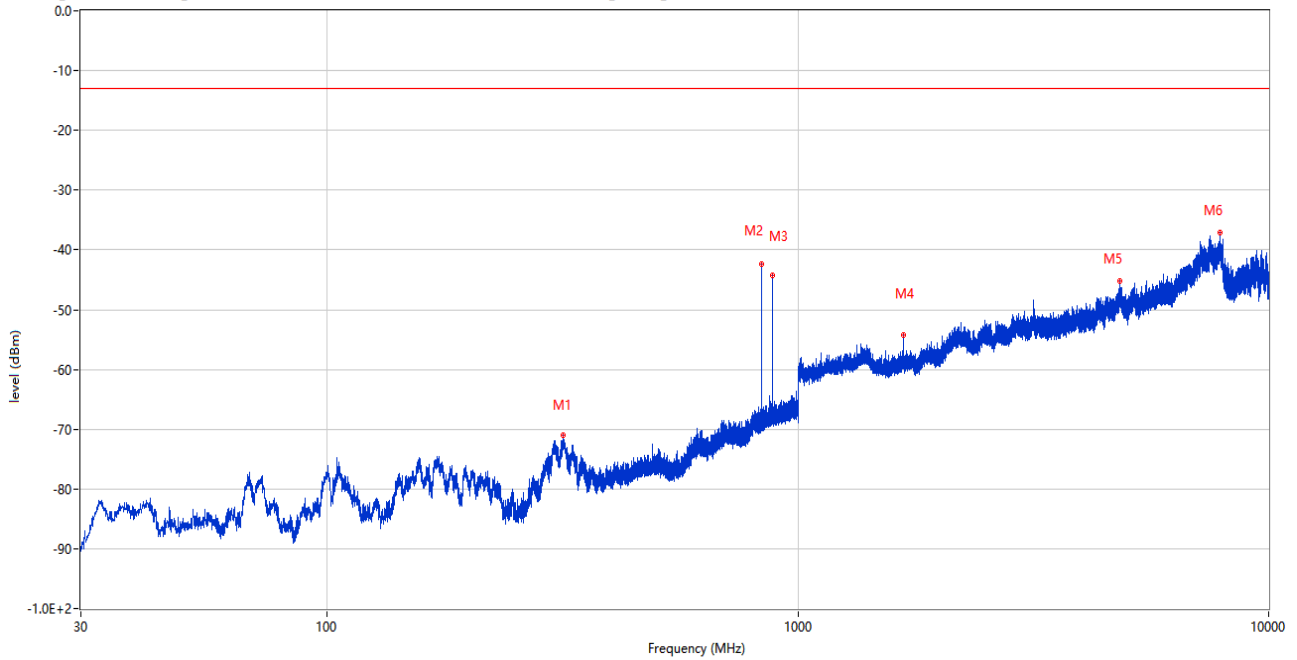
RSE (RF) \_FCC PART22&24&27\_GSM 850 & CDMA BC0 & WCDMA Band5 & LTE Band 5 & 26 & 18 & 19\_814-849\_30MHz-10GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
306.498	-71.74	-12.50	-13.0	58.74	0.00	Horizontal	Horizontal	Pass
836.555	-44.21	2.21	-13.0	31.21	309.00	Horizontal	Horizontal	N/A
881.612	-44.09	2.45	-13.0	31.09	287.00	Horizontal	Horizontal	N/A
2913.700	-50.47	2.11	-13.0	37.47	109.00	Horizontal	Horizontal	Pass
5074.250	-45.35	8.02	-13.0	32.35	321.00	Horizontal	Horizontal	Pass
7863.750	-36.61	16.82	-13.0	23.61	51.00	Horizontal	Horizontal	Pass

Band:EGPRS850,Channel:Mid range

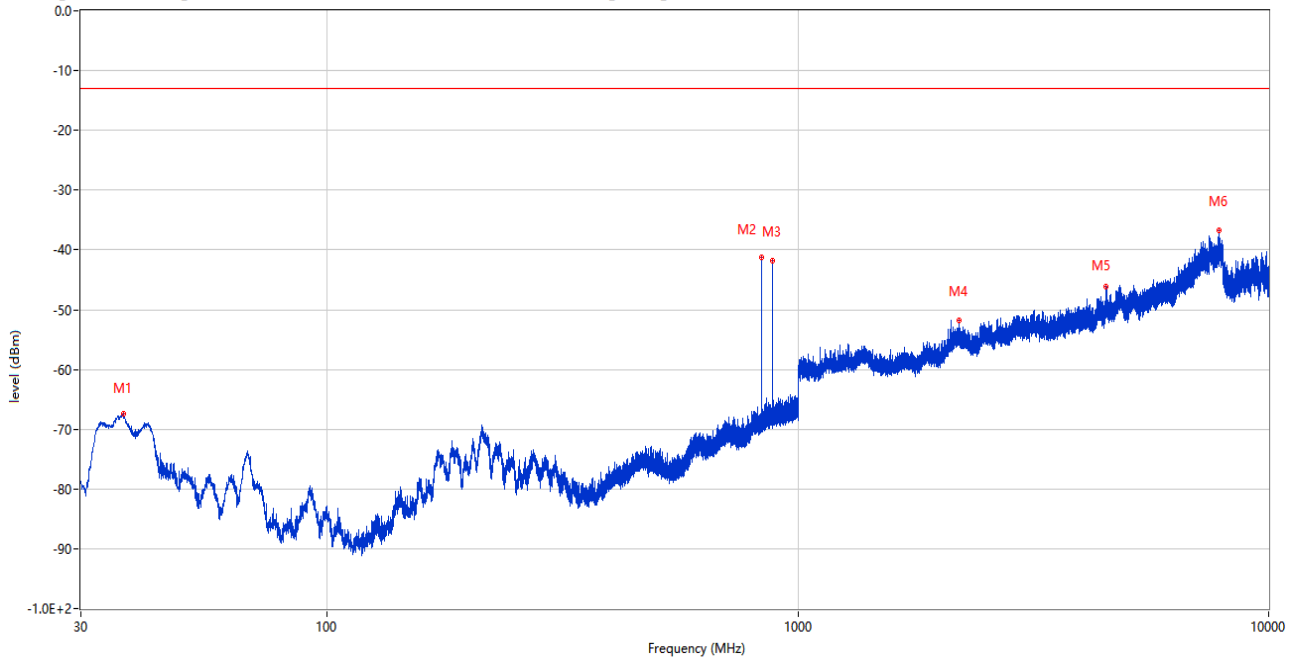
RSE (RF) \_FCC PART22&24&27\_GSM 850 & CDMA BC0 & WCDMA Band5 & LTE Band 5 & 26 & 18 & 19\_814-849\_30MHz-10GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
317.217	-70.92	-12.85	-13.0	57.92	0.00	Horizontal	Vertical	Pass
836.604	-42.40	2.21	-13.0	29.40	0.00	Horizontal	Vertical	N/A
881.612	-44.32	2.45	-13.0	31.32	289.00	Horizontal	Vertical	N/A
1673.600	-54.23	-5.08	-13.0	41.23	267.00	Horizontal	Vertical	Pass
4834.500	-45.24	7.63	-13.0	32.24	24.00	Horizontal	Vertical	Pass
7868.000	-37.14	16.99	-13.0	24.14	90.00	Horizontal	Vertical	Pass

Band:EGPRS850,Channel:Mid range

RSE (RF) \_FCC PART22&24&27\_GSM 850 & CDMA BC0 & WCDMA Band5 & LTE Band 5 & 26 & 18 & 19\_814-849\_30MHz-10GHz

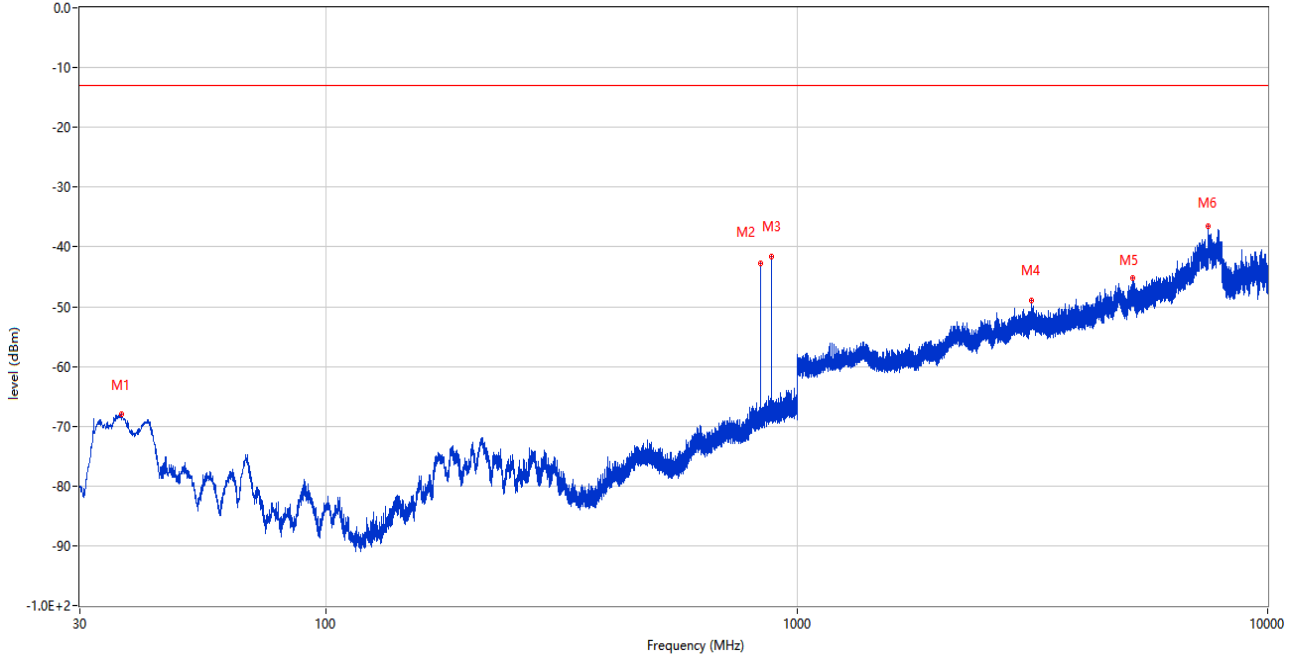


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
36.935	-67.50	-19.16	-13.0	54.50	103.00	Vertical	Vertical	Pass
836.604	-41.16	2.21	-13.0	28.16	150.00	Vertical	Vertical	N/A
881.563	-41.86	2.45	-13.0	28.86	20.00	Vertical	Vertical	N/A
2204.900	-51.87	-0.44	-13.0	38.87	296.00	Vertical	Vertical	Pass
4503.000	-46.20	7.38	-13.0	33.20	329.00	Vertical	Vertical	Pass
7859.500	-36.81	16.60	-13.0	23.81	311.00	Vertical	Vertical	Pass



Band:EGPRS850,Channel:Mid range

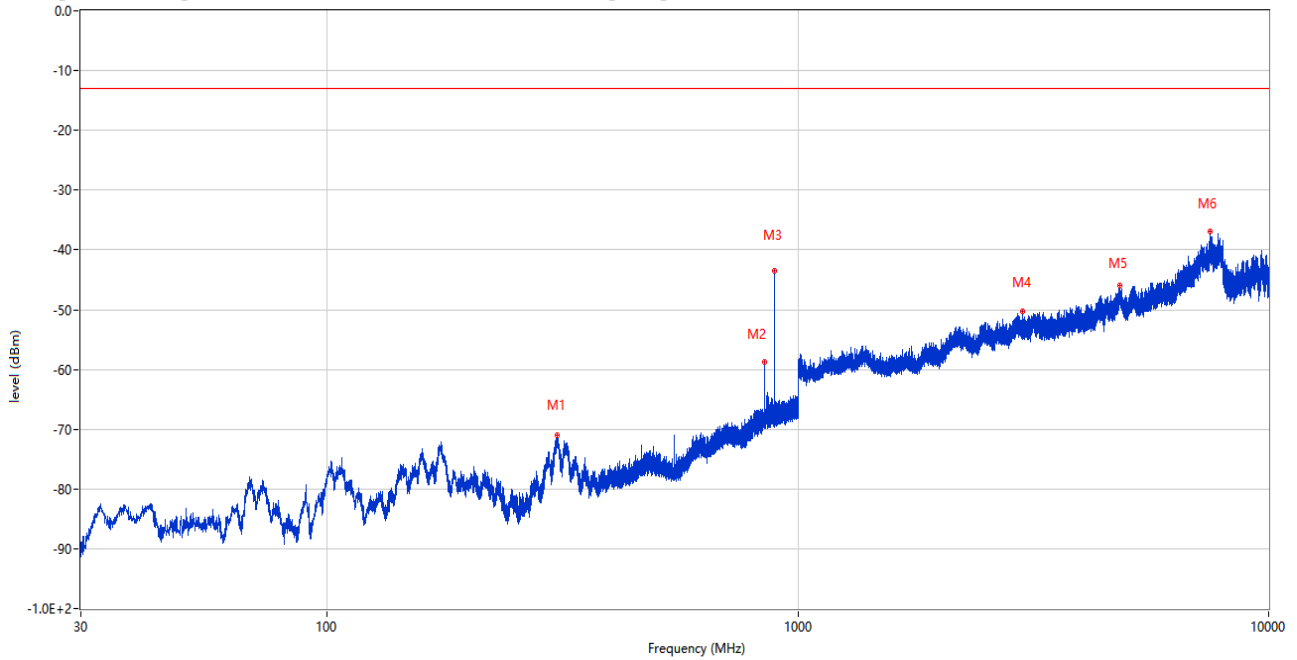
RSE (RF) \_FCC PART22&24&27\_GSM 850 & CDMA BC0 & WCDMA Band5 & LTE Band 5 & 26 & 18 & 19\_814-849\_30MHz-10GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
36.839	-68.01	-19.25	-13.0	55.01	99.00	Vertical	Horizontal	Pass
836.604	-42.71	2.21	-13.0	29.71	0.00	Vertical	Horizontal	N/A
881.612	-41.61	2.45	-13.0	28.61	339.00	Vertical	Horizontal	N/A
3149.750	-48.89	4.62	-13.0	35.89	181.00	Vertical	Horizontal	Pass
5172.000	-45.27	8.16	-13.0	32.27	181.00	Vertical	Horizontal	Pass
7491.250	-36.46	16.80	-13.0	23.46	108.00	Vertical	Horizontal	Pass

Band:EGPRS850,Channel:HIGH range

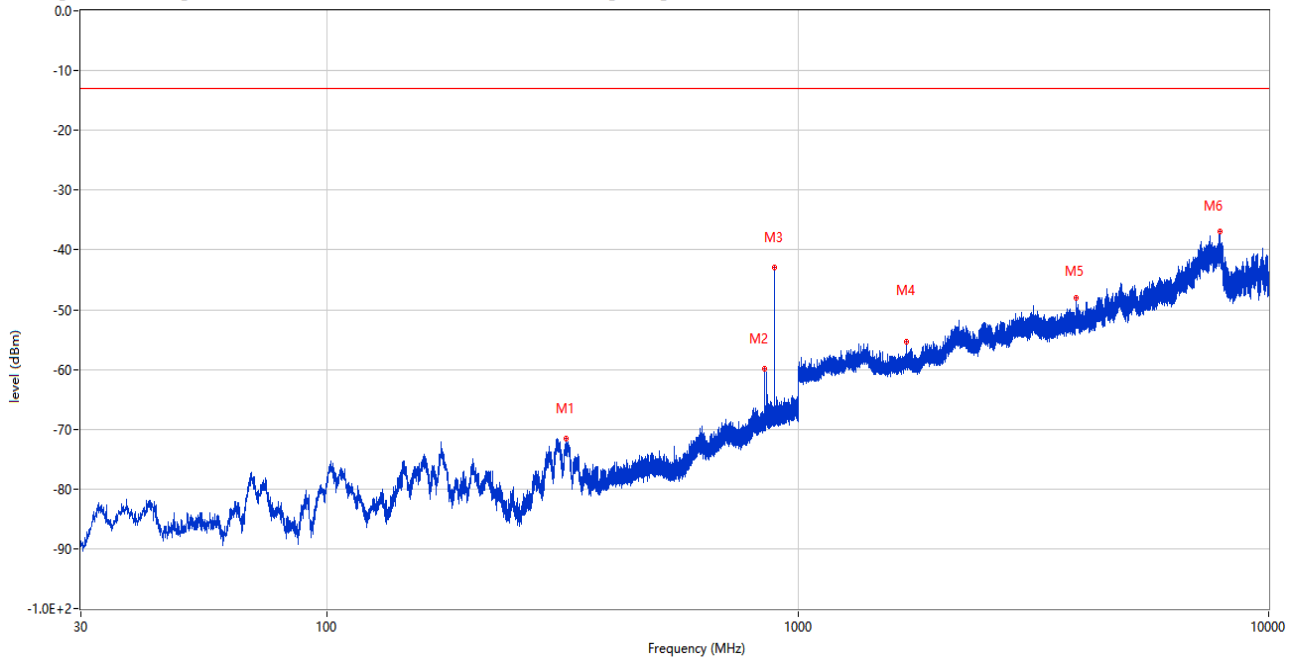
RSE (RF) \_FCC PART22&24&27\_GSM 850 & CDMA BC0 & WCDMA Band5 & LTE Band 5 & 26 & 18 & 19\_814-849\_30MHz-10GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
307.808	-70.94	-12.59	-13.0	57.94	14.00	Horizontal	Horizontal	Pass
848.777	-58.81	2.40	-13.0	45.81	289.00	Horizontal	Horizontal	N/A
893.833	-43.55	2.31	-13.0	30.55	280.00	Horizontal	Horizontal	N/A
3001.250	-50.35	2.50	-13.0	37.35	235.00	Horizontal	Horizontal	Pass
4830.750	-46.02	7.58	-13.0	33.02	70.00	Horizontal	Horizontal	Pass
7499.500	-36.96	16.48	-13.0	23.96	15.00	Horizontal	Horizontal	Pass

Band:EGPRS850,Channel:HIGH range

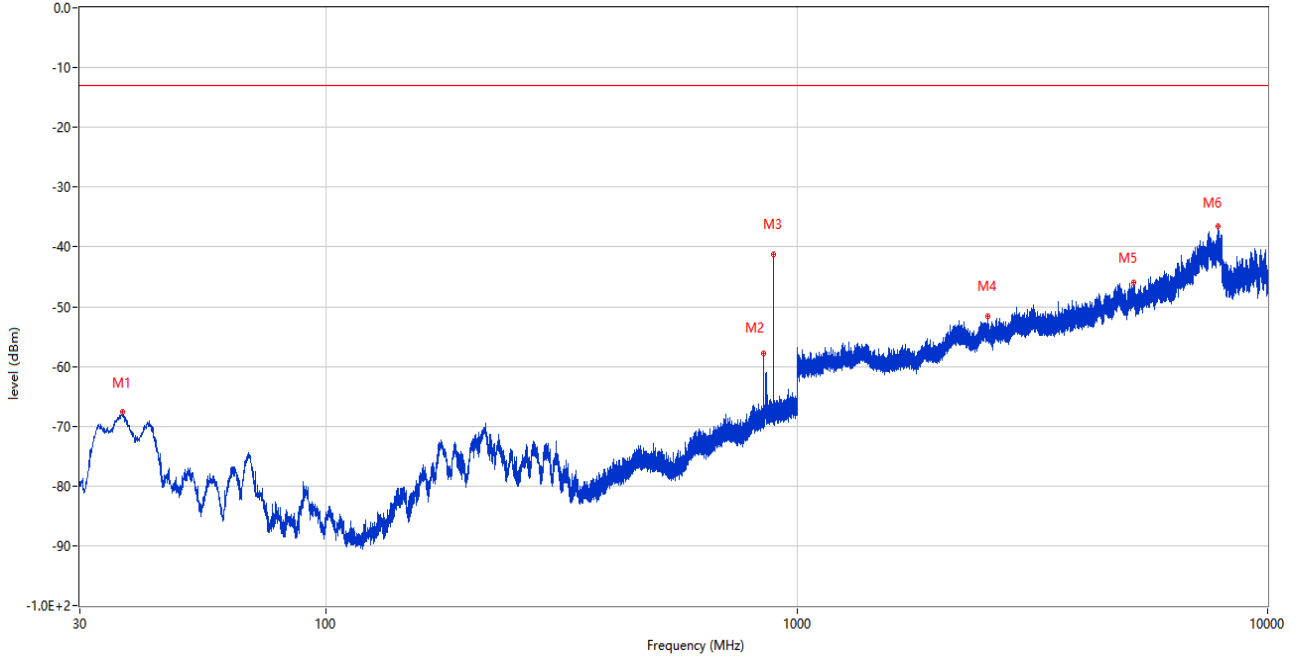
RSE (RF) \_FCC PART22&24&27\_GSM 850 & CDMA BC0 & WCDMA Band5 & LTE Band 5 & 26 & 18 & 19\_814-849\_30MHz-10GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
321.388	-71.50	-12.90	-13.0	58.50	0.00	Horizontal	Vertical	Pass
848.526	-59.98	2.54	-13.0	46.98	166.00	Horizontal	Vertical	N/A
893.833	-42.93	2.31	-13.0	29.93	284.00	Horizontal	Vertical	N/A
1697.900	-55.37	-5.37	-13.0	42.37	261.00	Horizontal	Vertical	Pass
3896.750	-48.06	4.92	-13.0	35.06	16.00	Horizontal	Vertical	Pass
7865.250	-36.94	16.87	-13.0	23.94	238.00	Horizontal	Vertical	Pass

Band:EGPRS850,Channel:HIGH range

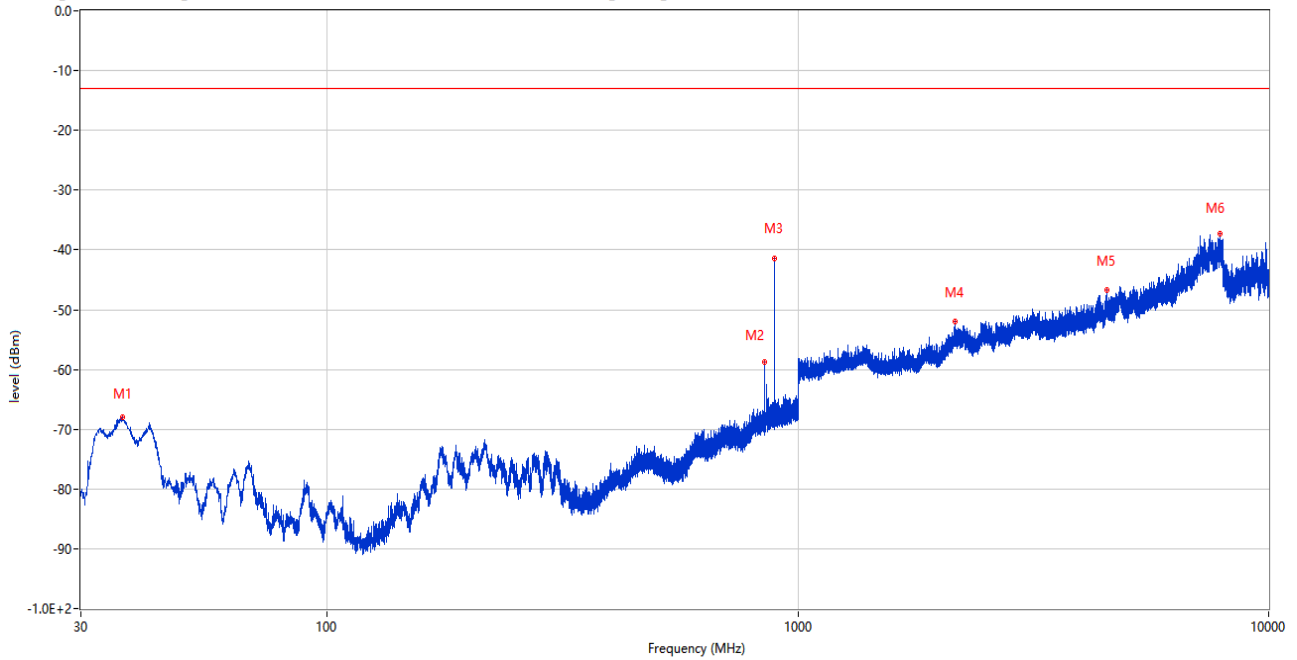
RSE (RF) \_FCC PART22&24&27\_GSM 850 & CDMA BC0 & WCDMA Band5 & LTE Band 5 & 26 & 18 & 19\_814-849\_30MHz-10GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
36.984	-67.66	-19.11	-13.0	54.66	360.00	Vertical	Vertical	Pass
848.729	-57.88	2.40	-13.0	44.88	6.00	Vertical	Vertical	N/A
893.833	-41.17	2.31	-13.0	28.17	340.00	Vertical	Vertical	N/A
2549.600	-51.56	0.68	-13.0	38.56	215.00	Vertical	Vertical	Pass
5196.500	-46.04	8.62	-13.0	33.04	274.00	Vertical	Vertical	Pass
7859.750	-36.53	16.62	-13.0	23.53	212.00	Vertical	Vertical	Pass

Band:EGPRS850,Channel:HIGH range

RSE (RF) \_FCC PART22&24&27\_GSM 850 & CDMA BC0 & WCDMA Band5 & LTE Band 5 & 26 & 18 & 19\_814-849\_30MHz-10GHz

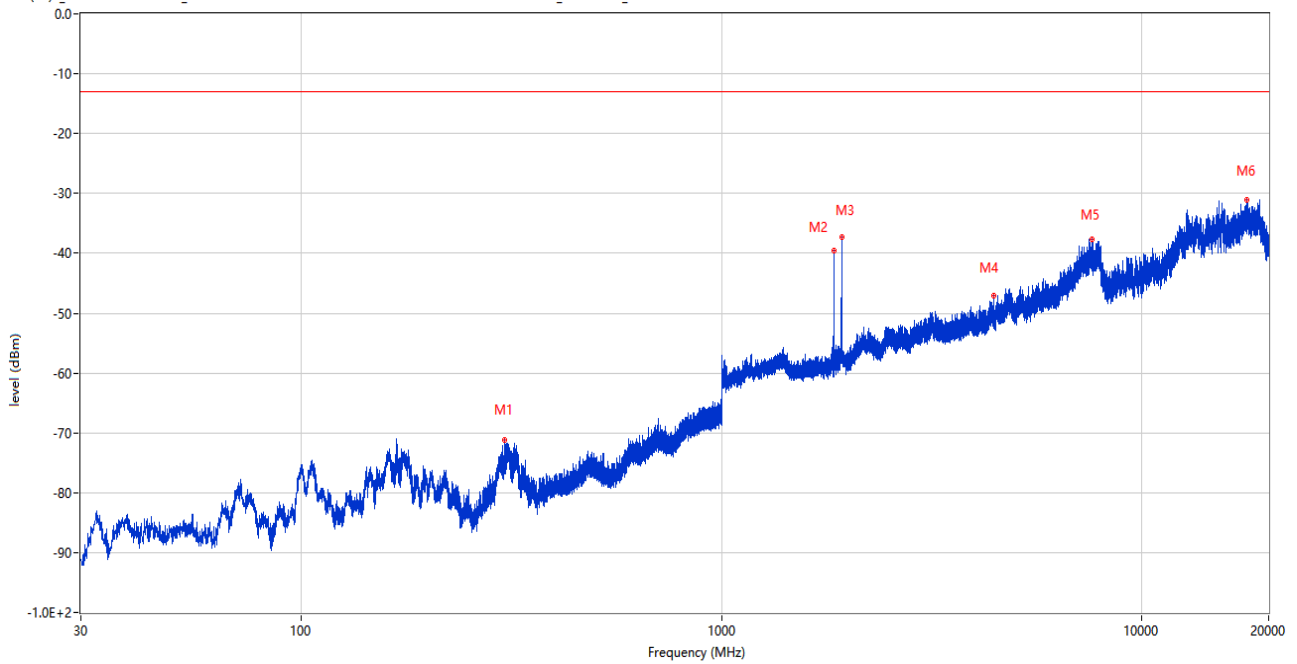


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
36.839	-68.03	-19.25	-13.0	55.03	87.00	Vertical	Horizontal	Pass
848.729	-58.70	2.40	-13.0	45.70	0.00	Vertical	Horizontal	N/A
893.737	-41.47	2.31	-13.0	28.47	243.00	Vertical	Horizontal	N/A
2162.400	-52.06	-1.03	-13.0	39.06	212.00	Vertical	Horizontal	Pass
4532.500	-46.74	7.34	-13.0	33.74	134.00	Vertical	Horizontal	Pass
7870.500	-37.28	17.05	-13.0	24.28	163.00	Vertical	Horizontal	Pass

## 2.2 EGPRS 1900

Band:EGPRS1900,Channel:LOW range

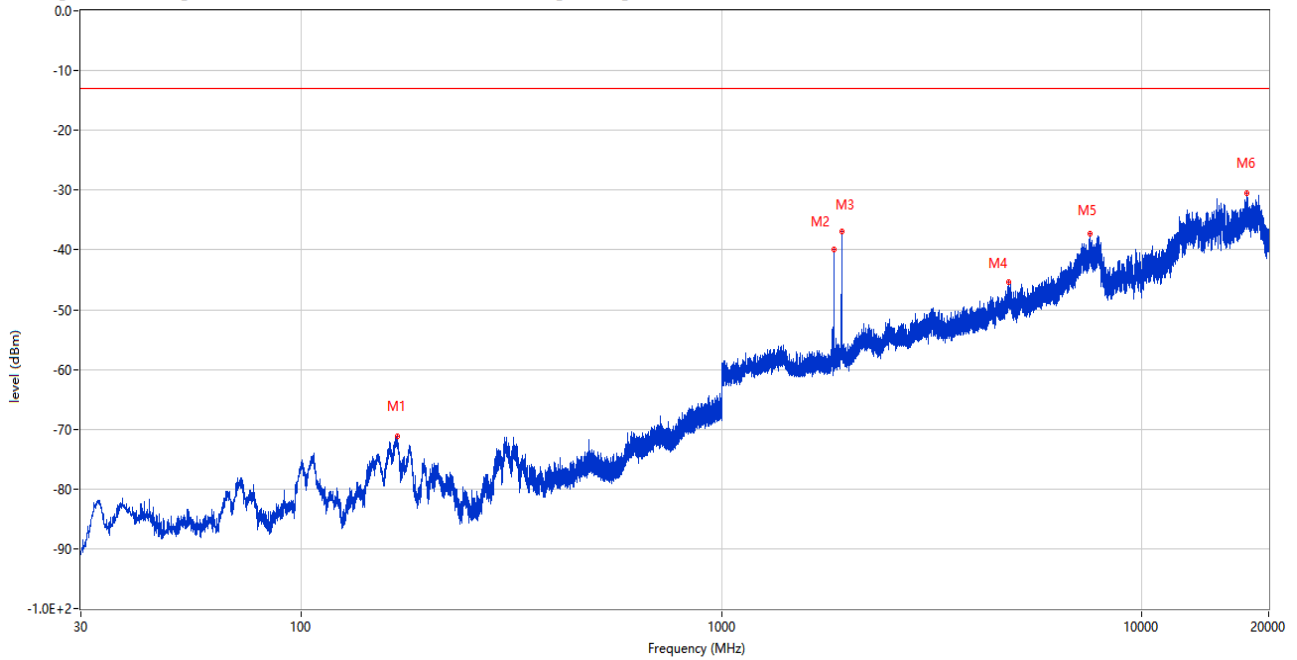
RSE (RF) \_FCC PART22&24&27\_GSM 1900 & CDMA BC1 & WCDMA Band 2 & LTE Band 2 & 25 \_1830-1920\_30MHz-20GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
305.626	-71.15	-12.63	-13.0	58.15	0.00	Horizontal	Horizontal	Pass
1850.400	-39.55	-3.52	-13.0	26.55	87.00	Horizontal	Horizontal	N/A
1930.500	-37.25	-3.19	-13.0	24.25	281.00	Horizontal	Horizontal	N/A
4445.000	-47.15	5.80	-13.0	34.15	93.00	Horizontal	Horizontal	Pass
7594.500	-37.64	16.42	-13.0	24.64	353.00	Horizontal	Horizontal	Pass
17768.088	-31.16	26.05	-13.0	18.16	250.00	Horizontal	Horizontal	Pass

Band:EGPRS1900,Channel:LOW range

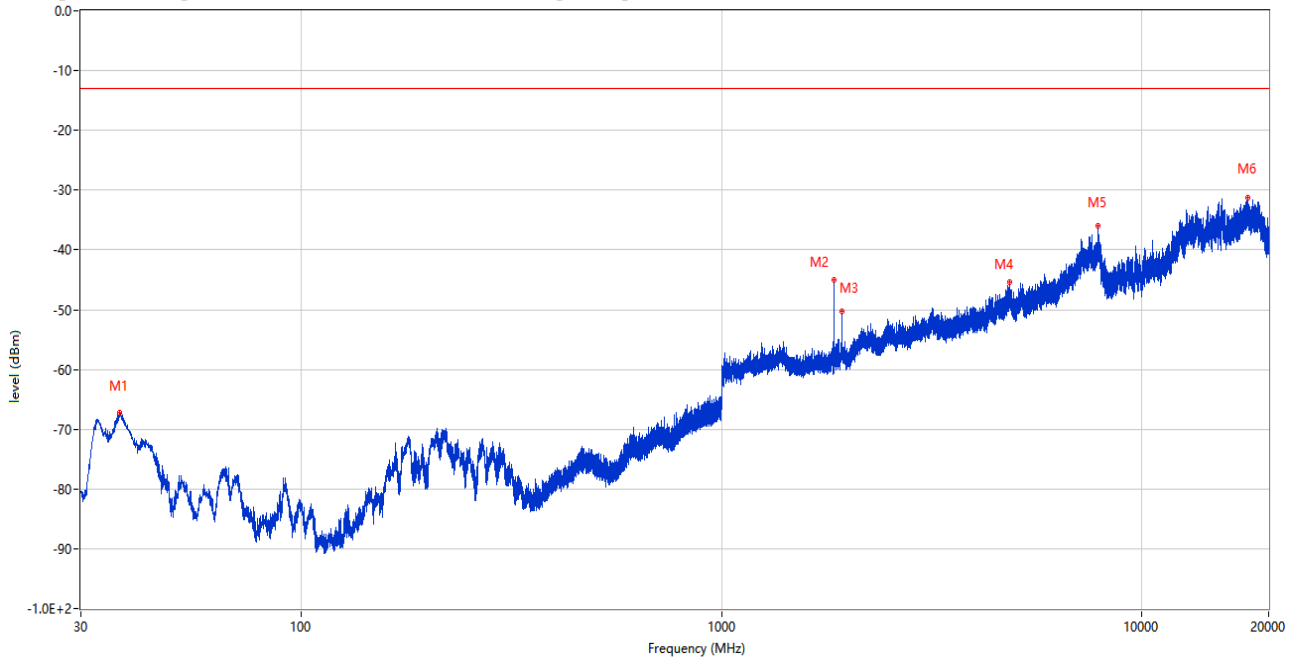
RSE (RF) \_FCC PART22&24&27\_GSM 1900 & CDMA BC1 & WCDMA Band 2 & LTE Band 2 & 25 \_1830-1920\_30MHz-20GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
169.340	-71.12	-15.85	-13.0	58.12	168.00	Horizontal	Vertical	Pass
1850.400	-39.86	-3.52	-13.0	26.86	172.00	Horizontal	Vertical	N/A
1930.400	-36.85	-3.14	-13.0	23.85	278.00	Horizontal	Vertical	N/A
4830.750	-45.30	7.58	-13.0	32.30	329.00	Horizontal	Vertical	Pass
7508.000	-37.37	15.94	-13.0	24.37	149.00	Horizontal	Vertical	Pass
17794.912	-30.42	26.40	-13.0	17.42	355.00	Horizontal	Vertical	Pass

Band:EGPRS1900,Channel:LOW range

RSE (RF) \_FCC PART22&24&27\_GSM 1900 & CDMA BC1 & WCDMA Band 2 & LTE Band 2 & 25 \_1830-1920\_30MHz-20GHz

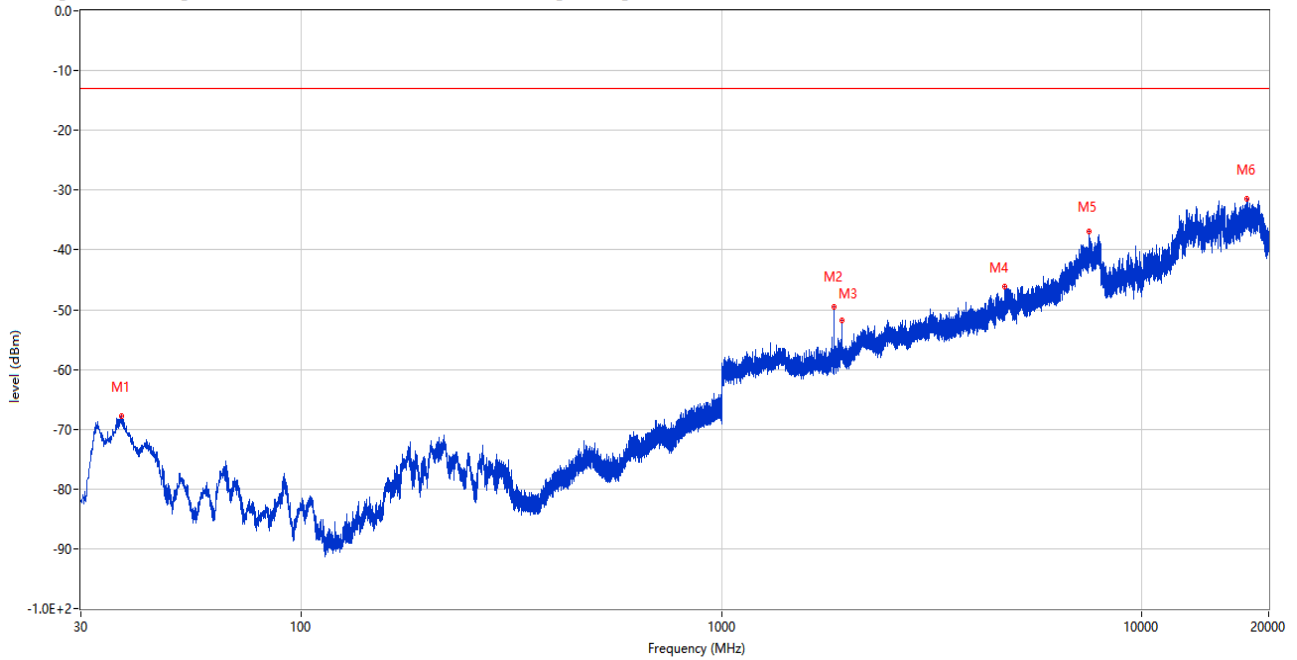


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
37.130	-67.31	-19.26	-13.0	54.31	87.00	Vertical	Vertical	Pass
1850.600	-45.07	-3.52	-13.0	32.07	246.00	Vertical	Vertical	N/A
1930.200	-50.30	-3.05	-13.0	37.30	135.00	Vertical	Vertical	N/A
4833.250	-45.45	7.61	-13.0	32.45	93.00	Vertical	Vertical	Pass
7855.000	-36.05	16.35	-13.0	23.05	360.00	Vertical	Vertical	Pass
17807.239	-31.27	26.38	-13.0	18.27	82.00	Vertical	Vertical	Pass



Band:EGPRS1900,Channel:LOW range

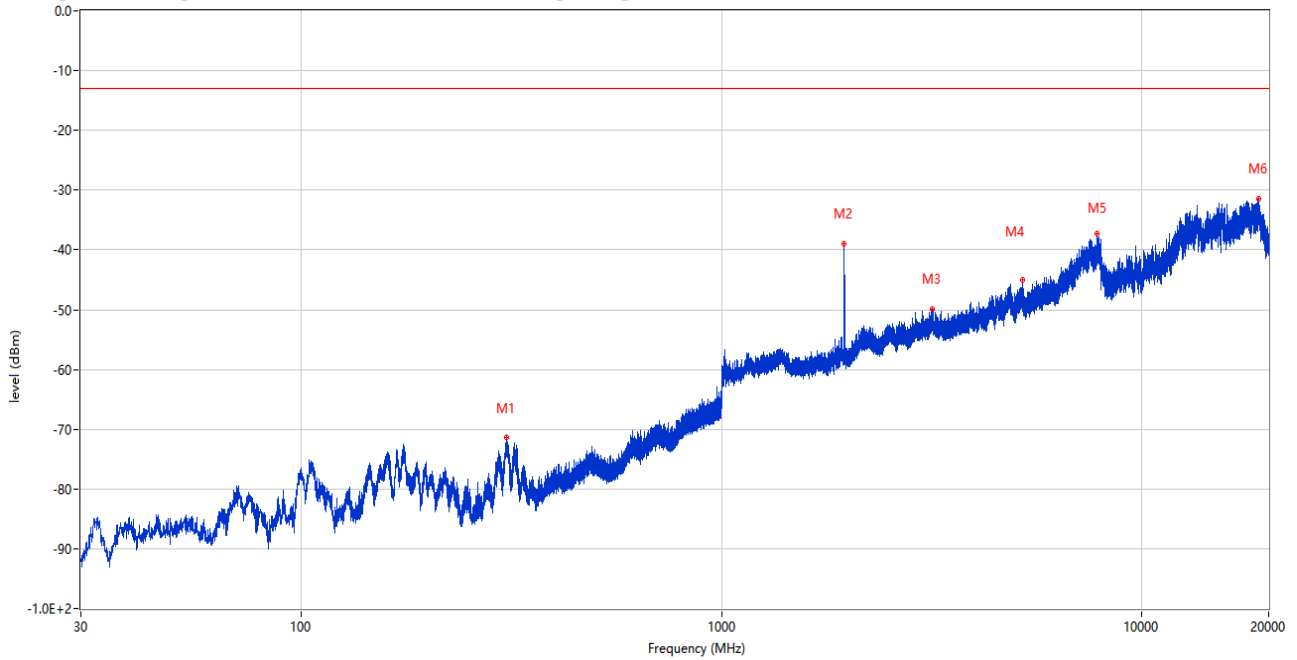
RSE (RF) \_FCC PART22&24&27\_GSM 1900 & CDMA BC1 & WCDMA Band 2 & LTE Band 2 & 25 \_1830-1920\_30MHz-20GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
37.566	-67.84	-19.17	-13.0	54.84	113.00	Vertical	Horizontal	Pass
1850.400	-49.49	-3.52	-13.0	36.49	37.00	Vertical	Horizontal	N/A
1930.200	-51.84	-3.05	-13.0	38.84	66.00	Vertical	Horizontal	N/A
4716.000	-46.21	7.21	-13.0	33.21	185.00	Vertical	Horizontal	Pass
7491.000	-36.88	16.81	-13.0	23.88	33.00	Vertical	Horizontal	Pass
17790.200	-31.47	26.34	-13.0	18.47	327.00	Vertical	Horizontal	Pass

Band:EGPRS1900,Channel:Mid range

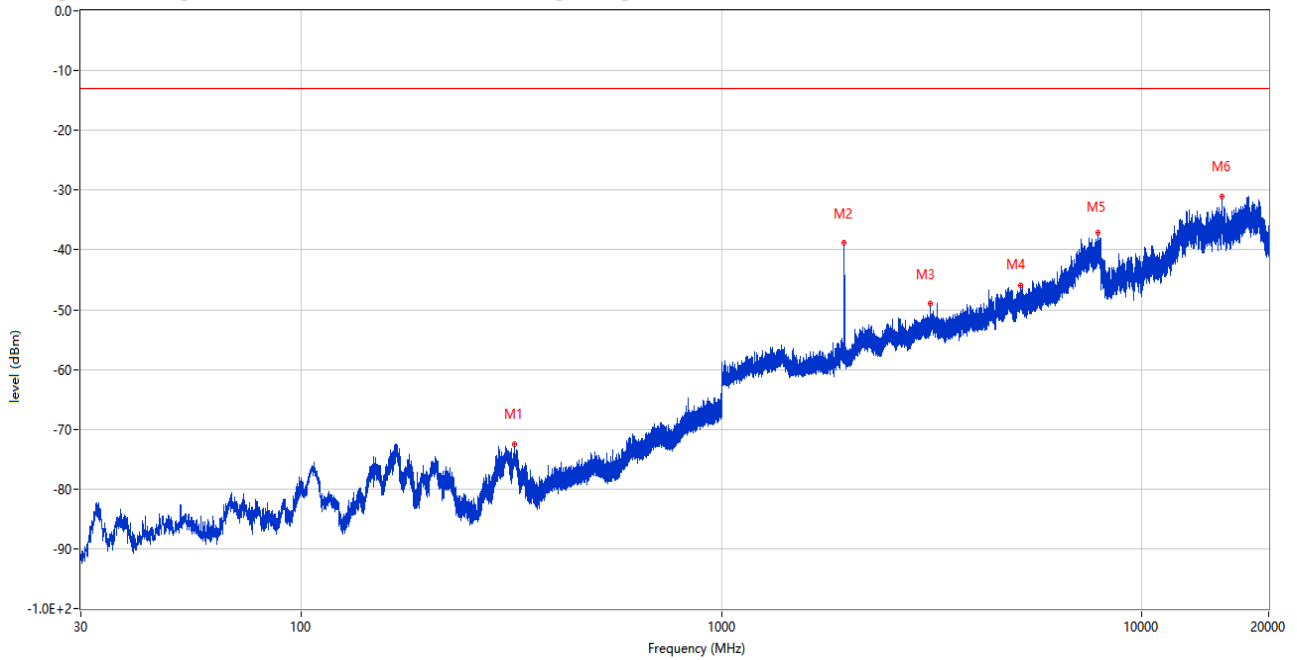
RSE (RF) \_FCC PART22&24&27\_GSM 1900 & CDMA BC1 & WCDMA Band 2 & LTE Band 2 & 25 \_1830-1920\_30MHz-20GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
308.487	-71.43	-12.66	-13.0	58.43	0.00	Horizontal	Horizontal	Pass
1960.300	-38.91	-4.44	-13.0	25.91	283.00	Horizontal	Horizontal	N/A
3174.500	-49.89	5.42	-13.0	36.89	323.00	Horizontal	Horizontal	Pass
5200.500	-45.03	8.47	-13.0	32.03	242.00	Horizontal	Horizontal	Pass
7800.500	-37.36	15.90	-13.0	24.36	360.00	Horizontal	Horizontal	Pass
18928.087	-31.36	24.03	-13.0	18.36	169.00	Horizontal	Horizontal	Pass

Band:EGPRS1900,Channel:Mid range

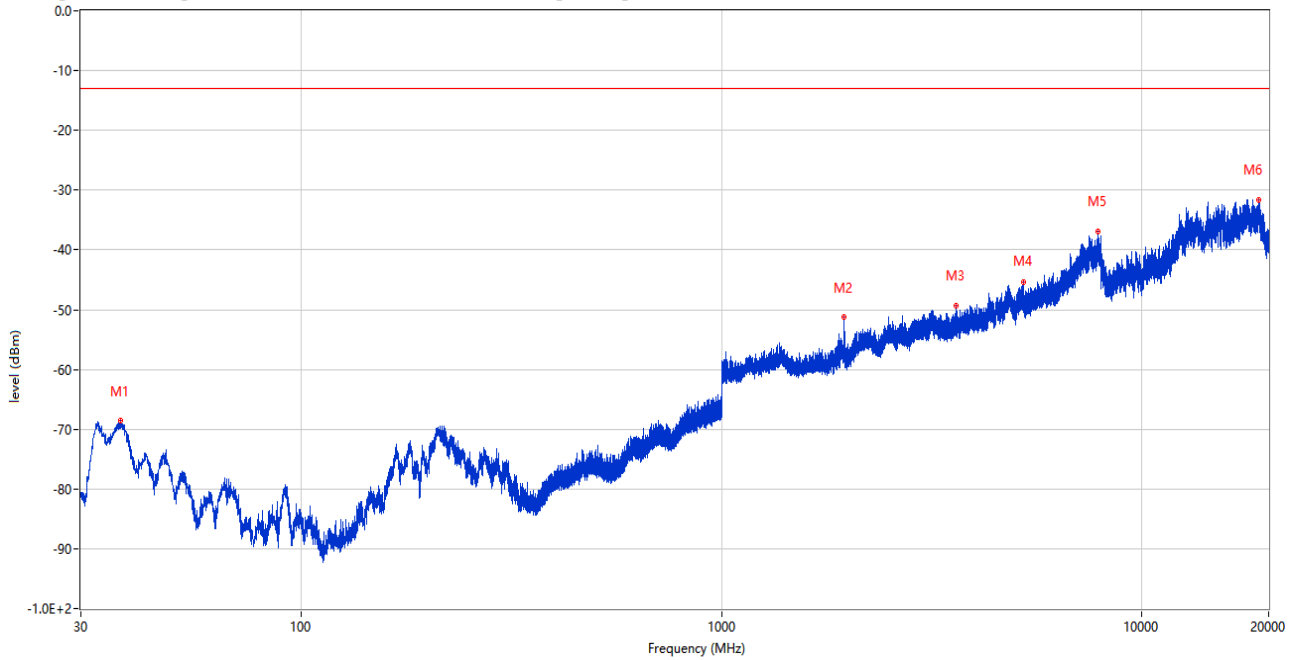
RSE (RF) \_FCC PART22&24&27\_GSM 1900 & CDMA BC1 & WCDMA Band 2 & LTE Band 2 & 25 \_1830-1920\_30MHz-20GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
322.067	-72.49	-12.94	-13.0	59.49	360.00	Horizontal	Vertical	Pass
1960.300	-38.83	-4.44	-13.0	25.83	282.00	Horizontal	Vertical	N/A
3135.000	-48.89	3.89	-13.0	35.89	63.00	Horizontal	Vertical	Pass
5144.500	-45.90	8.15	-13.0	32.90	148.00	Horizontal	Vertical	Pass
7847.500	-37.10	15.90	-13.0	24.10	259.00	Horizontal	Vertical	Pass
15493.401	-31.06	24.50	-13.0	18.06	238.00	Horizontal	Vertical	Pass

Band:EGPRS1900,Channel:Mid range

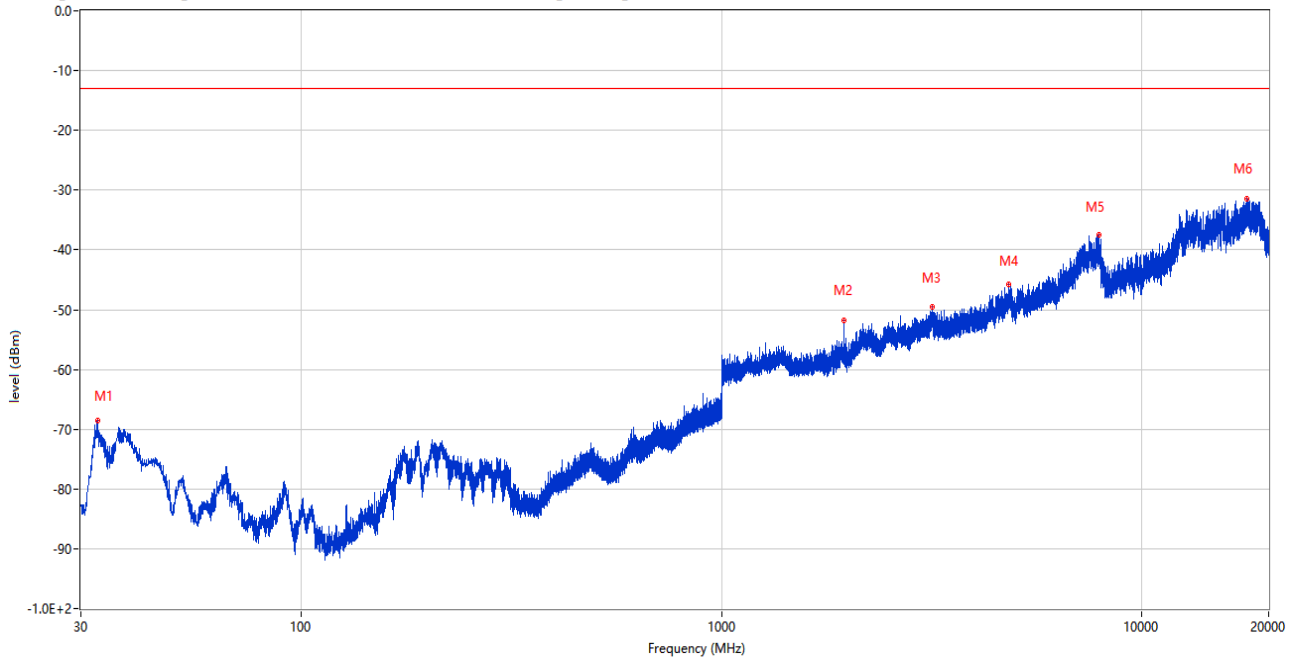
RSE (RF) \_FCC PART22&24&27\_GSM 1900 & CDMA BC1 & WCDMA Band 2 & LTE Band 2 & 25 \_1830-1920\_30MHz-20GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
37.324	-68.58	-19.22	-13.0	55.58	55.00	Vertical	Vertical	Pass
1960.200	-51.24	-4.45	-13.0	38.24	208.00	Vertical	Vertical	N/A
3607.500	-49.40	4.74	-13.0	36.40	71.00	Vertical	Vertical	Pass
5214.500	-45.41	7.97	-13.0	32.41	211.00	Vertical	Vertical	Pass
7875.000	-36.91	17.10	-13.0	23.91	43.00	Vertical	Vertical	Pass
18945.489	-31.61	24.01	-13.0	18.61	109.00	Vertical	Vertical	Pass

Band:EGPRS1900,Channel:Mid range

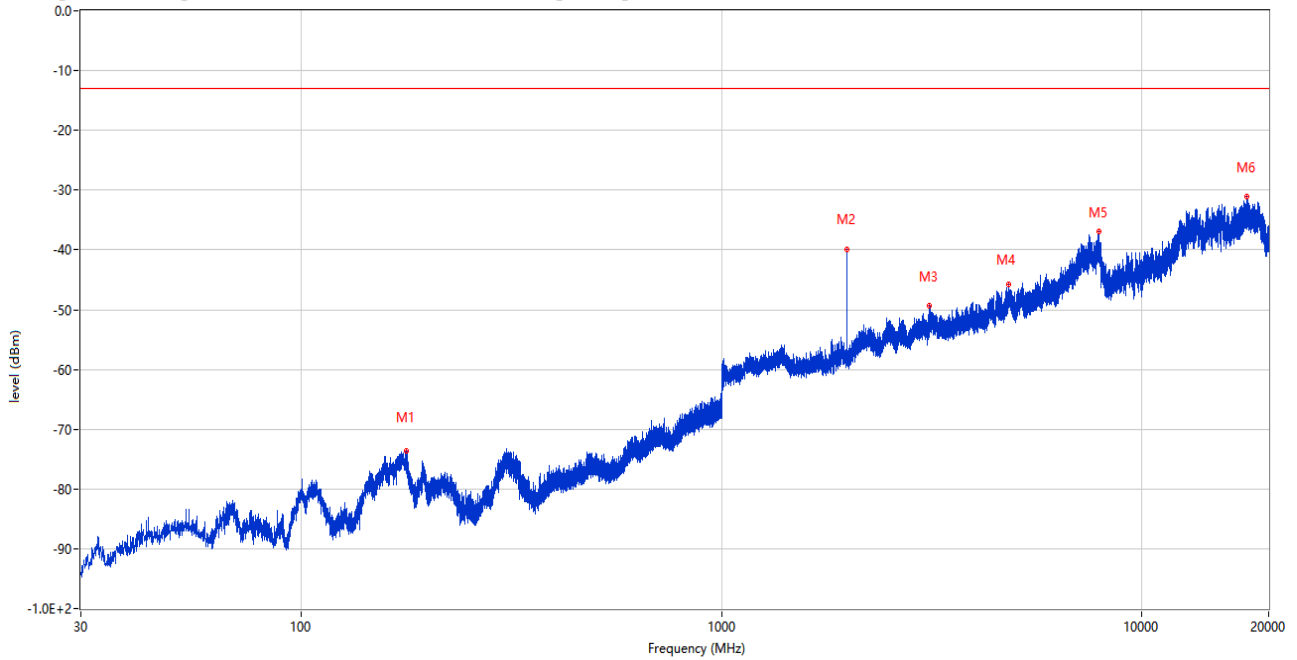
RSE (RF) \_FCC PART22&24&27\_GSM 1900 & CDMA BC1 & WCDMA Band 2 & LTE Band 2 & 25 \_1830-1920\_30MHz-20GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
32.959	-68.64	-19.38	-13.0	55.64	74.00	Vertical	Horizontal	Pass
1960.400	-51.72	-4.43	-13.0	38.72	245.00	Vertical	Horizontal	N/A
3173.500	-49.58	5.46	-13.0	36.58	94.00	Vertical	Horizontal	Pass
4829.000	-45.76	7.60	-13.0	32.76	76.00	Vertical	Horizontal	Pass
7901.750	-37.49	16.93	-13.0	24.49	353.00	Vertical	Horizontal	Pass
17750.688	-31.43	25.82	-13.0	18.43	69.00	Vertical	Horizontal	Pass

Band:EGPRS1900,Channel:HIGH range

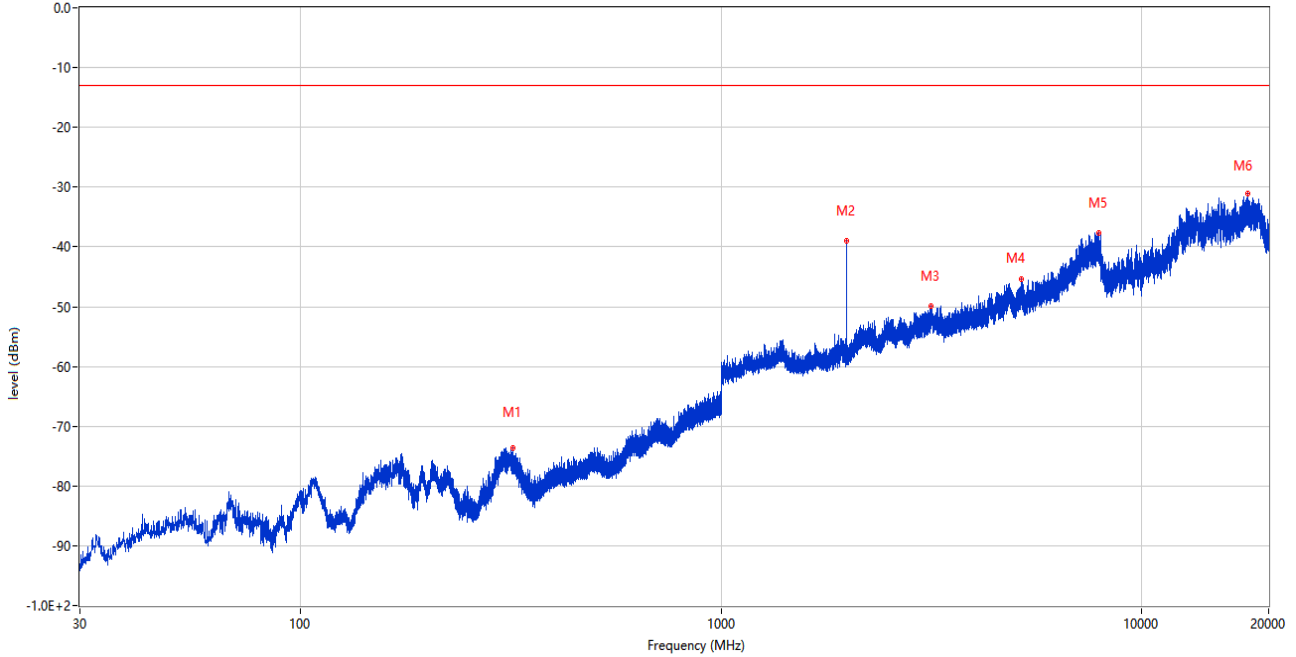
RSE (RF) \_FCC PART22&24&27\_GSM 1900 & CDMA BC1 & WCDMA Band 2 & LTE Band 2 & 25 \_1830-1920\_30MHz-20GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
177.876	-73.68	-15.27	-13.0	60.68	184.00	Horizontal	Horizontal	Pass
1990.200	-39.91	-4.40	-13.0	26.91	285.00	Horizontal	Horizontal	N/A
3118.750	-49.36	3.92	-13.0	36.36	22.00	Horizontal	Horizontal	Pass
4816.750	-45.71	7.77	-13.0	32.71	40.00	Horizontal	Horizontal	Pass
7900.000	-36.90	16.87	-13.0	23.90	94.00	Horizontal	Horizontal	Pass
17783.675	-31.14	26.25	-13.0	18.14	180.00	Horizontal	Horizontal	Pass

Band:EGPRS1900,Channel:HIGH range

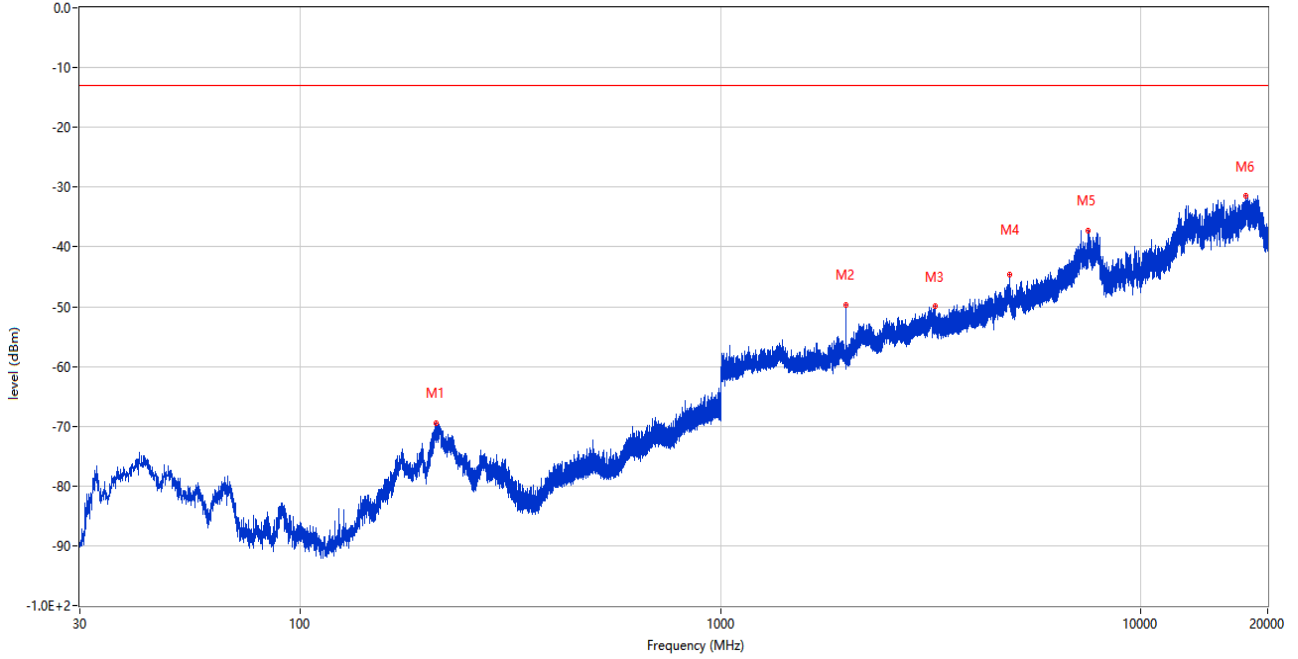
RSE (RF) \_FCC PART22&24&27\_GSM 1900 & CDMA BC1 & WCDMA Band 2 & LTE Band 2 & 25 \_1830-1920\_30MHz-20GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
321.194	-73.56	-12.91	-13.0	60.56	0.00	Horizontal	Vertical	Pass
1990.100	-38.97	-4.40	-13.0	25.97	283.00	Horizontal	Vertical	N/A
3159.250	-49.82	5.04	-13.0	36.82	220.00	Horizontal	Vertical	Pass
5168.000	-45.45	8.08	-13.0	32.45	238.00	Horizontal	Vertical	Pass
7882.750	-37.61	16.88	-13.0	24.61	91.00	Horizontal	Vertical	Pass
17813.400	-31.05	26.31	-13.0	18.05	217.00	Horizontal	Vertical	Pass

Band:EGPRS1900,Channel:HIGH range

RSE (RF) \_FCC PART22&24&27\_GSM 1900 & CDMA BC1 & WCDMA Band 2 & LTE Band 2 & 25 \_1830-1920\_30MHz-20GHz

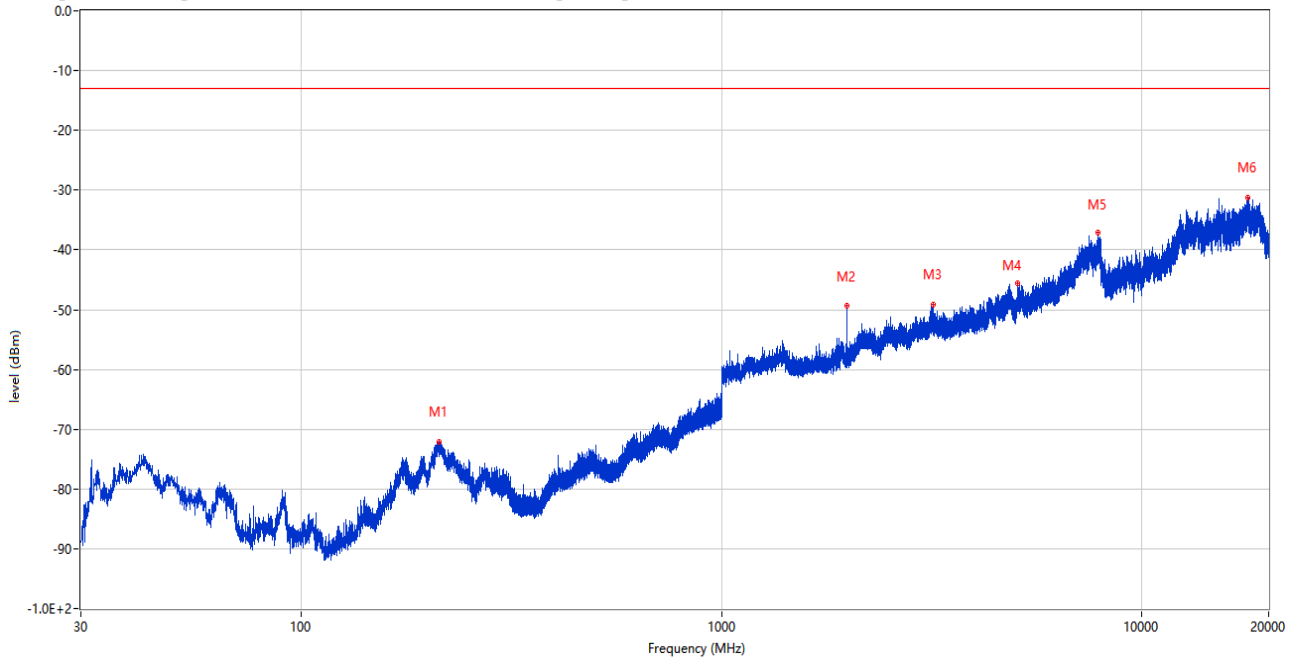


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
210.614	-69.45	-15.50	-13.0	56.45	149.00	Vertical	Vertical	Pass
1990.000	-49.65	-4.40	-13.0	36.65	191.00	Vertical	Vertical	N/A
3245.750	-49.93	4.14	-13.0	36.93	144.00	Vertical	Vertical	Pass
4863.250	-44.67	7.83	-13.0	31.67	100.00	Vertical	Vertical	Pass
7495.000	-37.28	16.76	-13.0	24.28	20.00	Vertical	Vertical	Pass
17789.112	-31.47	26.33	-13.0	18.47	360.00	Vertical	Vertical	Pass



Band:EGPRS1900,Channel:HIGH range

RSE (RF) \_FCC PART22&24&27\_GSM 1900 & CDMA BC1 & WCDMA Band 2 & LTE Band 2 & 25 \_1830-1920\_30MHz-20GHz



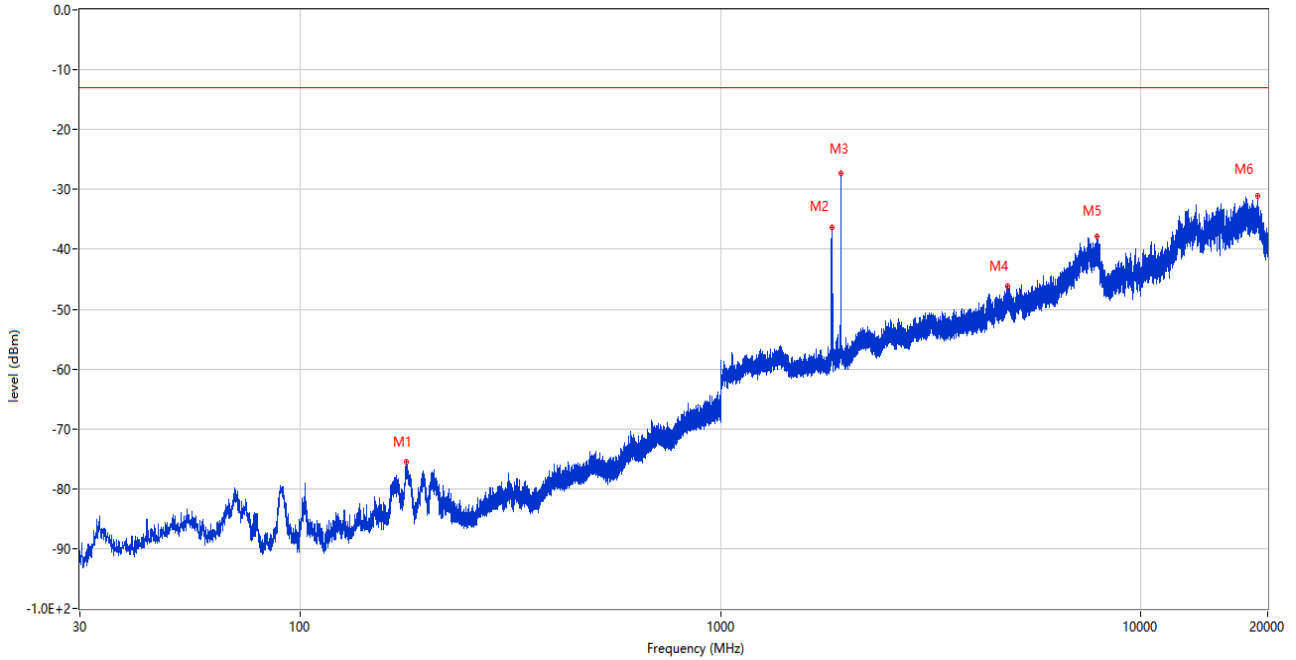
Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
213.669	-72.14	-15.39	-13.0	59.14	97.00	Vertical	Horizontal	Pass
1990.300	-49.40	-4.40	-13.0	36.40	185.00	Vertical	Horizontal	N/A
3182.500	-49.10	4.60	-13.0	36.10	35.00	Vertical	Horizontal	Pass
5050.000	-45.64	7.93	-13.0	32.64	241.00	Vertical	Horizontal	Pass
7853.750	-37.16	16.25	-13.0	24.16	44.00	Vertical	Horizontal	Pass
17795.637	-31.24	26.41	-13.0	18.24	82.00	Vertical	Horizontal	Pass

### 3. WCDMA

#### 3.1 WCDMA Band 2

Band:WCDMA B2,Channel:Low range

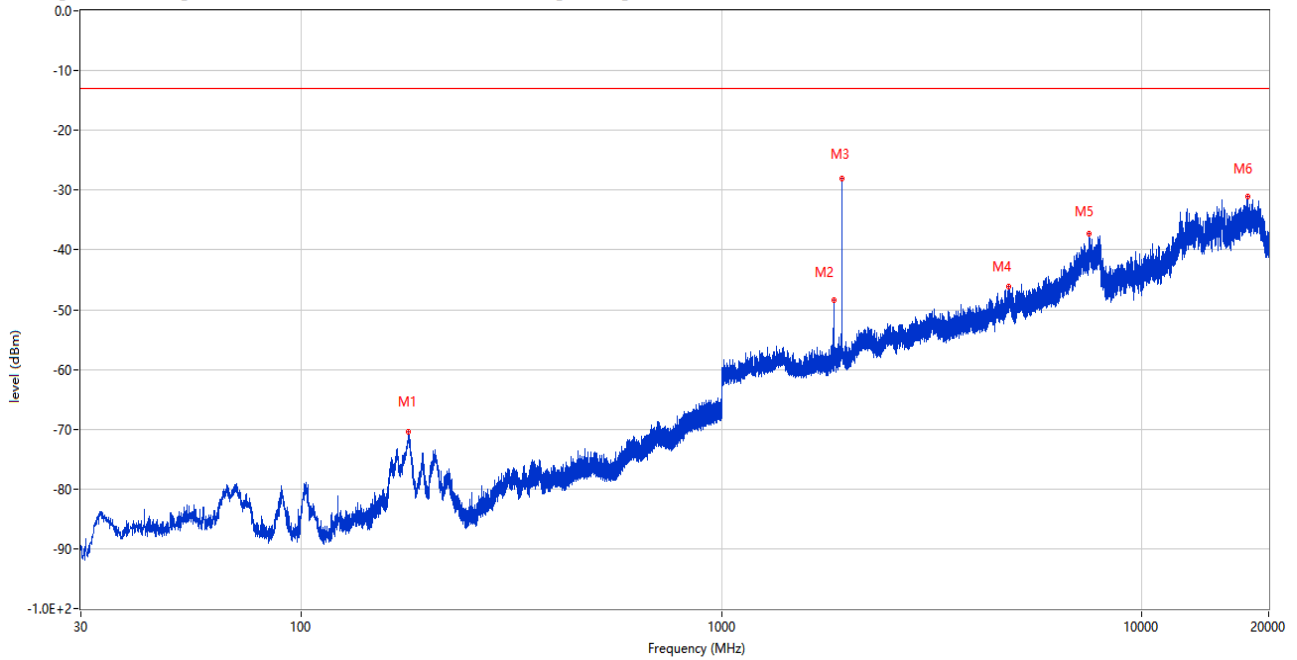
RSE (RF) \_FCC PART22&24&27\_GSM 1900 & CDMA BC1 & WCDMA Band 2 & LTE Band 2 & 25\_1830-1920\_30MHz-20GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
179.040	-75.56	-15.18	-13.0	62.56	22.00	Horizontal	Horizontal	Pass
1852.500	-36.33	-3.80	-13.0	23.33	360.00	Horizontal	Horizontal	N/A
1931.000	-27.32	-3.44	-13.0	14.32	283.00	Horizontal	Horizontal	N/A
4824.500	-46.09	7.67	-13.0	33.09	256.00	Horizontal	Horizontal	Pass
7867.750	-37.91	16.98	-13.0	24.91	183.00	Horizontal	Horizontal	Pass
18989.713	-31.02	23.97	-13.0	18.02	277.00	Horizontal	Horizontal	Pass

Band:WCDMA B2,Channel:Low range

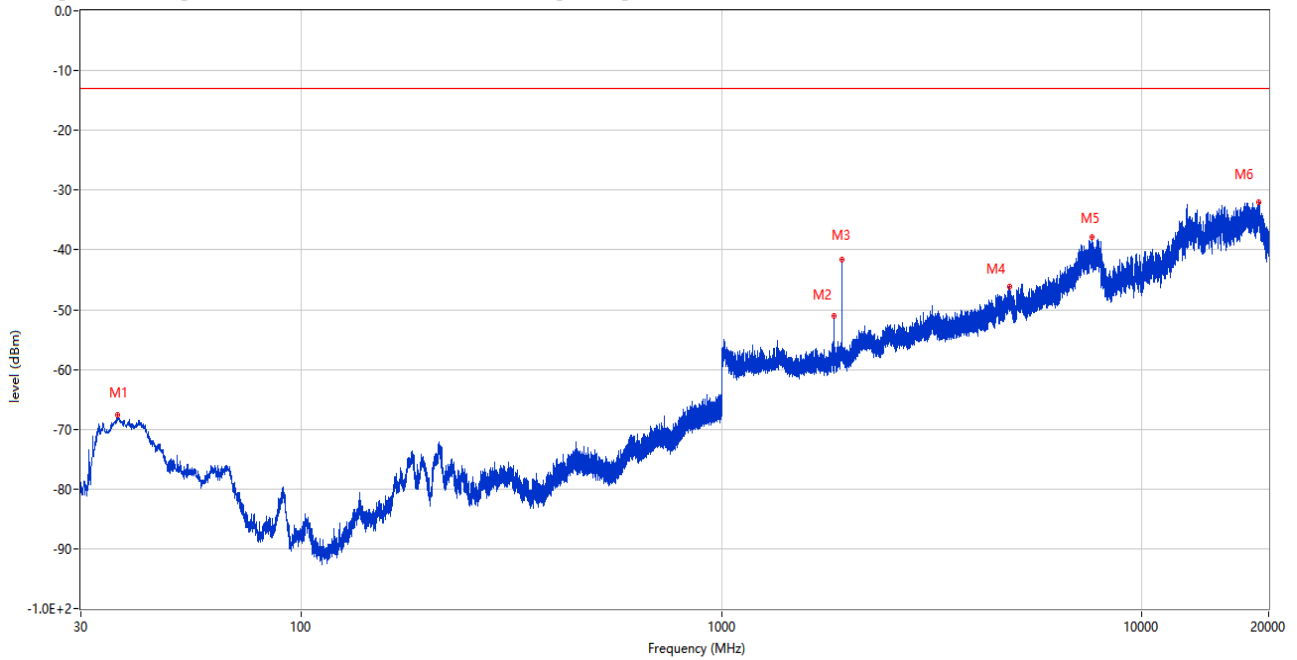
RSE (RF) \_FCC PART22&24&27\_GSM 1900 & CDMA BC1 & WCDMA Band 2 & LTE Band 2 & 25 \_1830-1920\_30MHz-20GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
180.108	-70.37	-15.12	-13.0	57.37	31.00	Horizontal	Vertical	Pass
1853.100	-48.44	-3.46	-13.0	35.44	174.00	Horizontal	Vertical	N/A
1933.800	-28.14	-3.71	-13.0	15.14	290.00	Horizontal	Vertical	N/A
4828.750	-46.22	7.61	-13.0	33.22	336.00	Horizontal	Vertical	Pass
7490.000	-37.28	16.82	-13.0	24.28	271.00	Horizontal	Vertical	Pass
17802.162	-31.14	26.44	-13.0	18.14	338.00	Horizontal	Vertical	Pass

Band:WCDMA B2,Channel:Low range

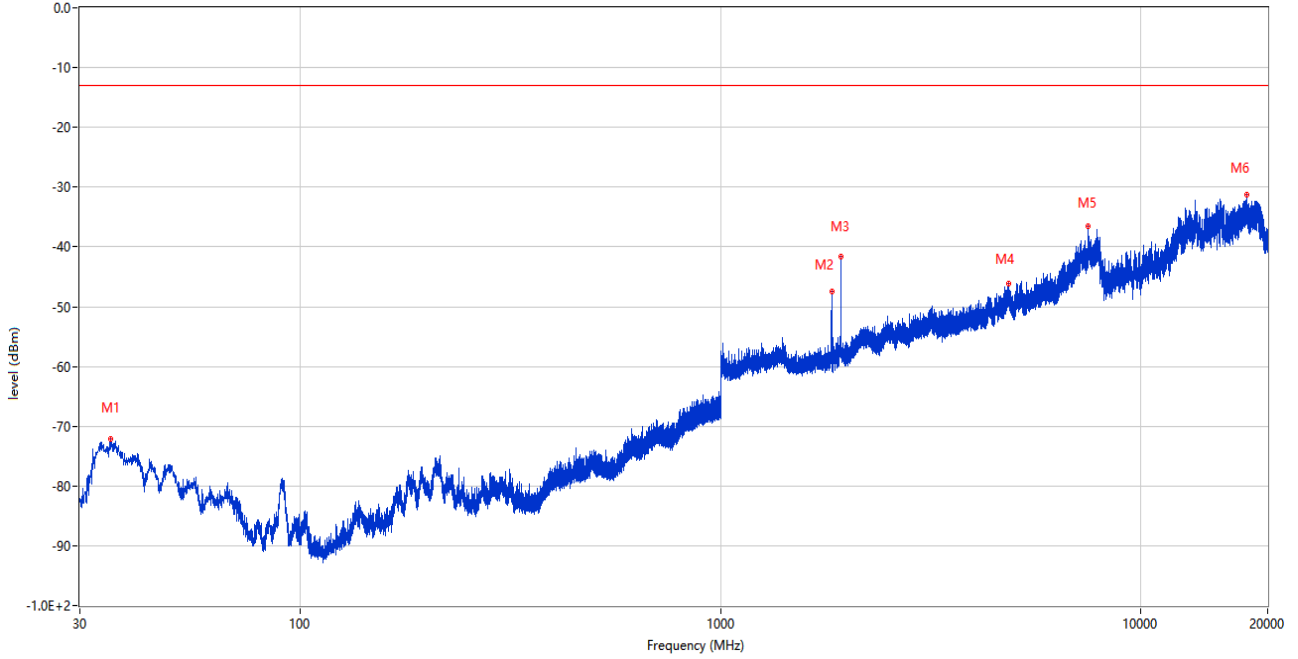
RSE (RF) \_FCC PART22&24&27\_GSM 1900 & CDMA BC1 & WCDMA Band 2 & LTE Band 2 & 25 \_1830-1920\_30MHz-20GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
36.645	-67.55	-19.61	-13.0	54.55	342.00	Vertical	Vertical	Pass
1853.700	-51.10	-3.47	-13.0	38.10	99.00	Vertical	Vertical	N/A
1934.000	-41.62	-3.72	-13.0	28.62	179.00	Vertical	Vertical	N/A
4841.500	-46.11	7.64	-13.0	33.11	236.00	Vertical	Vertical	Pass
7613.500	-37.83	15.81	-13.0	24.83	107.00	Vertical	Vertical	Pass
18975.574	-32.06	23.98	-13.0	19.06	21.00	Vertical	Vertical	Pass

Band:WCDMA B2,Channel:Low range

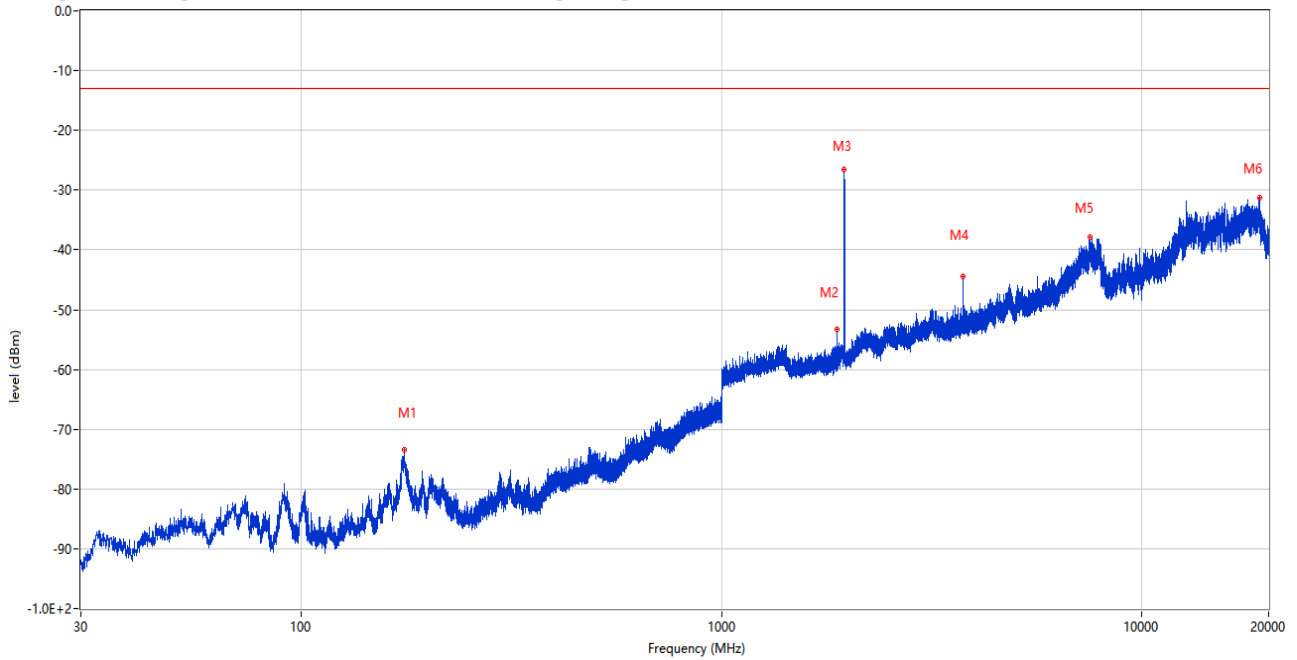
RSE (RF) \_FCC PART22&24&27\_GSM 1900 & CDMA BC1 & WCDMA Band 2 & LTE Band 2 & 25 \_1830-1920\_30MHz-20GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
35.432	-72.19	-20.60	-13.0	59.19	51.00	Vertical	Horizontal	Pass
1852.900	-47.50	-3.81	-13.0	34.50	25.00	Vertical	Horizontal	N/A
1934.200	-41.62	-3.73	-13.0	28.62	231.00	Vertical	Horizontal	N/A
4843.250	-46.09	7.56	-13.0	33.09	270.00	Vertical	Horizontal	Pass
7489.250	-36.45	16.81	-13.0	23.45	38.00	Vertical	Horizontal	Pass
17799.989	-31.32	26.47	-13.0	18.32	224.00	Vertical	Horizontal	Pass

Band:WCDMA B2,Channel:Mid range

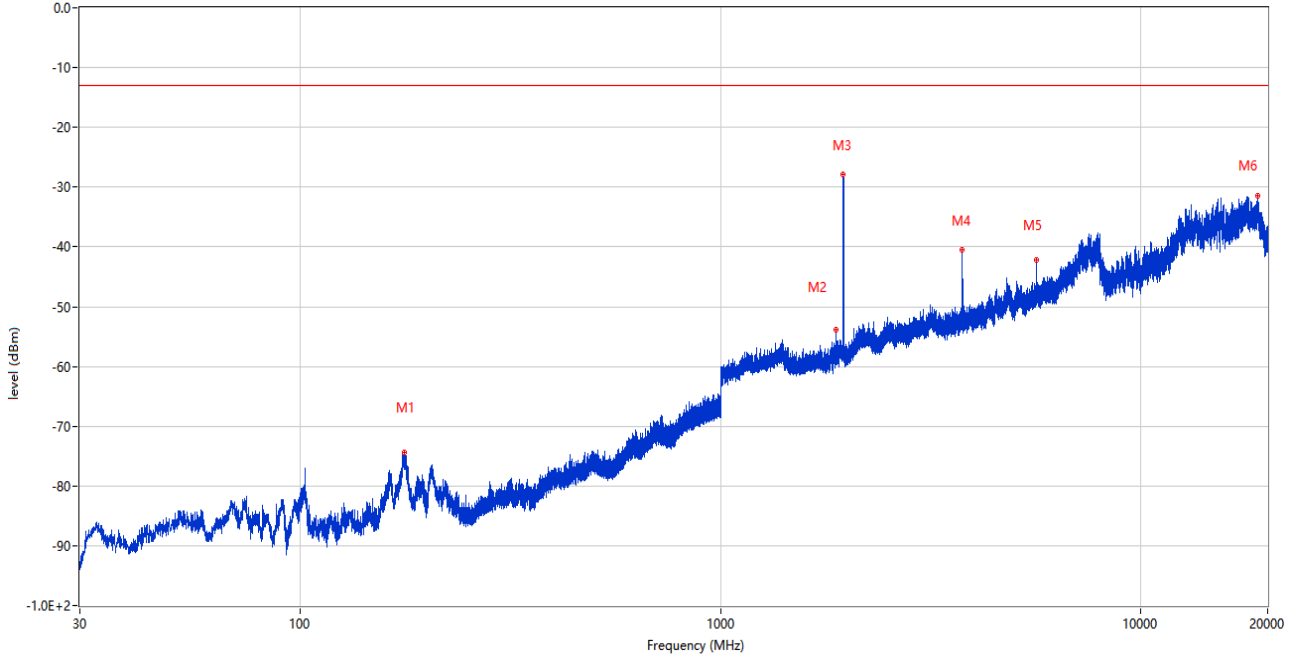
RSE (RF) \_FCC PART22&24&27\_GSM 1900 & CDMA BC1 & WCDMA Band 2 & LTE Band 2 & 25 \_1830-1920\_30MHz-20GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
175.888	-73.46	-15.38	-13.0	60.46	42.00	Horizontal	Horizontal	Pass
1878.800	-53.26	-3.02	-13.0	40.26	7.00	Horizontal	Horizontal	N/A
1960.100	-26.48	-4.46	-13.0	13.48	274.00	Horizontal	Horizontal	N/A
3758.250	-44.39	4.40	-13.0	31.39	54.00	Horizontal	Horizontal	Pass
7523.500	-37.92	16.12	-13.0	24.92	360.00	Horizontal	Horizontal	Pass
18998.776	-31.25	23.96	-13.0	18.25	275.00	Horizontal	Horizontal	Pass

Band:WCDMA B2,Channel:Mid range

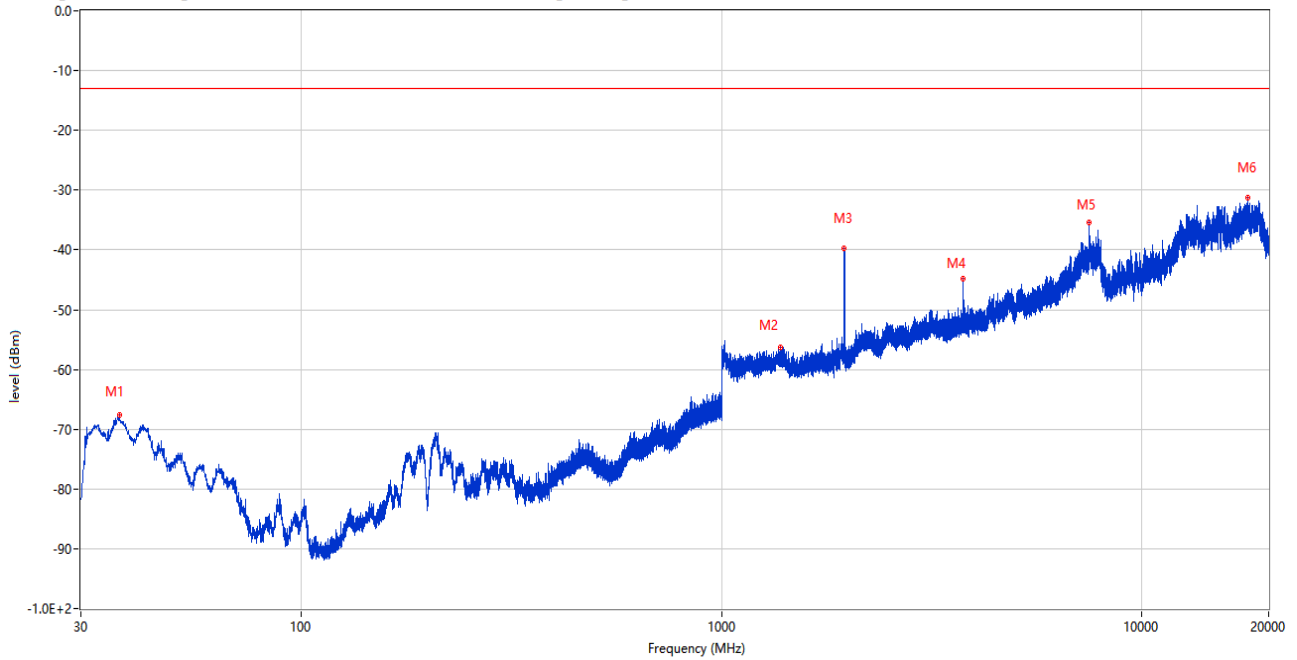
RSE (RF) \_FCC PART22&24&27\_GSM 1900 & CDMA BC1 & WCDMA Band 2 & LTE Band 2 & 25 \_1830-1920\_30MHz-20GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
177.246	-74.35	-15.32	-13.0	61.35	48.00	Horizontal	Vertical	Pass
1878.800	-53.79	-3.02	-13.0	40.79	1.00	Horizontal	Vertical	N/A
1960.200	-27.97	-4.45	-13.0	14.97	282.00	Horizontal	Vertical	N/A
3758.250	-40.56	4.40	-13.0	27.56	156.00	Horizontal	Vertical	Pass
5637.750	-42.15	8.20	-13.0	29.15	138.00	Horizontal	Vertical	Pass
18945.849	-31.51	24.01	-13.0	18.51	172.00	Horizontal	Vertical	Pass

Band:WCDMA B2,Channel:Mid range

RSE (RF) \_FCC PART22&24&27\_GSM 1900 & CDMA BC1 & WCDMA Band 2 & LTE Band 2 & 25 \_1830-1920\_30MHz-20GHz

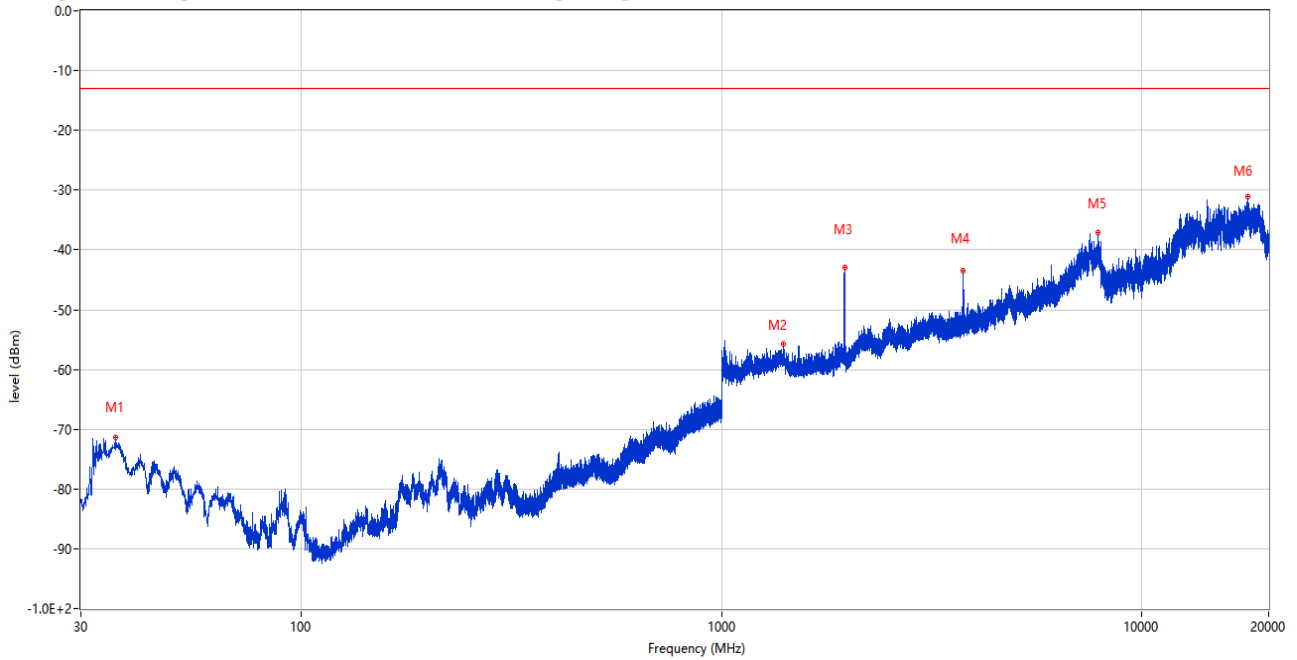


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
36.984	-67.53	-19.30	-13.0	54.53	292.00	Vertical	Vertical	Pass
1381.400	-56.38	-4.17	-13.0	43.38	168.00	Vertical	Vertical	Pass
1960.400	-39.67	-4.43	-13.0	26.67	220.00	Vertical	Vertical	N/A
3761.750	-44.79	4.52	-13.0	31.79	58.00	Vertical	Vertical	Pass
7498.000	-35.37	16.56	-13.0	22.37	66.00	Vertical	Vertical	Pass
17826.812	-31.18	26.14	-13.0	18.18	0.00	Vertical	Vertical	Pass



Band:WCDMA B2,Channel:Mid range

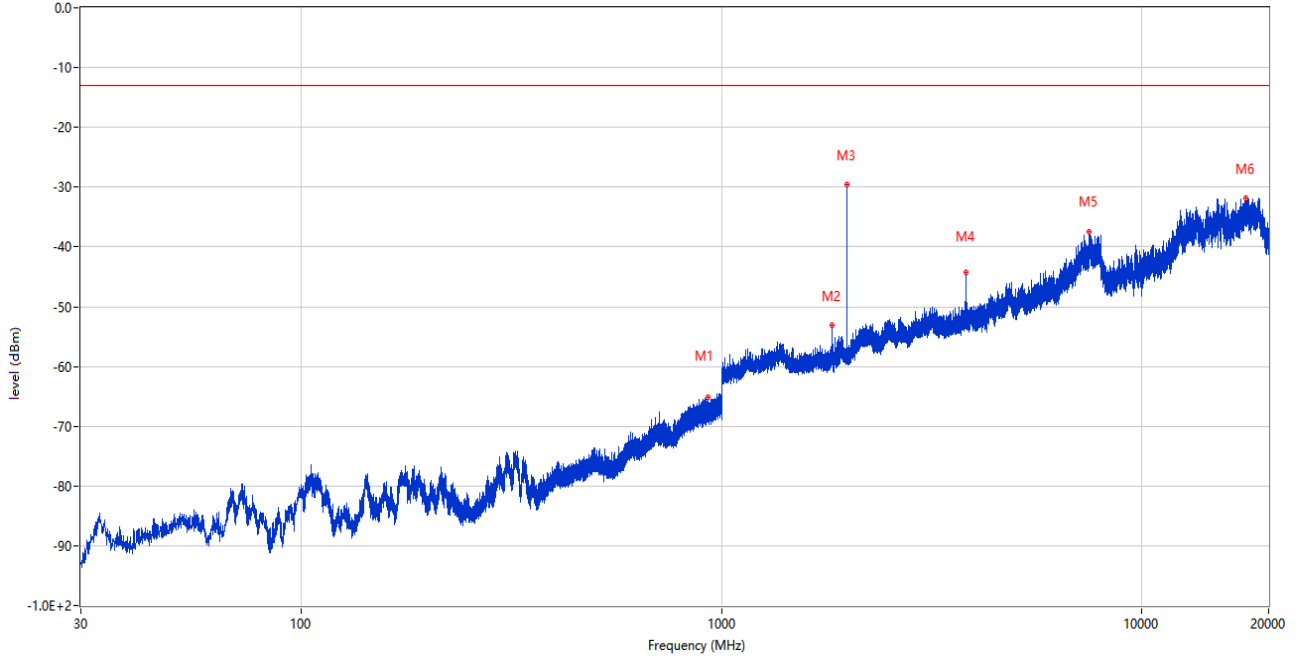
RSE (RF) \_FCC PART22&24&27\_GSM 1900 & CDMA BC1 & WCDMA Band 2 & LTE Band 2 & 25 \_1830-1920\_30MHz-20GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
36.208	-71.35	-20.01	-13.0	58.35	306.00	Vertical	Horizontal	Pass
1400.700	-55.79	-4.18	-13.0	42.79	334.00	Vertical	Horizontal	Pass
1961.600	-42.90	-4.31	-13.0	29.90	174.00	Vertical	Horizontal	N/A
3762.500	-43.59	4.50	-13.0	30.59	200.00	Vertical	Horizontal	Pass
7866.750	-37.02	16.97	-13.0	24.02	237.00	Vertical	Horizontal	Pass
17836.239	-31.12	26.03	-13.0	18.12	135.00	Vertical	Horizontal	Pass

Band:WCDMA B2,Channel:High range

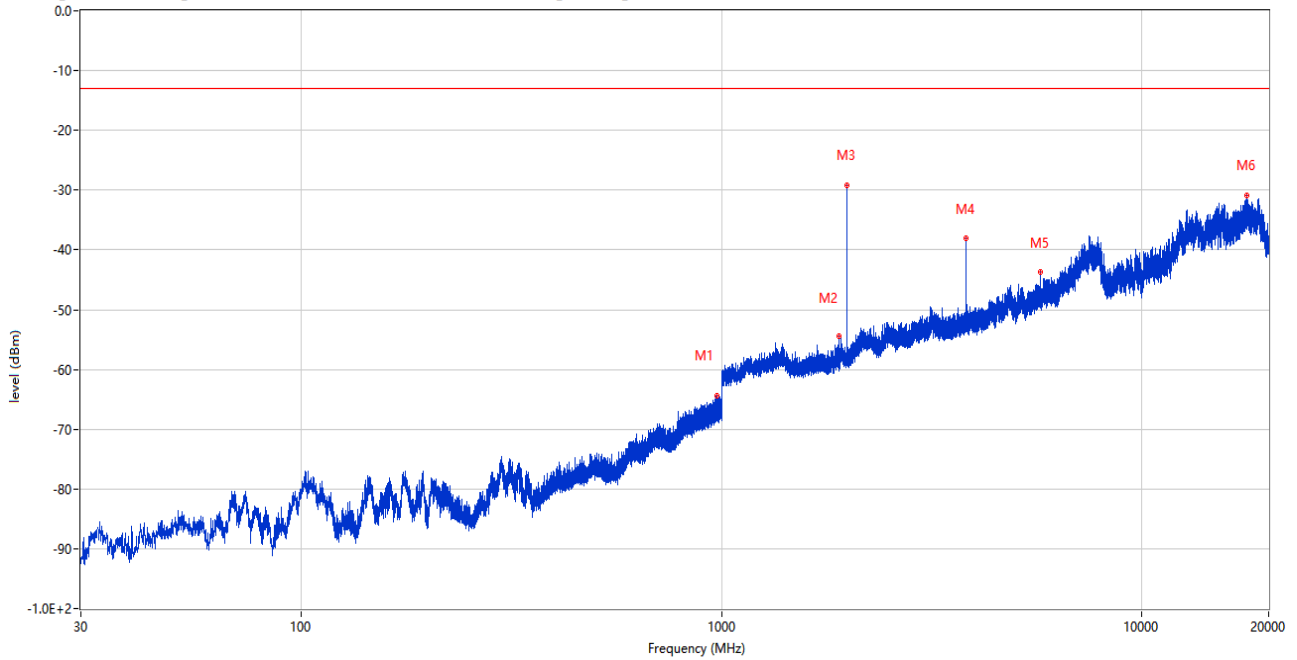
RSE (RF) \_FCC PART22&24&27\_GSM 1900 & CDMA BC1 & WCDMA Band 2 & LTE Band 2 & 25 \_1830-1920\_30MHz-20GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
927.783	-65.24	2.62	-13.0	52.24	85.00	Horizontal	Horizontal	Pass
1832.700	-53.19	-4.29	-13.0	40.19	352.00	Horizontal	Horizontal	Pass
1987.300	-29.65	-4.75	-13.0	16.65	276.00	Horizontal	Horizontal	N/A
3813.000	-44.18	5.33	-13.0	31.18	92.00	Horizontal	Horizontal	Pass
7500.500	-37.44	16.43	-13.0	24.44	128.00	Horizontal	Horizontal	Pass
17630.700	-31.88	25.62	-13.0	18.88	8.00	Horizontal	Horizontal	Pass

Band:WCDMA B2,Channel:High range

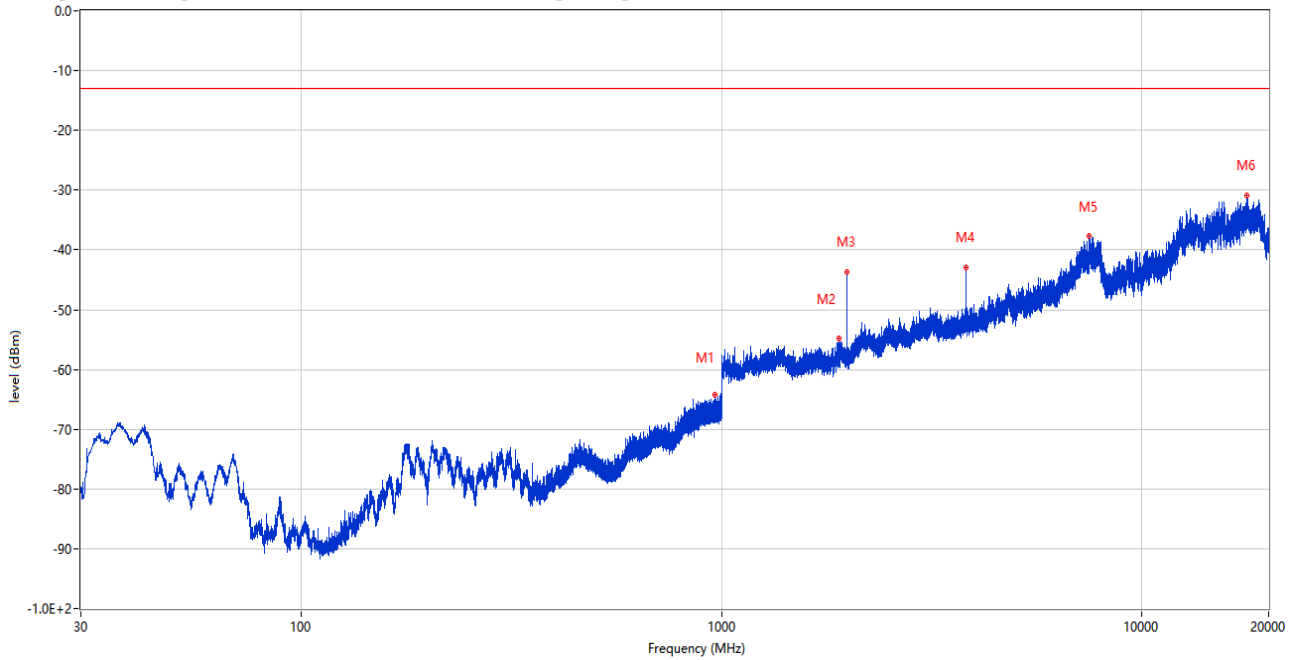
RSE (RF) \_FCC PART22&24&27\_GSM 1900 & CDMA BC1 & WCDMA Band 2 & LTE Band 2 & 25 \_1830-1920\_30MHz-20GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
973.325	-64.37	3.58	-13.0	51.37	199.00	Horizontal	Vertical	Pass
1907.000	-54.44	-2.67	-13.0	41.44	49.00	Horizontal	Vertical	N/A
1986.800	-29.10	-4.78	-13.0	16.10	277.00	Horizontal	Vertical	N/A
3816.750	-38.11	5.34	-13.0	25.11	167.00	Horizontal	Vertical	Pass
5726.750	-43.72	7.70	-13.0	30.72	141.00	Horizontal	Vertical	Pass
17783.312	-30.79	26.25	-13.0	17.79	155.00	Horizontal	Vertical	Pass

Band:WCDMA B2,Channel:High range

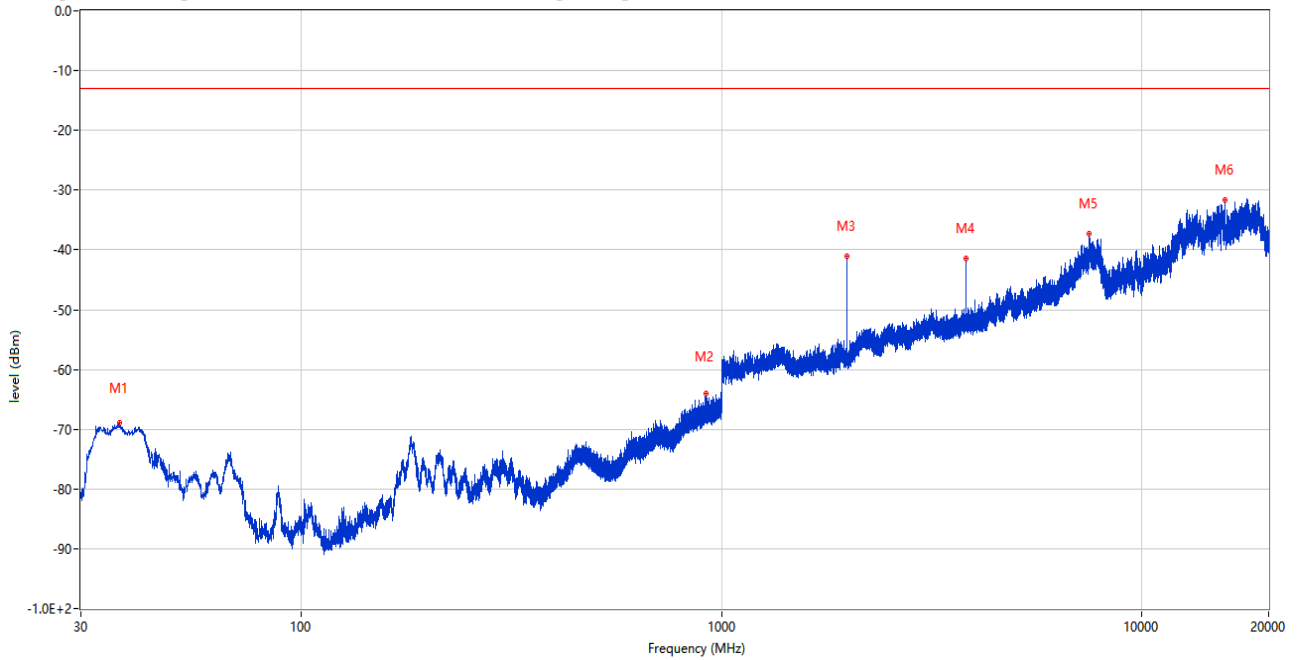
RSE (RF) \_FCC PART22&24&27\_GSM 1900 & CDMA BC1 & WCDMA Band 2 & LTE Band 2 & 25 \_1830-1920\_30MHz-20GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
966.729	-64.13	3.36	-13.0	51.13	208.00	Vertical	Vertical	Pass
1907.600	-54.83	-2.68	-13.0	41.83	119.00	Vertical	Vertical	N/A
1988.700	-43.65	-4.49	-13.0	30.65	235.00	Vertical	Vertical	N/A
3813.500	-42.88	5.33	-13.0	29.88	112.00	Vertical	Vertical	Pass
7491.000	-37.71	16.81	-13.0	24.71	345.00	Vertical	Vertical	Pass
17766.275	-30.82	26.02	-13.0	17.82	148.00	Vertical	Vertical	Pass

Band:WCDMA B2,Channel:High range

RSE (RF) \_FCC PART22&24&27\_GSM 1900 & CDMA BC1 & WCDMA Band 2 & LTE Band 2 & 25 \_1830-1920\_30MHz-20GHz

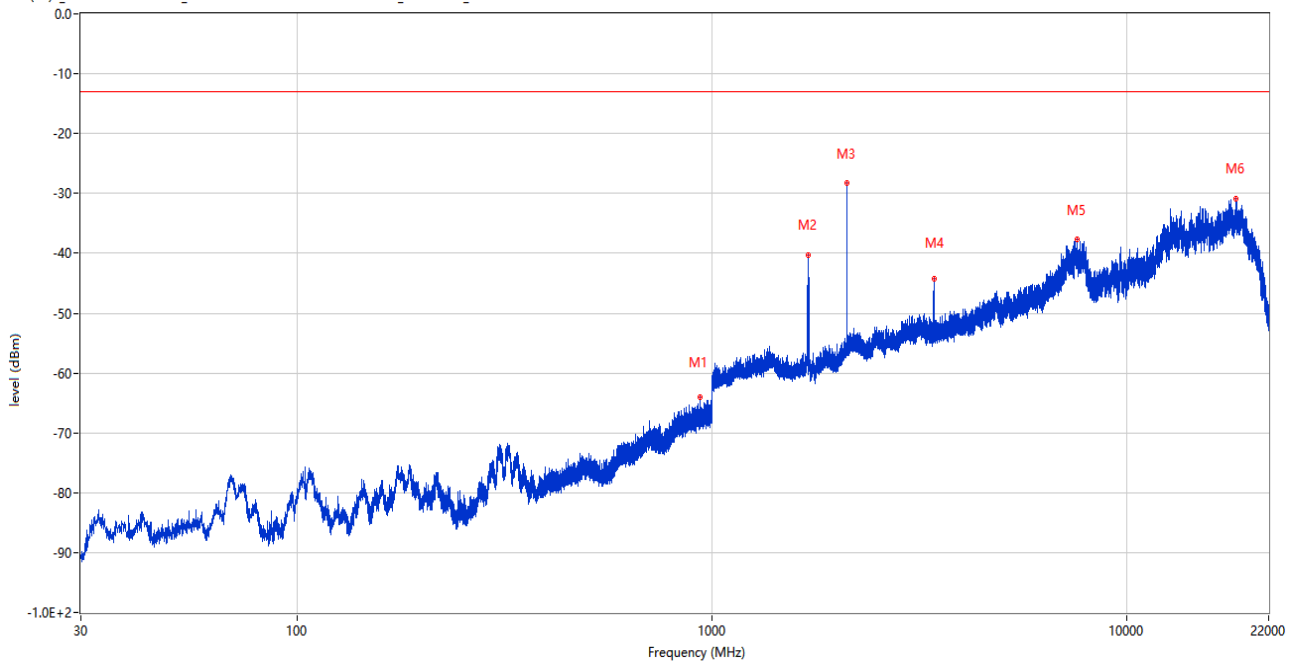


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
37.032	-69.00	-19.28	-13.0	56.00	47.00	Vertical	Horizontal	Pass
919.490	-64.02	2.46	-13.0	51.02	139.00	Vertical	Horizontal	Pass
1988.800	-41.15	-4.47	-13.0	28.15	223.00	Vertical	Horizontal	N/A
3813.750	-41.40	5.33	-13.0	28.40	204.00	Vertical	Horizontal	Pass
7501.750	-37.22	16.35	-13.0	24.22	68.00	Vertical	Horizontal	Pass
15722.138	-31.60	23.71	-13.0	18.60	181.00	Vertical	Horizontal	Pass

### 3.2 WCDMA Band 4

Band:WCDMA B4,Channel:Low range

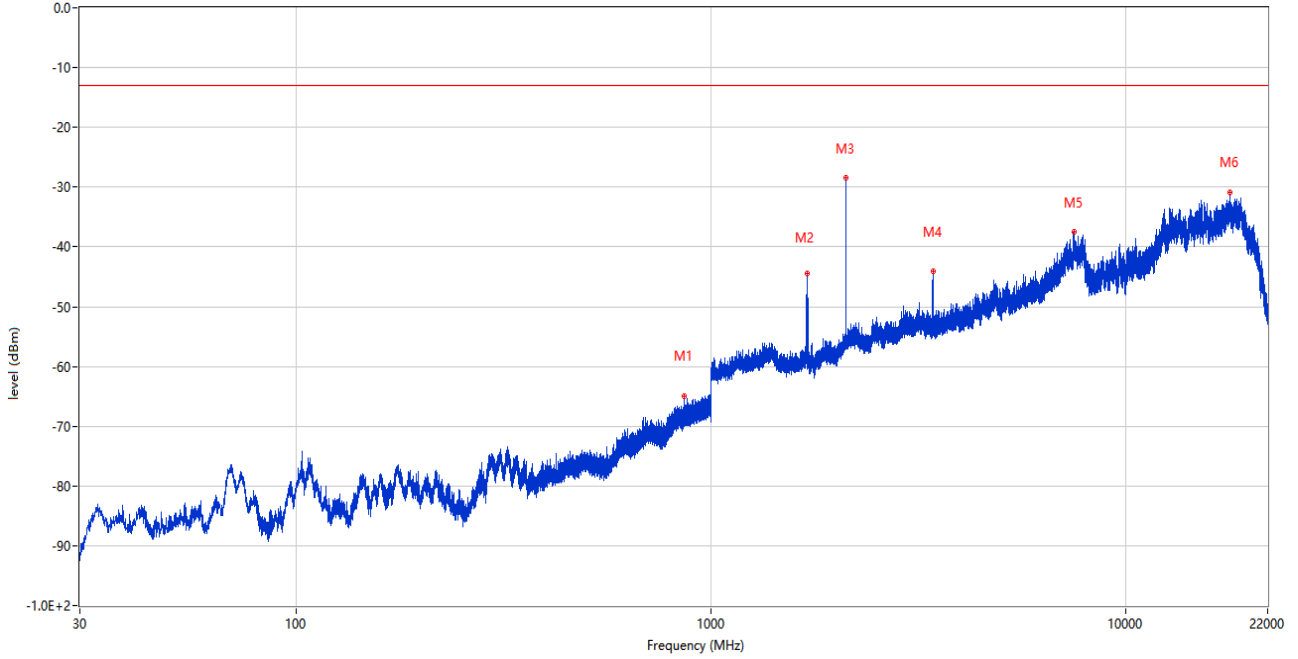
RSE (RF) \_FCC PART22&24&27\_WCDMA Band 4 & LTE Band 4 & 66 \_1710-1785\_30MHz-20GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
936.465	-64.10	2.61	-13.0	51.10	229.00	Horizontal	Horizontal	Pass
1703.300	-40.28	-3.96	-13.0	27.28	146.00	Horizontal	Horizontal	N/A
2111.700	-28.33	-1.68	-13.0	15.33	281.00	Horizontal	Horizontal	N/A
3427.000	-44.30	3.52	-13.0	31.30	58.00	Horizontal	Horizontal	Pass
7610.500	-37.75	15.94	-13.0	24.75	167.00	Horizontal	Horizontal	Pass
18374.001	-30.86	24.55	-13.0	17.86	140.00	Horizontal	Horizontal	Pass

Band:WCDMA B4,Channel:Low range

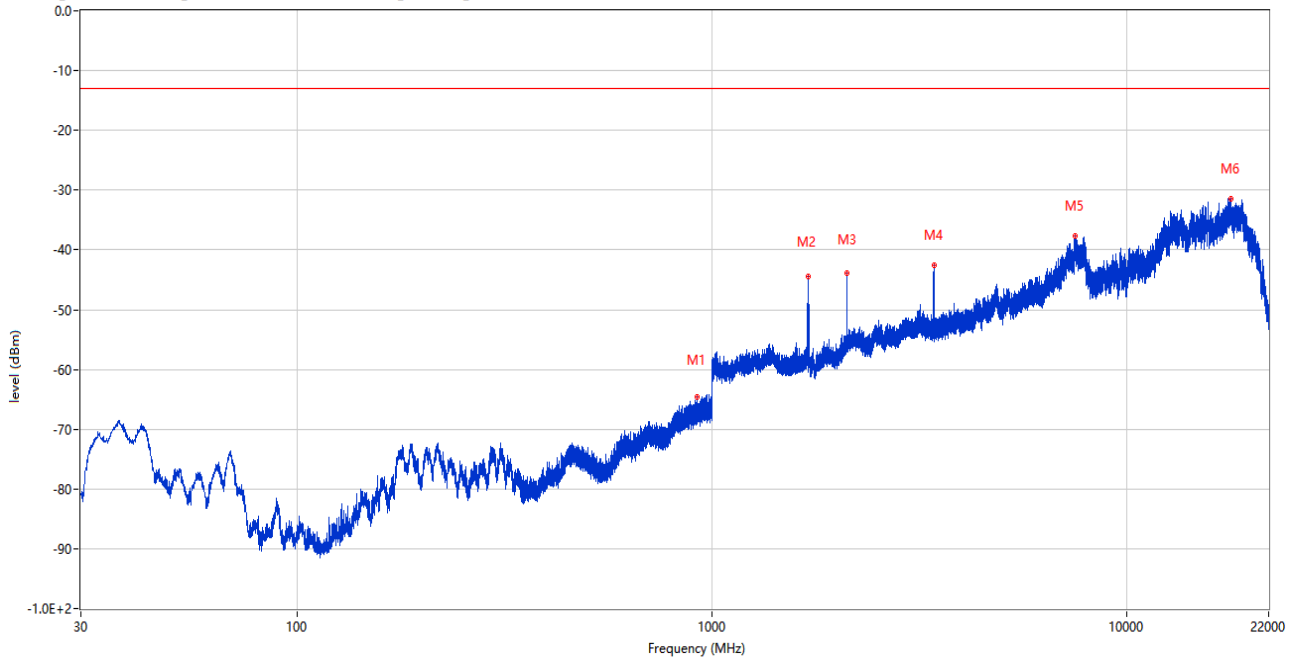
RSE (RF) \_FCC PART22&24&27\_WCDMA Band 4 & LTE Band 4 & 66\_1710-1785\_30MHz-20GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
859.399	-64.88	1.61	-13.0	51.88	224.00	Horizontal	Vertical	Pass
1703.300	-44.52	-3.96	-13.0	31.52	198.00	Horizontal	Vertical	N/A
2112.500	-28.49	-1.67	-13.0	15.49	280.00	Horizontal	Vertical	N/A
3426.750	-44.03	3.51	-13.0	31.03	165.00	Horizontal	Vertical	Pass
7505.750	-37.49	16.11	-13.0	24.49	352.00	Horizontal	Vertical	Pass
17794.949	-30.82	26.40	-13.0	17.82	95.00	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

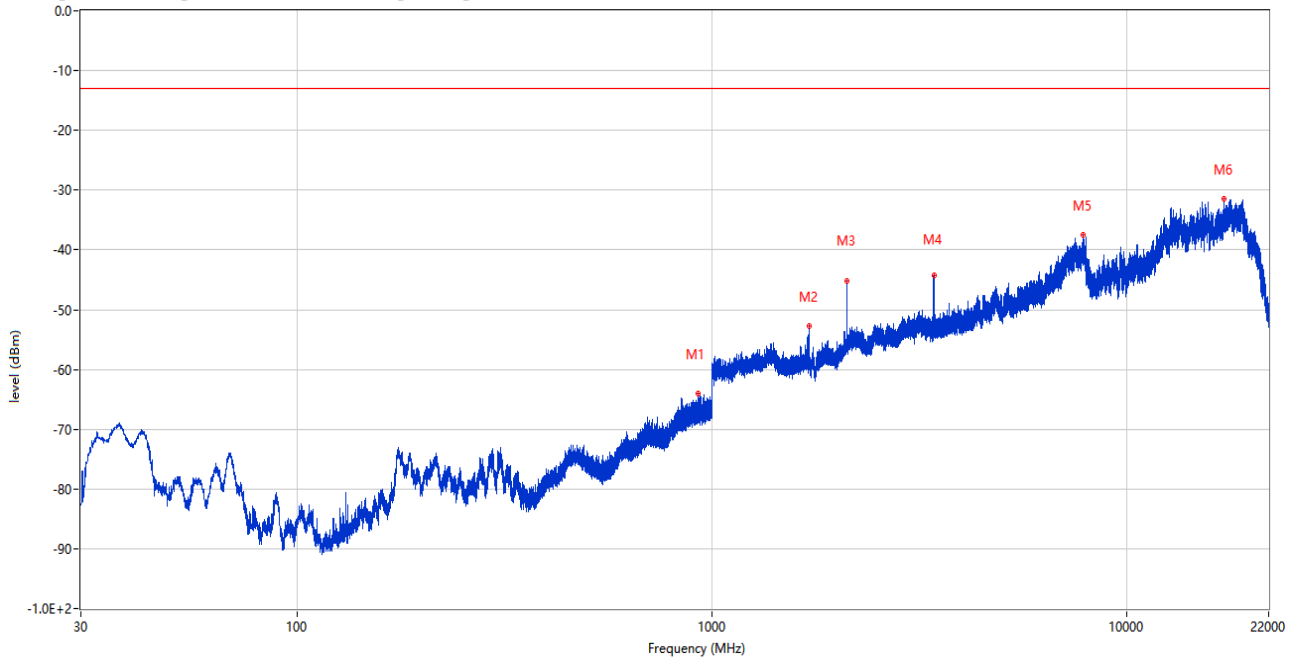


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
920.751	-64.64	2.58	-13.0	51.64	41.00	Vertical	Vertical	Pass
1703.300	-44.47	-3.96	-13.0	31.47	165.00	Vertical	Vertical	N/A
2112.600	-43.92	-1.67	-13.0	30.92	176.00	Vertical	Vertical	N/A
3427.000	-42.57	3.52	-13.0	29.57	168.00	Vertical	Vertical	Pass
7496.750	-37.60	16.63	-13.0	24.60	31.00	Vertical	Vertical	Pass
17829.636	-31.41	26.11	-13.0	18.41	216.00	Vertical	Vertical	Pass



Band:WCDMA B4,Channel:Low range

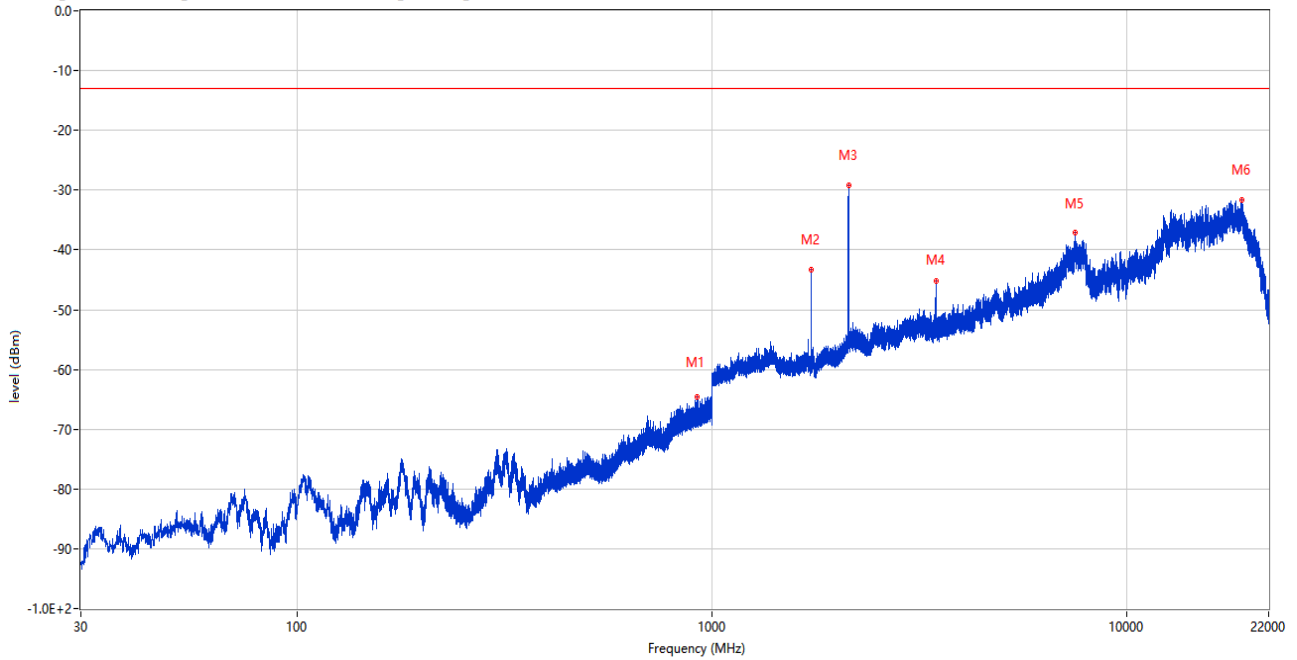
RSE (RF) \_FCC PART22&24&27\_WCDMA Band 4 & LTE Band 4 & 66\_1710-1785\_30MHz-20GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
927.250	-64.10	2.54	-13.0	51.10	48.00	Vertical	Horizontal	Pass
1714.000	-52.76	-4.00	-13.0	39.76	245.00	Vertical	Horizontal	N/A
2111.900	-45.17	-1.67	-13.0	32.17	164.00	Vertical	Horizontal	N/A
3427.250	-44.26	3.52	-13.0	31.26	224.00	Vertical	Horizontal	Pass
7868.500	-37.57	16.99	-13.0	24.57	224.00	Vertical	Horizontal	Pass
17164.100	-31.47	24.87	-13.0	18.47	157.00	Vertical	Horizontal	Pass

Band:WCDMA B4,Channel:Mid range

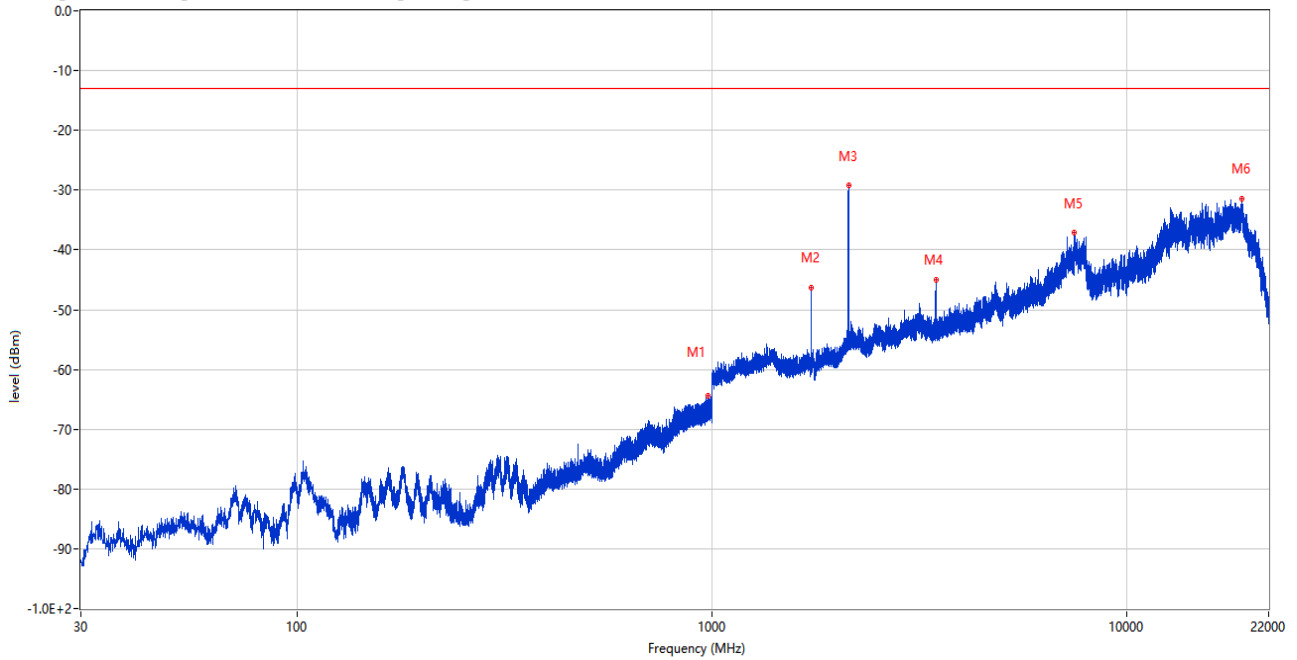
RSE (RF) \_FCC PART22&24&27\_WCDMA Band 4 & LTE Band 4 & 66\_1710-1785\_30MHz-20GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
919.393	-64.61	2.57	-13.0	51.61	307.00	Horizontal	Horizontal	Pass
1734.200	-43.29	-4.08	-13.0	30.29	132.00	Horizontal	Horizontal	N/A
2132.400	-29.14	-1.57	-13.0	16.14	266.00	Horizontal	Horizontal	N/A
3462.250	-45.12	3.75	-13.0	32.12	70.00	Horizontal	Horizontal	Pass
7497.500	-37.13	16.58	-13.0	24.13	231.00	Horizontal	Horizontal	Pass
18947.037	-31.62	24.01	-13.0	18.62	149.00	Horizontal	Horizontal	Pass

Band:WCDMA B4,Channel:Mid range

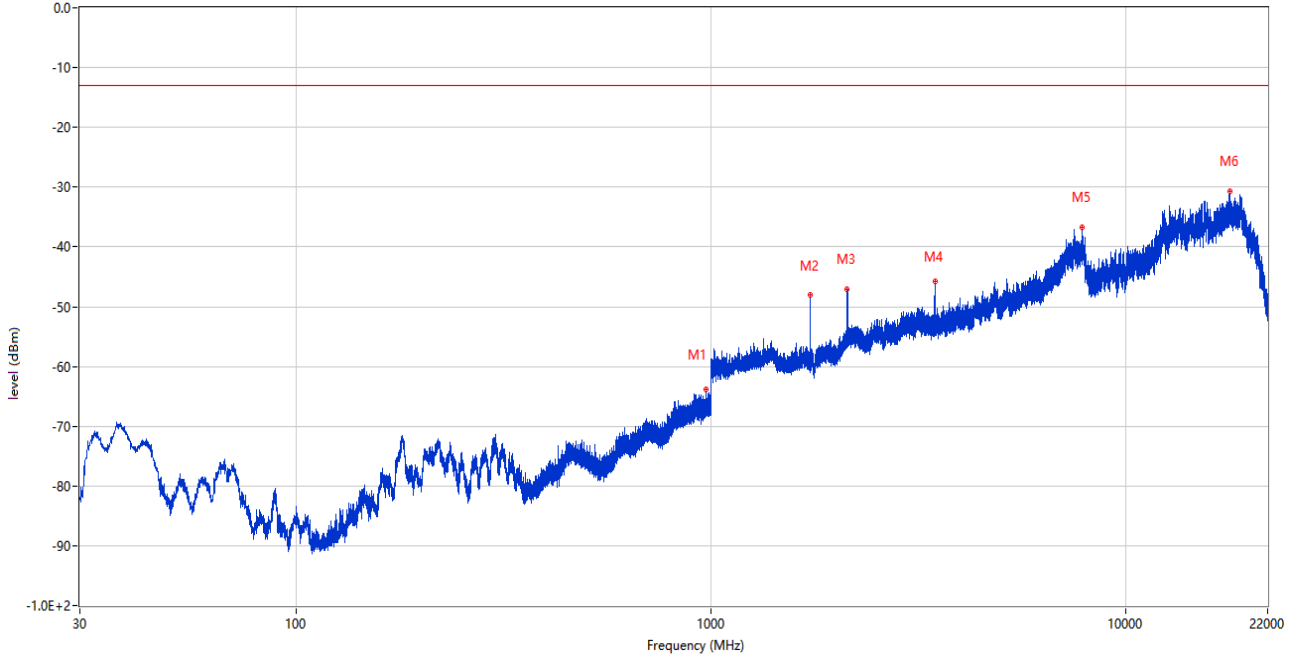
RSE (RF) \_FCC PART22&24&27\_WCDMA Band 4 & LTE Band 4 & 66\_1710-1785\_30MHz-20GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
975.702	-64.32	3.57	-13.0	51.32	258.00	Horizontal	Vertical	Pass
1733.500	-46.31	-4.08	-13.0	33.31	200.00	Horizontal	Vertical	N/A
2133.400	-29.23	-1.50	-13.0	16.23	265.00	Horizontal	Vertical	N/A
3463.500	-45.05	3.80	-13.0	32.05	360.00	Horizontal	Vertical	Pass
7486.750	-37.16	16.76	-13.0	24.16	344.00	Horizontal	Vertical	Pass
18975.250	-31.37	23.98	-13.0	18.37	10.00	Horizontal	Vertical	Pass

Band:WCDMA B4,Channel:Mid range

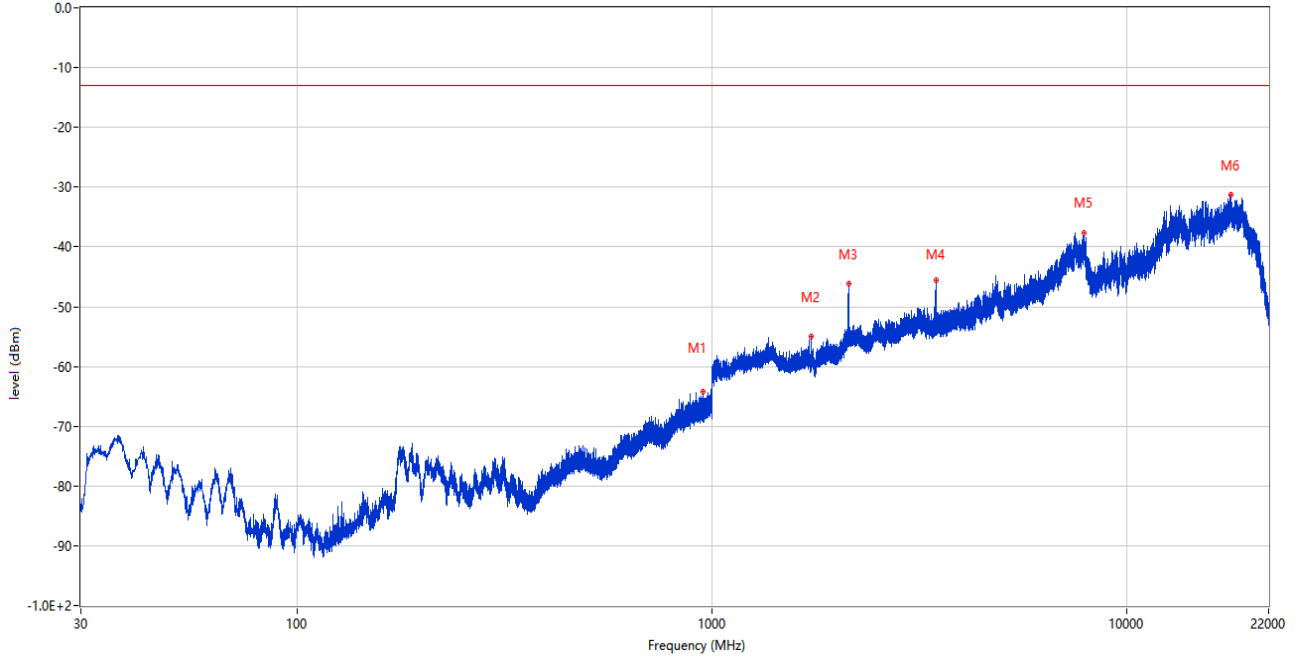
RSE (RF) \_FCC PART22&24&27\_WCDMA Band 4 & LTE Band 4 & 66\_1710-1785\_30MHz-20GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
973.907	-63.92	3.51	-13.0	50.92	123.00	Vertical	Vertical	Pass
1733.900	-48.09	-4.08	-13.0	35.09	70.00	Vertical	Vertical	N/A
2130.900	-47.01	-1.65	-13.0	34.01	41.00	Vertical	Vertical	N/A
3466.750	-45.72	3.82	-13.0	32.72	165.00	Vertical	Vertical	Pass
7859.000	-36.68	16.57	-13.0	23.68	314.00	Vertical	Vertical	Pass
17810.676	-30.63	26.34	-13.0	17.63	72.00	Vertical	Vertical	Pass

Band:WCDMA B4,Channel:Mid range

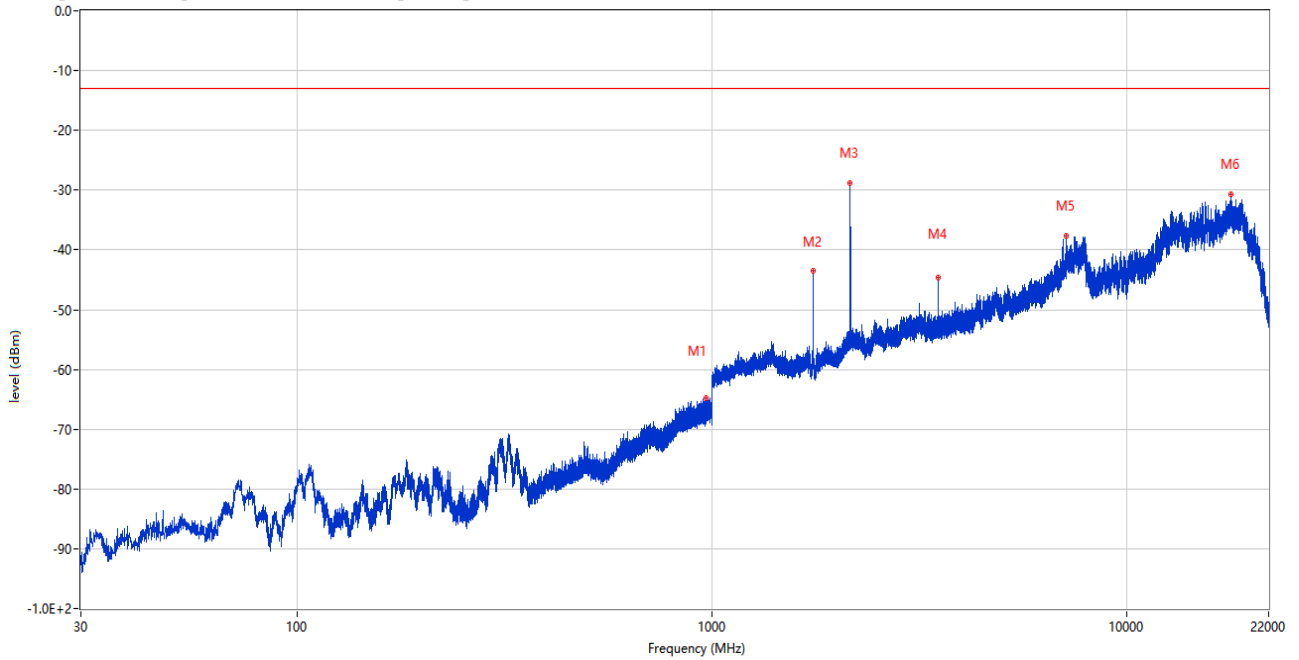
RSE (RF) \_FCC PART22&24&27\_WCDMA Band 4 & LTE Band 4 & 66\_1710-1785\_30MHz-20GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
951.403	-64.29	3.00	-13.0	51.29	303.00	Vertical	Horizontal	Pass
1734.500	-55.03	-4.08	-13.0	42.03	296.00	Vertical	Horizontal	N/A
2133.300	-46.20	-1.51	-13.0	33.20	54.00	Vertical	Horizontal	N/A
3466.750	-45.61	3.82	-13.0	32.61	18.00	Vertical	Horizontal	Pass
7871.000	-37.62	17.07	-13.0	24.62	224.00	Vertical	Horizontal	Pass
17843.974	-31.29	25.93	-13.0	18.29	0.00	Vertical	Horizontal	Pass

Band:WCDMA B4,Channel:High range

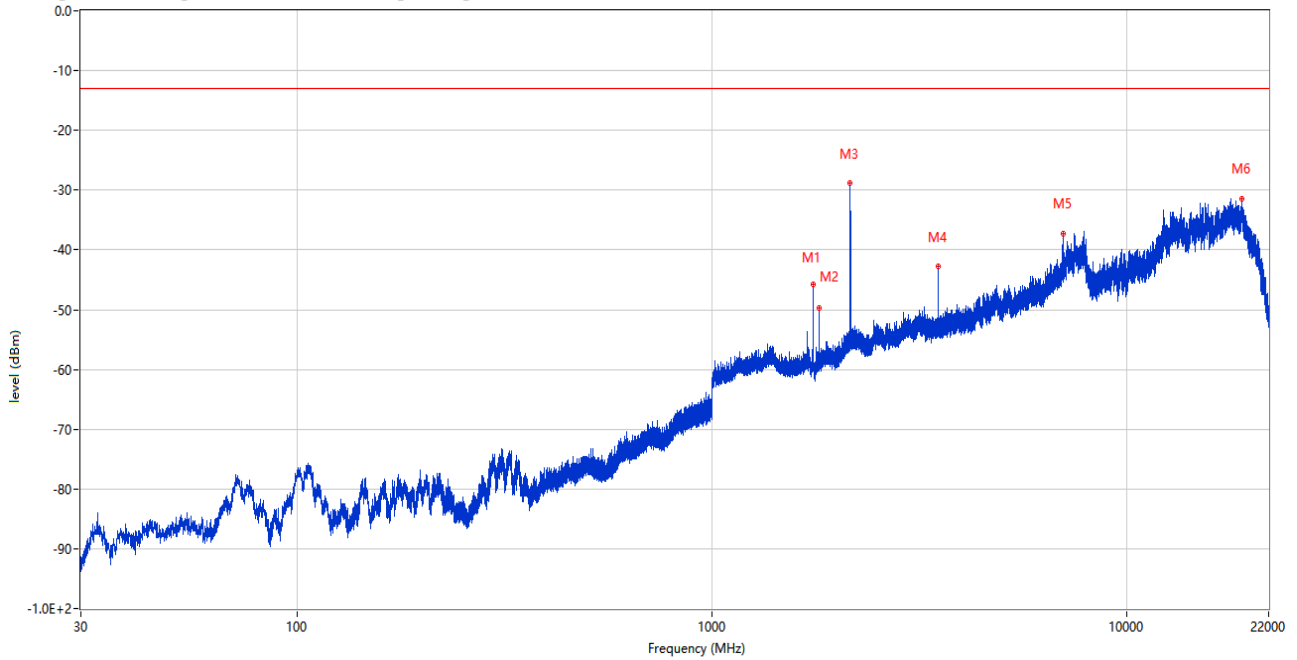
RSE (RF) \_FCC PART22&24&27\_WCDMA Band 4 & LTE Band 4 & 66\_1710-1785\_30MHz-20GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
965.904	-64.70	3.29	-13.0	51.70	278.00	Horizontal	Horizontal	Pass
1754.200	-43.52	-4.19	-13.0	30.52	1.00	Horizontal	Horizontal	N/A
2153.900	-28.79	-1.18	-13.0	15.79	268.00	Horizontal	Horizontal	N/A
3503.750	-44.61	3.46	-13.0	31.61	17.00	Horizontal	Horizontal	Pass
7166.000	-37.60	14.84	-13.0	24.60	225.00	Horizontal	Horizontal	Pass
17807.438	-30.63	26.38	-13.0	17.63	327.00	Horizontal	Horizontal	Pass

Band:WCDMA B4,Channel:High range

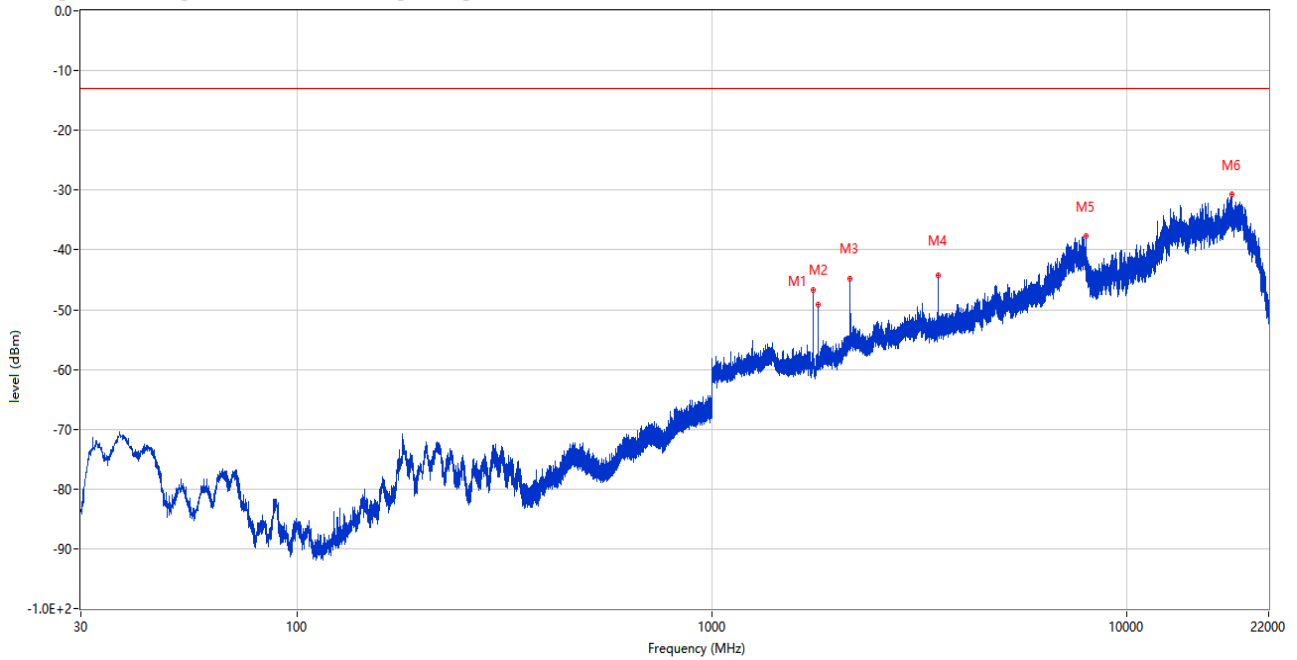
RSE (RF) \_FCC PART22&24&27\_WCDMA Band 4 & LTE Band 4 & 66\_1710-1785\_30MHz-20GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
1753.500	-45.76	-4.18	-13.0	32.76	201.00	Horizontal	Vertical	N/A
1809.900	-49.76	-4.95	-13.0	36.76	149.00	Horizontal	Vertical	Pass
2152.500	-28.83	-1.21	-13.0	15.83	265.00	Horizontal	Vertical	N/A
3503.250	-42.84	3.45	-13.0	29.84	0.00	Horizontal	Vertical	Pass
7015.750	-37.26	12.75	-13.0	24.26	279.00	Horizontal	Vertical	Pass
18989.588	-31.45	23.97	-13.0	18.45	84.00	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

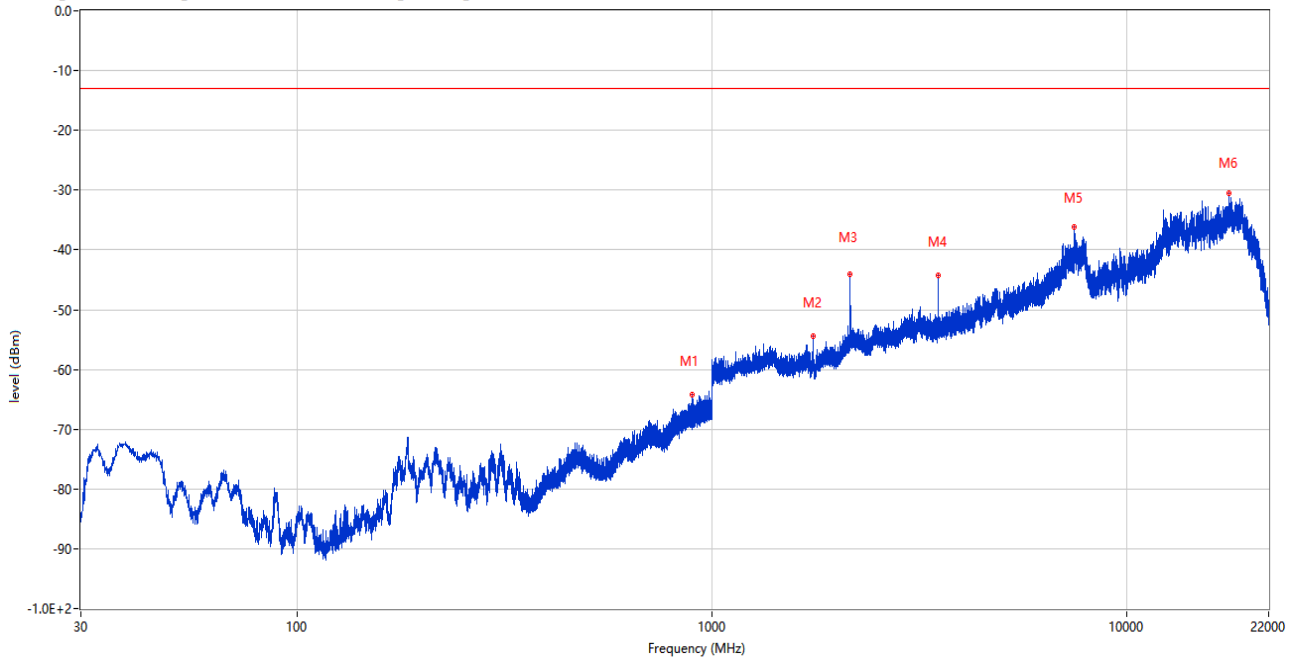


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
1753.500	-46.79	-4.18	-13.0	33.79	77.00	Vertical	Vertical	N/A
1805.200	-49.11	-5.22	-13.0	36.11	259.00	Vertical	Vertical	Pass
2153.300	-44.84	-1.19	-13.0	31.84	224.00	Vertical	Vertical	N/A
3507.750	-44.23	3.57	-13.0	31.23	168.00	Vertical	Vertical	Pass
7995.250	-37.71	17.13	-13.0	24.71	280.00	Vertical	Vertical	Pass
17975.325	-30.77	25.20	-13.0	17.77	227.00	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

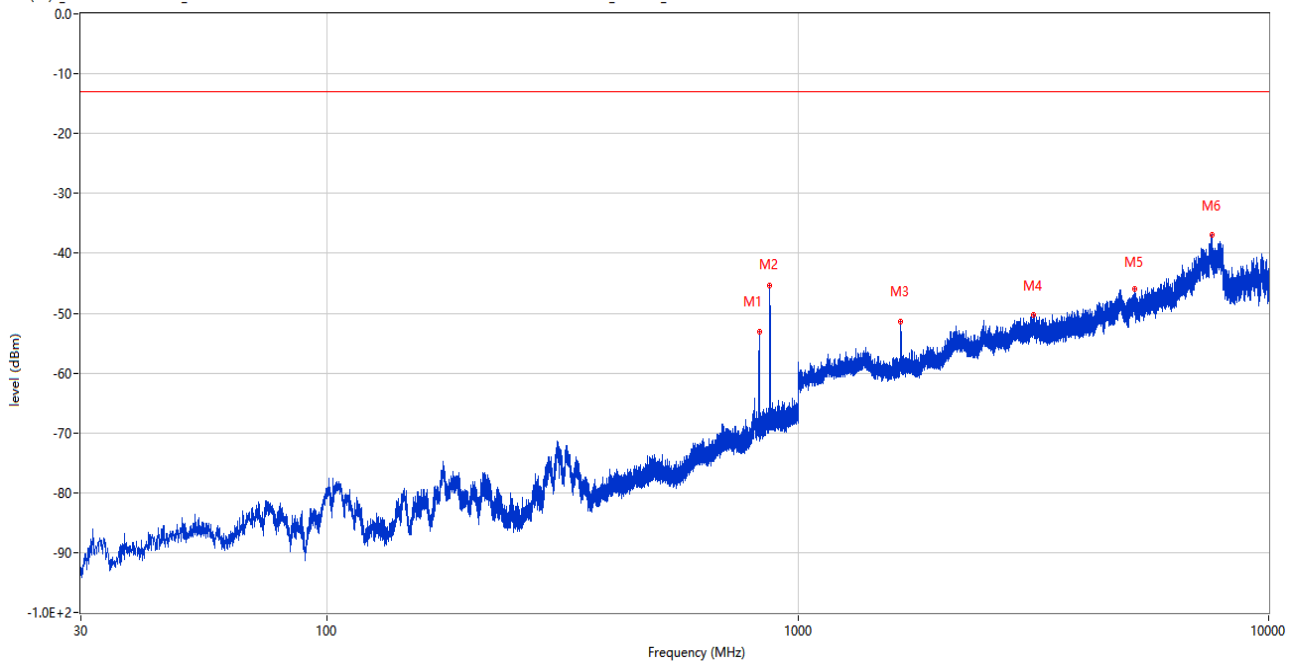


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
892.766	-64.17	2.23	-13.0	51.17	194.00	Vertical	Horizontal	Pass
1753.600	-54.51	-4.18	-13.0	41.51	235.00	Vertical	Horizontal	N/A
2153.700	-44.02	-1.19	-13.0	31.02	282.00	Vertical	Horizontal	N/A
3503.000	-44.31	3.45	-13.0	31.31	25.00	Vertical	Horizontal	Pass
7487.250	-36.17	16.77	-13.0	23.17	324.00	Vertical	Horizontal	Pass
17611.338	-30.49	25.78	-13.0	17.49	135.00	Vertical	Horizontal	Pass

### 3.3 WCDMA Band 5

Band:WCDMA B5,Channel:Low range

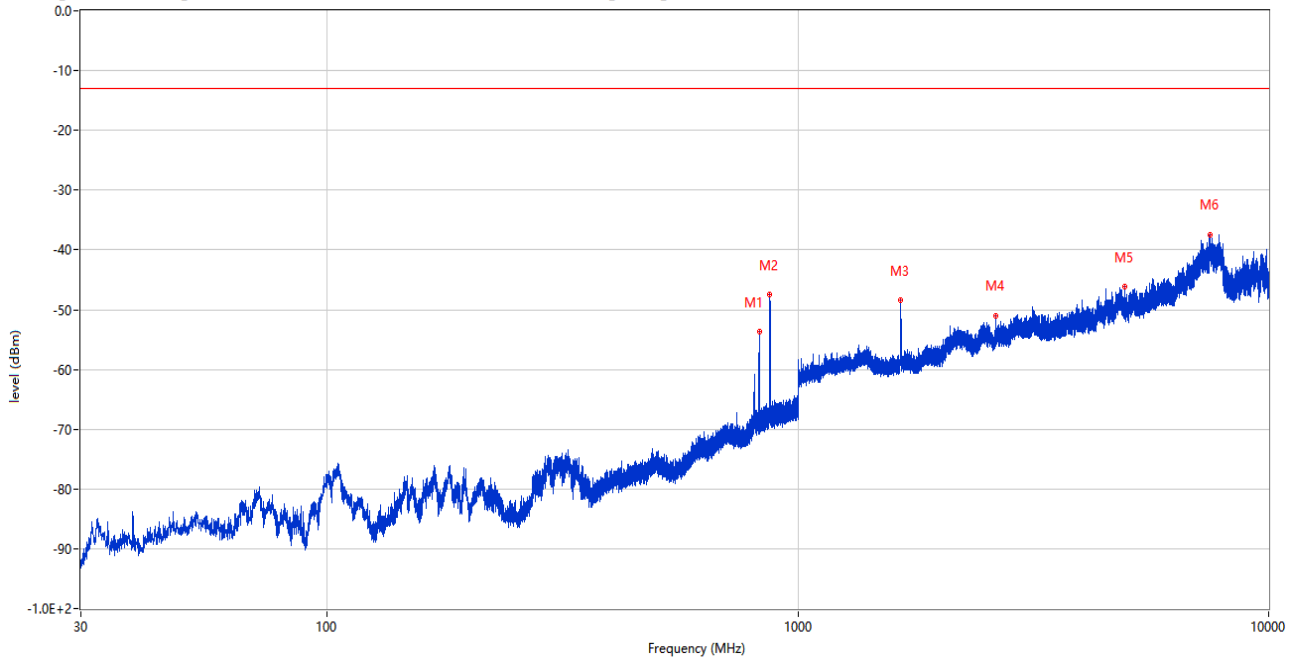
RSE (RF) \_FCC PART22&24&27\_GSM 850 & CDMA BC0 & WCDMA Band5 & LTE Band 5 & 26 & 18 & 19\_814-849\_30MHz-10GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
828.019	-53.15	2.03	-13.0	40.15	23.00	Horizontal	Horizontal	N/A
872.300	-45.45	2.17	-13.0	32.45	278.00	Horizontal	Horizontal	N/A
1654.800	-51.40	-5.51	-13.0	38.40	275.00	Horizontal	Horizontal	Pass
3162.000	-50.35	5.29	-13.0	37.35	80.00	Horizontal	Horizontal	Pass
5190.500	-46.02	8.62	-13.0	33.02	116.00	Horizontal	Horizontal	Pass
7596.750	-36.98	16.47	-13.0	23.98	243.00	Horizontal	Horizontal	Pass

Band:WCDMA B5,Channel:Low range

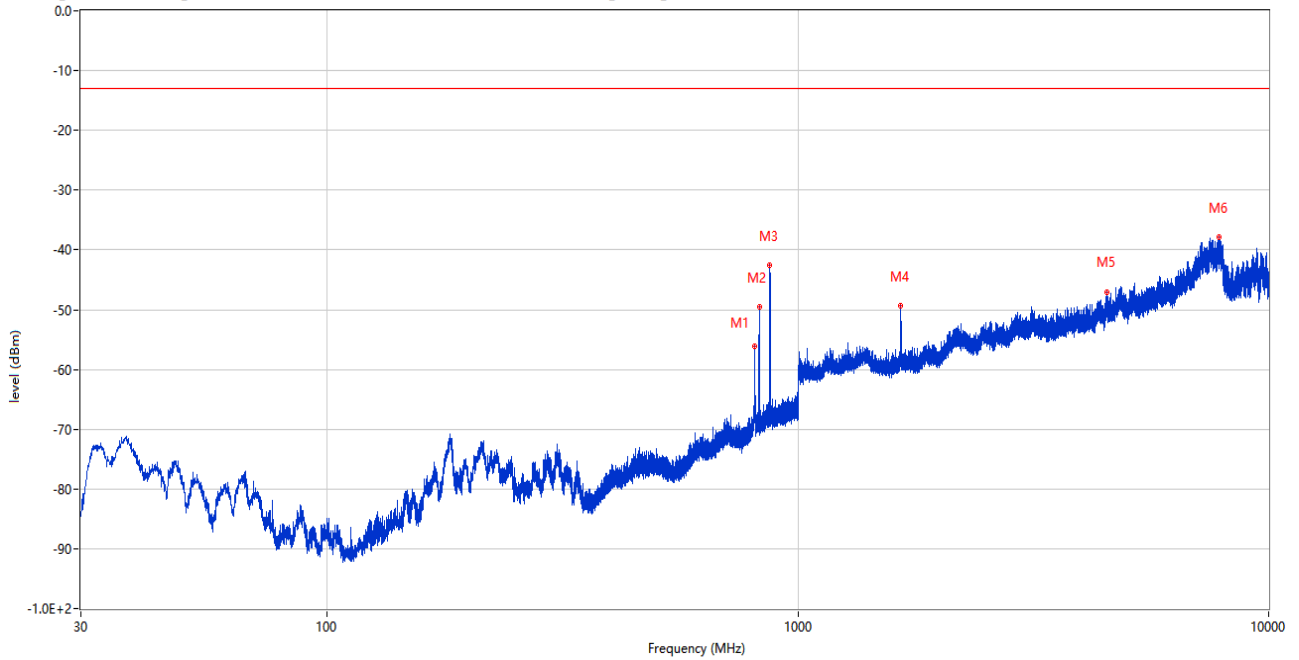
RSE (RF) \_FCC PART22&24&27\_GSM 850 & CDMA BC0 & WCDMA Band5 & LTE Band 5 & 26 & 18 & 19\_814-849\_30MHz-10GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
828.116	-53.60	2.04	-13.0	40.60	360.00	Horizontal	Vertical	N/A
871.911	-47.52	2.16	-13.0	34.52	294.00	Horizontal	Vertical	N/A
1655.700	-48.47	-5.50	-13.0	35.47	236.00	Horizontal	Vertical	Pass
2627.900	-51.10	0.07	-13.0	38.10	19.00	Horizontal	Vertical	Pass
4938.250	-46.23	6.91	-13.0	33.23	74.00	Horizontal	Vertical	Pass
7499.000	-37.44	16.50	-13.0	24.44	55.00	Horizontal	Vertical	Pass

Band:WCDMA B5,Channel:Low range

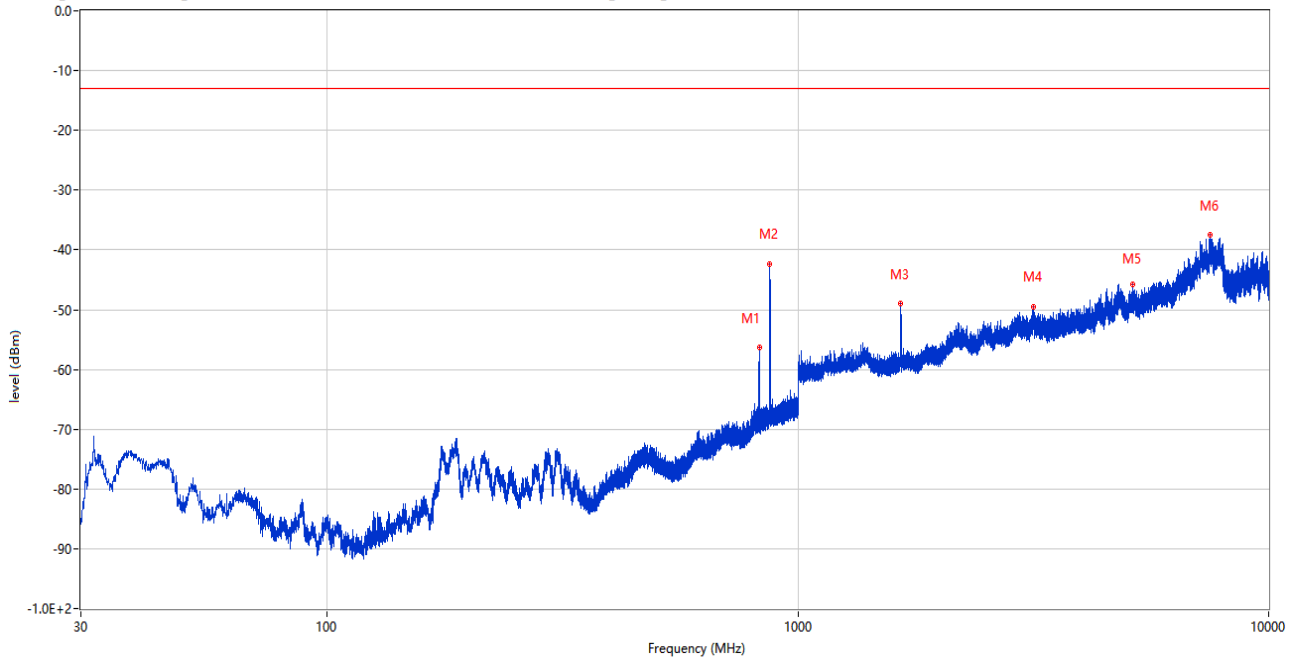
RSE (RF) \_FCC PART22&24&27\_GSM 850 & CDMA BC0 & WCDMA Band5 & LTE Band 5 & 26 & 18 & 19\_814-849\_30MHz-10GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
808.279	-56.18	1.29	-13.0	43.18	143.00	Vertical	Vertical	Pass
827.679	-49.48	2.03	-13.0	36.48	6.00	Vertical	Vertical	N/A
872.202	-42.58	2.17	-13.0	29.58	297.00	Vertical	Vertical	N/A
1654.900	-49.41	-5.51	-13.0	36.41	353.00	Vertical	Vertical	Pass
4535.500	-47.10	7.24	-13.0	34.10	14.00	Vertical	Vertical	Pass
7860.500	-37.87	16.67	-13.0	24.87	23.00	Vertical	Vertical	Pass

Band:WCDMA B5,Channel:Low range

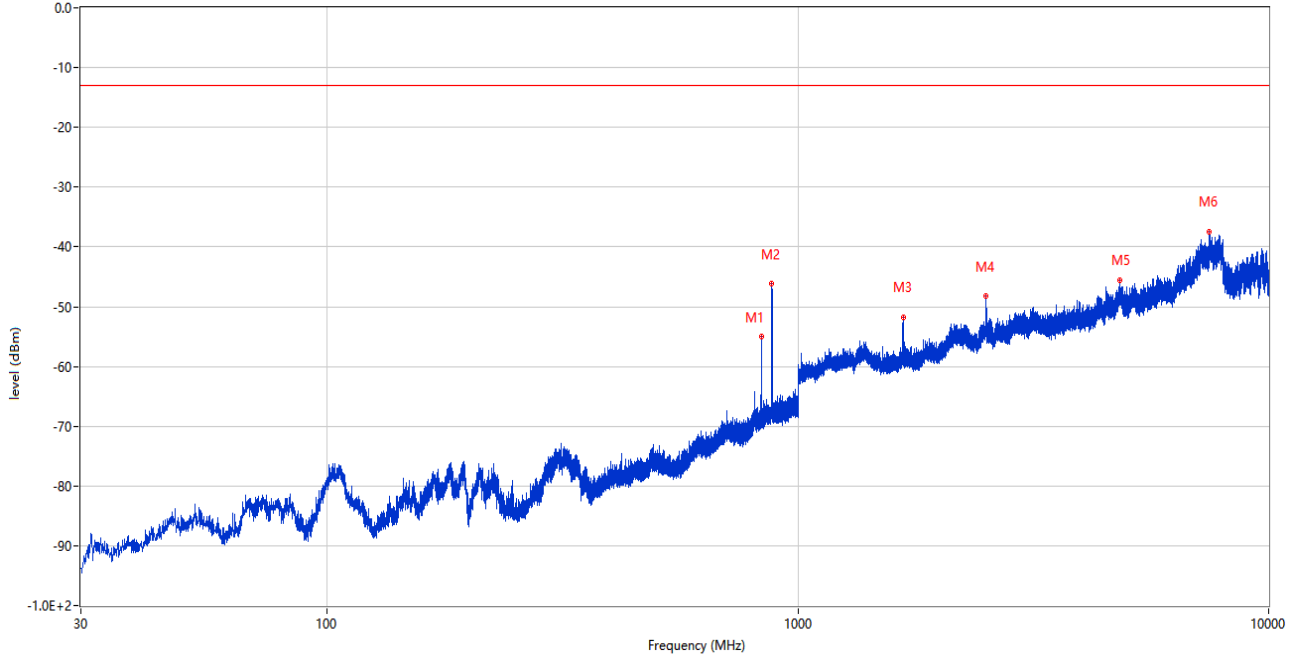
RSE (RF) \_FCC PART22&24&27\_GSM 850 & CDMA BC0 & WCDMA Band5 & LTE Band 5 & 26 & 18 & 19\_814-849\_30MHz-10GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
827.873	-56.37	2.03	-13.0	43.37	327.00	Vertical	Horizontal	N/A
872.009	-42.28	2.16	-13.0	29.28	302.00	Vertical	Horizontal	N/A
1655.200	-48.98	-5.52	-13.0	35.98	225.00	Vertical	Horizontal	Pass
3168.750	-49.53	5.57	-13.0	36.53	271.00	Vertical	Horizontal	Pass
5135.750	-45.74	8.06	-13.0	32.74	178.00	Vertical	Horizontal	Pass
7506.000	-37.51	16.09	-13.0	24.51	206.00	Vertical	Horizontal	Pass

Band:WCDMA B5,Channel:Mid range

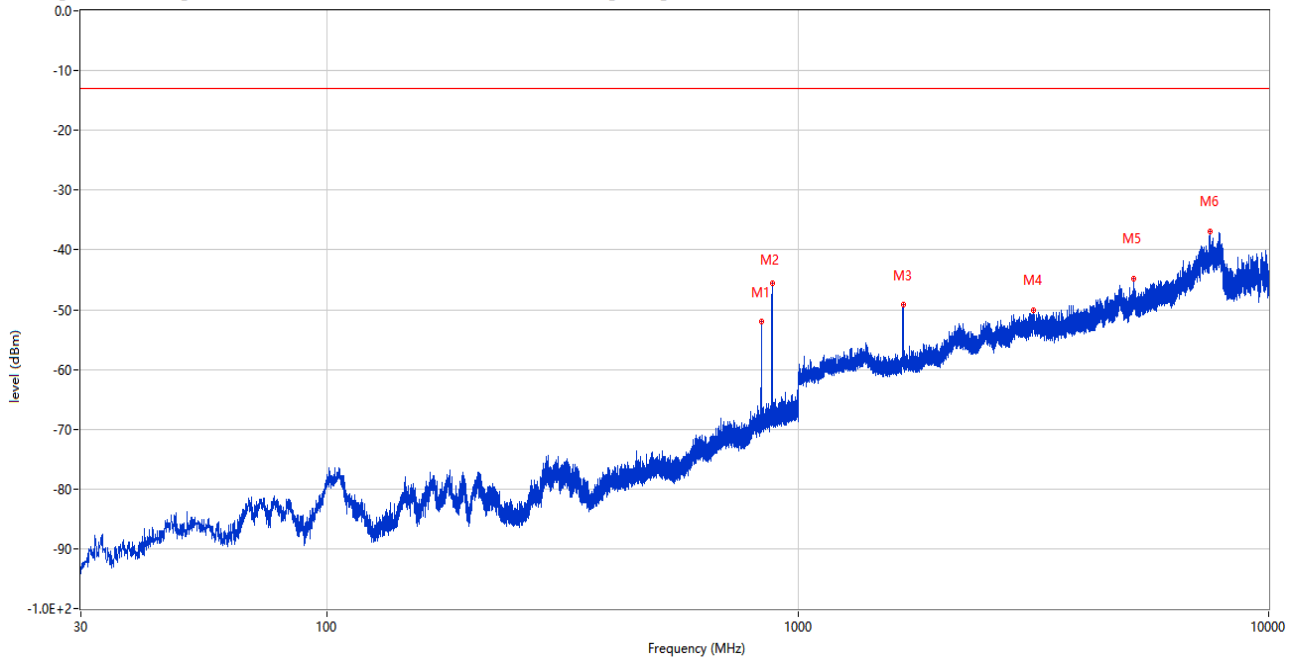
RSE (RF) \_FCC PART22&24&27\_GSM 850 & CDMA BC0 & WCDMA Band5 & LTE Band 5 & 26 & 18 & 19\_814-849\_30MHz-10GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
837.428	-55.05	2.22	-13.0	42.05	36.00	Horizontal	Horizontal	N/A
880.011	-46.22	2.45	-13.0	33.22	24.00	Horizontal	Horizontal	N/A
1675.600	-51.76	-5.14	-13.0	38.76	360.00	Horizontal	Horizontal	Pass
2506.200	-48.29	0.32	-13.0	35.29	0.00	Horizontal	Horizontal	Pass
4820.500	-45.50	7.73	-13.0	32.50	345.00	Horizontal	Horizontal	Pass
7489.250	-37.39	16.81	-13.0	24.39	214.00	Horizontal	Horizontal	Pass

Band:WCDMA B5,Channel:Mid range

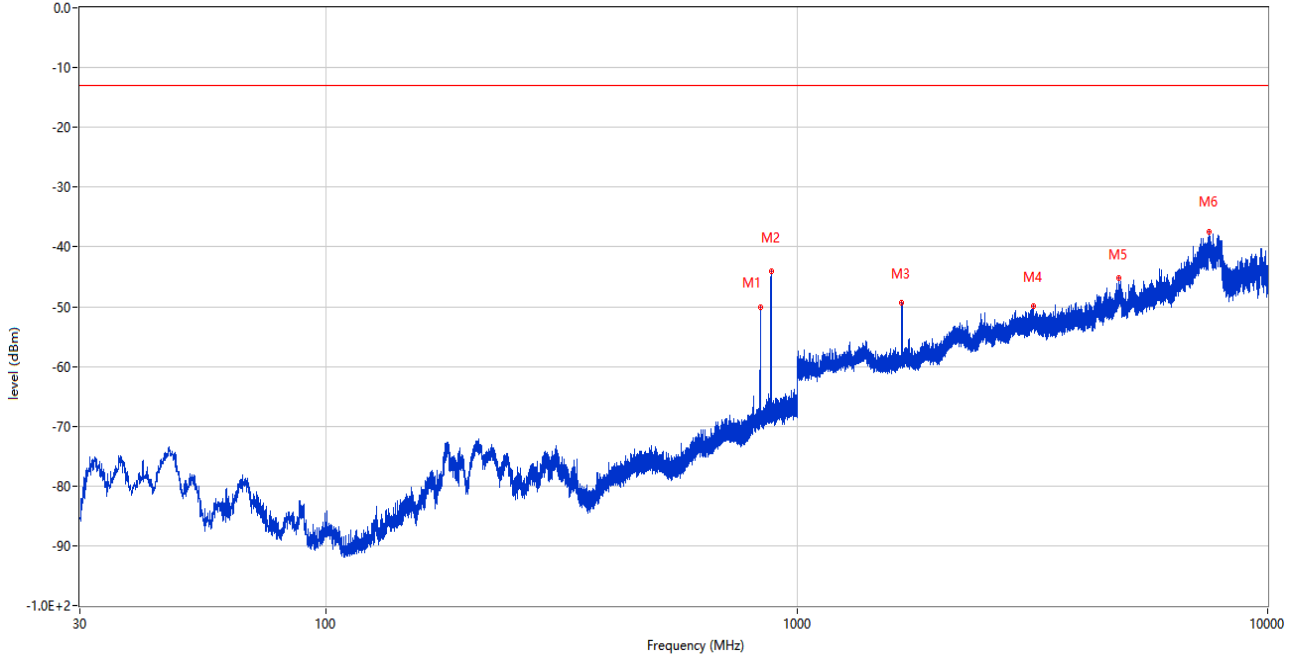
RSE (RF) \_FCC PART22&24&27\_GSM 850 & CDMA BC0 & WCDMA Band5 & LTE Band 5 & 26 & 18 & 19\_814-849\_30MHz-10GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
837.913	-52.04	2.23	-13.0	39.04	338.00	Horizontal	Vertical	N/A
882.436	-45.62	2.43	-13.0	32.62	300.00	Horizontal	Vertical	N/A
1675.500	-49.21	-5.13	-13.0	36.21	248.00	Horizontal	Vertical	Pass
3161.000	-50.01	5.18	-13.0	37.01	54.00	Horizontal	Vertical	Pass
5177.250	-44.78	8.21	-13.0	31.78	234.00	Horizontal	Vertical	Pass
7504.500	-36.83	16.17	-13.0	23.83	0.00	Horizontal	Vertical	Pass

Band:WCDMA B5,Channel:Mid range

RSE (RF) \_FCC PART22&24&27\_GSM 850 & CDMA BC0 & WCDMA Band5 & LTE Band 5 & 26 & 18 & 19\_814-849\_30MHz-10GHz

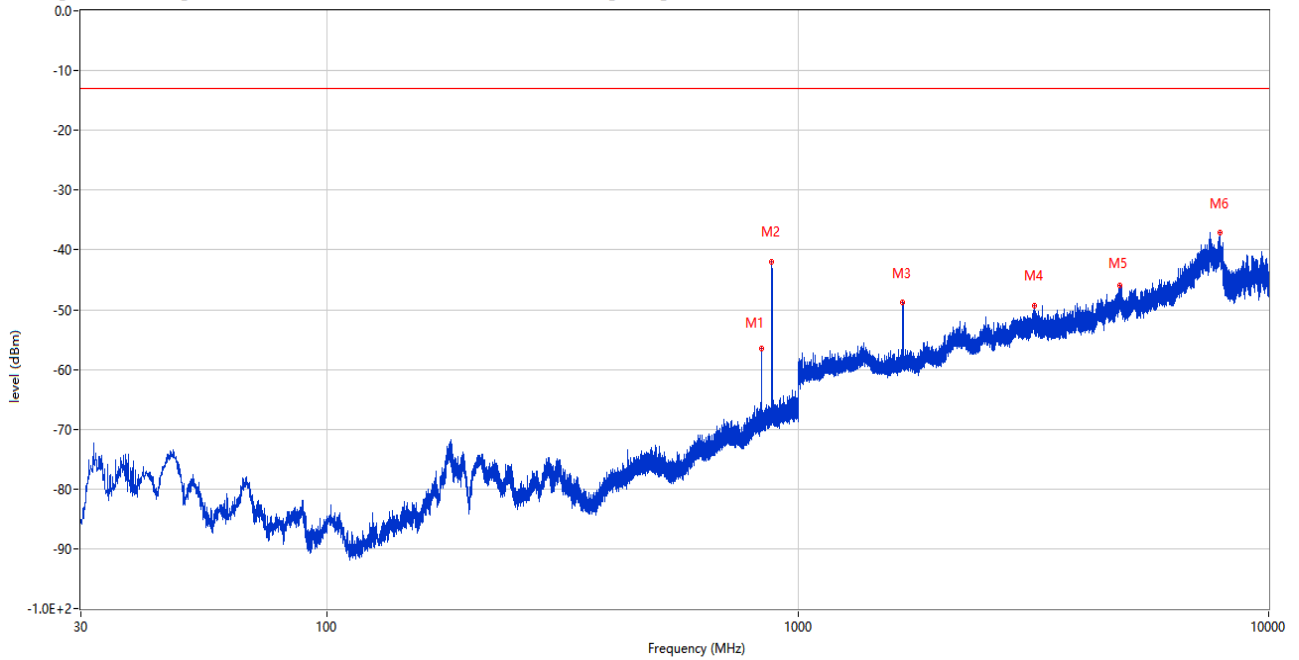


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
837.961	-50.18	2.24	-13.0	37.18	2.00	Vertical	Vertical	N/A
881.514	-44.15	2.45	-13.0	31.15	291.00	Vertical	Vertical	N/A
1670.900	-49.41	-5.01	-13.0	36.41	0.00	Vertical	Vertical	Pass
3176.750	-50.00	5.21	-13.0	37.00	279.00	Vertical	Vertical	Pass
4835.250	-45.19	7.62	-13.0	32.19	0.00	Vertical	Vertical	Pass
7497.750	-37.46	16.57	-13.0	24.46	45.00	Vertical	Vertical	Pass



Band:WCDMA B5,Channel:Mid range

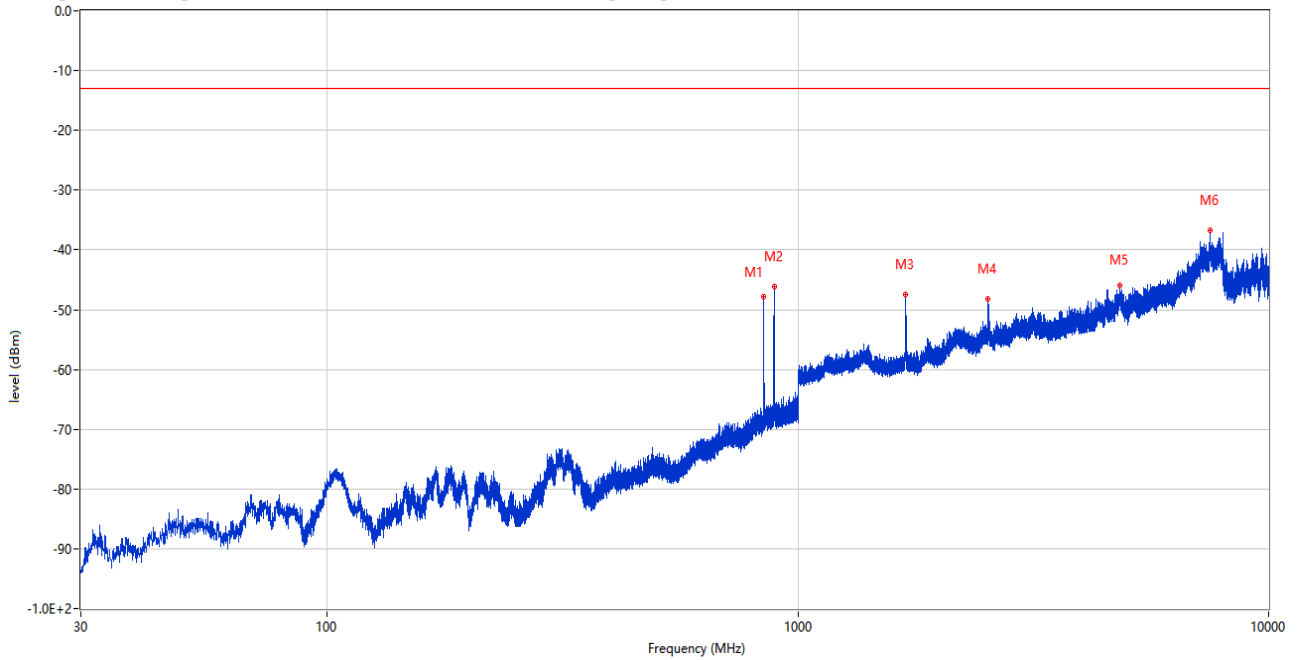
RSE (RF) \_FCC PART22&24&27\_GSM 850 & CDMA BC0 & WCDMA Band5 & LTE Band 5 & 26 & 18 & 19\_814-849\_30MHz-10GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
837.622	-56.49	2.23	-13.0	43.49	334.00	Vertical	Horizontal	N/A
880.156	-41.93	2.45	-13.0	28.93	291.00	Vertical	Horizontal	N/A
1671.000	-48.86	-5.01	-13.0	35.86	264.00	Vertical	Horizontal	Pass
3181.000	-49.43	4.78	-13.0	36.43	169.00	Vertical	Horizontal	Pass
4819.500	-45.99	7.75	-13.0	32.99	252.00	Vertical	Horizontal	Pass
7868.250	-37.11	16.99	-13.0	24.11	206.00	Vertical	Horizontal	Pass

Band:WCDMA B5,Channel:High range

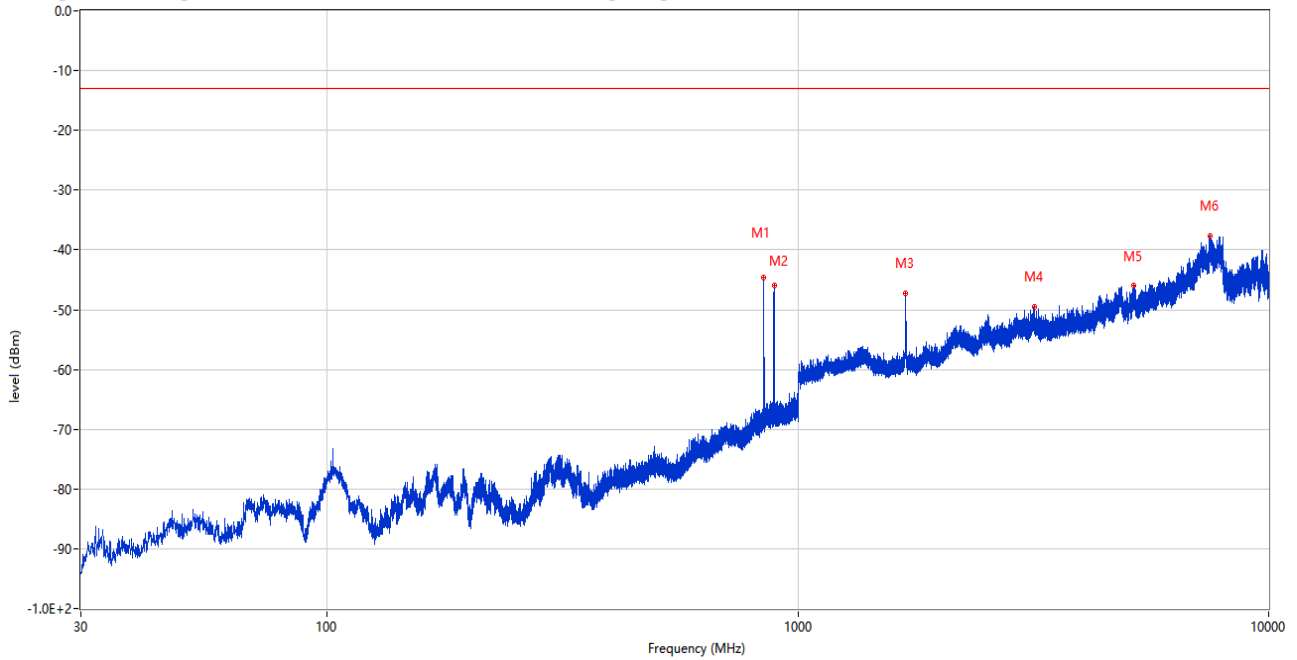
RSE (RF) \_FCC PART22&24&27\_GSM 850 & CDMA BC0 & WCDMA Band5 & LTE Band 5 & 26 & 18 & 19\_814-849\_30MHz-10GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
846.692	-47.83	2.37	-13.0	34.83	276.00	Horizontal	Horizontal	N/A
890.148	-46.12	2.34	-13.0	33.12	276.00	Horizontal	Horizontal	N/A
1694.800	-47.38	-5.37	-13.0	34.38	8.00	Horizontal	Horizontal	Pass
2537.200	-48.18	-0.00	-13.0	35.18	2.00	Horizontal	Horizontal	Pass
4833.000	-45.92	7.61	-13.0	32.92	46.00	Horizontal	Horizontal	Pass
7497.500	-36.68	16.58	-13.0	23.68	241.00	Horizontal	Horizontal	Pass

Band:WCDMA B5,Channel:High range

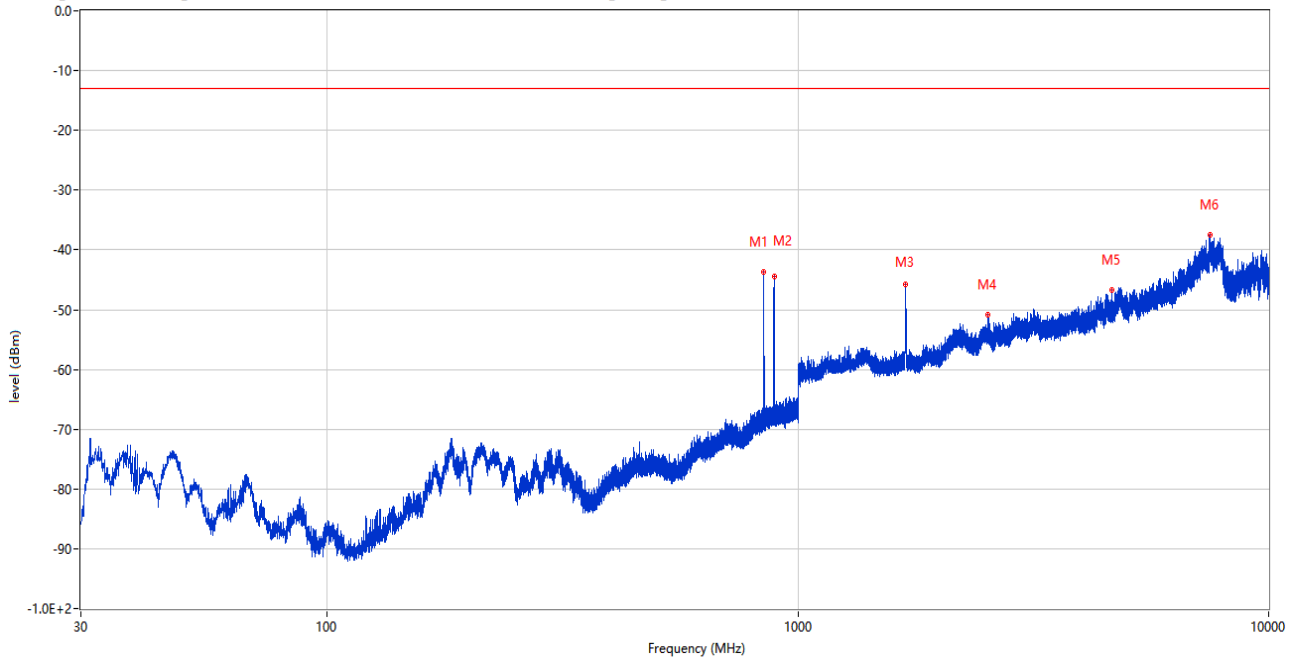
RSE (RF) \_FCC PART22&24&27\_GSM 850 & CDMA BC0 & WCDMA Band5 & LTE Band 5 & 26 & 18 & 19\_814-849\_30MHz-10GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
846.061	-44.69	2.36	-13.0	31.69	360.00	Horizontal	Vertical	N/A
890.390	-45.97	2.34	-13.0	32.97	297.00	Horizontal	Vertical	N/A
1691.000	-47.23	-5.40	-13.0	34.23	32.00	Horizontal	Vertical	Pass
3186.750	-49.62	4.01	-13.0	36.62	139.00	Horizontal	Vertical	Pass
5180.750	-45.95	8.38	-13.0	32.95	270.00	Horizontal	Vertical	Pass
7501.000	-37.61	16.40	-13.0	24.61	92.00	Horizontal	Vertical	Pass

Band:WCDMA B5,Channel:High range

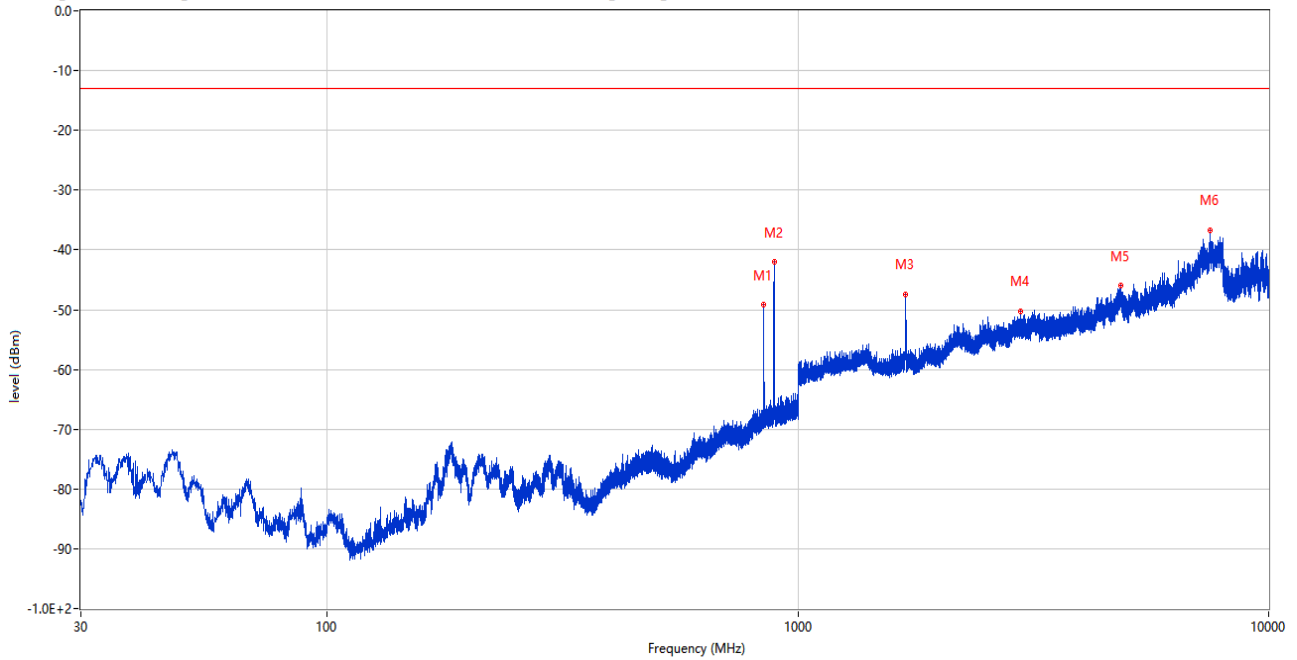
RSE (RF) \_FCC PART22&24&27\_GSM 850 & CDMA BC0 & WCDMA Band5 & LTE Band 5 & 26 & 18 & 19\_814-849\_30MHz-10GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
846.401	-43.69	2.37	-13.0	30.69	0.00	Vertical	Vertical	N/A
890.536	-44.43	2.34	-13.0	31.43	302.00	Vertical	Vertical	N/A
1691.300	-45.75	-5.41	-13.0	32.75	67.00	Vertical	Vertical	Pass
2536.300	-50.76	-0.03	-13.0	37.76	155.00	Vertical	Vertical	Pass
4654.500	-46.64	6.68	-13.0	33.64	202.00	Vertical	Vertical	Pass
7494.250	-37.40	16.76	-13.0	24.40	60.00	Vertical	Vertical	Pass

Band:WCDMA B5,Channel:High range

RSE (RF) \_FCC PART22&24&27\_GSM 850 & CDMA BC0 & WCDMA Band5 & LTE Band 5 & 26 & 18 & 19\_814-849\_30MHz-10GHz



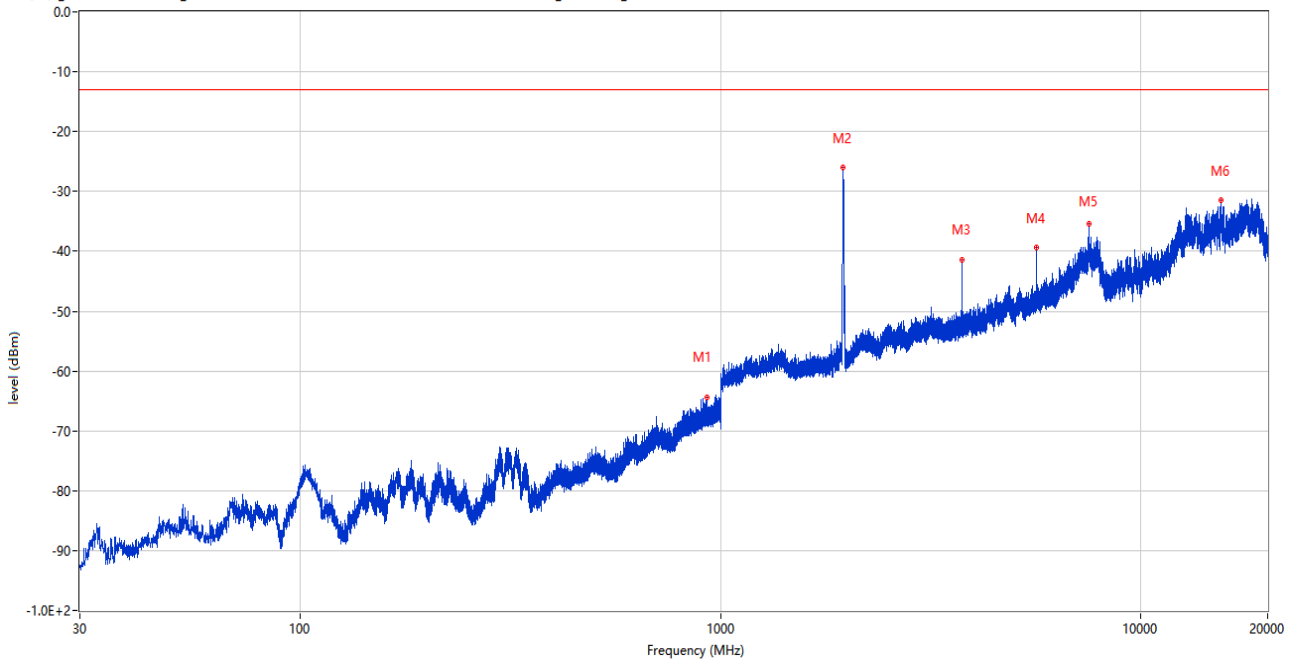
Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
846.546	-49.17	2.37	-13.0	36.17	323.00	Vertical	Horizontal	N/A
891.748	-42.08	2.28	-13.0	29.08	299.00	Vertical	Horizontal	N/A
1691.400	-47.40	-5.42	-13.0	34.40	265.00	Vertical	Horizontal	Pass
2969.700	-50.23	2.25	-13.0	37.23	72.00	Vertical	Horizontal	Pass
4855.250	-45.99	7.79	-13.0	32.99	50.00	Vertical	Horizontal	Pass
7493.500	-36.69	16.75	-13.0	23.69	292.00	Vertical	Horizontal	Pass

## 4. LTE

### 4.1 LTE Band 2

Band:LTE B2,Channel:Mid range,BW:20M

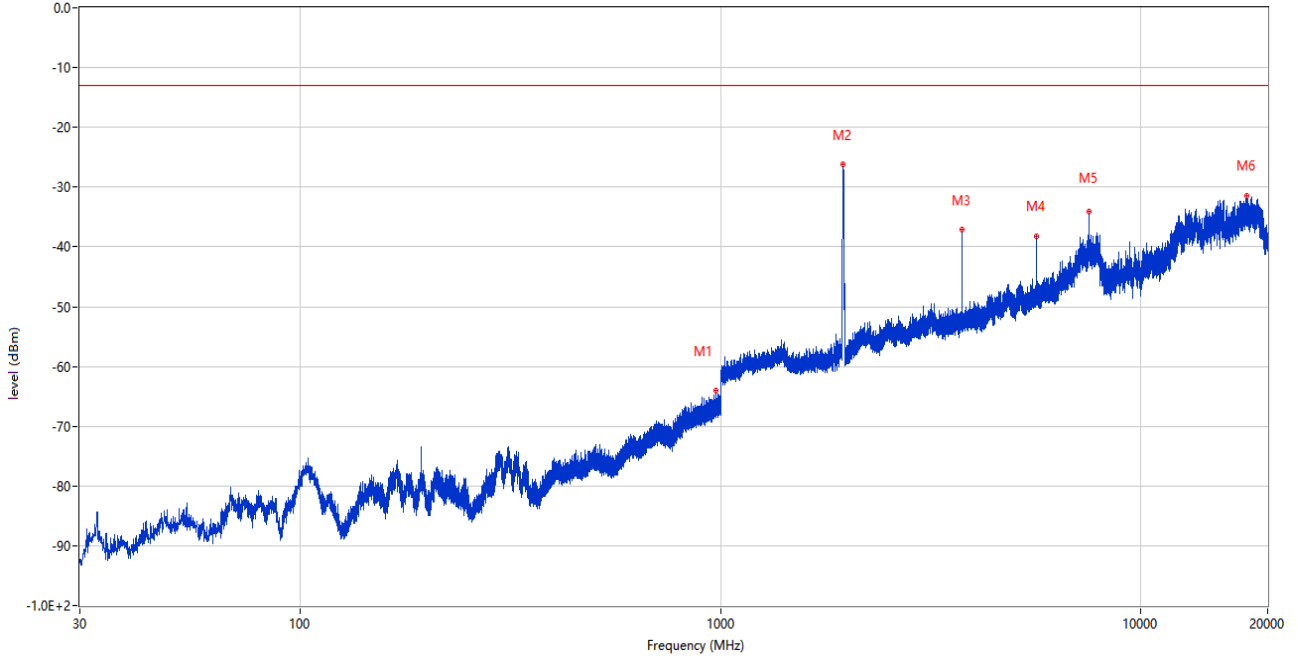
RSE (RF) \_FCC PART22&24&27\_GSM 1900 & CDMA BC1 & WCDMA Band 2 & LTE Band 2 & 25\_1830-1920\_30MHz-20GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
928.850	-64.35	2.63	-13.0	51.35	350.00	Horizontal	Horizontal	Pass
1959.100	-26.02	-4.49	-13.0	13.02	261.00	Horizontal	Horizontal	N/A
3760.500	-41.42	4.48	-13.0	28.42	168.00	Horizontal	Horizontal	Pass
5640.250	-39.43	8.17	-13.0	26.43	149.00	Horizontal	Horizontal	Pass
7520.500	-35.31	15.99	-13.0	22.31	360.00	Horizontal	Horizontal	Pass
15476.000	-31.54	24.68	-13.0	18.54	55.00	Horizontal	Horizontal	Pass

Band:LTE B2,Channel:Mid range,BW:20M

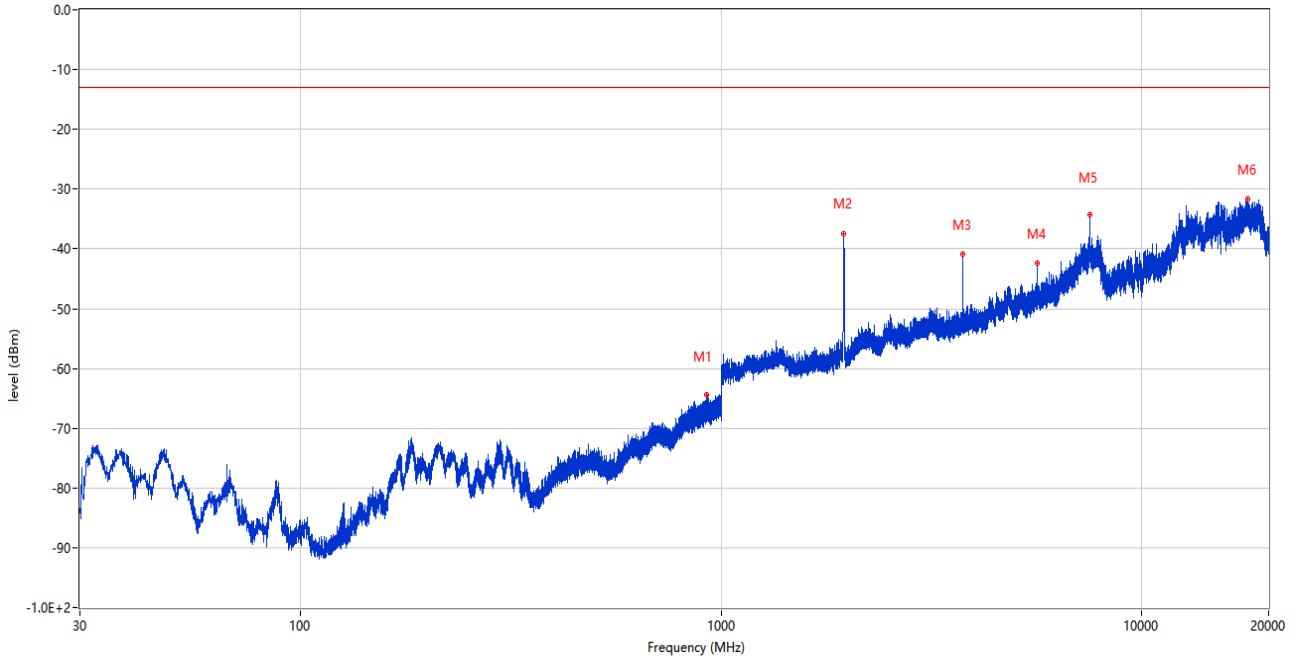
RSE (RF) \_FCC PART22&24&27\_GSM 1900 & CDMA BC1 & WCDMA Band 2 & LTE Band 2 & 25 \_1830-1920\_30MHz-20GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
977.447	-63.98	3.59	-13.0	50.98	274.00	Horizontal	Vertical	Pass
1952.400	-26.19	-4.34	-13.0	13.19	270.00	Horizontal	Vertical	N/A
3760.500	-37.15	4.48	-13.0	24.15	155.00	Horizontal	Vertical	Pass
5640.500	-38.20	8.17	-13.0	25.20	192.00	Horizontal	Vertical	Pass
7520.250	-34.14	15.97	-13.0	21.14	220.00	Horizontal	Vertical	Pass
17801.075	-31.43	26.46	-13.0	18.43	217.00	Horizontal	Vertical	Pass

Band:LTE B2,Channel:Mid range,BW:20M

RSE (RF) \_FCC PART22&24&27\_GSM 1900 & CDMA BC1 & WCDMA Band 2 & LTE Band 2 & 25\_1830-1920\_30MHz-20GHz

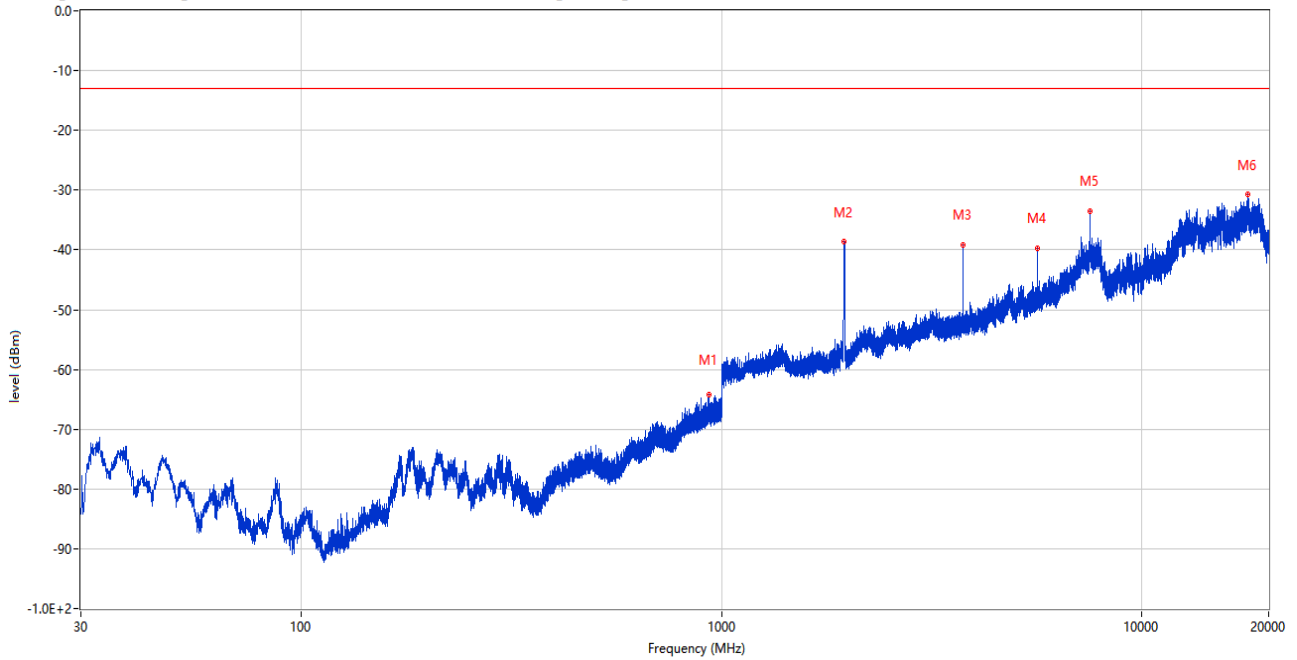


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
926.086	-64.36	2.61	-13.0	51.36	236.00	Vertical	Vertical	Pass
1954.500	-37.40	-4.36	-13.0	24.40	234.00	Vertical	Vertical	N/A
3760.250	-40.90	4.47	-13.0	27.90	47.00	Vertical	Vertical	Pass
5640.250	-42.43	8.17	-13.0	29.43	113.00	Vertical	Vertical	Pass
7520.250	-34.31	15.97	-13.0	21.31	187.00	Vertical	Vertical	Pass
17832.974	-31.70	26.07	-13.0	18.70	88.00	Vertical	Vertical	Pass



Band:LTE B2,Channel:Mid range,BW:20M

RSE (RF) \_FCC PART22&24&27\_GSM 1900 & CDMA BC1 & WCDMA Band 2 & LTE Band 2 & 25 \_1830-1920\_30MHz-20GHz

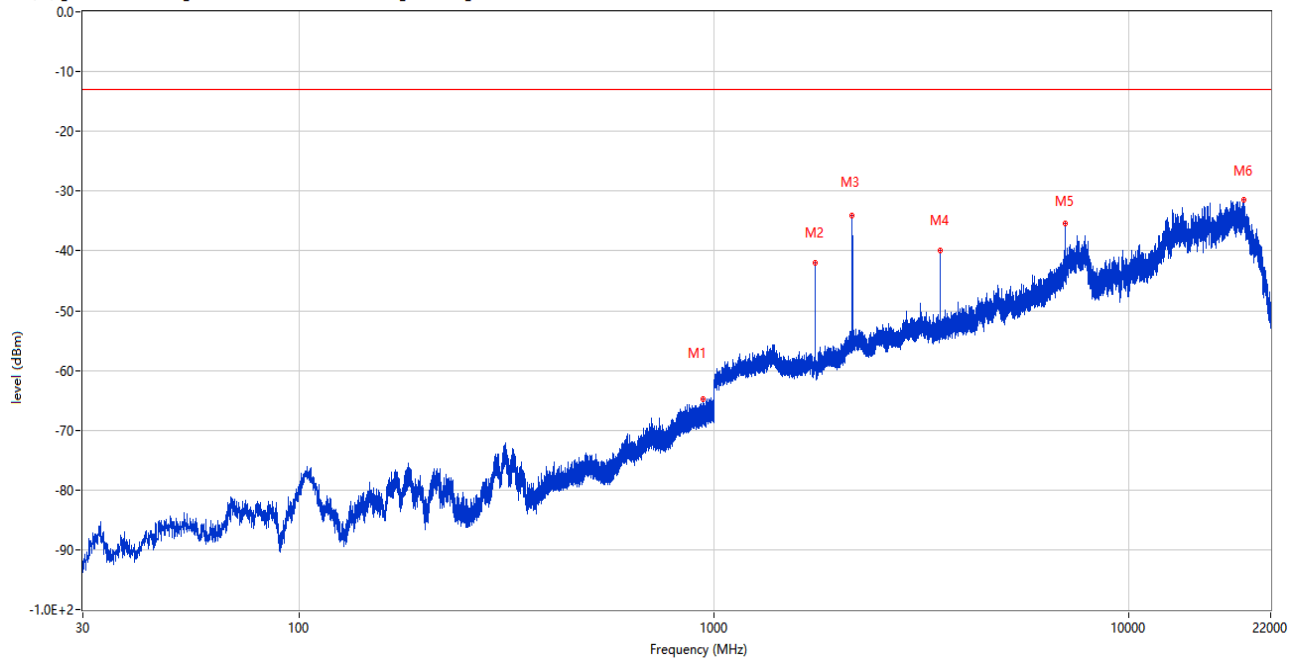


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
934.476	-64.25	2.61	-13.0	51.25	82.00	Vertical	Horizontal	Pass
1957.400	-38.65	-4.29	-13.0	25.65	230.00	Vertical	Horizontal	N/A
3760.250	-39.11	4.47	-13.0	26.11	191.00	Vertical	Horizontal	Pass
5640.500	-39.74	8.17	-13.0	26.74	295.00	Vertical	Horizontal	Pass
7520.500	-33.52	15.99	-13.0	20.52	257.00	Vertical	Horizontal	Pass
17801.802	-30.77	26.45	-13.0	17.77	72.00	Vertical	Horizontal	Pass

## 4.2 LTE Band 4

Band:LTE B4,Channel:High range,BW:5M

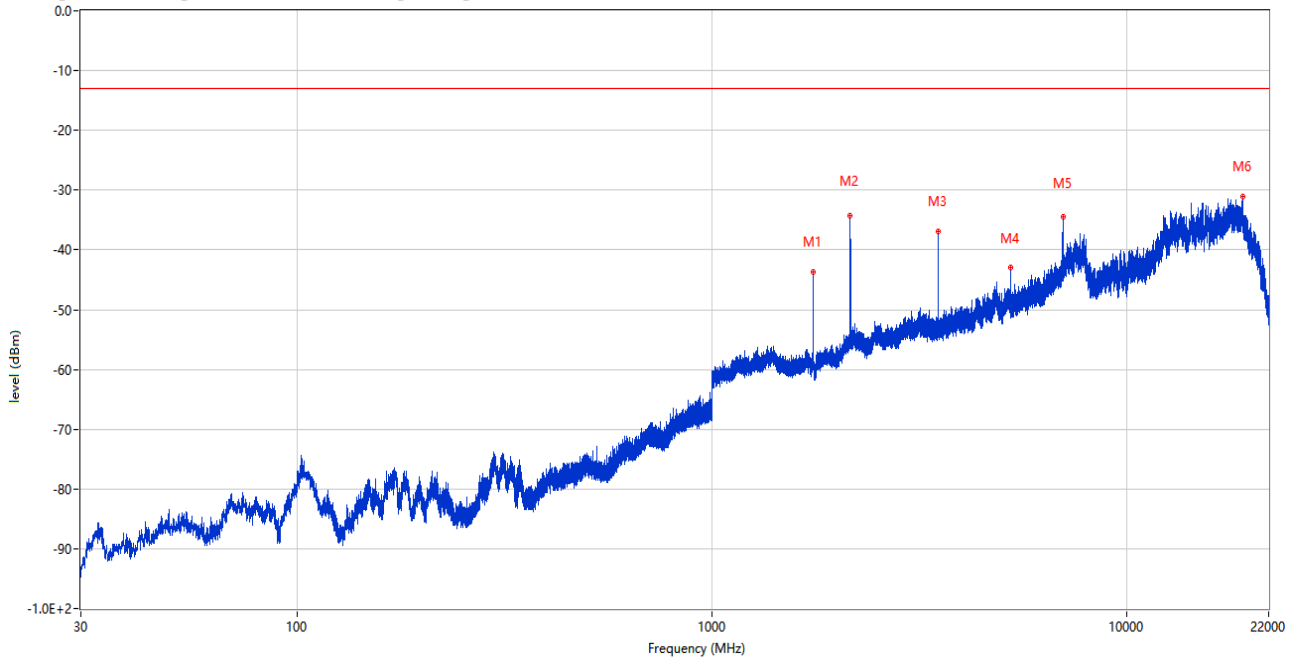
RSE (RF) \_FCC PART22&24&27\_WCDMA Band 4 & LTE Band 4 & 66\_1710-1785\_30MHz-20GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
942.625	-64.84	2.74	-13.0	51.84	97.00	Horizontal	Horizontal	Pass
1752.900	-41.99	-4.17	-13.0	28.99	2.00	Horizontal	Horizontal	N/A
2152.900	-34.07	-1.20	-13.0	21.07	277.00	Horizontal	Horizontal	N/A
3505.500	-39.88	3.49	-13.0	26.88	23.00	Horizontal	Horizontal	Pass
7011.250	-35.41	12.67	-13.0	22.41	149.00	Horizontal	Horizontal	Pass
18976.176	-31.53	23.98	-13.0	18.53	330.00	Horizontal	Horizontal	Pass

Band:LTE B4,Channel:High range,BW:5M

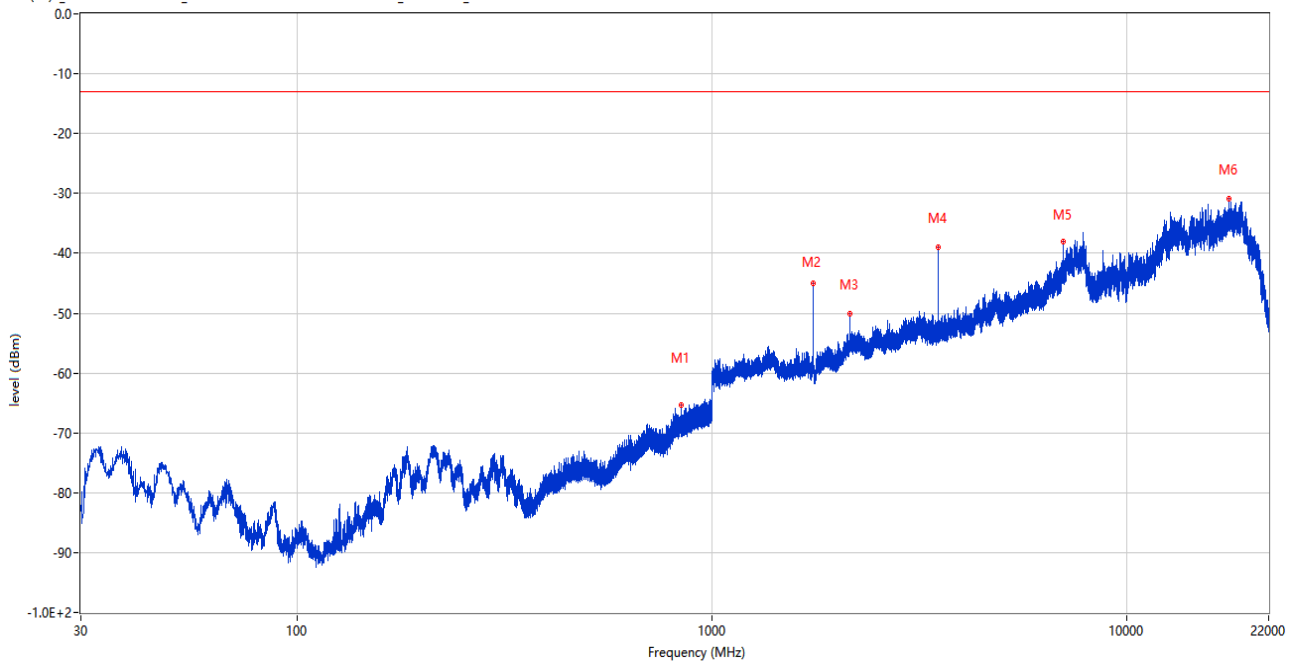
RSE (RF) \_FCC PART22&24&27\_WCDMA Band 4 & LTE Band 4 & 66\_1710-1785\_30MHz-20GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
1752.900	-43.68	-4.17	-13.0	30.68	169.00	Horizontal	Vertical	N/A
2153.100	-34.24	-1.20	-13.0	21.24	270.00	Horizontal	Vertical	N/A
3505.250	-36.91	3.49	-13.0	23.91	159.00	Horizontal	Vertical	Pass
5258.250	-42.98	6.71	-13.0	29.98	150.00	Horizontal	Vertical	Pass
7010.750	-34.37	12.64	-13.0	21.37	0.00	Horizontal	Vertical	Pass
19010.400	-31.03	23.95	-13.0	18.03	261.00	Horizontal	Vertical	Pass

Band:LTE B4,Channel:High range,BW:5M

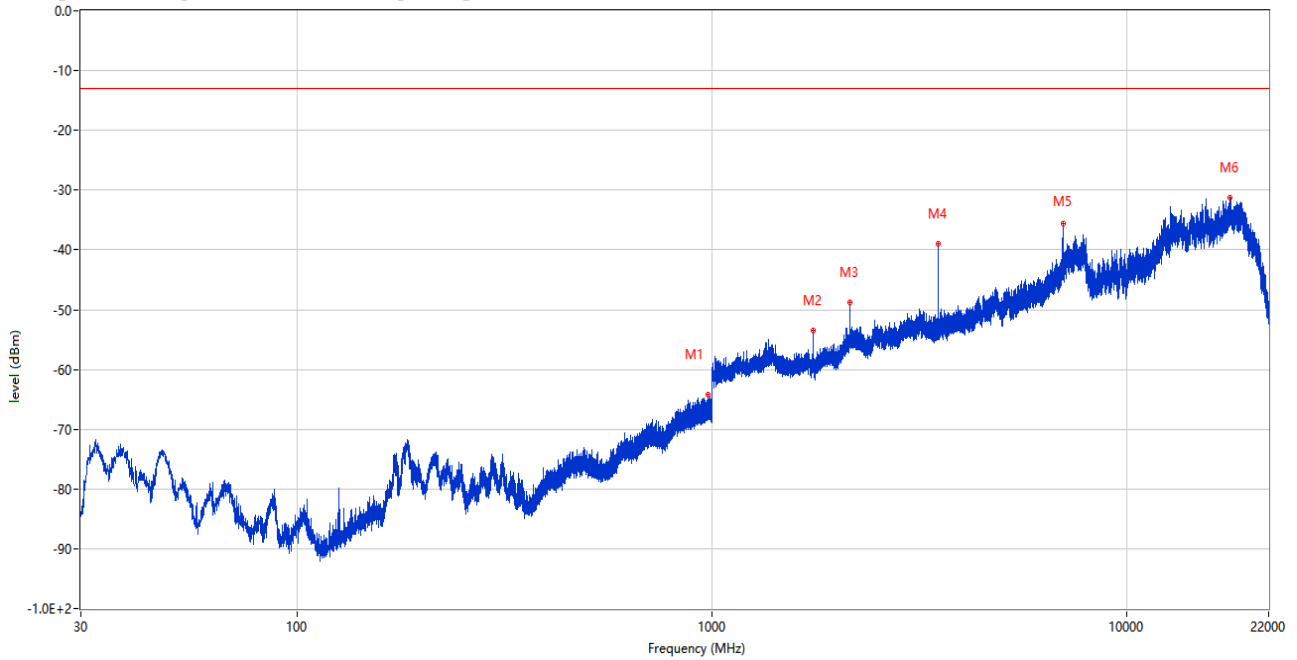
RSE (RF) \_FCC PART22&24&27\_WCDMA Band 4 & LTE Band 4 & 66 \_1710-1785\_30MHz-20GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
843.442	-65.28	1.46	-13.0	52.28	136.00	Vertical	Vertical	Pass
1752.900	-45.08	-4.17	-13.0	32.08	68.00	Vertical	Vertical	N/A
2152.300	-50.12	-1.21	-13.0	37.12	282.00	Vertical	Vertical	N/A
3505.250	-39.02	3.49	-13.0	26.02	195.00	Vertical	Vertical	Pass
7011.000	-38.04	12.65	-13.0	25.04	78.00	Vertical	Vertical	Pass
17630.300	-30.91	25.63	-13.0	17.91	120.00	Vertical	Vertical	Pass

Band:LTE B4,Channel:High range,BW:5M

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

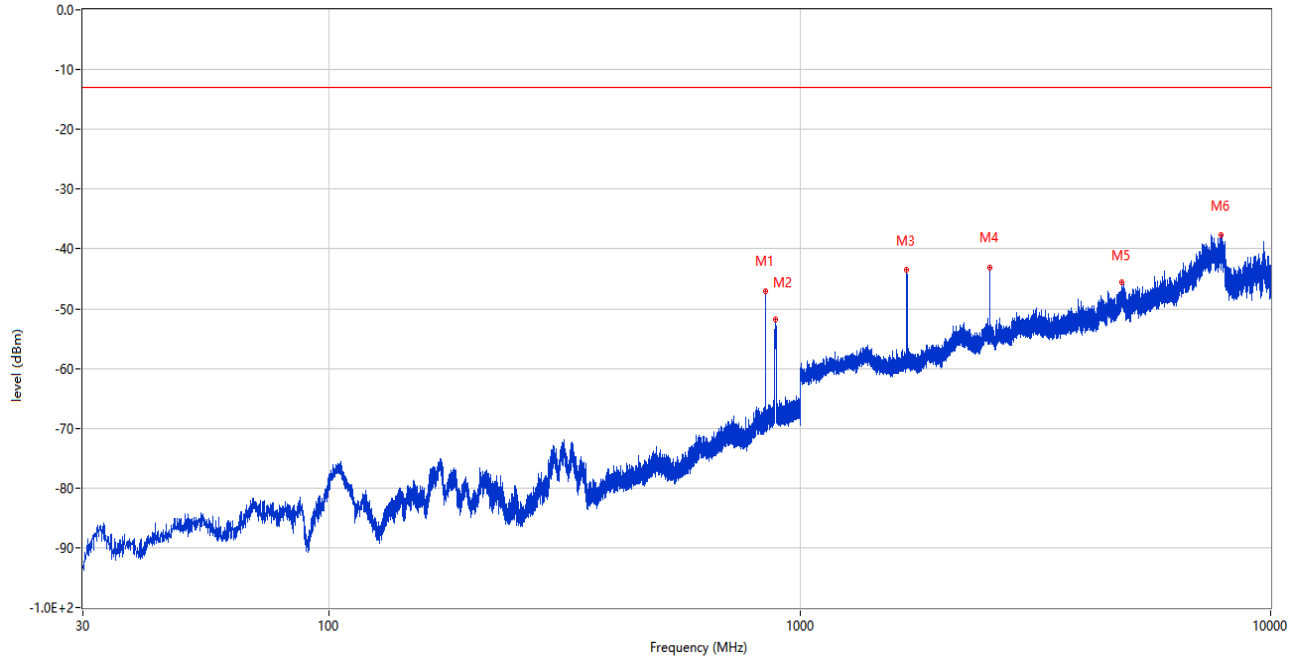


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
978.806	-64.22	3.64	-13.0	51.22	260.00	Vertical	Horizontal	Pass
1752.900	-53.55	-4.17	-13.0	40.55	291.00	Vertical	Horizontal	N/A
2152.700	-48.74	-1.20	-13.0	35.74	279.00	Vertical	Horizontal	N/A
3505.250	-38.89	3.49	-13.0	25.89	11.00	Vertical	Horizontal	Pass
7011.000	-35.66	12.65	-13.0	22.66	259.00	Vertical	Horizontal	Pass
17755.175	-31.20	25.88	-13.0	18.20	119.00	Vertical	Horizontal	Pass

### 4.3 LTE Band 5

Band:LTE B5,Channel:High range,BW:10M

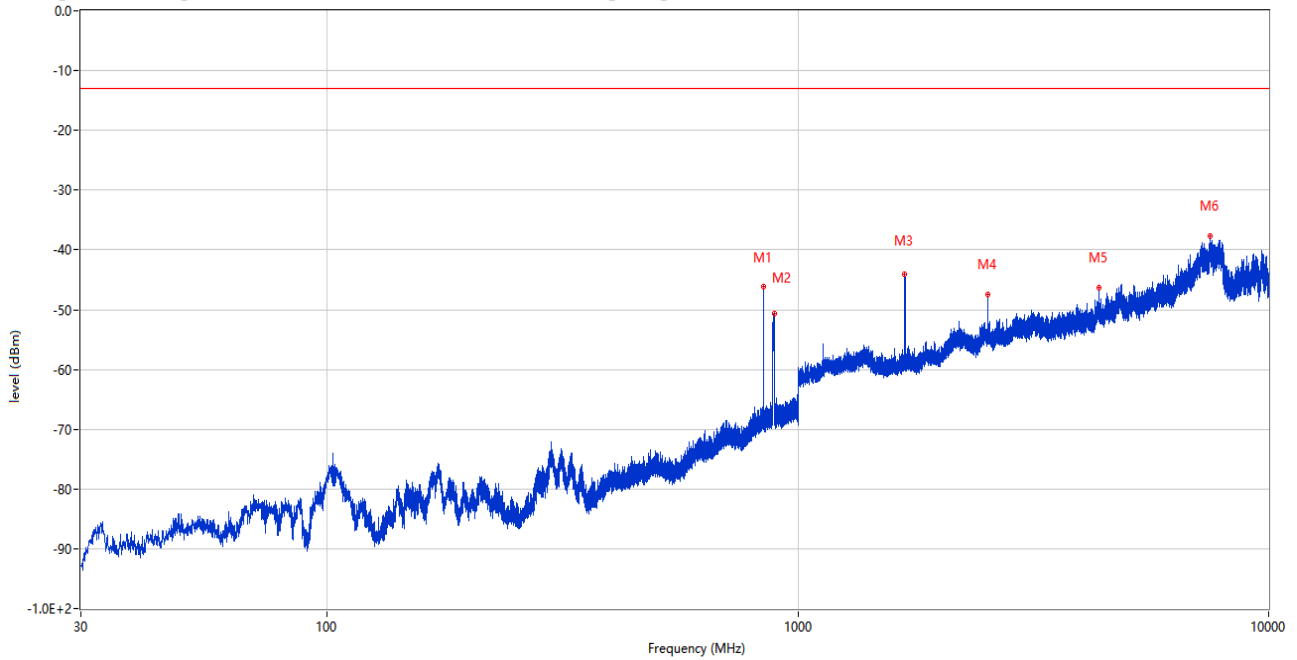
RSE (RF) \_FCC PART22&24&27\_GSM 850 & CDMA BC0 & WCDMA Band5 & LTE Band 5 & 26 & 18 & 19 \_814-849\_30MHz-10GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
844.121	-47.05	2.34	-13.0	34.05	279.00	Horizontal	Horizontal	N/A
889.614	-51.70	2.34	-13.0	38.70	298.00	Horizontal	Horizontal	N/A
1688.400	-43.52	-5.37	-13.0	30.52	360.00	Horizontal	Horizontal	Pass
2532.500	-43.08	-0.09	-13.0	30.08	0.00	Horizontal	Horizontal	Pass
4833.250	-45.60	7.61	-13.0	32.60	204.00	Horizontal	Horizontal	Pass
7851.750	-37.72	16.08	-13.0	24.72	34.00	Horizontal	Horizontal	Pass

Band:LTE B5,Channel:High range,BW:10M

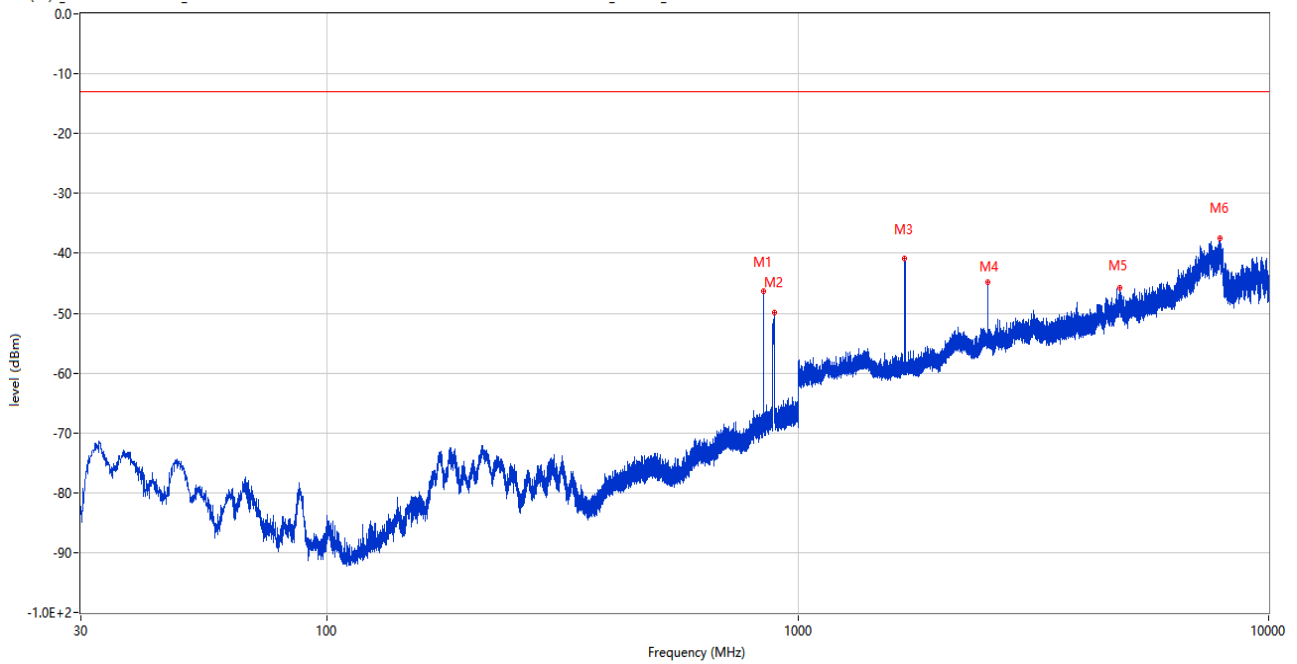
RSE (RF) \_FCC PART22&24&27\_GSM 850 & CDMA BC0 & WCDMA Band5 & LTE Band 5 & 26 & 18 & 19\_814-849\_30MHz-10GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
844.121	-46.16	2.34	-13.0	33.16	344.00	Horizontal	Vertical	N/A
891.748	-50.57	2.28	-13.0	37.57	301.00	Horizontal	Vertical	N/A
1688.400	-44.01	-5.37	-13.0	31.01	31.00	Horizontal	Vertical	Pass
2532.200	-47.42	-0.09	-13.0	34.42	171.00	Horizontal	Vertical	Pass
4360.750	-46.31	6.55	-13.0	33.31	160.00	Horizontal	Vertical	Pass
7493.250	-37.65	16.74	-13.0	24.65	298.00	Horizontal	Vertical	Pass

Band:LTE B5,Channel:High range,BW:10M

RSE (RF) \_FCC PART22&24&27\_GSM 850 & CDMA BC0 & WCDMA Band5 & LTE Band 5 & 26 & 18 & 19\_814-849\_30MHz-10GHz

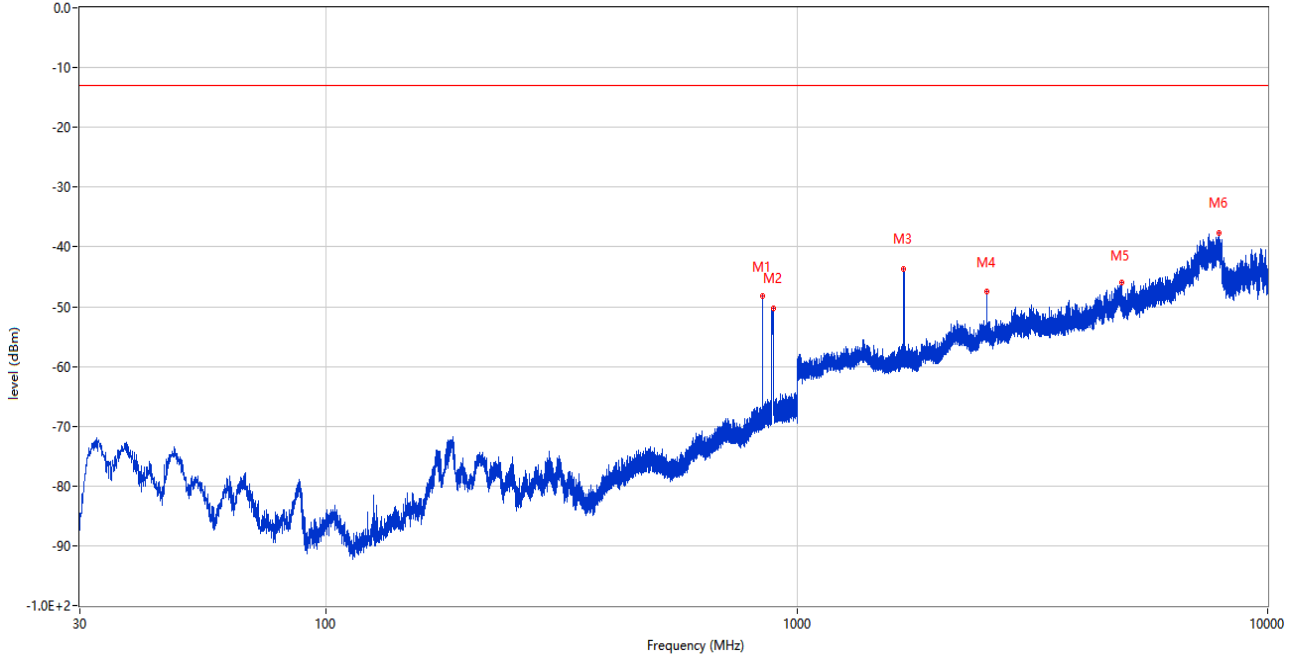


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
844.121	-46.40	2.34	-13.0	33.40	8.00	Vertical	Vertical	N/A
893.397	-49.93	2.29	-13.0	36.93	146.00	Vertical	Vertical	N/A
1688.500	-40.95	-5.37	-13.0	27.95	71.00	Vertical	Vertical	Pass
2532.400	-44.90	-0.09	-13.0	31.90	183.00	Vertical	Vertical	Pass
4836.750	-45.83	7.60	-13.0	32.83	2.00	Vertical	Vertical	Pass
7864.750	-37.42	16.83	-13.0	24.42	0.00	Vertical	Vertical	Pass



Band:LTE B5,Channel:High range,BW:10M

RSE (RF) \_FCC PART22&24&27\_GSM 850 & CDMA BC0 & WCDMA Band5 & LTE Band 5 & 26 & 18 & 19\_814-849\_30MHz-10GHz

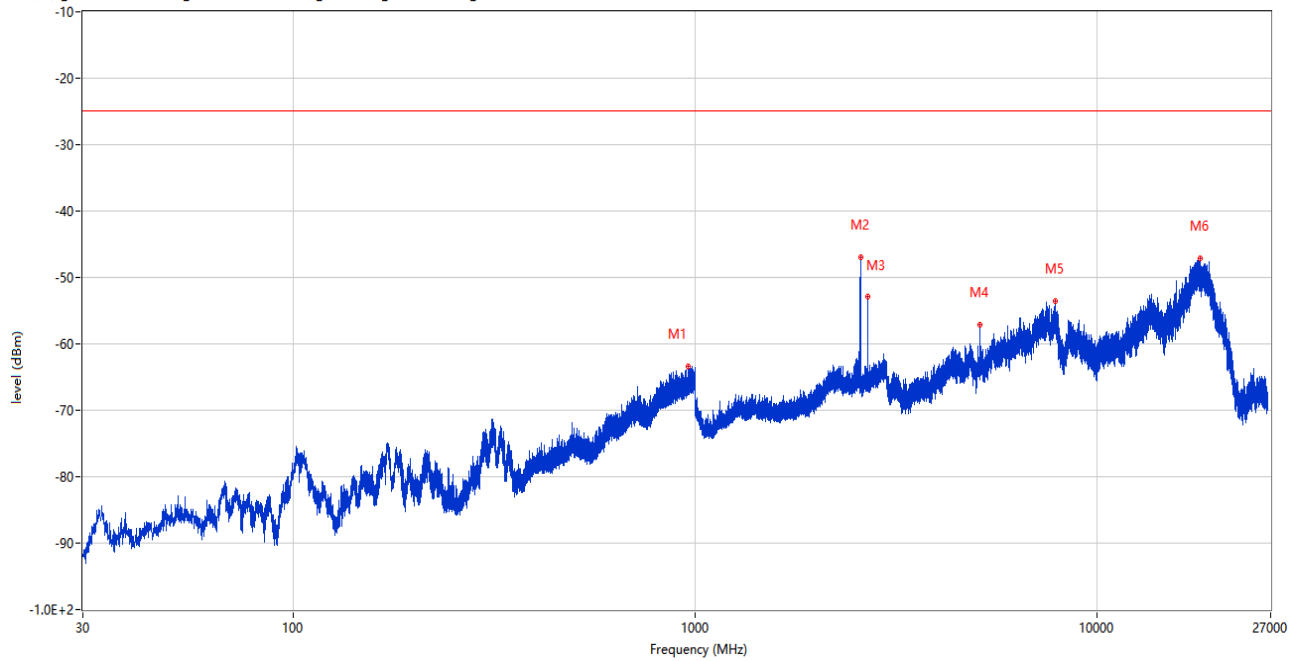


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
844.121	-48.23	2.34	-13.0	35.23	341.00	Vertical	Horizontal	N/A
891.748	-50.20	2.28	-13.0	37.20	298.00	Vertical	Horizontal	N/A
1688.500	-43.67	-5.37	-13.0	30.67	256.00	Vertical	Horizontal	Pass
2532.800	-47.48	-0.09	-13.0	34.48	184.00	Vertical	Horizontal	Pass
4891.750	-46.04	7.24	-13.0	33.04	263.00	Vertical	Horizontal	Pass
7867.750	-37.61	16.98	-13.0	24.61	50.00	Vertical	Horizontal	Pass

#### 4.4 LTE Band 7

Band:LTE B7,Channel:High range,BW:10M

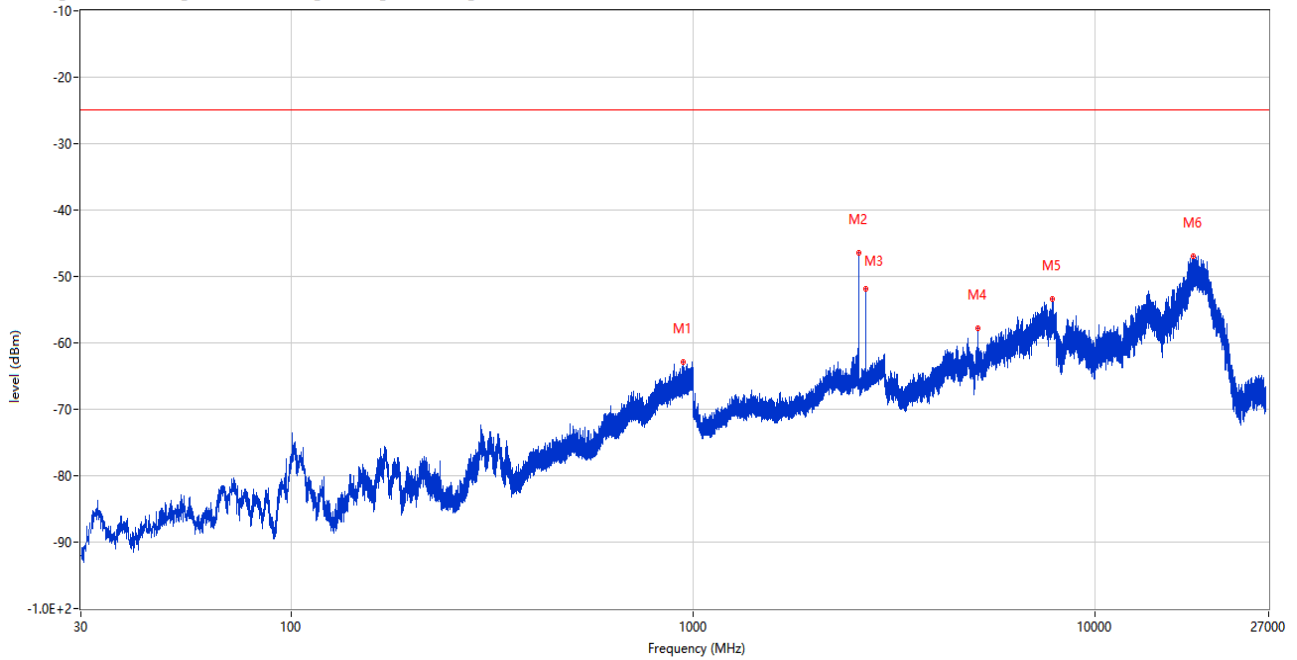
RSE (RF) \_FCC PART22&24&27\_LTE Band 7 & 41(low)\_2496-2570\_30MHz-27GHz\_



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
959.794	-63.34	4.47	-25.0	38.34	32.00	Horizontal	Horizontal	Pass
2578.300	-46.99	-9.66	-25.0	21.99	354.00	Horizontal	Horizontal	N/A
2683.700	-52.95	-10.72	-25.0	27.95	243.00	Horizontal	Horizontal	N/A
5121.250	-57.16	-6.72	-25.0	32.16	0.00	Horizontal	Horizontal	Pass
7854.250	-53.58	0.82	-25.0	28.58	317.00	Horizontal	Horizontal	Pass
18021.249	-47.15	10.30	-25.0	22.15	73.00	Horizontal	Horizontal	Pass

Band:LTE B7,Channel:High range,BW:10M

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
946.893	-62.90	4.14	-25.0	37.90	88.00	Horizontal	Vertical	Pass
2580.200	-46.49	-10.02	-25.0	21.49	311.00	Horizontal	Vertical	N/A
2685.700	-51.91	-10.63	-25.0	26.91	240.00	Horizontal	Vertical	N/A
5121.500	-57.80	-6.71	-25.0	32.80	142.00	Horizontal	Vertical	Pass
7842.750	-53.32	0.34	-25.0	28.32	17.00	Horizontal	Vertical	Pass
17532.488	-46.97	10.89	-25.0	21.97	60.00	Horizontal	Vertical	Pass

Band:LTE B7,Channel:High range,BW:10M

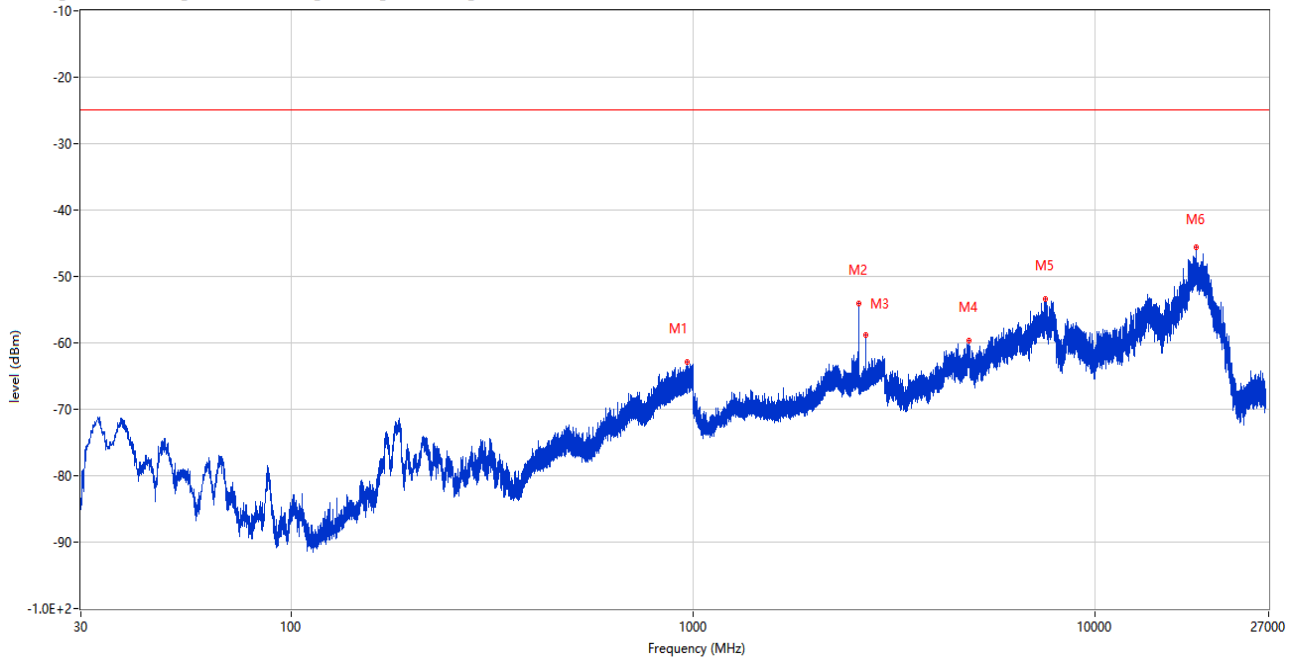
RSE (RF) \_FCC PART22&24&27\_LTE Band 7 & 41(low) \_2496-2570\_30MHz-27GHz\_



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
933.749	-62.87	3.88	-25.0	37.87	257.00	Vertical	Vertical	Pass
2577.600	-53.61	-9.56	-25.0	28.61	223.00	Vertical	Vertical	N/A
2685.900	-57.95	-10.62	-25.0	32.95	258.00	Vertical	Vertical	N/A
5121.000	-59.17	-6.73	-25.0	34.17	104.00	Vertical	Vertical	Pass
7682.000	-52.02	-1.03	-25.0	27.02	169.00	Vertical	Vertical	Pass
17909.963	-47.11	10.30	-25.0	22.11	61.00	Vertical	Vertical	Pass

Band:LTE B7,Channel:High range,BW:10M

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

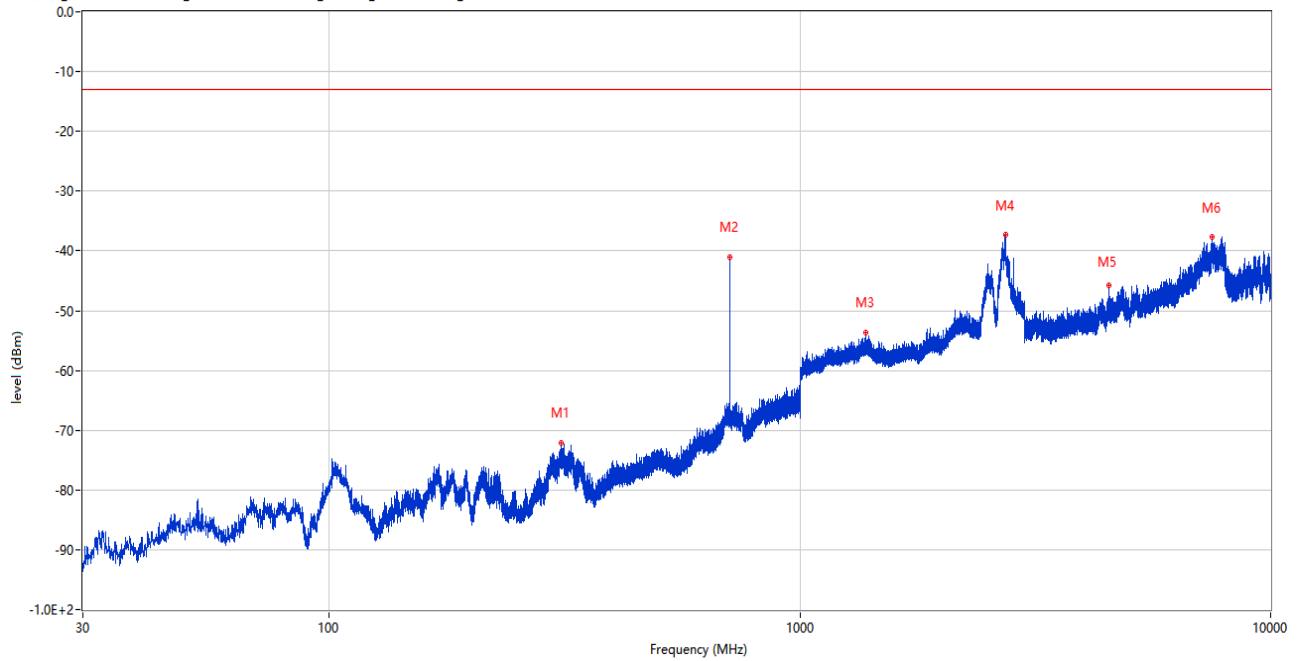


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
966.002	-62.85	4.68	-25.0	37.85	103.00	Vertical	Horizontal	Pass
2578.000	-54.02	-9.62	-25.0	29.02	358.00	Vertical	Horizontal	N/A
2686.600	-58.89	-10.58	-25.0	33.89	253.00	Vertical	Horizontal	N/A
4852.000	-59.66	-6.09	-25.0	34.66	257.00	Vertical	Horizontal	Pass
7497.000	-53.37	0.52	-25.0	28.37	292.00	Vertical	Horizontal	Pass
17872.687	-45.61	10.70	-25.0	20.61	276.00	Vertical	Horizontal	Pass

## 4.5 LTE Band 12

Band:LTE B12,Channel:High range,BW:10M

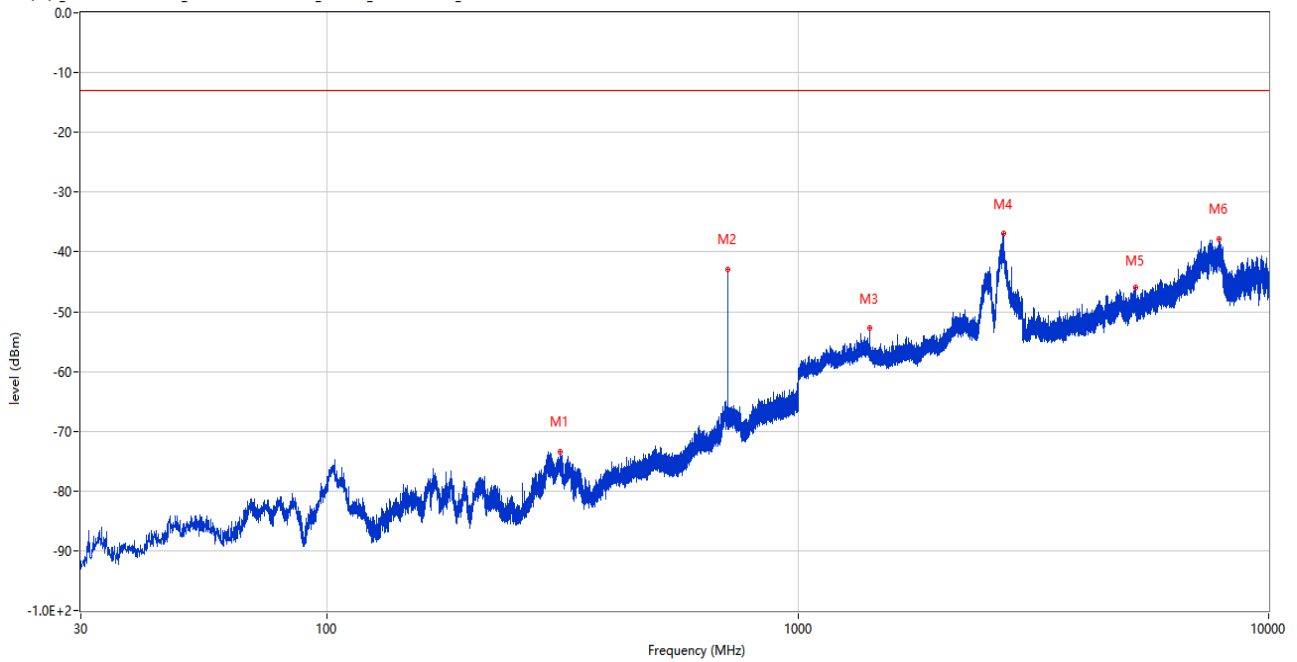
RSE (RF) \_FCC PART22&24&27\_LTE B12 & B17 & B28\_699-747\_30MHz-10GHz\_



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
311.882	-72.11	-11.97	-13.0	59.11	31.00	Horizontal	Horizontal	Pass
711.037	-41.05	3.20	-13.0	28.05	288.00	Horizontal	Horizontal	N/A
1379.700	-53.63	-2.52	-13.0	40.63	55.00	Horizontal	Horizontal	Pass
2730.800	-37.31	19.47	-13.0	24.31	352.00	Horizontal	Horizontal	Pass
4529.500	-45.70	7.49	-13.0	32.70	150.00	Horizontal	Horizontal	Pass
7495.000	-37.69	16.76	-13.0	24.69	10.00	Horizontal	Horizontal	Pass

Band:LTE B12,Channel:High range,BW:10M

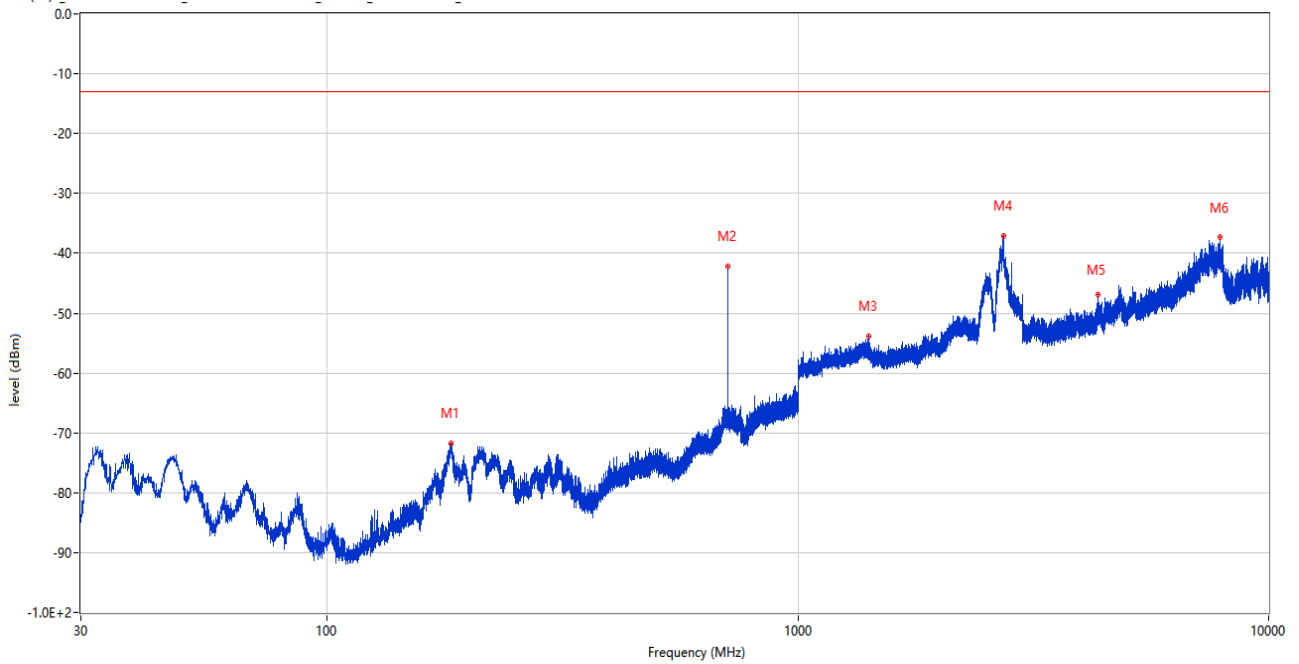
RSE (RF) \_FCC PART22&24&27\_LTE B12 & B17 & B28\_699-747\_30MHz-10GHz\_



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
312.852	-73.40	-11.95	-13.0	60.40	16.00	Horizontal	Vertical	Pass
711.037	-42.86	3.20	-13.0	29.86	339.00	Horizontal	Vertical	N/A
1422.300	-52.76	-2.93	-13.0	39.76	277.00	Horizontal	Vertical	Pass
2732.300	-36.97	19.36	-13.0	23.97	31.00	Horizontal	Vertical	Pass
5218.000	-45.92	7.83	-13.0	32.92	76.00	Horizontal	Vertical	Pass
7860.250	-37.77	16.65	-13.0	24.77	290.00	Horizontal	Vertical	Pass

Band:LTE B12,Channel:High range,BW:10M

RSE (RF) \_FCC PART22&24&27\_LTE B12 & B17 & B28 \_699-747\_30MHz-10GHz\_

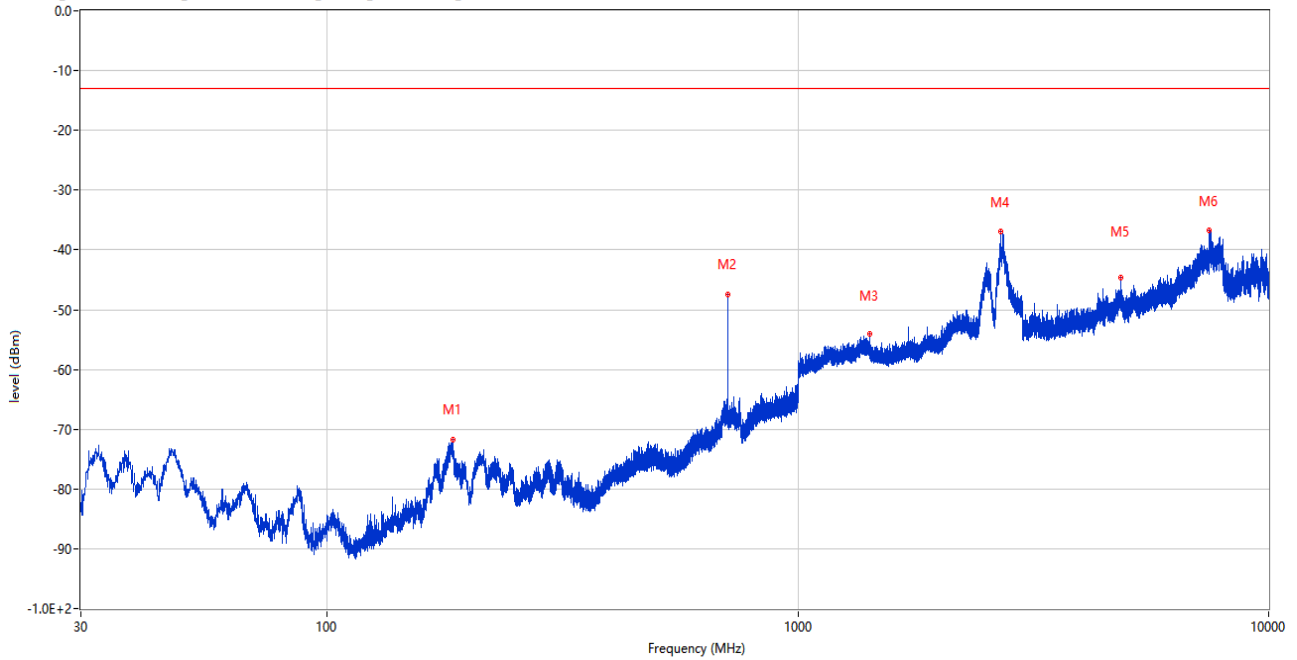


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
183.308	-71.83	-14.90	-13.0	58.83	241.00	Vertical	Vertical	Pass
711.037	-42.17	3.20	-13.0	29.17	95.00	Vertical	Vertical	N/A
1416.500	-53.84	-2.87	-13.0	40.84	241.00	Vertical	Vertical	Pass
2734.100	-37.01	19.08	-13.0	24.01	229.00	Vertical	Vertical	Pass
4342.250	-46.84	6.81	-13.0	33.84	336.00	Vertical	Vertical	Pass
7874.250	-37.31	17.09	-13.0	24.31	1.00	Vertical	Vertical	Pass



Band:LTE B12,Channel:High range,BW:10M

RSE (RF) \_FCC PART22&24&27\_LTE B12 & B17 & B28\_699-747\_30MHz-10GHz\_

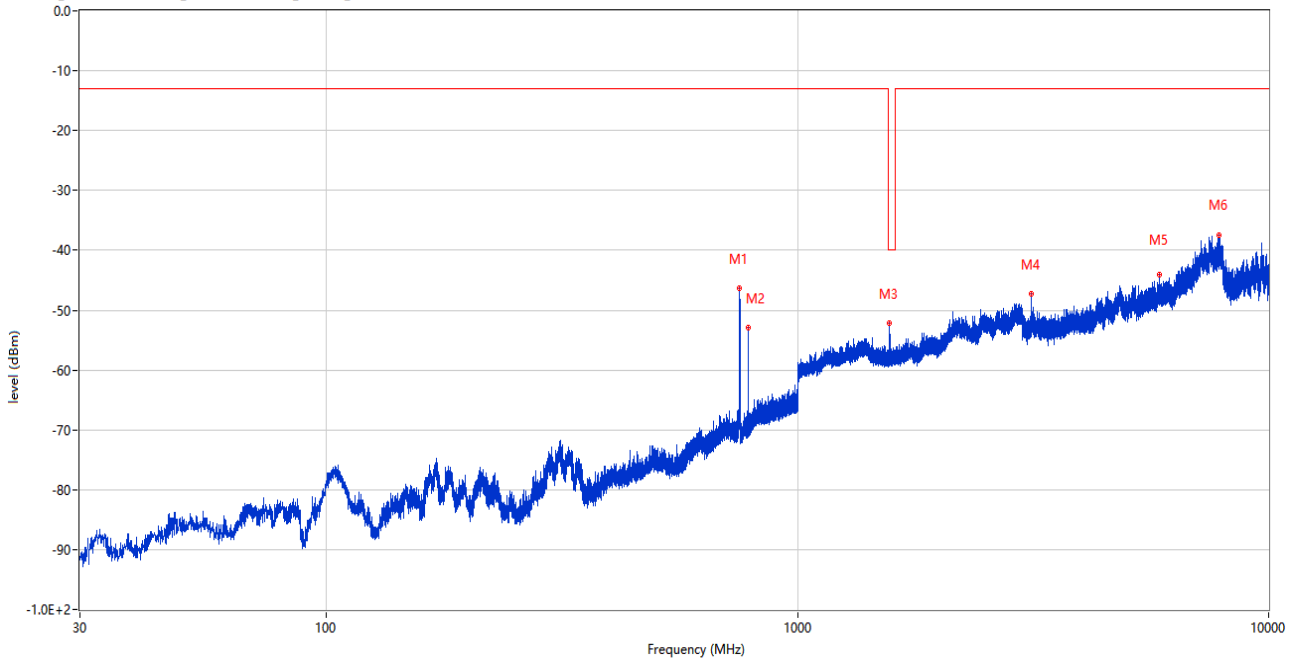


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
184.812	-71.68	-15.07	-13.0	58.68	271.00	Vertical	Horizontal	Pass
711.086	-47.47	3.20	-13.0	34.47	45.00	Vertical	Horizontal	N/A
1422.800	-54.11	-2.95	-13.0	41.11	244.00	Vertical	Horizontal	Pass
2695.900	-36.99	17.19	-13.0	23.99	191.00	Vertical	Horizontal	Pass
4854.000	-44.73	7.73	-13.0	31.73	249.00	Vertical	Horizontal	Pass
7484.250	-36.78	16.60	-13.0	23.78	231.00	Vertical	Horizontal	Pass

## 4.6 LTE Band 13

Band:LTE B13,Channel:High range,BW:5M

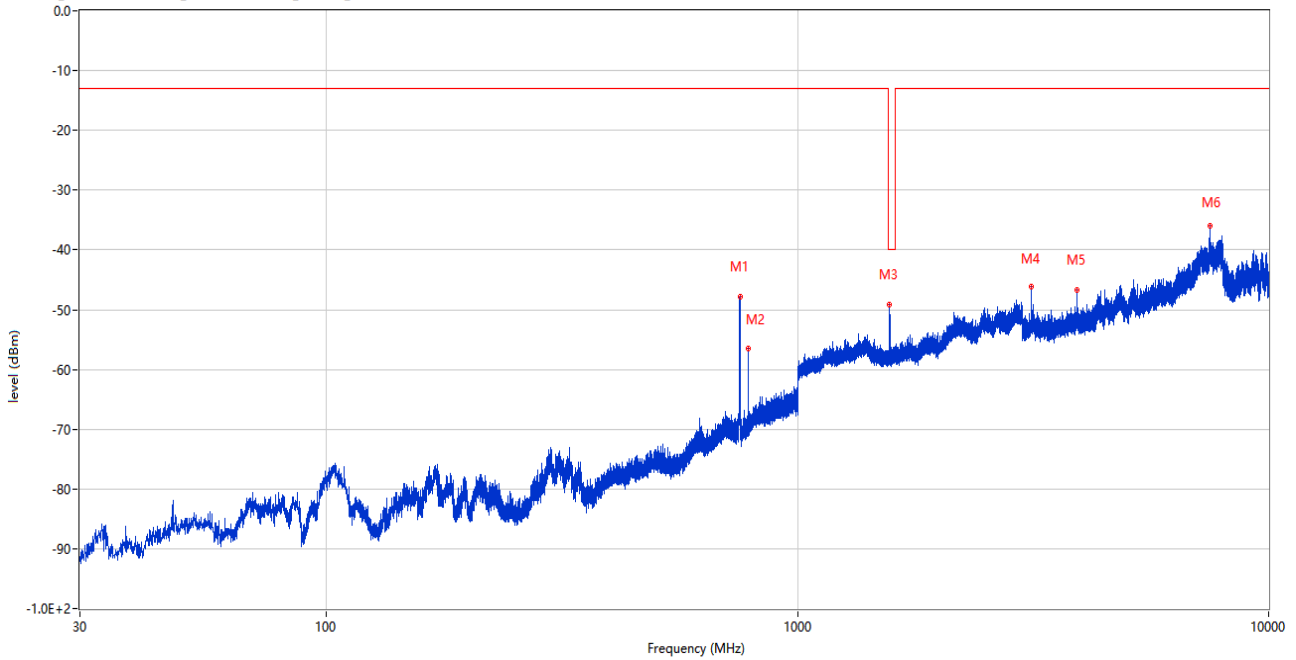
RSE (RF) \_FCC PART22&24&27\_LTE Band 13 & 14 \_699-748\_30MHz-10GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
753.911	-46.39	-0.39	-13.0	33.39	228.00	Horizontal	Horizontal	N/A
784.708	-52.84	1.21	-13.0	39.84	307.00	Horizontal	Horizontal	N/A
1569.700	-52.23	-4.45	-40.0	12.23	302.00	Horizontal	Horizontal	Pass
3139.000	-47.30	4.13	-13.0	34.30	291.00	Horizontal	Horizontal	Pass
5870.000	-44.15	8.48	-13.0	31.15	360.00	Horizontal	Horizontal	Pass
7836.000	-37.55	15.62	-13.0	24.55	94.00	Horizontal	Horizontal	Pass

Band:LTE B13,Channel:High range,BW:5M

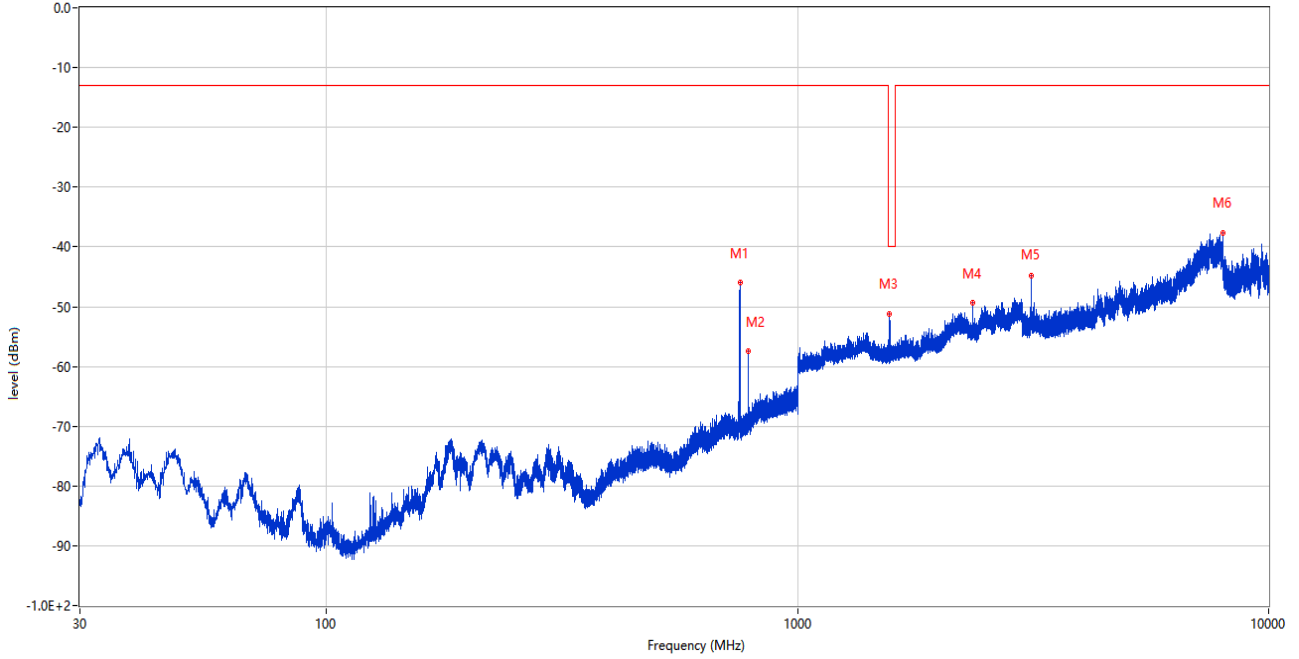
RSE (RF) \_FCC PART22&24&27\_LTE Band 13 & 14 \_699-748\_30MHz-10GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
754.978	-47.80	-0.47	-13.0	34.80	238.00	Horizontal	Vertical	N/A
784.612	-56.55	1.20	-13.0	43.55	0.00	Horizontal	Vertical	N/A
1569.500	-49.11	-4.46	-40.0	9.11	230.00	Horizontal	Vertical	Pass
3138.750	-46.07	4.11	-13.0	33.07	168.00	Horizontal	Vertical	Pass
3923.750	-46.70	5.30	-13.0	33.70	49.00	Horizontal	Vertical	Pass
7506.250	-35.97	16.07	-13.0	22.97	270.00	Horizontal	Vertical	Pass

Band:LTE B13,Channel:High range,BW:5M

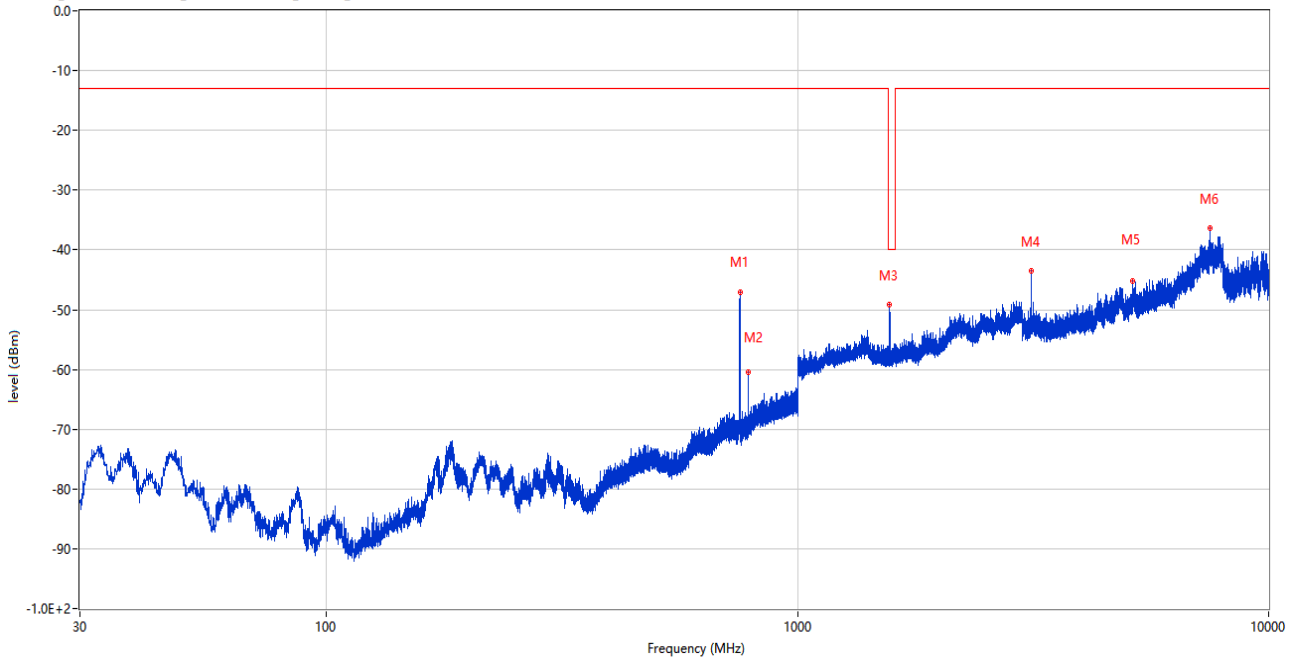
RSE (RF) \_FCC PART22&24&27\_LTE Band 13 & 14 \_699-748\_30MHz-10GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
755.172	-46.00	-0.47	-13.0	33.00	176.00	Vertical	Vertical	N/A
784.660	-57.40	1.21	-13.0	44.40	98.00	Vertical	Vertical	N/A
1569.600	-51.22	-4.45	-40.0	11.22	360.00	Vertical	Vertical	Pass
2354.300	-49.41	0.03	-13.0	36.41	219.00	Vertical	Vertical	Pass
3139.250	-44.86	4.16	-13.0	31.86	160.00	Vertical	Vertical	Pass
7998.750	-37.58	17.11	-13.0	24.58	308.00	Vertical	Vertical	Pass

Band:LTE B13,Channel:High range,BW:5M

RSE (RF) \_FCC PART22&24&27\_LTE Band 13 & 14 \_699-748\_30MHz-10GHz

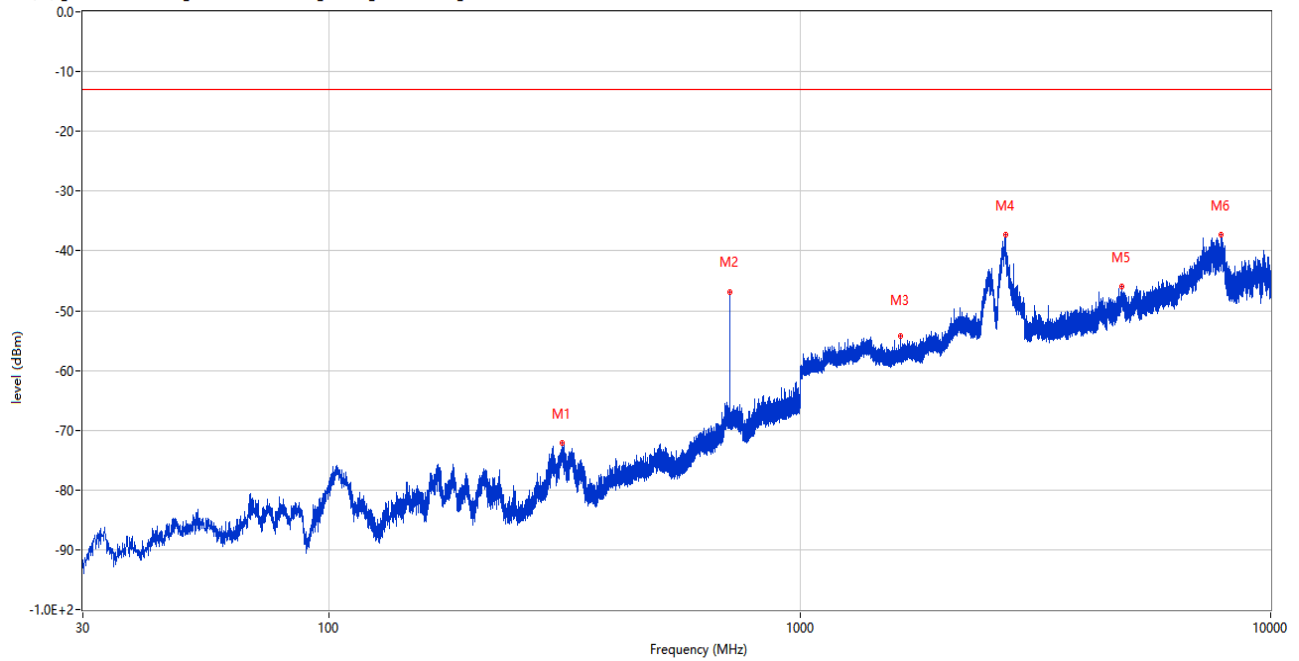


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
754.833	-47.06	-0.46	-13.0	34.06	184.00	Vertical	Horizontal	N/A
784.708	-60.40	1.21	-13.0	47.40	340.00	Vertical	Horizontal	N/A
1569.800	-49.21	-4.44	-40.0	9.21	272.00	Vertical	Horizontal	Pass
3139.000	-43.56	4.13	-13.0	30.56	186.00	Vertical	Horizontal	Pass
5138.000	-45.17	8.00	-13.0	32.17	317.00	Vertical	Horizontal	Pass
7496.250	-36.43	16.67	-13.0	23.43	112.00	Vertical	Horizontal	Pass

## 4.7 LTE Band 17

Band:LTE B17,Channel:Mid range,BW:5M

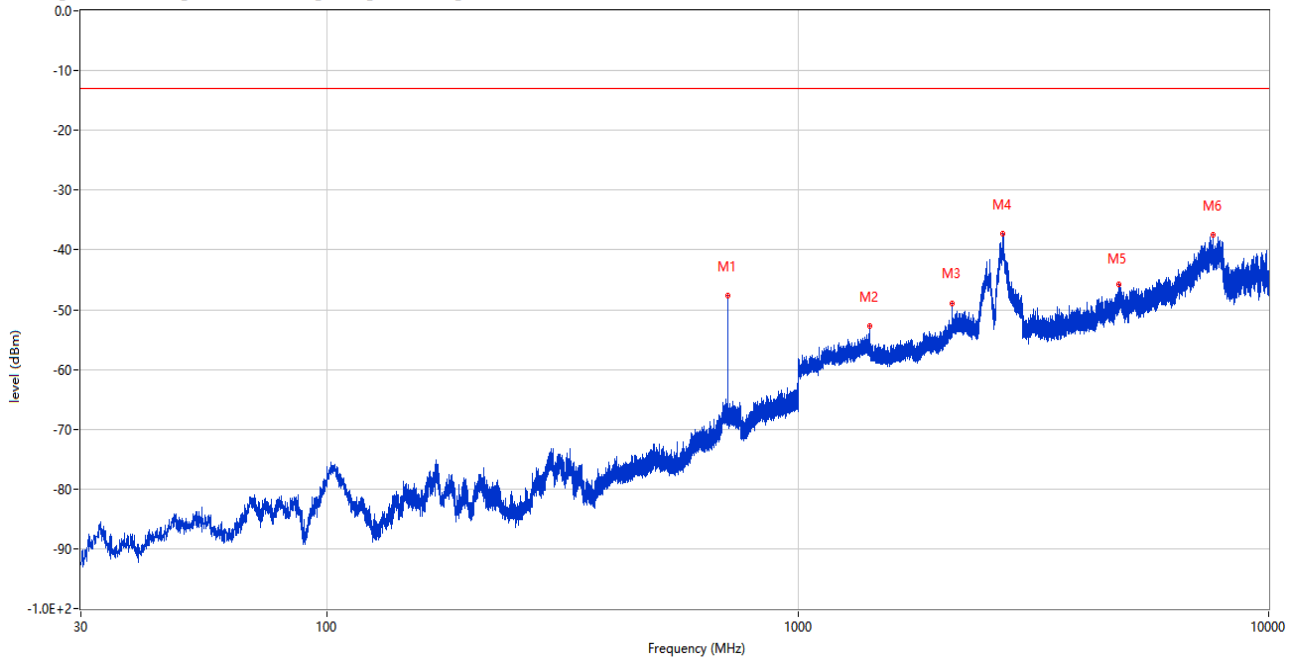
RSE (RF) \_FCC PART22&24&27\_LTE B12 & B17 & B28\_699-747\_30MHz-10GHz\_



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
312.173	-72.21	-11.96	-13.0	59.21	15.00	Horizontal	Horizontal	Pass
710.115	-46.89	3.20	-13.0	33.89	281.00	Horizontal	Horizontal	N/A
1632.500	-54.28	-3.70	-13.0	41.28	297.00	Horizontal	Horizontal	Pass
2732.700	-37.36	19.32	-13.0	24.36	126.00	Horizontal	Horizontal	Pass
4820.250	-46.00	7.74	-13.0	33.00	150.00	Horizontal	Horizontal	Pass
7858.500	-37.30	16.54	-13.0	24.30	103.00	Horizontal	Horizontal	Pass

Band:LTE B17,Channel:Mid range,BW:5M

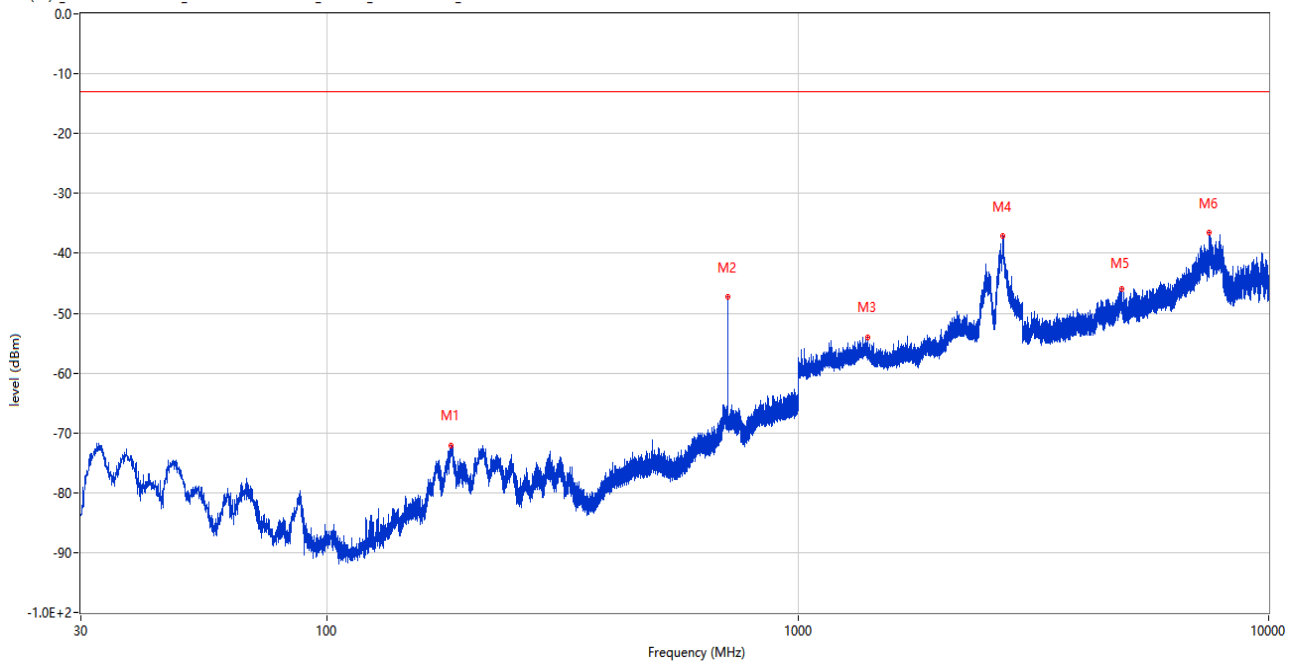
RSE (RF) \_FCC PART22&24&27\_LTE B12 & B17 & B28\_699-747\_30MHz-10GHz\_



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
710.213	-47.67	3.20	-13.0	34.67	341.00	Horizontal	Vertical	N/A
1420.600	-52.80	-2.87	-13.0	39.80	255.00	Horizontal	Vertical	Pass
2130.800	-48.95	1.30	-13.0	35.95	232.00	Horizontal	Vertical	Pass
2730.100	-37.34	19.45	-13.0	24.34	44.00	Horizontal	Vertical	Pass
4816.500	-45.78	7.79	-13.0	32.78	132.00	Horizontal	Vertical	Pass
7604.500	-37.51	16.32	-13.0	24.51	257.00	Horizontal	Vertical	Pass

Band:LTE B17,Channel:Mid range,BW:5M

RSE (RF) \_FCC PART22&24&27\_LTE B12 & B17 & B28 \_699-747\_30MHz-10GHz\_

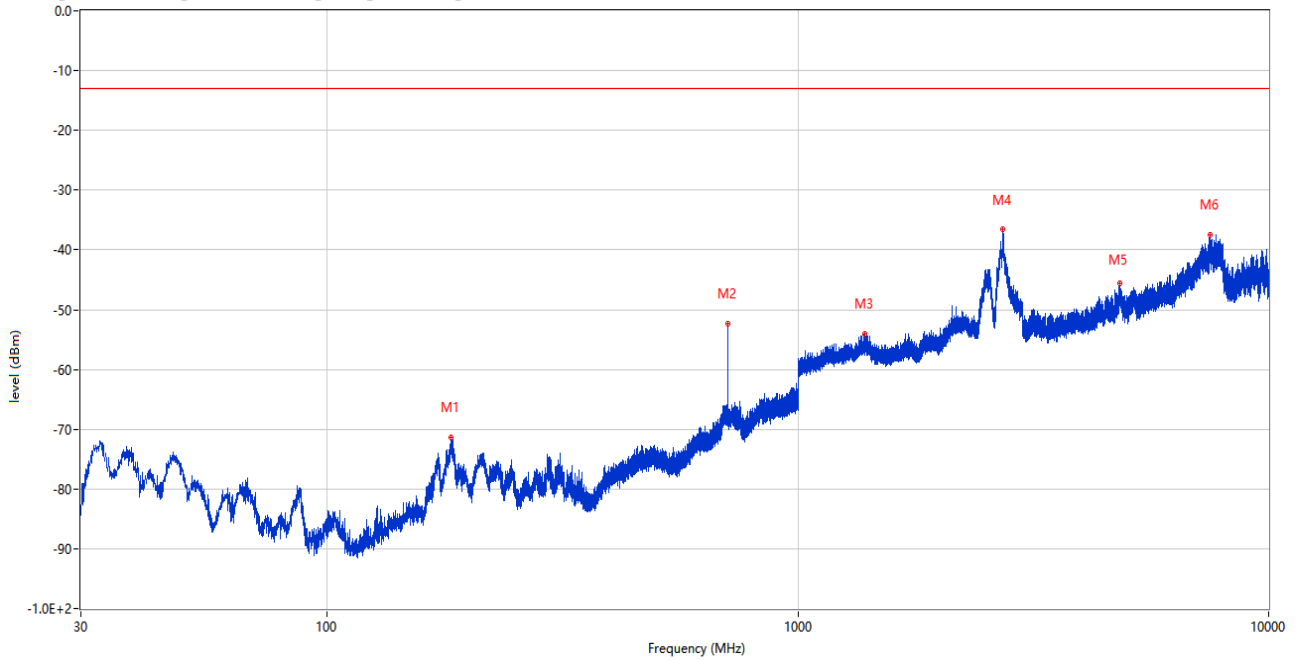


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
183.406	-72.07	-14.91	-13.0	59.07	231.00	Vertical	Vertical	Pass
710.213	-47.32	3.20	-13.0	34.32	103.00	Vertical	Vertical	N/A
1406.200	-54.03	-2.39	-13.0	41.03	225.00	Vertical	Vertical	Pass
2728.200	-37.13	19.28	-13.0	24.13	272.00	Vertical	Vertical	Pass
4874.000	-45.86	7.53	-13.0	32.86	293.00	Vertical	Vertical	Pass
7488.750	-36.60	16.81	-13.0	23.60	34.00	Vertical	Vertical	Pass



Band:LTE B17,Channel:Mid range,BW:5M

RSE (RF) \_FCC PART22&24&27\_LTE B12 & B17 & B28 \_699-747\_30MHz-10GHz\_

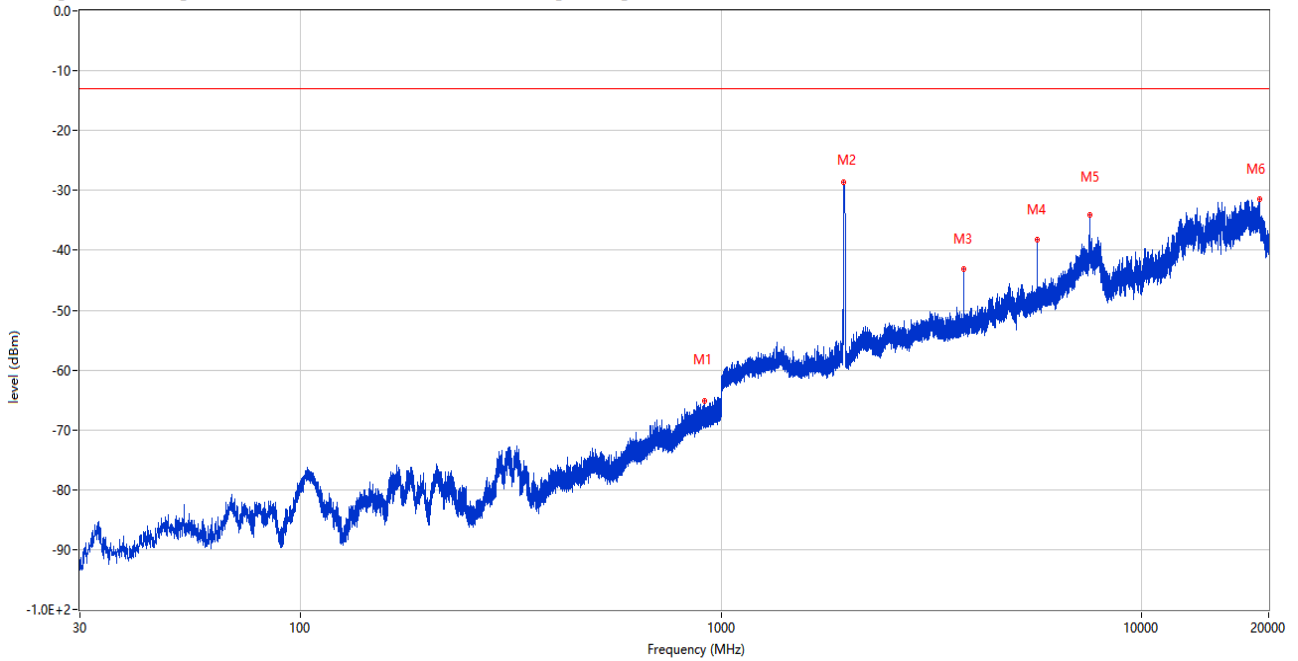


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
183.163	-71.29	-14.89	-13.0	58.29	275.00	Vertical	Horizontal	Pass
710.213	-52.36	3.20	-13.0	39.36	49.00	Vertical	Horizontal	N/A
1390.000	-53.96	-2.36	-13.0	40.96	230.00	Vertical	Horizontal	Pass
2723.300	-36.57	17.79	-13.0	23.57	113.00	Vertical	Horizontal	Pass
4828.000	-45.54	7.64	-13.0	32.54	160.00	Vertical	Horizontal	Pass
7500.500	-37.38	16.43	-13.0	24.38	289.00	Vertical	Horizontal	Pass

## 4.8 LTE Band 25

Band:LTE B25,Channel:Mid range,BW:20M

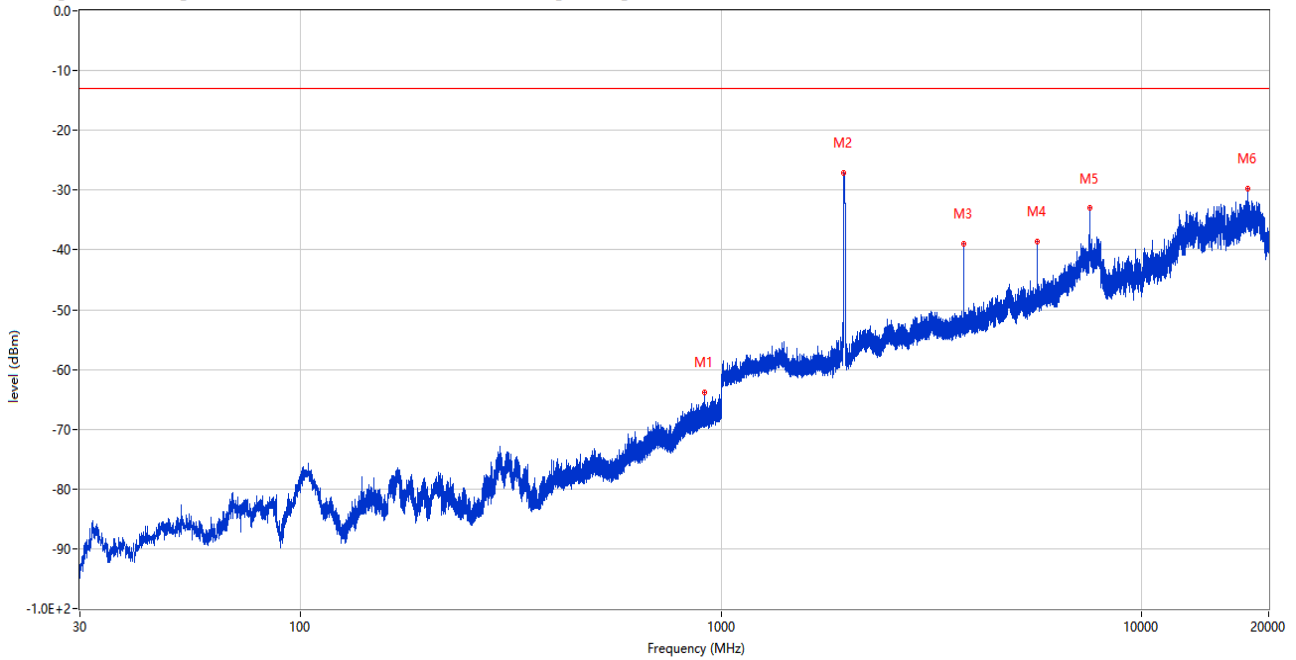
RSE (RF) \_FCC PART22&24&27\_GSM 1900 & CDMA BC1 & WCDMA Band 2 & LTE Band 2 & 25 \_1830-1920\_30MHz-20GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
914.106	-65.12	2.49	-13.0	52.12	291.00	Horizontal	Horizontal	Pass
1954.800	-28.59	-4.36	-13.0	15.59	260.00	Horizontal	Horizontal	N/A
3765.250	-43.10	4.54	-13.0	30.10	154.00	Horizontal	Horizontal	Pass
5647.750	-38.16	8.07	-13.0	25.16	6.00	Horizontal	Horizontal	Pass
7530.500	-34.06	16.37	-13.0	21.06	359.00	Horizontal	Horizontal	Pass
19049.525	-31.38	23.91	-13.0	18.38	35.00	Horizontal	Horizontal	Pass

Band:LTE B25,Channel:Mid range,BW:20M

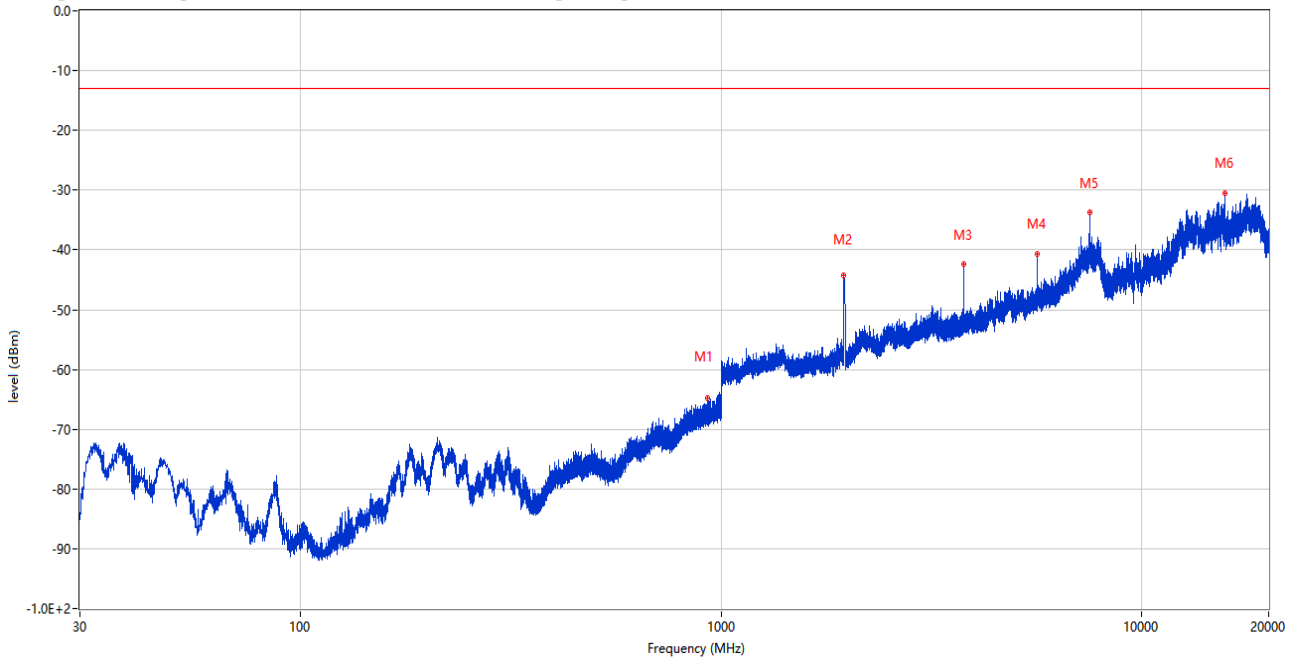
RSE (RF) \_FCC PART22&24&27\_GSM 1900 & CDMA BC1 & WCDMA Band 2 & LTE Band 2 & 25 \_1830-1920\_30MHz-20GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
912.409	-63.77	2.43	-13.0	50.77	115.00	Horizontal	Vertical	Pass
1954.900	-27.03	-4.37	-13.0	14.03	274.00	Horizontal	Vertical	N/A
3765.250	-38.93	4.54	-13.0	25.93	54.00	Horizontal	Vertical	Pass
5648.000	-38.54	8.06	-13.0	25.54	188.00	Horizontal	Vertical	Pass
7530.750	-33.02	16.38	-13.0	20.02	170.00	Horizontal	Vertical	Pass
17802.887	-29.76	26.43	-13.0	16.76	209.00	Horizontal	Vertical	Pass

Band:LTE B25,Channel:Mid range,BW:20M

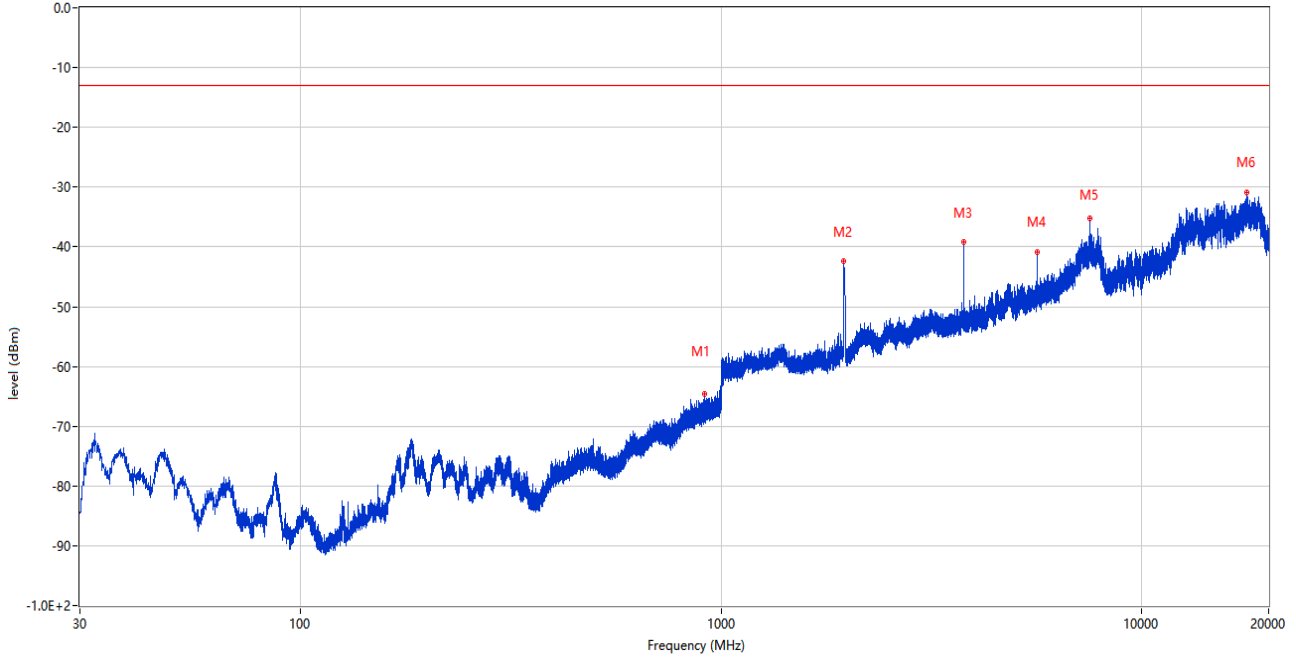
RSE (RF) \_FCC PART22&24&27\_GSM 1900 & CDMA BC1 & WCDMA Band 2 & LTE Band 2 & 25 \_1830-1920\_30MHz-20GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
927.977	-64.78	2.62	-13.0	51.78	223.00	Vertical	Vertical	Pass
1958.600	-44.20	-4.43	-13.0	31.20	237.00	Vertical	Vertical	N/A
3765.500	-42.40	4.55	-13.0	29.40	63.00	Vertical	Vertical	Pass
5648.000	-40.61	8.06	-13.0	27.61	212.00	Vertical	Vertical	Pass
7530.500	-33.75	16.37	-13.0	20.75	166.00	Vertical	Vertical	Pass
15715.974	-30.48	23.86	-13.0	17.48	84.00	Vertical	Vertical	Pass

Band:LTE B25,Channel:Mid range,BW:20M

RSE (RF) \_FCC PART22&24&27\_GSM 1900 & CDMA BC1 & WCDMA Band 2 & LTE Band 2 & 25 \_1830-1920\_30MHz-20GHz

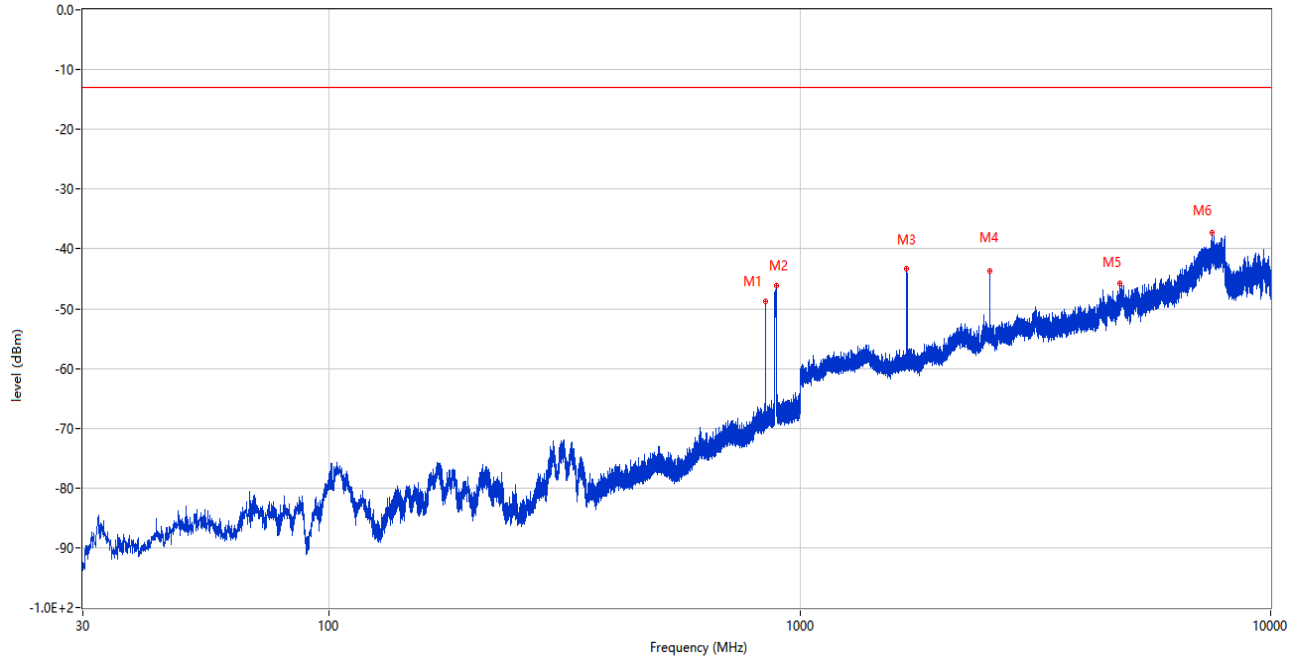


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
915.901	-64.67	2.43	-13.0	51.67	58.00	Vertical	Horizontal	Pass
1960.100	-42.44	-4.46	-13.0	29.44	235.00	Vertical	Horizontal	N/A
3765.250	-39.09	4.54	-13.0	26.09	204.00	Vertical	Horizontal	Pass
5647.750	-40.82	8.07	-13.0	27.82	316.00	Vertical	Horizontal	Pass
7530.500	-35.21	16.37	-13.0	22.21	9.00	Vertical	Horizontal	Pass
17786.575	-30.87	26.29	-13.0	17.87	238.00	Vertical	Horizontal	Pass

## 4.9 LTE Band 26 (Part 22)

Band:LTE B26,Channel:High range,BW:10M

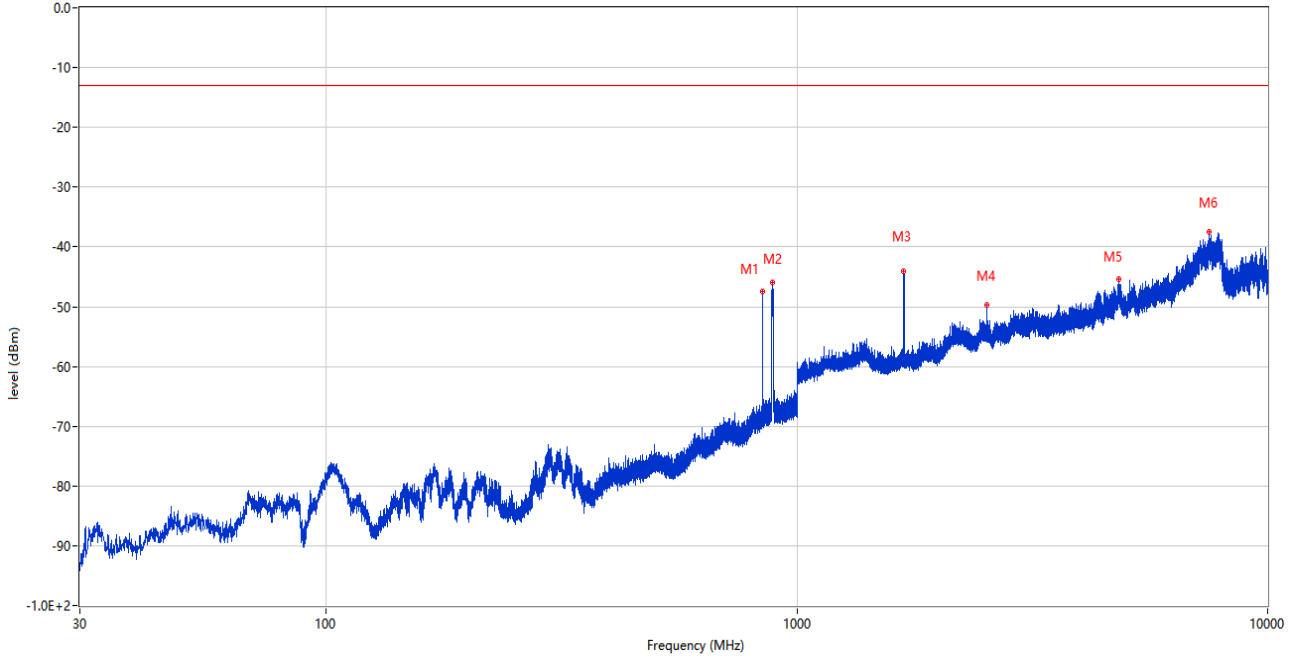
RSE (RF) \_FCC PART22&24&27\_GSM 850 & CDMA BC0 & WCDMA Band5 & LTE Band 5 & 26 & 18 & 19 \_814-849\_30MHz-10GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
844.121	-48.79	2.34	-13.0	35.79	33.00	Horizontal	Horizontal	N/A
892.718	-46.14	2.25	-13.0	33.14	280.00	Horizontal	Horizontal	N/A
1688.400	-43.38	-5.37	-13.0	30.38	0.00	Horizontal	Horizontal	Pass
2532.700	-43.65	-0.09	-13.0	30.65	19.00	Horizontal	Horizontal	Pass
4774.750	-45.84	7.45	-13.0	32.84	19.00	Horizontal	Horizontal	Pass
7496.500	-37.28	16.65	-13.0	24.28	38.00	Horizontal	Horizontal	Pass

Band:LTE B26,Channel:High range,BW:10M

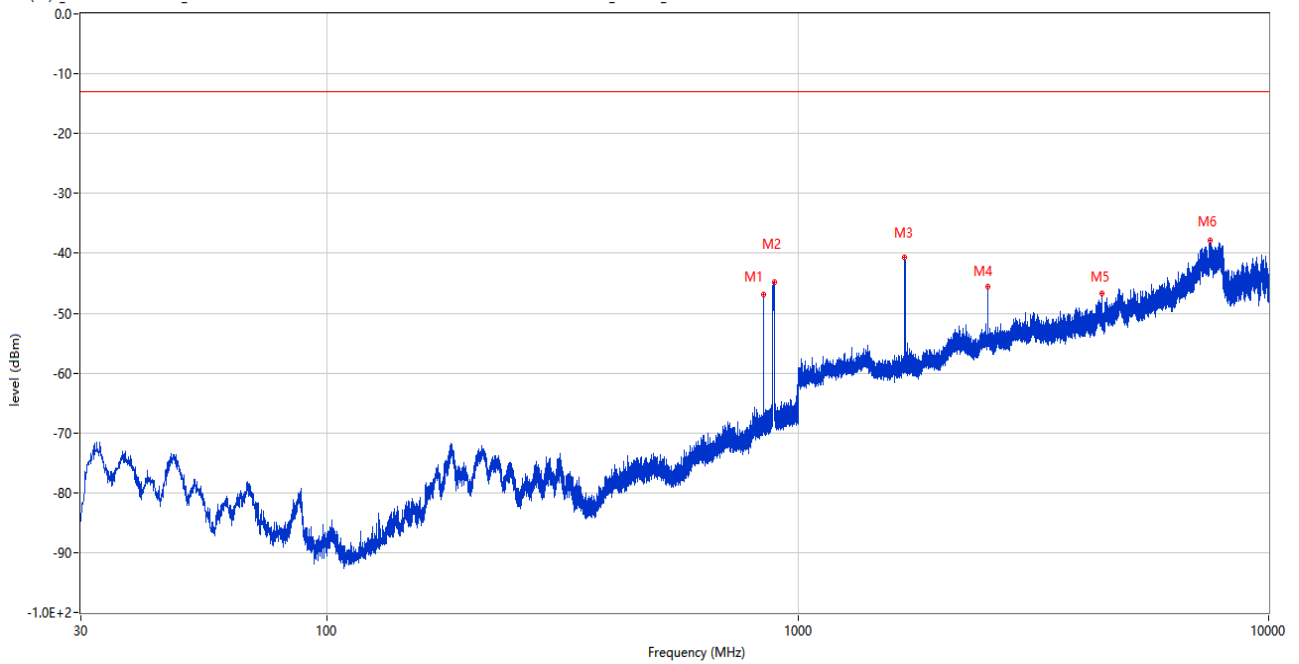
RSE (RF) \_FCC PART22&24&27\_GSM 850 & CDMA BC0 & WCDMA Band5 & LTE Band 5 & 26 & 18 & 19\_814-849\_30MHz-10GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
844.121	-47.55	2.34	-13.0	34.55	349.00	Horizontal	Vertical	N/A
887.965	-45.89	2.33	-13.0	32.89	293.00	Horizontal	Vertical	N/A
1688.400	-44.14	-5.37	-13.0	31.14	8.00	Horizontal	Vertical	Pass
2532.600	-49.74	-0.09	-13.0	36.74	132.00	Horizontal	Vertical	Pass
4822.250	-45.34	7.69	-13.0	32.34	158.00	Horizontal	Vertical	Pass
7499.750	-37.57	16.47	-13.0	24.57	223.00	Horizontal	Vertical	Pass

Band:LTE B26,Channel:High range,BW:10M

RSE (RF) \_FCC PART22&24&27\_GSM 850 & CDMA BC0 & WCDMA Band5 & LTE Band 5 & 26 & 18 & 19\_814-849\_30MHz-10GHz

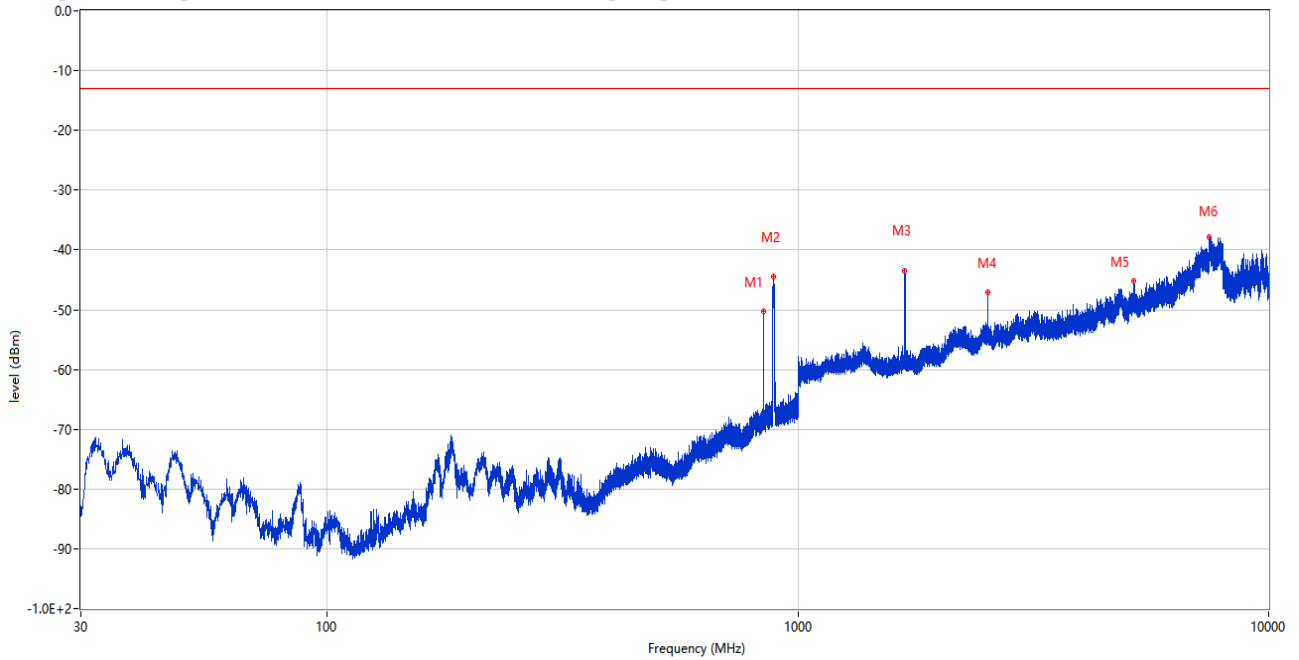


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
844.121	-46.85	2.34	-13.0	33.85	353.00	Vertical	Vertical	N/A
891.796	-44.79	2.27	-13.0	31.79	300.00	Vertical	Vertical	N/A
1688.500	-40.73	-5.37	-13.0	27.73	72.00	Vertical	Vertical	Pass
2532.600	-45.64	-0.09	-13.0	32.64	231.00	Vertical	Vertical	Pass
4434.750	-46.66	5.76	-13.0	33.66	66.00	Vertical	Vertical	Pass
7494.250	-37.77	16.76	-13.0	24.77	0.00	Vertical	Vertical	Pass



Band:LTE B26,Channel:High range,BW:10M

RSE (RF) \_FCC PART22&24&27\_GSM 850 & CDMA BC0 & WCDMA Band5 & LTE Band 5 & 26 & 18 & 19\_814-849\_30MHz-10GHz

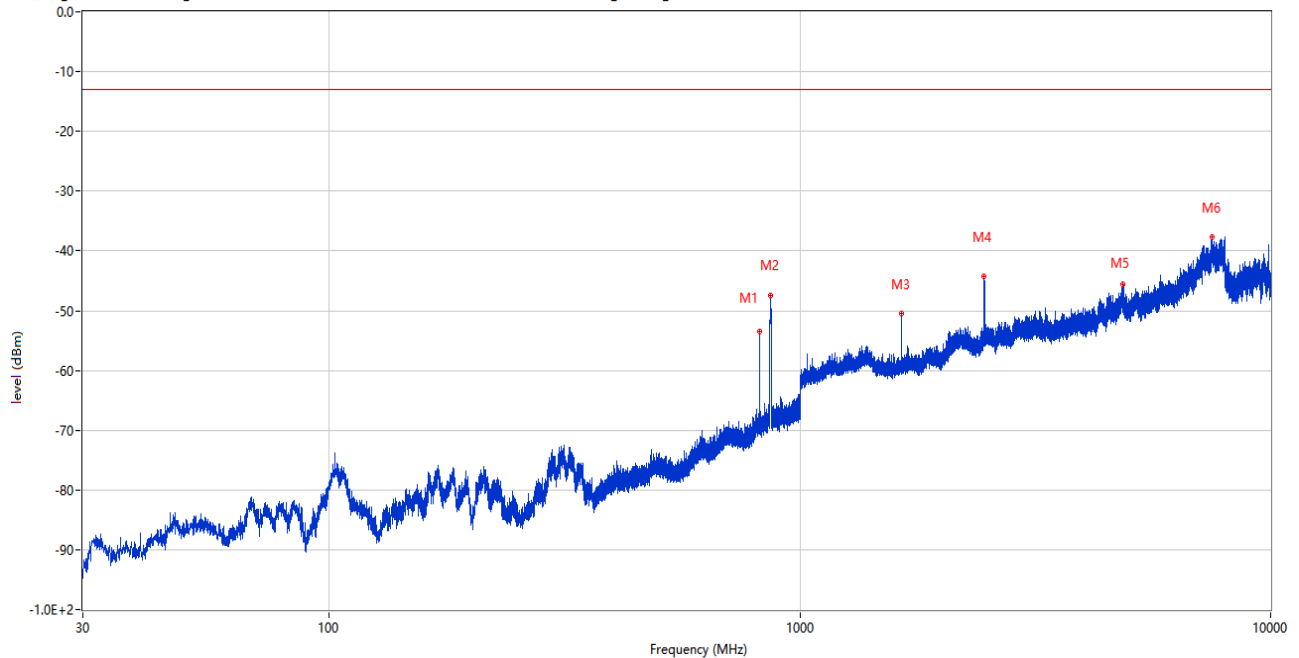


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
844.169	-50.27	2.34	-13.0	37.27	349.00	Vertical	Horizontal	N/A
886.995	-44.41	2.32	-13.0	31.41	146.00	Vertical	Horizontal	N/A
1688.500	-43.52	-5.37	-13.0	30.52	267.00	Vertical	Horizontal	Pass
2532.400	-47.11	-0.09	-13.0	34.11	221.00	Vertical	Horizontal	Pass
5162.250	-45.20	8.05	-13.0	32.20	127.00	Vertical	Horizontal	Pass
7485.000	-37.80	16.65	-13.0	24.80	360.00	Vertical	Horizontal	Pass

## 4.10 LTE Band 26 (Part 90)

Band:LTE B26,Channel:High range,BW:5M

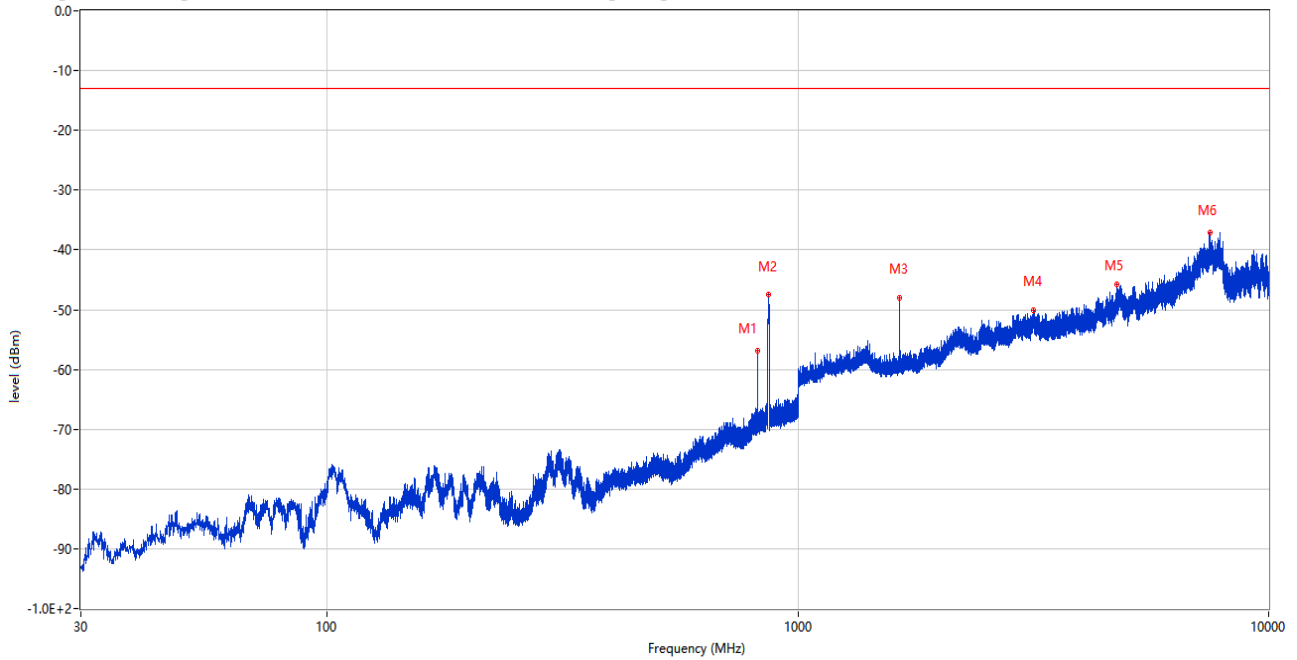
RSE (RF) \_FCC PART22&24&27\_GSM 850 & CDMA BC0 & WCDMA Band5 & LTE Band 5 & 26 & 18 & 19 \_814-849\_30MHz-10GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
821.666	-53.45	1.90	-13.0	40.45	295.00	Horizontal	Horizontal	N/A
866.528	-47.40	1.95	-13.0	34.40	182.00	Horizontal	Horizontal	N/A
1643.400	-50.50	-5.58	-13.0	37.50	287.00	Horizontal	Horizontal	Pass
2465.300	-44.34	-0.39	-13.0	31.34	360.00	Horizontal	Horizontal	Pass
4842.500	-45.48	7.58	-13.0	32.48	131.00	Horizontal	Horizontal	Pass
7498.000	-37.67	16.56	-13.0	24.67	317.00	Horizontal	Horizontal	Pass

Band:LTE B26,Channel:High range,BW:5M

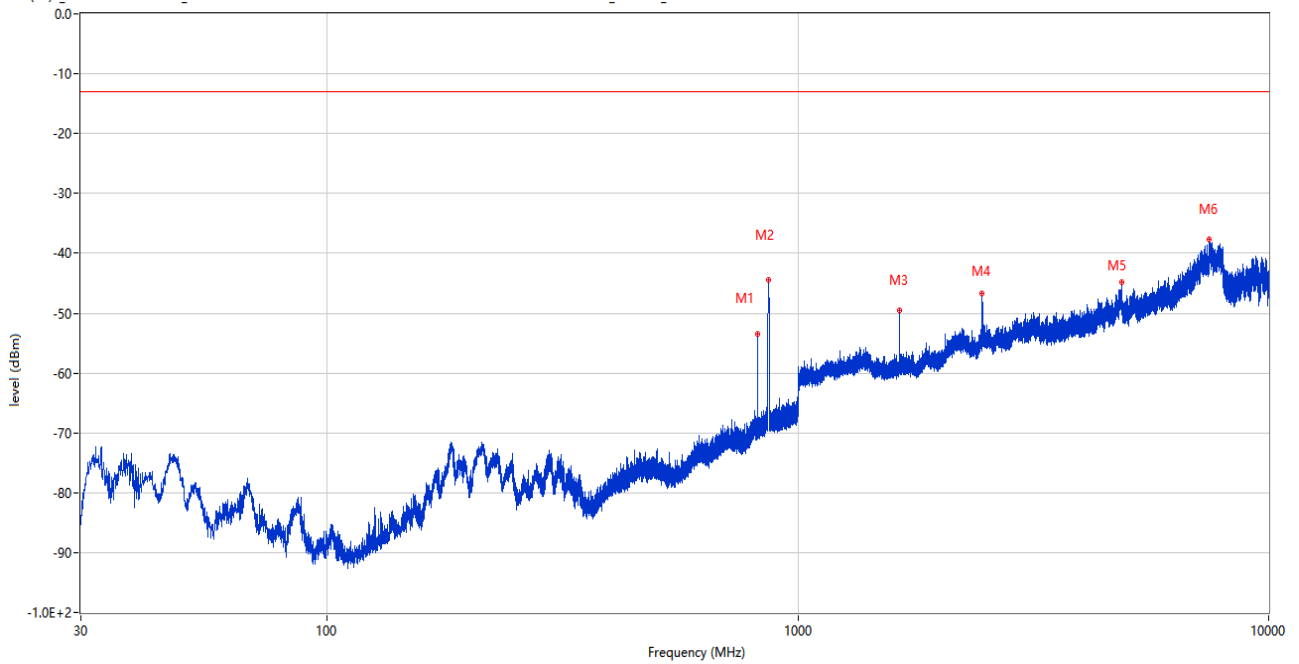
RSE (RF) \_FCC PART22&24&27\_GSM 850 & CDMA BC0 & WCDMA Band5 & LTE Band 5 & 26 & 18 & 19\_814-849\_30MHz-10GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
821.666	-56.94	1.90	-13.0	43.94	3.00	Horizontal	Vertical	N/A
866.528	-47.38	1.95	-13.0	34.38	178.00	Horizontal	Vertical	N/A
1643.500	-48.11	-5.58	-13.0	35.11	233.00	Horizontal	Vertical	Pass
3167.500	-50.08	5.53	-13.0	37.08	30.00	Horizontal	Vertical	Pass
4751.250	-45.77	7.48	-13.0	32.77	0.00	Horizontal	Vertical	Pass
7494.500	-37.01	16.76	-13.0	24.01	57.00	Horizontal	Vertical	Pass

Band:LTE B26,Channel:High range,BW:5M

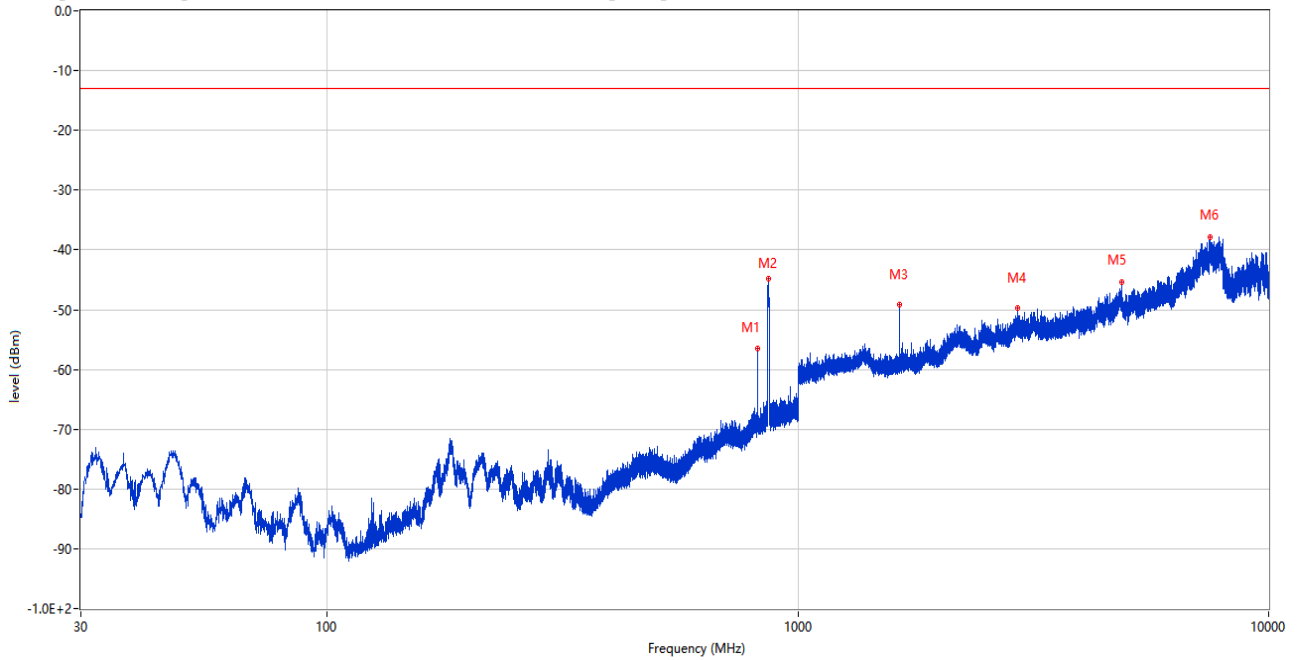
RSE (RF) \_FCC PART22&24&27\_GSM 850 & CDMA BC0 & WCDMA Band5 & LTE Band 5 & 26 & 18 & 19\_814-849\_30MHz-10GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
821.617	-53.41	1.90	-13.0	40.41	161.00	Vertical	Vertical	N/A
867.595	-44.47	1.98	-13.0	31.47	165.00	Vertical	Vertical	N/A
1643.700	-49.44	-5.57	-13.0	36.44	317.00	Vertical	Vertical	Pass
2465.200	-46.78	-0.40	-13.0	33.78	360.00	Vertical	Vertical	Pass
4866.250	-44.84	7.76	-13.0	31.84	42.00	Vertical	Vertical	Pass
7484.250	-37.57	16.60	-13.0	24.57	202.00	Vertical	Vertical	Pass

Band:LTE B26,Channel:High range,BW:5M

RSE (RF) \_FCC PART22&24&27\_GSM 850 & CDMA BC0 & WCDMA Band5 & LTE Band 5 & 26 & 18 & 19\_814-849\_30MHz-10GHz

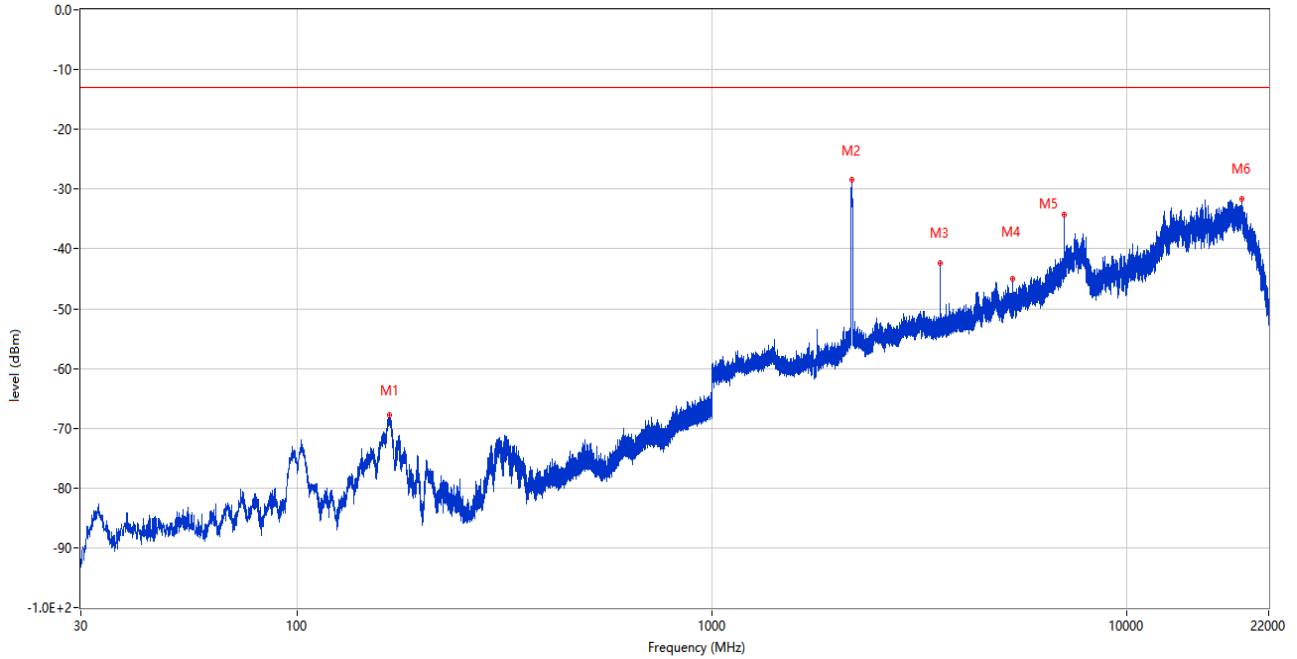


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
821.617	-56.59	1.90	-13.0	43.59	348.00	Vertical	Horizontal	N/A
865.946	-44.89	1.97	-13.0	31.89	291.00	Vertical	Horizontal	N/A
1643.700	-49.10	-5.57	-13.0	36.10	226.00	Vertical	Horizontal	Pass
2929.900	-49.63	2.83	-13.0	36.63	38.00	Vertical	Horizontal	Pass
4875.000	-45.31	7.52	-13.0	32.31	74.00	Vertical	Horizontal	Pass
7498.500	-37.82	16.53	-13.0	24.82	0.00	Vertical	Horizontal	Pass

## 4.11 LTE Band 66

Band:LTE B66,Channel:High range,BW:20M

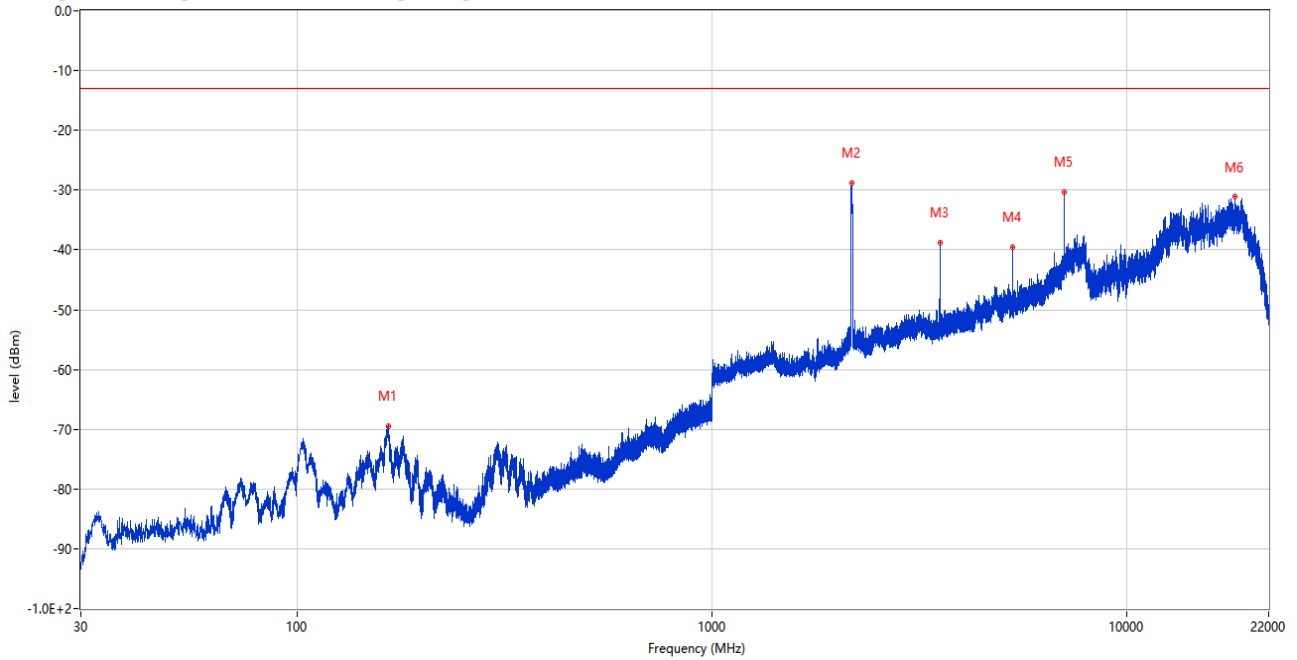
RSE (RF) \_FCC PART22&24&27\_WCDMA Band 4 & LTE Band 4 & 66\_1710-1785\_30MHz-20GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
166.964	-67.70	-15.91	-13.0	54.70	138.00	Horizontal	Horizontal	Pass
2168.700	-28.46	-1.11	-13.0	15.46	241.00	Horizontal	Horizontal	N/A
3540.500	-42.31	3.63	-13.0	29.31	25.00	Horizontal	Horizontal	Pass
5310.500	-45.08	6.47	-13.0	32.08	241.00	Horizontal	Horizontal	Pass
7080.750	-34.24	13.18	-13.0	21.24	5.00	Horizontal	Horizontal	Pass
18976.637	-31.66	23.98	-13.0	18.66	0.00	Horizontal	Horizontal	Pass

Band:LTE B66,Channel:High range,BW:20M

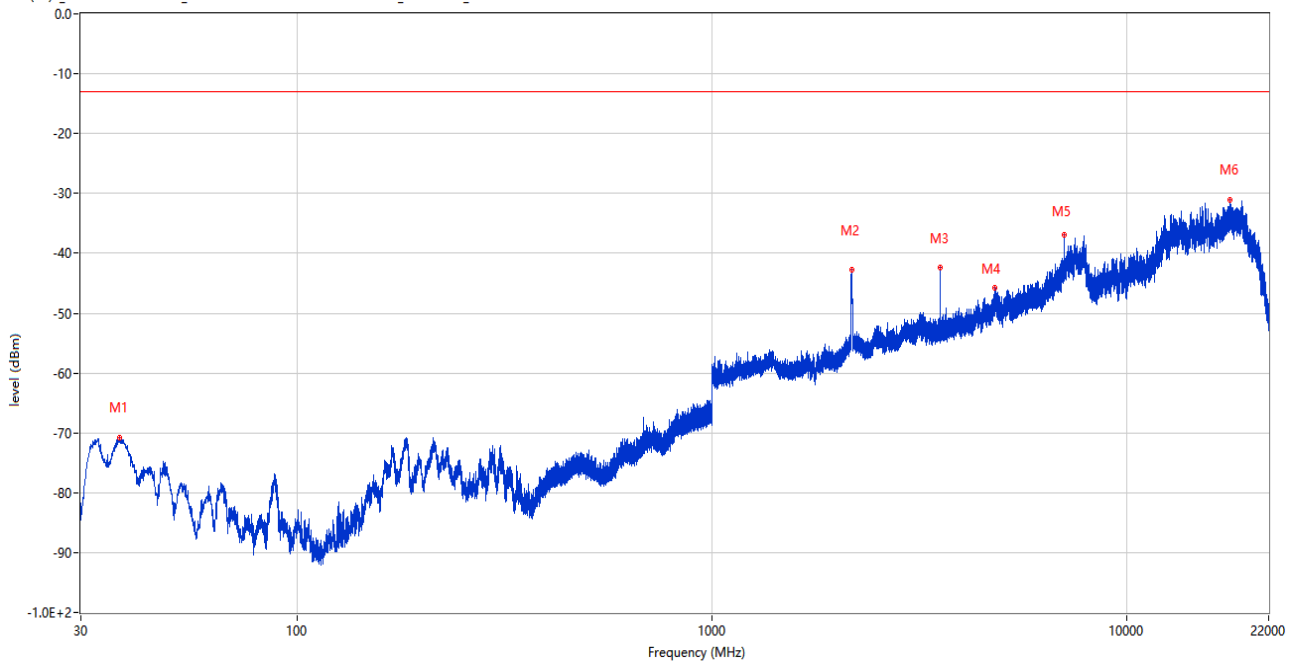
RSE (RF) \_FCC PART22&24&27\_WCDMA Band 4 & LTE Band 4 & 66\_1710-1785\_30MHz-20GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
165.703	-69.46	-15.99	-13.0	56.46	185.00	Horizontal	Vertical	Pass
2174.400	-28.80	-1.22	-13.0	15.80	270.00	Horizontal	Vertical	N/A
3540.500	-38.77	3.63	-13.0	25.77	0.00	Horizontal	Vertical	Pass
5310.250	-39.46	6.47	-13.0	26.46	156.00	Horizontal	Vertical	Pass
7080.750	-30.23	13.18	-13.0	17.23	15.00	Horizontal	Vertical	Pass
18265.313	-31.16	24.66	-13.0	18.16	208.00	Horizontal	Vertical	Pass

Band:LTE B66,Channel:High range,BW:20M

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

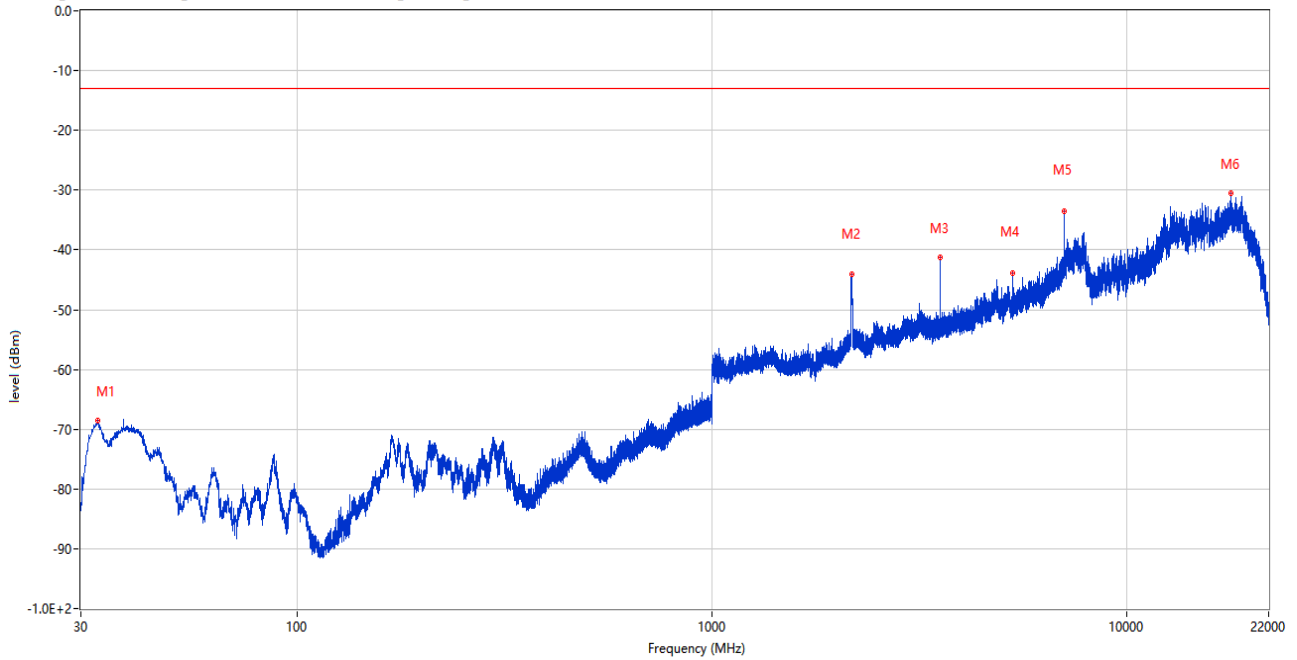


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
37.227	-70.73	-19.06	-13.0	57.73	87.00	Vertical	Vertical	Pass
2173.800	-42.74	-1.27	-13.0	29.74	267.00	Vertical	Vertical	N/A
3540.250	-42.45	3.63	-13.0	29.45	157.00	Vertical	Vertical	Pass
4818.750	-45.79	7.75	-13.0	32.79	326.00	Vertical	Vertical	Pass
7080.750	-36.96	13.18	-13.0	23.96	121.00	Vertical	Vertical	Pass
17762.574	-31.08	25.98	-13.0	18.08	4.00	Vertical	Vertical	Pass



Band:LTE B66,Channel:High range,BW:20M

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

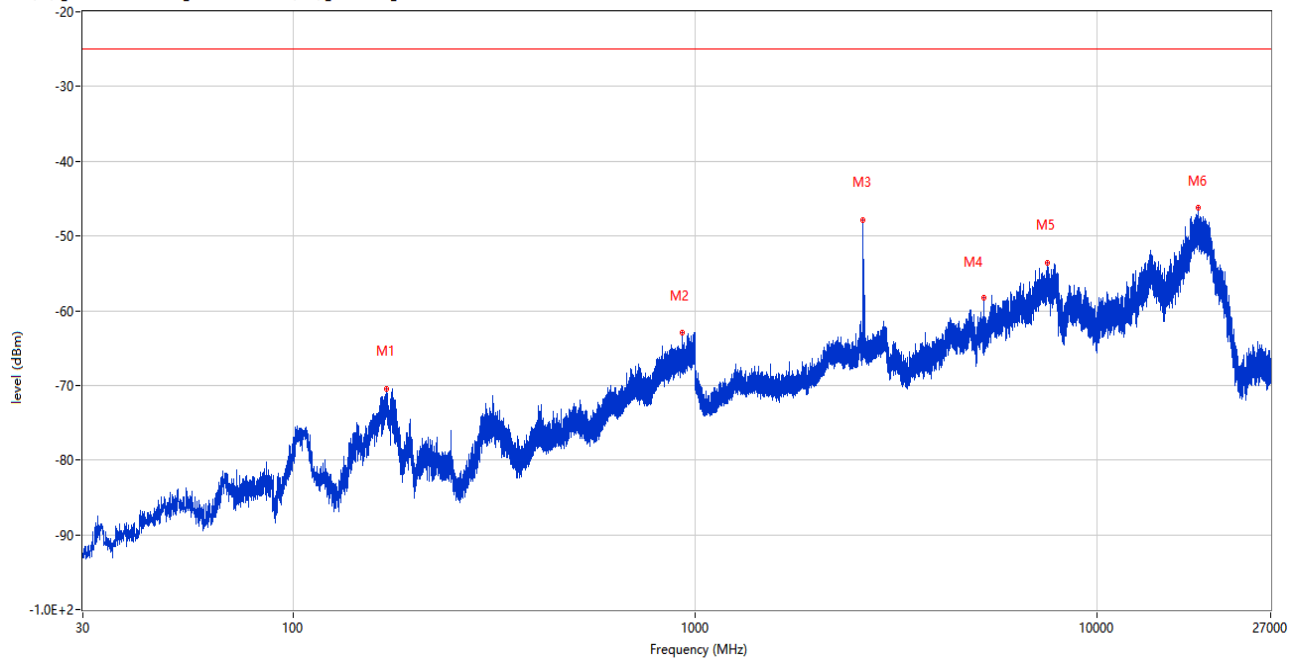


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
32.959	-68.58	-19.36	-13.0	55.58	21.00	Vertical	Horizontal	Pass
2174.200	-44.11	-1.24	-13.0	31.11	266.00	Vertical	Horizontal	N/A
3540.250	-41.31	3.63	-13.0	28.31	187.00	Vertical	Horizontal	Pass
5310.500	-43.92	6.47	-13.0	30.92	233.00	Vertical	Horizontal	Pass
7080.750	-33.53	13.18	-13.0	20.53	233.00	Vertical	Horizontal	Pass
17798.650	-30.58	26.45	-13.0	17.58	32.00	Vertical	Horizontal	Pass

## 4.12 LTE Band 38

Band:LTE B38,Channel:High range,BW:20M

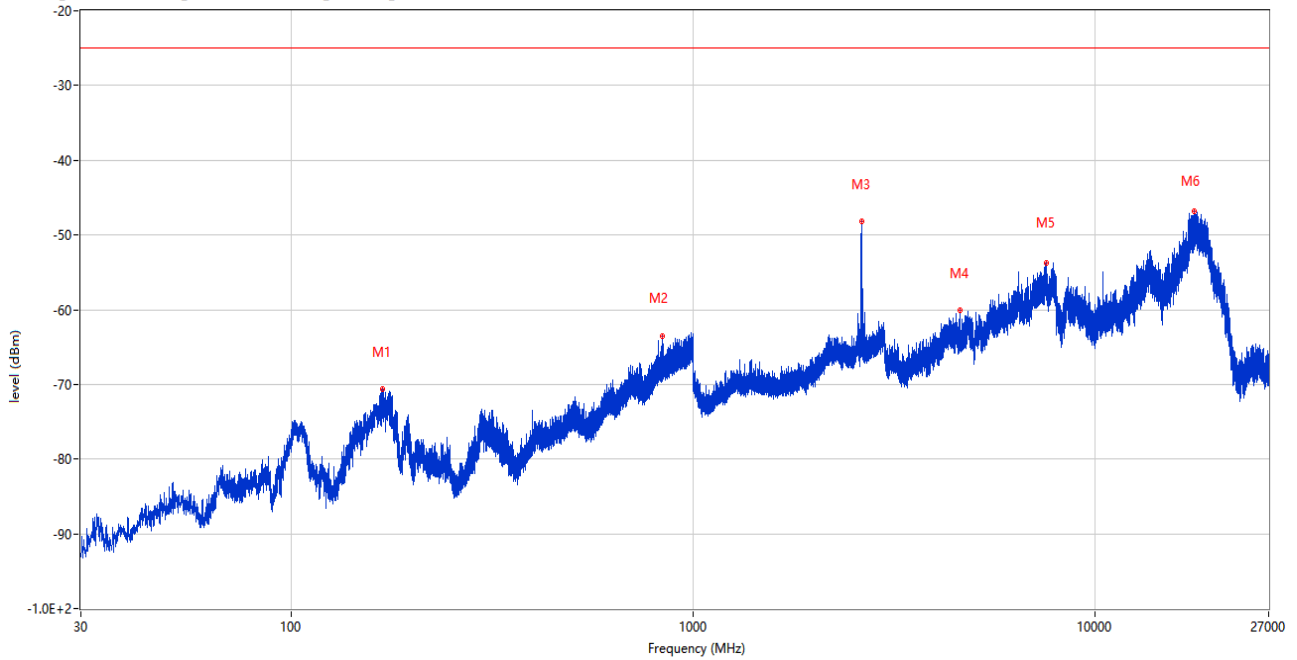
RSE (RF) \_FCC PART22&24&27\_LTE Band 38 & 41(mid) \_2570-2620\_30MHz-27GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
170.504	-70.40	-15.22	-25.0	45.40	153.00	Horizontal	Horizontal	Pass
930.985	-62.93	3.86	-25.0	37.93	57.00	Horizontal	Horizontal	Pass
2610.300	-47.82	-9.83	-25.0	22.82	217.00	Horizontal	Horizontal	N/A
5220.500	-58.21	-7.11	-25.0	33.21	1.00	Horizontal	Horizontal	Pass
7533.500	-53.56	0.63	-25.0	28.56	269.00	Horizontal	Horizontal	Pass
17863.238	-46.14	10.81	-25.0	21.14	166.00	Horizontal	Horizontal	Pass

Band:LTE B38,Channel:High range,BW:20M

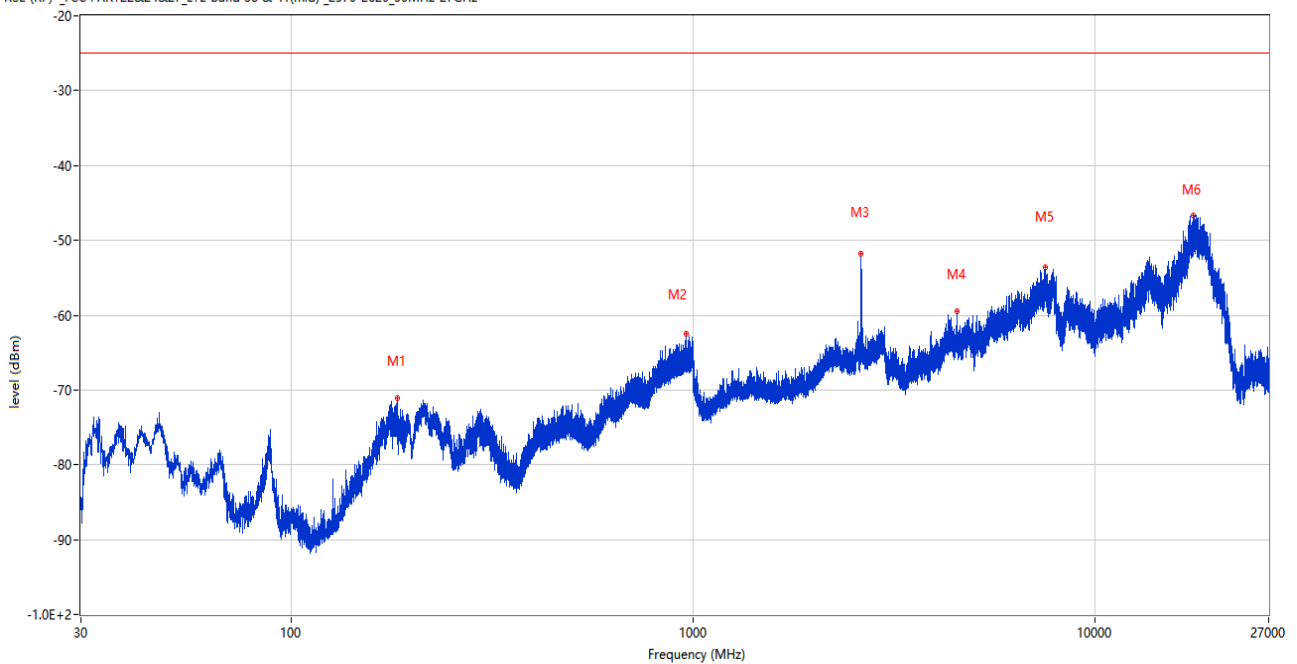
RSE (RF) \_FCC PART22&24&27\_LTE Band 38 & 41(mid) \_2570-2620\_30MHz-27GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
168.856	-70.60	-15.34	-25.0	45.60	179.00	Horizontal	Vertical	Pass
836.894	-63.61	2.52	-25.0	38.61	263.00	Horizontal	Vertical	Pass
2624.500	-48.14	-9.84	-25.0	23.14	154.00	Horizontal	Vertical	N/A
4599.250	-60.05	-6.76	-25.0	35.05	317.00	Horizontal	Vertical	Pass
7539.000	-53.69	0.89	-25.0	28.69	290.00	Horizontal	Vertical	Pass
17611.762	-46.76	10.63	-25.0	21.76	56.00	Horizontal	Vertical	Pass

Band:LTE B38,Channel:High range,BW:20M

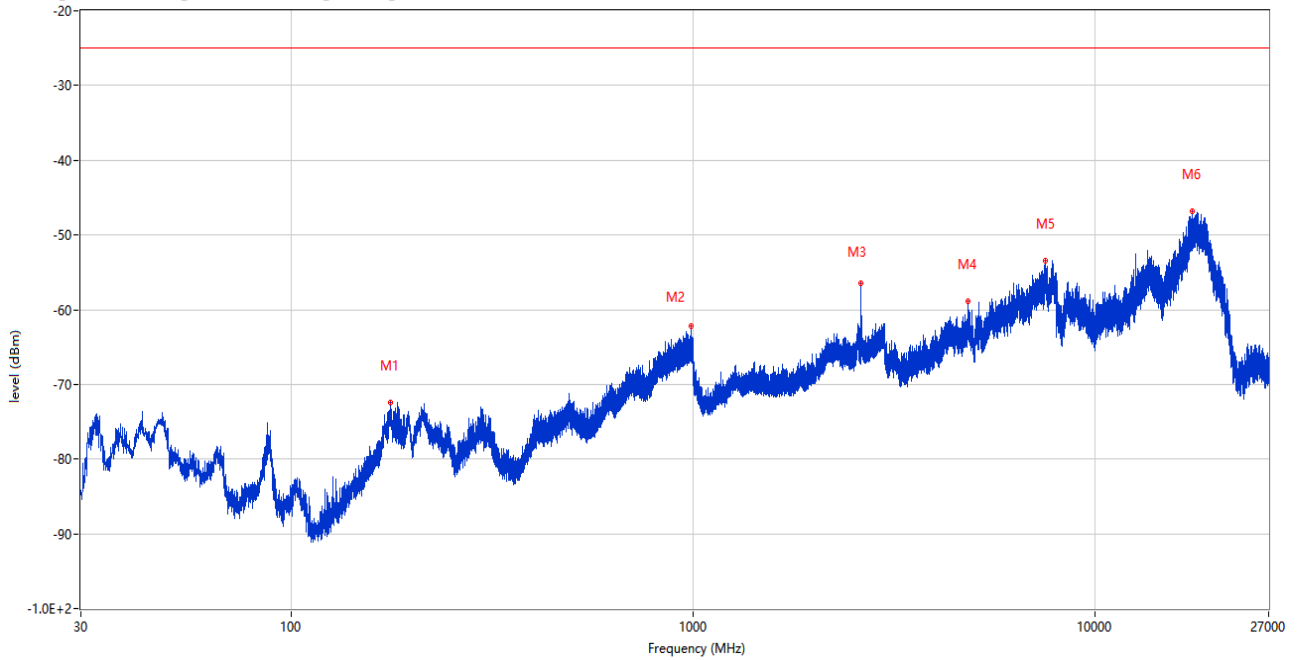
RSE (RF) \_FCC PART22&24&27\_LTE Band 38 & 41(mid) \_2570-2620\_30MHz-27GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
183.406	-71.10	-15.01	-25.0	46.10	267.00	Vertical	Vertical	Pass
962.218	-62.46	4.47	-25.0	37.46	165.00	Vertical	Vertical	Pass
2610.300	-51.76	-9.83	-25.0	26.76	301.00	Vertical	Vertical	N/A
4529.500	-59.46	-6.11	-25.0	34.46	299.00	Vertical	Vertical	Pass
7506.500	-53.55	-0.06	-25.0	28.55	289.00	Vertical	Vertical	Pass
17550.074	-46.62	11.14	-25.0	21.62	0.00	Vertical	Vertical	Pass

Band:LTE B38,Channel:High range,BW:20M

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

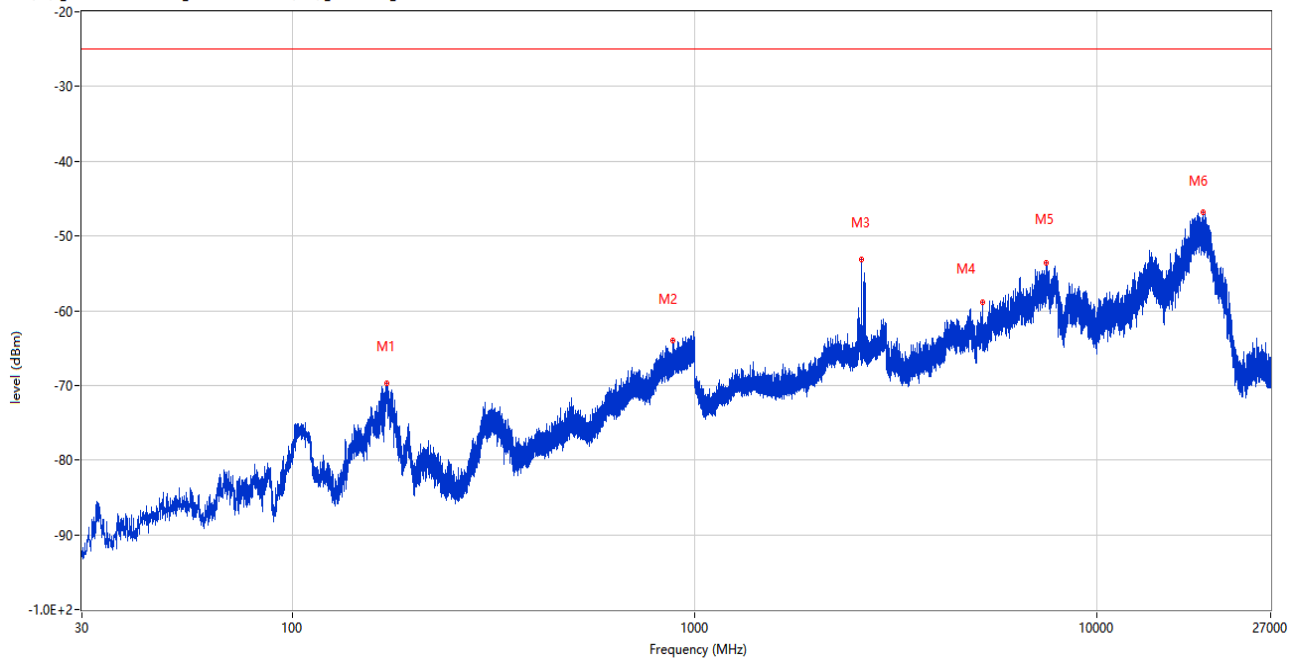


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
176.470	-72.47	-14.64	-25.0	47.47	316.00	Vertical	Horizontal	Pass
989.670	-62.17	5.16	-25.0	37.17	329.00	Vertical	Horizontal	Pass
2610.300	-56.51	-9.83	-25.0	31.51	85.00	Vertical	Horizontal	N/A
4820.500	-58.85	-6.24	-25.0	33.85	233.00	Vertical	Horizontal	Pass
7506.000	-53.40	-0.02	-25.0	28.40	280.00	Vertical	Horizontal	Pass
17471.850	-46.78	10.85	-25.0	21.78	142.00	Vertical	Horizontal	Pass

### 4.13 LTE Band 41

Band:LTE B41 Channel:MID range

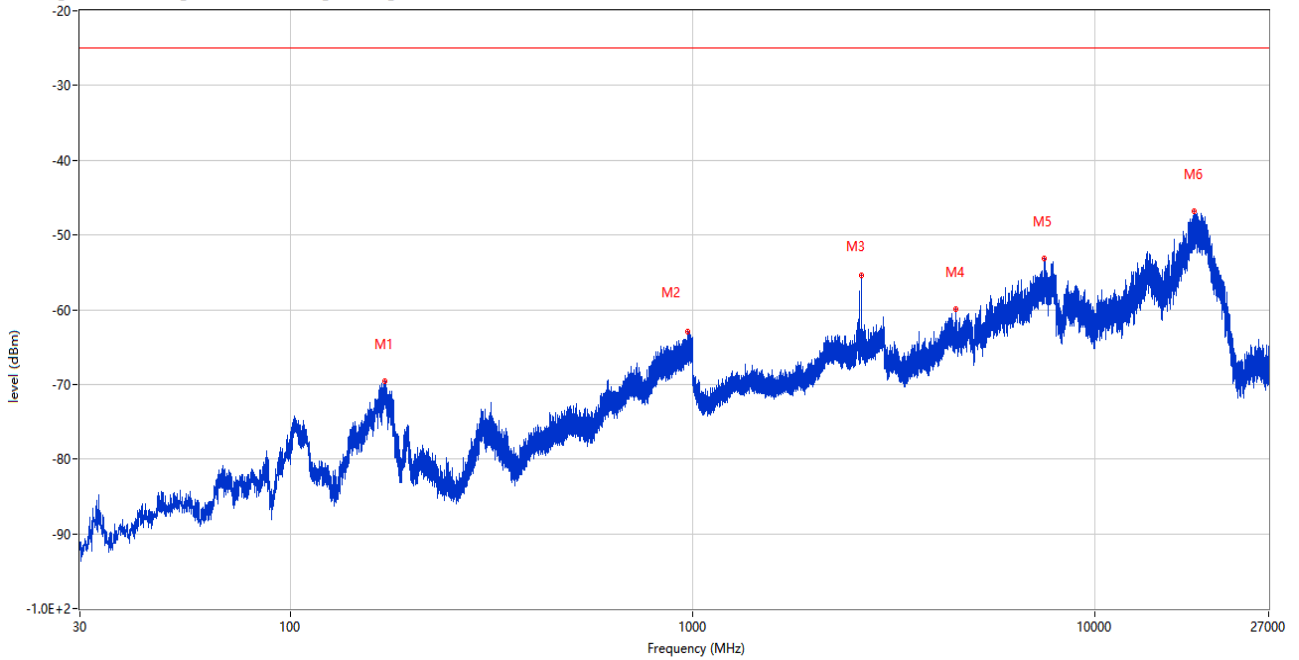
RSE (RF) \_FCC PART22&24&27\_LTE Band 38 & 41(mid)\_2570-2620\_30MHz-27GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
171.378	-69.69	-15.15	-25.0	44.69	163.00	Horizontal	Horizontal	Pass
884.085	-64.02	3.31	-25.0	39.02	360.00	Horizontal	Horizontal	Pass
2593.500	-53.14	-9.63	-25.0	28.14	5.00	Horizontal	Horizontal	N/A
5186.500	-58.88	-6.22	-25.0	33.88	0.00	Horizontal	Horizontal	Pass
7488.250	-53.61	0.86	-25.0	28.61	150.00	Horizontal	Horizontal	Pass
18328.500	-46.80	9.24	-25.0	21.80	152.00	Horizontal	Horizontal	Pass

Band:LTE B41 Channel:MID range

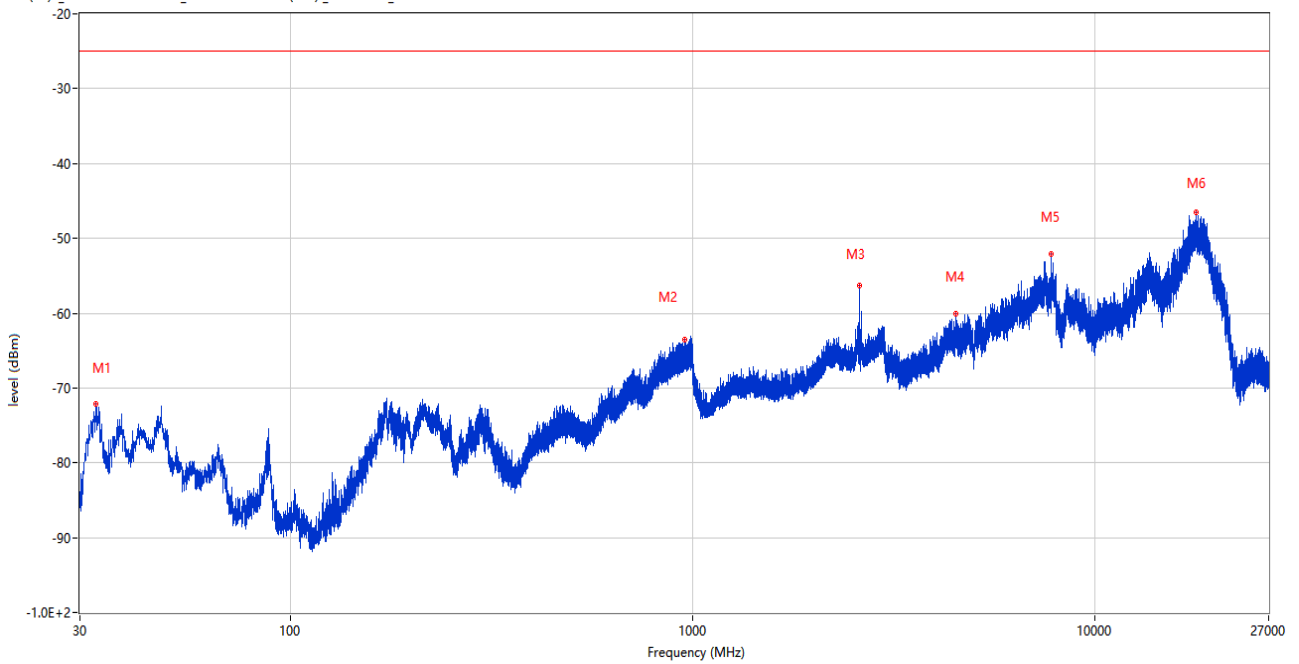
RSE (RF) \_FCC PART22&24&27\_LTE Band 38 & 41(mid)\_2570-2620\_30MHz-27GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
171.378	-69.58	-15.15	-25.0	44.58	173.00	Horizontal	Vertical	Pass
972.549	-62.93	4.78	-25.0	37.93	292.00	Horizontal	Vertical	Pass
2630.100	-55.42	-9.87	-25.0	30.42	177.00	Horizontal	Vertical	Pass
4503.000	-59.99	-5.78	-25.0	34.99	0.00	Horizontal	Vertical	Pass
7495.250	-53.14	0.68	-25.0	28.14	46.00	Horizontal	Vertical	Pass
17606.250	-46.83	10.70	-25.0	21.83	47.00	Horizontal	Vertical	Pass

Band:LTE B41 Channel:MID range

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

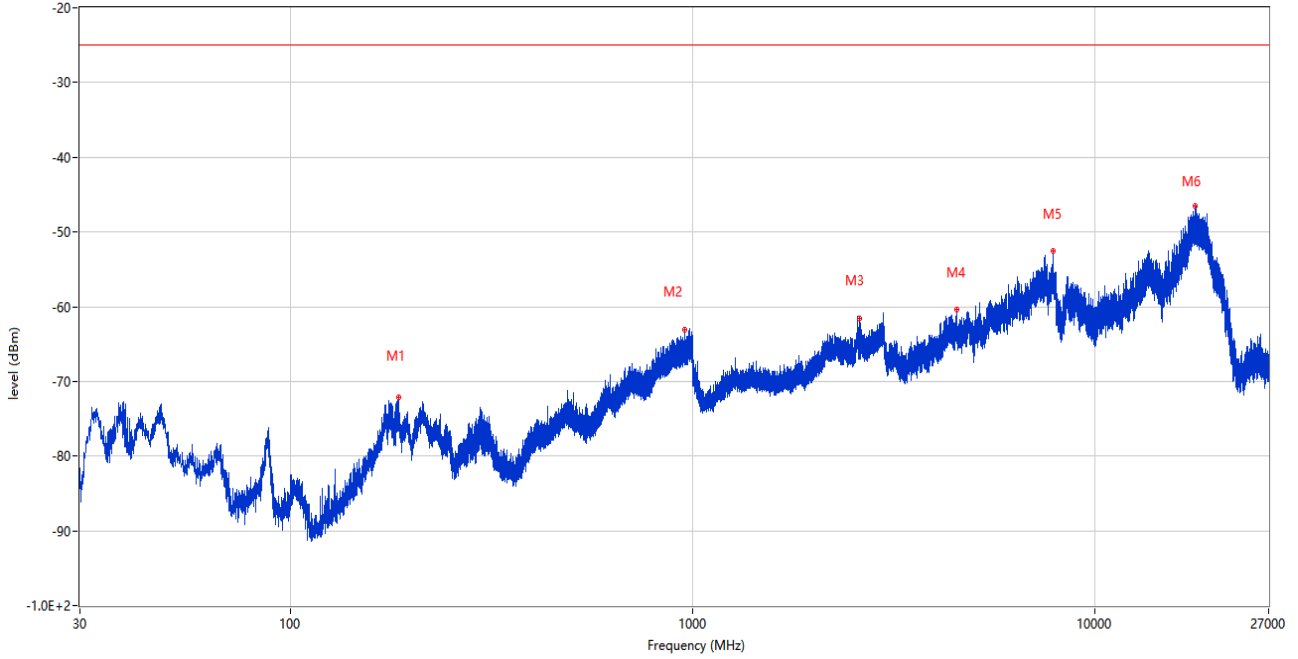


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
32.910	-72.12	-19.32	-25.0	47.12	64.00	Vertical	Vertical	Pass
952.906	-63.56	4.29	-25.0	38.56	208.00	Vertical	Vertical	Pass
2593.400	-56.32	-9.63	-25.0	31.32	255.00	Vertical	Vertical	N/A
4519.500	-60.04	-5.90	-25.0	35.04	354.00	Vertical	Vertical	Pass
7779.750	-52.12	-0.53	-25.0	27.12	150.00	Vertical	Vertical	Pass
17861.136	-46.47	10.83	-25.0	21.47	224.00	Vertical	Vertical	Pass



Band:LTE B41 Channel:MID range

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
185.540	-72.18	-15.04	-25.0	47.18	264.00	Vertical	Horizontal	Pass
957.320	-63.07	4.38	-25.0	38.07	63.00	Vertical	Horizontal	Pass
2593.500	-61.52	-9.63	-25.0	36.52	291.00	Vertical	Horizontal	N/A
4527.000	-60.45	-6.06	-25.0	35.45	140.00	Vertical	Horizontal	Pass
7850.500	-52.61	0.68	-25.0	27.61	46.00	Vertical	Horizontal	Pass
17687.626	-46.46	10.39	-25.0	21.46	277.00	Vertical	Horizontal	Pass

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