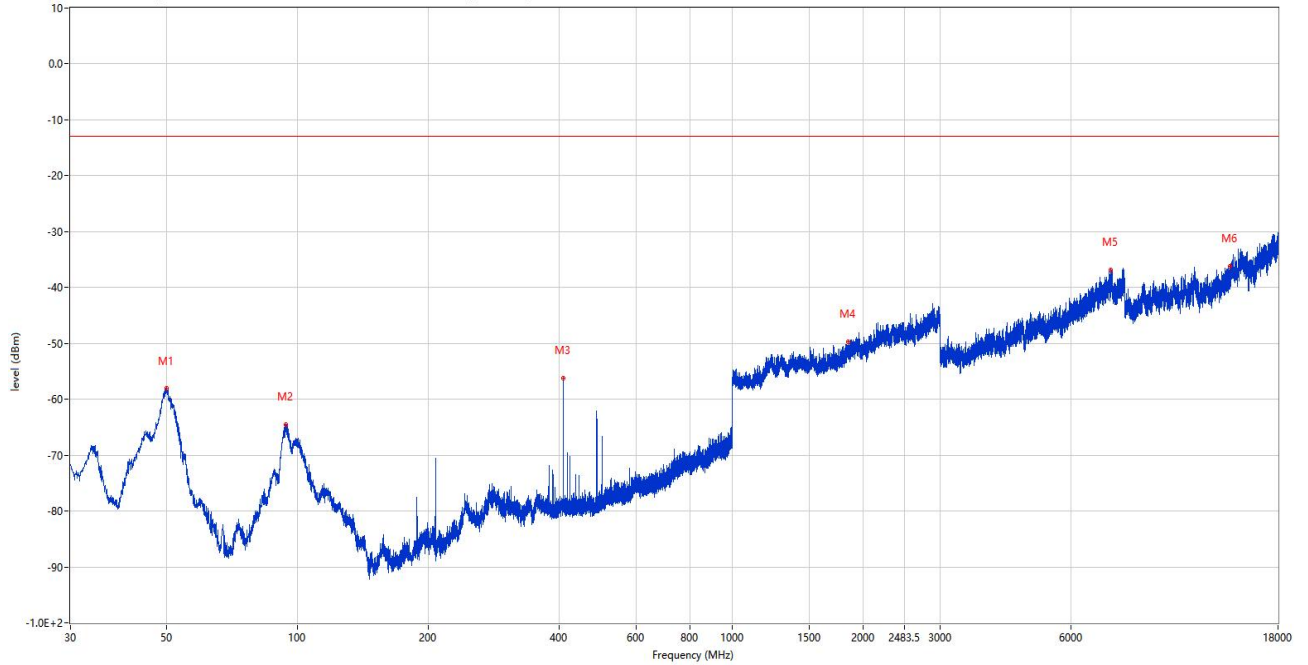

A.7 Field Strength of Spurious Radiation

1. Cat.M

1.1 Cat.M Band 2

Band:Cat.M B2

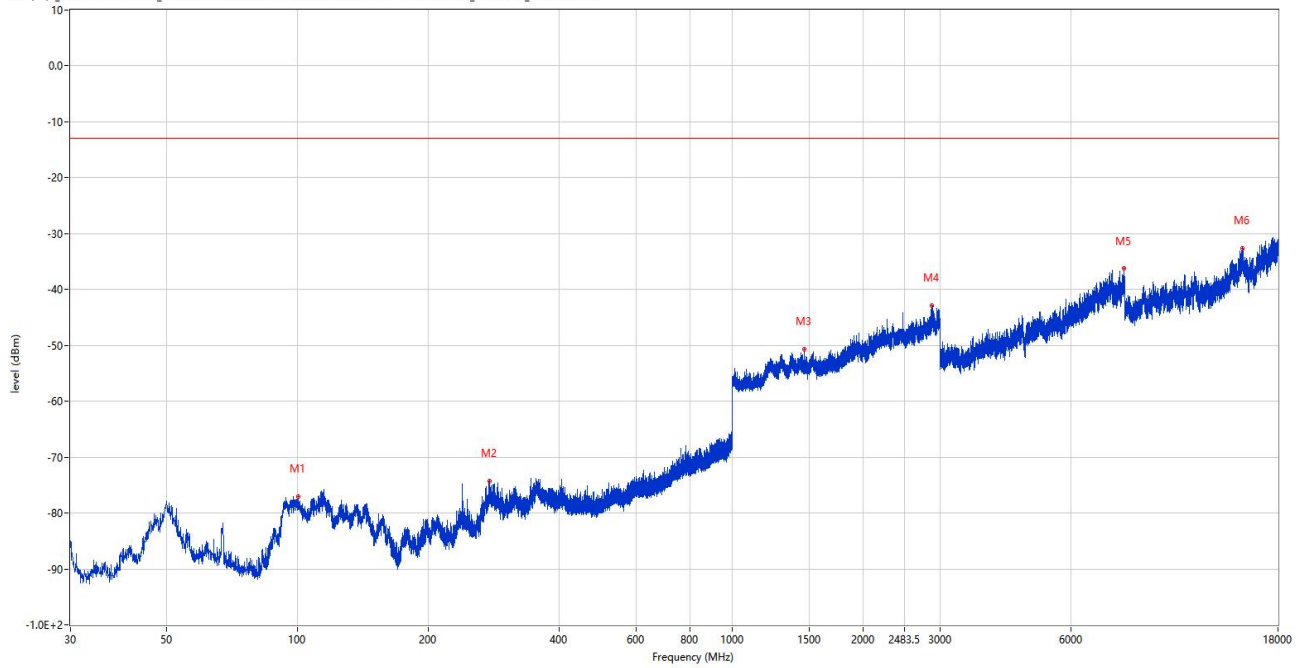
RSE (RF) _FCC PART22&24&27_GSM 1900 & CDMA BC1 & WCDMA Band 2 & LTE Band 2 & 25_1830-1920_30MHz-20GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
49.885	-58.06	-18.38	-13.0	45.06	0.00	Vertical	Vertical	Pass
93.874	-64.47	-19.42	-13.0	51.47	0.00	Vertical	Vertical	Pass
408.009	-56.26	-10.06	-13.0	43.26	343.00	Vertical	Vertical	Pass
1846.800	-49.76	2.90	-13.0	36.76	77.00	Vertical	Vertical	Pass
7416.500	-36.86	17.54	-13.0	23.86	0.00	Vertical	Vertical	Pass
13984.000	-36.18	20.62	-13.0	23.18	283.00	Vertical	Vertical	Pass

Band:Cat.M B2

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

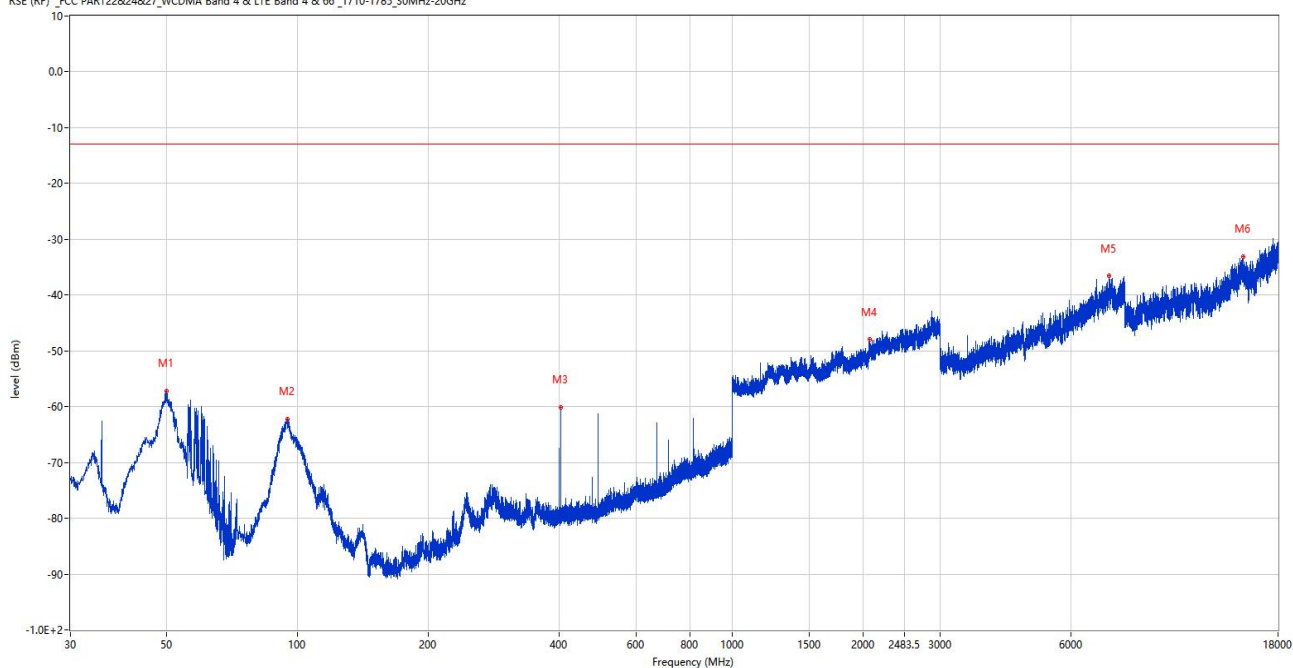


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
100.131	-77.00	-19.00	-13.0	64.00	256.00	Horizontal	Vertical	Pass
276.671	-74.25	-13.71	-13.0	61.25	229.00	Horizontal	Vertical	Pass
1465.100	-50.68	0.66	-13.0	37.68	141.00	Horizontal	Vertical	Pass
2879.500	-42.83	9.57	-13.0	29.83	215.00	Horizontal	Vertical	Pass
7956.750	-36.28	18.45	-13.0	23.28	344.00	Horizontal	Vertical	Pass
14887.999	-32.65	23.84	-13.0	19.65	335.00	Horizontal	Vertical	Pass

1.2 Cat.M Band 4

Band:Cat.M B4

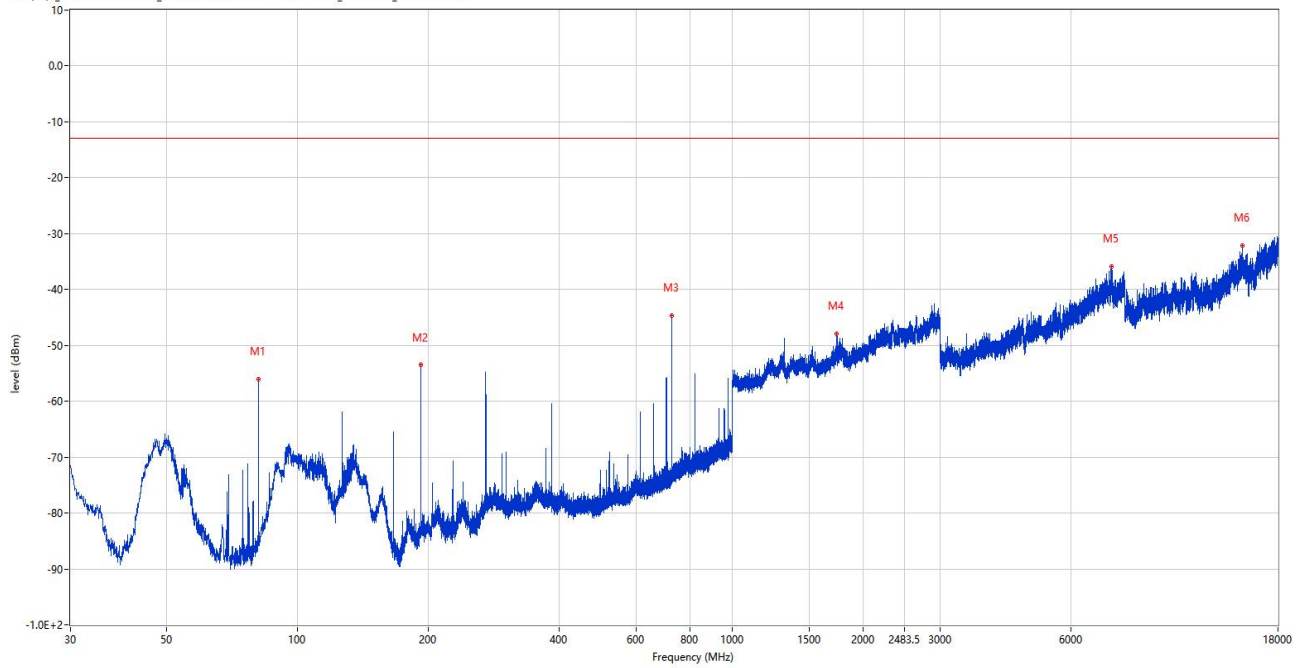
RSE (RF) _FCC PART22&24&27_WCDMA Band 4 & LTE Band 4 & 66_1710-1785_30MHz-20GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
49.837	-57.14	-18.38	-13.0	44.14	80.00	Vertical	Vertical	Pass
94.699	-62.20	-19.37	-13.0	49.20	269.00	Vertical	Vertical	Pass
402.480	-60.06	-10.36	-13.0	47.06	347.00	Vertical	Vertical	Pass
2065.700	-47.99	4.29	-13.0	34.99	197.00	Vertical	Vertical	Pass
7341.000	-36.60	16.79	-13.0	23.60	286.00	Vertical	Vertical	Pass
14974.687	-33.10	22.92	-13.0	20.10	127.00	Vertical	Vertical	Pass

Band:Cat.M B4

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

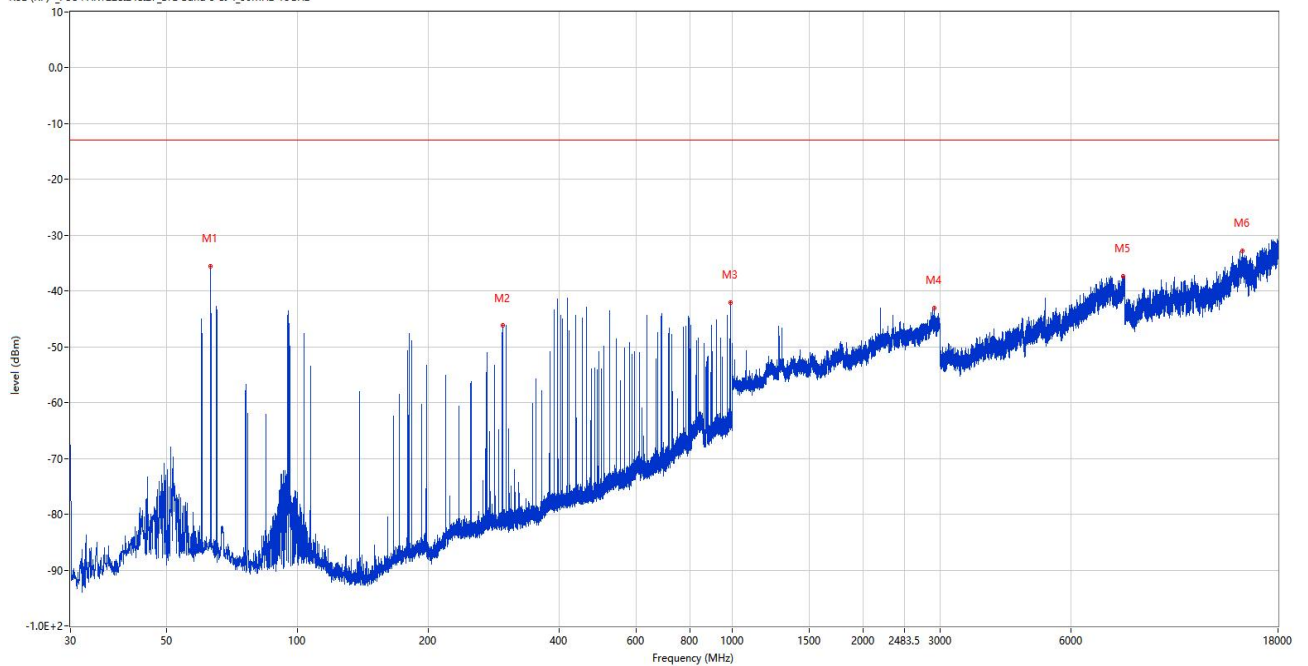


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
81.168	-56.06	-20.05	-13.0	43.06	298.00	Horizontal	Vertical	Pass
192.184	-53.53	-17.55	-13.0	40.53	298.00	Horizontal	Vertical	Pass
724.326	-44.63	-3.09	-13.0	31.63	265.00	Horizontal	Vertical	Pass
1739.900	-47.90	2.64	-13.0	34.90	19.00	Horizontal	Vertical	Pass
7445.500	-35.93	17.32	-13.0	22.93	321.00	Horizontal	Vertical	Pass
14900.138	-32.09	23.93	-13.0	19.09	349.00	Horizontal	Vertical	Pass

1.3 Cat.M Band 5

Band:Cat.M B5

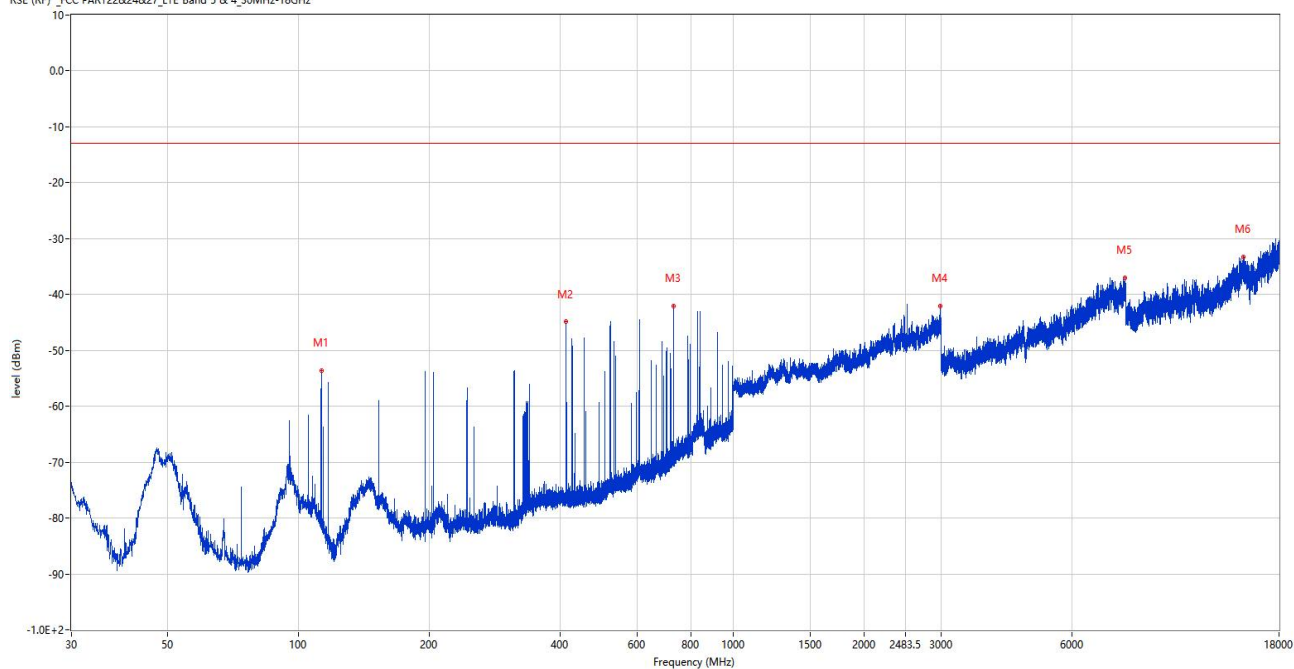
RSE (RF) _FCC PART22&24&27_LTE Band 5 & 4_30MHz-18GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
63.029	-35.54	-15.74	-13.0	22.54	340.00	Vertical	Vertical	Pass
295.926	-46.20	-11.26	-13.0	33.20	279.00	Vertical	Vertical	Pass
990.106	-42.08	7.66	-13.0	29.08	340.00	Vertical	Vertical	Pass
2919.000	-43.09	10.36	-13.0	30.09	95.00	Vertical	Vertical	Pass
7915.250	-37.33	18.04	-13.0	24.33	72.00	Vertical	Vertical	Pass
14878.875	-32.73	23.77	-13.0	19.73	244.00	Vertical	Vertical	Pass

Band:Cat.M B5

RSE (RF) _FCC PART22&24&27_LTE Band 5 & 4_30MHz-18GHz

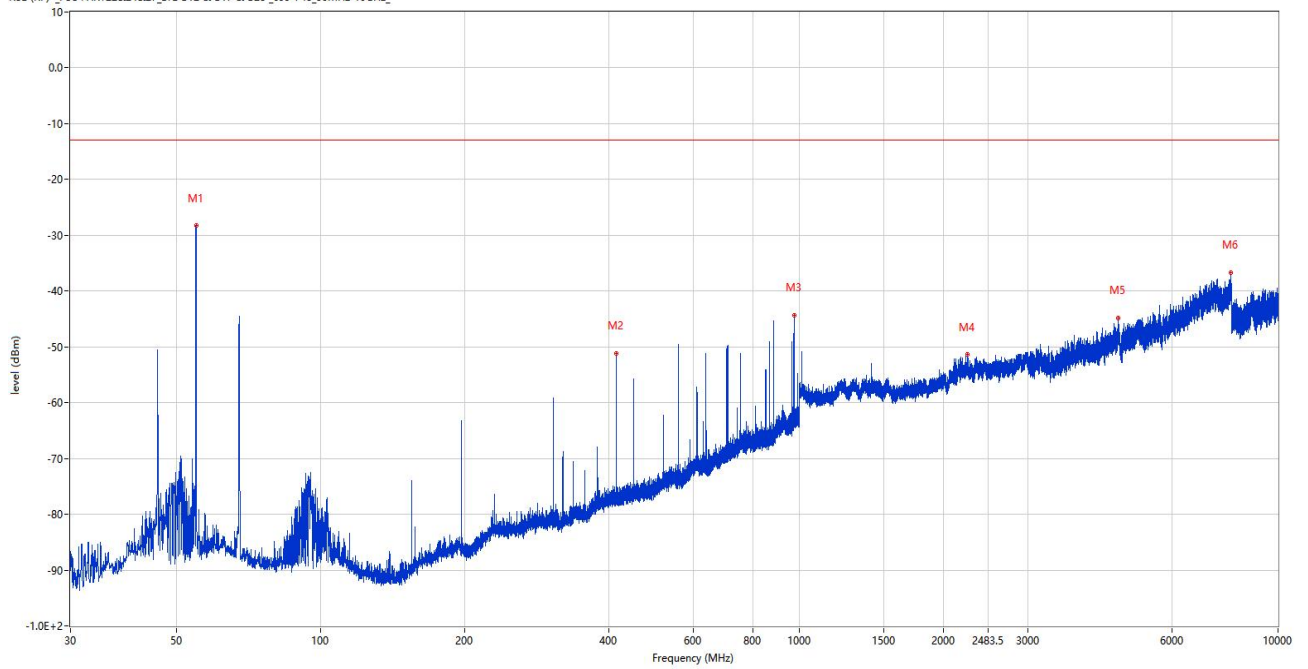


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
112.644	-53.61	-18.60	-13.0	40.61	342.00	Horizontal	Vertical	Pass
412.616	-44.90	-7.38	-13.0	31.90	342.00	Horizontal	Vertical	Pass
727.915	-42.06	1.41	-13.0	29.06	273.00	Horizontal	Vertical	Pass
2993.900	-42.11	10.30	-13.0	29.11	220.00	Horizontal	Vertical	Pass
7955.500	-36.96	18.40	-13.0	23.96	2.00	Horizontal	Vertical	Pass
14888.325	-33.31	23.84	-13.0	20.31	191.00	Horizontal	Vertical	Pass

1.4 Cat.M Band 12

Band:Cat.M B12

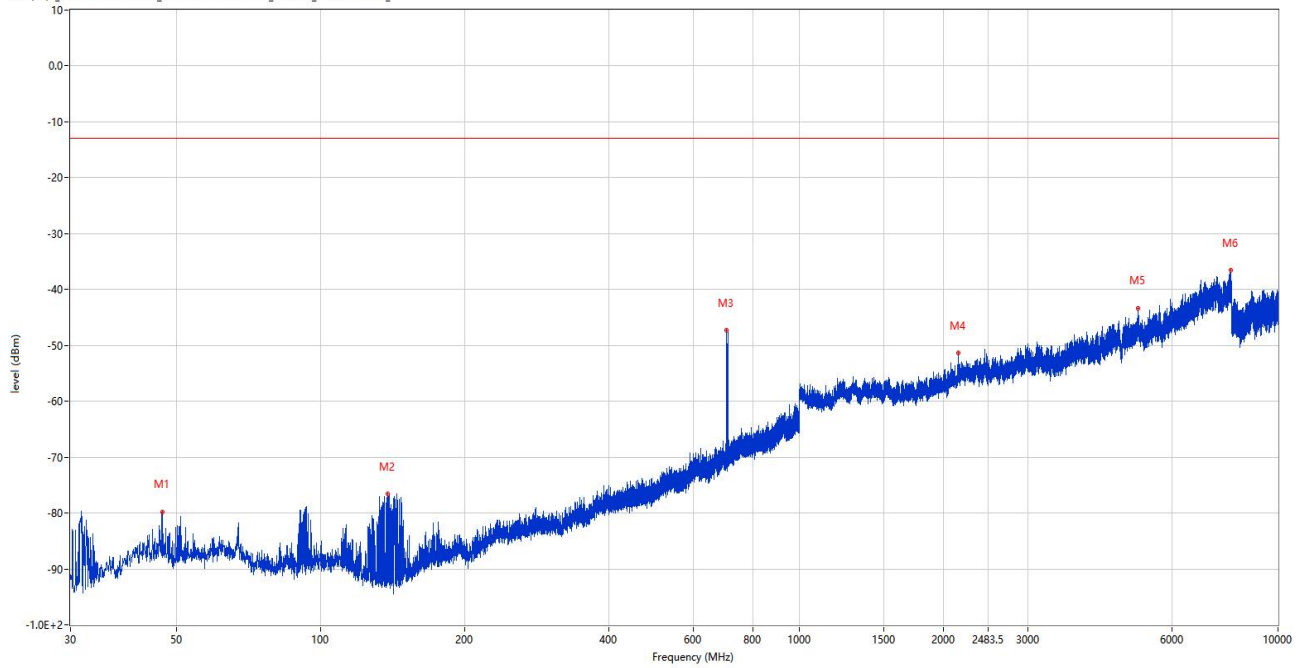
RSE (RF) _FCC PART22&24&27_LTE B12 & B17 & B28_699-746_30MHz-10GHz_



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
54.880	-28.22	-16.61	-13.0	15.22	347.00	Vertical	Vertical	Pass
414.847	-51.22	-7.26	-13.0	38.22	347.00	Vertical	Vertical	Pass
977.351	-44.37	7.45	-13.0	31.37	332.00	Vertical	Vertical	Pass
2244.500	-51.38	0.79	-13.0	38.38	337.00	Vertical	Vertical	Pass
4635.750	-44.77	10.03	-13.0	31.77	108.00	Vertical	Vertical	Pass
7962.500	-36.74	18.68	-13.0	23.74	252.00	Vertical	Vertical	Pass

Band:Cat.M B12

RSE (RF) _FCC PART22&24&27_LTE B12 & B17 & B28 _699-748_30MHz-10GHz_

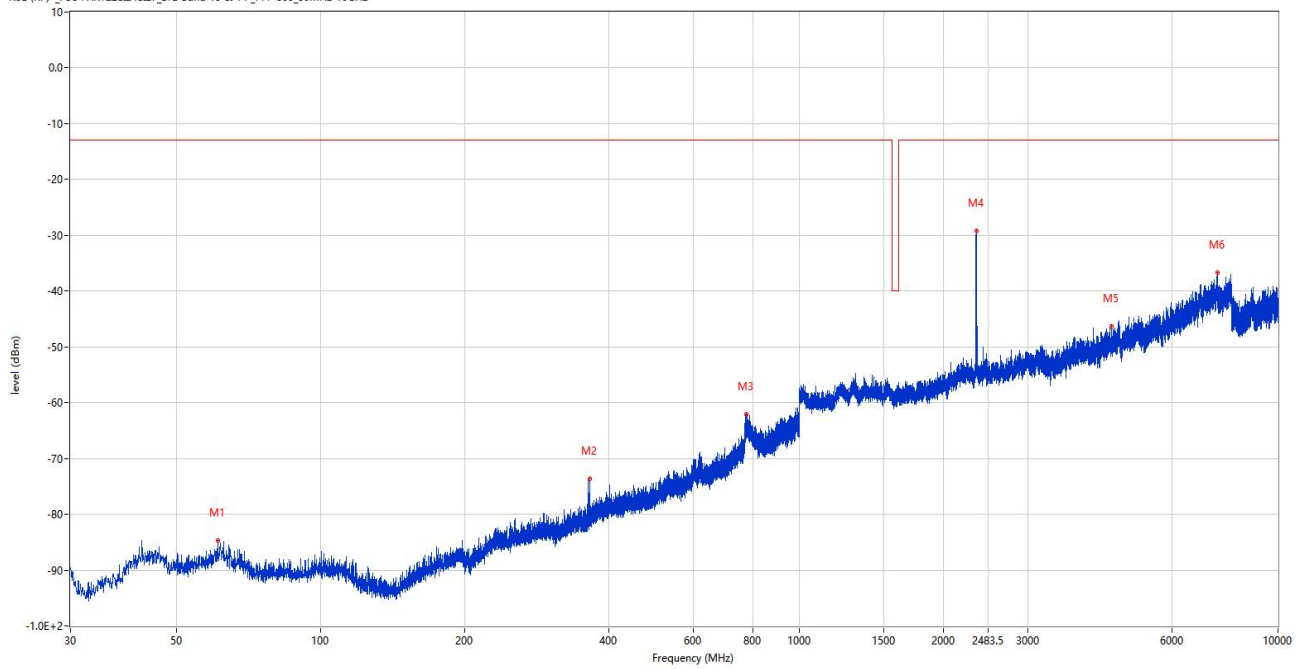


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
46.636	-79.88	-16.49	-13.0	66.88	288.00	Horizontal	Vertical	Pass
137.913	-76.59	-21.54	-13.0	63.59	324.00	Horizontal	Vertical	Pass
705.314	-47.36	1.36	-13.0	34.36	144.00	Horizontal	Vertical	N/A
2150.100	-51.43	0.12	-13.0	38.43	36.00	Horizontal	Vertical	Pass
5090.250	-43.41	11.03	-13.0	30.41	252.00	Horizontal	Vertical	Pass
7958.000	-36.60	18.49	-13.0	23.60	216.00	Horizontal	Vertical	Pass

1.5 Cat.M Band 13

Band:Cat.M B13

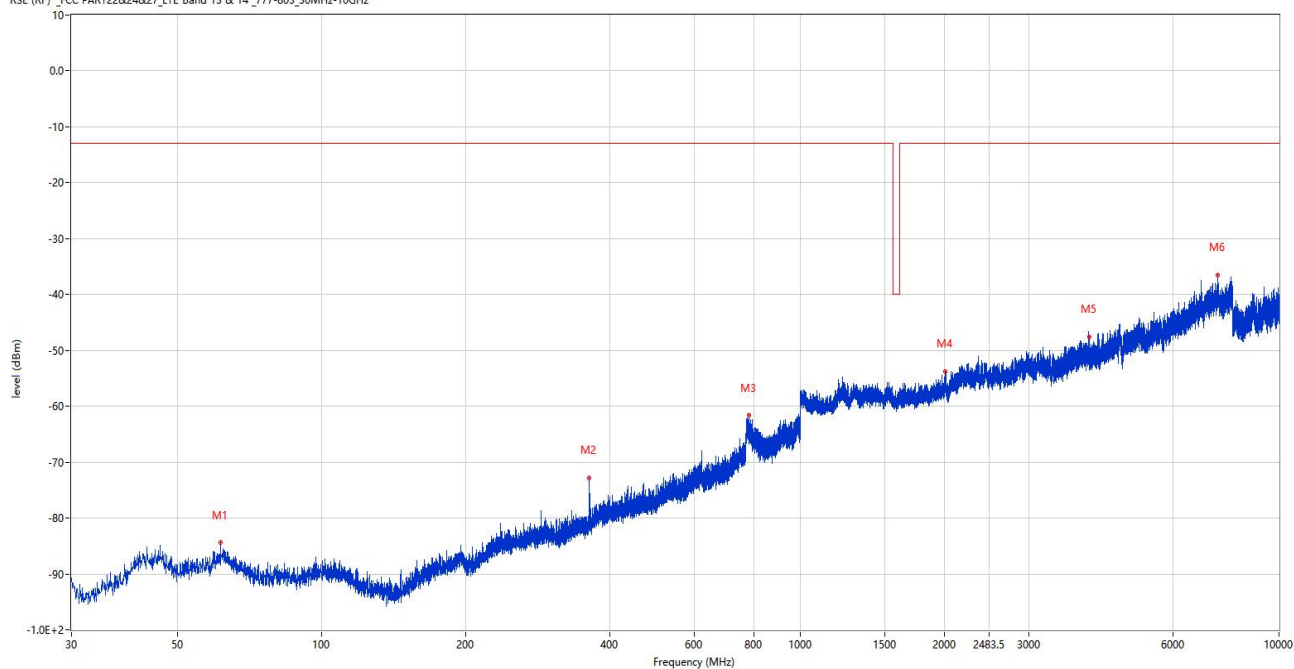
RSE (RF) _FCC PART22&24&27_LTE Band 13 & 14 _777-803_30MHz-10GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
60.895	-84.67	-15.67	-13.0	71.67	216.00	Vertical	Vertical	Pass
364.698	-73.63	-9.39	-13.0	60.63	288.00	Vertical	Vertical	Pass
774.233	-62.04	6.88	-13.0	49.04	324.00	Vertical	Vertical	Pass
2344.700	-29.17	1.23	-13.0	16.17	36.00	Vertical	Vertical	Pass
4492.500	-46.24	9.25	-13.0	33.24	108.00	Vertical	Vertical	Pass
7474.250	-36.62	18.10	-13.0	23.62	144.00	Vertical	Vertical	Pass

Band:Cat.M B13

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

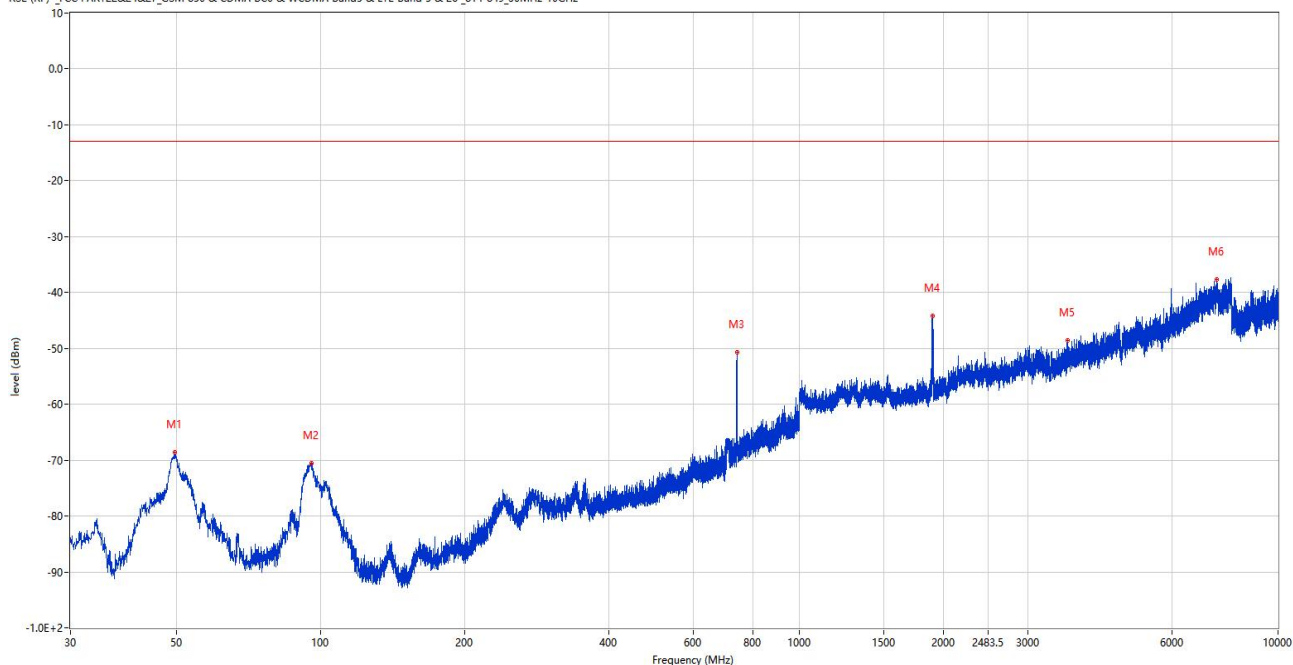


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
61.477	-84.44	-15.54	-13.0	71.44	324.00	Horizontal	Vertical	Pass
362.565	-72.83	-9.75	-13.0	59.83	324.00	Horizontal	Vertical	Pass
779.956	-61.59	6.60	-13.0	48.59	36.00	Horizontal	Vertical	Pass
2010.900	-53.78	-1.42	-13.0	40.78	360.00	Horizontal	Vertical	Pass
4013.000	-47.68	7.89	-13.0	34.68	144.00	Horizontal	Vertical	Pass
7460.750	-36.54	17.50	-13.0	23.54	108.00	Horizontal	Vertical	Pass

1.6 Cat.M Band 17

Band:Cat.M B17

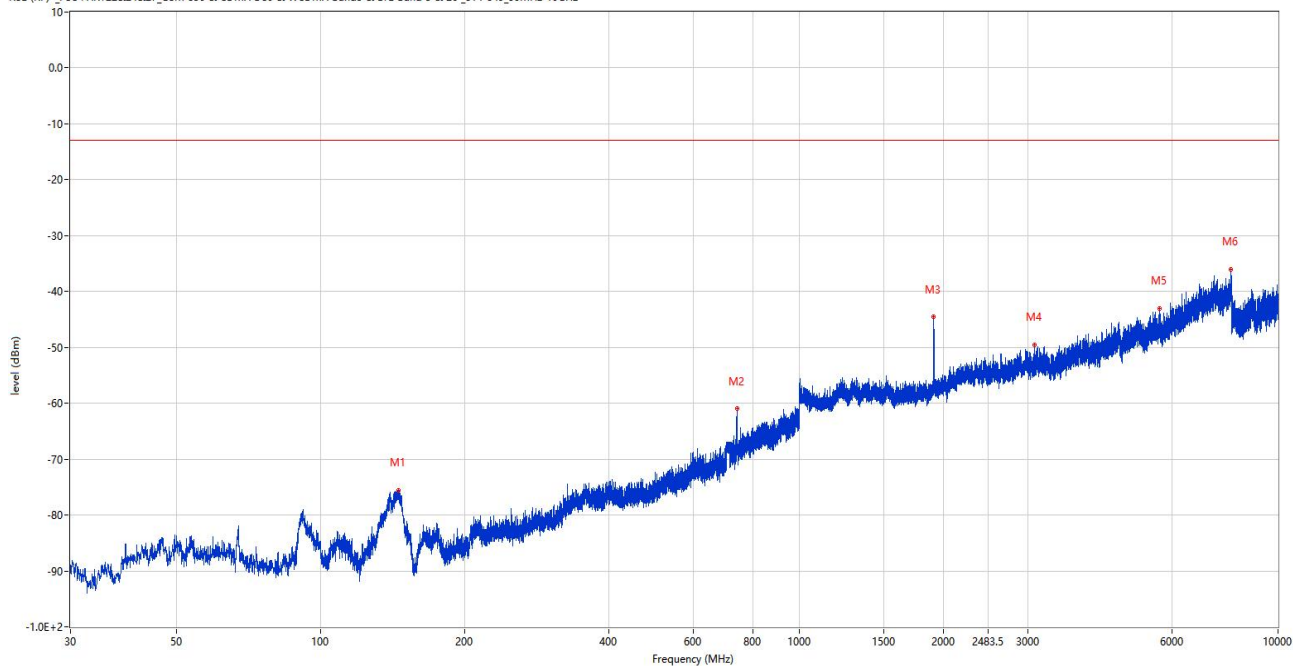
RSE (RF) _FCC PART22&24&27_GSM 850 & CDMA BC0 & WCDMA Band5 & LTE Band 5 & 26_814-849_30MHz-10GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
49.497	-68.65	-17.52	-13.0	55.65	180.00	Vertical	Vertical	Pass
95.669	-70.53	-18.04	-13.0	57.53	288.00	Vertical	Vertical	Pass
740.331	-50.65	2.69	-13.0	37.65	180.00	Vertical	Vertical	N/A
1896.800	-44.18	-2.92	-13.0	31.18	288.00	Vertical	Vertical	Pass
3631.500	-48.52	7.57	-13.0	35.52	252.00	Vertical	Vertical	Pass
7455.500	-37.69	17.43	-13.0	24.69	72.00	Vertical	Vertical	Pass

Band:Cat.M B17

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

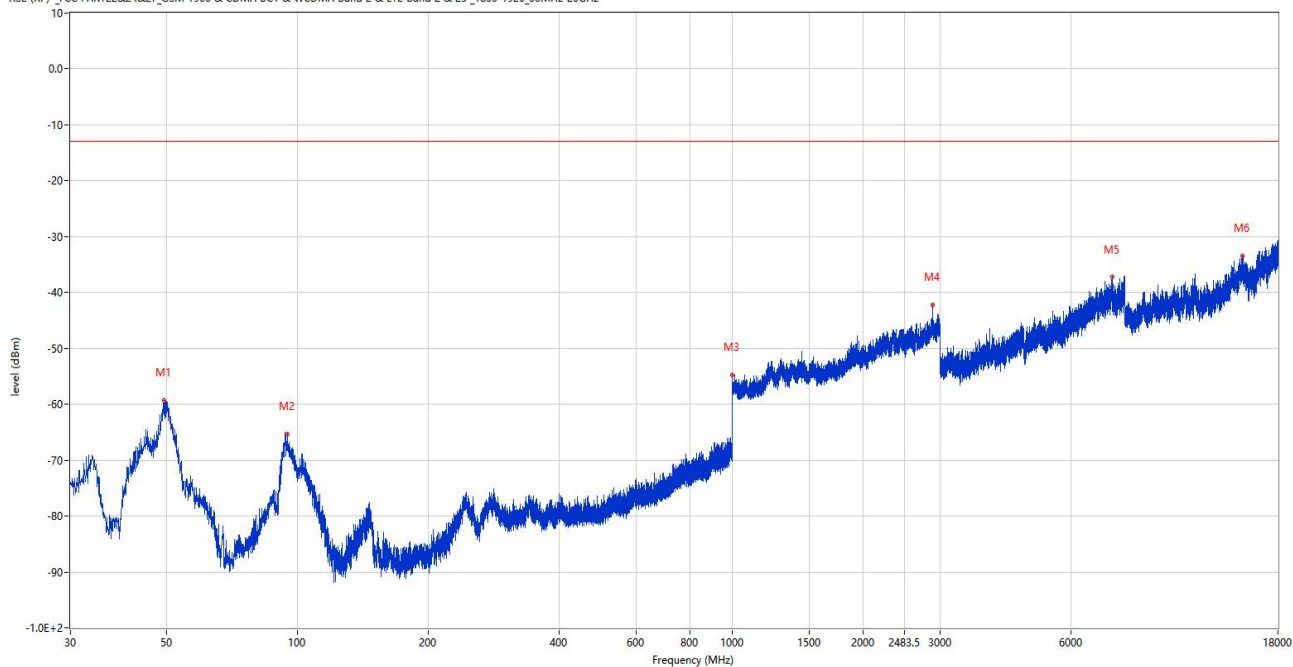


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
145.478	-75.53	-21.17	-13.0	62.53	216.00	Horizontal	Vertical	Pass
740.331	-61.02	2.69	-13.0	48.02	252.00	Horizontal	Vertical	N/A
1909.300	-44.58	-2.80	-13.0	31.58	288.00	Horizontal	Vertical	Pass
3093.500	-49.55	4.39	-13.0	36.55	144.00	Horizontal	Vertical	Pass
5657.500	-43.02	11.40	-13.0	30.02	180.00	Horizontal	Vertical	Pass
7968.500	-36.00	18.70	-13.0	23.00	216.00	Horizontal	Vertical	Pass

1.7 Cat.M Band 25

Band:Cat.M B25

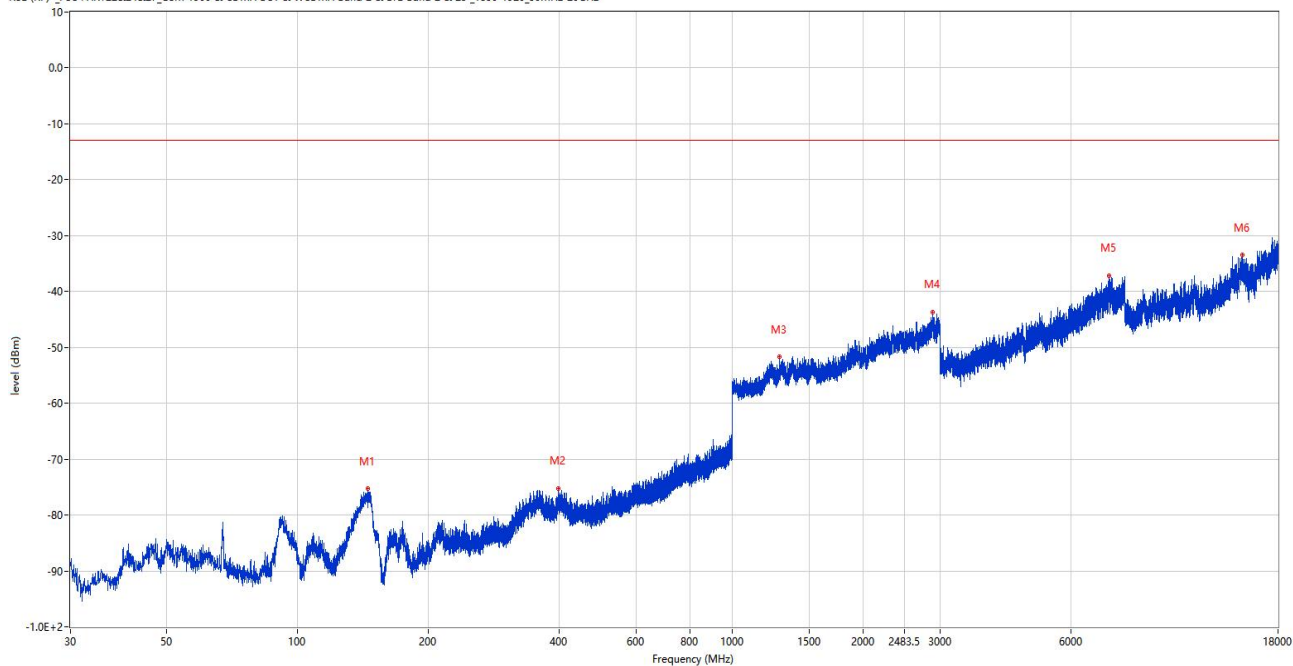
RSE (RF) _FCC PART22&24&27_GSM 1900 & CDMA BC1 & WCDMA Band 2 & LTE Band 2 & 25_1830-1920_30MHz-20GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
49.352	-59.25	-18.40	-13.0	46.25	108.00	Vertical	Vertical	Pass
94.893	-65.32	-19.36	-13.0	52.32	180.00	Vertical	Vertical	Pass
1001.000	-54.71	-1.11	-13.0	41.71	144.00	Vertical	Vertical	Pass
2890.000	-42.17	11.69	-13.0	29.17	36.00	Vertical	Vertical	Pass
7473.250	-37.27	18.15	-13.0	24.27	216.00	Vertical	Vertical	Pass
14889.500	-33.41	23.85	-13.0	20.41	360.00	Vertical	Vertical	Pass

Band:Cat.M B25

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

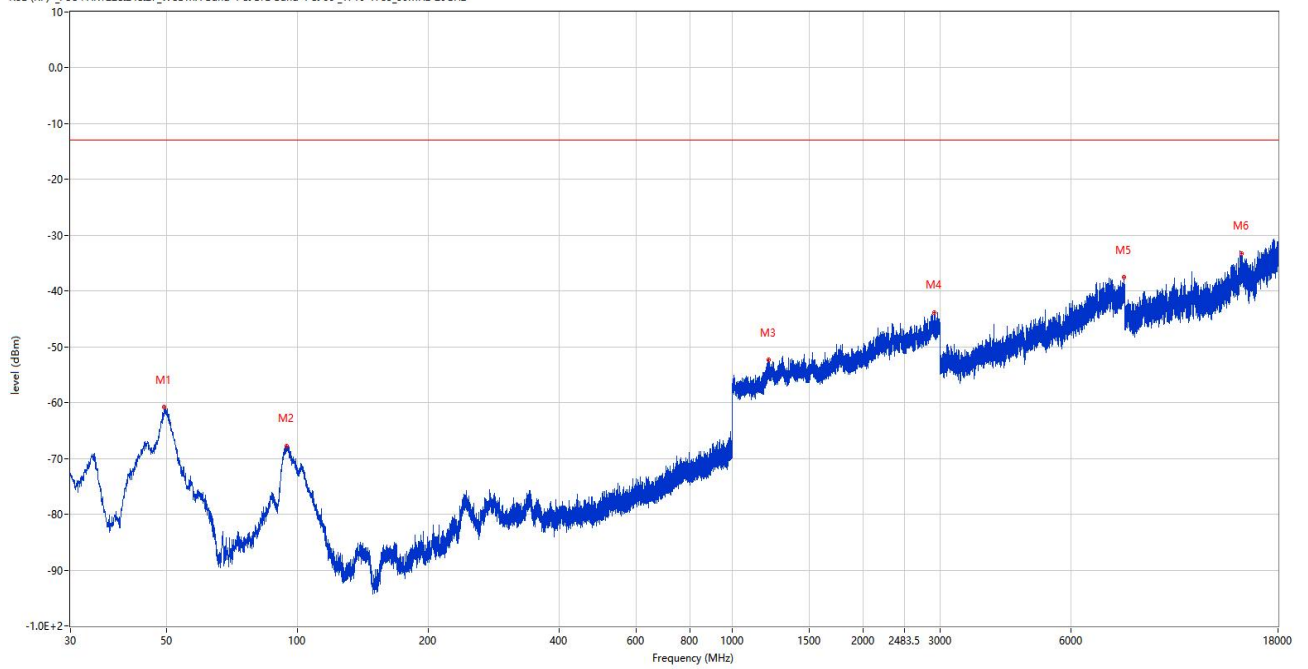


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
145.042	-75.31	-22.97	-13.0	62.31	180.00	Horizontal	Vertical	Pass
397.873	-75.24	-10.54	-13.0	62.24	144.00	Horizontal	Vertical	Pass
1284.900	-51.74	0.64	-13.0	38.74	324.00	Horizontal	Vertical	Pass
2889.800	-43.70	11.65	-13.0	30.70	252.00	Horizontal	Vertical	Pass
7351.500	-37.22	17.38	-13.0	24.22	180.00	Horizontal	Vertical	Pass
14910.500	-33.45	23.84	-13.0	20.45	36.00	Horizontal	Vertical	Pass

1.8 Cat.M Band 66

Band:Cat.M B66

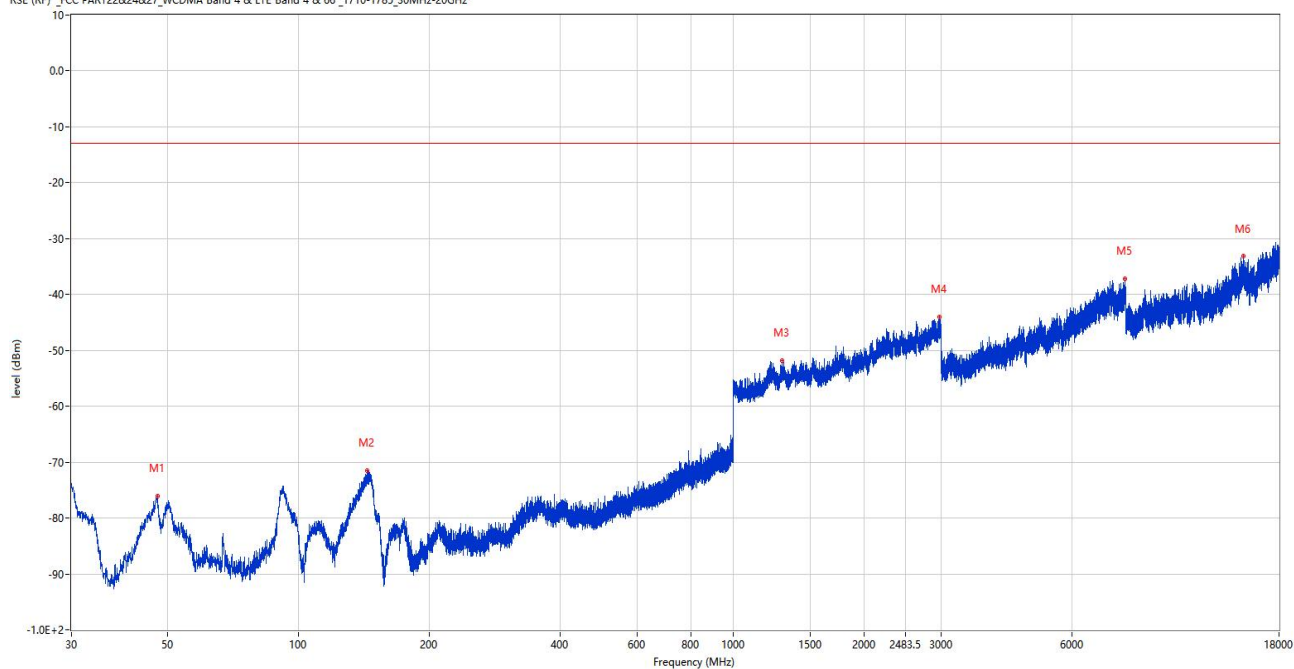
RSE (RF) _FCC PART22&24&27_WCDMA Band 4 & LTE Band 4 & 66_1710-1785_30MHz-20GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
49.352	-60.85	-18.40	-13.0	47.85	360.00	Vertical	Vertical	Pass
94.408	-67.73	-19.39	-13.0	54.73	144.00	Vertical	Vertical	Pass
1209.700	-52.38	0.72	-13.0	39.38	288.00	Vertical	Vertical	Pass
2913.000	-43.87	10.31	-13.0	30.87	180.00	Vertical	Vertical	Pass
7960.250	-37.57	18.64	-13.0	24.57	36.00	Vertical	Vertical	Pass
14825.588	-33.36	23.33	-13.0	20.36	288.00	Vertical	Vertical	Pass

Band:Cat.M B66

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
47.315	-76.05	-17.77	-13.0	63.05	180.00	Horizontal	Vertical	Pass
143.975	-71.54	-22.97	-13.0	58.54	108.00	Horizontal	Vertical	Pass
1296.500	-51.80	1.55	-13.0	38.80	180.00	Horizontal	Vertical	Pass
2974.100	-43.99	10.35	-13.0	30.99	180.00	Horizontal	Vertical	Pass
7952.750	-37.13	18.25	-13.0	24.13	180.00	Horizontal	Vertical	Pass
14905.125	-33.19	23.89	-13.0	20.19	360.00	Horizontal	Vertical	Pass

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