

Field Strength of Spurious Radiation

LTE Mode Test Verdict

Test Band	Test Bandwidth	UL Channel	UL RB Number	UL RB Position	UL Modulation	Verdict
Band 48	56715	5	1	12	QPSK	Pass

LTE CA Mode Test Verdict

Test Band	Test Bandwidth	UL Channel	UL RB Number	UL RB Position	UL Modulation	Verdict
Band 48B	10+10	56591 56690	1 1	High Low	QPSK	Pass
Band 48C	20+5	56590 56707	1 1	High Low	QPSK	Pass

NR Mode Test Verdict

Test Band	UL Channel	NR Test Bandwidth (MHz)	SCS(kHz)	UL OFDM	NR UL RB No.	NR UL RB Pos.	UL Modulation	Verdict
n48	641666	10	30	DFT-s-OFDM	1	22	QPSK	Pass

ENDC Mode Test Verdict

EN-DC Configuration		DC_2A_n48A
NR Cell	Band	n48
	SCS (kHz)	30
	Bandwidth (MHz)	10
	DL Channel	637000
	Modulation	QPSK
E-UTRA Cell	Band	Band2
	Bandwidth (MHz)	5
	DL Channel	900
	Modulation	QPSK
Verdict		Pass

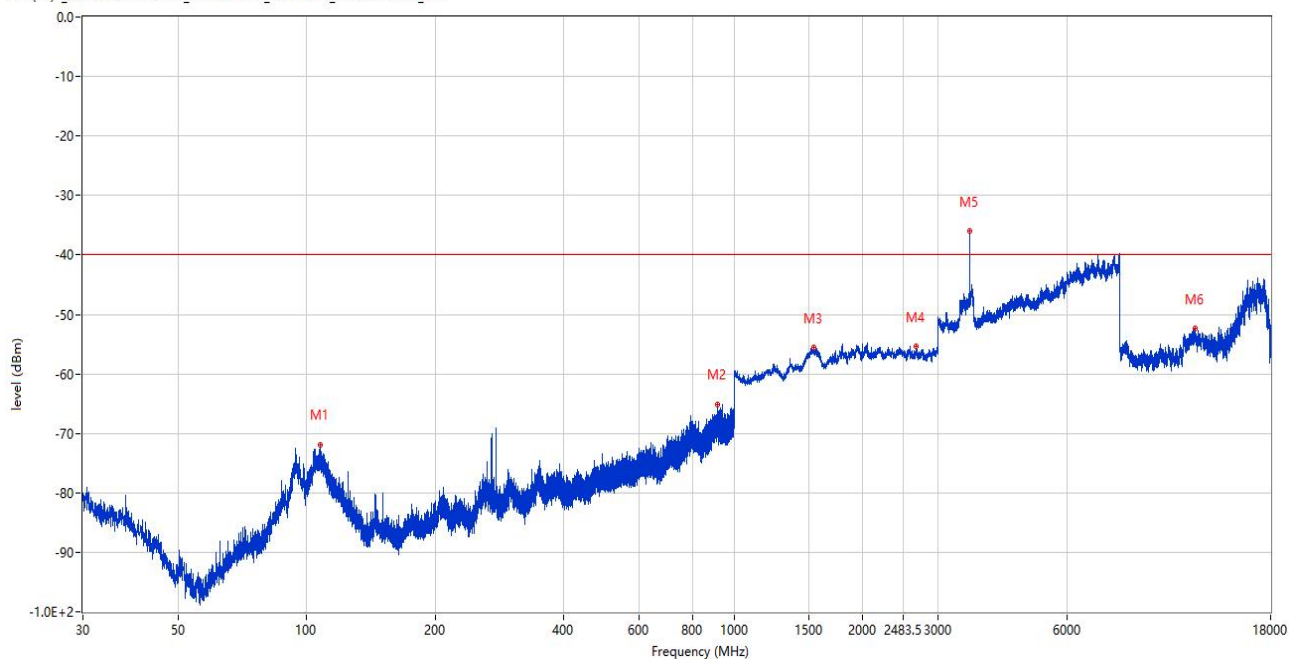
UL MIMO Mode Test Verdict

Test Band	UL Channel	NR Test Bandwidth (MHz)	SCS(kHz)	UL OFDM	NR UL RB No. and Pos.	UL Modulation	Verdict
n48	638000	40	30	CP_OFDM	Inner Full	QPSK	Pass

1.1 LTE Band 48

Band:LTE B48

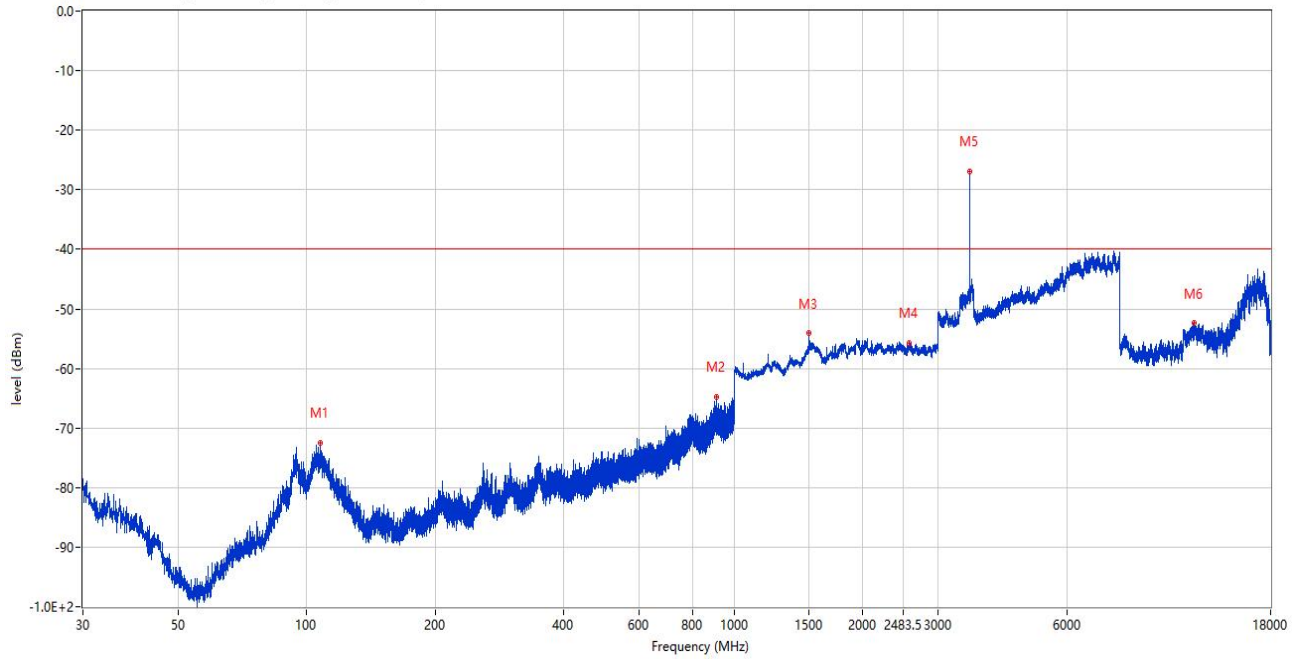
RSE (RF) _FCC PART22&24&27_LTE Band 48 _3550-3700_30MHz-37GHz_FCC



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
107.454	-71.89	-1.32	-40.0	31.89	144.00	Vertical	Horizontal	Pass
913.524	-65.14	5.42	-40.0	25.14	180.00	Vertical	Horizontal	Pass
1534.500	-55.56	5.98	-40.0	15.56	252.00	Vertical	Horizontal	Pass
2663.000	-55.43	7.59	-40.0	15.43	216.00	Vertical	Horizontal	Pass
3552.500	-35.99	17.19	-40.0	-4.01	324.00	Vertical	Horizontal	N/A
11960.075	-52.39	19.91	-40.0	12.39	144.00	Vertical	Horizontal	Pass

Band:LTE B48

RSE (RF) _FCC PART22&24&27_LTE Band 48 _3550-3700_30MHz-37GHz_FCC

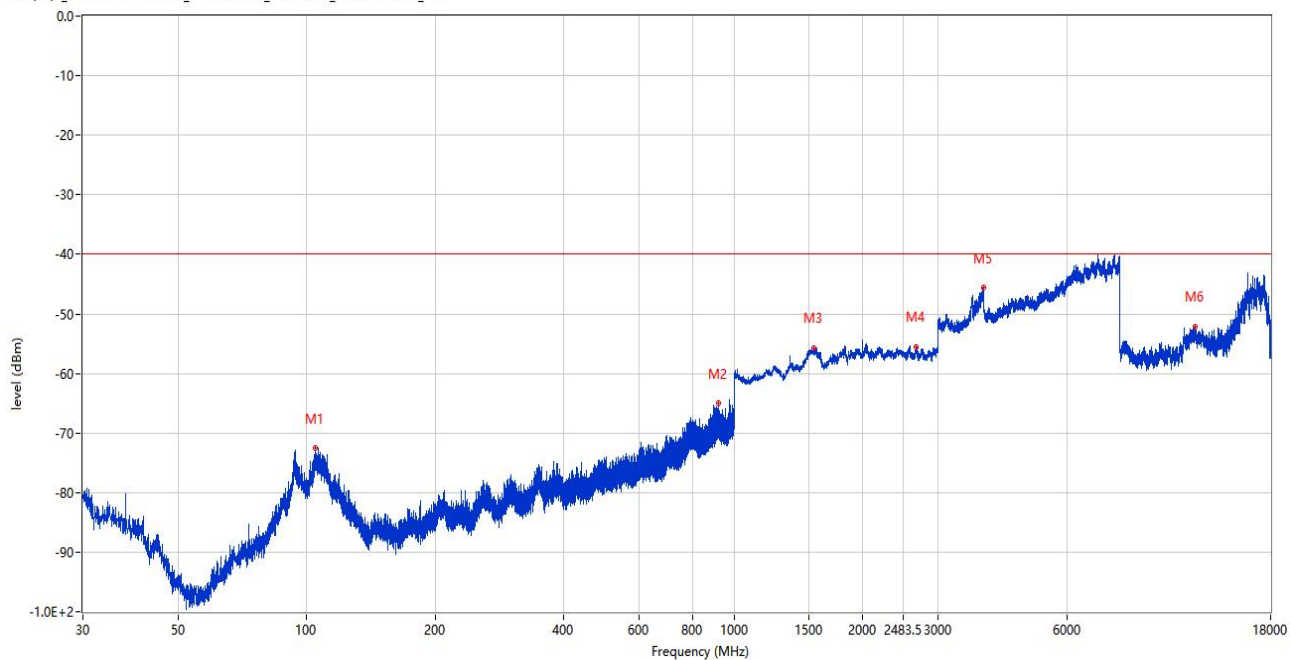


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
107.988	-72.46	-1.37	-40.0	32.46	360.00	Horizontal	Horizontal	Pass
912.458	-64.71	5.39	-40.0	24.71	180.00	Horizontal	Horizontal	Pass
1500.000	-54.12	5.91	-40.0	14.12	360.00	Horizontal	Horizontal	Pass
2572.000	-55.72	7.01	-40.0	15.72	216.00	Horizontal	Horizontal	Pass
3552.500	-26.90	17.19	-40.0	-13.10	36.00	Horizontal	Horizontal	N/A
11933.000	-52.44	19.59	-40.0	12.44	216.00	Horizontal	Horizontal	Pass

2.1 LTE CA 48B

Band:LTE CA 48B

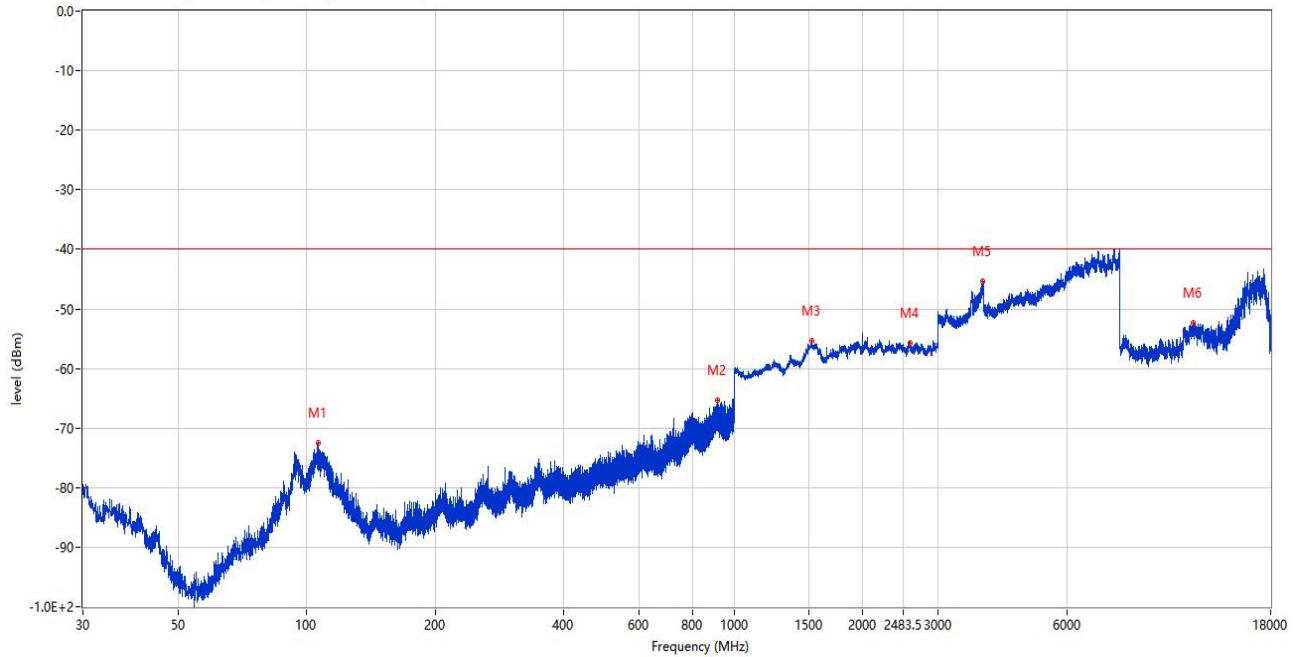
RSE (RF) _FCC PART22&24&27_LTE Band 48 _3550-3700_30MHz-37GHz_FCC



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
104.836	-72.52	-1.23	-40.0	32.52	180.00	Vertical	Horizontal	Pass
919.296	-65.07	5.50	-40.0	25.07	180.00	Vertical	Horizontal	Pass
1534.000	-55.69	5.98	-40.0	15.69	72.00	Vertical	Horizontal	Pass
2663.500	-55.50	7.56	-40.0	15.50	108.00	Vertical	Horizontal	Pass
3833.500	-45.60	19.21	-40.0	5.60	252.00	Vertical	Horizontal	Pass
11971.000	-52.10	19.84	-40.0	12.10	108.00	Vertical	Horizontal	Pass

Band:LTE CA 48B

RSE (RF) _FCC PART22&24&27_LTE Band 48_3550-3700_30MHz-37GHz_FCC

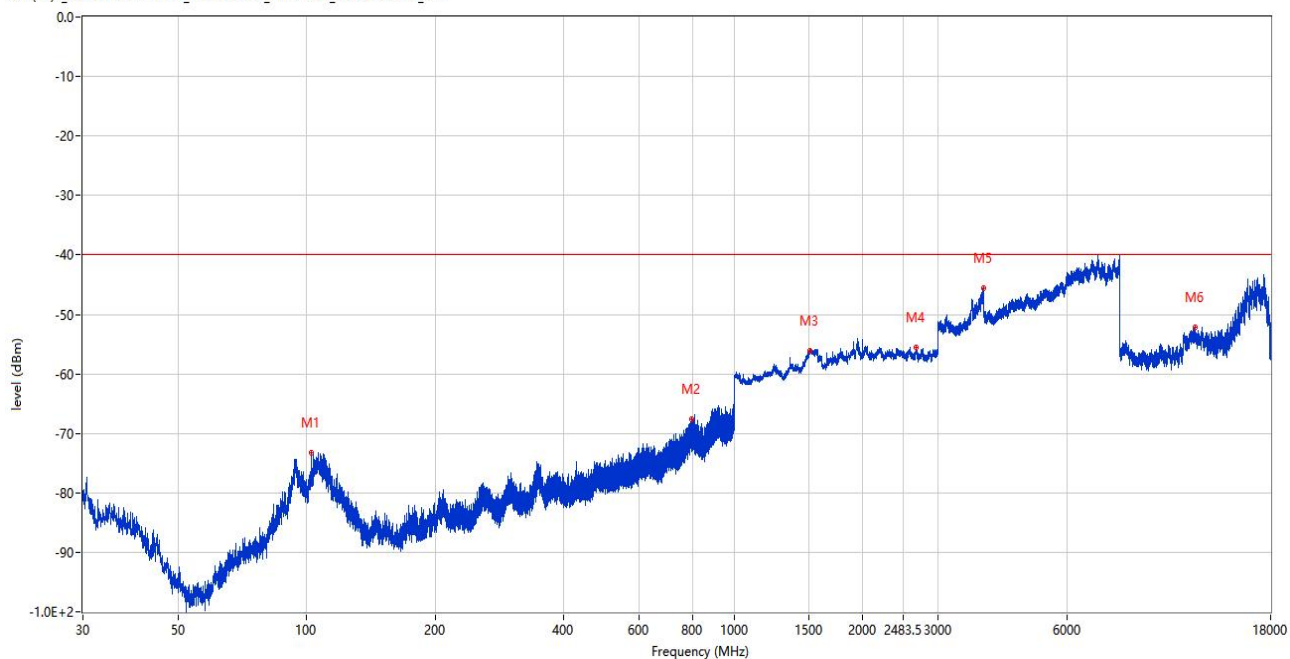


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
106.581	-72.44	-1.23	-40.0	32.44	108.00	Horizontal	Horizontal	Pass
916.483	-65.31	5.46	-40.0	25.31	144.00	Horizontal	Horizontal	Pass
1517.500	-55.35	6.07	-40.0	15.35	36.00	Horizontal	Horizontal	Pass
2577.500	-55.70	6.92	-40.0	15.70	288.00	Horizontal	Horizontal	Pass
3824.500	-45.43	18.98	-40.0	5.43	288.00	Horizontal	Horizontal	Pass
11860.325	-52.33	19.57	-40.0	12.33	360.00	Horizontal	Horizontal	Pass

2.2 LTE CA 48C

Band:LTE CA 48C

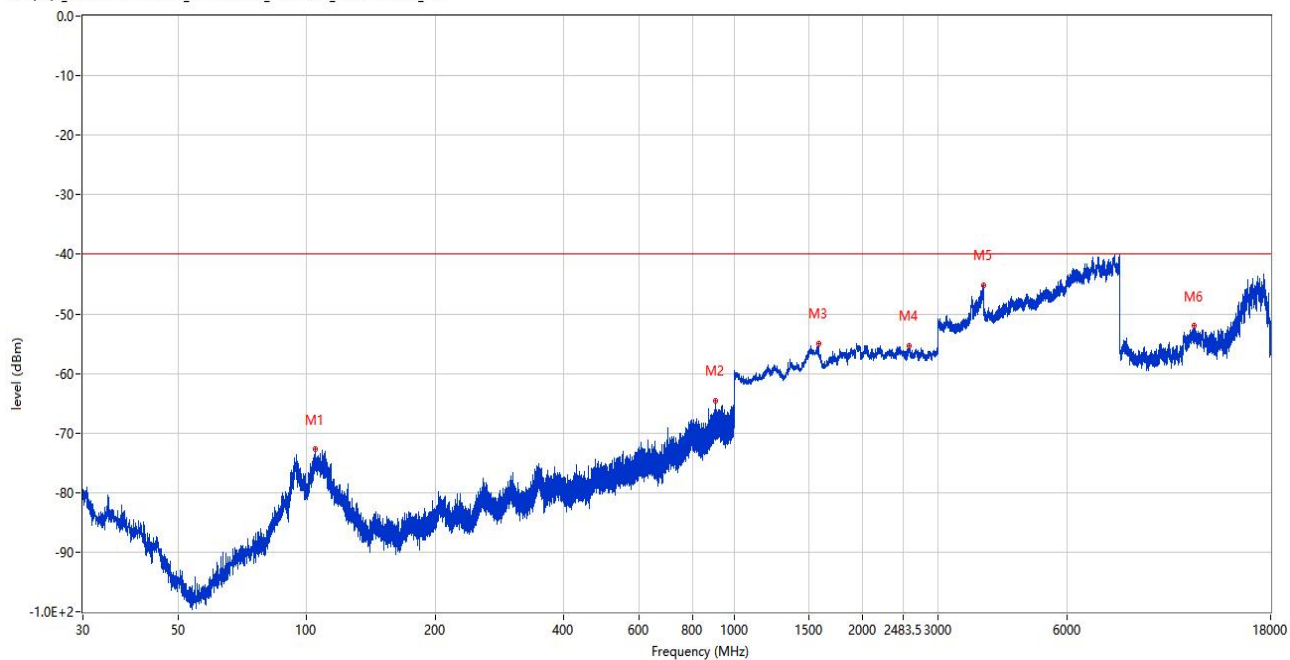
RSE (RF) _FCC PART22&24&27_LTE Band 48_3550-3700_30MHz-37GHz_FCC



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
102.507	-73.19	-3.43	-40.0	33.19	360.00	Vertical	Horizontal	Pass
797.464	-67.61	3.37	-40.0	27.61	216.00	Vertical	Horizontal	Pass
1507.000	-56.05	6.00	-40.0	16.05	108.00	Vertical	Horizontal	Pass
2664.500	-55.56	7.52	-40.0	15.56	180.00	Vertical	Horizontal	Pass
3835.000	-45.50	19.25	-40.0	5.50	36.00	Vertical	Horizontal	Pass
11971.474	-52.10	19.84	-40.0	12.10	324.00	Vertical	Horizontal	Pass

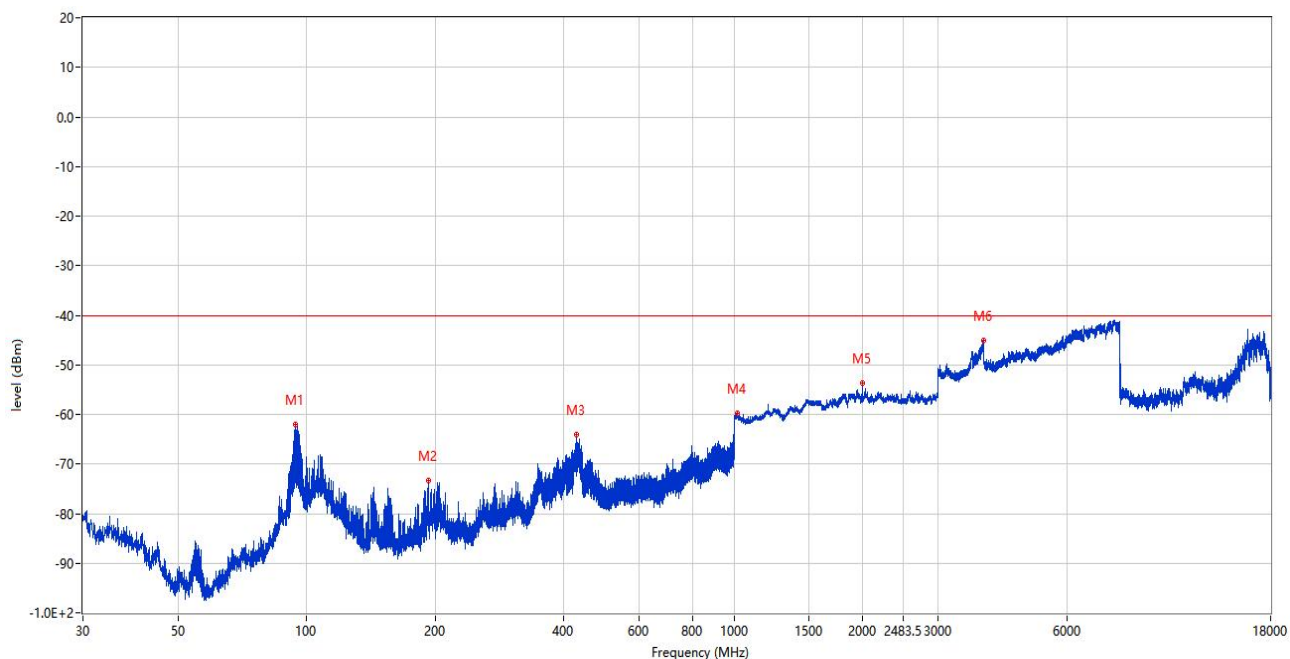
Band:LTE CA 48C

RSE (RF) _FCC PART22&24&27_LTE Band 48_3550-3700_30MHz-37GHz_FCC



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
104.787	-72.72	-1.28	-40.0	32.72	288.00	Horizontal	Horizontal	Pass
903.242	-64.59	5.13	-40.0	24.59	144.00	Horizontal	Horizontal	Pass
1575.000	-55.00	6.13	-40.0	15.00	144.00	Horizontal	Horizontal	Pass
2564.000	-55.33	7.11	-40.0	15.33	324.00	Horizontal	Horizontal	Pass
3835.500	-45.27	19.26	-40.0	5.27	360.00	Horizontal	Horizontal	Pass
11928.250	-52.05	19.62	-40.0	12.05	288.00	Horizontal	Horizontal	Pass

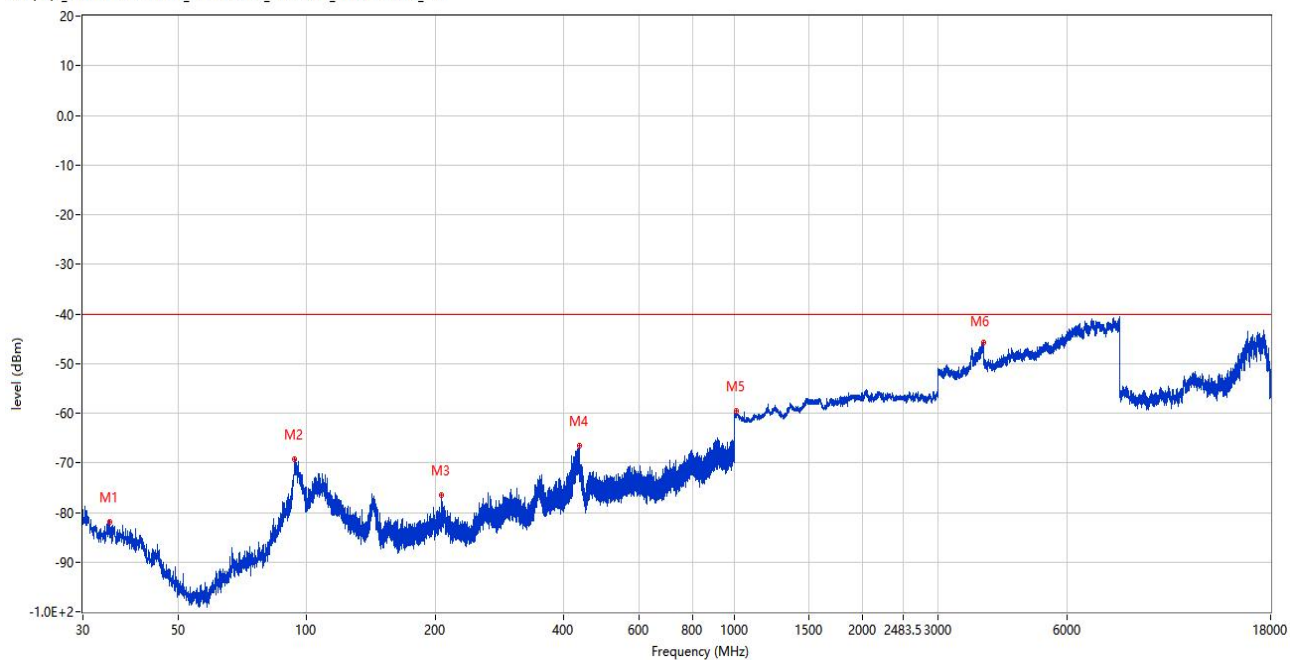
3.1 NR-N48



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
94.117	-62.00	-1.81	-40.0	22.00	0.00	Vertical	Horizontal	Pass
192.669	-73.31	-11.35	-40.0	33.31	180.00	Vertical	Horizontal	Pass
428.330	-64.04	-5.20	-40.0	24.04	324.00	Vertical	Horizontal	Pass
1018.500	-59.85	3.66	-40.0	19.85	216.00	Vertical	Horizontal	Pass
2000.000	-53.73	5.51	-40.0	13.73	252.00	Vertical	Horizontal	Pass
3828.000	-45.06	19.07	-40.0	5.06	180.00	Vertical	Horizontal	Pass

Band:NR-N48

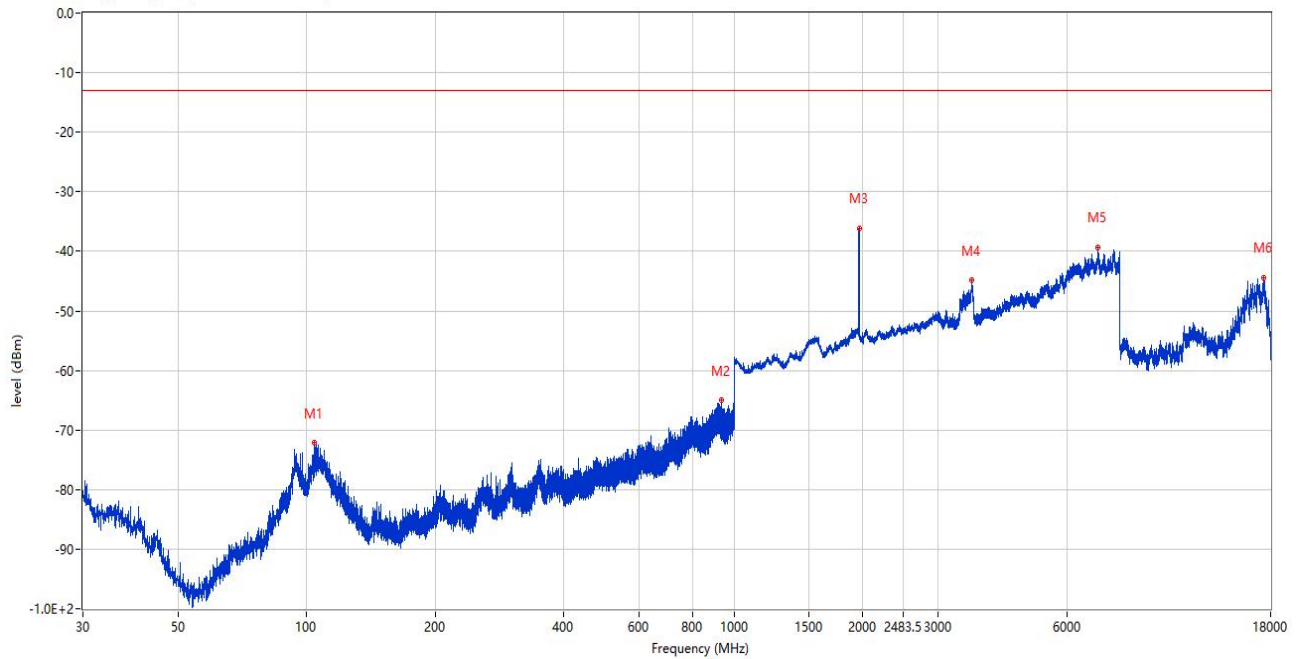
RSE (RF) _FCC PART22&24&27_LTE Band 48_3550-3700_30MHz-37GHz_FCC



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
34.608	-81.93	-10.61	-40.0	41.93	36.00	Horizontal	Horizontal	Pass
93.971	-69.35	-1.79	-40.0	29.35	36.00	Horizontal	Horizontal	Pass
207.413	-76.58	-8.56	-40.0	36.58	72.00	Horizontal	Horizontal	Pass
435.218	-66.66	-5.20	-40.0	26.66	144.00	Horizontal	Horizontal	Pass
1010.500	-59.50	3.40	-40.0	19.50	216.00	Horizontal	Horizontal	Pass
3827.000	-45.71	19.04	-40.0	5.71	108.00	Horizontal	Horizontal	Pass

4.1 NSA Band DC-2A-N48A

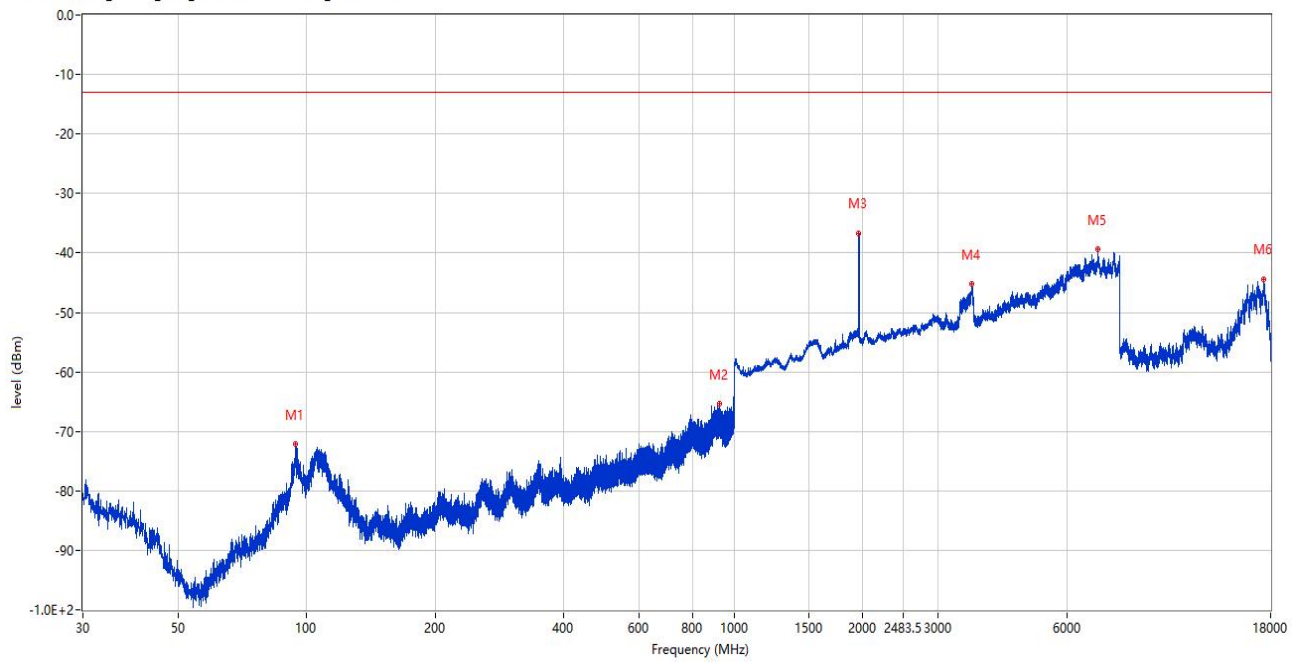
RSE(5G NSA FCC)_NSA_2A_n78A_1850-1920&3300-3800_30MHz-18GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
104.496	-72.16	-1.55	-13.0	59.16	180.00	Vertical	Horizontal	Pass
932.924	-64.99	4.90	-13.0	51.99	144.00	Vertical	Horizontal	Pass
1961.000	-36.14	8.31	-13.0	23.14	252.00	Vertical	Horizontal	N/A
3595.000	-44.88	19.09	-13.0	31.88	180.00	Vertical	Horizontal	Pass
7102.500	-39.31	24.39	-13.0	26.31	144.00	Vertical	Horizontal	Pass
17358.975	-44.36	28.27	-13.0	31.36	144.00	Vertical	Horizontal	Pass

Band: NSA DC-2A-N48A

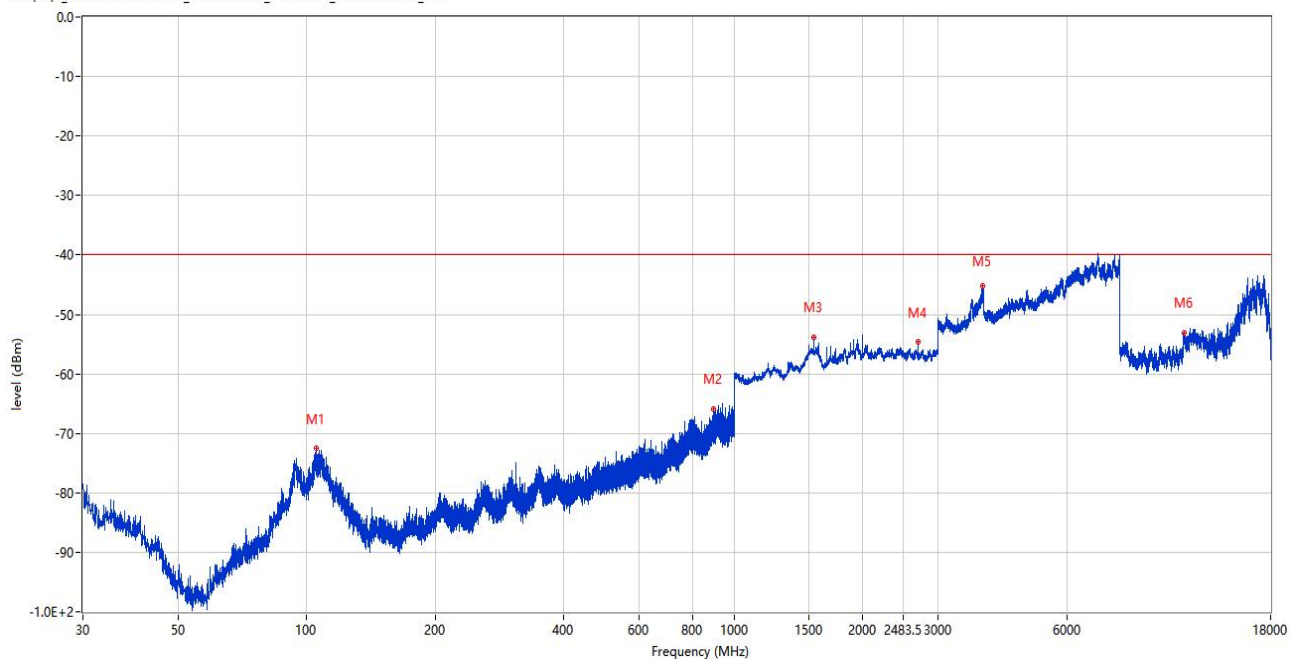
RSE(5G NSA FCC)_NSA 2A_n78A_1850-1920&3300-3800_30MHz-18GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
94.117	-72.18	-1.81	-13.0	59.18	144.00	Horizontal	Horizontal	Pass
924.049	-65.42	5.27	-13.0	52.42	36.00	Horizontal	Horizontal	Pass
1959.500	-36.63	8.43	-13.0	23.63	180.00	Horizontal	Horizontal	N/A
3595.500	-45.21	19.15	-13.0	32.21	360.00	Horizontal	Horizontal	Pass
7105.500	-39.39	24.47	-13.0	26.39	216.00	Horizontal	Horizontal	Pass
17360.550	-44.36	28.28	-13.0	31.36	288.00	Horizontal	Horizontal	Pass

5.1 UL MIMO N48

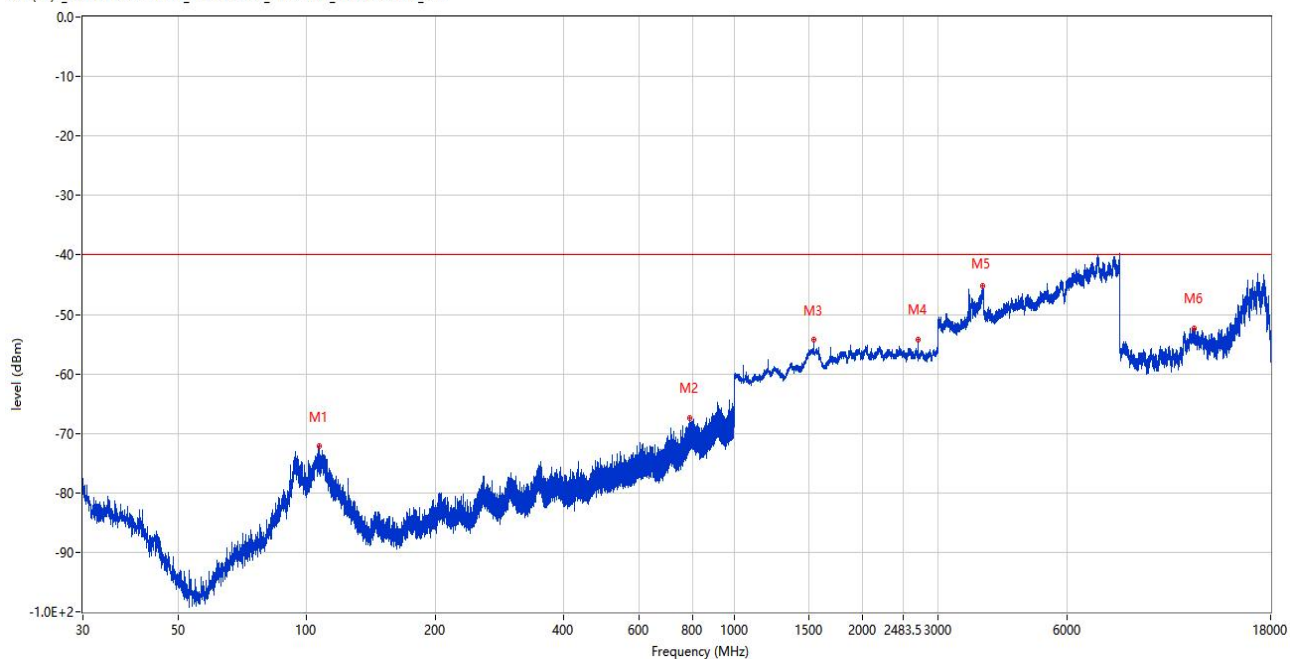
RSE (RF) _FCC PART22&24&27_LTE Band 48_3550-3700_30MHz-37GHz_FCC



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
105.418	-72.52	-1.12	-40.0	32.52	288.00	Vertical	Horizontal	Pass
893.979	-65.84	4.72	-40.0	25.84	252.00	Vertical	Horizontal	Pass
1537.500	-53.77	5.96	-40.0	13.77	72.00	Vertical	Horizontal	Pass
2700.000	-54.68	6.74	-40.0	14.68	360.00	Vertical	Horizontal	Pass
3806.500	-45.12	18.62	-40.0	5.12	324.00	Vertical	Horizontal	Pass
11320.724	-53.10	18.45	-40.0	13.10	144.00	Vertical	Horizontal	Pass

Band:UL MIMO N48

RSE (RF) _FCC PART22&24&27_LTE Band 48 _3550-3700_30MHz-37GHz_FCC



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
106.872	-72.14	-1.26	-40.0	32.14	180.00	Horizontal	Horizontal	Pass
788.831	-67.40	2.94	-40.0	27.40	324.00	Horizontal	Horizontal	Pass
1537.500	-54.30	5.96	-40.0	14.30	360.00	Horizontal	Horizontal	Pass
2700.000	-54.31	6.74	-40.0	14.31	72.00	Horizontal	Horizontal	Pass
3822.000	-45.27	18.91	-40.0	5.27	144.00	Horizontal	Horizontal	Pass
11933.000	-52.34	19.59	-40.0	12.34	144.00	Horizontal	Horizontal	Pass