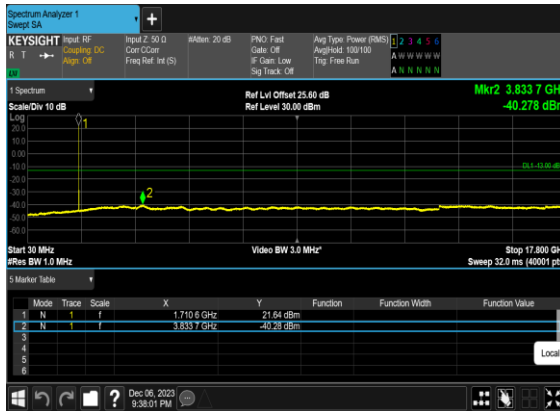
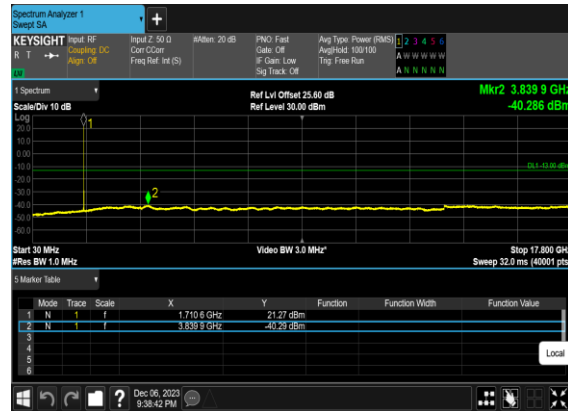


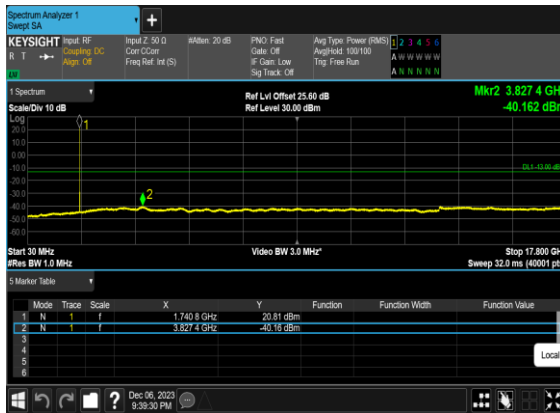
N66(10M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



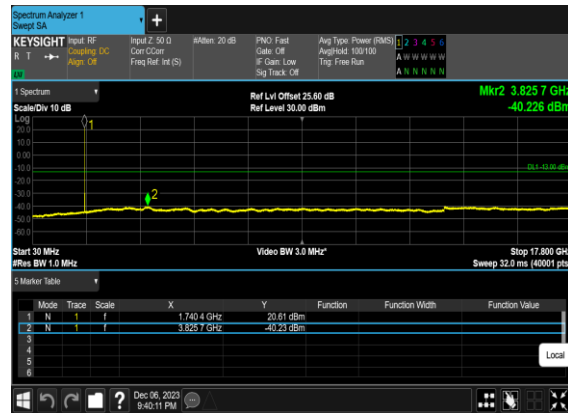
N66(10M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH



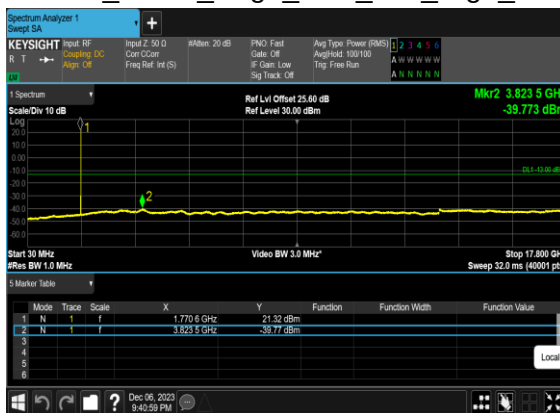
N66(10M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Mid_CH



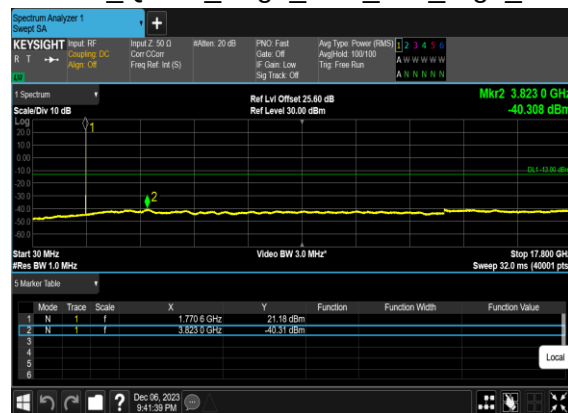
N66(10M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Mid_CH



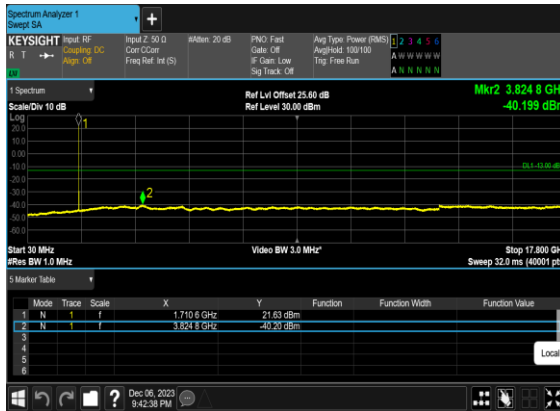
N66(10M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_High_CH



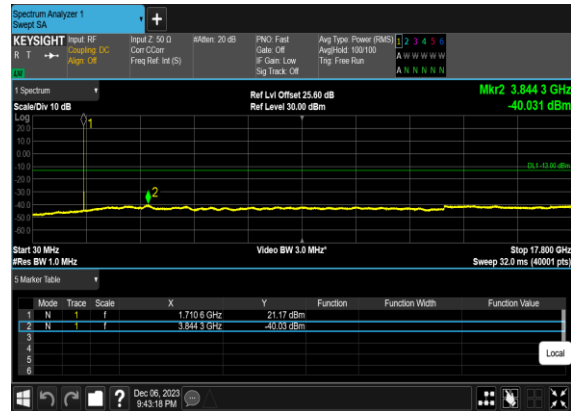
N66(10M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_High_CH



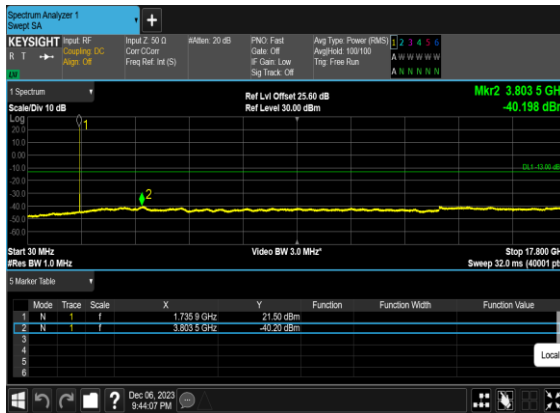
N66(20M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



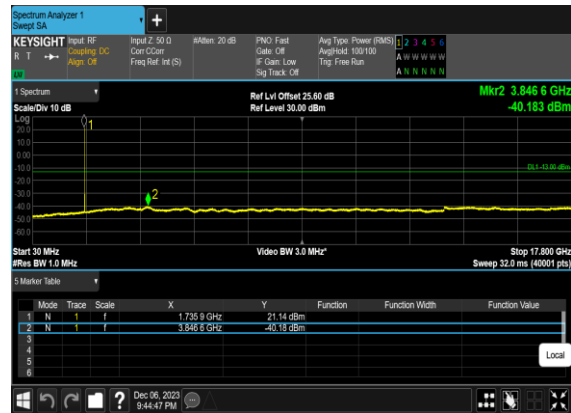
N66(20M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH



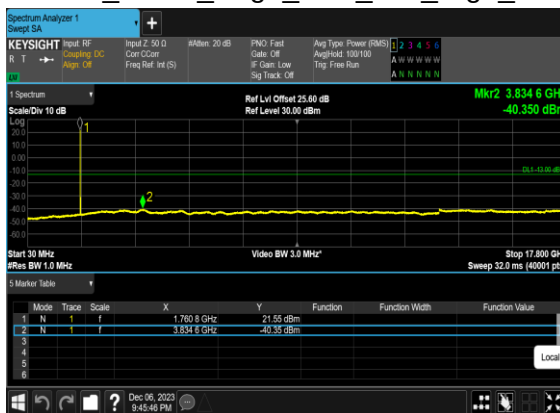
N66(20M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Mid_CH



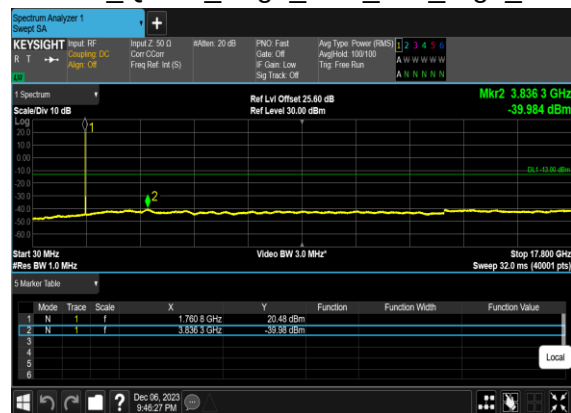
N66(20M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Mid_CH



N66(20M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_High_CH



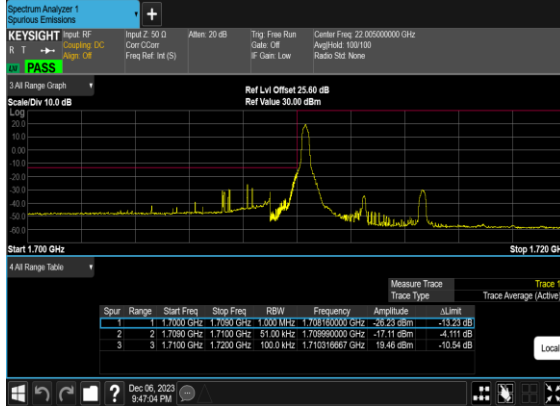
N66(20M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_High_CH



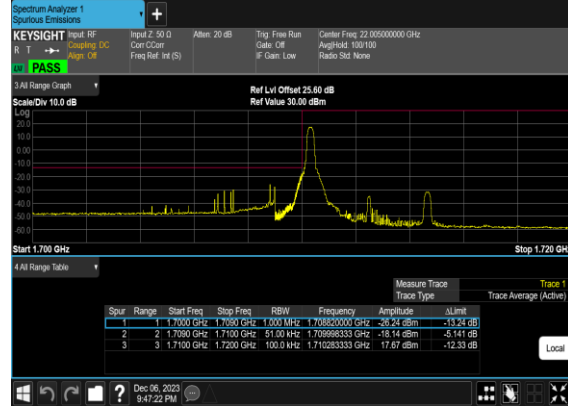
Conducted Band Edge

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
66	15	5	342500	1712.5	DFT-s-OFDM BPSK	1@0	see graph	PASS
66	15	5	342500	1712.5	DFT-s-OFDM QPSK	1@0	see graph	PASS
66	15	5	342500	1712.5	DFT-s-OFDM BPSK	25@0	see graph	PASS
66	15	5	342500	1712.5	DFT-s-OFDM QPSK	25@0	see graph	PASS
66	15	5	355500	1777.5	DFT-s-OFDM BPSK	1@24	see graph	PASS
66	15	5	355500	1777.5	DFT-s-OFDM QPSK	1@24	see graph	PASS
66	15	5	355500	1777.5	DFT-s-OFDM BPSK	25@0	see graph	PASS
66	15	5	355500	1777.5	DFT-s-OFDM QPSK	25@0	see graph	PASS
66	15	10	343000	1715.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
66	15	10	343000	1715.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
66	15	10	343000	1715.0	DFT-s-OFDM BPSK	50@0	see graph	PASS
66	15	10	343000	1715.0	DFT-s-OFDM QPSK	50@0	see graph	PASS
66	15	10	355000	1775.0	DFT-s-OFDM BPSK	1@51	see graph	PASS
66	15	10	355000	1775.0	DFT-s-OFDM QPSK	1@51	see graph	PASS
66	15	10	355000	1775.0	DFT-s-OFDM BPSK	50@0	see graph	PASS
66	15	10	355000	1775.0	DFT-s-OFDM QPSK	50@0	see graph	PASS
66	15	20	344000	1720.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
66	15	20	344000	1720.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
66	15	20	344000	1720.0	DFT-s-OFDM BPSK	100@0	see graph	PASS
66	15	20	344000	1720.0	DFT-s-OFDM QPSK	100@0	see graph	PASS
66	15	20	354000	1770.0	DFT-s-OFDM BPSK	1@105	see graph	PASS
66	15	20	354000	1770.0	DFT-s-OFDM QPSK	1@105	see graph	PASS
66	15	20	354000	1770.0	DFT-s-OFDM BPSK	100@0	see graph	PASS
66	15	20	354000	1770.0	DFT-s-OFDM QPSK	100@0	see graph	PASS

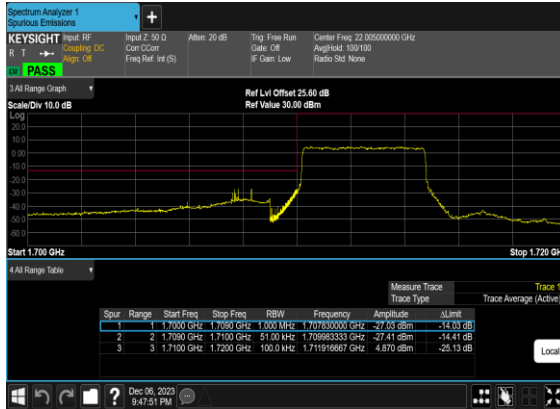
N66(5M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



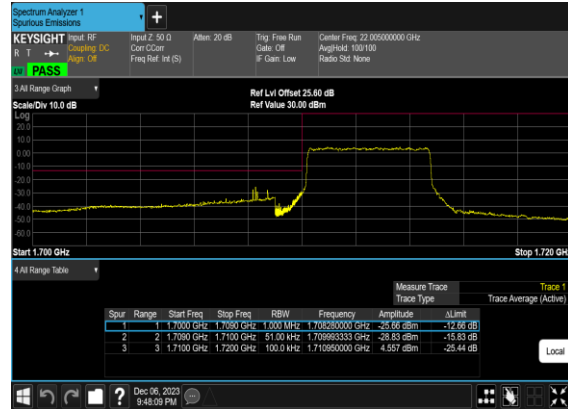
N66(5M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH



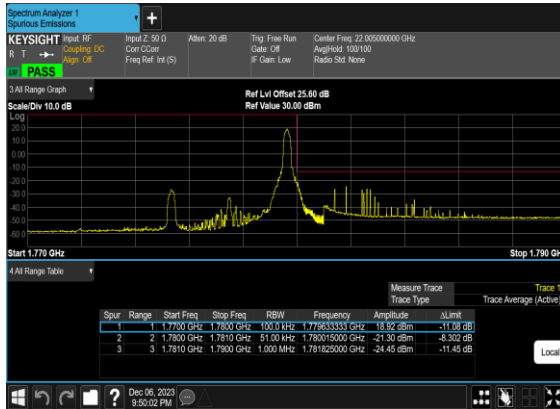
N66(5M)_DFT-s-
OFDM_BPSK_Outer_Full_Low_CH



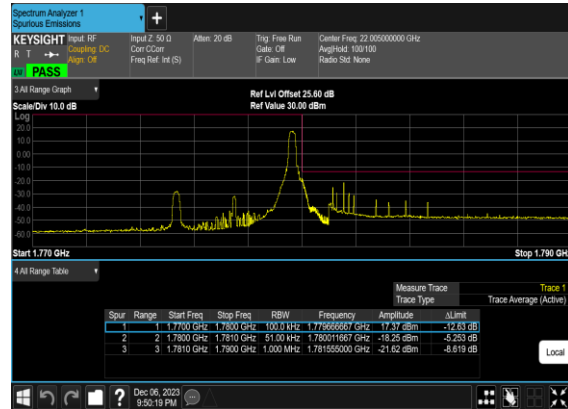
N66(5M)_DFT-s-
OFDM_QPSK_Outer_Full_Low_CH



N66(5M)_DFT-s-
OFDM_BPSK_Edge_1RB_Right_High_CH



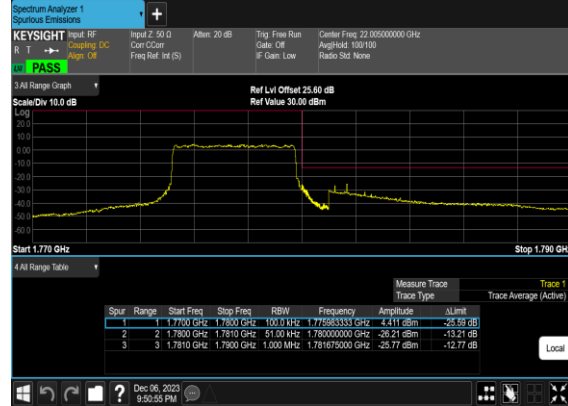
N66(5M)_DFT-s-
OFDM_QPSK_Edge_1RB_Right_High_CH



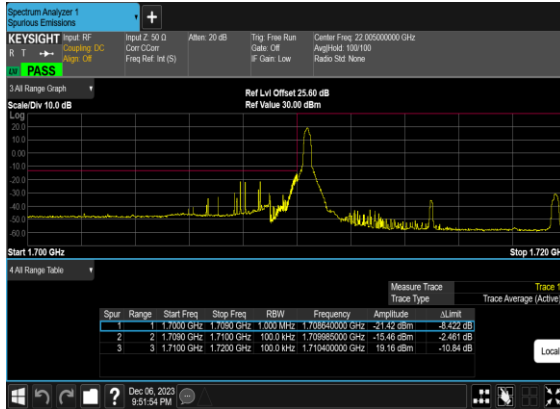
N66(5M)_DFT-s-
OFDM_BPSK_Outer_Full_High_CH



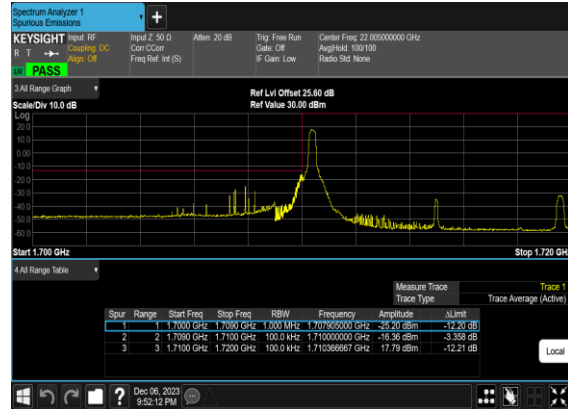
N66(5M)_DFT-s-
OFDM_QPSK_Outer_Full_High_CH



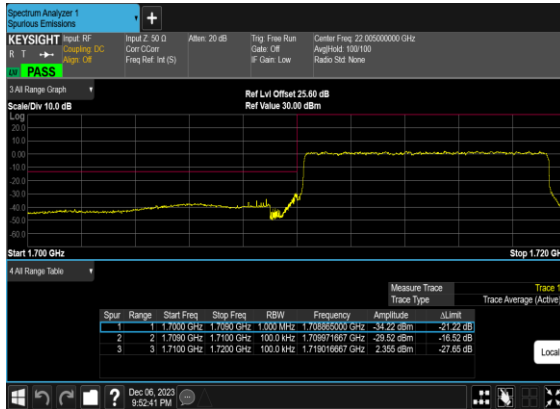
N66(10M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



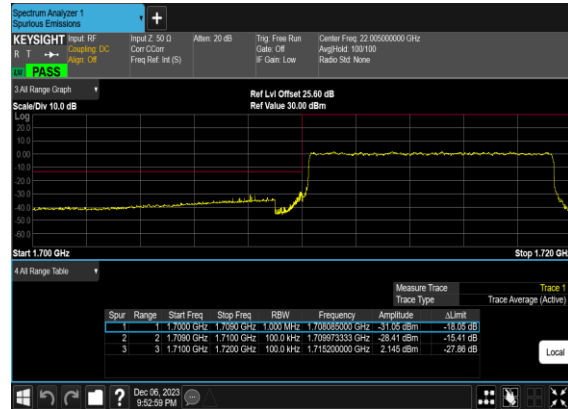
N66(10M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH



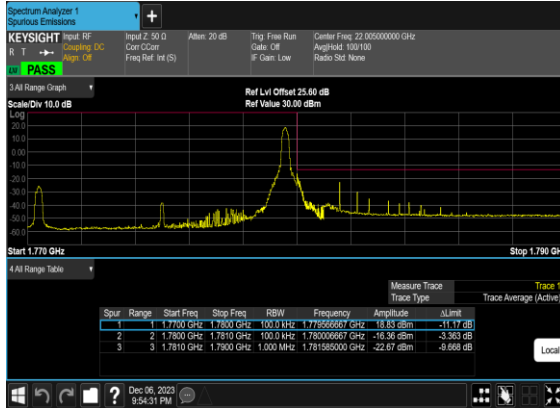
N66(10M)_DFT-s-
OFDM_BPSK_Outer_Full_Low_CH



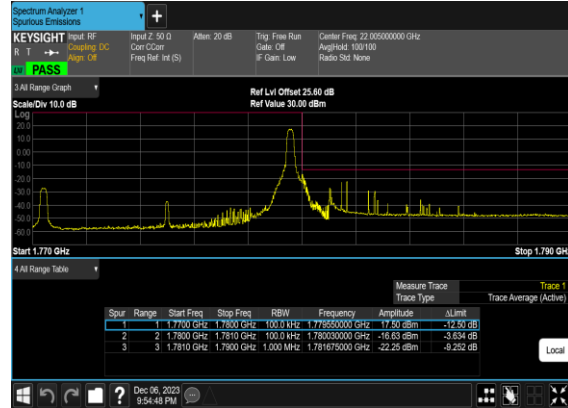
N66(10M)_DFT-s-
OFDM_QPSK_Outer_Full_Low_CH



N66(10M)_DFT-s-
OFDM_BPSK_Edge_1RB_Right_High_CH



N66(10M)_DFT-s-
OFDM_QPSK_Edge_1RB_Right_High_CH



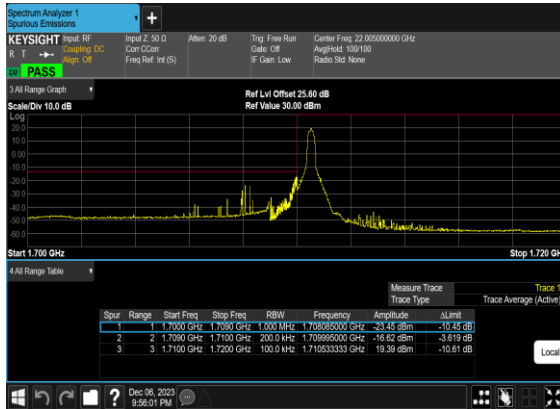
N66(10M)_DFT-s-
OFDM_BPSK_Outer_Full_High_CH



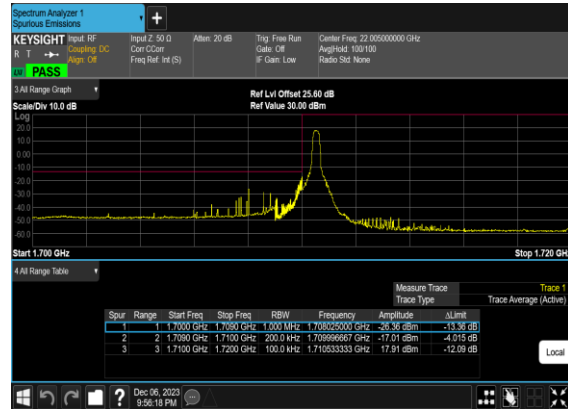
N66(10M)_DFT-s-
OFDM_QPSK_Outer_Full_High_CH



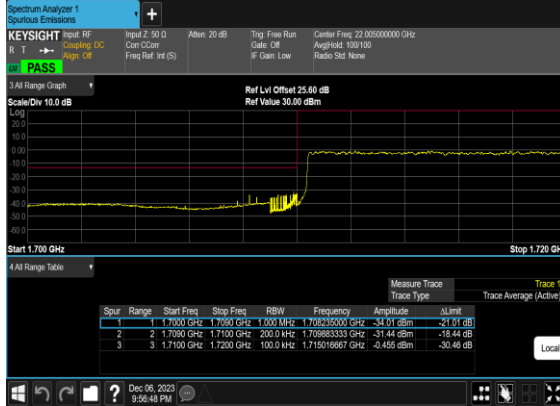
N66(20M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



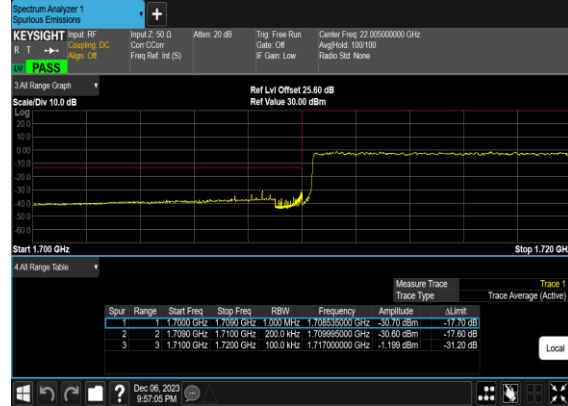
N66(20M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH



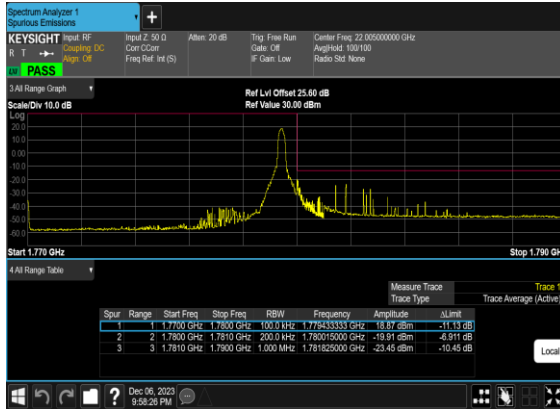
N66(20M)_DFT-s-
OFDM_BPSK_Outer_Full_Low_CH



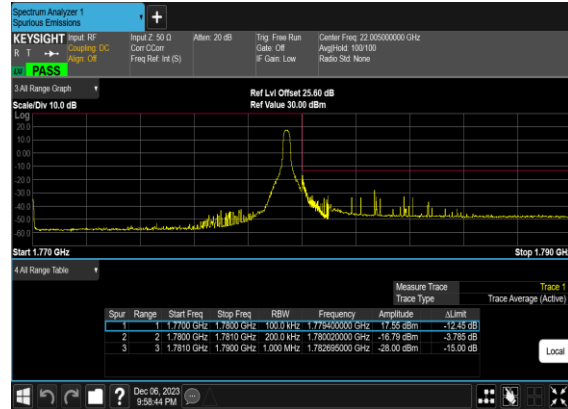
N66(20M)_DFT-s-
OFDM_QPSK_Outer_Full_Low_CH



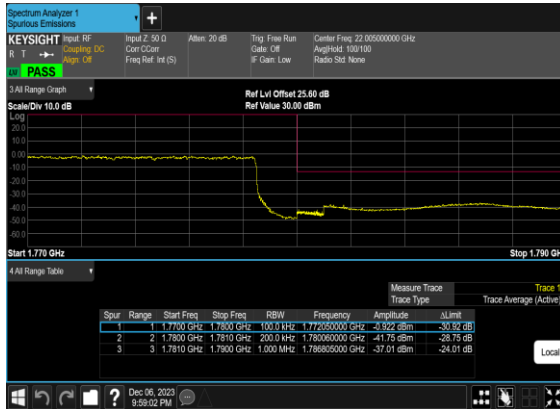
N66(20M)_DFT-s-
OFDM_BPSK_Edge_1RB_Right_High_CH



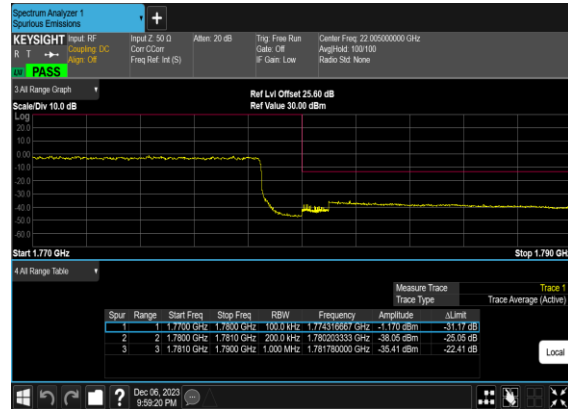
N66(20M)_DFT-s-
OFDM_QPSK_Edge_1RB_Right_High_CH



N66(20M)_DFT-s-
OFDM_BPSK_Outer_Full_High_CH



N66(20M)_DFT-s-
OFDM_QPSK_Outer_Full_High_CH



FR1 N66 (ANT5)-Other PA

LTE Band: 5 (ANT0), LTE BW: 10M, LTE ARFCN: Mid

Frequency Stability

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Deviation (ppm)	Verdict	Environment
66	15	20	349000	1745.0	DFT-s-OFDM QPS	100@0	-0.0035	PASS	NV
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	100@0	0.0034	PASS	LV
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	100@0	0.0024	PASS	HV
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	100@0	-0.0015	PASS	-30℃
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	100@0	0.0025	PASS	-20℃
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	100@0	0.0026	PASS	-10℃
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	100@0	-0.0024	PASS	0℃
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	100@0	0.0024	PASS	10℃
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	100@0	0.0027	PASS	20℃
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	100@0	0.0006	PASS	30℃
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	100@0	0.0021	PASS	40℃
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	100@0	0.0027	PASS	50℃

Peak to Average Ratio

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result (dB)	Limit (dB)	Verdict
66	15	20	349000	1745.0	DFT-s-OFDM PI/2 BPSK	100@0	4.12	13	PASS
66	15	20	349000	1745.0	DFT-s-OFDM PI/2 BPSK	1@0	3.98	13	PASS
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	100@0	5.38	13	PASS
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	1@0	5.28	13	PASS

B5_N66(20M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_Mid_CH



B5_N66(20M)_DFT-s-OFDM_PI_2-BPSK_Edge_1RB_Left_Mid_CH



B5_N66(20M)_DFT-s-OFDM_QPSK_Outer_Full_Mid_CH



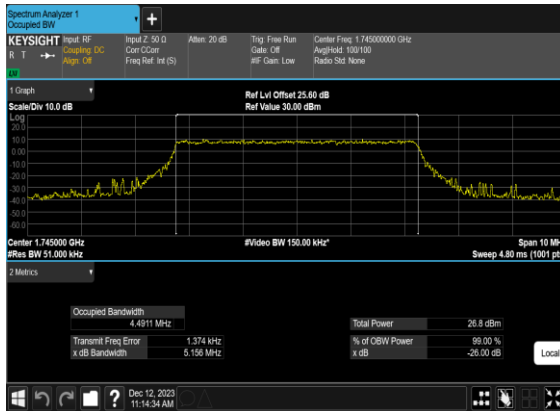
B5_N66(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



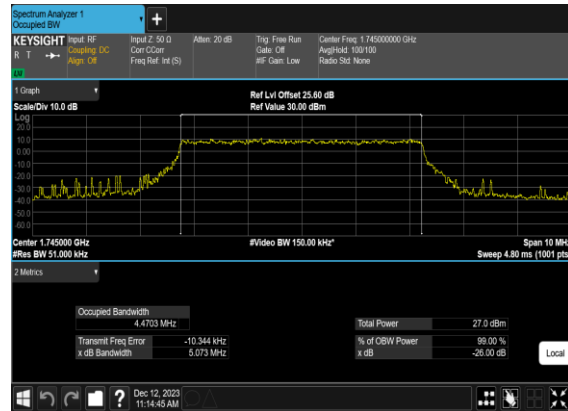
Occupied Bandwidth

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	OBW (MHz)	26dB BW (MHz)
66	15	5	349000	1745.0	CP-OFDM QPSK	25@0	4.4911	5.156
66	15	5	349000	1745.0	CP-OFDM 16 QAM	25@0	4.4703	5.073
66	15	5	349000	1745.0	CP-OFDM 64 QAM	25@0	4.4797	5.095
66	15	5	349000	1745.0	CP-OFDM 256 QAM	25@0	4.4753	5.06
66	15	10	349000	1745.0	CP-OFDM QPSK	52@0	9.2844	9.921
66	15	10	349000	1745.0	CP-OFDM 16 QAM	52@0	9.2765	9.972
66	15	10	349000	1745.0	CP-OFDM 64 QAM	52@0	9.2755	9.952
66	15	10	349000	1745.0	CP-OFDM 256 QAM	52@0	9.301	9.985
66	15	15	349000	1745.0	CP-OFDM QPSK	79@0	14.092	14.87
66	15	15	349000	1745.0	CP-OFDM 16 QAM	79@0	14.121	14.98
66	15	15	349000	1745.0	CP-OFDM 64 QAM	79@0	14.104	14.9
66	15	15	349000	1745.0	CP-OFDM 256 QAM	79@0	14.101	15.21
66	15	20	349000	1745.0	CP-OFDM QPSK	106@0	18.919	20.16
66	15	20	349000	1745.0	CP-OFDM 16 QAM	106@0	18.889	19.81
66	15	20	349000	1745.0	CP-OFDM 64 QAM	106@0	18.926	19.89
66	15	20	349000	1745.0	CP-OFDM 256 QAM	106@0	18.925	19.97

B5_N66(5M)_CP-
OFDM_QPSK_Outer_Full_Mid_CH



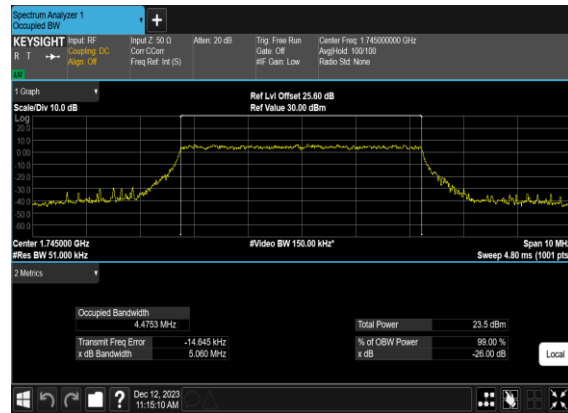
B5_N66(5M)_CP-OFDM_16
QAM_Outer_Full_Mid_CH



B5_N66(5M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH



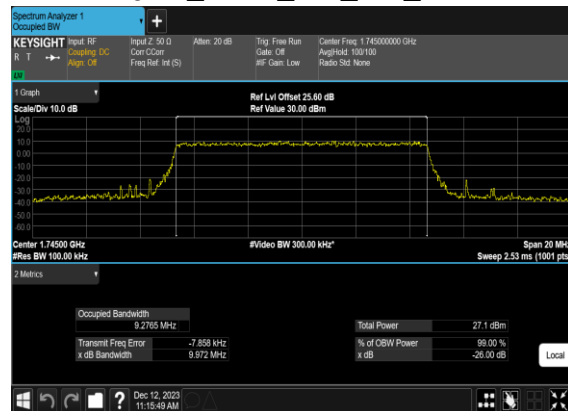
B5_N66(5M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH



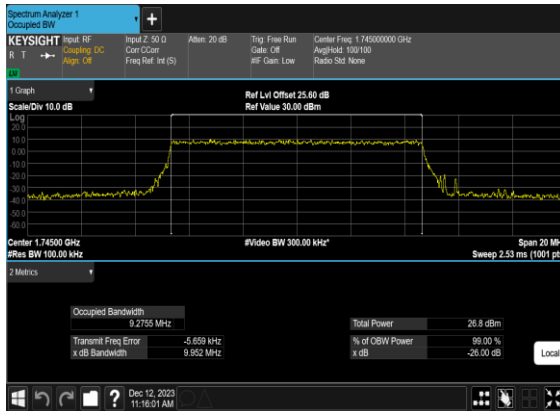
B5_N66(10M)_CP-
OFDM_QPSK_Outer_Full_Mid_CH



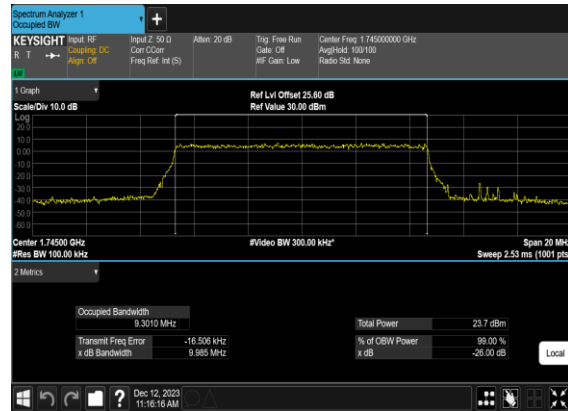
B5_N66(10M)_CP-OFDM_16
QAM_Outer_Full_Mid_CH



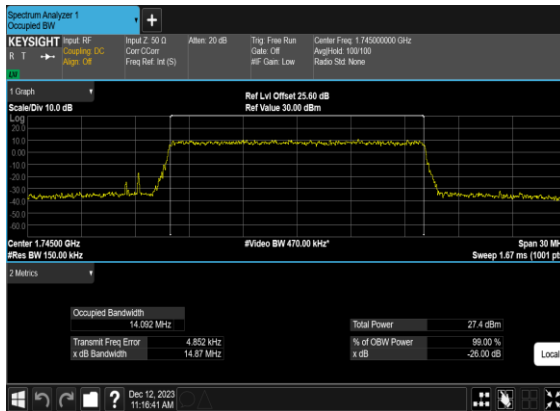
B5_N66(10M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH



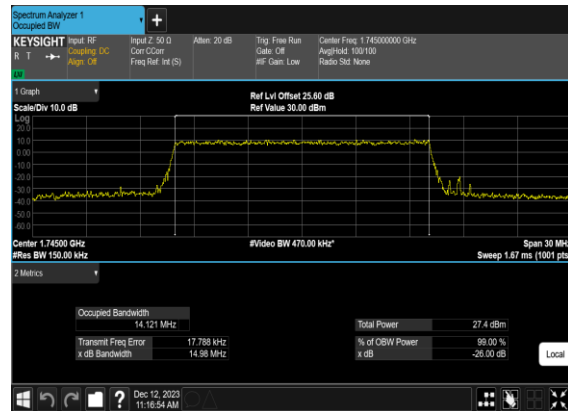
B5_N66(10M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH



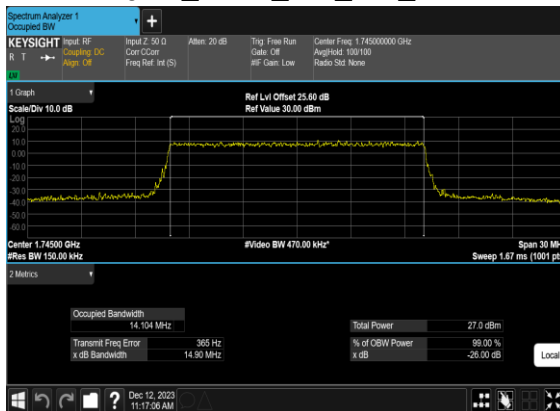
B5_N66(15M)_CP-
OFDM_QPSK_Outer_Full_Mid_CH



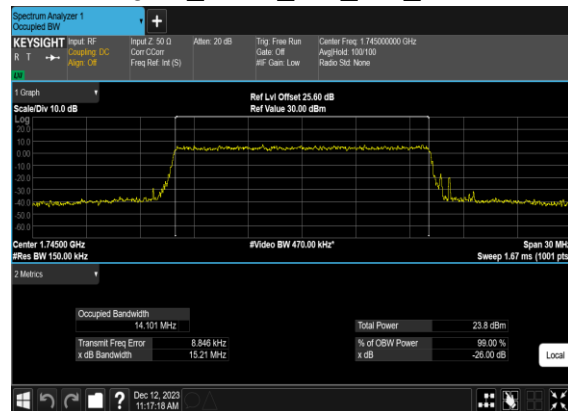
B5_N66(15M)_CP-OFDM_16
QAM_Outer_Full_Mid_CH



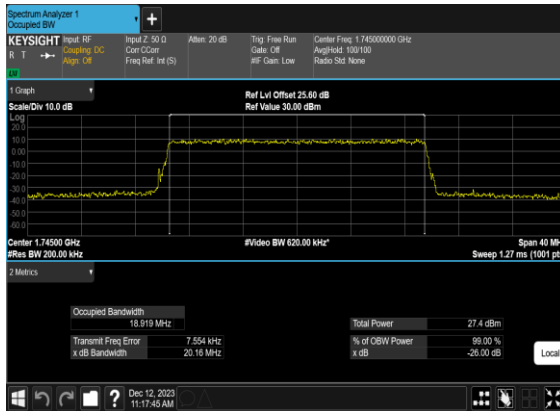
B5_N66(15M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH



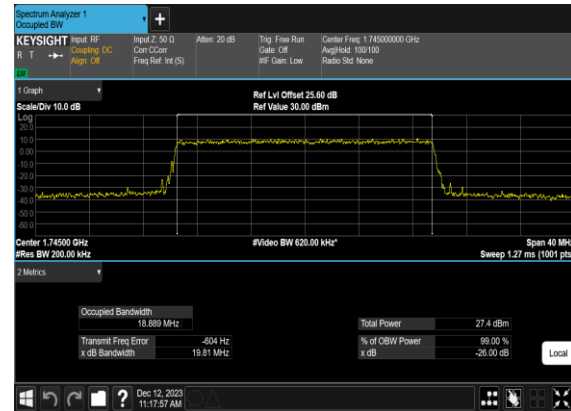
B5_N66(15M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH



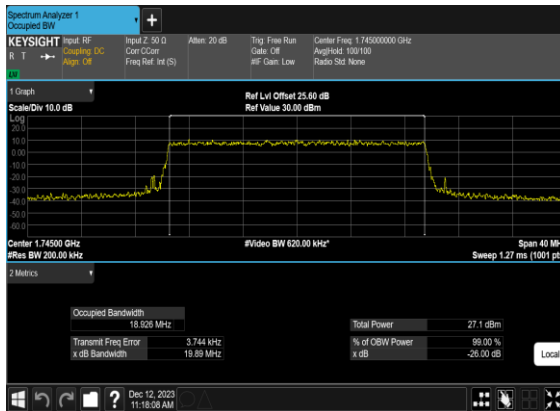
B5_N66(20M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



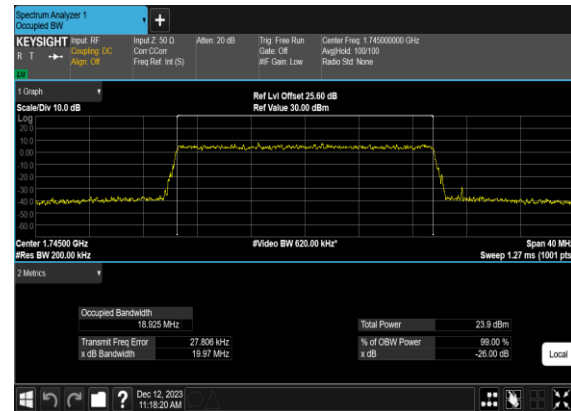
B5_N66(20M)_CP-OFDM_16QAM_Outer_Full_Mid_CH



B5_N66(20M)_CP-OFDM_64QAM_Outer_Full_Mid_CH



B5_N66(20M)_CP-OFDM_256QAM_Outer_Full_Mid_CH

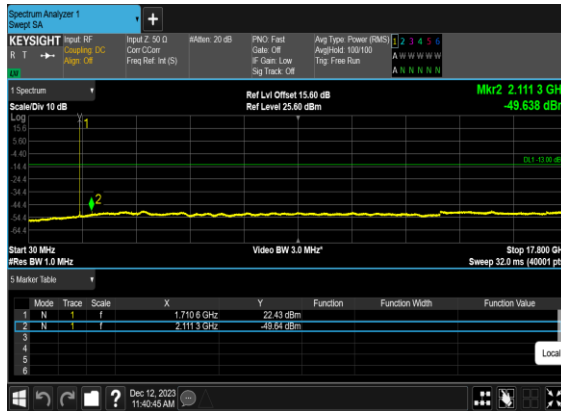


Conducted Spurious Emissions

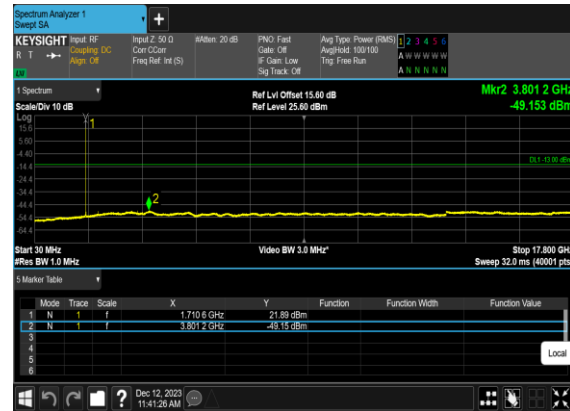
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
66	15	5	342500	1712.5	DFT-s-OFDM BPSK	1@0	see graph	---
66	15	5	342500	1712.5	DFT-s-OFDM BPSK	1@0	see graph	PASS
66	15	5	342500	1712.5	DFT-s-OFDM QPSK	1@0	see graph	---
66	15	5	342500	1712.5	DFT-s-OFDM QPSK	1@0	see graph	PASS
66	15	5	349000	1745.0	DFT-s-OFDM BPSK	1@0	see graph	---
66	15	5	349000	1745.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
66	15	5	349000	1745.0	DFT-s-OFDM QPSK	1@0	see graph	---
66	15	5	349000	1745.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
66	15	5	355500	1777.5	DFT-s-OFDM BPSK	1@0	see graph	---
66	15	5	355500	1777.5	DFT-s-OFDM BPSK	1@0	see graph	PASS
66	15	5	355500	1777.5	DFT-s-OFDM QPSK	1@0	see graph	---
66	15	5	355500	1777.5	DFT-s-OFDM QPSK	1@0	see graph	PASS
66	15	10	343000	1715.0	DFT-s-OFDM BPSK	1@0	see graph	---
66	15	10	343000	1715.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
66	15	10	343000	1715.0	DFT-s-OFDM QPSK	1@0	see graph	---
66	15	10	343000	1715.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
66	15	10	349000	1745.0	DFT-s-OFDM BPSK	1@0	see graph	---
66	15	10	349000	1745.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
66	15	10	349000	1745.0	DFT-s-OFDM QPSK	1@0	see graph	---
66	15	10	349000	1745.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
66	15	10	355000	1775.0	DFT-s-OFDM BPSK	1@0	see graph	---
66	15	10	355000	1775.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
66	15	10	355000	1775.0	DFT-s-OFDM QPSK	1@0	see graph	---

66	15	10	355000	1775.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
66	15	20	344000	1720.0	DFT-s-OFDM BPSK	1@0	see graph	---
66	15	20	344000	1720.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
66	15	20	344000	1720.0	DFT-s-OFDM QPSK	1@0	see graph	---
66	15	20	344000	1720.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
66	15	20	349000	1745.0	DFT-s-OFDM BPSK	1@0	see graph	---
66	15	20	349000	1745.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	1@0	see graph	---
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
66	15	20	354000	1770.0	DFT-s-OFDM BPSK	1@0	see graph	---
66	15	20	354000	1770.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
66	15	20	354000	1770.0	DFT-s-OFDM QPSK	1@0	see graph	---
66	15	20	354000	1770.0	DFT-s-OFDM QPSK	1@0	see graph	PASS

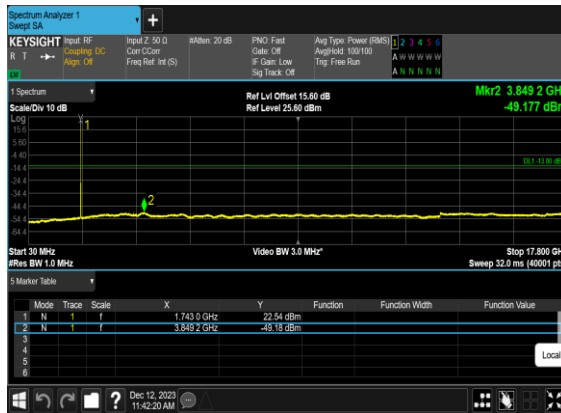
B5_N66(5M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



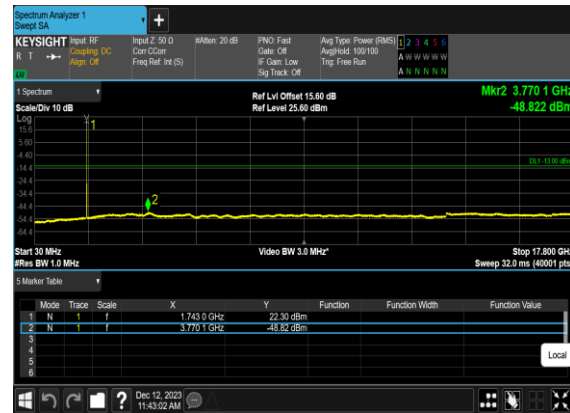
B5_N66(5M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_C



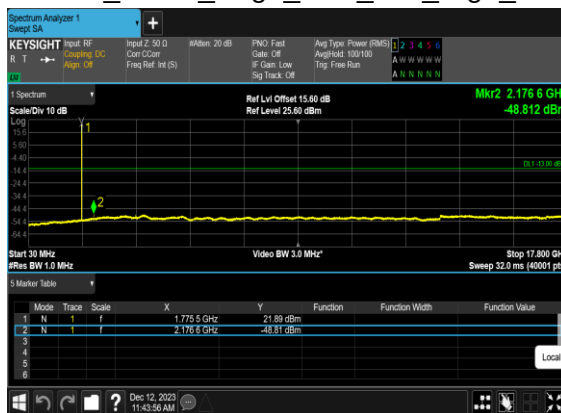
B5_N66(5M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



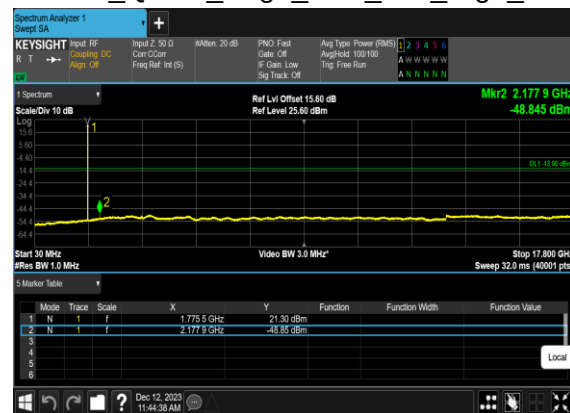
B5_N66(5M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



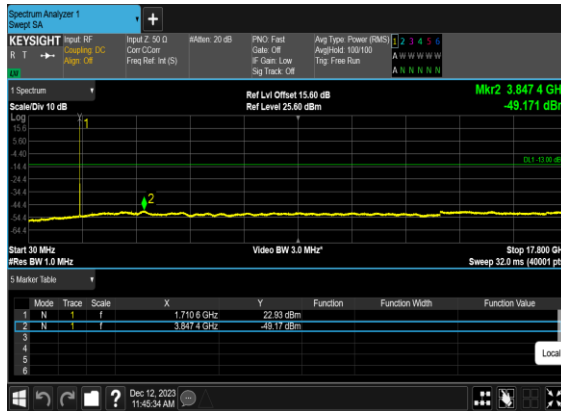
B5_N66(5M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



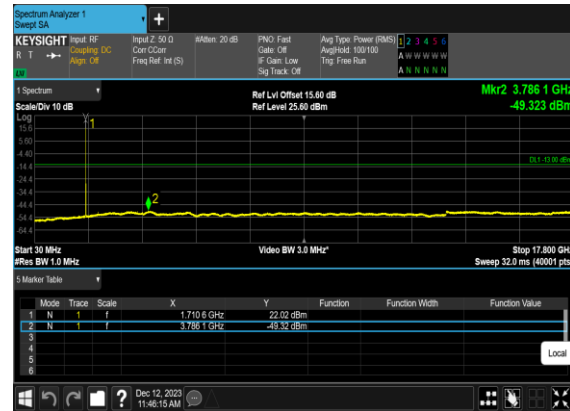
B5_N66(5M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH



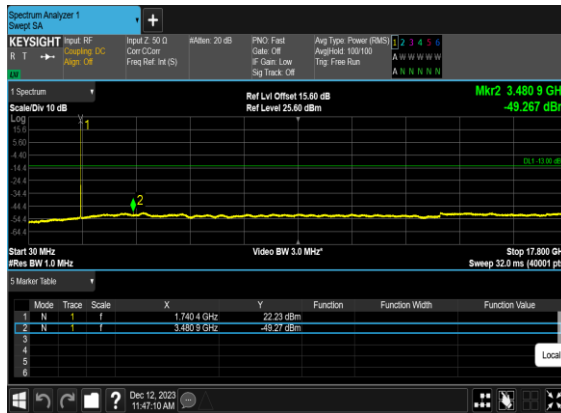
B5_N66(10M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



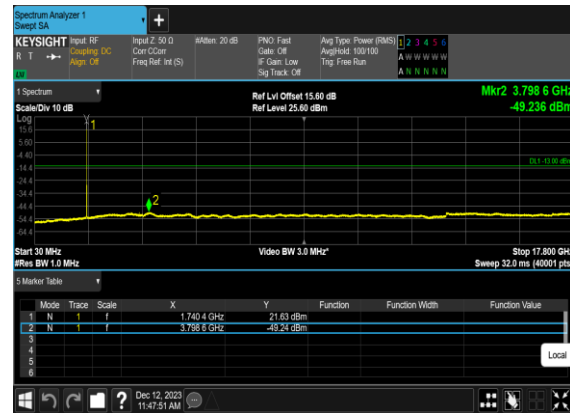
B5_N66(10M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH



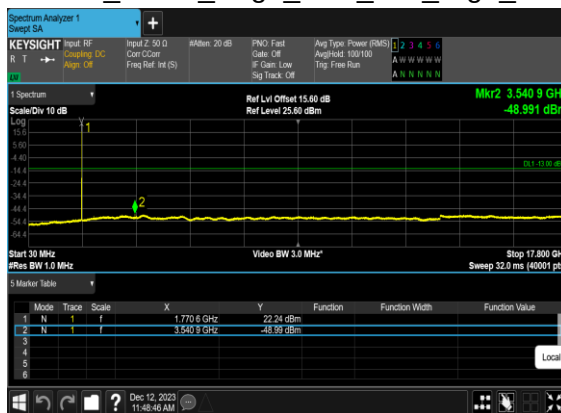
B5_N66(10M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Mid_CH



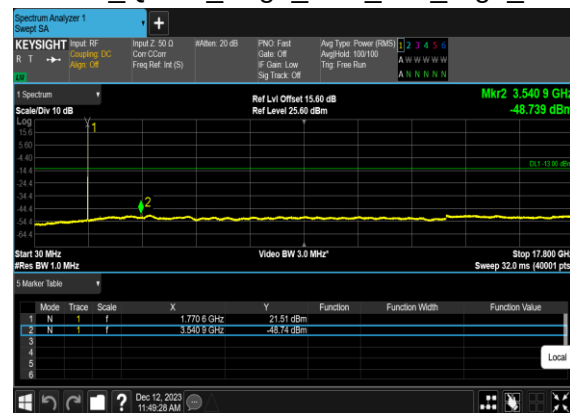
B5_N66(10M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Mid_CH



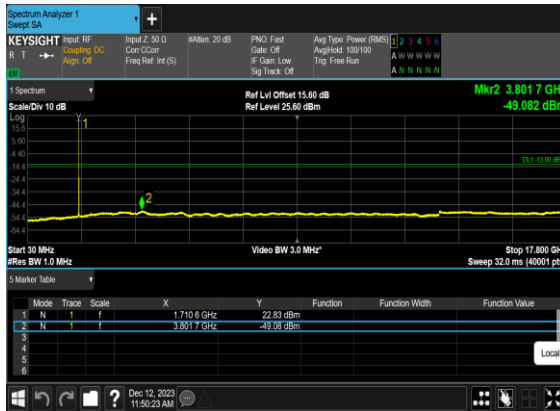
B5_N66(10M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_High_CH



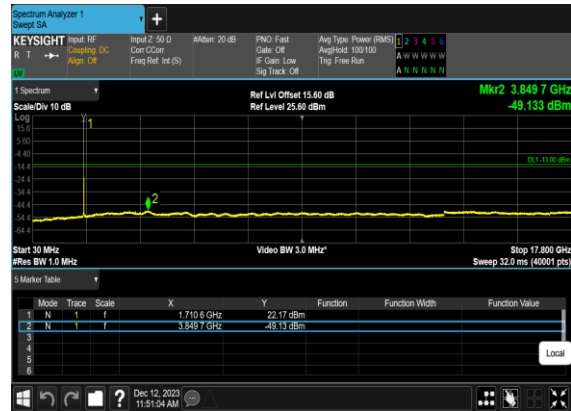
B5_N66(10M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_High_CH



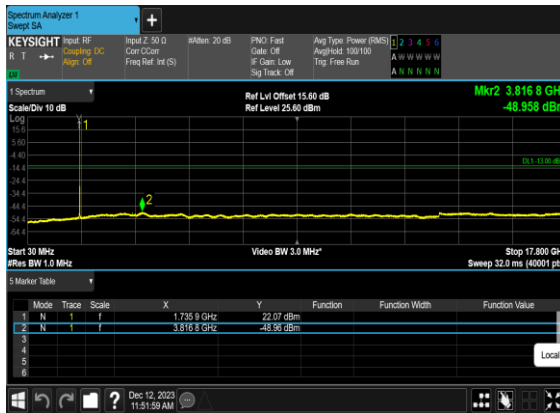
B5_N66(20M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



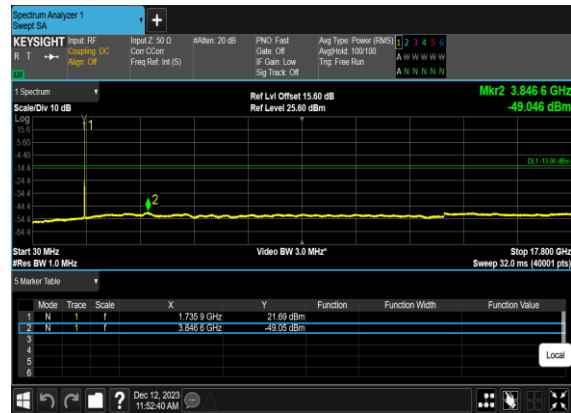
B5_N66(20M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH



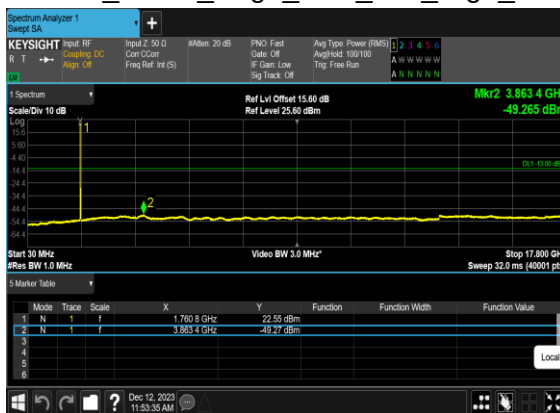
B5_N66(20M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Mid_CH



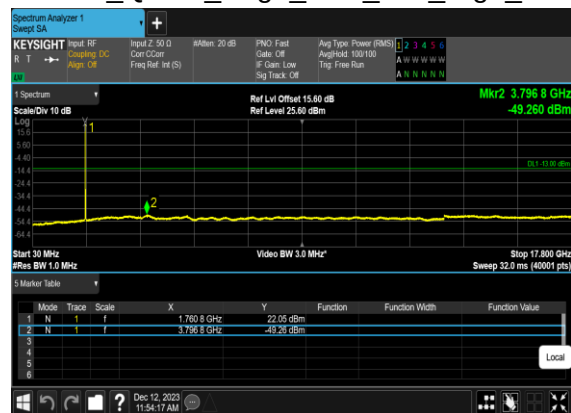
B5_N66(20M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Mid_CH



B5_N66(20M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_High_CH



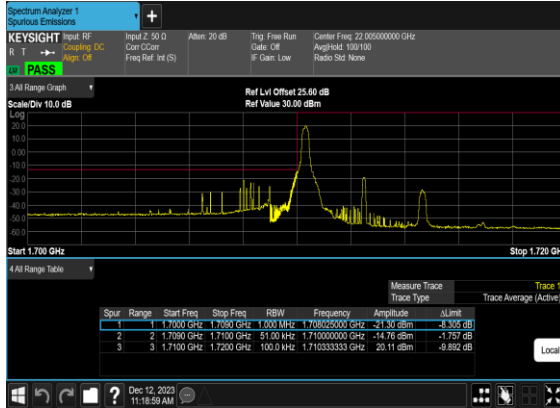
B5_N66(20M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_High_CH



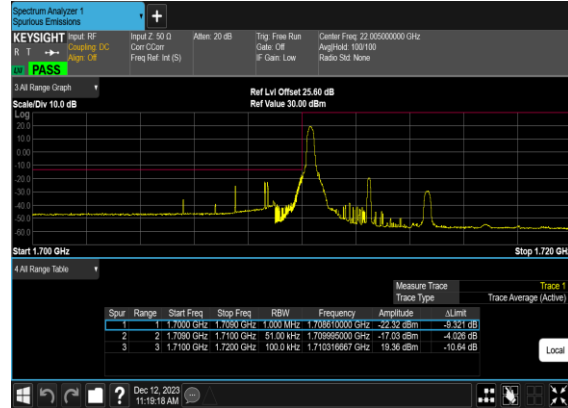
Conducted Band Edge

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
66	15	5	342500	1712.5	DFT-s-OFDM BPSK	1@0	see graph	PASS
66	15	5	342500	1712.5	DFT-s-OFDM QPSK	1@0	see graph	PASS
66	15	5	342500	1712.5	DFT-s-OFDM BPSK	25@0	see graph	PASS
66	15	5	342500	1712.5	DFT-s-OFDM QPSK	25@0	see graph	PASS
66	15	5	355500	1777.5	DFT-s-OFDM BPSK	1@24	see graph	PASS
66	15	5	355500	1777.5	DFT-s-OFDM QPSK	1@24	see graph	PASS
66	15	5	355500	1777.5	DFT-s-OFDM BPSK	25@0	see graph	PASS
66	15	5	355500	1777.5	DFT-s-OFDM QPSK	25@0	see graph	PASS
66	15	10	343000	1715.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
66	15	10	343000	1715.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
66	15	10	343000	1715.0	DFT-s-OFDM BPSK	50@0	see graph	PASS
66	15	10	343000	1715.0	DFT-s-OFDM QPSK	50@0	see graph	PASS
66	15	10	355000	1775.0	DFT-s-OFDM BPSK	1@51	see graph	PASS
66	15	10	355000	1775.0	DFT-s-OFDM QPSK	1@51	see graph	PASS
66	15	10	355000	1775.0	DFT-s-OFDM BPSK	50@0	see graph	PASS
66	15	10	355000	1775.0	DFT-s-OFDM QPSK	50@0	see graph	PASS
66	15	20	344000	1720.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
66	15	20	344000	1720.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
66	15	20	344000	1720.0	DFT-s-OFDM BPSK	100@0	see graph	PASS
66	15	20	344000	1720.0	DFT-s-OFDM QPSK	100@0	see graph	PASS
66	15	20	354000	1770.0	DFT-s-OFDM BPSK	1@105	see graph	PASS
66	15	20	354000	1770.0	DFT-s-OFDM QPSK	1@105	see graph	PASS
66	15	20	354000	1770.0	DFT-s-OFDM BPSK	100@0	see graph	PASS
66	15	20	354000	1770.0	DFT-s-OFDM QPSK	100@0	see graph	PASS

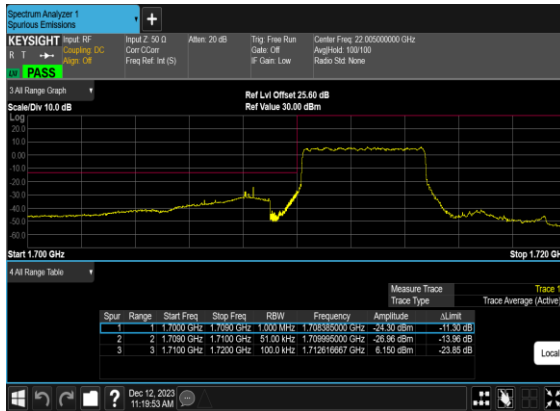
B5_N66(5M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



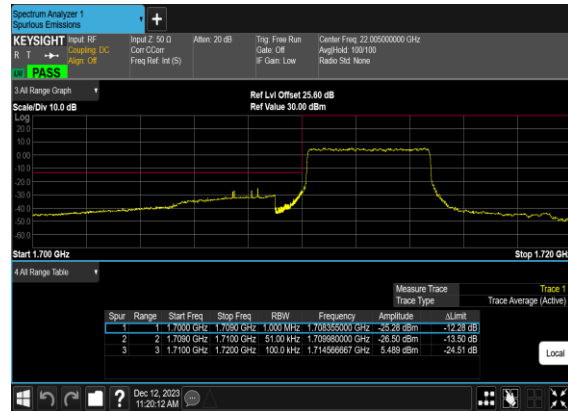
B5_N66(5M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH



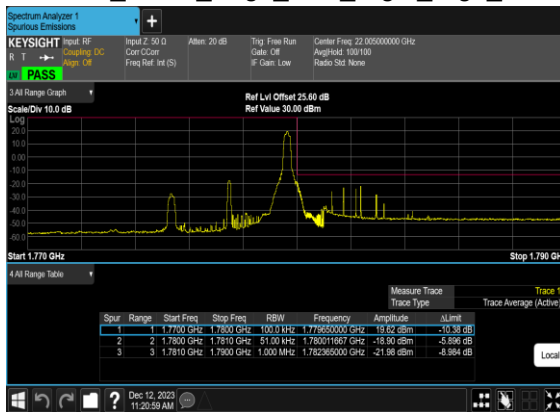
B5_N66(5M)_DFT-s-
OFDM_BPSK_Outer_Full_Low_CH



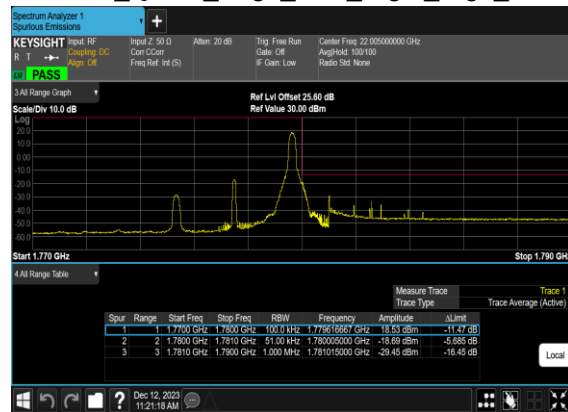
B5_N66(5M)_DFT-s-
OFDM_QPSK_Outer_Full_Low_CH



B5_N66(5M)_DFT-s-
OFDM_BPSK_Edge_1RB_Right_High_CH



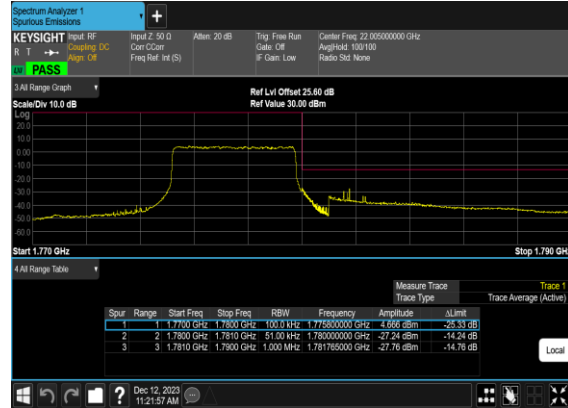
B5_N66(5M)_DFT-s-
OFDM_QPSK_Edge_1RB_Right_High_CH



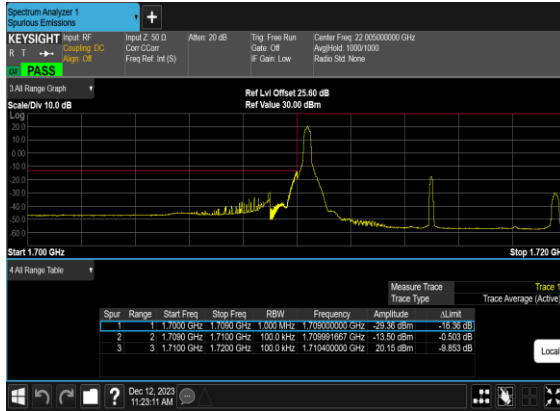
B5_N66(5M)_DFT-s-
OFDM_BPSK_Outer_Full_High_CH



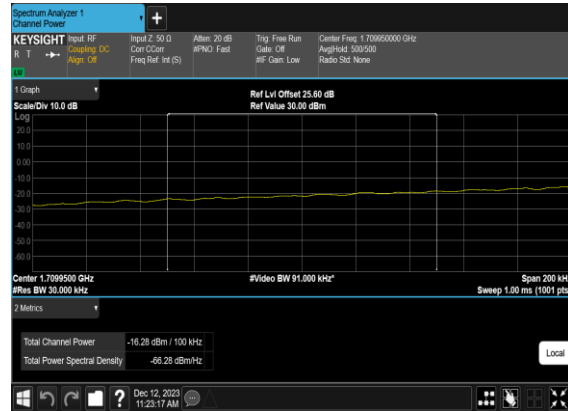
B5_N66(5M)_DFT-s-
OFDM_QPSK_Outer_Full_High_CH



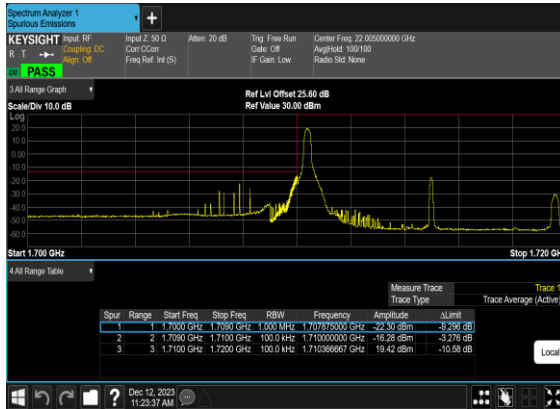
B5_N66(10M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



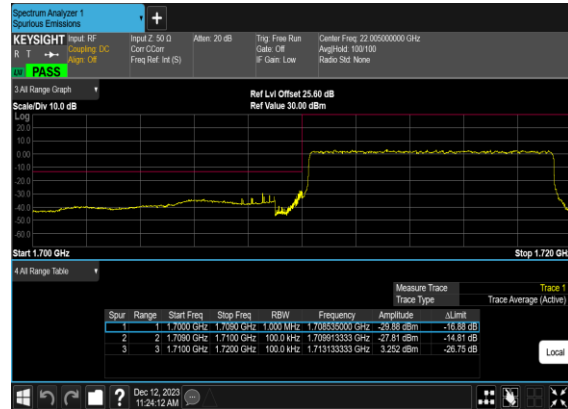
B5_N66(10M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH_chp_ PASS



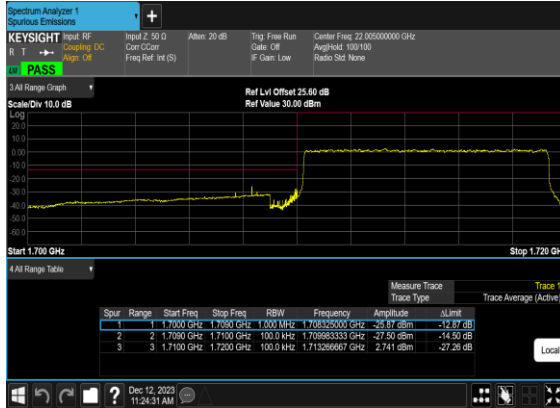
B5_N66(10M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH



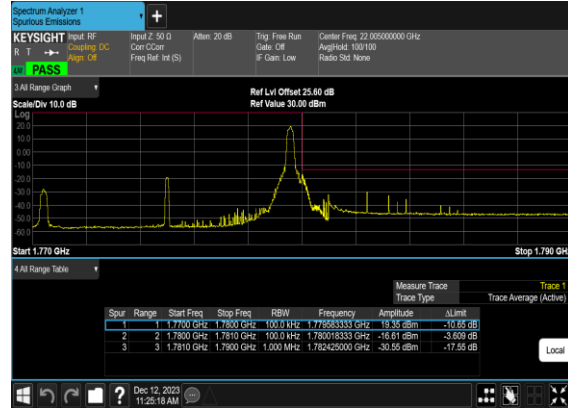
B5_N66(10M)_DFT-s-
OFDM_BPSK_Outer_Full_Low_CH



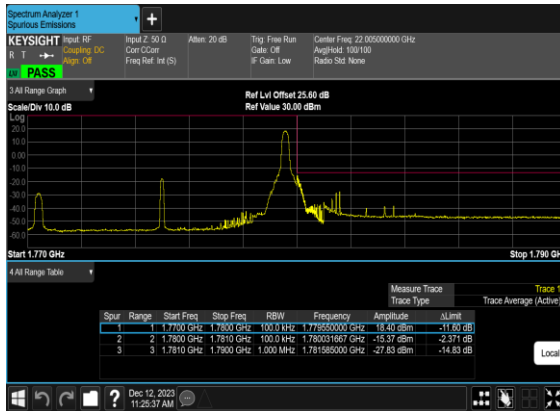
B5_N66(10M)_DFT-s-
OFDM_QPSK_Outer_Full_Low_CH



B5_N66(10M)_DFT-s-
OFDM_BPSK_Edge_1RB_Right_High_CH



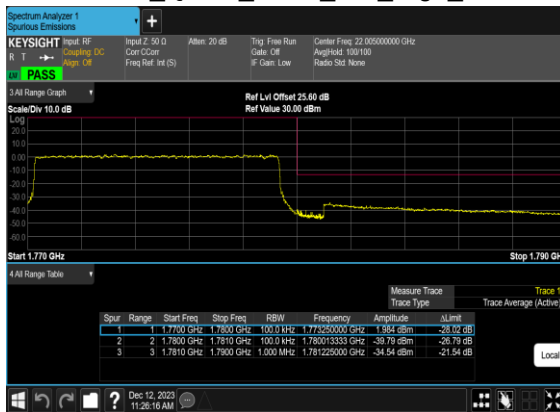
B5_N66(10M)_DFT-s-
OFDM_QPSK_Edge_1RB_Right_High_CH



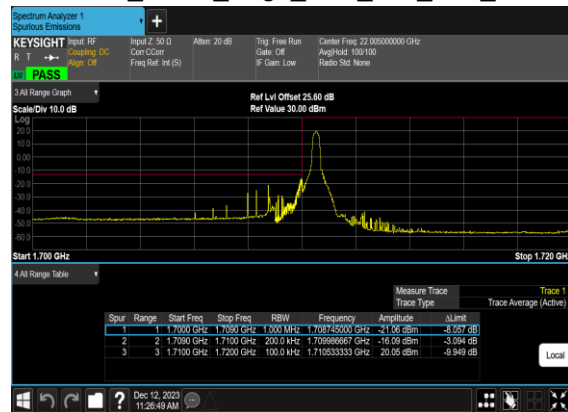
B5_N66(10M)_DFT-s-
OFDM_BPSK_Outer_Full_High_CH



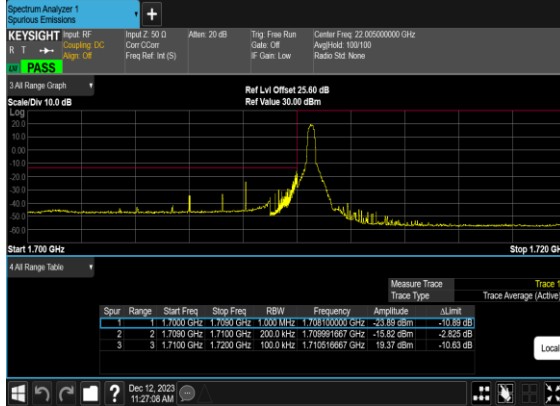
B5_N66(10M)_DFT-s-
OFDM_QPSK_Outer_Full_High_CH



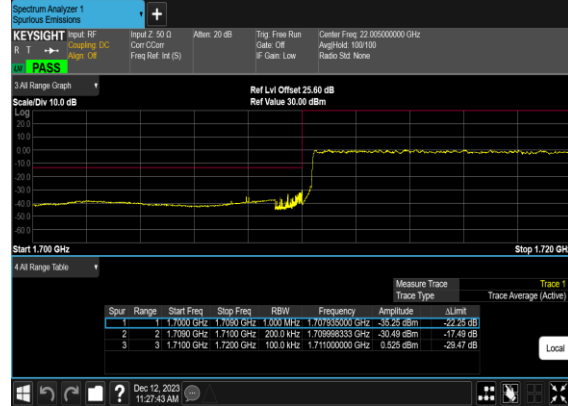
B5_N66(20M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



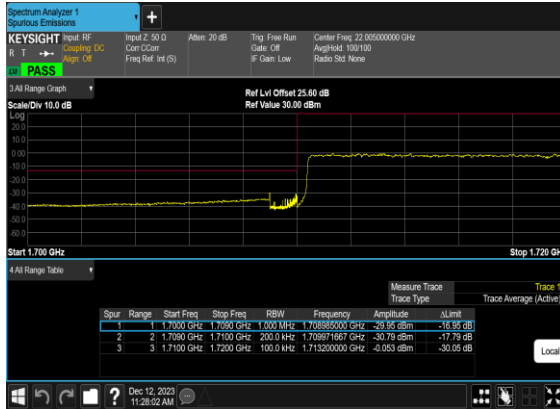
B5_N66(20M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH



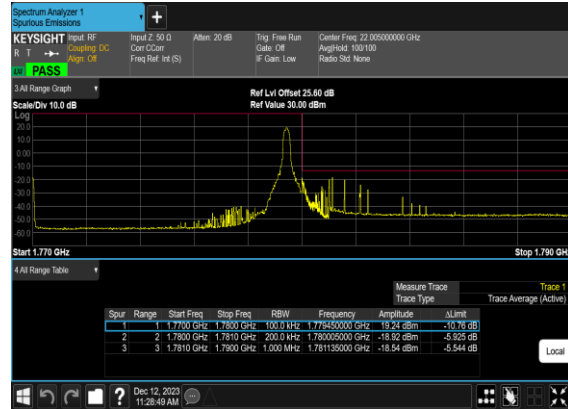
B5_N66(20M)_DFT-s-
OFDM_BPSK_Outer_Full_Low_CH



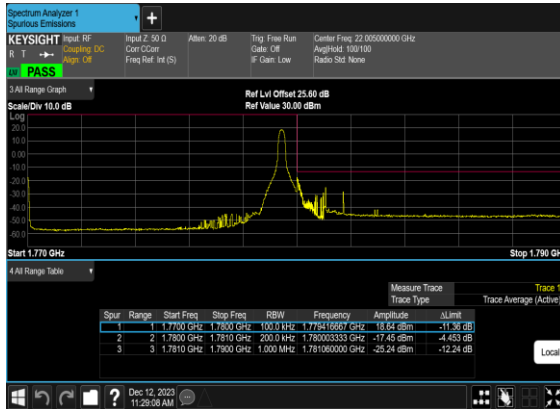
B5_N66(20M)_DFT-s-
OFDM_QPSK_Outer_Full_Low_CH



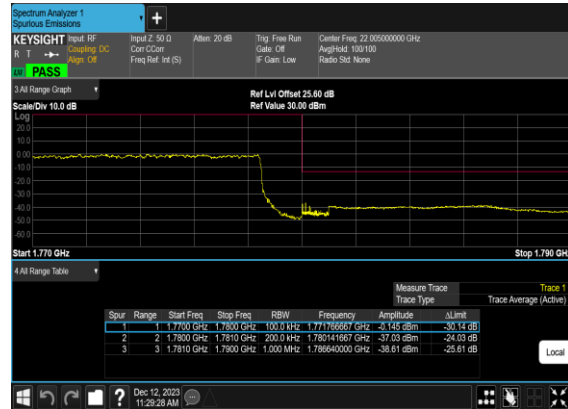
B5_N66(20M)_DFT-s-
OFDM_BPSK_Edge_1RB_Right_High_CH



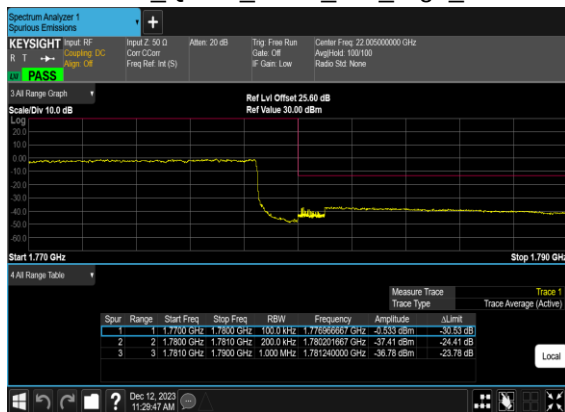
B5_N66(20M)_DFT-s-
OFDM_QPSK_Edge_1RB_Right_High_CH



B5_N66(20M)_DFT-s-
OFDM_BPSK_Outer_Full_High_CH



B5_N66(20M)_DFT-s-
OFDM_QPSK_Outer_Full_High_CH





Appendix B. Test Results of Radiated Test

Radiated Spurious Emission

Test Engineer :	Carl Ni	Temperature :	23~25°C
		Relative Humidity :	41~42%

Note: Pre-scanned harmonic for the different antenna combinations, we choose the worst antenna mode to perform final test.

n2 SA / NR 20MHz / QPSK(ANT0)								
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	3735	-54.94	-13	-41.94	-67.20	2.64	14.90	H
	5610	-53.65	-13	-40.65	-65.51	2.94	14.80	H
	7485	-51.09	-13	-38.09	-60.86	3.39	13.16	H
	3735	-55.09	-13	-42.09	-67.35	2.64	14.90	V
	5610	-54.14	-13	-41.14	-66.00	2.94	14.80	V
	7485	-51.67	-13	-38.67	-61.44	3.39	13.16	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

EN-DC_66A_n2A / LTE 20MHz + NR 20MHz / QPSK (ANT0+5) – other PA								
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	3735	-55.37	-13	-42.37	-67.63	2.64	14.90	H
	5610	-53.89	-13	-40.89	-65.75	2.94	14.80	H
	7485	-51.39	-13	-38.39	-61.16	3.39	13.16	H
	3735	-55.18	-13	-42.18	-67.44	2.64	14.90	V
	5610	-54.32	-13	-41.32	-66.18	2.94	14.80	V
	7485	-51.17	-13	-38.17	-60.94	3.39	13.16	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

n5 SA / NR 20MHz / QPSK(ANT0)								
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1656	-63.60	-13	-50.60	-70.57	1.58	10.70	H
	2480	-62.08	-13	-49.08	-70.33	2.102	12.50	H
	3312	-61.67	-13	-48.67	-70.56	2.856	13.90	H
	1656	-63.55	-13	-50.55	-70.52	1.58	10.70	V
	2480	-60.42	-13	-47.42	-68.67	2.10	12.50	V
	3312	-61.44	-13	-48.44	-70.33	2.86	13.90	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

EN-DC_66A_n5A / LTE 20MHz + NR 20MHz / QPSK (ANT5+0) – other PA								
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1656	-69.21	-13	-56.21	-76.18	1.58	10.70	H
	2480	-65.32	-13	-52.32	-73.57	2.102	12.50	H
	3312	-63.37	-13	-50.37	-72.26	2.856	13.90	H
	1656	-68.16	-13	-55.16	-75.13	1.58	10.70	V
	2480	-63.19	-13	-50.19	-71.44	2.10	12.50	V
	3312	-64.07	-13	-51.07	-72.96	2.86	13.90	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

n7 SA / NR 20MHz / QPSK(ANT6)								
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	5050	-47.16	-25	-22.16	-57.37	3.03	13.24	H
	7570	-55.13	-25	-30.13	-64.58	3.56	13.01	H
	10104	-58.76	-25	-33.76	-68.28	3.92	13.44	H
	5050	-40.80	-25	-15.80	-51.01	3.03	13.24	V
	7570	-54.88	-25	-29.88	-64.33	3.56	13.01	V
	10104	-58.94	-25	-33.94	-68.46	3.92	13.44	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.



n12 SA / NR 15MHz / QPSK(ANT0)								
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1400	-68.38	-13	-55.38	-75.35	1.58	10.70	H
	2104	-63.80	-13	-50.80	-72.05	2.102	12.50	H
	2800	-60.82	-13	-47.82	-69.71	2.856	13.90	H
	1400	-67.30	-13	-54.30	-74.27	1.58	10.70	V
	2104	-62.56	-13	-49.56	-70.81	2.10	12.50	V
	2800	-60.10	-13	-47.10	-68.99	2.86	13.90	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

n25 SA / NR 20MHz / QPSK(ANT0)								
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	3750	-55.71	-13	-42.71	-67.97	2.64	14.90	H
	5625	-53.69	-13	-40.69	-65.55	2.94	14.80	H
	7500	-51.69	-13	-38.69	-61.46	3.39	13.16	H
	3750	-55.47	-13	-42.47	-67.73	2.64	14.90	V
	5625	-54.44	-13	-41.44	-66.30	2.94	14.80	V
	7500	-51.63	-13	-38.63	-61.40	3.39	13.16	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

n66 SA / NR 20MHz / QPSK(ANT0)								
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	3465	-57.98	-13	-44.98	-68.72	2.604	13.34	H
	5205	-52.79	-13	-39.79	-63.30	3.011	13.52	H
	6945	-53.13	-13	-40.13	-63.33	3.271	13.47	H
	3465	-58.83	-13	-45.83	-69.57	2.604	13.34	V
	5205	-53.16	-13	-40.16	-63.67	3.011	13.52	V
	6945	-53.09	-13	-40.09	-63.29	3.271	13.47	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.



EN-DC_12A_n66A / LTE 15MHz + NR 20MHz / QPSK (ANT0+5) – other PA								
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	3465	-58.14	-13	-45.14	-68.88	2.604	13.34	H
	5205	-52.85	-13	-39.85	-63.36	3.011	13.52	H
	6945	-52.67	-13	-39.67	-62.87	3.271	13.47	H
	3465	-57.95	-13	-44.95	-68.69	2.604	13.34	V
	5205	-52.99	-13	-39.99	-63.50	3.011	13.52	V
	6945	-52.89	-13	-39.89	-63.09	3.271	13.47	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

n41 SA / NR 100MHz / QPSK(ANT6)								
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	5092	-59.52	-25	-34.52	-69.73	3.03	13.24	H
	7640	-60.13	-25	-35.13	-69.58	3.56	13.01	H
	10188	-59.15	-25	-34.15	-68.67	3.92	13.44	H
	5092	-58.20	-25	-33.20	-68.41	3.03	13.24	V
	7640	-59.84	-25	-34.84	-69.29	3.56	13.01	V
	10188	-59.34	-25	-34.34	-68.86	3.92	13.44	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

EN-DC_66A_n41A / LTE 20MHz + NR 100MHz / QPSK (ANT0+5) – other PA								
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	5092	-61.03	-25	-36.03	-71.24	3.03	13.24	H
	7640	-60.24	-25	-35.24	-69.69	3.56	13.01	H
	10188	-58.92	-25	-33.92	-68.44	3.92	13.44	H
	5092	-61.31	-25	-36.31	-71.52	3.03	13.24	V
	7640	-60.24	-25	-35.24	-69.69	3.56	13.01	V
	10188	-59.52	-25	-34.52	-69.04	3.92	13.44	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

n41 UL MIMO / NR 100MHz+100MHz / QPSK (ANT5+6)								
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	5092	-58.45	-25	-33.45	-68.66	3.03	13.24	H
	7640	-60.86	-25	-35.86	-70.31	3.56	13.01	H
	10188	-57.42	-25	-32.42	-66.94	3.92	13.44	H
	5092	-57.31	-25	-32.31	-67.52	3.03	13.24	V
	7640	-60.72	-25	-35.72	-70.17	3.56	13.01	V
	10188	-57.02	-25	-32.02	-66.54	3.92	13.44	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.