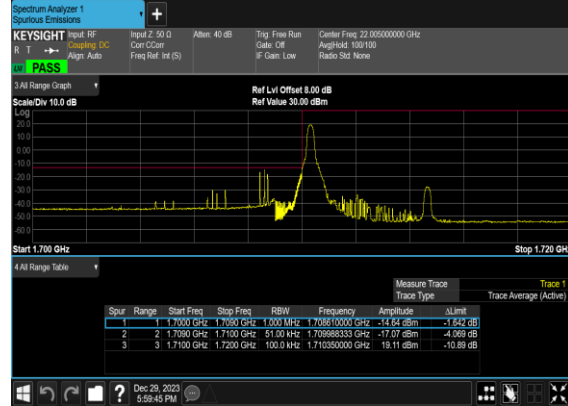


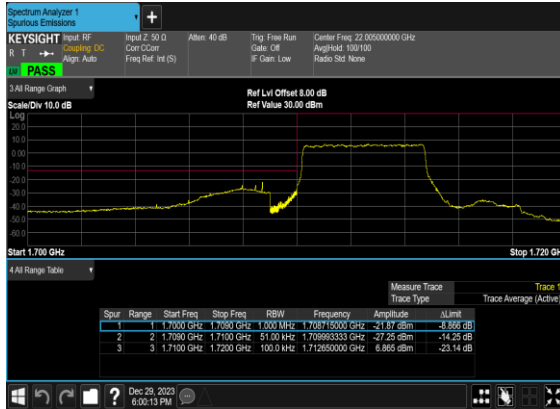
B5_N66(5M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



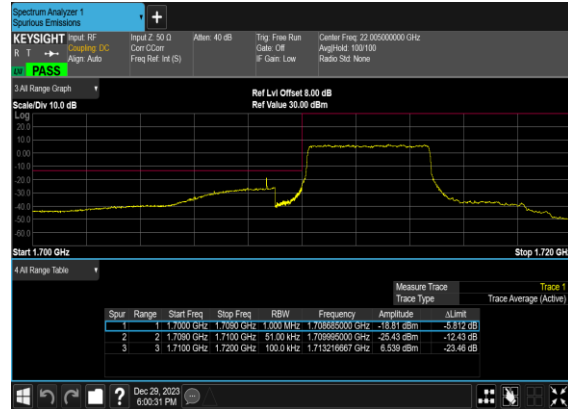
B5_N66(5M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH



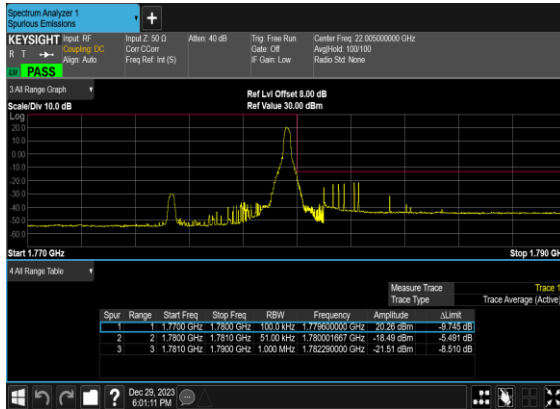
B5_N66(5M)_DFT-s-
OFDM_BPSK_Outer_Full_Low_CH



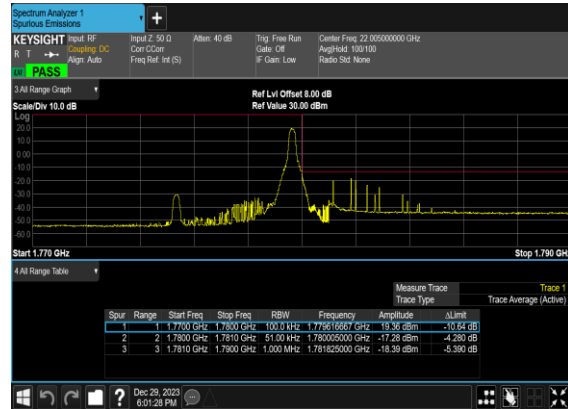
B5_N66(5M)_DFT-s-
OFDM_QPSK_Outer_Full_Low_CH



B5_N66(5M)_DFT-s-
OFDM_BPSK_Edge_1RB_Right_High_CH



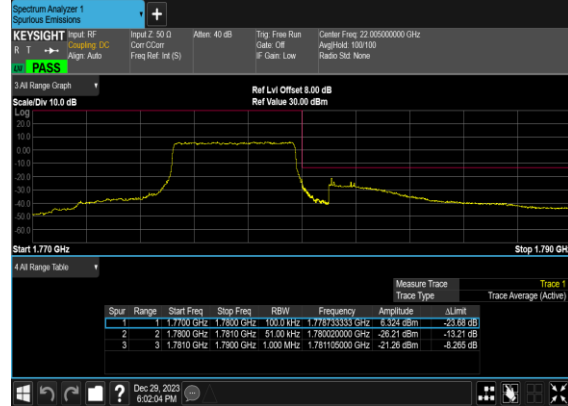
B5_N66(5M)_DFT-s-
OFDM_QPSK_Edge_1RB_Right_High_CH



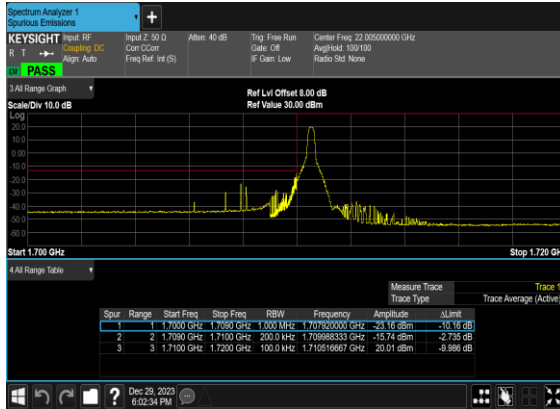
B5_N66(5M)_DFT-s-
OFDM_BPSK_Outer_Full_High_CH



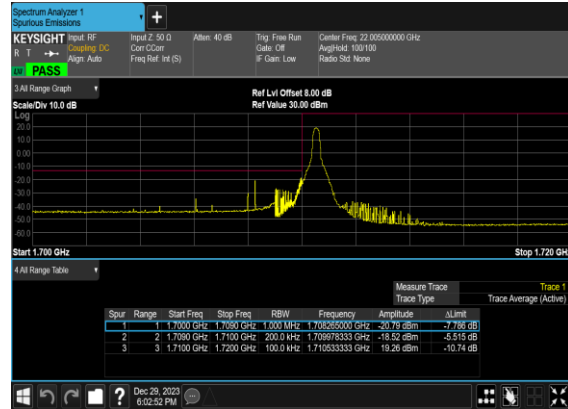
B5_N66(5M)_DFT-s-
OFDM_QPSK_Outer_Full_High_CH



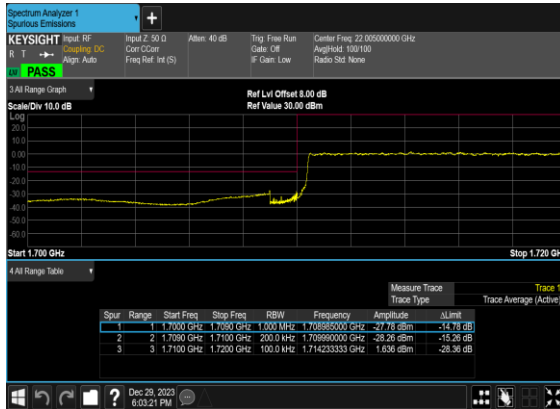
B5_N66(20M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



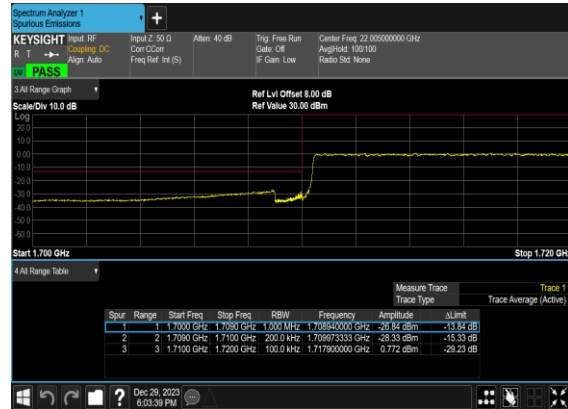
B5_N66(20M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH



B5_N66(20M)_DFT-s-
OFDM_BPSK_Outer_Full_Low_CH



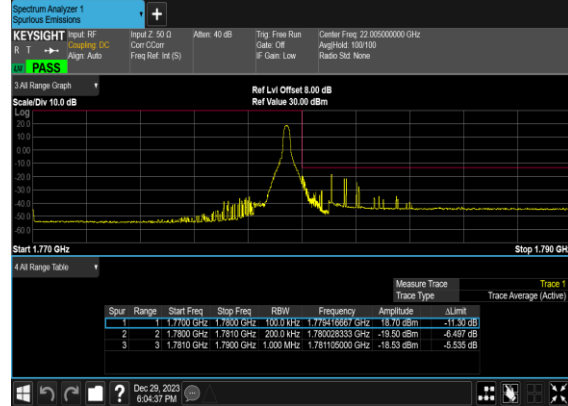
B5_N66(20M)_DFT-s-
OFDM_QPSK_Outer_Full_Low_CH



B5_N66(20M)_DFT-s-
OFDM_BPSK_Edge_1RB_Right_High_CH



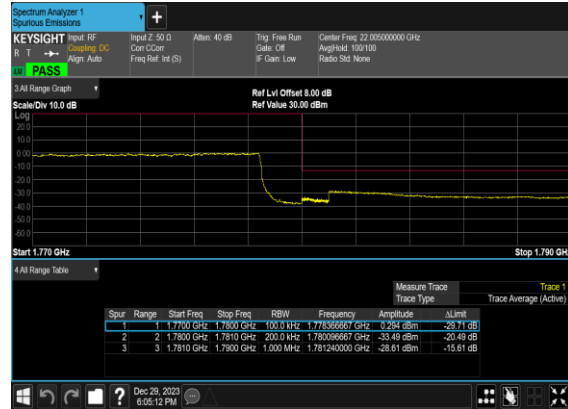
B5_N66(20M)_DFT-s-
OFDM_QPSK_Edge_1RB_Right_High_CH



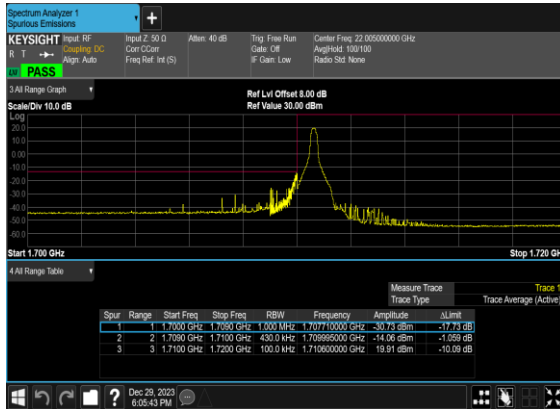
B5_N66(20M)_DFT-s-
OFDM_BPSK_Outer_Full_High_CH



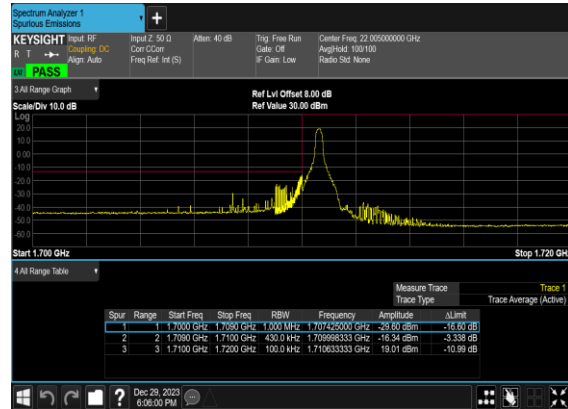
B5_N66(20M)_DFT-s-
OFDM_QPSK_Outer_Full_High_CH



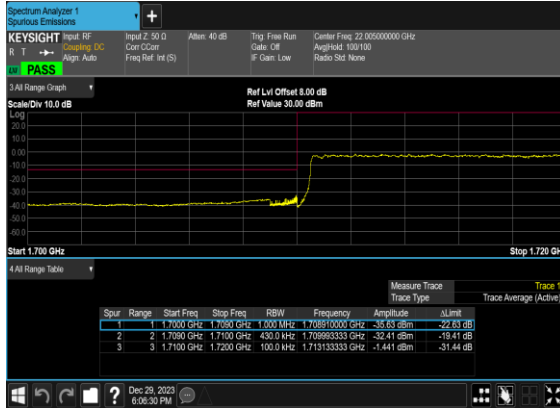
B5_N66(40M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



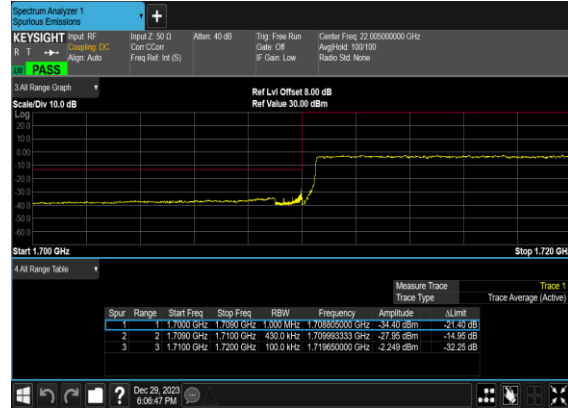
B5_N66(40M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH



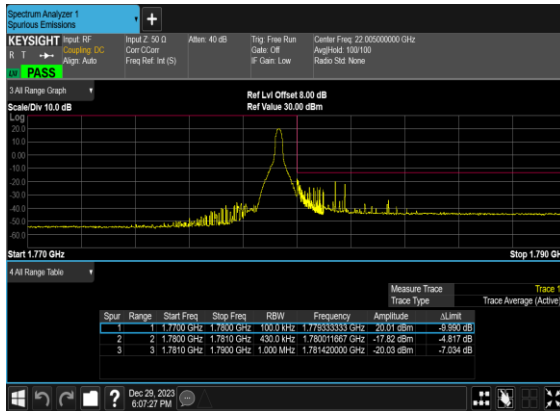
B5_N66(40M)_DFT-s-
OFDM_BPSK_Outer_Full_Low_CH



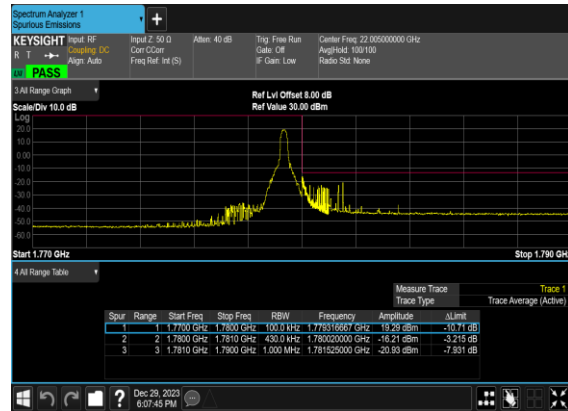
B5_N66(40M)_DFT-s-
OFDM_QPSK_Outer_Full_Low_CH



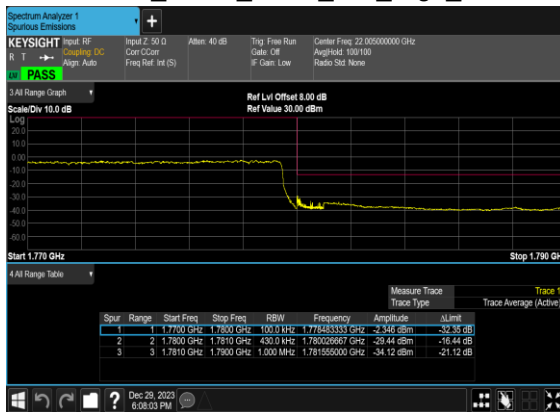
B5_N66(40M)_DFT-s-
OFDM_BPSK_Edge_1RB_Right_High_CH



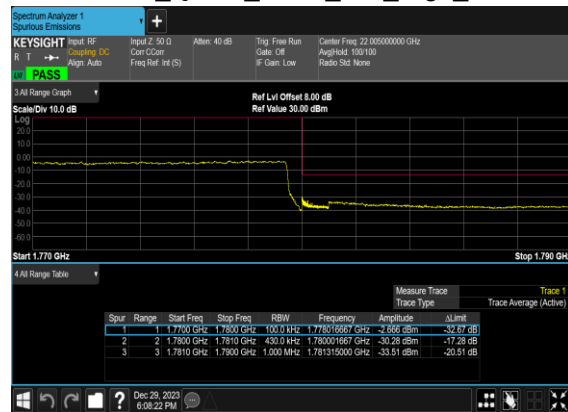
B5_N66(40M)_DFT-s-
OFDM_QPSK_Edge_1RB_Right_High_CH



B5_N66(40M)_DFT-s-
OFDM_BPSK_Outer_Full_High_CH



B5_N66(40M)_DFT-s-
OFDM_QPSK_Outer_Full_High_CH



FR1 N70(ANT2)

Transmitter Conducted Output Power And EIRP, ($G_T - L_C$)=1.24dB

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Conducted Power(dBm)	EIRP (dBm)	EIRP (W)
70	15	5	339500	1697.5	DFT-s-OFDM QPSK	1@1	22.11	23.35	0.2163
70	15	5	339500	1697.5	DFT-s-OFDM 16 QAM	1@1	20.92	22.16	0.1644
70	15	5	340500	1702.5	DFT-s-OFDM QPSK	1@1	22.1	23.34	0.2158
70	15	5	340500	1702.5	DFT-s-OFDM 16 QAM	1@1	20.97	22.21	0.1663
70	15	5	341500	1707.5	DFT-s-OFDM QPSK	1@1	22.1	23.34	0.2158
70	15	5	341500	1707.5	DFT-s-OFDM 16 QAM	1@1	20.97	22.21	0.1663
70	15	10	340000	1700	DFT-s-OFDM QPSK	1@1	21.76	23	0.1995
70	15	10	340000	1700	DFT-s-OFDM 16 QAM	1@1	21.21	22.45	0.1758
70	15	10	340500	1702.5	DFT-s-OFDM QPSK	1@1	22.03	23.27	0.2123
70	15	10	340500	1702.5	DFT-s-OFDM 16 QAM	1@1	20.85	22.09	0.1618
70	15	10	341000	1705	DFT-s-OFDM QPSK	1@1	21.67	22.91	0.1954
70	15	10	341000	1705	DFT-s-OFDM 16 QAM	1@1	20.95	22.19	0.1656
70	15	15	340500	1702.5	DFT-s-OFDM PI/2 BPSK	36@18	21.04	22.28	0.1690
70	15	15	340500	1702.5	DFT-s-OFDM PI/2 BPSK	1@1	21.79	23.03	0.2009
70	15	15	340500	1702.5	DFT-s-OFDM PI/2 BPSK	1@77	21.86	23.1	0.2042
70	15	15	340500	1702.5	DFT-s-OFDM QPSK	36@18	21.66	22.9	0.1950
70	15	15	340500	1702.5	DFT-s-OFDM QPSK	1@1	22.13	23.37	0.2173
70	15	15	340500	1702.5	DFT-s-OFDM QPSK	1@77	21.85	23.09	0.2037
70	15	15	340500	1702.5	DFT-s-OFDM 16 QAM	36@18	20.75	21.99	0.1581
70	15	15	340500	1702.5	DFT-s-OFDM 16 QAM	1@1	20.93	22.17	0.1648
70	15	15	340500	1702.5	DFT-s-OFDM 16 QAM	1@77	21.03	22.27	0.1687
70	15	15	340500	1702.5	DFT-s-OFDM 64 QAM	36@18	19.31	20.55	0.1135
70	15	15	340500	1702.5	DFT-s-OFDM 64 QAM	1@1	19.53	20.77	0.1194
70	15	15	340500	1702.5	DFT-s-OFDM 64 QAM	1@77	19.62	20.86	0.1219
70	15	15	340500	1702.5	DFT-s-OFDM 256 QAM	36@18	16.7	17.94	0.0622

70	15	15	340500	1702.5	DFT-s-OFDM 256 QAM	1@1	17.09	18.33	0.0681
70	15	15	340500	1702.5	DFT-s-OFDM 256 QAM	1@77	17.1	18.34	0.0682
70	15	15	340500	1702.5	CP-OFDM QPSK	39@19	19.77	21.01	0.1262
70	15	15	340500	1702.5	CP-OFDM QPSK	1@1	20.47	21.71	0.1483
70	15	15	340500	1702.5	CP-OFDM QPSK	1@77	20.41	21.65	0.1462

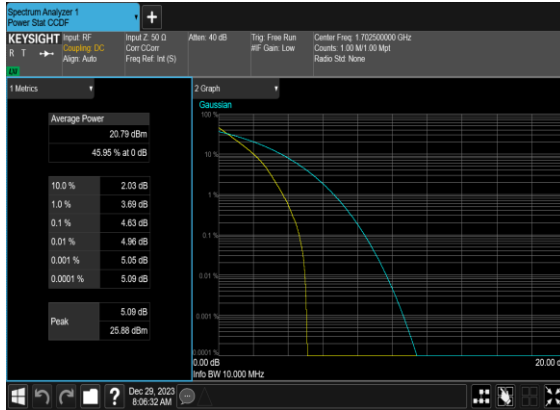
Frequency Stability

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Deviation (ppm)	Verdict	Environment
70	15	10	340500	1702.5	DFT-s-OFDM QPSK	50@0	0.0065	PASS	NV
70	15	10	340500	1702.5	DFT-s-OFDM QPSK	50@0	0.0065	PASS	LV
70	15	10	340500	1702.5	DFT-s-OFDM QPSK	50@0	0.0030	PASS	HV
70	15	10	340500	1702.5	DFT-s-OFDM QPSK	50@0	0.0069	PASS	-30°C
70	15	10	340500	1702.5	DFT-s-OFDM QPSK	50@0	0.0020	PASS	-20°C
70	15	10	340500	1702.5	DFT-s-OFDM QPSK	50@0	0.0040	PASS	-10°C
70	15	10	340500	1702.5	DFT-s-OFDM QPSK	50@0	0.0052	PASS	0°C
70	15	10	340500	1702.5	DFT-s-OFDM QPSK	50@0	0.0029	PASS	10°C
70	15	10	340500	1702.5	DFT-s-OFDM QPSK	50@0	0.0065	PASS	20°C
70	15	10	340500	1702.5	DFT-s-OFDM QPSK	50@0	0.0065	PASS	30°C
70	15	10	340500	1702.5	DFT-s-OFDM QPSK	50@0	0.0050	PASS	40°C
70	15	10	340500	1702.5	DFT-s-OFDM QPSK	50@0	0.0055	PASS	50°C

Peak to Average Ratio

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result (dB)	Limit (dB)	Verdict
70	15	10	340500	1702.5	DFT-s-OFDM PI/2 BPSK	50@0	4.63	13	PASS
70	15	10	340500	1702.5	DFT-s-OFDM QPSK	50@0	5.59	13	PASS

N70(10M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_Mid_CH



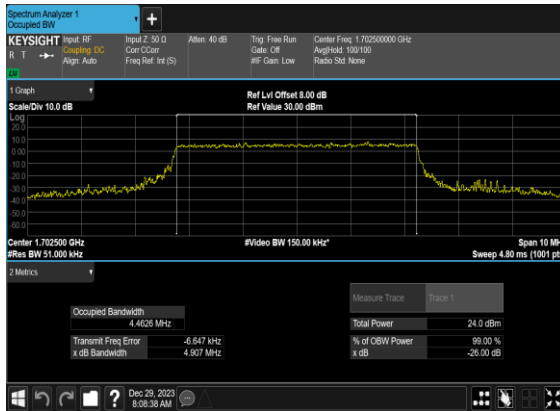
N70(10M)_DFT-s-OFDM_QPSK_Outer_Full_Mid_CH



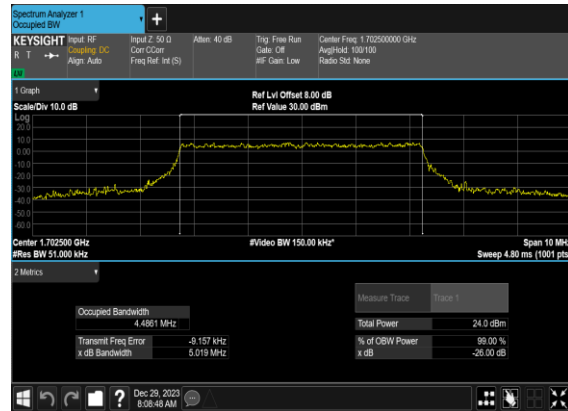
Occupied Bandwidth

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	OBW (MHz)	26dB BW (MHz)
70	15	5	340500	1702.5	CP-OFDM QPSK	25@0	4.4626	4.907
70	15	5	340500	1702.5	CP-OFDM 16 QAM	25@0	4.4861	5.019
70	15	5	340500	1702.5	CP-OFDM 64 QAM	25@0	4.4661	4.912
70	15	5	340500	1702.5	CP-OFDM 256 QAM	25@0	4.4878	5.14
70	15	10	340500	1702.5	CP-OFDM QPSK	52@0	9.2921	10.04
70	15	10	340500	1702.5	CP-OFDM 16 QAM	52@0	9.2801	10.08
70	15	10	340500	1702.5	CP-OFDM 64 QAM	52@0	9.2893	10.13
70	15	10	340500	1702.5	CP-OFDM 256 QAM	52@0	9.3019	10.01
70	15	15	340500	1702.5	CP-OFDM QPSK	79@0	14.114	14.75
70	15	15	340500	1702.5	CP-OFDM 16 QAM	79@0	14.085	14.94
70	15	15	340500	1702.5	CP-OFDM 64 QAM	79@0	14.12	14.96
70	15	15	340500	1702.5	CP-OFDM 256 QAM	79@0	14.112	14.84

N70(5M)_CP- OFDM_QPSK_Outer_Full_Mid_CH



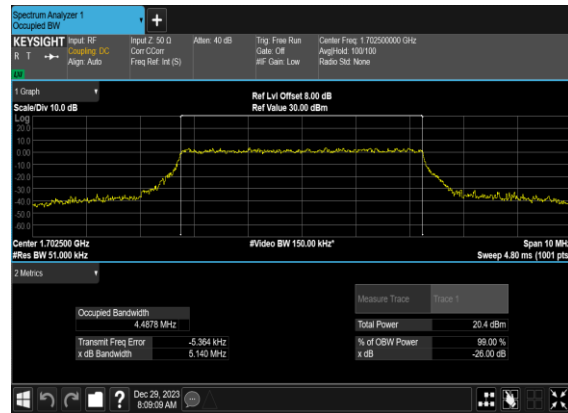
N70(5M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



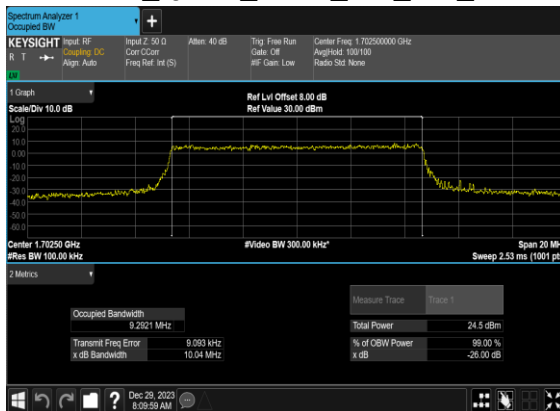
N70(5M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH



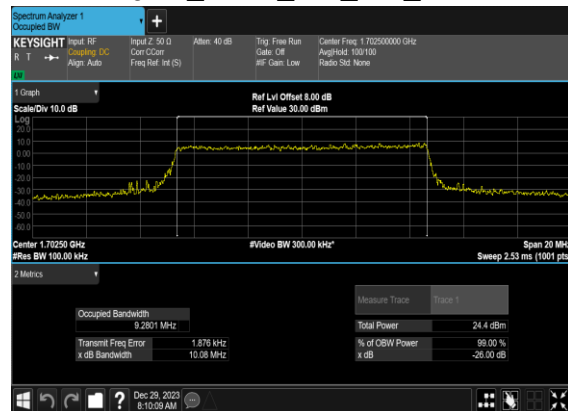
N70(5M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH



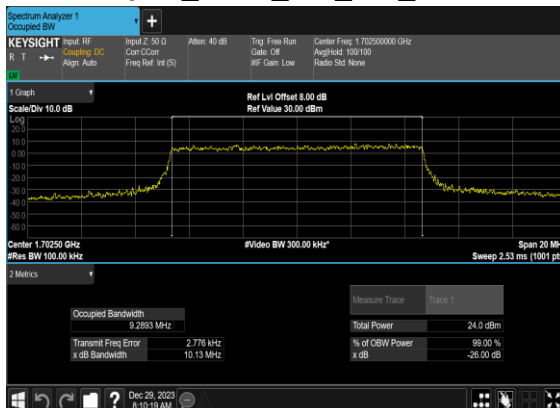
N70(10M)_CP- OFDM_QPSK_Outer_Full_Mid_CH



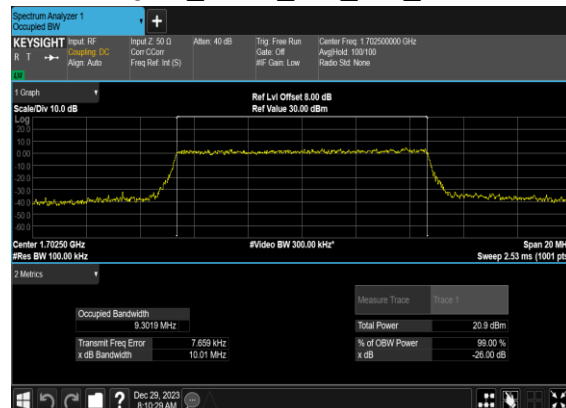
N70(10M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



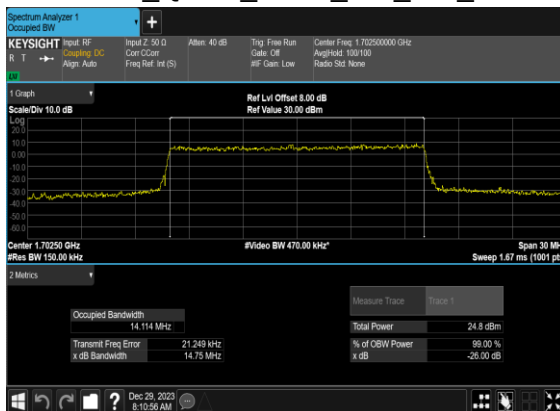
N70(10M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH



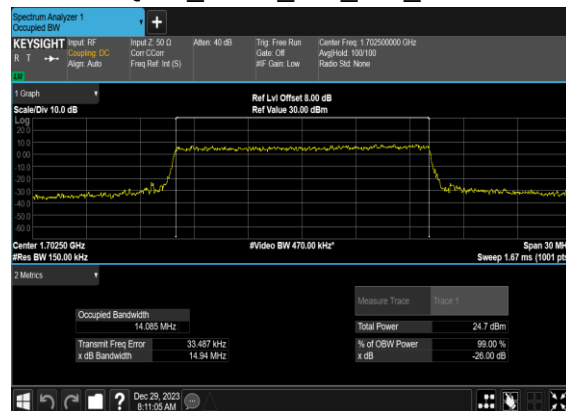
N70(10M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH



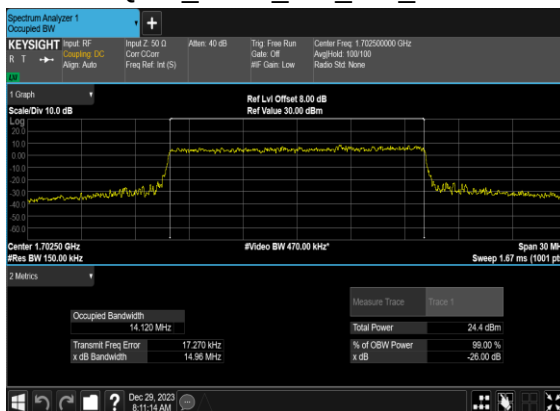
N70(15M)_CP-
OFDM_QPSK_Outer_Full_Mid_CH



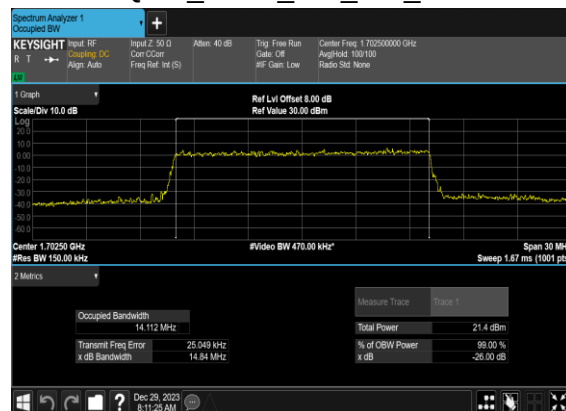
N70(15M)_CP-OFDM_16
QAM_Outer_Full_Mid_CH



N70(15M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH



N70(15M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH

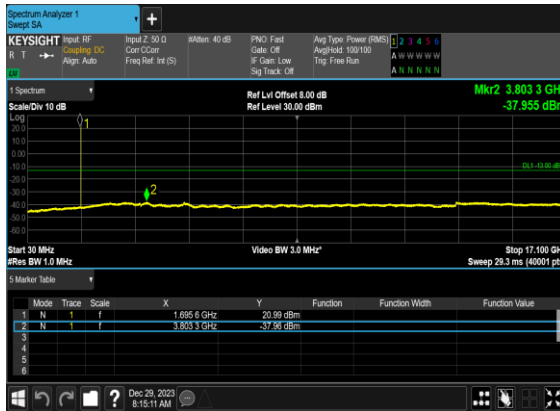


Conducted Spurious Emissions

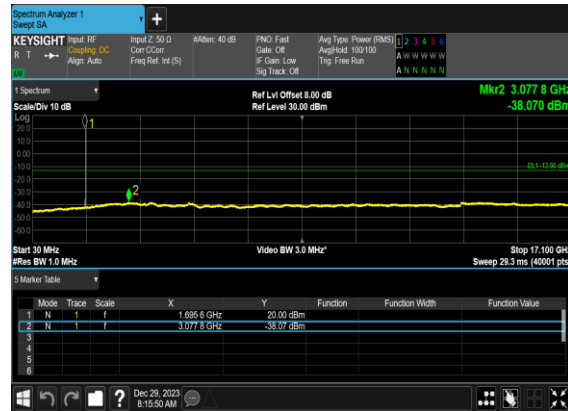
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
70	15	5	339500	1697.5	DFT-s-OFDM BPSK	1@0	see graph	---
70	15	5	339500	1697.5	DFT-s-OFDM BPSK	1@0	see graph	PASS
70	15	5	339500	1697.5	DFT-s-OFDM QPSK	1@0	see graph	---
70	15	5	339500	1697.5	DFT-s-OFDM QPSK	1@0	see graph	PASS
70	15	5	340500	1702.5	DFT-s-OFDM BPSK	1@0	see graph	---
70	15	5	340500	1702.5	DFT-s-OFDM BPSK	1@0	see graph	PASS
70	15	5	340500	1702.5	DFT-s-OFDM QPSK	1@0	see graph	---
70	15	5	340500	1702.5	DFT-s-OFDM QPSK	1@0	see graph	PASS
70	15	5	341500	1707.5	DFT-s-OFDM BPSK	1@0	see graph	---
70	15	5	341500	1707.5	DFT-s-OFDM BPSK	1@0	see graph	PASS
70	15	5	341500	1707.5	DFT-s-OFDM QPSK	1@0	see graph	---
70	15	5	341500	1707.5	DFT-s-OFDM QPSK	1@0	see graph	PASS
70	15	10	340000	1700.0	DFT-s-OFDM BPSK	1@0	see graph	---
70	15	10	340000	1700.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
70	15	10	340000	1700.0	DFT-s-OFDM QPSK	1@0	see graph	---
70	15	10	340000	1700.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
70	15	10	340500	1702.5	DFT-s-OFDM BPSK	1@0	see graph	---
70	15	10	340500	1702.5	DFT-s-OFDM BPSK	1@0	see graph	PASS
70	15	10	340500	1702.5	DFT-s-OFDM QPSK	1@0	see graph	---
70	15	10	340500	1702.5	DFT-s-OFDM QPSK	1@0	see graph	PASS
70	15	10	341000	1705.0	DFT-s-OFDM BPSK	1@0	see graph	---
70	15	10	341000	1705.0	DFT-s-OFDM BPSK	1@0	see graph	PASS

70	15	10	341000	1705.0	DFT-s-OFDM QPSK	1@0	see graph	---
70	15	10	341000	1705.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
70	15	15	340500	1702.5	DFT-s-OFDM BPSK	1@0	see graph	---
70	15	15	340500	1702.5	DFT-s-OFDM BPSK	1@0	see graph	PASS
70	15	15	340500	1702.5	DFT-s-OFDM QPSK	1@0	see graph	---
70	15	15	340500	1702.5	DFT-s-OFDM QPSK	1@0	see graph	PASS

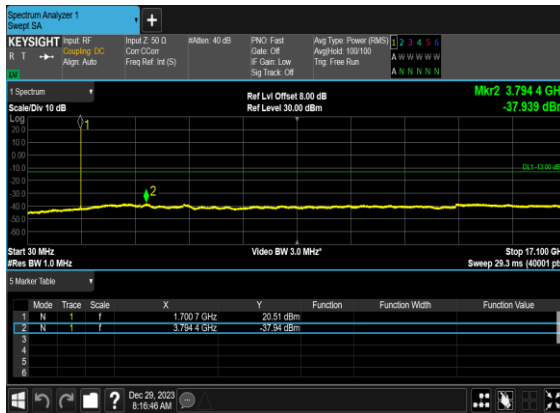
N70(5M)_DFT-s- OFDM_BPSK_Edge_1RB_Left_Low_CH



N70(5M)_DFT-s- OFDM_QPSK_Edge_1RB_Left_Low_CH



N70(5M)_DFT-s- OFDM_BPSK_Edge_1RB_Left_Mid_CH



N70(5M)_DFT-s- OFDM_QPSK_Edge_1RB_Left_Mid_CH



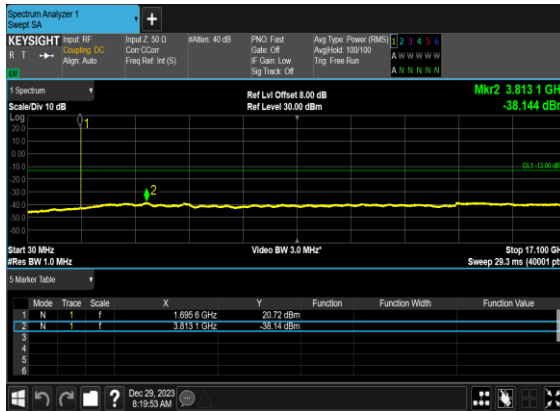
N70(5M)_DFT-s- OFDM_BPSK_Edge_1RB_Left_High_CH



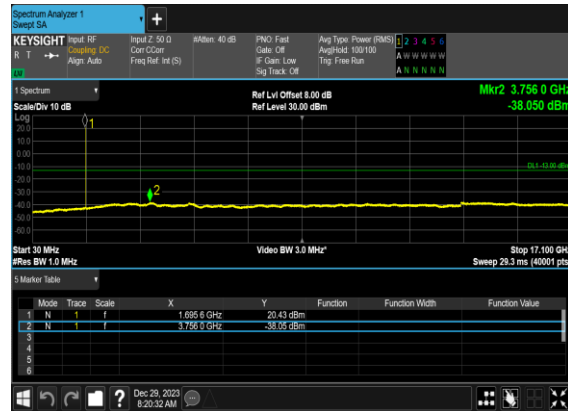
N70(5M)_DFT-s- OFDM_QPSK_Edge_1RB_Left_High_CH



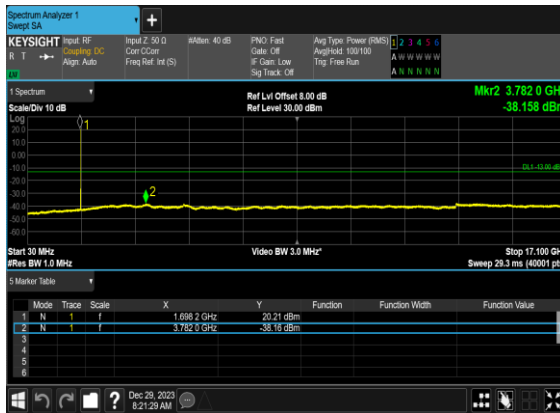
N70(10M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



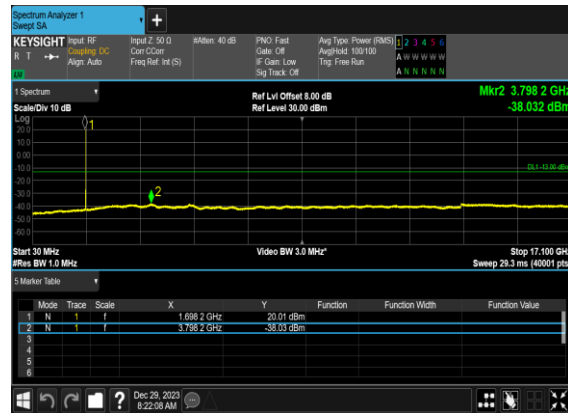
N70(10M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH



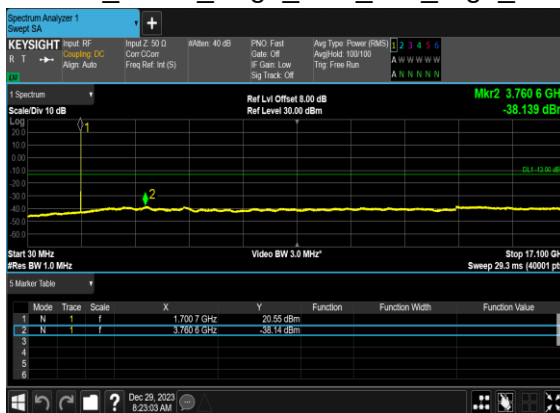
N70(10M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Mid_CH



N70(10M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Mid_CH



N70(10M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_High_CH



N70(10M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_High_CH



N70(15M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



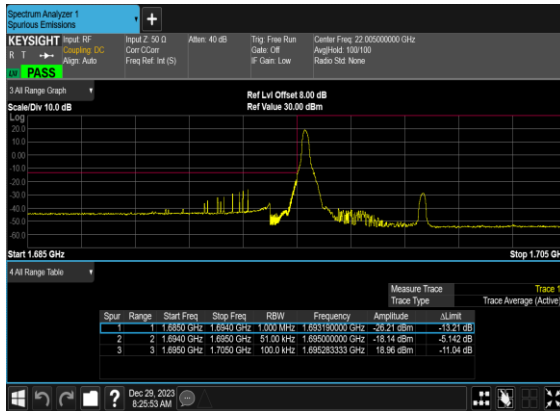
N70(15M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



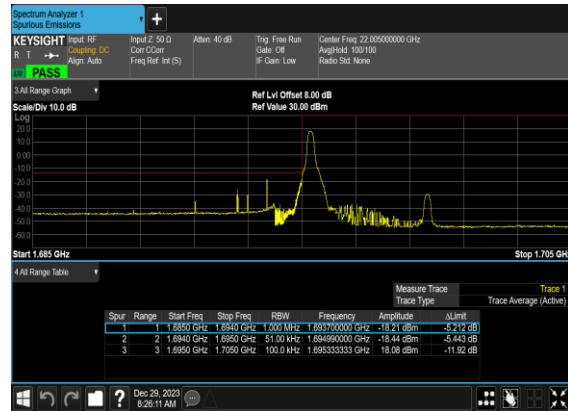
Conducted Band Edge

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
70	15	5	339500	1697.5	DFT-s-OFDM BPSK	1@0	see graph	PASS
70	15	5	339500	1697.5	DFT-s-OFDM QPSK	1@0	see graph	PASS
70	15	5	339500	1697.5	DFT-s-OFDM BPSK	25@0	see graph	PASS
70	15	5	339500	1697.5	DFT-s-OFDM QPSK	25@0	see graph	PASS
70	15	5	341500	1707.5	DFT-s-OFDM BPSK	1@24	see graph	PASS
70	15	5	341500	1707.5	DFT-s-OFDM QPSK	1@24	see graph	PASS
70	15	5	341500	1707.5	DFT-s-OFDM BPSK	25@0	see graph	PASS
70	15	5	341500	1707.5	DFT-s-OFDM QPSK	25@0	see graph	PASS
70	15	10	340000	1700.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
70	15	10	340000	1700.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
70	15	10	340000	1700.0	DFT-s-OFDM BPSK	50@0	see graph	PASS
70	15	10	340000	1700.0	DFT-s-OFDM QPSK	50@0	see graph	PASS
70	15	10	341000	1705.0	DFT-s-OFDM BPSK	1@51	see graph	PASS
70	15	10	341000	1705.0	DFT-s-OFDM QPSK	1@51	see graph	PASS
70	15	10	341000	1705.0	DFT-s-OFDM BPSK	50@0	see graph	PASS
70	15	10	341000	1705.0	DFT-s-OFDM QPSK	50@0	see graph	PASS
70	15	15	340500	1702.5	DFT-s-OFDM BPSK	1@0	see graph	PASS
70	15	15	340500	1702.5	DFT-s-OFDM QPSK	1@0	see graph	PASS
70	15	15	340500	1702.5	DFT-s-OFDM BPSK	1@78	see graph	PASS
70	15	15	340500	1702.5	DFT-s-OFDM QPSK	1@78	see graph	PASS
70	15	15	340500	1702.5	DFT-s-OFDM BPSK	75@0	see graph	PASS
70	15	15	340500	1702.5	DFT-s-OFDM QPSK	75@0	see graph	PASS

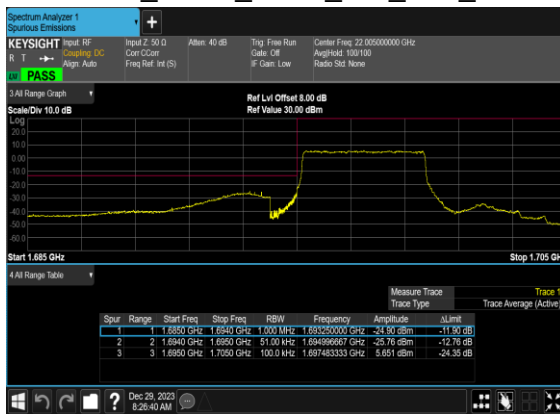
N70(5M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



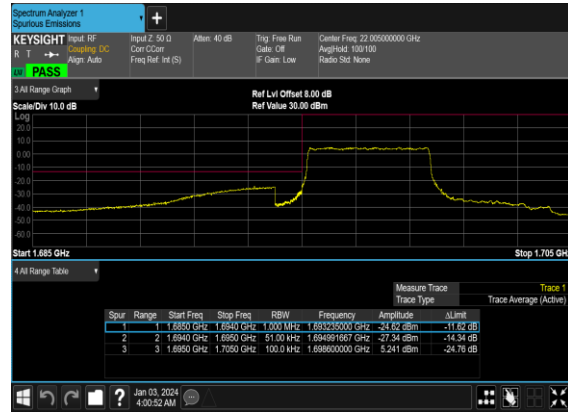
N70(5M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH



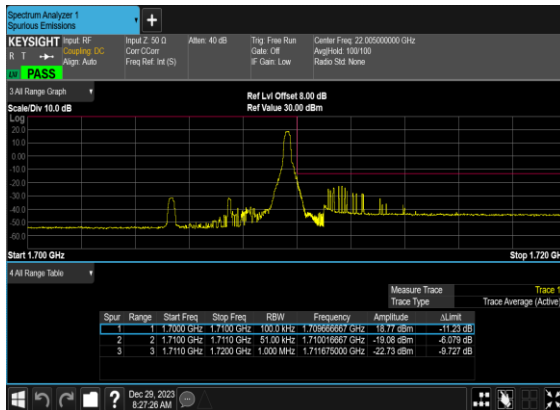
N70(5M)_DFT-s-
OFDM_BPSK_Outer_Full_Low_CH



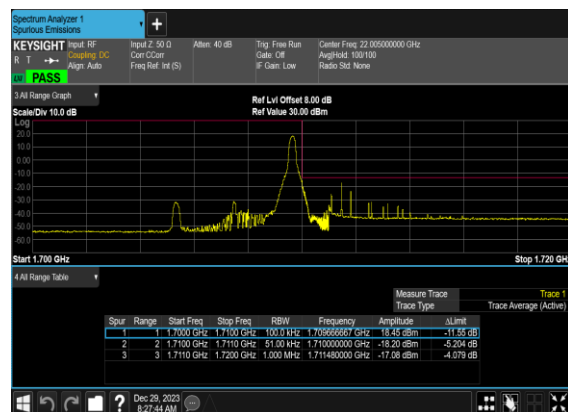
N70(5M)_DFT-s-
OFDM_QPSK_Outer_Full_Low_CH



N70(5M)_DFT-s-
OFDM_BPSK_Edge_1RB_Right_High_CH



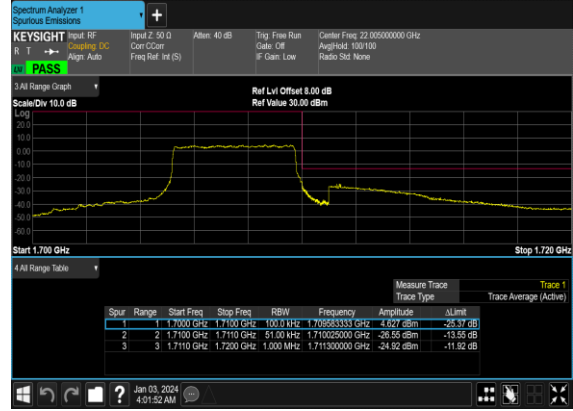
N70(5M)_DFT-s-
OFDM_QPSK_Edge_1RB_Right_High_C
H



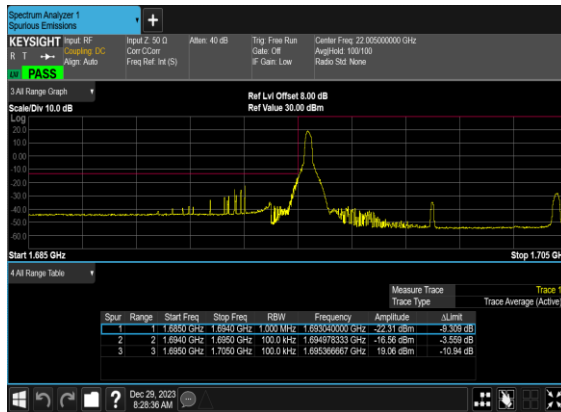
N70(5M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH



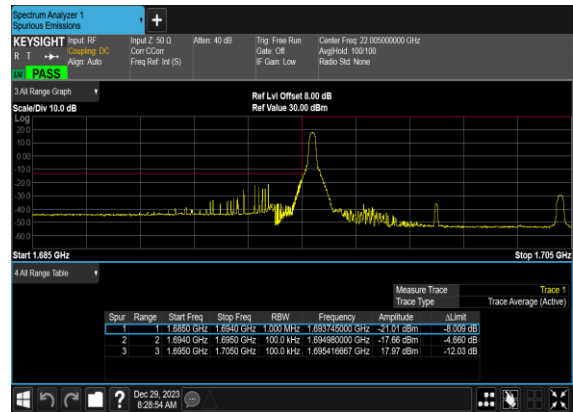
N70(5M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH



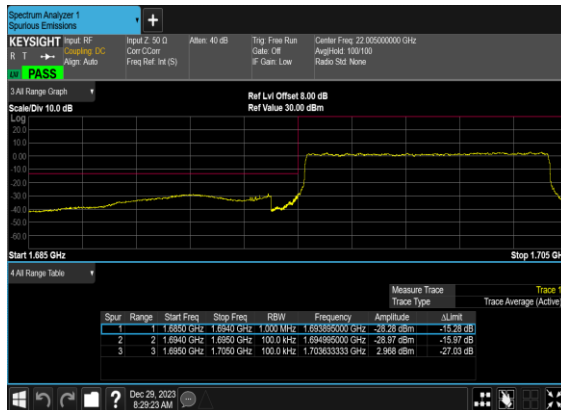
N70(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



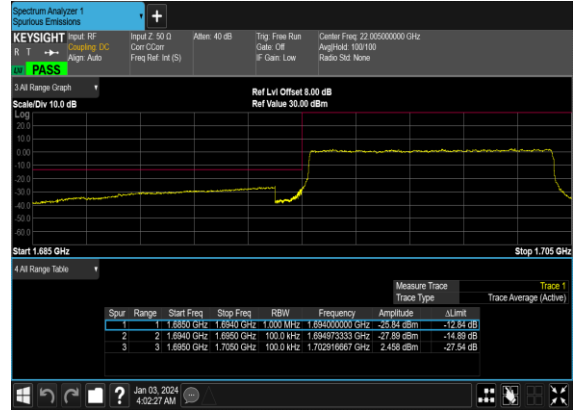
N70(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



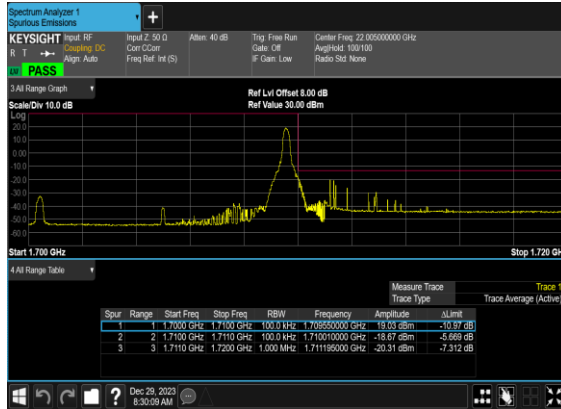
N70(10M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH



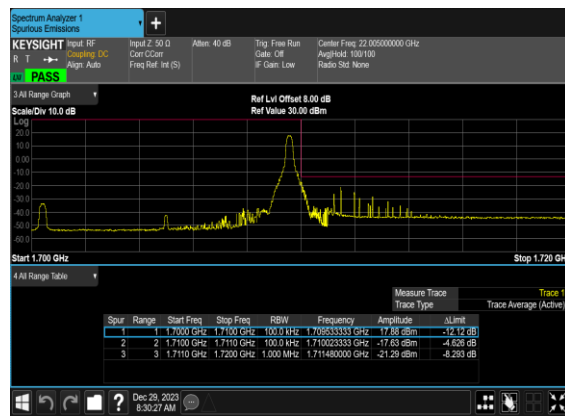
N70(10M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH



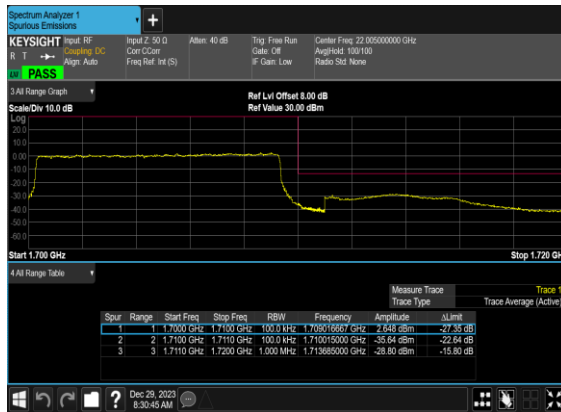
N70(10M)_DFT-s- OFDM_BPSK_Edge_1RB_Right_High_CH



N70(10M)_DFT-s- OFDM_QPSK_Edge_1RB_Right_High_C H



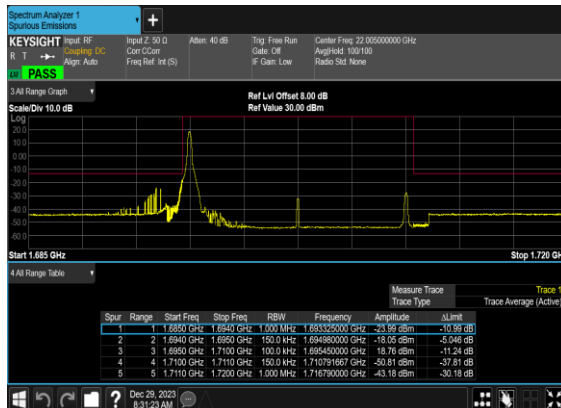
N70(10M)_DFT-s- OFDM_BPSK_Outer_Full_High_CH



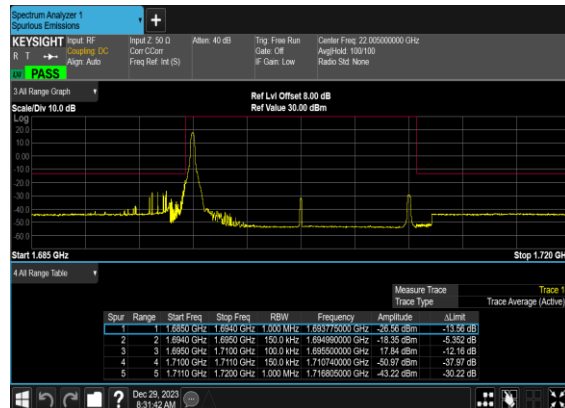
N70(10M)_DFT-s- OFDM_QPSK_Outer_Full_High_CH



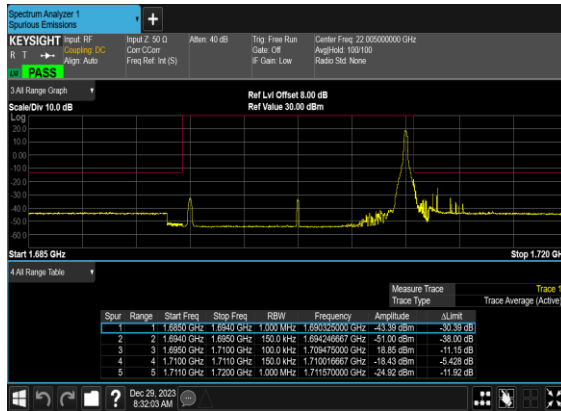
N70(15M)_DFT-s- OFDM_BPSK_Edge_1RB_Left_Mid_CH



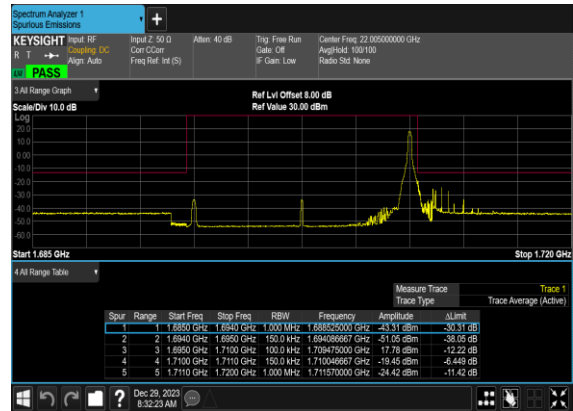
N70(15M)_DFT-s- OFDM_QPSK_Edge_1RB_Left_Mid_CH



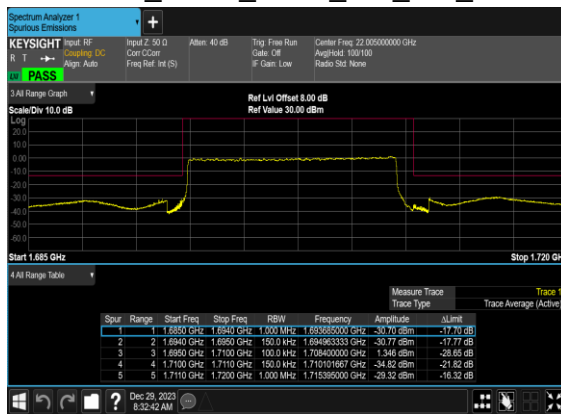
N70(15M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_Mid_CH



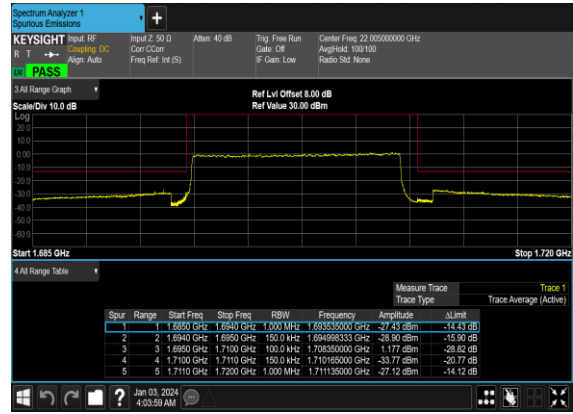
N70(15M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_Mid_CH



N70(15M)_DFT-s-OFDM_BPSK_Outer_Full_Mid_CH



N70(15M)_DFT-s-OFDM_QPSK_Outer_Full_Mid_CH





Appendix B. Test Results of Radiated Test

Radiated Spurious Emission

Test Engineer :	Chris	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.

EN-DC_13A_n2A / LTE 10MHz + NR 20MHz / QPSK (ANT1+2) for 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)
Lowest	3705	-55.16	-13	-42.16	-67.42	2.641	14.90	H
	5550	-53.81	-13	-40.81	-65.67	2.94	14.80	H
	7410	-52.90	-13	-39.90	-62.67	3.39	13.16	H
	3705	-54.88	-13	-41.88	-67.14	2.64	14.90	V
	5550	-54.49	-13	-41.49	-66.35	2.94	14.80	V
	7410	-53.20	-13	-40.20	-62.97	3.39	13.16	V
Middle	3735	-55.79	-13	-42.79	-68.05	2.64	14.90	H
	5610	-53.69	-13	-40.69	-65.55	2.94	14.80	H
	7485	-52.68	-13	-39.68	-62.45	3.39	13.16	H
	3735	-55.65	-13	-42.65	-67.91	2.64	14.90	V
	5610	-54.53	-13	-41.53	-66.39	2.94	14.80	V
	7485	-52.86	-13	-39.86	-62.63	3.39	13.16	V
Highest	3780	-55.93	-13	-42.93	-68.19	2.64	14.90	H
	5670	-54.44	-13	-41.44	-66.30	2.94	14.80	H
	7560	-52.90	-13	-39.90	-62.67	3.39	13.16	H
	3780	-55.79	-13	-42.79	-68.05	2.64	14.90	V
	5670	-54.93	-13	-41.93	-66.79	2.94	14.80	V
	7560	-52.31	-13	-39.31	-62.08	3.39	13.16	V

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



EN-DC_30A_n2A / LTE 10MHz + NR 20MHz / QPSK (ANT9+1)								
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)
Lowest	3705	-55.28	-13	-42.28	-67.54	2.641	14.90	H
	5550	-53.62	-13	-40.62	-65.48	2.94	14.80	H
	7410	-52.79	-13	-39.79	-62.56	3.39	13.16	H
	3705	-54.94	-13	-41.94	-67.20	2.64	14.90	V
	5550	-54.21	-13	-41.21	-66.07	2.94	14.80	V
	7410	-53.06	-13	-40.06	-62.83	3.39	13.16	V
Middle	3735	-55.74	-13	-42.74	-68.00	2.64	14.90	H
	5610	-53.74	-13	-40.74	-65.60	2.94	14.80	H
	7485	-52.62	-13	-39.62	-62.39	3.39	13.16	H
	3735	-55.76	-13	-42.76	-68.02	2.64	14.90	V
	5610	-54.36	-13	-41.36	-66.22	2.94	14.80	V
	7485	-52.66	-13	-39.66	-62.43	3.39	13.16	V
Highest	3780	-56.15	-13	-43.15	-68.41	2.64	14.90	H
	5670	-54.68	-13	-41.68	-66.54	2.94	14.80	H
	7560	-52.78	-13	-39.78	-62.55	3.39	13.16	H
	3780	-55.97	-13	-42.97	-68.23	2.64	14.90	V
	5670	-55.14	-13	-42.14	-67.00	2.94	14.80	V
	7560	-52.57	-13	-39.57	-62.34	3.39	13.16	V

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

EN-DC_30A_n5A / LTE 10MHz + NR 20MHz / QPSK (ANT9+1)								
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)
Lowest	1648	-65.87	-13	-52.87	-72.84	1.58	10.70	H
	2472	-60.98	-13	-47.98	-69.23	2.102	12.50	H
	3304	-60.21	-13	-47.21	-69.10	2.856	13.90	H
	1648	-65.23	-13	-52.23	-72.20	1.58	10.70	V
	2472	-58.67	-13	-45.67	-66.92	2.10	12.50	V
	3304	-60.43	-13	-47.43	-69.32	2.86	13.90	V
Middle	1656	-65.54	-13	-52.54	-72.51	1.58	10.70	H
	2480	-61.35	-13	-48.35	-69.60	2.102	12.50	H
	3312	-60.08	-13	-47.08	-68.97	2.856	13.90	H
	1656	-64.65	-13	-51.65	-71.62	1.58	10.70	V
	2480	-59.38	-13	-46.38	-67.63	2.10	12.50	V
	3312	-60.03	-13	-47.03	-68.92	2.86	13.90	V
Highest	1664	-65.11	-13	-52.11	-72.08	1.58	10.70	H
	2488	-60.89	-13	-47.89	-69.14	2.102	12.50	H
	3320	-59.94	-13	-46.94	-68.83	2.856	13.90	H
	1664	-63.98	-13	-50.98	-70.95	1.58	10.70	V
	2488	-59.43	-13	-46.43	-67.68	2.10	12.50	V
	3320	-60.27	-13	-47.27	-69.16	2.86	13.90	V

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



n25 SA / NR 40MHz / QPSK(ANT1)								
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)
Lowest	3705	-55.09	-13	-42.09	-67.35	2.641	14.90	H
	5550	-54.11	-13	-41.11	-65.97	2.94	14.80	H
	7410	-53.38	-13	-40.38	-63.15	3.39	13.16	H
	3705	-54.57	-13	-41.57	-66.83	2.64	14.90	V
	5550	-54.39	-13	-41.39	-66.25	2.94	14.80	V
	7410	-52.92	-13	-39.92	-62.69	3.39	13.16	V
Middle	3735	-55.95	-13	-42.95	-68.21	2.64	14.90	H
	5595	-53.95	-13	-40.95	-65.81	2.94	14.80	H
	7455	-52.77	-13	-39.77	-62.54	3.39	13.16	H
	3735	-55.39	-13	-42.39	-67.65	2.64	14.90	V
	5595	-54.03	-13	-41.03	-65.89	2.94	14.80	V
	7455	-52.98	-13	-39.98	-62.75	3.39	13.16	V
Highest	3750	-55.90	-13	-42.90	-68.16	2.64	14.90	H
	5625	-54.17	-13	-41.17	-66.03	2.94	14.80	H
	7515	-52.87	-13	-39.87	-62.64	3.39	13.16	H
	3750	-55.95	-13	-42.95	-68.21	2.64	14.90	V
	5625	-54.86	-13	-41.86	-66.72	2.94	14.80	V
	7515	-52.80	-13	-39.80	-62.57	3.39	13.16	V

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

n26 SA / NR 20MHz / QPSK(ANT1)								
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)
Lowest	1632	-66.89	-13	-53.89	-73.86	1.58	10.70	H
	2448	-62.05	-13	-49.05	-70.30	2.102	12.50	H
	3256	-61.09	-13	-48.09	-69.98	2.856	13.90	H
	1632	-65.81	-13	-52.81	-72.78	1.58	10.70	V
	2448	-60.13	-13	-47.13	-68.38	2.10	12.50	V
	3256	-60.67	-13	-47.67	-69.56	2.86	13.90	V
Middle	1648	-66.97	-13	-53.97	-73.94	1.58	10.70	H
	2472	-62.13	-13	-49.13	-70.38	2.102	12.50	H
	3288	-61.33	-13	-48.33	-70.22	2.856	13.90	H
	1648	-66.05	-13	-53.05	-73.02	1.58	10.70	V
	2472	-56.63	-13	-43.63	-64.88	2.10	12.50	V
	3288	-61.07	-13	-48.07	-69.96	2.86	13.90	V
Highest	1656	-66.32	-13	-53.32	-73.29	1.58	10.70	H
	2472	-60.79	-13	-47.79	-69.04	2.102	12.50	H
	3320	-61.60	-13	-48.60	-70.49	2.856	13.90	H
	1656	-65.28	-13	-52.28	-72.25	1.58	10.70	V
	2472	-55.61	-13	-42.61	-63.86	2.10	12.50	V
	3320	-61.69	-13	-48.69	-70.58	2.86	13.90	V

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



n66 SA / NR 40MHz / QPSK(ANT1)								
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)
Lowest	3420	-57.97	-13	-44.97	-68.71	2.604	13.34	H
	5130	-54.29	-13	-41.29	-64.80	3.011	13.52	H
	6855	-54.11	-13	-41.11	-64.31	3.271	13.47	H
	3420	-57.55	-13	-44.55	-68.29	2.604	13.34	V
	5130	-54.06	-13	-41.06	-64.57	3.011	13.52	V
	6855	-54.10	-13	-41.10	-64.30	3.271	13.47	V
Middle	3450	-56.29	-13	-43.29	-67.03	2.604	13.34	H
	5175	-54.01	-13	-41.01	-64.52	3.011	13.52	H
	6915	-54.37	-13	-41.37	-64.57	3.271	13.47	H
	3450	-58.18	-13	-45.18	-68.92	2.604	13.34	V
	5175	-54.07	-13	-41.07	-64.58	3.011	13.52	V
	6915	-54.08	-13	-41.08	-64.28	3.271	13.47	V
Highest	3480	-58.61	-13	-45.61	-69.35	2.604	13.34	H
	5220	-53.41	-13	-40.41	-63.92	3.011	13.52	H
	6975	-54.56	-13	-41.56	-64.76	3.271	13.47	H
	3480	-59.09	-13	-46.09	-69.83	2.604	13.34	V
	5220	-53.54	-13	-40.54	-64.05	3.011	13.52	V
	6975	-54.67	-13	-41.67	-64.87	3.271	13.47	V

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

EN-DC_13A_n66A / LTE 10MHz + NR 40MHz / QPSK (ANT1+2) for 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)
Lowest	3420	-57.43	-13	-44.43	-68.17	2.604	13.34	H
	5130	-53.88	-13	-40.88	-64.39	3.011	13.52	H
	6855	-53.87	-13	-40.87	-64.07	3.271	13.47	H
	3420	-58.17	-13	-45.17	-68.91	2.604	13.34	V
	5130	-54.28	-13	-41.28	-64.79	3.011	13.52	V
	6855	-54.01	-13	-41.01	-64.21	3.271	13.47	V
Middle	3450	-55.36	-13	-42.36	-66.10	2.604	13.34	H
	5175	-53.51	-13	-40.51	-64.02	3.011	13.52	H
	6915	-54.20	-13	-41.20	-64.40	3.271	13.47	H
	3450	-57.69	-13	-44.69	-68.43	2.604	13.34	V
	5175	-54.11	-13	-41.11	-64.62	3.011	13.52	V
	6915	-53.93	-13	-40.93	-64.13	3.271	13.47	V
Highest	3480	-56.49	-13	-43.49	-67.23	2.604	13.34	H
	5220	-53.04	-13	-40.04	-63.55	3.011	13.52	H
	6975	-54.01	-13	-41.01	-64.21	3.271	13.47	H
	3480	-58.66	-13	-45.66	-69.40	2.604	13.34	V
	5220	-53.37	-13	-40.37	-63.88	3.011	13.52	V
	6975	-54.03	-13	-41.03	-64.23	3.271	13.47	V

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



EN-DC_30A_n66A / LTE 10MHz + NR 40MHz / QPSK (ANT9+1)								
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)
Lowest	3420	-58.29	-13	-45.29	-69.03	2.604	13.34	H
	5130	-50.08	-13	-37.08	-60.59	3.011	13.52	H
	6855	-53.88	-13	-40.88	-64.08	3.271	13.47	H
	3420	-58.69	-13	-45.69	-69.43	2.604	13.34	V
	5130	-51.53	-13	-38.53	-62.04	3.011	13.52	V
	6855	-54.11	-13	-41.11	-64.31	3.271	13.47	V
Middle	3450	-57.83	-13	-44.83	-68.57	2.604	13.34	H
	5175	-53.12	-13	-40.12	-63.63	3.011	13.52	H
	6915	-53.86	-13	-40.86	-64.06	3.271	13.47	H
	3450	-58.04	-13	-45.04	-68.78	2.604	13.34	V
	5175	-45.19	-13	-32.19	-55.70	3.011	13.52	V
	6915	-53.71	-13	-40.71	-63.91	3.271	13.47	V
Highest	3480	-58.32	-13	-45.32	-69.06	2.604	13.34	H
	5220	-53.03	-13	-40.03	-63.54	3.011	13.52	H
	6975	-54.08	-13	-41.08	-64.28	3.271	13.47	H
	3480	-54.72	-13	-41.72	-65.46	2.604	13.34	V
	5220	-53.27	-13	-40.27	-63.78	3.011	13.52	V
	6975	-54.03	-13	-41.03	-64.23	3.271	13.47	V

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

n70 SA / NR 15MHz / QPSK(ANT2)								
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	3390	-54.99	-13	-41.99	-65.73	2.604	13.34	H
	5085	-53.90	-13	-40.90	-64.41	3.011	13.52	H
	6780	-54.32	-13	-41.32	-64.52	3.271	13.47	H
	3390	-57.45	-13	-44.45	-68.19	2.604	13.34	V
	5085	-53.99	-13	-40.99	-64.50	3.011	13.52	V
	6780	-53.93	-13	-40.93	-64.13	3.271	13.47	V

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