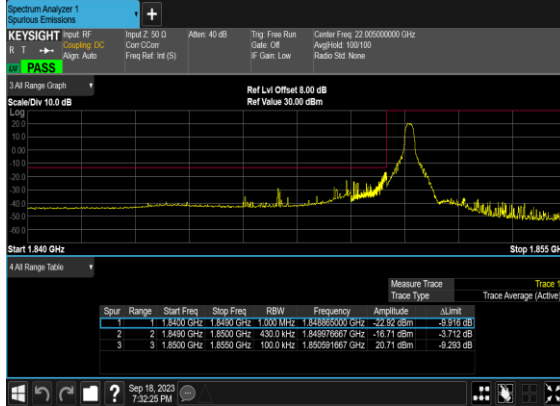
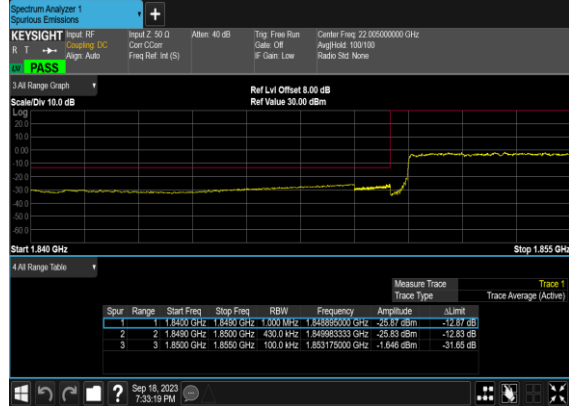


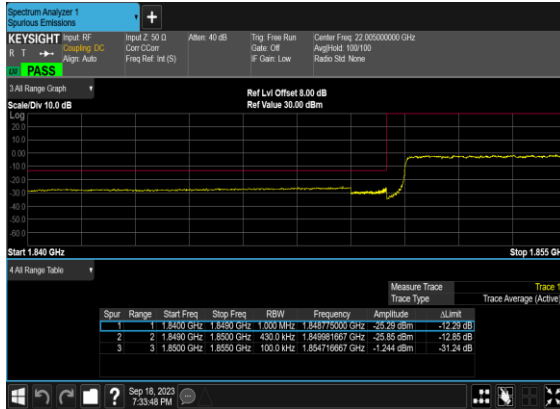
N25(40M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH



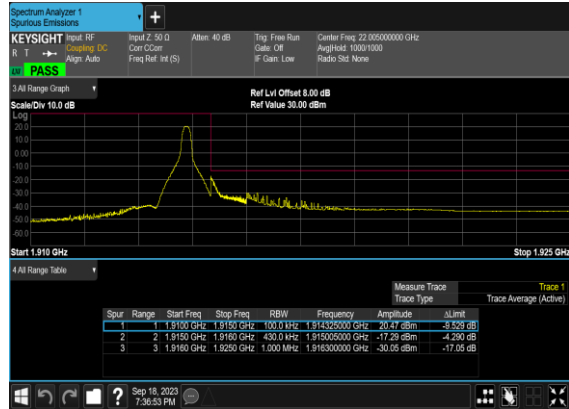
N25(40M)_DFT-s-
OFDM_BPSK_Outer_Full_Low_CH



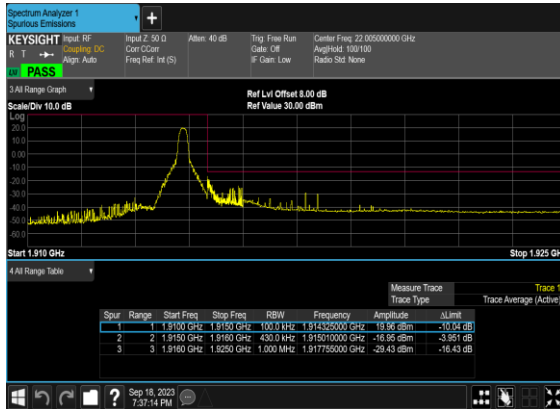
N25(40M)_DFT-s-
OFDM_QPSK_Outer_Full_Low_CH



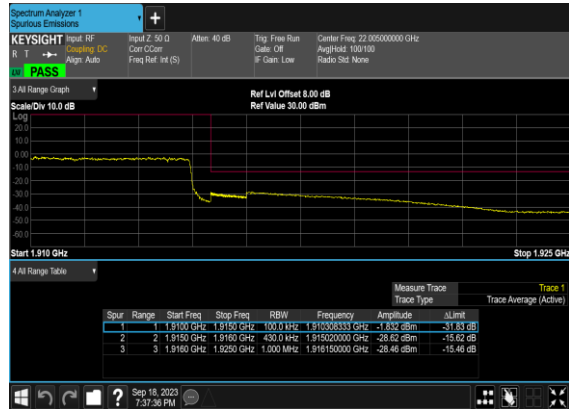
N25(40M)_DFT-s-
OFDM_BPSK_Edge_1RB_Right_High_CH



N25(40M)_DFT-s-
OFDM_QPSK_Edge_1RB_Right_High_CH



N25(40M)_DFT-s-
OFDM_BPSK_Outer_Full_High_CH



N25(40M)_DFT-s-
OFDM_QPSK_Outer_Full_High_CH



FR1 N71_ANT 1

Transmitter Conducted Output Power And ERP, ($G_T - L_C$)=-4dB

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Conducted Power(dBm)	ERP (dBm)	ERP (W)
71	15	5	133100	665.5	DFT-s-OFDM QPSK	1@1	24.37	18.22	0.0664
71	15	5	133100	665.5	DFT-s-OFDM 16 QAM	1@1	23.44	17.29	0.0536
71	15	5	136100	680.5	DFT-s-OFDM QPSK	1@1	24.79	18.64	0.0731
71	15	5	136100	680.5	DFT-s-OFDM 16 QAM	1@1	23.74	17.59	0.0574
71	15	5	139100	695.5	DFT-s-OFDM QPSK	1@1	24.74	18.59	0.0723
71	15	5	139100	695.5	DFT-s-OFDM 16 QAM	1@1	23.81	17.66	0.0583
71	15	10	133600	668	DFT-s-OFDM QPSK	1@1	24.34	18.19	0.0659
71	15	10	133600	668	DFT-s-OFDM 16 QAM	1@1	23.47	17.32	0.0540
71	15	10	136100	680.5	DFT-s-OFDM QPSK	1@1	24.74	18.59	0.0723
71	15	10	136100	680.5	DFT-s-OFDM 16 QAM	1@1	23.69	17.54	0.0568
71	15	10	138600	693	DFT-s-OFDM QPSK	1@1	24.86	18.71	0.0743
71	15	10	138600	693	DFT-s-OFDM 16 QAM	1@1	23.84	17.69	0.0587
71	15	15	134100	670.5	DFT-s-OFDM QPSK	1@1	24.44	18.29	0.0675
71	15	15	134100	670.5	DFT-s-OFDM 16 QAM	1@1	23.54	17.39	0.0548
71	15	15	136100	680.5	DFT-s-OFDM QPSK	1@1	24.79	18.64	0.0731
71	15	15	136100	680.5	DFT-s-OFDM 16 QAM	1@1	23.79	17.64	0.0581
71	15	15	138100	690.5	DFT-s-OFDM QPSK	1@1	24.87	18.72	0.0745
71	15	15	138100	690.5	DFT-s-OFDM 16 QAM	1@1	23.85	17.7	0.0589
71	15	20	134600	673	DFT-s-OFDM PI/2 BPSK	50@25	23.36	17.21	0.0526
71	15	20	134600	673	DFT-s-OFDM PI/2 BPSK	1@1	23.47	17.32	0.0540
71	15	20	134600	673	DFT-s-OFDM PI/2 BPSK	1@104	23.45	17.3	0.0537
71	15	20	134600	673	DFT-s-OFDM QPSK	50@25	24.87	18.72	0.0745
71	15	20	134600	673	DFT-s-OFDM QPSK	1@1	24.36	18.21	0.0662
71	15	20	134600	673	DFT-s-OFDM QPSK	1@104	24.94	18.79	0.0757
71	15	20	134600	673	DFT-s-OFDM 16 QAM	50@25	23.56	17.41	0.0551
71	15	20	134600	673	DFT-s-OFDM 16 QAM	1@1	23.48	17.33	0.0541
71	15	20	134600	673	DFT-s-OFDM 16 QAM	1@104	23.83	17.68	0.0586
71	15	20	134600	673	DFT-s-OFDM 64 QAM	50@25	22.3	16.15	0.0412
71	15	20	134600	673	DFT-s-OFDM 64 QAM	1@1	21.9	15.75	0.0376

71	15	20	134600	673	DFT-s-OFDM 64 QAM	1@104	22.46	16.31	0.0428
71	15	20	134600	673	DFT-s-OFDM 256 QAM	50@25	19.84	13.69	0.0234
71	15	20	134600	673	DFT-s-OFDM 256 QAM	1@1	19.82	13.67	0.0233
71	15	20	134600	673	DFT-s-OFDM 256 QAM	1@104	19.95	13.8	0.0240
71	15	20	134600	673	CP-OFDM QPSK	53@26	23.39	17.24	0.0530
71	15	20	134600	673	CP-OFDM QPSK	1@1	22.9	16.75	0.0473
71	15	20	134600	673	CP-OFDM QPSK	1@104	23.68	17.53	0.0566
71	15	20	136100	680.5	DFT-s-OFDM PI/2 BPSK	50@25	23.52	17.37	0.0546
71	15	20	136100	680.5	DFT-s-OFDM PI/2 BPSK	1@1	23.41	17.26	0.0532
71	15	20	136100	680.5	DFT-s-OFDM PI/2 BPSK	1@104	23.44	17.29	0.0536
71	15	20	136100	680.5	DFT-s-OFDM QPSK	50@25	24.94	18.79	0.0757
71	15	20	136100	680.5	DFT-s-OFDM QPSK	1@1	24.8	18.65	0.0733
71	15	20	136100	680.5	DFT-s-OFDM QPSK	1@104	24.88	18.73	0.0746
71	15	20	136100	680.5	DFT-s-OFDM 16 QAM	50@25	23.7	17.55	0.0569
71	15	20	136100	680.5	DFT-s-OFDM 16 QAM	1@1	23.72	17.57	0.0571
71	15	20	136100	680.5	DFT-s-OFDM 16 QAM	1@104	23.85	17.7	0.0589
71	15	20	136100	680.5	DFT-s-OFDM 64 QAM	50@25	22.37	16.22	0.0419
71	15	20	136100	680.5	DFT-s-OFDM 64 QAM	1@1	22.28	16.13	0.0410
71	15	20	136100	680.5	DFT-s-OFDM 64 QAM	1@104	22.39	16.24	0.0421
71	15	20	136100	680.5	DFT-s-OFDM 256 QAM	50@25	20.3	14.15	0.0260
71	15	20	136100	680.5	DFT-s-OFDM 256 QAM	1@1	19.94	13.79	0.0239
71	15	20	136100	680.5	DFT-s-OFDM 256 QAM	1@104	19.9	13.75	0.0237
71	15	20	136100	680.5	CP-OFDM QPSK	53@26	23.42	17.27	0.0533
71	15	20	136100	680.5	CP-OFDM QPSK	1@1	23.61	17.46	0.0557
71	15	20	136100	680.5	CP-OFDM QPSK	1@104	23.65	17.5	0.0562
71	15	20	137600	688	DFT-s-OFDM PI/2 BPSK	50@25	23.47	17.32	0.0540
71	15	20	137600	688	DFT-s-OFDM PI/2 BPSK	1@1	23.52	17.37	0.0546
71	15	20	137600	688	DFT-s-OFDM PI/2 BPSK	1@104	23.41	17.26	0.0532
71	15	20	137600	688	DFT-s-OFDM QPSK	50@25	24.96	18.81	0.0760
71	15	20	137600	688	DFT-s-OFDM QPSK	1@1	24.89	18.74	0.0748
71	15	20	137600	688	DFT-s-OFDM QPSK	1@104	24.84	18.69	0.0740
71	15	20	137600	688	DFT-s-OFDM 16 QAM	50@25	23.72	17.57	0.0571
71	15	20	137600	688	DFT-s-OFDM 16 QAM	1@1	23.83	17.68	0.0586
71	15	20	137600	688	DFT-s-OFDM 16 QAM	1@104	23.83	17.68	0.0586
71	15	20	137600	688	DFT-s-OFDM 64 QAM	50@25	22.43	16.28	0.0425

71	15	20	137600	688	DFT-s-OFDM 64 QAM	1@1	22.42	16.27	0.0424
71	15	20	137600	688	DFT-s-OFDM 64 QAM	1@104	22.35	16.2	0.0417
71	15	20	137600	688	DFT-s-OFDM 256 QAM	50@25	20.31	14.16	0.0261
71	15	20	137600	688	DFT-s-OFDM 256 QAM	1@1	20.11	13.96	0.0249
71	15	20	137600	688	DFT-s-OFDM 256 QAM	1@104	19.95	13.8	0.0240
71	15	20	137600	688	CP-OFDM QPSK	53@26	23.55	17.4	0.0550
71	15	20	137600	688	CP-OFDM QPSK	1@1	23.69	17.54	0.0568
71	15	20	137600	688	CP-OFDM QPSK	1@104	23.7	17.55	0.0569

Frequency Stability

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Deviation (ppm)	Verdict	Environment
71	15	20	136100	680.5	DFT-s-OFDM QPSK	100@0	0.0058	PASS	NV
71	15	20	136100	680.5	DFT-s-OFDM QPSK	100@0	0.0040	PASS	LV
71	15	20	136100	680.5	DFT-s-OFDM QPSK	100@0	0.0040	PASS	HV
71	15	20	136100	680.5	DFT-s-OFDM QPSK	100@0	0.0041	PASS	-30°C
71	15	20	136100	680.5	DFT-s-OFDM QPSK	100@0	0.0051	PASS	-20°C
71	15	20	136100	680.5	DFT-s-OFDM QPSK	100@0	0.0053	PASS	-10°C
71	15	20	136100	680.5	DFT-s-OFDM QPSK	100@0	0.0034	PASS	0°C
71	15	20	136100	680.5	DFT-s-OFDM QPSK	100@0	0.0044	PASS	10°C
71	15	20	136100	680.5	DFT-s-OFDM QPSK	100@0	0.0058	PASS	20°C
71	15	20	136100	680.5	DFT-s-OFDM QPSK	100@0	0.0057	PASS	30°C
71	15	20	136100	680.5	DFT-s-OFDM QPSK	100@0	0.0044	PASS	40°C
71	15	20	136100	680.5	DFT-s-OFDM QPSK	100@0	0.0060	PASS	50°C

Peak to Average Ratio

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result (dB)	Limit (dB)	Verdict
71	15	20	136100	680.5	DFT-s-OFDM PI/2 BPSK	100@0	3.93	13	PASS
71	15	20	136100	680.5	DFT-s-OFDM PI/2 BPSK	1@0	4.22	13	PASS
71	15	20	136100	680.5	DFT-s-OFDM QPSK	100@0	5.3	13	PASS
71	15	20	136100	680.5	DFT-s-OFDM QPSK	1@0	5.68	13	PASS

N71(20M)_DFT-s-OFDM_PI_2-
BPSK_Outer_Full_Mid_CH



N71(20M)_DFT-s-OFDM_PI_2-
BPSK_Edge_1RB_Left_Mid_CH



N71(20M)_DFT-s-
OFDM_QPSK_Outer_Full_Mid_CH



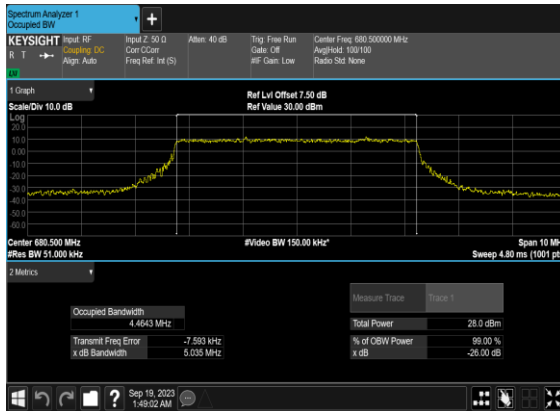
N71(20M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Mid_CH



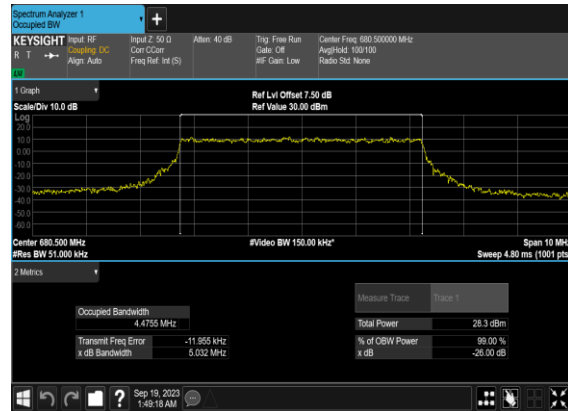
Occupied Bandwidth

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	OBW (MHz)	26dB BW (MHz)
71	15	5	136100	680.5	CP-OFDM QPSK	25@0	4.4643	5.035
71	15	5	136100	680.5	CP-OFDM 16 QAM	25@0	4.4755	5.032
71	15	5	136100	680.5	CP-OFDM 64 QAM	25@0	4.4637	5.086
71	15	5	136100	680.5	CP-OFDM 256 QAM	25@0	4.4743	5.056
71	15	10	136100	680.5	CP-OFDM QPSK	52@0	9.288	10.07
71	15	10	136100	680.5	CP-OFDM 16 QAM	52@0	9.2813	9.989
71	15	10	136100	680.5	CP-OFDM 64 QAM	52@0	9.2625	10.06
71	15	10	136100	680.5	CP-OFDM 256 QAM	52@0	9.2783	10.01
71	15	15	136100	680.5	CP-OFDM QPSK	79@0	14.089	14.9
71	15	15	136100	680.5	CP-OFDM 16 QAM	79@0	14.097	14.87
71	15	15	136100	680.5	CP-OFDM 64 QAM	79@0	14.097	14.74
71	15	15	136100	680.5	CP-OFDM 256 QAM	79@0	14.072	14.81
71	15	20	136100	680.5	CP-OFDM QPSK	106@0	18.888	19.92
71	15	20	136100	680.5	CP-OFDM 16 QAM	106@0	18.952	19.83
71	15	20	136100	680.5	CP-OFDM 64 QAM	106@0	18.911	19.81
71	15	20	136100	680.5	CP-OFDM 256 QAM	106@0	18.95	19.81

N71(5M)_CP- OFDM_QPSK_Outer_Full_Mid_CH



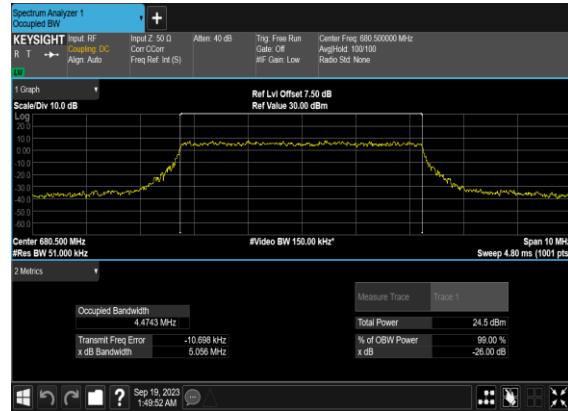
N71(5M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



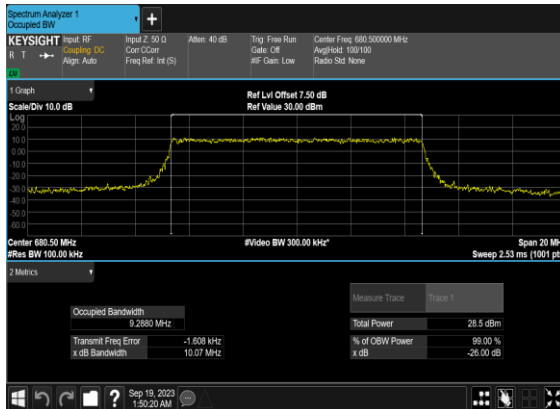
N71(5M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH



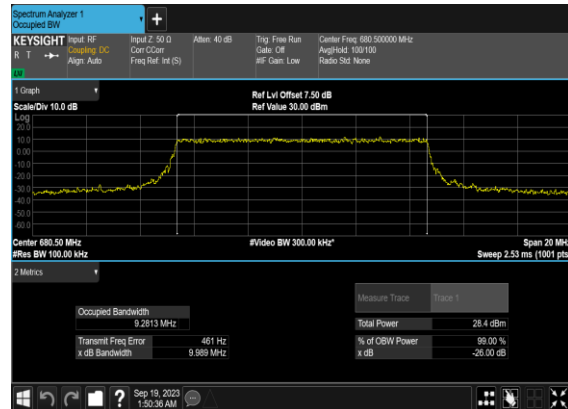
N71(5M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH



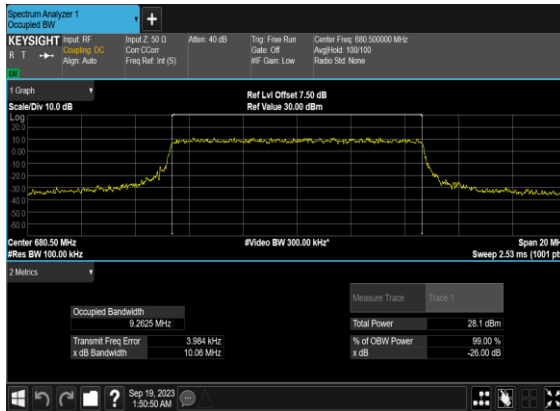
N71(10M)_CP- OFDM_QPSK_Outer_Full_Mid_CH



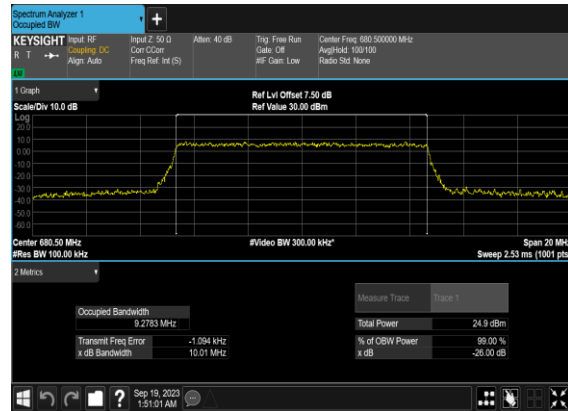
N71(10M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



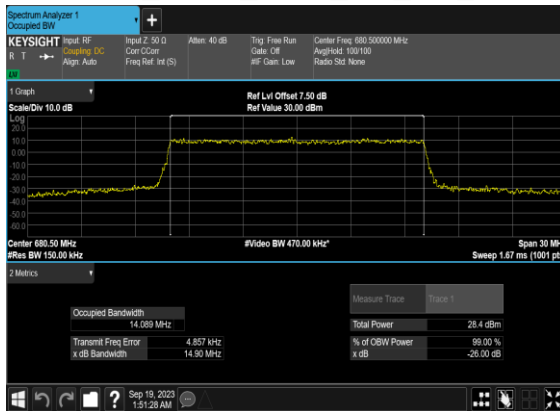
N71(10M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH



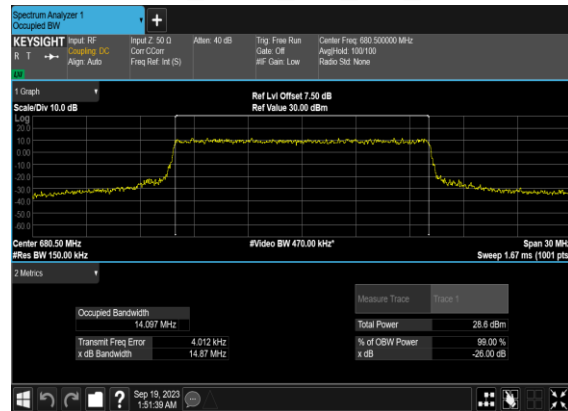
N71(10M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH



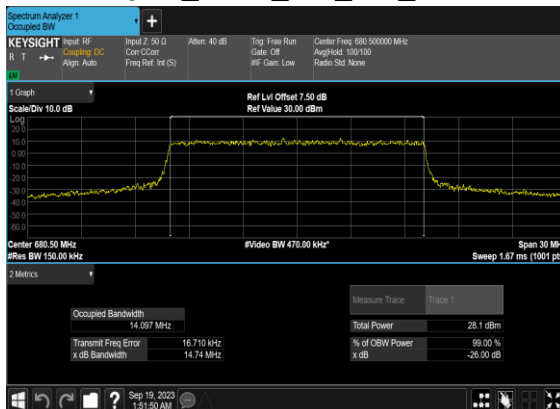
N71(15M)_CP-
OFDM_QPSK_Outer_Full_Mid_CH



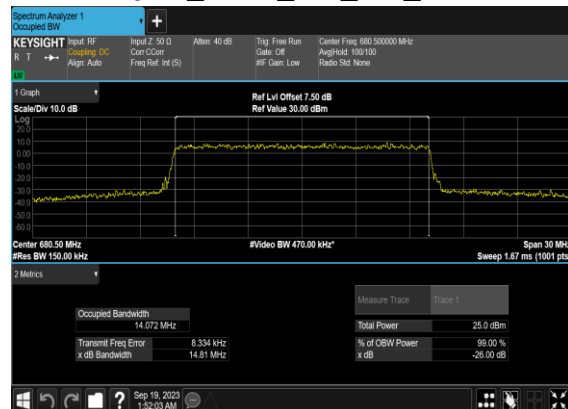
N71(15M)_CP-OFDM_16
QAM_Outer_Full_Mid_CH



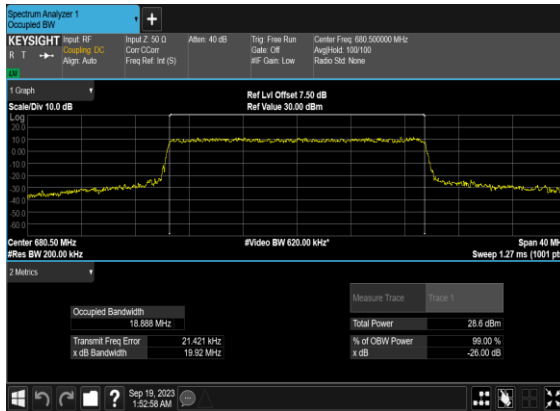
N71(15M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH



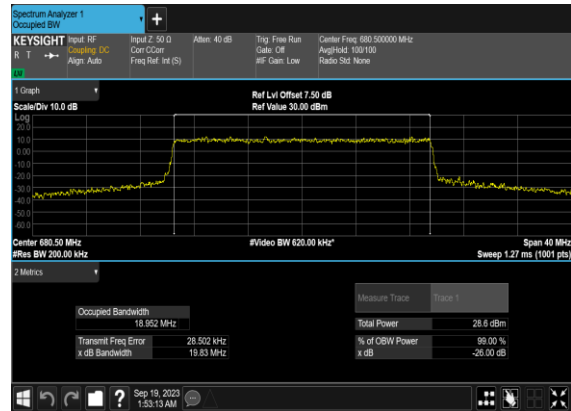
N71(15M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH



N71(20M)_CP- OFDM_QPSK_Outer_Full_Mid_CH



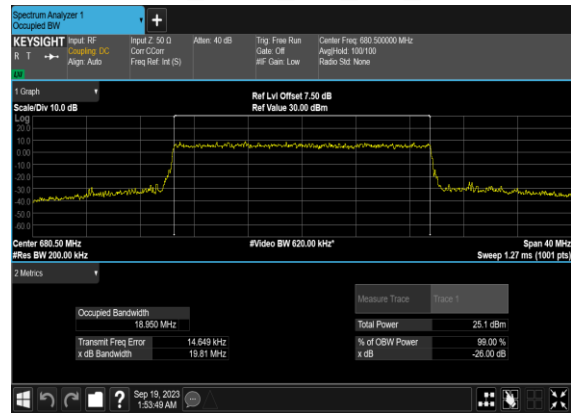
N71(20M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



N71(20M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH



N71(20M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH

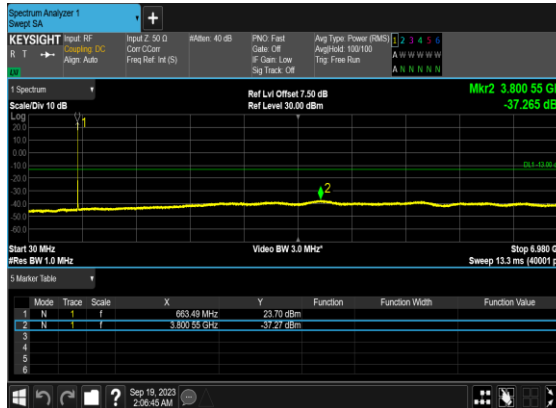


Conducted Spurious Emissions

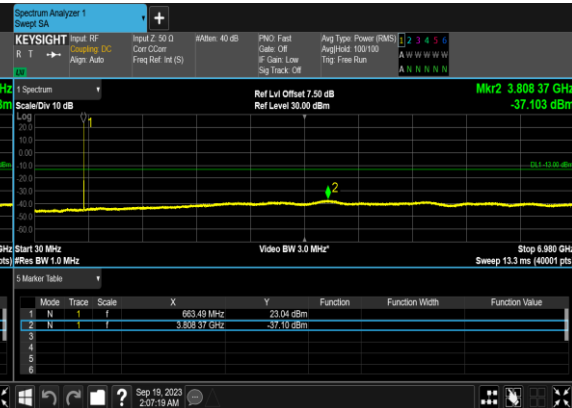
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
71	15	5	133100	665.5	DFT-s-OFDM BPSK	1@0	see graph	---
71	15	5	133100	665.5	DFT-s-OFDM BPSK	1@0	see graph	PASS
71	15	5	133100	665.5	DFT-s-OFDM QPSK	1@0	see graph	---
71	15	5	133100	665.5	DFT-s-OFDM QPSK	1@0	see graph	PASS
71	15	5	136100	680.5	DFT-s-OFDM BPSK	1@0	see graph	---
71	15	5	136100	680.5	DFT-s-OFDM BPSK	1@0	see graph	PASS
71	15	5	136100	680.5	DFT-s-OFDM QPSK	1@0	see graph	---
71	15	5	136100	680.5	DFT-s-OFDM QPSK	1@0	see graph	PASS
71	15	5	139100	695.5	DFT-s-OFDM BPSK	1@0	see graph	---
71	15	5	139100	695.5	DFT-s-OFDM BPSK	1@0	see graph	PASS
71	15	5	139100	695.5	DFT-s-OFDM QPSK	1@0	see graph	---
71	15	5	139100	695.5	DFT-s-OFDM QPSK	1@0	see graph	PASS
71	15	10	133600	668.0	DFT-s-OFDM BPSK	1@0	see graph	---
71	15	10	133600	668.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
71	15	10	133600	668.0	DFT-s-OFDM QPSK	1@0	see graph	---
71	15	10	133600	668.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
71	15	10	136100	680.5	DFT-s-OFDM BPSK	1@0	see graph	---
71	15	10	136100	680.5	DFT-s-OFDM BPSK	1@0	see graph	PASS
71	15	10	136100	680.5	DFT-s-OFDM QPSK	1@0	see graph	---
71	15	10	136100	680.5	DFT-s-OFDM QPSK	1@0	see graph	PASS
71	15	10	138600	693.0	DFT-s-OFDM BPSK	1@0	see graph	---
71	15	10	138600	693.0	DFT-s-OFDM BPSK	1@0	see graph	PASS

71	15	10	138600	693.0	DFT-s-OFDM QPSK	1@0	see graph	---
71	15	10	138600	693.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
71	15	20	134600	673.0	DFT-s-OFDM BPSK	1@0	see graph	---
71	15	20	134600	673.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
71	15	20	134600	673.0	DFT-s-OFDM QPSK	1@0	see graph	---
71	15	20	134600	673.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
71	15	20	136100	680.5	DFT-s-OFDM BPSK	1@0	see graph	---
71	15	20	136100	680.5	DFT-s-OFDM BPSK	1@0	see graph	PASS
71	15	20	136100	680.5	DFT-s-OFDM QPSK	1@0	see graph	---
71	15	20	136100	680.5	DFT-s-OFDM QPSK	1@0	see graph	PASS
71	15	20	137600	688.0	DFT-s-OFDM BPSK	1@0	see graph	---
71	15	20	137600	688.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
71	15	20	137600	688.0	DFT-s-OFDM QPSK	1@0	see graph	---
71	15	20	137600	688.0	DFT-s-OFDM QPSK	1@0	see graph	PASS

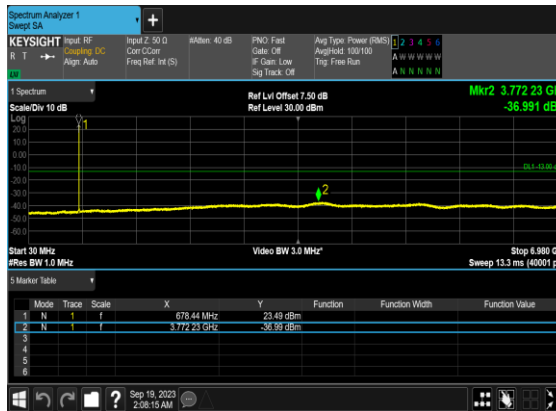
N71(5M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



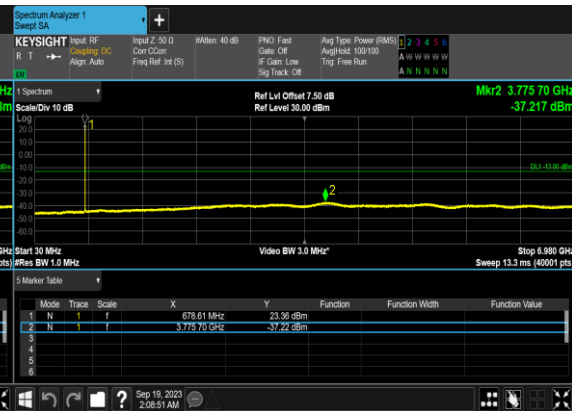
N71(5M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH



N71(5M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Mid_CH



N71(5M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Mid_CH



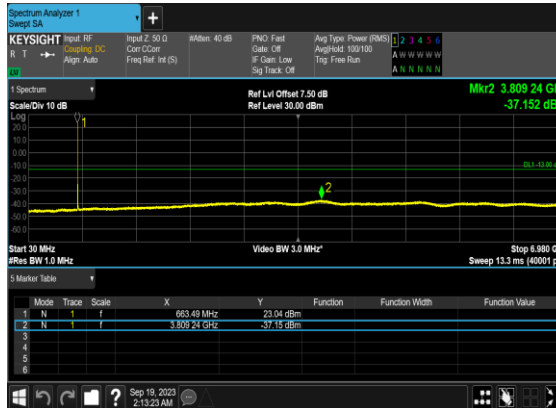
N71(5M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_High_CH



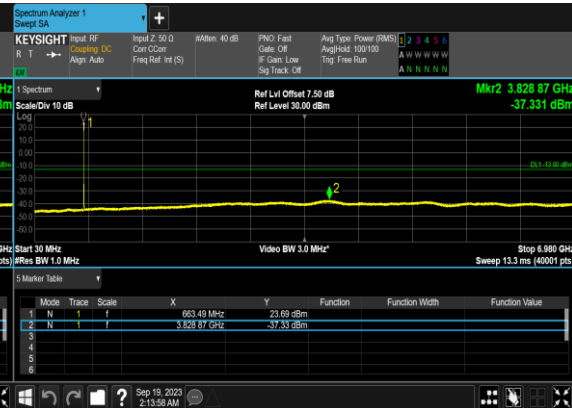
N71(5M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_High_CH



N71(10M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



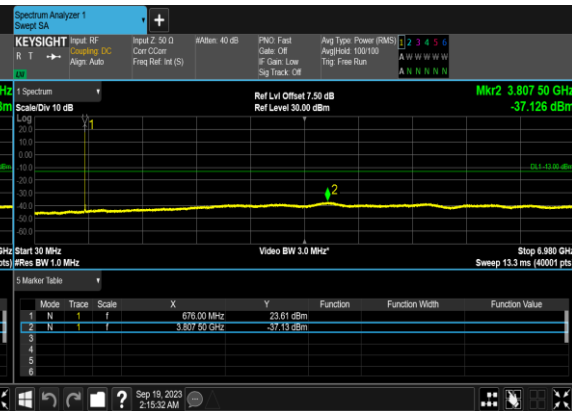
N71(10M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH



N71(10M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Mid_CH



N71(10M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Mid_CH



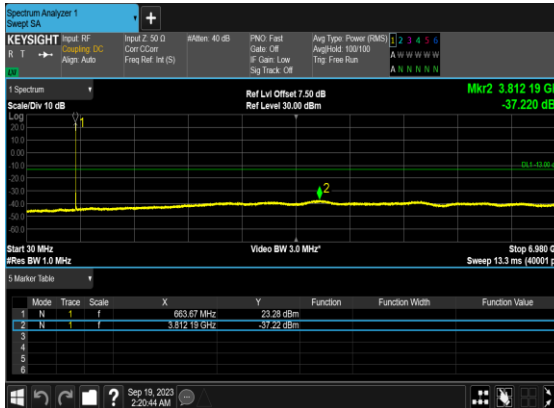
N71(10M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_High_CH



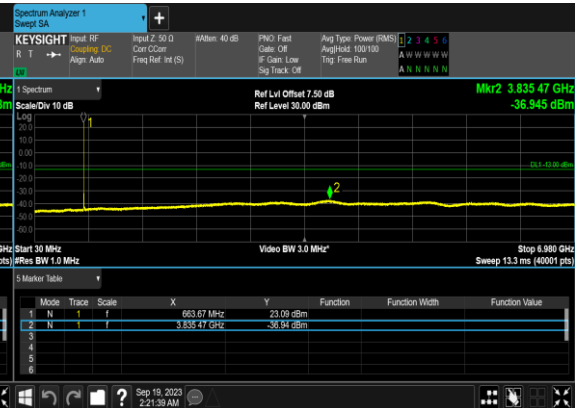
N71(10M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_High_CH



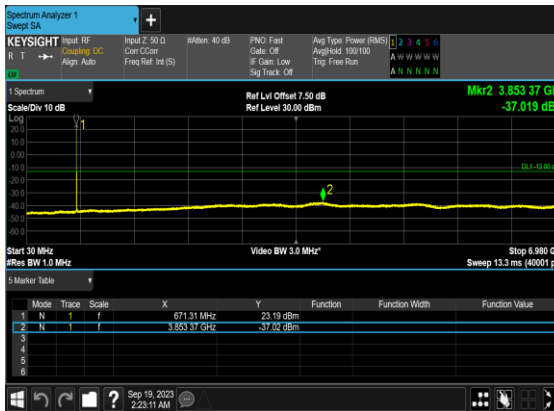
N71(20M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



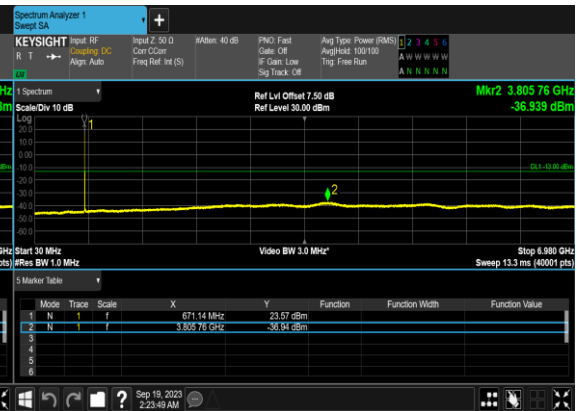
N71(20M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH



N71(20M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Mid_CH



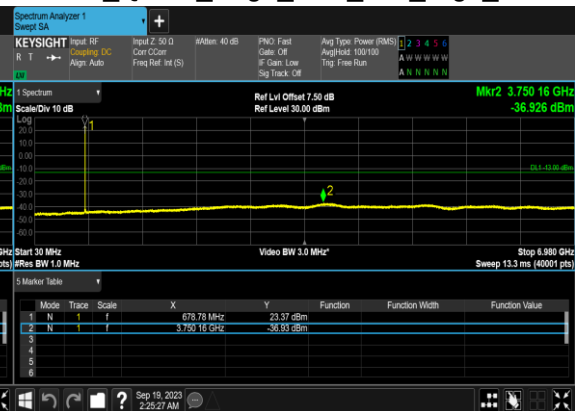
N71(20M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Mid_CH



N71(20M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_High_CH



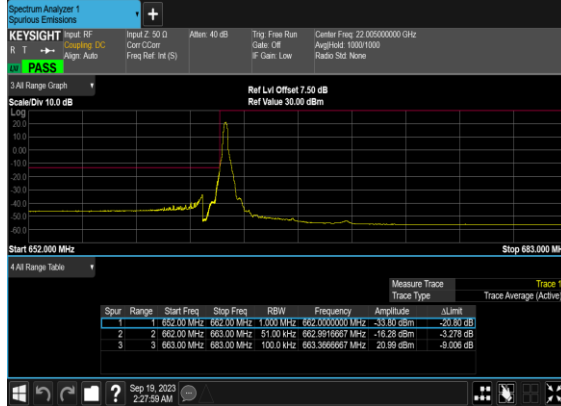
N71(20M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_High_CH



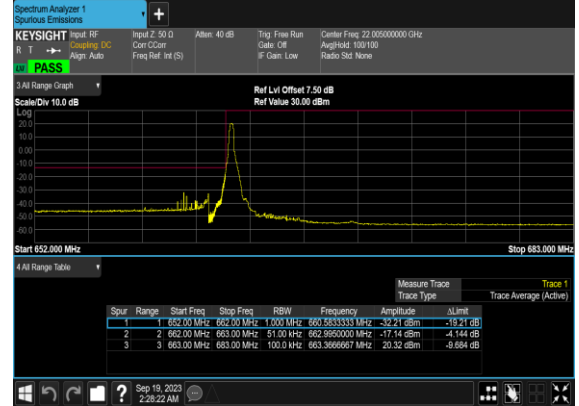
Conducted Band Edge

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
71	15	5	133100	665.5	DFT-s-OFDM BPSK	1@0	see graph	PASS
71	15	5	133100	665.5	DFT-s-OFDM QPSK	1@0	see graph	PASS
71	15	5	133100	665.5	DFT-s-OFDM BPSK	25@0	see graph	PASS
71	15	5	133100	665.5	DFT-s-OFDM QPSK	25@0	see graph	PASS
71	15	5	139100	695.5	DFT-s-OFDM BPSK	1@24	see graph	PASS
71	15	5	139100	695.5	DFT-s-OFDM QPSK	1@24	see graph	PASS
71	15	5	139100	695.5	DFT-s-OFDM BPSK	25@0	see graph	PASS
71	15	5	139100	695.5	DFT-s-OFDM QPSK	25@0	see graph	PASS
71	15	10	133600	668.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
71	15	10	133600	668.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
71	15	10	133600	668.0	DFT-s-OFDM BPSK	50@0	see graph	PASS
71	15	10	133600	668.0	DFT-s-OFDM QPSK	50@0	see graph	PASS
71	15	10	138600	693.0	DFT-s-OFDM BPSK	1@51	see graph	PASS
71	15	10	138600	693.0	DFT-s-OFDM QPSK	1@51	see graph	PASS
71	15	10	138600	693.0	DFT-s-OFDM BPSK	50@0	see graph	PASS
71	15	10	138600	693.0	DFT-s-OFDM QPSK	50@0	see graph	PASS
71	15	20	134600	673.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
71	15	20	134600	673.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
71	15	20	134600	673.0	DFT-s-OFDM BPSK	100@0	see graph	PASS
71	15	20	134600	673.0	DFT-s-OFDM QPSK	100@0	see graph	PASS
71	15	20	137600	688.0	DFT-s-OFDM BPSK	1@105	see graph	PASS
71	15	20	137600	688.0	DFT-s-OFDM QPSK	1@105	see graph	PASS
71	15	20	137600	688.0	DFT-s-OFDM BPSK	100@0	see graph	PASS
71	15	20	137600	688.0	DFT-s-OFDM QPSK	100@0	see graph	PASS

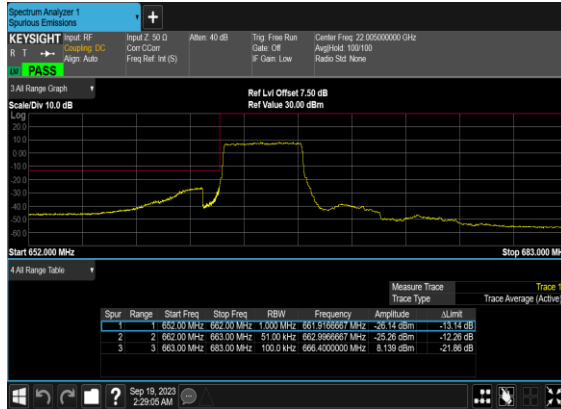
N71(5M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



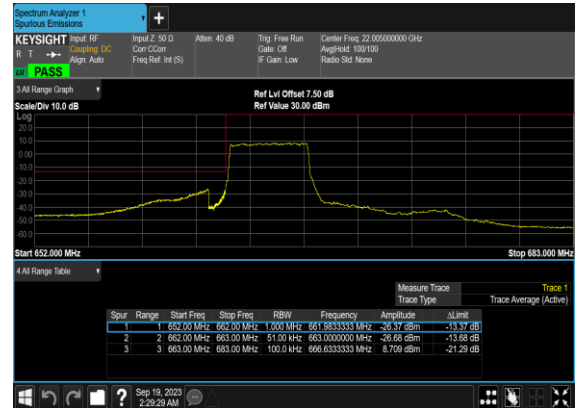
N71(5M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH



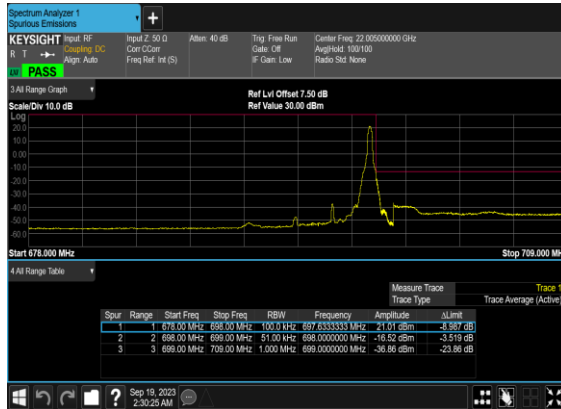
N71(5M)_DFT-s-
OFDM_BPSK_Outer_Full_Low_CH



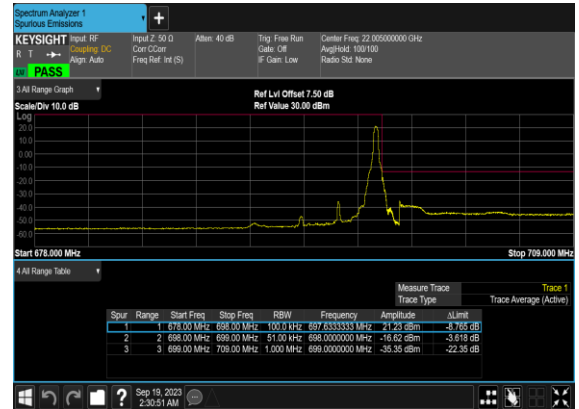
N71(5M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH



N71(5M)_DFT-s-
OFDM_BPSK_Edge_1RB_Right_High_CH



N71(5M)_DFT-s-
OFDM_QPSK_Edge_1RB_Right_High_CH



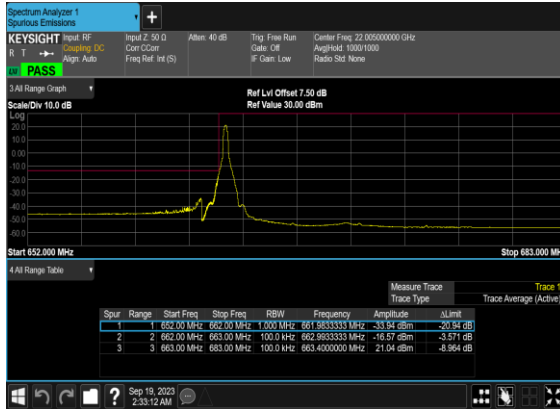
N71(5M)_DFT-s-
OFDM_BPSK_Outer_Full_High_CH



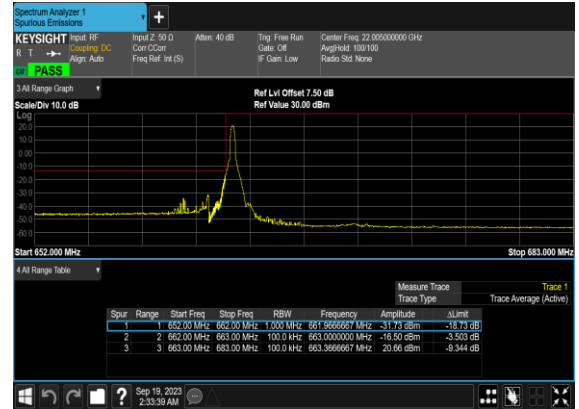
N71(5M)_DFT-s-
OFDM_QPSK_Outer_Full_High_CH



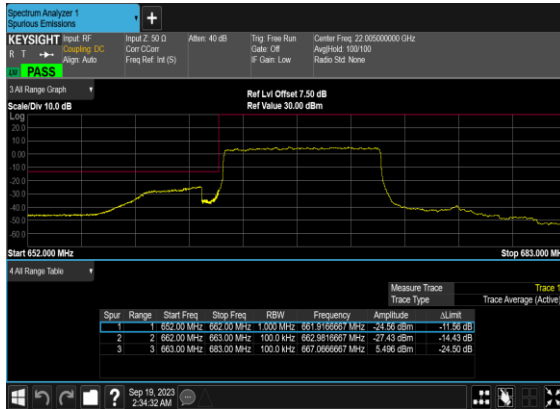
N71(10M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



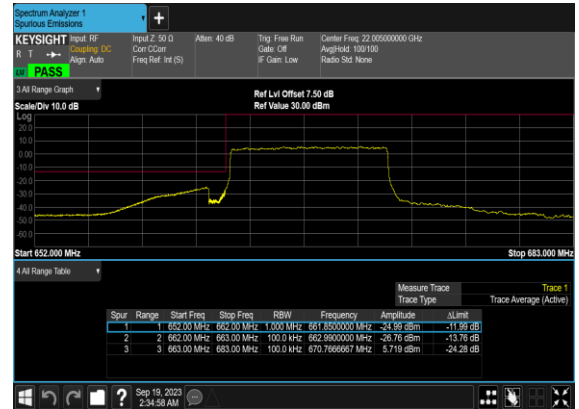
N71(10M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH



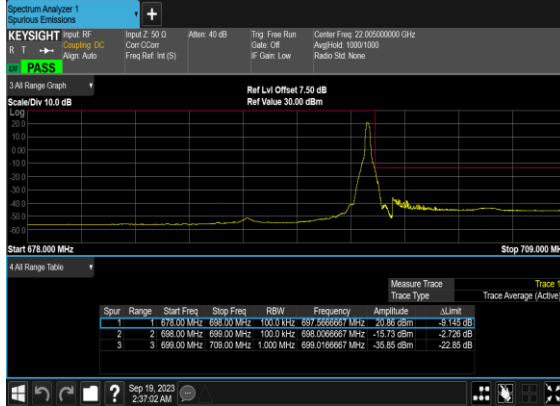
N71(10M)_DFT-s-
OFDM_BPSK_Outer_Full_Low_CH



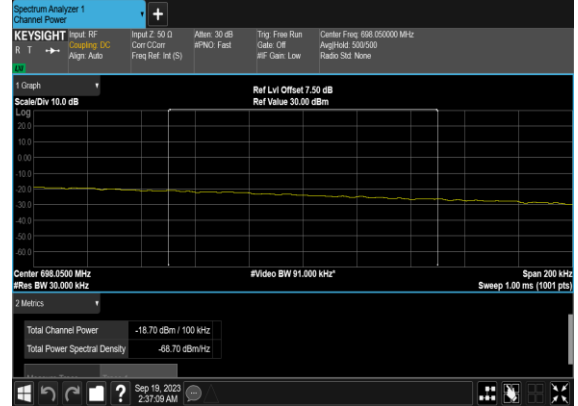
N71(10M)_DFT-s-
OFDM_QPSK_Outer_Full_Low_CH



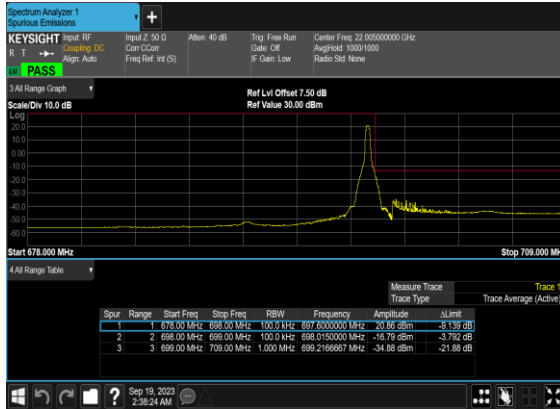
N71(10M)_DFT-s-
OFDM_BPSK_Edge_1RB_Right_High_CH



N71(10M)_DFT-s-
OFDM_BPSK_Edge_1RB_Right_High_CH_CHP_PASS



N71(10M)_DFT-s-
OFDM_QPSK_Edge_1RB_Right_High_CH



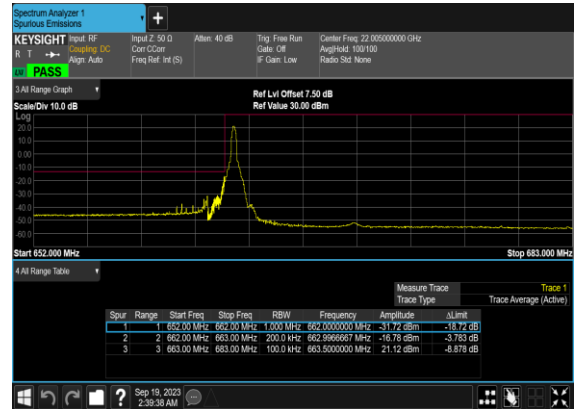
N71(10M)_DFT-s-
OFDM_BPSK_Outer_Full_High_CH



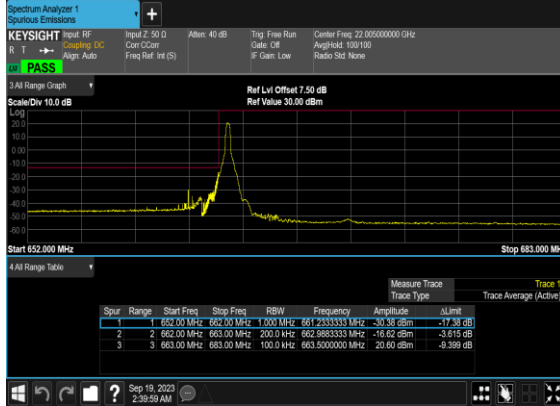
N71(10M)_DFT-s-
OFDM_QPSK_Outer_Full_High_CH



N71(20M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



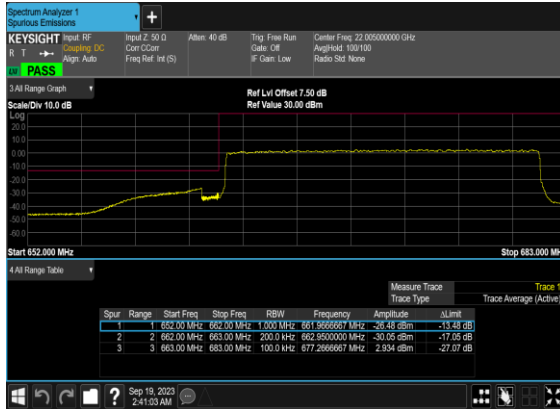
N71(20M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH



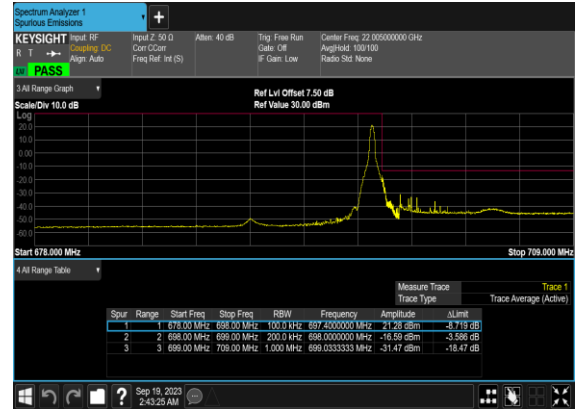
N71(20M)_DFT-s-
OFDM_BPSK_Outer_Full_Low_CH



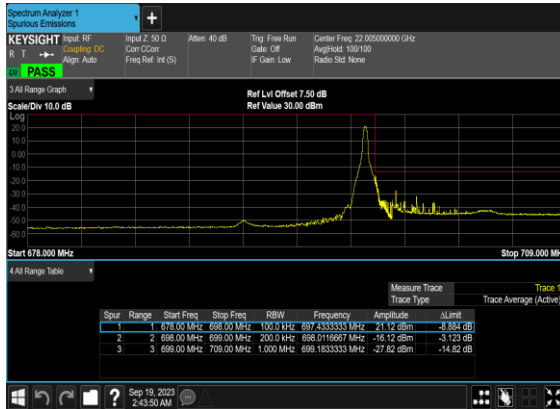
N71(20M)_DFT-s-
OFDM_QPSK_Outer_Full_Low_CH



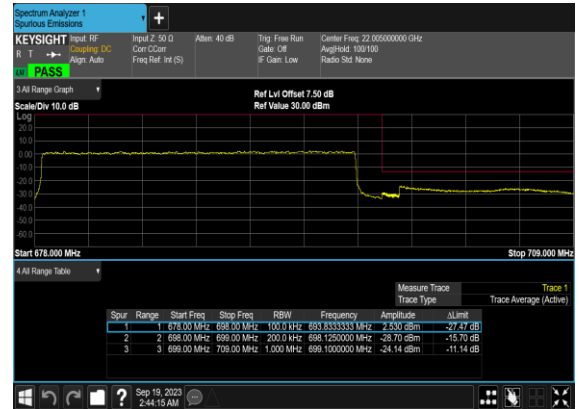
N71(20M)_DFT-s-
OFDM_BPSK_Edge_1RB_Right_High_CH



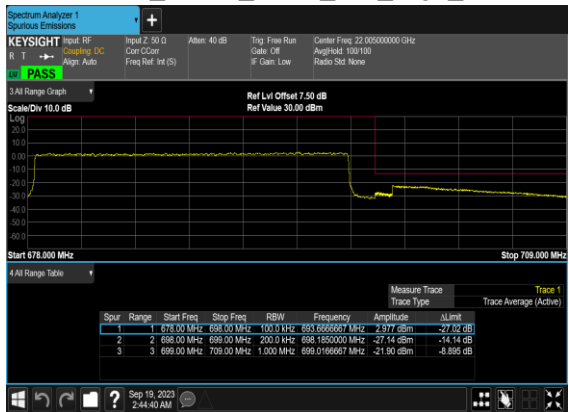
N71(20M)_DFT-s-
OFDM_QPSK_Edge_1RB_Right_High_CH



N71(20M)_DFT-s-
OFDM_BPSK_Outer_Full_High_CH



N71(20M)_DFT-s-
OFDM_QPSK_Outer_Full_High_CH





Appendix B. Test Results of Radiated Test

Radiated Spurious Emission

Test Engineer :	Shiwei Wen	Temperature :	22~25°C
		Relative Humidity :	48~52%

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

n5 SA / NR 20MHz / QPSK(ANT1)									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	1650	-62.80	-13	-49.80	-74.89	-66.03	3.98	9.36	H
	2475	-55.17	-13	-42.17	-74.42	-58.72	4.85	10.55	H
	3300	-58.95	-13	-45.95	-80.00	-63.88	5.50	12.58	H
	1650	-62.54	-13	-49.54	-75.27	-65.77	3.98	9.36	V
	2475	-55.10	-13	-42.10	-74.67	-58.65	4.85	10.55	V
	3300	-57.92	-13	-44.92	-79.86	-62.85	5.50	12.58	V
Middle	1654.5	-64.38	-13	-51.38	-76.51	-67.63	4.00	9.40	H
	2481.75	-56.97	-13	-43.97	-76.22	-60.54	4.88	10.60	H
	3309	-58.38	-13	-45.38	-79.53	-63.31	5.52	12.60	H
	1654.5	-63.99	-13	-50.99	-76.76	-67.24	4.00	9.40	V
	2481.75	-57.59	-13	-44.59	-77.16	-61.16	4.88	10.60	V
	3309	-57.97	-13	-44.97	-79.82	-62.90	5.52	12.60	V
Highest	1660	-64.73	-13	-51.73	-76.93	-67.90	4.10	9.42	H
	2490	-56.84	-13	-43.84	-76.22	-60.42	4.90	10.63	H
	3320	-58.43	-13	-45.43	-79.58	-63.35	5.55	12.62	H
	1660	-62.88	-13	-49.88	-75.75	-66.05	4.10	9.42	V
	2490	-58.79	-13	-45.79	-78.43	-62.37	4.90	10.63	V
	3320	-58.26	-13	-45.26	-80.11	-63.18	5.55	12.62	V

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



EN-DC_48A_n5A / LTE 10MHz + NR 20MHz / QPSK (ANT3+1)									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
NR n5 Lowest	1650	-63.14	-13	-50.14	-75.23	-66.37	3.98	9.36	H
	2475	-57.48	-13	-44.48	-76.73	-61.03	4.85	10.55	H
	3300	-53.52	-13	-40.52	-74.57	-58.45	5.50	12.58	H
	1650	-62.27	-13	-49.27	-75.00	-65.50	3.98	9.36	V
	2475	-58.18	-13	-45.18	-77.75	-61.73	4.85	10.55	V
	3300	-52.01	-13	-39.01	-73.95	-56.94	5.50	12.58	V
LTE Band48 Lowest	7241.00	-53.11	-40	-13.11	-61.79	-56.41	8.30	11.60	H
	10861.50	-54.07	-40	-14.07	-67.85	-55.59	10.48	12.00	H
	14482.00	-53.39	-40	-13.39	-69.63	-55.09	11.80	13.50	H
	7241.00	-49.48	-40	-9.48	-59.89	-52.78	8.30	11.60	V
	10861.50	-52.28	-40	-12.28	-67.7	-53.80	10.48	12.00	V
	14482.00	-54.09	-40	-14.09	-69.93	-55.79	11.80	13.50	V
NR n5 Middle	1654.5	-63.27	-13	-50.27	-75.40	-66.52	4.00	9.40	H
	2481.75	-57.46	-13	-44.46	-76.71	-61.03	4.88	10.60	H
	3309	-52.70	-13	-39.70	-73.85	-57.63	5.52	12.60	H
	1654.5	-62.50	-13	-49.50	-75.27	-65.75	4.00	9.40	V
	2481.75	-58.17	-13	-45.17	-77.74	-61.74	4.88	10.60	V
	3309	-52.02	-13	-39.02	-73.87	-56.95	5.52	12.60	V
LTE Band48 Middle	7241.00	-51.62	-40	-11.62	-60.30	-54.92	8.30	11.60	H
	10861.50	-54.23	-40	-14.23	-68.01	-55.75	10.48	12.00	H
	14482.00	-53.32	-40	-13.32	-69.56	-55.02	11.80	13.50	H
	7241.00	-49.11	-40	-9.11	-59.52	-52.41	8.30	11.60	V
	10861.50	-51.56	-40	-11.56	-66.98	-53.08	10.48	12.00	V
	14482.00	-53.91	-40	-13.91	-69.75	-55.61	11.80	13.50	V
NR n5 Highest	1660	-63.33	-13	-50.33	-75.53	-66.50	4.10	9.42	H
	2490	-57.82	-13	-44.82	-77.20	-61.40	4.90	10.63	H
	3320	-55.15	-13	-42.15	-76.30	-60.07	5.55	12.62	H
	1660	-62.44	-13	-49.44	-75.31	-65.61	4.10	9.42	V
	2490	-58.24	-13	-45.24	-77.88	-61.82	4.90	10.63	V
	3320	-52.90	-13	-39.90	-74.75	-57.82	5.55	12.62	V
LTE Band48 Highest	7241.00	-52.47	-40	-12.47	-61.15	-55.77	8.30	11.60	H
	10861.50	-54.33	-40	-14.33	-68.11	-55.85	10.48	12.00	H
	14482.00	-53.75	-40	-13.75	-69.99	-55.45	11.80	13.50	H
	7241.00	-50.15	-40	-10.15	-60.56	-53.45	8.30	11.60	V
	10861.50	-52.88	-40	-12.88	-68.3	-54.40	10.48	12.00	V
	14482.00	-53.86	-40	-13.86	-69.70	-55.56	11.80	13.50	V

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



N12 SA / NR 15MHz / QPSK(ANT1)									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	1397.3	-65.54	-13	-52.54	-76.81	-68.77	3.98	9.36	H
	2096	-53.14	-13	-40.14	-71.20	-56.69	4.85	10.55	H
	2794.6	-60.18	-13	-47.18	-79.56	-65.11	5.50	12.58	H
	1397.3	-64.71	-13	-51.71	-77.01	-67.94	3.98	9.36	V
	2096	-61.29	-13	-48.29	-79.16	-64.84	4.85	10.55	V
	2794.6	-59.10	-13	-46.10	-79.24	-64.03	5.50	12.58	V
Middle	1401.3	-65.56	-13	-52.56	-76.82	-68.81	4.00	9.40	H
	2102	-55.53	-13	-42.53	-73.68	-59.10	4.88	10.60	H
	2802.6	-59.57	-13	-46.57	-78.95	-64.50	5.52	12.60	H
	1401.3	-64.46	-13	-51.46	-76.78	-67.71	4.00	9.40	V
	2102	-57.67	-13	-44.67	-75.61	-61.24	4.88	10.60	V
	2802.6	-59.04	-13	-46.04	-79.18	-63.97	5.52	12.60	V
Highest	1402.6	-65.49	-13	-52.49	-76.75	-68.66	4.10	9.42	H
	2104	-52.18	-13	-39.18	-70.33	-55.76	4.90	10.63	H
	2805.3	-59.45	-13	-46.45	-78.83	-64.37	5.55	12.62	H
	1402.6	-64.39	-13	-51.39	-76.71	-67.56	4.10	9.42	V
	2104	-56.43	-13	-43.43	-74.37	-60.01	4.90	10.63	V
	2805.3	-59.36	-13	-46.36	-79.50	-64.28	5.55	12.62	V

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



N25 SA / NR 40MHz / QPSK(ANT0)									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	3701	-57.04	-13	-44.04	-80.22	-63.80	5.82	12.58	H
	5551.5	-57.15	-13	-44.15	-81.92	-62.87	7.28	13.00	H
	7402	-54.60	-13	-41.60	-81.98	-57.76	8.32	11.48	H
	3701	-55.31	-13	-42.31	-80.18	-62.07	5.82	12.58	V
	5551.5	-56.95	-13	-43.95	-82.15	-62.67	7.28	13.00	V
	7402	-54.25	-13	-41.25	-81.6	-57.41	8.32	11.48	V
Middle	3726	-55.38	-13	-42.38	-77.99	-62.13	5.85	12.60	H
	5589	-57.17	-13	-44.17	-81.82	-62.97	7.30	13.10	H
	7452	-55.01	-13	-42.01	-82.17	-58.16	8.35	11.50	H
	3726	-53.26	-13	-40.26	-78.72	-60.01	5.85	12.60	V
	5589	-56.17	-13	-43.17	-81.52	-61.97	7.30	13.10	V
	7452	-55.10	-13	-42.10	-82.24	-58.25	8.35	11.50	V
Highest	3751	-57.20	-13	-44.20	-79.69	-63.94	5.88	12.62	H
	5626.5	-56.14	-13	-43.14	-80.64	-61.95	7.32	13.13	H
	7502	-54.94	-13	-41.94	-81.94	-58.10	8.38	11.54	H
	3751	-55.19	-13	-42.19	-80.84	-61.93	5.88	12.62	V
	5626.5	-56.76	-13	-43.76	-81.76	-62.57	7.32	13.13	V
	7502	-54.81	-13	-41.81	-81.8	-57.97	8.38	11.54	V

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



EN-DC 66A n25A / LTE 10MHz + NR 40MHz / QPSK (ANT3+1)									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
NR n25 Lowest	3701	-56.91	-13	-43.91	-80.09	-63.67	5.82	12.58	H
	5551.5	-56.59	-13	-43.59	-81.36	-62.31	7.28	13.00	H
	7402	-53.83	-13	-40.83	-81.21	-56.99	8.32	11.48	H
	3701	-54.63	-13	-41.63	-79.5	-61.39	5.82	12.58	V
	5551.5	-55.94	-13	-42.94	-81.14	-61.66	7.28	13.00	V
	7402	-53.77	-13	-40.77	-81.12	-56.93	8.32	11.48	V
LTE Band66 Lowest	3481	-56.86	-13	-43.86	-78.90	-63.71	5.65	12.50	H
	5221.5	-56.28	-13	-43.28	-81.16	-61.95	7.13	12.80	H
	6962	-54.93	-13	-41.93	-81.31	-58.33	8.40	11.80	H
	3481	-56.24	-13	-43.24	-78.95	-63.09	5.65	12.50	V
	5221.5	-55.85	-13	-42.85	-80.9	-61.52	7.13	12.80	V
	6962	-54.32	-13	-41.32	-81.25	-57.72	8.40	11.80	V
NR n25 Middle	3726	-56.50	-13	-43.50	-79.11	-63.25	5.85	12.60	H
	5589	-55.77	-13	-42.77	-80.42	-61.57	7.30	13.10	H
	7452	-54.00	-13	-41.00	-81.16	-57.15	8.35	11.50	H
	3726	-54.49	-13	-41.49	-79.95	-61.24	5.85	12.60	V
	5589	-55.40	-13	-42.40	-80.75	-61.20	7.30	13.10	V
	7452	-53.85	-13	-40.85	-80.99	-57.00	8.35	11.50	V
LTE Band66 Middle	3481	-56.82	-13	-43.82	-78.86	-63.67	5.65	12.50	H
	5221.5	-55.73	-13	-42.73	-80.61	-61.40	7.13	12.80	H
	6962	-54.42	-13	-41.42	-80.80	-57.82	8.40	11.80	H
	3481	-55.55	-13	-42.55	-78.26	-62.40	5.65	12.50	V
	5221.5	-55.73	-13	-42.73	-80.78	-61.40	7.13	12.80	V
	6962	-54.31	-13	-41.31	-81.24	-57.71	8.40	11.80	V
NR n25 Highest	3751	-57.77	-13	-44.77	-80.26	-64.51	5.88	12.62	H
	5626.5	-56.54	-13	-43.54	-81.04	-62.35	7.32	13.13	H
	7502	-54.17	-13	-41.17	-81.17	-57.33	8.38	11.54	H
	3751	-55.07	-13	-42.07	-80.72	-61.81	5.88	12.62	V
	5626.5	-56.37	-13	-43.37	-81.37	-62.18	7.32	13.13	V
	7502	-54.54	-13	-41.54	-81.53	-57.70	8.38	11.54	V
LTE Band66 Highest	3481	-57.14	-13	-44.14	-79.18	-63.99	5.65	12.50	H
	5221.5	-55.98	-13	-42.98	-80.86	-61.65	7.13	12.80	H
	6962	-54.98	-13	-41.98	-81.36	-58.38	8.40	11.80	H
	3481	-56.07	-13	-43.07	-78.78	-62.92	5.65	12.50	V
	5221.5	-56.09	-13	-43.09	-81.14	-61.76	7.13	12.80	V
	6962	-54.27	-13	-41.27	-81.2	-57.67	8.40	11.80	V

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



N71 SA / NR 20MHz / QPSK(ANT1)									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	1327	-65.07	-13	-52.07	-76.09	-68.30	3.98	9.36	H
	1990.5	-60.82	-13	-47.82	-78.20	-64.37	4.85	10.55	H
	2654	-59.16	-13	-46.16	-78.86	-64.09	5.50	12.58	H
	1327	-64.26	-13	-51.26	-76.21	-67.49	3.98	9.36	V
	1990.5	-60.86	-13	-47.86	-78.19	-64.41	4.85	10.55	V
	2654	-59.06	-13	-46.06	-79.14	-63.99	5.50	12.58	V
Middle	1342	-65.29	-13	-52.29	-76.30	-68.54	4.00	9.40	H
	2013	-60.85	-13	-47.85	-78.56	-64.42	4.88	10.60	H
	2684	-58.98	-13	-45.98	-78.61	-63.91	5.52	12.60	H
	1342	-64.47	-13	-51.47	-76.43	-67.72	4.00	9.40	V
	2013	-60.60	-13	-47.60	-78.20	-64.17	4.88	10.60	V
	2684	-58.81	-13	-45.81	-78.90	-63.74	5.52	12.60	V
Highest	1357	-65.34	-13	-52.34	-76.44	-68.51	4.10	9.42	H
	2035.5	-60.30	-13	-47.30	-78.10	-63.88	4.90	10.63	H
	2714	-58.90	-13	-45.90	-78.46	-63.82	5.55	12.62	H
	1357	-64.15	-13	-51.15	-76.23	-67.32	4.10	9.42	V
	2035.5	-60.67	-13	-47.67	-78.34	-64.25	4.90	10.63	V
	2714	-58.52	-13	-45.52	-78.63	-63.44	5.55	12.62	V

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



EN-DC_7A_n71A / LTE 10MHz + NR 20MHz / QPSK (ANT0+1)									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
NR n71 Lowest	1327	-64.77	-13	-51.77	-75.79	-68.00	3.98	9.36	H
	1990.5	-60.29	-13	-47.29	-77.67	-63.84	4.85	10.55	H
	2654	-58.87	-13	-45.87	-78.57	-63.80	5.50	12.58	H
	1327	-62.53	-13	-49.53	-74.48	-65.76	3.98	9.36	V
	1990.5	-58.55	-13	-45.55	-75.88	-62.10	4.85	10.55	V
	2654	-56.93	-13	-43.93	-77.01	-61.86	5.50	12.58	V
LTE Band7 Lowest	5061.18	-56.92	-25	-31.92	-80.99	-62.48	7.14	12.70	H
	7591.77	-54.82	-25	-29.82	-81.45	-58.12	8.30	11.60	H
	10122.36	-51.81	-25	-26.81	-82.77	-53.33	10.48	12.00	H
	5061.18	-55.56	-25	-30.56	-80.84	-61.12	7.14	12.70	V
	7591.77	-54.26	-25	-29.26	-80.89	-57.56	8.30	11.60	V
	10122.36	-50.92	-25	-25.92	-82.93	-52.44	10.48	12.00	V
NR n71 Middle	1342	-64.96	-13	-51.96	-75.97	-68.21	4.00	9.40	H
	2013	-60.43	-13	-47.43	-78.14	-64.00	4.88	10.60	H
	2684	-58.91	-13	-45.91	-78.54	-63.84	5.52	12.60	H
	1342	-62.64	-13	-49.64	-74.60	-65.89	4.00	9.40	V
	2013	-59.01	-13	-46.01	-76.61	-62.58	4.88	10.60	V
	2684	-56.60	-13	-43.60	-76.69	-61.53	5.52	12.60	V
LTE Band7 Middle	5061.18	-56.14	-25	-31.14	-80.21	-61.70	7.14	12.70	H
	7591.77	-54.72	-25	-29.72	-81.35	-58.02	8.30	11.60	H
	10122.36	-51.79	-25	-26.79	-82.75	-53.31	10.48	12.00	H
	5061.18	-55.12	-25	-30.12	-80.4	-60.68	7.14	12.70	V
	7591.77	-54.83	-25	-29.83	-81.46	-58.13	8.30	11.60	V
	10122.36	-50.73	-25	-25.73	-82.74	-52.25	10.48	12.00	V
NR n71 Highest	1357	-64.90	-13	-51.90	-76.00	-68.07	4.10	9.42	H
	2035.5	-60.47	-13	-47.47	-78.27	-64.05	4.90	10.63	H
	2714	-58.81	-13	-45.81	-78.37	-63.73	5.55	12.62	H
	1357	-62.68	-13	-49.68	-74.76	-65.85	4.10	9.42	V
	2035.5	-59.18	-13	-46.18	-76.85	-62.76	4.90	10.63	V
	2714	-56.94	-13	-43.94	-77.05	-61.86	5.55	12.62	V
LTE Band7 Highest	5061.18	-56.89	-25	-31.89	-80.96	-62.45	7.14	12.70	H
	7591.77	-54.76	-25	-29.76	-81.39	-58.06	8.30	11.60	H
	10122.36	-52.00	-25	-27.00	-82.96	-53.52	10.48	12.00	H
	5061.18	-55.59	-25	-30.59	-80.87	-61.15	7.14	12.70	V
	7591.77	-54.72	-25	-29.72	-81.35	-58.02	8.30	11.60	V
	10122.36	-50.90	-25	-25.90	-82.91	-52.42	10.48	12.00	V

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