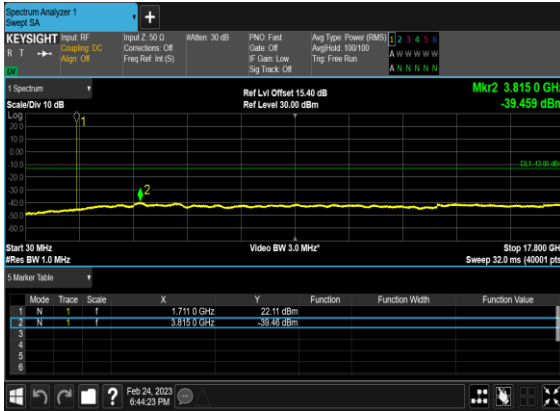
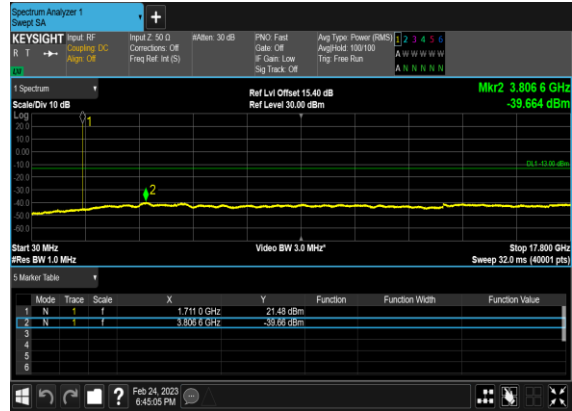


B7_N66(40M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



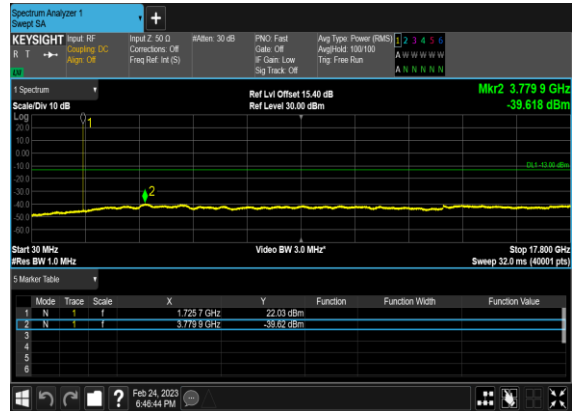
B7_N66(40M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



B7_N66(40M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



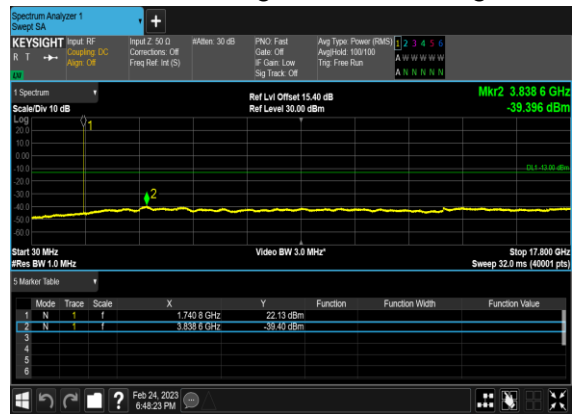
B7_N66(40M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



B7_N66(40M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



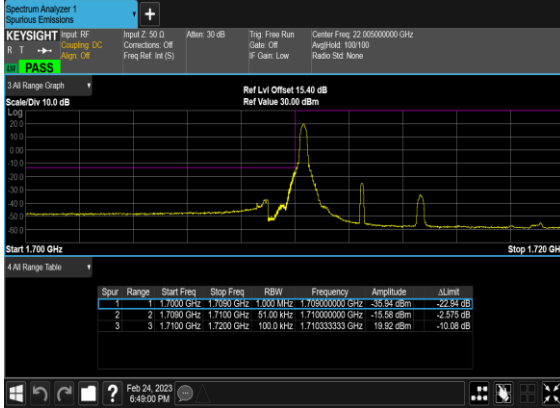
B7_N66(40M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH



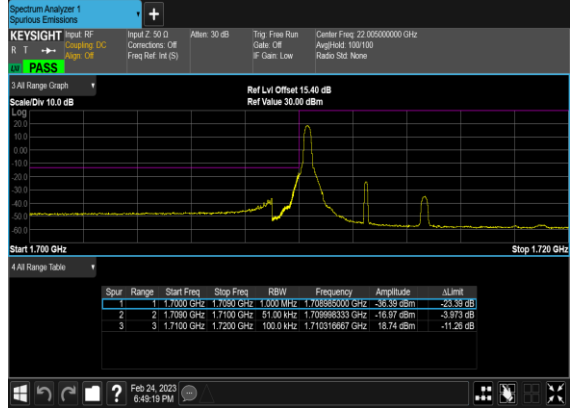
Conducted Band Edge

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	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
66	15	40	346000	1730.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
66	15	40	346000	1730.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
66	15	40	346000	1730.0	DFT-s-OFDM BPSK	216@0	see graph	PASS
66	15	40	346000	1730.0	DFT-s-OFDM QPSK	216@0	see graph	PASS
66	15	40	352000	1760.0	DFT-s-OFDM BPSK	1@215	see graph	PASS
66	15	40	352000	1760.0	DFT-s-OFDM QPSK	1@215	see graph	PASS
66	15	40	352000	1760.0	DFT-s-OFDM BPSK	216@0	see graph	PASS
66	15	40	352000	1760.0	DFT-s-OFDM QPSK	216@0	see graph	PASS

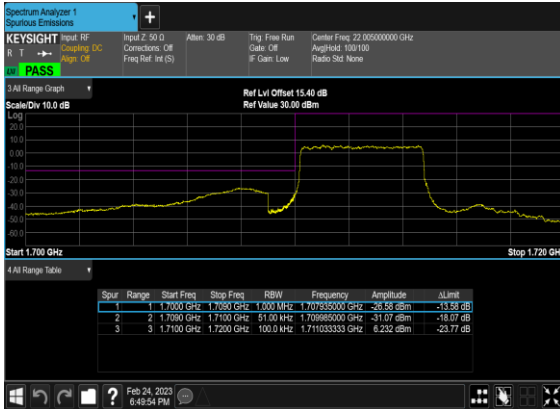
B7_N66(5M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



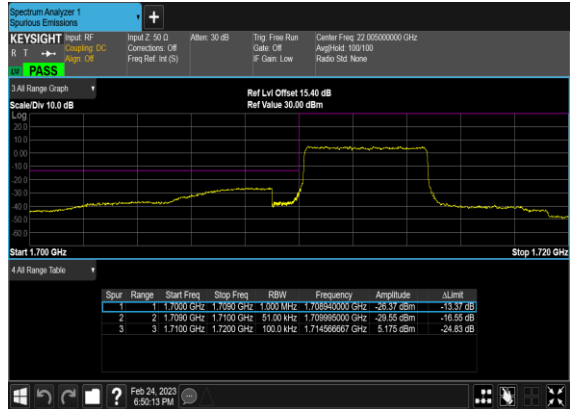
B7_N66(5M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH



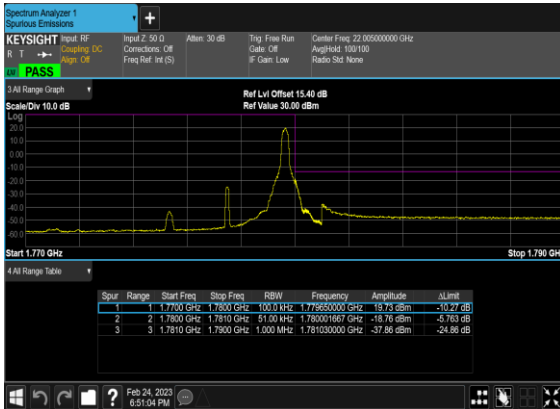
B7_N66(5M)_DFT-s-
OFDM_BPSK_Outer_Full_Low_CH



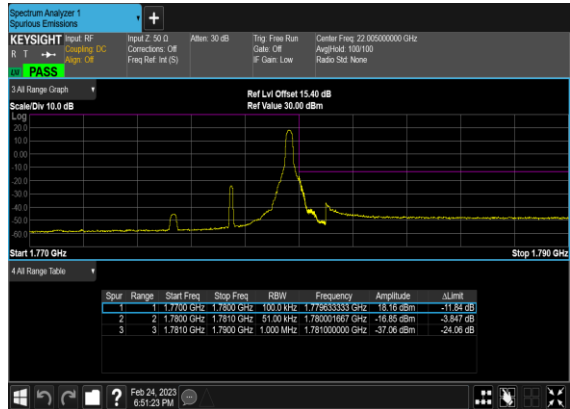
B7_N66(5M)_DFT-s-
OFDM_QPSK_Outer_Full_Low_CH



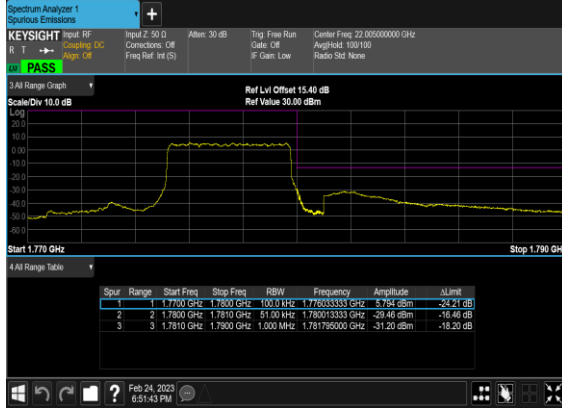
B7_N66(5M)_DFT-s-
OFDM_BPSK_Edge_1RB_Right_High_CH



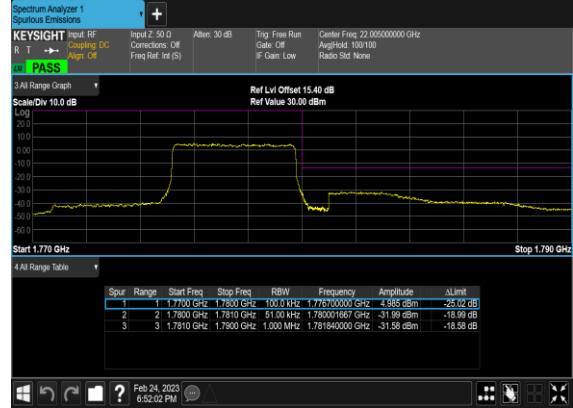
B7_N66(5M)_DFT-s-
OFDM_QPSK_Edge_1RB_Right_High_CH



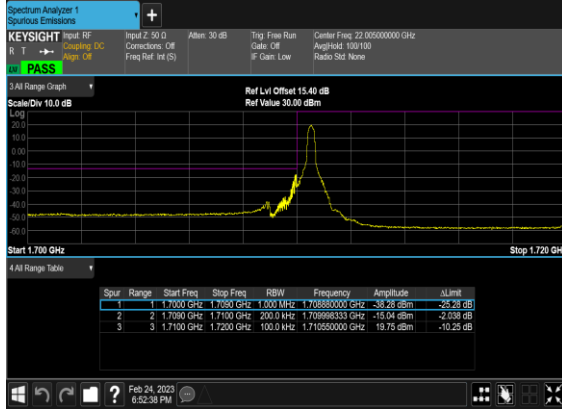
B7_N66(5M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH



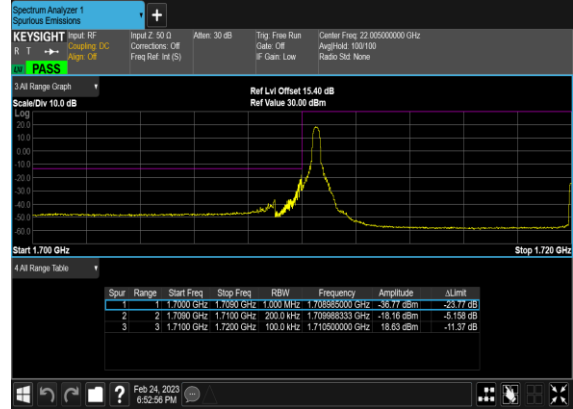
B7_N66(5M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH



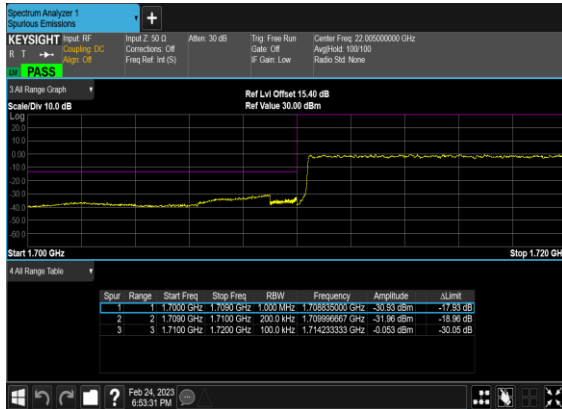
B7_N66(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



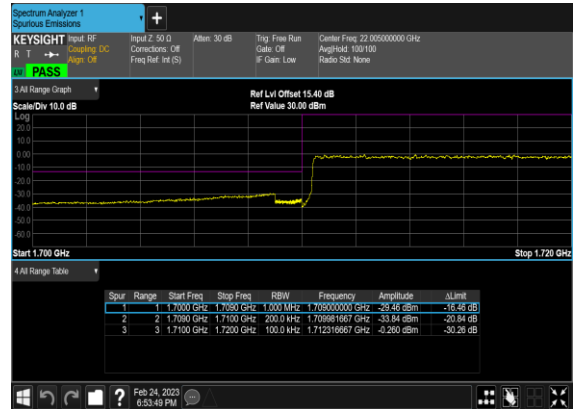
B7_N66(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



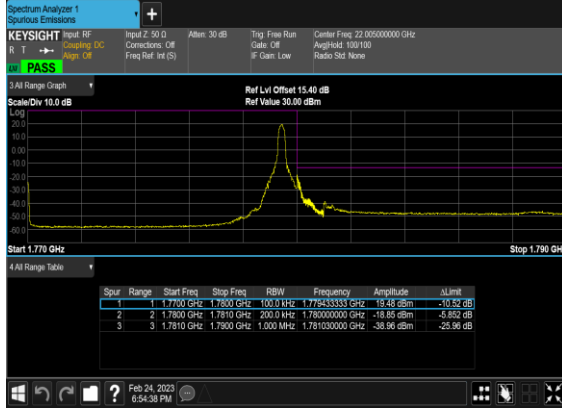
B7_N66(20M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH



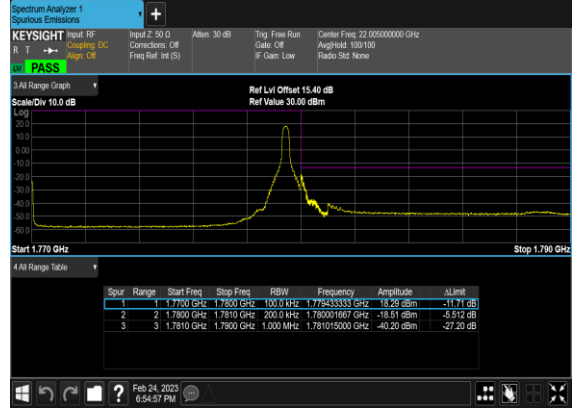
B7_N66(20M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH



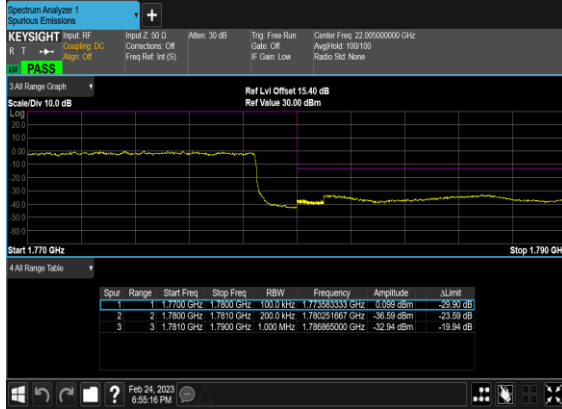
B7_N66(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH



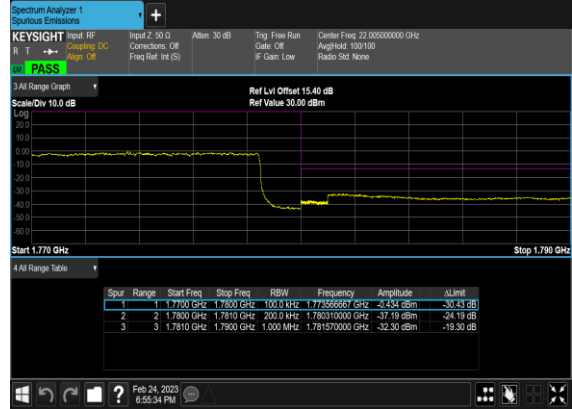
B7_N66(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH



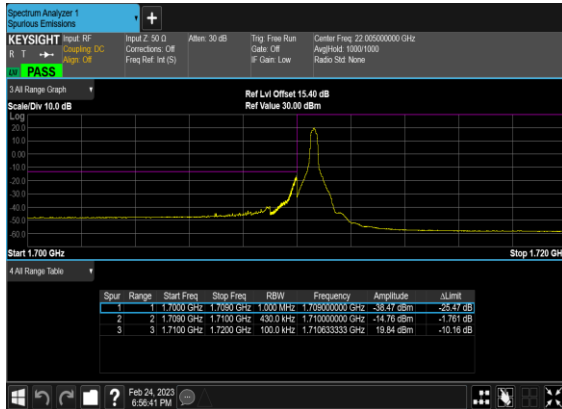
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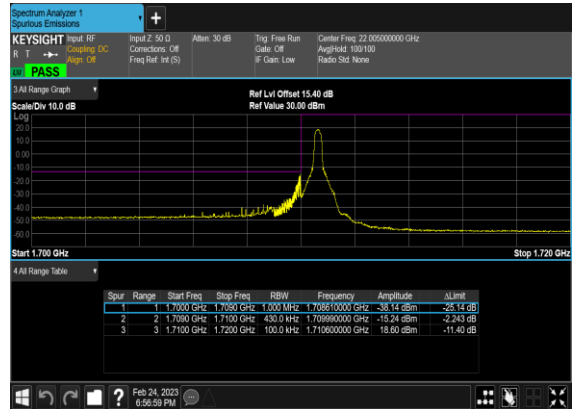
B7_N66(20M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH



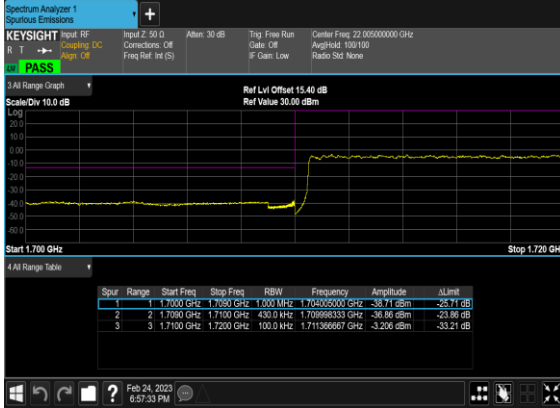
B7_N66(40M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



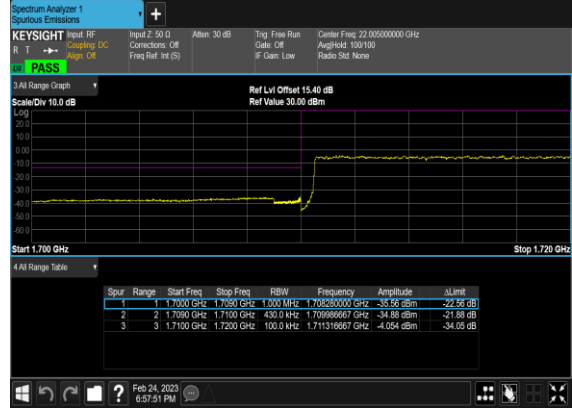
B7_N66(40M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



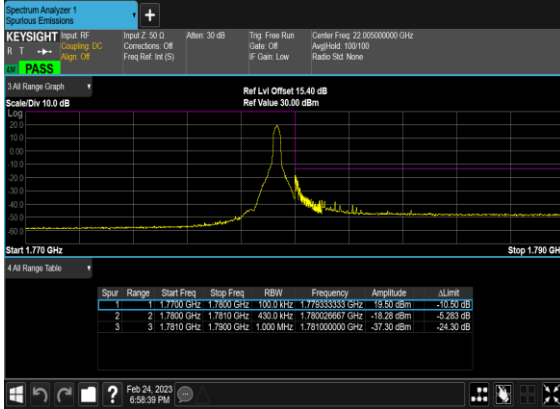
B7_N66(40M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH



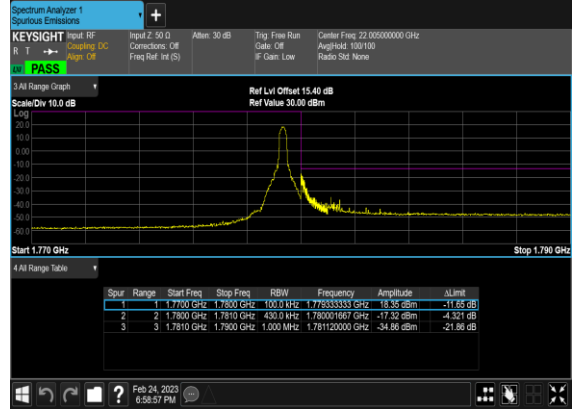
B7_N66(40M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH



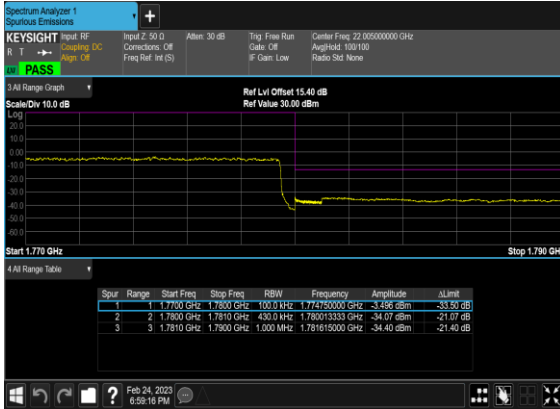
B7_N66(40M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH



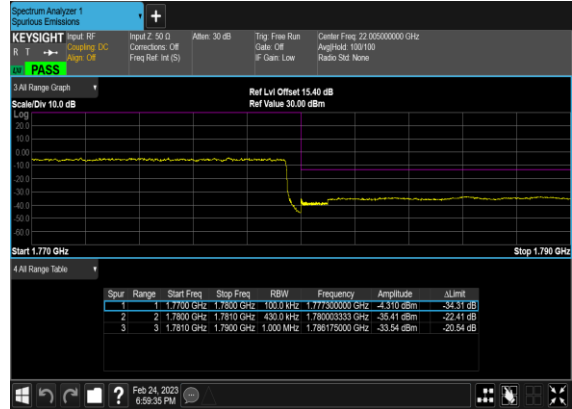
B7_N66(40M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH



B7_N66(40M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH



B7_N66(40M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH



FR1 N71(ANT0)

Transmitter Conducted Output Power And ERP, (G_T-L_C)=-2.7dB

NR Band	SCS	BandWidth	Arfcn	Freq (MHz)	Modulation	RB	Conducted Power(dBm)	ERP (dBm)	ERP (W)
71	15	5	133100	665.5	DFT-s-OFDM PI/2 BPSK	1@1	23.69	18.84	0.0766
71	15	5	136100	680.5	DFT-s-OFDM PI/2 BPSK	1@1	23.41	18.56	0.0718
71	15	5	139100	695.5	DFT-s-OFDM PI/2 BPSK	1@1	23.3	18.45	0.0700
71	15	10	133600	668	DFT-s-OFDM PI/2 BPSK	1@1	23.64	18.79	0.0757
71	15	10	136100	680.5	DFT-s-OFDM PI/2 BPSK	1@1	23.35	18.5	0.0708
71	15	10	138600	693	DFT-s-OFDM PI/2 BPSK	1@1	23.43	18.58	0.0721
71	15	15	134100	670.5	DFT-s-OFDM PI/2 BPSK	1@1	23.41	18.56	0.0718
71	15	15	136100	680.5	DFT-s-OFDM PI/2 BPSK	1@1	23.28	18.43	0.0697
71	15	15	138100	690.5	DFT-s-OFDM PI/2 BPSK	1@1	23.41	18.56	0.0718
71	15	20	134600	680.5	DFT-s-OFDM PI/2 BPSK	50@25	23.39	18.54	0.0714
71	15	20	134600	680.5	DFT-s-OFDM PI/2 BPSK	1@1	23.98	19.13	0.0818
71	15	20	134600	680.5	DFT-s-OFDM PI/2 BPSK	1@104	23.2	18.35	0.0684
71	15	20	134600	673	DFT-s-OFDM QPSK	50@25	23.41	18.56	0.0718
71	15	20	134600	673	DFT-s-OFDM QPSK	1@1	23.53	18.68	0.0738
71	15	20	134600	673	DFT-s-OFDM QPSK	1@104	23.33	18.48	0.0705
71	15	20	134600	673	DFT-s-OFDM 16 QAM	50@25	22.34	17.49	0.0561
71	15	20	134600	673	DFT-s-OFDM 16 QAM	1@1	22.5	17.65	0.0582
71	15	20	134600	673	DFT-s-OFDM 16 QAM	1@104	22.33	17.48	0.0560
71	15	20	134600	673	DFT-s-OFDM 64 QAM	50@25	20.84	15.99	0.0397
71	15	20	134600	673	DFT-s-OFDM 64 QAM	1@1	21.2	16.35	0.0432
71	15	20	134600	673	DFT-s-OFDM 64 QAM	1@104	20.93	16.08	0.0406
71	15	20	134600	673	DFT-s-OFDM 256 QAM	50@25	18.75	13.9	0.0245
71	15	20	134600	673	DFT-s-OFDM 256 QAM	1@1	18.38	13.53	0.0225
71	15	20	134600	673	DFT-s-OFDM 256 QAM	1@104	18.3	13.45	0.0221
71	15	20	134600	673	CP-OFDM QPSK	1@1	22	17.15	0.0519
71	15	20	136100	680.5	DFT-s-OFDM PI/2 BPSK	50@25	23.38	18.53	0.0713
71	15	20	136100	680.5	DFT-s-OFDM PI/2 BPSK	1@1	23.34	18.49	0.0706
71	15	20	136100	680.5	DFT-s-OFDM PI/2 BPSK	1@104	23.16	18.31	0.0678
71	15	20	136100	680.5	DFT-s-OFDM QPSK	50@25	23.44	18.59	0.0723
71	15	20	136100	680.5	DFT-s-OFDM QPSK	1@1	23.43	18.58	0.0721
71	15	20	136100	680.5	DFT-s-OFDM QPSK	1@104	23.24	18.39	0.0690
71	15	20	136100	680.5	DFT-s-OFDM 16 QAM	50@25	22.39	17.54	0.0568
71	15	20	136100	680.5	DFT-s-OFDM 16 QAM	1@1	22.36	17.51	0.0564
71	15	20	136100	680.5	DFT-s-OFDM 16 QAM	1@104	22.26	17.41	0.0551
71	15	20	136100	680.5	DFT-s-OFDM 64 QAM	50@25	20.9	16.05	0.0403
71	15	20	136100	680.5	DFT-s-OFDM 64 QAM	1@1	21	16.15	0.0412
71	15	20	136100	680.5	DFT-s-OFDM 64 QAM	1@104	20.88	16.03	0.0401
71	15	20	136100	680.5	DFT-s-OFDM 256 QAM	50@25	18.86	14.01	0.0252
71	15	20	136100	680.5	DFT-s-OFDM 256 QAM	1@1	18.25	13.4	0.0219
71	15	20	136100	680.5	DFT-s-OFDM 256 QAM	1@104	18.08	13.23	0.0210

71	15	20	136100	680.5	CP-OFDM QPSK	1@1	21.89	17.04	0.0506
71	15	20	137600	688	DFT-s-OFDM PI/2 BPSK	50@25	23.29	18.44	0.0698
71	15	20	137600	688	DFT-s-OFDM PI/2 BPSK	1@1	23.32	18.47	0.0703
71	15	20	137600	688	DFT-s-OFDM PI/2 BPSK	1@104	23.08	18.23	0.0665
71	15	20	137600	688	DFT-s-OFDM QPSK	50@25	23.25	18.4	0.0692
71	15	20	137600	688	DFT-s-OFDM QPSK	1@1	23.38	18.53	0.0713
71	15	20	137600	688	DFT-s-OFDM QPSK	1@104	23.16	18.31	0.0678
71	15	20	137600	688	DFT-s-OFDM 16 QAM	50@25	22.27	17.42	0.0552
71	15	20	137600	688	DFT-s-OFDM 16 QAM	1@1	22.34	17.49	0.0561
71	15	20	137600	688	DFT-s-OFDM 16 QAM	1@104	22.06	17.21	0.0526
71	15	20	137600	688	DFT-s-OFDM 64 QAM	50@25	20.81	15.96	0.0394
71	15	20	137600	688	DFT-s-OFDM 64 QAM	1@1	21.1	16.25	0.0422
71	15	20	137600	688	DFT-s-OFDM 64 QAM	1@104	20.72	15.87	0.0386
71	15	20	137600	688	DFT-s-OFDM 256 QAM	50@25	18.71	13.86	0.0243
71	15	20	137600	688	DFT-s-OFDM 256 QAM	1@1	18.31	13.46	0.0222
71	15	20	137600	688	DFT-s-OFDM 256 QAM	1@104	18.09	13.24	0.0211
71	15	20	137600	688	CP-OFDM QPSK	1@1	21.91	17.06	0.0508

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	0.0032	PASS	NV
71	15	20	136100	680.5	DFT-s-OFDM QPSK	100@0	-0.0012	PASS	LV
71	15	20	136100	680.5	DFT-s-OFDM QPSK	100@0	0.0022	PASS	HV
71	15	20	136100	680.5	DFT-s-OFDM QPSK	100@0	0.0015	PASS	-30°C
71	15	20	136100	680.5	DFT-s-OFDM QPSK	100@0	0.0021	PASS	-20°C
71	15	20	136100	680.5	DFT-s-OFDM QPSK	100@0	0.0011	PASS	-10°C
71	15	20	136100	680.5	DFT-s-OFDM QPSK	100@0	0.0024	PASS	0°C
71	15	20	136100	680.5	DFT-s-OFDM QPSK	100@0	0.0032	PASS	10°C
71	15	20	136100	680.5	DFT-s-OFDM QPSK	100@0	0.0019	PASS	20°C
71	15	20	136100	680.5	DFT-s-OFDM QPSK	100@0	0.0016	PASS	30°C
71	15	20	136100	680.5	DFT-s-OFDM QPSK	100@0	0.0032	PASS	40°C
71	15	20	136100	680.5	DFT-s-OFDM QPSK	100@0	0.0015	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	4.46	13	PASS
71	15	20	136100	680.5	DFT-s-OFDM PI/2 BPSK	1@0	4.53	13	PASS
71	15	20	136100	680.5	DFT-s-OFDM QPSK	100@0	5.33	13	PASS
71	15	20	136100	680.5	DFT-s-OFDM QPSK	1@0	6.27	13	PASS

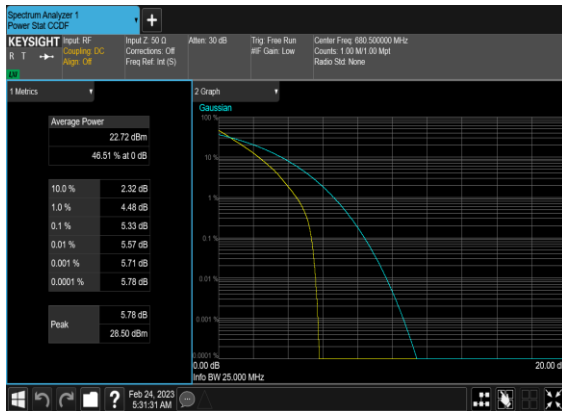
N71(20M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_Mid_CH



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



N71(20M)_DFT-s-OFDM_QPSK_Outer_Full_Mid_CH



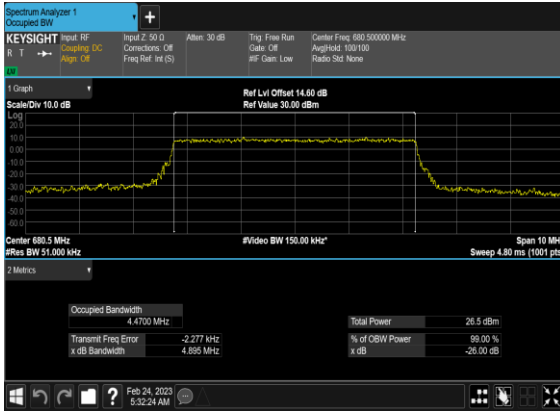
N71(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



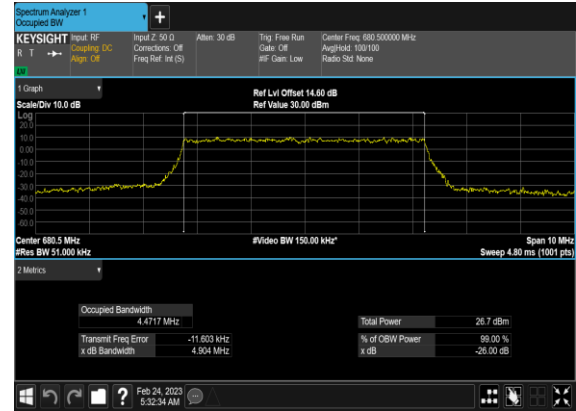
Occupied Bandwidth

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	4.47	4.895
71	15	5	136100	680.5	CP-OFDM 16 QAM	25@0	4.4717	4.904
71	15	5	136100	680.5	CP-OFDM 64 QAM	25@0	4.4656	4.853
71	15	5	136100	680.5	CP-OFDM 256 QAM	25@0	4.4744	4.906
71	15	10	136100	680.5	CP-OFDM QPSK	52@0	9.2575	9.917
71	15	10	136100	680.5	CP-OFDM 16 QAM	52@0	9.272	9.857
71	15	10	136100	680.5	CP-OFDM 64 QAM	52@0	9.2437	9.827
71	15	10	136100	680.5	CP-OFDM 256 QAM	52@0	9.2709	9.891
71	15	15	136100	680.5	CP-OFDM QPSK	79@0	14.08	14.69
71	15	15	136100	680.5	CP-OFDM 16 QAM	79@0	14.087	14.71
71	15	15	136100	680.5	CP-OFDM 64 QAM	79@0	14.098	14.7
71	15	15	136100	680.5	CP-OFDM 256 QAM	79@0	14.07	14.73
71	15	20	136100	680.5	CP-OFDM QPSK	106@0	18.84	19.68
71	15	20	136100	680.5	CP-OFDM 16 QAM	106@0	18.869	19.76
71	15	20	136100	680.5	CP-OFDM 64 QAM	106@0	18.839	19.65
71	15	20	136100	680.5	CP-OFDM 256 QAM	106@0	18.898	19.73

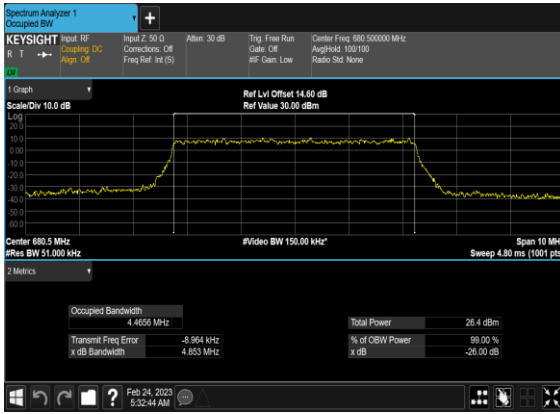
N71(5M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



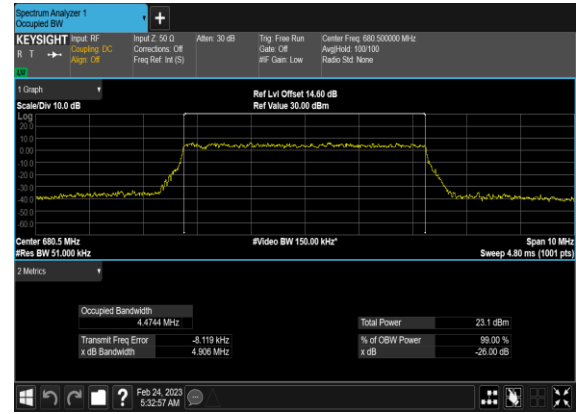
N71(5M)_CP-OFDM_16QAM_Outer_Full_Mid_CH



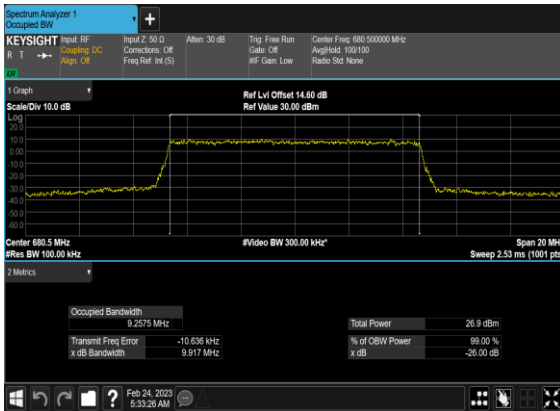
N71(5M)_CP-OFDM_64QAM_Outer_Full_Mid_CH



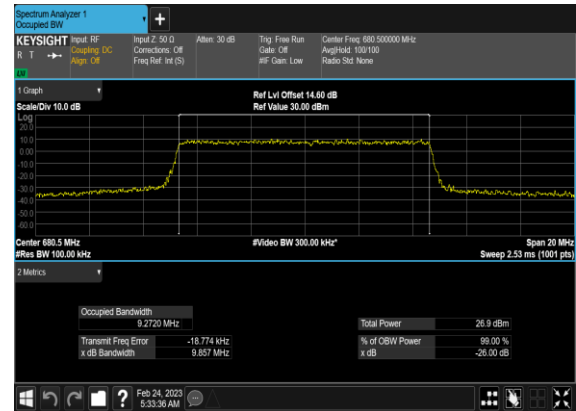
N71(5M)_CP-OFDM_256QAM_Outer_Full_Mid_CH



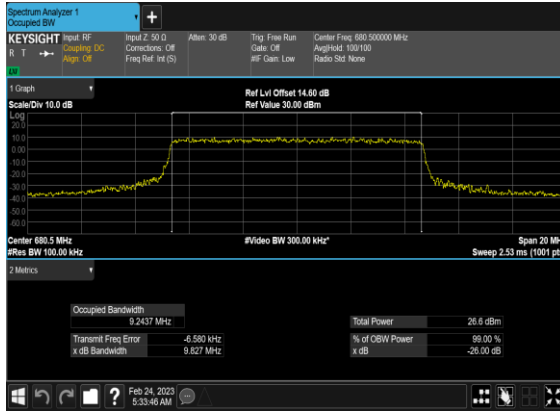
N71(10M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



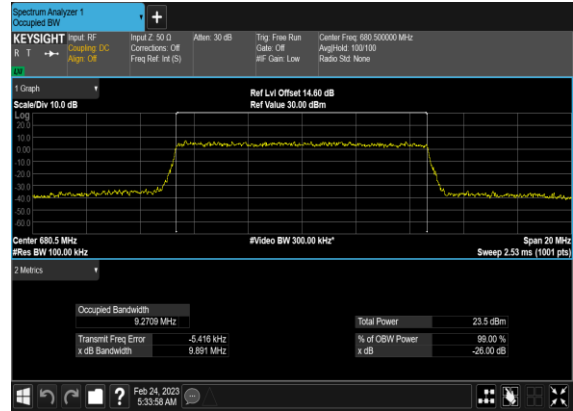
N71(10M)_CP-OFDM_16QAM_Outer_Full_Mid_CH



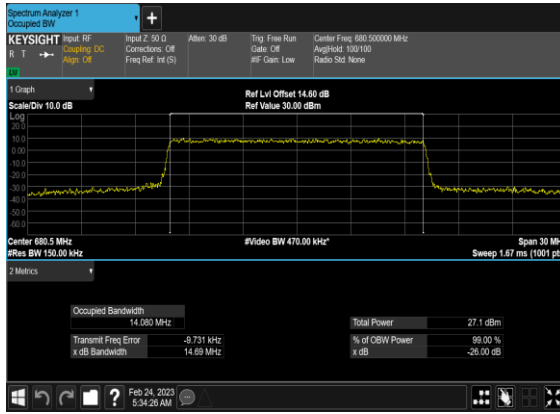
N71(10M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH



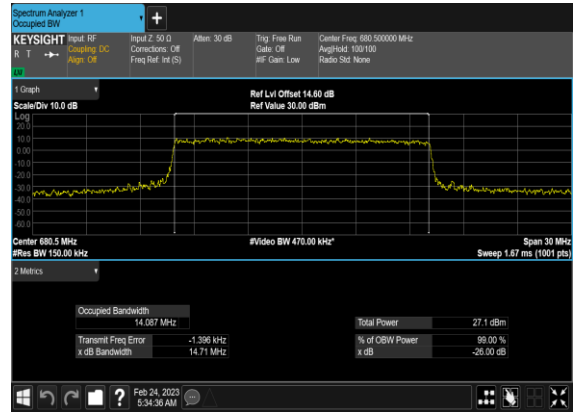
N71(10M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH



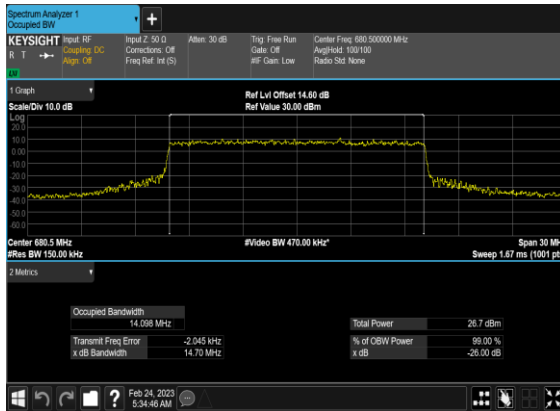
N71(15M)_CP- OFDM_QPSK_Outer_Full_Mid_CH



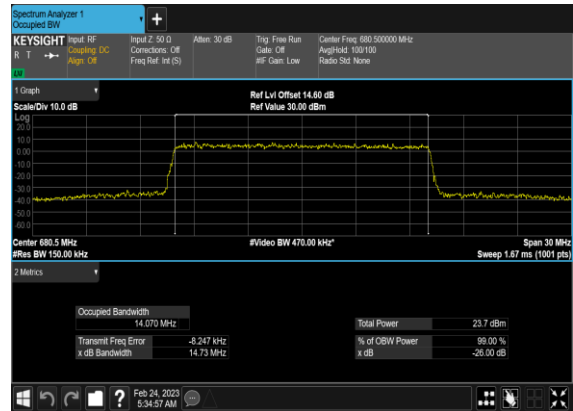
N71(15M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



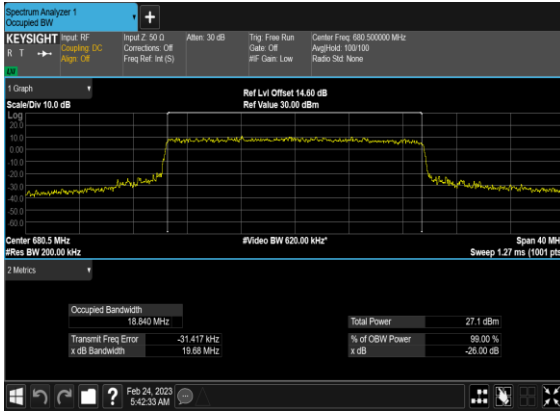
N71(15M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH



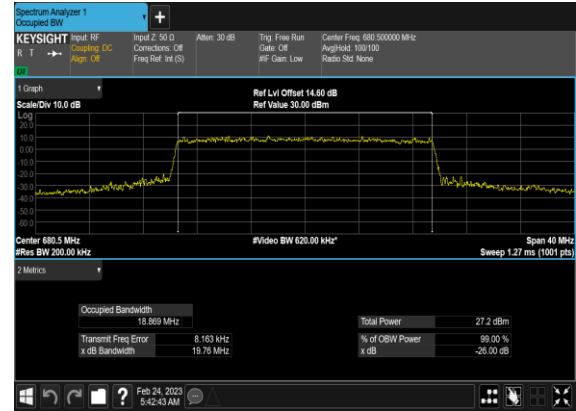
N71(15M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH



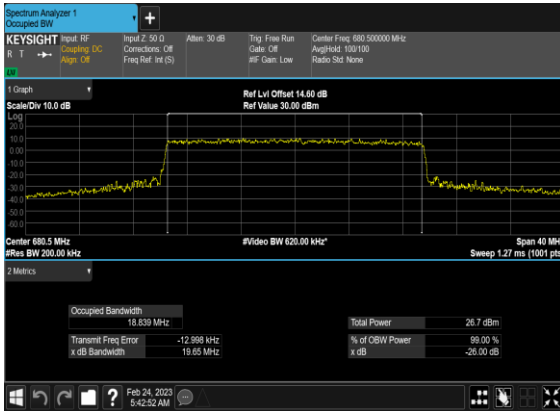
N71(20M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



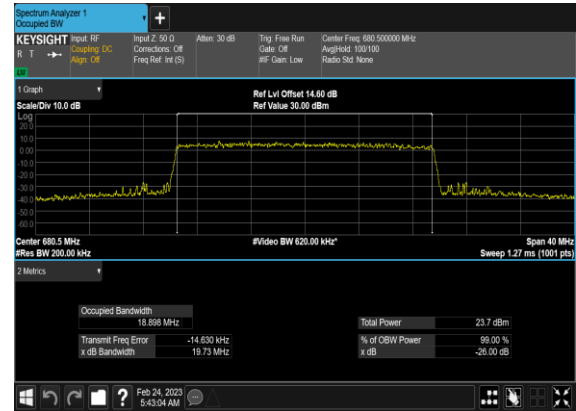
N71(20M)_CP-OFDM_16QAM_Outer_Full_Mid_CH



N71(20M)_CP-OFDM_64QAM_Outer_Full_Mid_CH



N71(20M)_CP-OFDM_256QAM_Outer_Full_Mid_CH

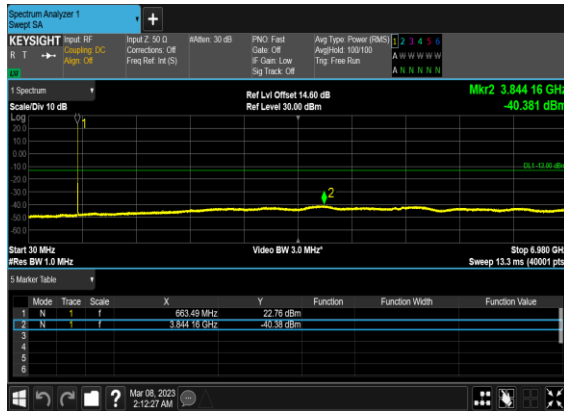


Conducted Spurious Emissions

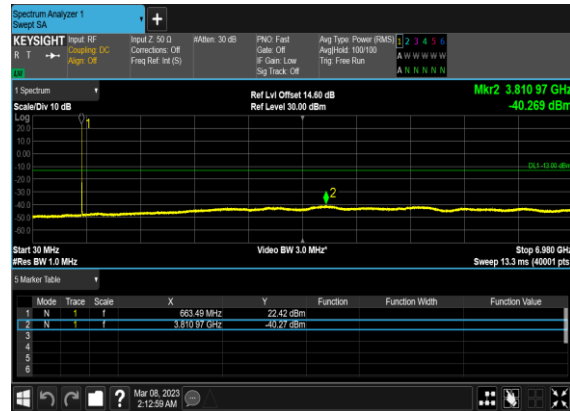
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
71	15	5	133100	665.5	DFT-s-OFDM BPSK	1@0	see graph	---
71	15	5	133100	665.5	DFT-s-OFDM BPSK	1@0	see graph	PASS
71	15	5	133100	665.5	DFT-s-OFDM QPSK	1@0	see graph	---
71	15	5	133100	665.5	DFT-s-OFDM QPSK	1@0	see graph	PASS
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



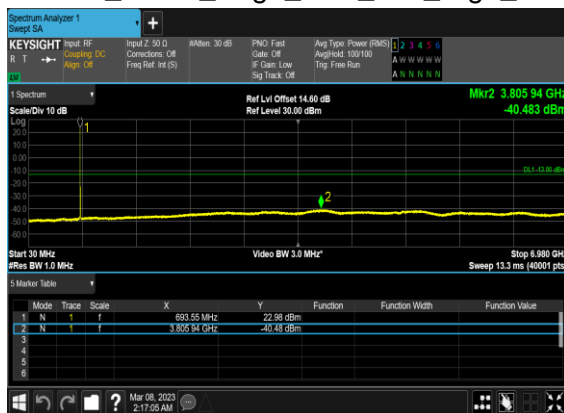
N71(5M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



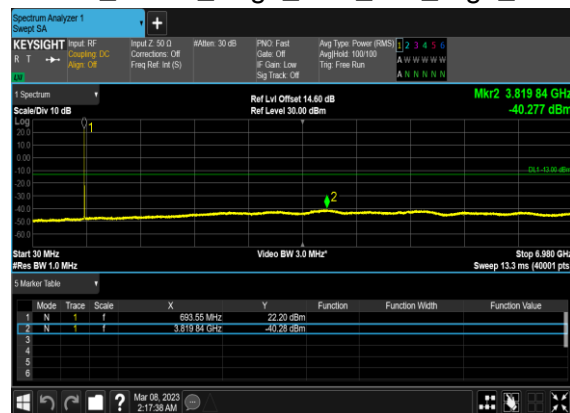
N71(5M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



N71(5M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



N71(5M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH



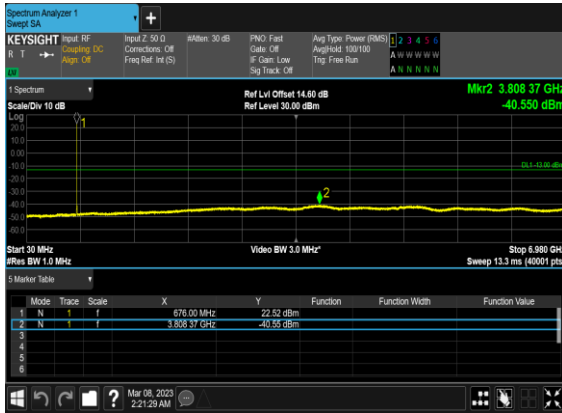
N71(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



N71(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



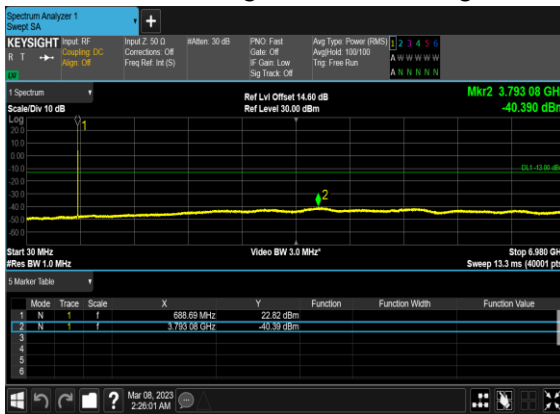
N71(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



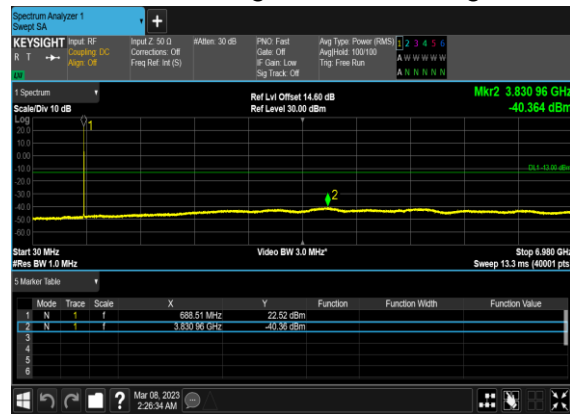
N71(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



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



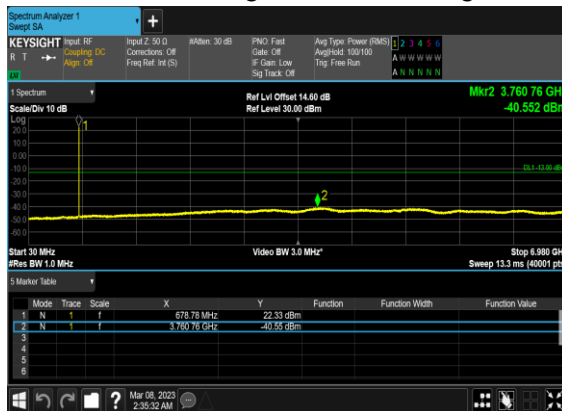
N71(20M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Mid_CH



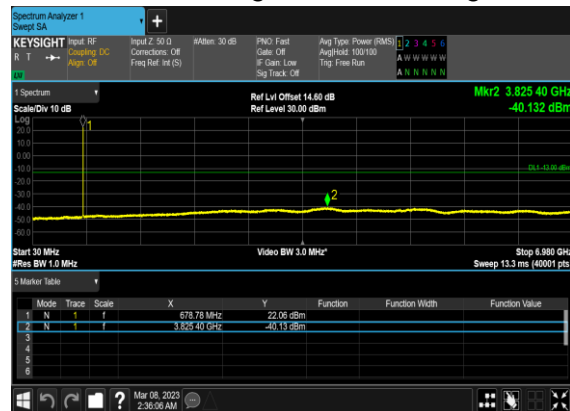
N71(20M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Mid_CH



N71(20M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_High_CH



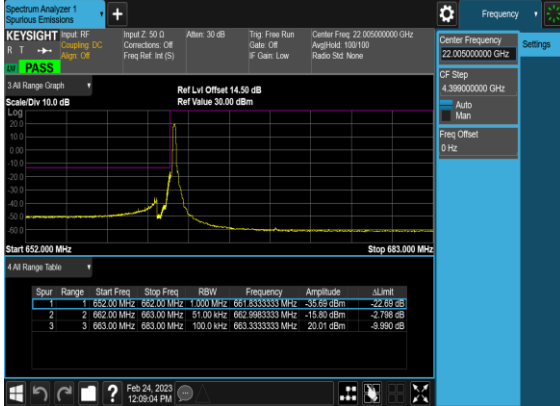
N71(20M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_High_CH



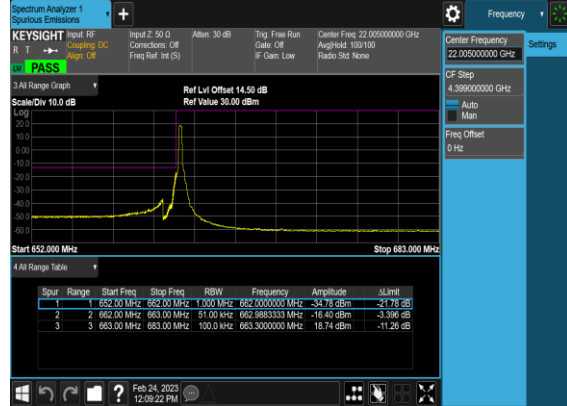
Conducted Band Edge

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

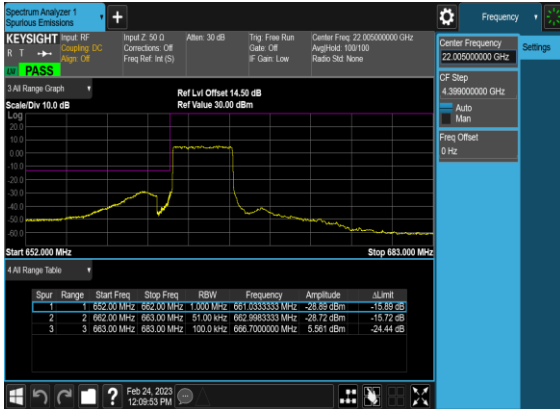
N71(5M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



N71(5M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



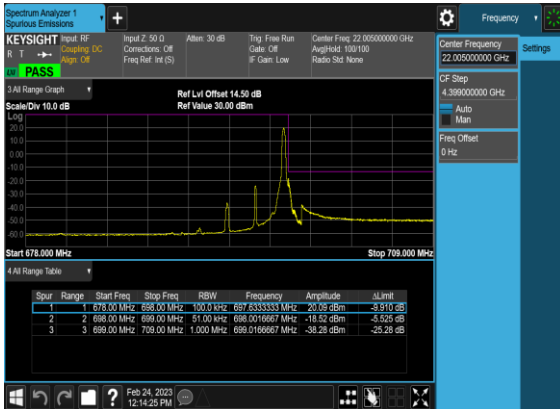
N71(5M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH



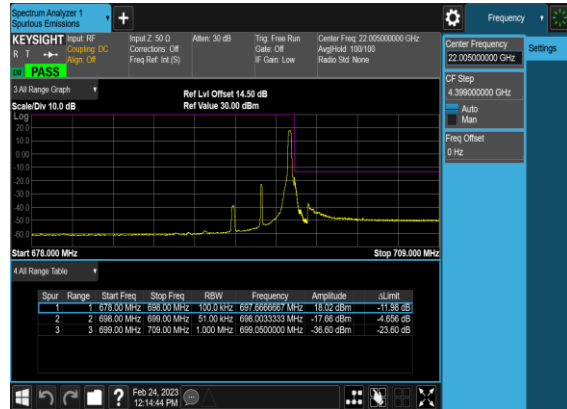
N71(5M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH



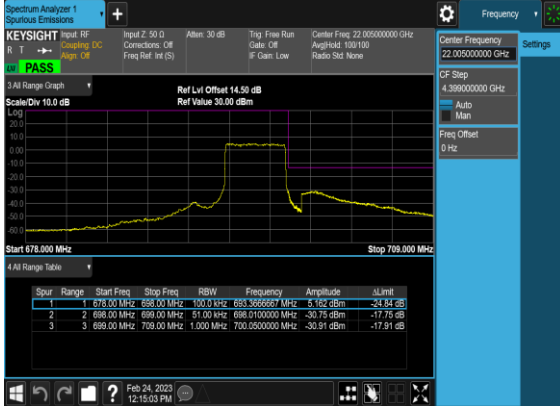
N71(5M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH



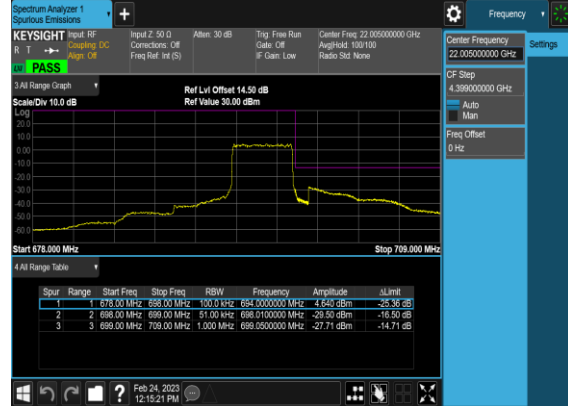
N71(5M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH



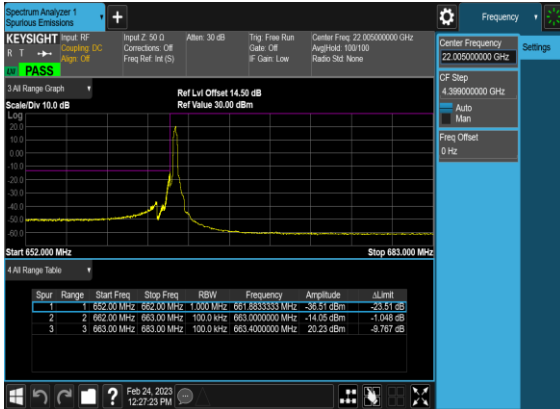
N71(5M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH



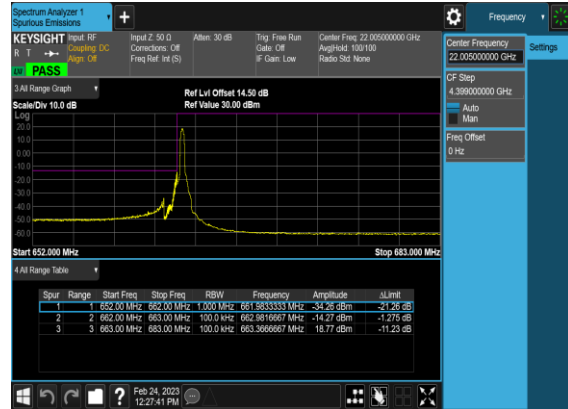
N71(5M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH



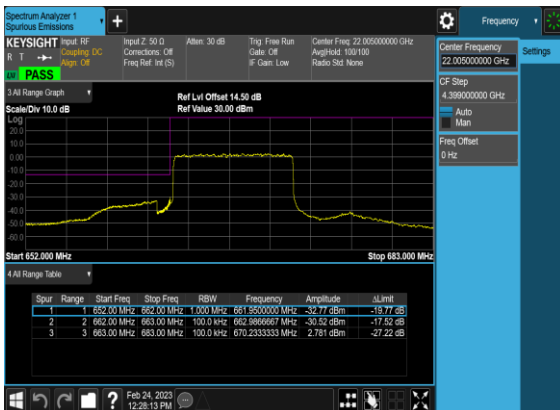
N71(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



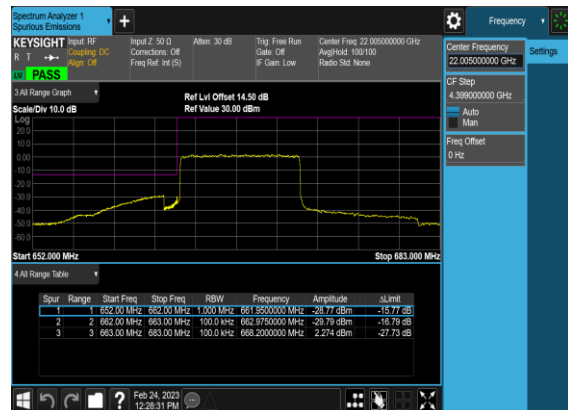
N71(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



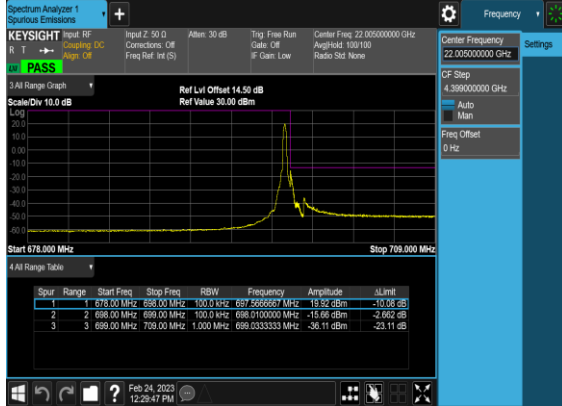
N71(10M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH



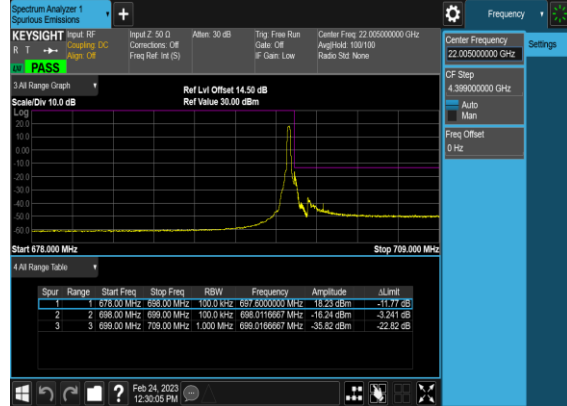
N71(10M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH



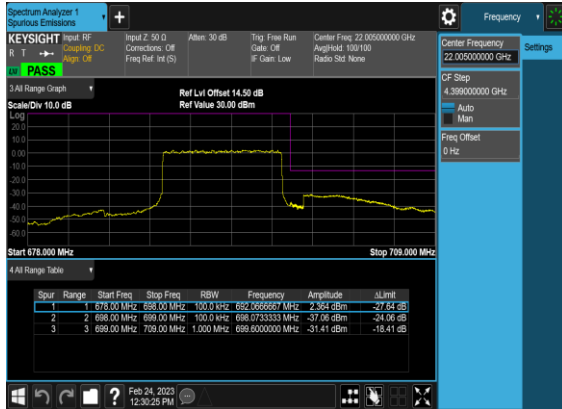
N71(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH



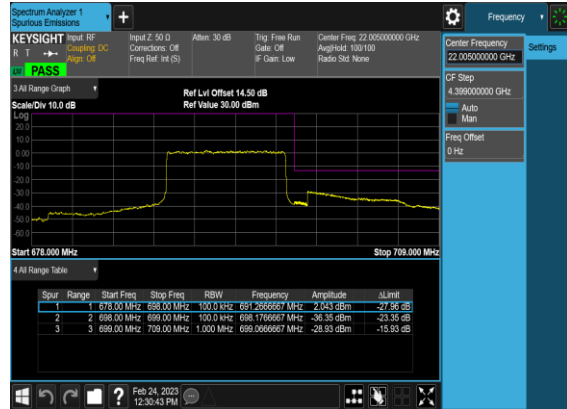
N71(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH



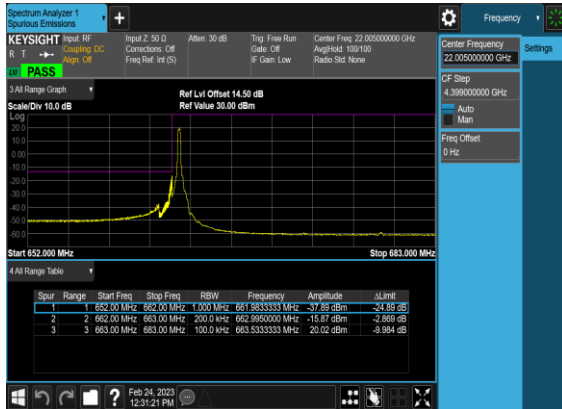
N71(10M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH



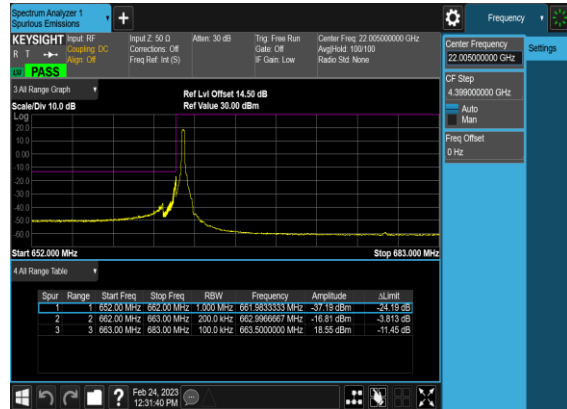
N71(10M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH



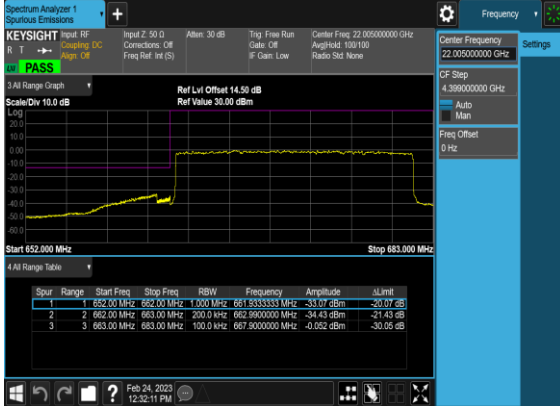
N71(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



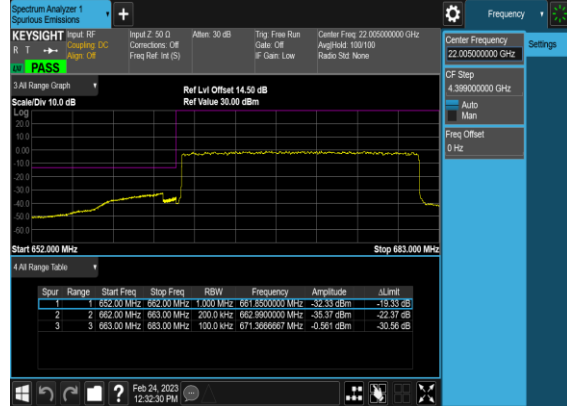
N71(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



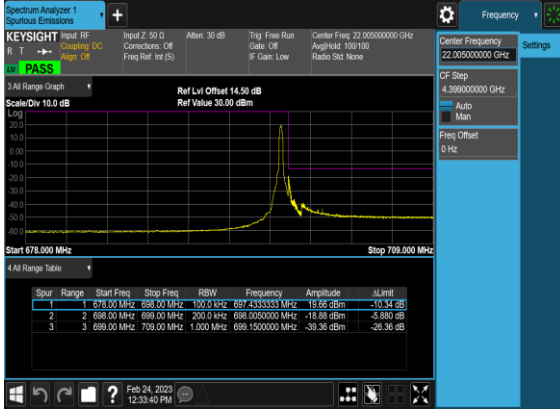
N71(20M)_DFT-s-
OFDM_BPSK_Outer_Full_Low_CH



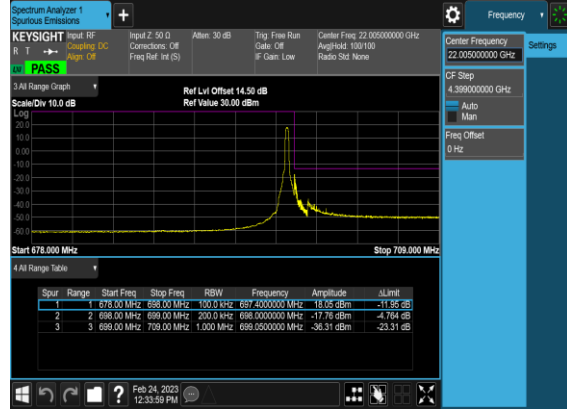
N71(20M)_DFT-s-
OFDM_QPSK_Outer_Full_Low_CH



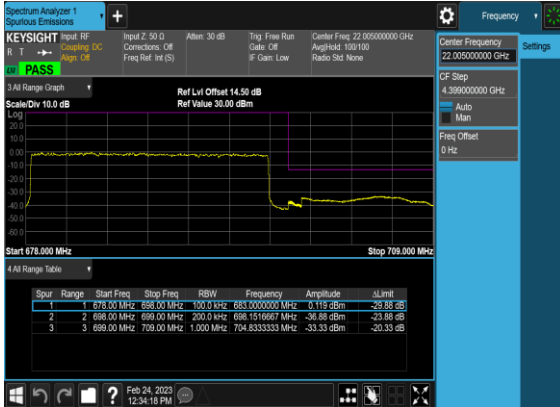
N71(20M)_DFT-s-
OFDM_BPSK_Edge_1RB_Right_High_CH



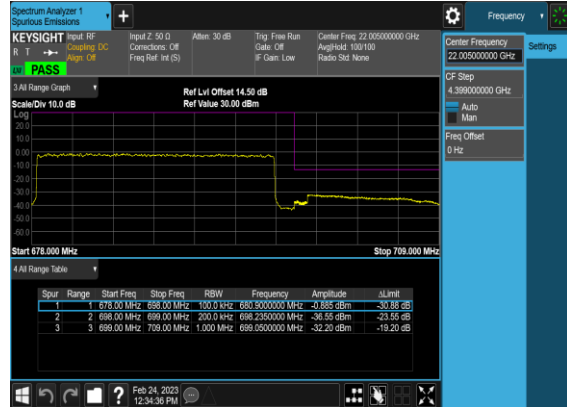
N71(20M)_DFT-s-
OFDM_QPSK_Edge_1RB_Right_High_CH



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 :	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.

Sample 1 with Battery 1 :

SA n2 / NR 20MHz / QPSK / ANT1(NR)								
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	-49.09	-13	-36.09	-61.35	2.64	14.90	H
	5550	-55.59	-13	-42.59	-67.45	2.94	14.80	H
	7410	-53.18	-13	-40.18	-62.95	3.39	13.16	H
	3705	-50.56	-13	-37.56	-62.82	2.64	14.90	V
	5550	-55.41	-13	-42.41	-67.27	2.94	14.80	V
	7410	-52.98	-13	-39.98	-62.75	3.39	13.16	V
Middle	3735	-49.51	-13	-36.51	-61.77	2.64	14.90	H
	5610	-55.03	-13	-42.03	-66.89	2.94	14.80	H
	7485	-52.98	-13	-39.98	-62.75	3.39	13.16	H
	3735	-49.99	-13	-36.99	-62.25	2.64	14.90	V
	5610	-53.91	-13	-40.91	-65.77	2.94	14.80	V
	7485	-52.74	-13	-39.74	-62.51	3.39	13.16	V
Highest	3780	-50.11	-13	-37.11	-62.37	2.64	14.90	H
	5670	-54.10	-13	-41.10	-65.96	2.94	14.80	H
	7560	-52.98	-13	-39.98	-62.75	3.39	13.16	H
	3780	-51.44	-13	-38.44	-63.70	2.64	14.90	V
	5670	-53.66	-13	-40.66	-65.52	2.94	14.80	V
	7560	-52.66	-13	-39.66	-62.43	3.39	13.16	V

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



EN-DC_7A_n2A / LTE 20MHz + NR 20MHz / QPSK / ANT2(LTE) & ANT1(NR) – 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	-46.47	-13	-33.47	-58.73	2.64	14.90	H
	5550	-55.64	-13	-42.64	-67.50	2.94	14.80	H
	7410	-52.88	-13	-39.88	-62.65	3.39	13.16	H
	3705	-46.99	-13	-33.99	-59.25	2.64	14.90	V
	5550	-55.79	-13	-42.79	-67.65	2.94	14.80	V
	7410	-52.73	-13	-39.73	-62.50	3.39	13.16	V
Middle	3735	-47.20	-13	-34.20	-59.46	2.64	14.90	H
	5610	-55.40	-13	-42.40	-67.26	2.94	14.80	H
	7485	-52.48	-13	-39.48	-62.25	3.39	13.16	H
	3735	-47.32	-13	-34.32	-59.58	2.64	14.90	V
	5610	-55.64	-13	-42.64	-67.50	2.94	14.80	V
	7485	-52.75	-13	-39.75	-62.52	3.39	13.16	V
Highest	3780	-51.38	-13	-38.38	-63.64	2.64	14.90	H
	5670	-55.50	-13	-42.50	-67.36	2.94	14.80	H
	7560	-52.88	-13	-39.88	-62.65	3.39	13.16	H
	3780	-50.52	-13	-37.52	-62.78	2.64	14.90	V
	5670	-56.20	-13	-43.20	-68.06	2.94	14.80	V
	7560	-52.40	-13	-39.40	-62.17	3.39	13.16	V

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

SA n5 / NR 20MHz / QPSK / ANT0(NR)								
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	-63.27	-13	-50.27	-70.24	1.58	10.70	H
	2472	-59.03	-13	-46.03	-67.28	2.102	12.50	H
	3304	-58.84	-13	-45.84	-67.73	2.856	13.90	H
	1648	-62.71	-13	-49.71	-69.68	1.58	10.70	V
	2472	-57.49	-13	-44.49	-65.74	2.10	12.50	V
	3304	-58.55	-13	-45.55	-67.44	2.86	13.90	V
Middle	1656	-62.98	-13	-49.98	-69.95	1.58	10.70	H
	2480	-59.33	-13	-46.33	-67.58	2.102	12.50	H
	3312	-58.70	-13	-45.70	-67.59	2.856	13.90	H
	1656	-62.19	-13	-49.19	-69.16	1.58	10.70	V
	2480	-57.16	-13	-44.16	-65.41	2.10	12.50	V
	3312	-59.05	-13	-46.05	-67.94	2.86	13.90	V
Highest	1656	-62.81	-13	-49.81	-69.78	1.58	10.70	H
	2488	-59.18	-13	-46.18	-67.43	2.102	12.50	H
	3320	-59.09	-13	-46.09	-67.98	2.856	13.90	H
	1656	-61.97	-13	-48.97	-68.94	1.58	10.70	V
	2488	-57.14	-13	-44.14	-65.39	2.10	12.50	V
	3320	-59.05	-13	-46.05	-67.94	2.86	13.90	V

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



EN-DC_7A_n5A / LTE 20MHz + NR 20MHz / QPSK / ANT2(LTE) & ANT0(NR)								
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	-63.49	-13	-50.49	-70.46	1.58	10.70	H
	2472	-59.46	-13	-46.46	-67.71	2.102	12.50	H
	3304	-58.82	-13	-45.82	-67.71	2.856	13.90	H
	1648	-62.42	-13	-49.42	-69.39	1.58	10.70	V
	2472	-57.47	-13	-44.47	-65.72	2.10	12.50	V
	3304	-58.75	-13	-45.75	-67.64	2.86	13.90	V
Middle	1656	-62.76	-13	-49.76	-69.73	1.58	10.70	H
	2480	-59.23	-13	-46.23	-67.48	2.102	12.50	H
	3312	-58.95	-13	-45.95	-67.84	2.856	13.90	H
	1656	-63.09	-13	-50.09	-70.06	1.58	10.70	V
	2480	-59.30	-13	-46.30	-67.55	2.10	12.50	V
	3312	-58.91	-13	-45.91	-67.80	2.86	13.90	V
Highest	1656	-62.73	-13	-49.73	-69.70	1.58	10.70	H
	2488	-59.04	-13	-46.04	-67.29	2.102	12.50	H
	3320	-58.69	-13	-45.69	-67.58	2.856	13.90	H
	1656	-62.17	-13	-49.17	-69.14	1.58	10.70	V
	2488	-57.10	-13	-44.10	-65.35	2.10	12.50	V
	3320	-59.33	-13	-46.33	-68.22	2.86	13.90	V

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



SA n7 / NR 40MHz / QPSK / ANT2(NR)								
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	5004	-59.32	-25	-34.32	-69.53	3.03	13.24	H
	7506	-56.24	-25	-31.24	-65.69	3.56	13.01	H
	10008	-60.98	-25	-35.98	-70.50	3.92	13.44	H
	12510	-52.50	-25	-27.50	-62.87	4.77	15.14	H
	5004	-60.36	-25	-35.36	-70.57	3.03	13.24	V
	7506	-56.59	-25	-31.59	-66.04	3.56	13.01	V
	10008	-61.52	-25	-36.52	-71.04	3.92	13.44	V
	12510	-53.94	-25	-28.94	-64.31	4.77	15.14	V
Middle	5036	-62.48	-25	-37.48	-72.69	3.03	13.24	H
	7542	-52.67	-25	-27.67	-62.12	3.56	13.01	H
	10062	-61.20	-25	-36.20	-70.72	3.92	13.44	H
	12582	-52.72	-25	-27.72	-63.09	4.77	15.14	H
	5036	-59.32	-25	-34.32	-69.53	3.03	13.24	V
	7542	-54.97	-25	-29.97	-64.42	3.56	13.01	V
	10062	-61.40	-25	-36.40	-70.92	3.92	13.44	V
	12582	-52.95	-25	-27.95	-63.32	4.77	15.14	V
Highest	5064	-60.50	-25	-35.50	-70.71	3.03	13.24	H
	7596	-55.39	-25	-30.39	-64.84	3.56	13.01	H
	10128	-61.01	-25	-36.01	-70.53	3.92	13.44	H
	12660	-53.35	-25	-28.35	-63.72	4.77	15.14	H
	5064	-58.54	-25	-33.54	-68.75	3.03	13.24	V
	7596	-54.52	-25	-29.52	-63.97	3.56	13.01	V
	10128	-61.06	-25	-36.06	-70.58	3.92	13.44	V
	12660	-52.76	-25	-27.76	-63.13	4.77	15.14	V

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



EN-DC_66A_n7A / LTE 20MHz + NR 40MHz / QPSK / ANT1(LTE) & ANT2(NR)								
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	5004	-64.71	-25	-39.71	-74.92	3.03	13.24	H
	7506	-61.84	-25	-36.84	-71.29	3.56	13.01	H
	10008	-60.96	-25	-35.96	-70.48	3.92	13.44	H
	5004	-64.64	-25	-39.64	-74.85	3.03	13.24	V
	7506	-61.70	-25	-36.70	-71.15	3.56	13.01	V
	10008	-61.35	-25	-36.35	-70.87	3.92	13.44	V
Middle	5034.18	-64.86	-25	-39.86	-75.07	3.03	13.24	H
	7551.27	-61.74	-25	-36.74	-71.19	3.56	13.01	H
	10062	-61.36	-25	-36.36	-70.88	3.92	13.44	H
	5036	-64.64	-25	-39.64	-74.85	3.03	13.24	V
	7551.27	-61.86	-25	-36.86	-71.31	3.56	13.01	V
	10068.36	-61.24	-25	-36.24	-70.76	3.92	13.44	V
Highest	5064	-64.82	-25	-39.82	-75.03	3.03	13.24	H
	7596	-62.23	-25	-37.23	-71.68	3.56	13.01	H
	10128	-61.28	-25	-36.28	-70.80	3.92	13.44	H
	5064	-64.81	-25	-39.81	-75.02	3.03	13.24	V
	7596	-62.04	-25	-37.04	-71.49	3.56	13.01	V
	10128	-61.62	-25	-36.62	-71.14	3.92	13.44	V

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

SA n38 / NR 40MHz / QPSK / ANT2(NR)								
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	5144	-61.46	-25	-36.46	-71.67	3.03	13.24	H
	7716	-61.01	-25	-36.01	-70.46	3.56	13.01	H
	10290	-61.99	-25	-36.99	-71.51	3.92	13.44	H
	5144	-63.47	-25	-38.47	-73.68	3.03	13.24	V
	7716	-62.28	-25	-37.28	-71.73	3.56	13.01	V
	10290	-62.42	-25	-37.42	-71.94	3.92	13.44	V
Middle	5152	-60.83	-25	-35.83	-71.04	3.03	13.24	H
	7732	-62.63	-25	-37.63	-72.08	3.56	13.01	H
	10310	-62.74	-25	-37.74	-72.26	3.92	13.44	H
	5152	-61.96	-25	-36.96	-72.17	3.03	13.24	V
	7732	-62.79	-25	-37.79	-72.24	3.56	13.01	V
	10310	-63.18	-25	-38.18	-72.70	3.92	13.44	V
Highest	5164	-61.81	-25	-36.81	-72.02	3.03	13.24	H
	7744	-59.73	-25	-34.73	-69.18	3.56	13.01	H
	10330	-62.59	-25	-37.59	-72.11	3.92	13.44	H
	5164	-62.61	-25	-37.61	-72.82	3.03	13.24	V
	7744	-60.82	-25	-35.82	-70.27	3.56	13.01	V
	10330	-62.65	-25	-37.65	-72.17	3.92	13.44	V

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



EN-DC_5A_n38A / LTE 10MHz + NR 40MHz / QPSK / ANT0(LTE) & ANT2(NR)								
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	5144.18	-64.90	-25	-39.90	-75.11	3.03	13.24	H
	7716.27	-60.84	-25	-35.84	-70.29	3.56	13.01	H
	10286	-61.42	-25	-36.42	-70.94	3.92	13.44	H
	5148	-66.49	-25	-41.49	-76.70	3.03	13.24	V
	7716.27	-62.69	-25	-37.69	-72.14	3.56	13.01	V
	10288.36	-63.09	-25	-38.09	-72.61	3.92	13.44	V
Middle	5154.18	-65.23	-25	-40.23	-75.44	3.03	13.24	H
	7731.27	-61.20	-25	-36.20	-70.65	3.56	13.01	H
	10314	-61.16	-25	-36.16	-70.68	3.92	13.44	H
	5148	-65.04	-25	-40.04	-75.25	3.03	13.24	V
	7731.27	-61.44	-25	-36.44	-70.89	3.56	13.01	V
	10308.36	-61.67	-25	-36.67	-71.19	3.92	13.44	V
Highest	5162	-64.54	-25	-39.54	-74.75	3.03	13.24	H
	7746.27	-61.47	-25	-36.47	-70.92	3.56	13.01	H
	10328.36	-61.16	-25	-36.16	-70.68	3.92	13.44	H
	5164.18	-67.22	-25	-42.22	-77.43	3.03	13.24	V
	7746.27	-62.65	-25	-37.65	-72.10	3.56	13.01	V
	10328	-62.60	-25	-37.60	-72.12	3.92	13.44	V

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



SA n41 / NR 100MHz / QPSK / ANT2(NR)								
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	4994	-60.62	-25	-35.62	-70.83	3.03	13.24	H
	7486	-56.46	-25	-31.46	-65.91	3.56	13.01	H
	10006	-61.22	-25	-36.22	-70.74	3.92	13.44	H
	12484	-52.02	-25	-27.02	-62.39	4.77	15.14	H
	4994	-59.76	-25	-34.76	-69.97	3.03	13.24	V
	7486	-60.58	-25	-35.58	-70.03	3.56	13.01	V
	10006	-61.35	-25	-36.35	-70.87	3.92	13.44	V
	12484	-55.86	-25	-30.86	-66.23	4.77	15.14	V
Middle	5092	-60.07	-25	-35.07	-70.28	3.03	13.24	H
	7626	-54.68	-25	-29.68	-64.13	3.56	13.01	H
	10188	-60.98	-25	-35.98	-70.50	3.92	13.44	H
	12722	-52.35	-25	-27.35	-62.72	4.77	15.14	H
	5092	-60.12	-25	-35.12	-70.33	3.03	13.24	V
	7626	-54.53	-25	-29.53	-63.98	3.56	13.01	V
	10188	-60.87	-25	-35.87	-70.39	3.92	13.44	V
	12722	-55.37	-25	-30.37	-65.74	4.77	15.14	V
Highest	5176	-58.26	-25	-33.26	-68.47	3.03	13.24	H
	7780	-59.40	-25	-34.40	-68.85	3.56	13.01	H
	10384	-60.50	-25	-35.50	-70.02	3.92	13.44	H
	12960	-46.59	-25	-21.59	-56.96	4.77	15.14	H
	5176	-60.44	-25	-35.44	-70.65	3.03	13.24	V
	7780	-53.47	-25	-28.47	-62.92	3.56	13.01	V
	10384	-60.81	-25	-35.81	-70.33	3.92	13.44	V
	12960	-52.83	-25	-27.83	-63.20	4.77	15.14	V

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



SA n66 / NR 40MHz / QPSK / ANT1(NR)								
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	3405	-51.60	-13	-38.60	-62.34	2.604	13.34	H
	5100	-56.20	-13	-43.20	-66.71	3.011	13.52	H
	6810	-54.81	-13	-41.81	-65.01	3.271	13.47	H
	3405	-50.84	-13	-37.84	-61.58	2.604	13.34	V
	5100	-55.72	-13	-42.72	-66.23	3.011	13.52	V
	6810	-55.11	-13	-42.11	-65.31	3.271	13.47	V
Middle	3450	-50.72	-13	-37.72	-61.46	2.604	13.34	H
	5175	-55.49	-13	-42.49	-66.00	3.011	13.52	H
	6915	-54.65	-13	-41.65	-64.85	3.271	13.47	H
	3450	-51.08	-13	-38.08	-61.82	2.604	13.34	V
	5175	-55.44	-13	-42.44	-65.95	3.011	13.52	V
	6915	-54.66	-13	-41.66	-64.86	3.271	13.47	V
Highest	3510	-50.81	-13	-37.81	-61.55	2.604	13.34	H
	5250	-57.23	-13	-44.23	-67.74	3.011	13.52	H
	7005	-54.41	-13	-41.41	-64.61	3.271	13.47	H
	3510	-51.44	-13	-38.44	-62.18	2.604	13.34	V
	5250	-56.64	-13	-43.64	-67.15	3.011	13.52	V
	7005	-54.36	-13	-41.36	-64.56	3.271	13.47	V

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

EN-DC_5A_n66A / LTE 10MHz + NR 40MHz / QPSK / ANT0(LTE) & ANT1(NR)								
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	3405	-55.63	-13	-42.63	-66.37	2.604	13.34	H
	5100	-55.71	-13	-42.71	-66.22	3.011	13.52	H
	6810	-54.90	-13	-41.90	-65.10	3.271	13.47	H
	3405	-55.43	-13	-42.43	-66.17	2.604	13.34	V
	5100	-55.87	-13	-42.87	-66.38	3.011	13.52	V
	6810	-54.77	-13	-41.77	-64.97	3.271	13.47	V
Middle	3450	-49.54	-13	-36.54	-60.28	2.604	13.34	H
	5175	-54.62	-13	-41.62	-65.13	3.011	13.52	H
	6915	-54.67	-13	-41.67	-64.87	3.271	13.47	H
	3450	-50.81	-13	-37.81	-61.55	2.604	13.34	V
	5175	-55.16	-13	-42.16	-65.67	3.011	13.52	V
	6915	-54.71	-13	-41.71	-64.91	3.271	13.47	V
Highest	3510	-53.20	-13	-40.20	-63.94	2.604	13.34	H
	5250	-57.07	-13	-44.07	-67.58	3.011	13.52	H
	7005	-54.38	-13	-41.38	-64.58	3.271	13.47	H
	3510	-52.62	-13	-39.62	-63.36	2.604	13.34	V
	5250	-56.95	-13	-43.95	-67.46	3.011	13.52	V
	7005	-53.97	-13	-40.97	-64.17	3.271	13.47	V

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



EN-DC_7A_n66A / LTE 20MHz + NR 40MHz / QPSK / ANT2(LTE) & ANT1(NR) – 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	3405	-54.24	-13	-41.24	-64.98	2.604	13.34	H
	5100	-56.06	-13	-43.06	-66.57	3.011	13.52	H
	6810	-54.92	-13	-41.92	-65.12	3.271	13.47	H
	3405	-54.67	-13	-41.67	-65.41	2.604	13.34	V
	5100	-55.88	-13	-42.88	-66.39	3.011	13.52	V
	6810	-54.98	-13	-41.98	-65.18	3.271	13.47	V
Middle	3450	-47.55	-13	-34.55	-58.29	2.604	13.34	H
	5175	-54.23	-13	-41.23	-64.74	3.011	13.52	H
	6915	-54.51	-13	-41.51	-64.71	3.271	13.47	H
	3450	-45.98	-13	-32.98	-56.72	2.604	13.34	V
	5175	-54.08	-13	-41.08	-64.59	3.011	13.52	V
	6915	-54.48	-13	-41.48	-64.68	3.271	13.47	V
Highest	3510	-52.15	-13	-39.15	-62.89	2.604	13.34	H
	5250	-55.23	-13	-42.23	-65.74	3.011	13.52	H
	7005	-54.30	-13	-41.30	-64.50	3.271	13.47	H
	3510	-51.37	-13	-38.37	-62.11	2.604	13.34	V
	5250	-54.87	-13	-41.87	-65.38	3.011	13.52	V
	7005	-54.20	-13	-41.20	-64.40	3.271	13.47	V

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

SA n71 / NR 20MHz / QPSK / ANT0(NR)								
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	1328	-69.23	-13	-56.23	-70.98	1.02	4.92	H
	1992	-64.13	-13	-51.13	-66.10	1.27	5.39	H
	2656	-61.98	-13	-48.98	-64.91	1.49	6.57	H
	1328	-68.68	-13	-55.68	-70.43	1.02	4.92	V
	1992	-63.43	-13	-50.43	-65.40	1.27	5.39	V
	2656	-61.40	-13	-48.40	-64.33	1.49	6.57	V
Middle	1344	-69.55	-13	-56.55	-71.30	1.02	4.92	H
	2016	-64.36	-13	-51.36	-66.33	1.27	5.39	H
	2688	-61.90	-13	-48.90	-64.83	1.49	6.57	H
	1344	-69.45	-13	-56.45	-71.20	1.02	4.92	V
	2016	-64.39	-13	-51.39	-66.36	1.27	5.39	V
	2688	-61.96	-13	-48.96	-64.89	1.49	6.57	V
Highest	1360	-69.43	-13	-56.43	-71.18	1.02	4.92	H
	2040	-64.20	-13	-51.20	-66.17	1.27	5.39	H
	2712	-61.66	-13	-48.66	-64.59	1.49	6.57	H
	1360	-68.93	-13	-55.93	-70.68	1.02	4.92	V
	2040	-63.22	-13	-50.22	-65.19	1.27	5.39	V
	2712	-61.24	-13	-48.24	-64.17	1.49	6.57	V

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



EN-DC_2A_n71A / LTE 20MHz + NR 20MHz / QPSK / ANT1(LTE) & ANT0(NR)								
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	1328	-67.86	-13	-54.86	-69.61	1.02	4.92	H
	1992	-62.61	-13	-49.61	-64.58	1.27	5.39	H
	2656	-60.52	-13	-47.52	-63.45	1.49	6.57	H
	1328	-67.33	-13	-54.33	-69.08	1.02	4.92	V
	1992	-61.61	-13	-48.61	-63.58	1.27	5.39	V
	2656	-59.77	-13	-46.77	-62.70	1.49	6.57	V
Middle	1344	-67.78	-13	-54.78	-69.53	1.02	4.92	H
	2016	-61.35	-13	-48.35	-63.32	1.27	5.39	H
	2688	-60.43	-13	-47.43	-63.36	1.49	6.57	H
	1344	-66.93	-13	-53.93	-68.68	1.02	4.92	V
	2016	-61.44	-13	-48.44	-63.41	1.27	5.39	V
	2688	-59.72	-13	-46.72	-62.65	1.49	6.57	V
Highest	1360	-67.86	-13	-54.86	-69.61	1.02	4.92	H
	2040	-62.09	-13	-49.09	-64.06	1.27	5.39	H
	2712	-60.29	-13	-47.29	-63.22	1.49	6.57	H
	1360	-66.84	-13	-53.84	-68.59	1.02	4.92	V
	2040	-61.44	-13	-48.44	-63.41	1.27	5.39	V
	2712	-59.53	-13	-46.53	-62.46	1.49	6.57	V

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

Sample 1 with Battery 2 :

EN-DC_7A_n2A / LTE 20MHz + NR 20MHz / QPSK / ANT2(LTE) & ANT1(NR)								
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	-57.25	-13	-44.25	-69.51	2.64	14.90	H
	5550	-55.68	-13	-42.68	-67.54	2.94	14.80	H
	7410	-52.97	-13	-39.97	-62.74	3.39	13.16	H
	3705	-57.66	-13	-44.66	-69.92	2.64	14.90	V
	5550	-55.76	-13	-42.76	-67.62	2.94	14.80	V
	7410	-52.92	-13	-39.92	-62.69	3.39	13.16	V
Middle	3735	-57.63	-13	-44.63	-69.89	2.64	14.90	H
	5610	-55.81	-13	-42.81	-67.67	2.94	14.80	H
	7485	-52.54	-13	-39.54	-62.31	3.39	13.16	H
	3735	-57.45	-13	-44.45	-69.71	2.64	14.90	V
	5610	-55.90	-13	-42.90	-67.76	2.94	14.80	V
	7485	-52.56	-13	-39.56	-62.33	3.39	13.16	V
Highest	3780	-57.78	-13	-44.78	-70.04	2.64	14.90	H
	5670	-55.79	-13	-42.79	-67.65	2.94	14.80	H
	7560	-52.88	-13	-39.88	-62.65	3.39	13.16	H
	3780	-57.37	-13	-44.37	-69.63	2.64	14.90	V
	5670	-56.10	-13	-43.10	-67.96	2.94	14.80	V
	7560	-52.45	-13	-39.45	-62.22	3.39	13.16	V

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



Sample 1 with Battery 3 :

EN-DC_7A_n2A / LTE 20MHz + NR 20MHz / QPSK / ANT2(LTE) & ANT1(NR)								
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	-57.46	-13	-44.46	-69.72	2.64	14.90	H
	5550	-55.40	-13	-42.40	-67.26	2.94	14.80	H
	7410	-52.89	-13	-39.89	-62.66	3.39	13.16	H
	3705	-56.94	-13	-43.94	-69.20	2.64	14.90	V
	5550	-55.78	-13	-42.78	-67.64	2.94	14.80	V
	7410	-52.78	-13	-39.78	-62.55	3.39	13.16	V
Middle	3735	-57.62	-13	-44.62	-69.88	2.64	14.90	H
	5610	-55.58	-13	-42.58	-67.44	2.94	14.80	H
	7485	-52.78	-13	-39.78	-62.55	3.39	13.16	H
	3735	-57.41	-13	-44.41	-69.67	2.64	14.90	V
	5610	-55.89	-13	-42.89	-67.75	2.94	14.80	V
	7485	-52.85	-13	-39.85	-62.62	3.39	13.16	V
Highest	3780	-57.93	-13	-44.93	-70.19	2.64	14.90	H
	5670	-55.73	-13	-42.73	-67.59	2.94	14.80	H
	7560	-52.45	-13	-39.45	-62.22	3.39	13.16	H
	3780	-57.61	-13	-44.61	-69.87	2.64	14.90	V
	5670	-56.17	-13	-43.17	-68.03	2.94	14.80	V
	7560	-52.41	-13	-39.41	-62.18	3.39	13.16	V

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

Sample 2 :

EN-DC_7A_n2A / LTE 20MHz + NR 20MHz / QPSK / ANT2(LTE) & ANT1(NR)								
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	-46.75	-13	-33.75	-59.01	2.64	14.90	H
	5550	-55.95	-13	-42.95	-67.81	2.94	14.80	H
	7410	-52.33	-13	-39.33	-62.10	3.39	13.16	H
	3705	-46.11	-13	-33.11	-58.37	2.64	14.90	V
	5550	-55.22	-13	-42.22	-67.08	2.94	14.80	V
	7410	-52.65	-13	-39.65	-62.42	3.39	13.16	V
Middle	3735	-47.64	-13	-34.64	-59.90	2.64	14.90	H
	5610	-55.15	-13	-42.15	-67.01	2.94	14.80	H
	7485	-52.99	-13	-39.99	-62.76	3.39	13.16	H
	3735	-47.83	-13	-34.83	-60.09	2.64	14.90	V
	5610	-55.24	-13	-42.24	-67.10	2.94	14.80	V
	7485	-52.38	-13	-39.38	-62.15	3.39	13.16	V
Highest	3780	-52.83	-13	-39.83	-65.09	2.64	14.90	H
	5670	-55.92	-13	-42.92	-67.78	2.94	14.80	H
	7560	-52.54	-13	-39.54	-62.31	3.39	13.16	H
	3780	-52.29	-13	-39.29	-64.55	2.64	14.90	V
	5670	-56.74	-13	-43.74	-68.60	2.94	14.80	V
	7560	-52.67	-13	-39.67	-62.44	3.39	13.16	V

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