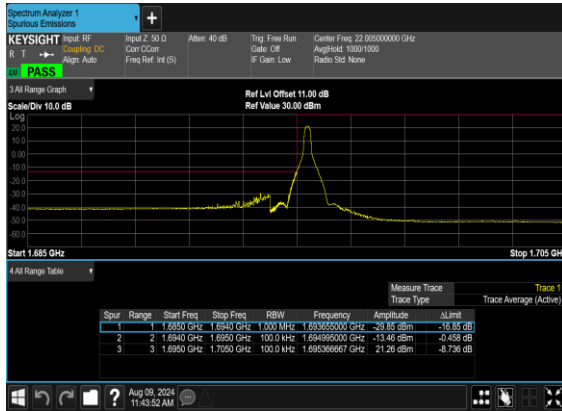
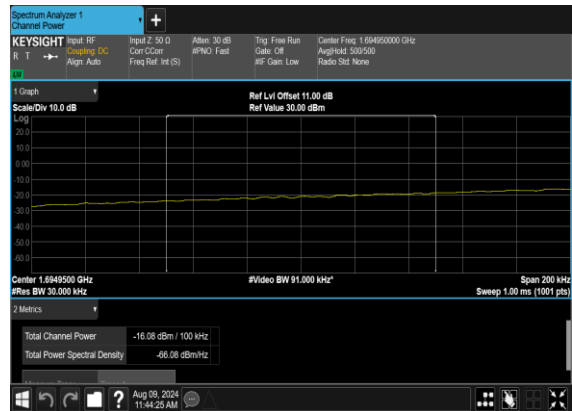




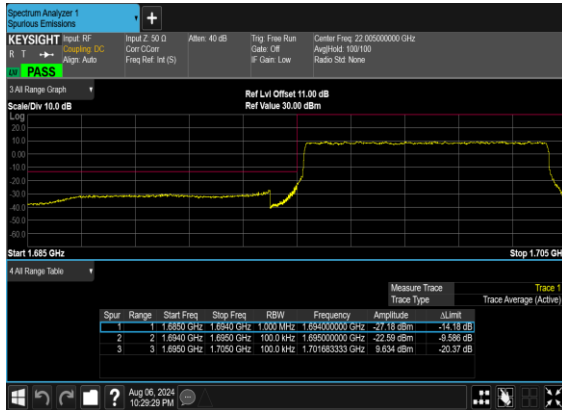
N70(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



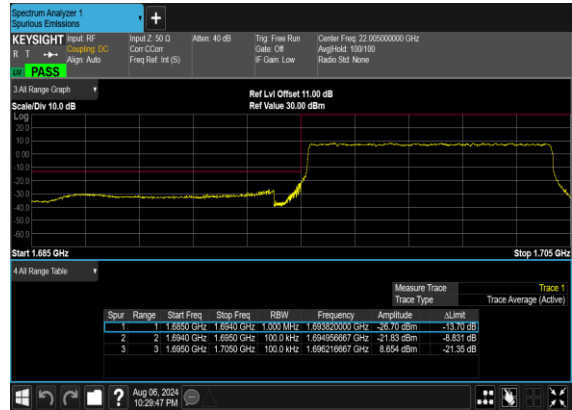
N70(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH_CHP_PASS



N70(10M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH

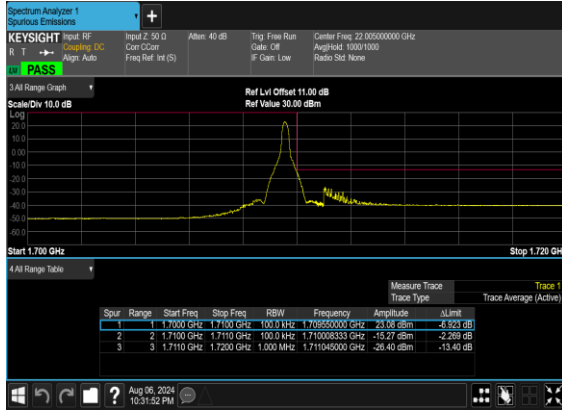


N70(10M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH

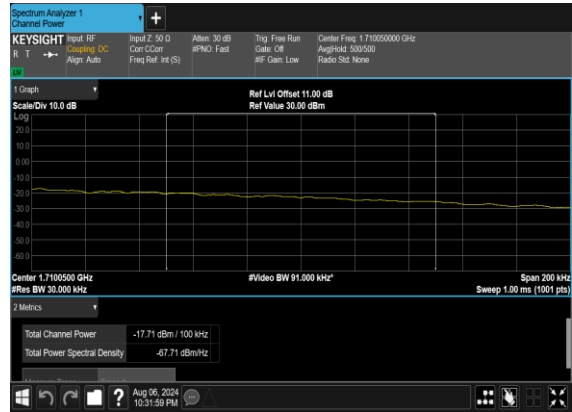




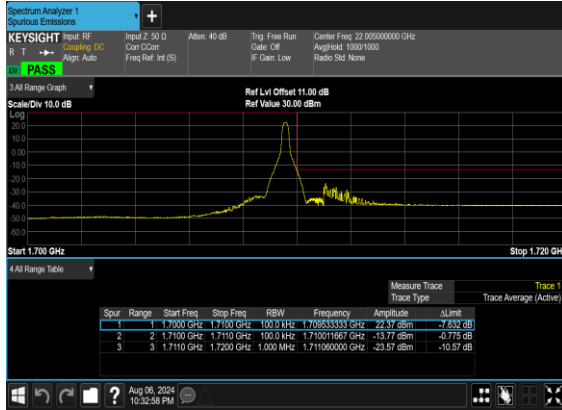
N70(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH



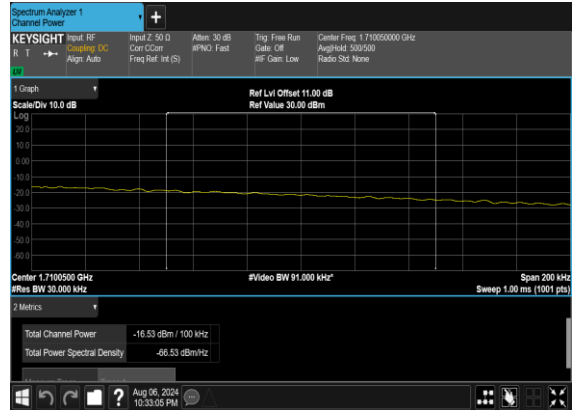
N70(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH_ch P_PASS



N70(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH



N70(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH_ch P_PASS





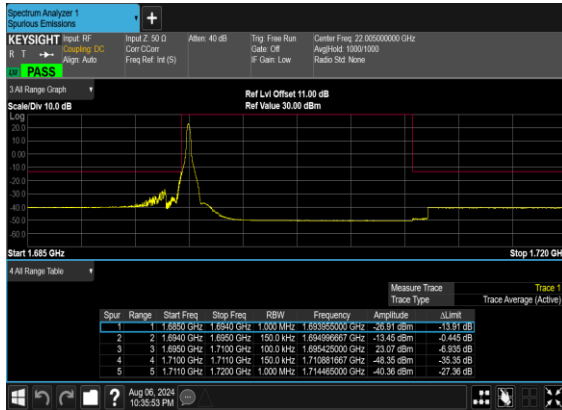
N70(10M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH



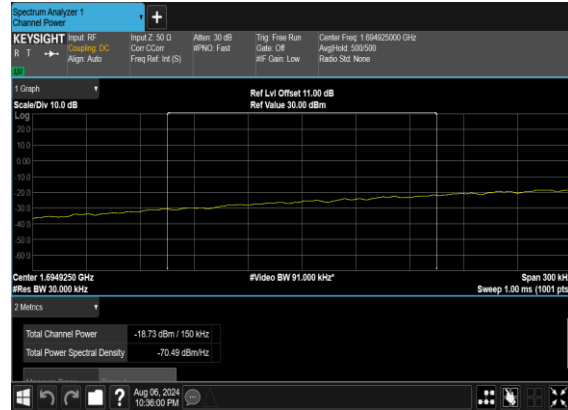
N70(10M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH



N70(15M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH

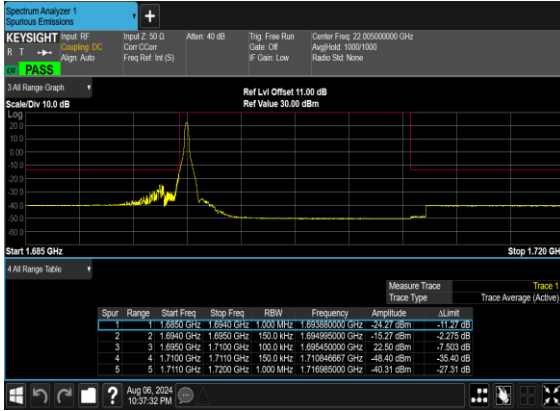


N70(15M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH_CHP_P ASS

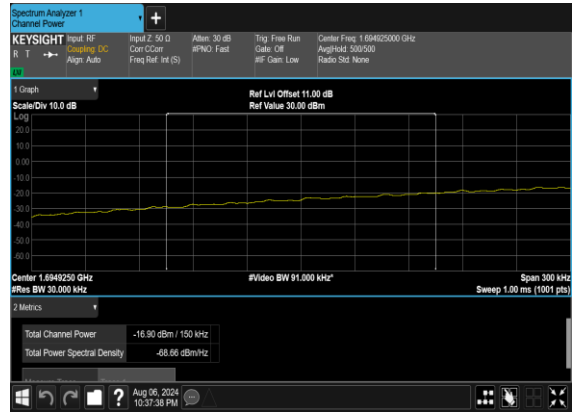




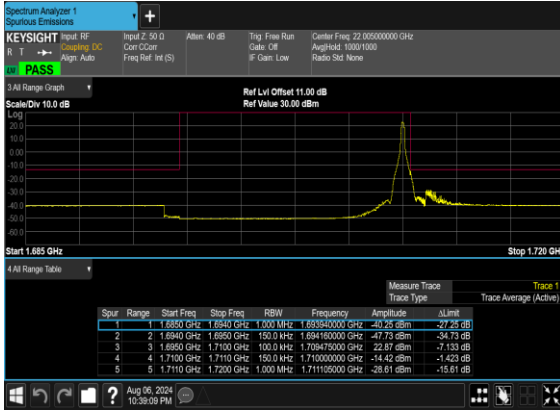
N70(15M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



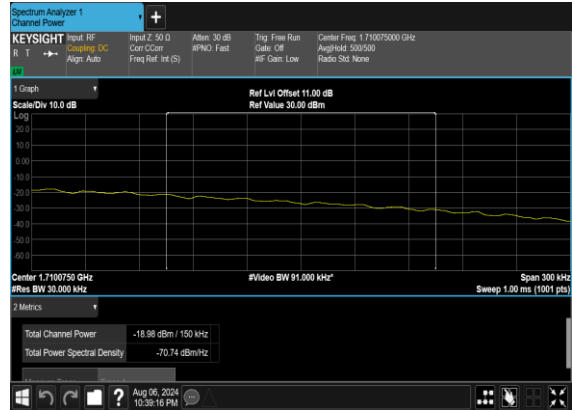
N70(15M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH_CHP_P ASS



N70(15M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_Mid_CH

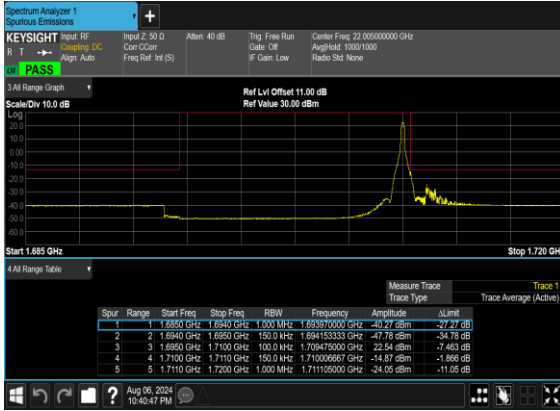


N70(15M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_Mid_CH_CHP_P PASS

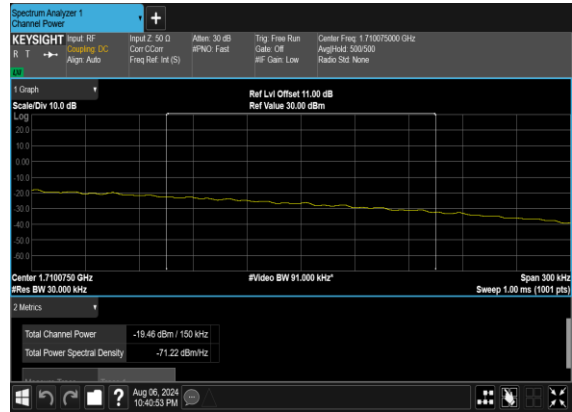




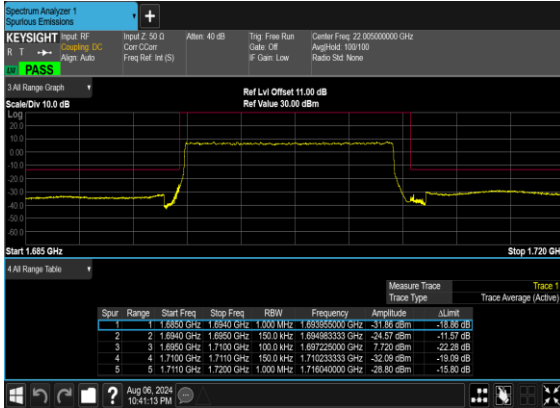
N70(15M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_Mid_CH



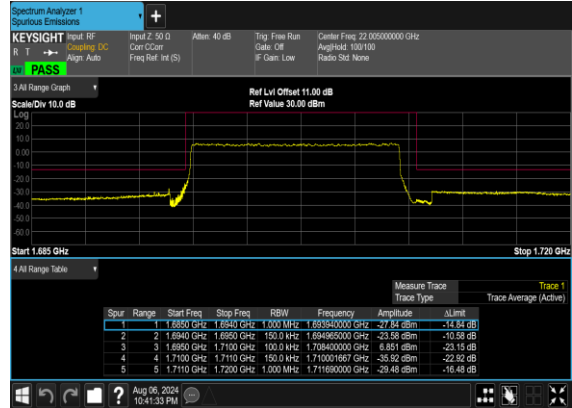
N70(15M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_Mid_CH_chp_PASS



N70(15M)_DFT-s-OFDM_BPSK_Outer_Full_Mid_CH



N70(15M)_DFT-s-OFDM_QPSK_Outer_Full_Mid_CH





FR1 N71

Transmitter Conducted Output Power And ERP, (G_T - L_C)=1.61dB

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	23.83	0.2415
71	15	5	133100	665.5	DFT-s-OFDM 16 QAM	1@1	23.48	22.94	0.1968
71	15	5	136100	680.5	DFT-s-OFDM QPSK	1@1	24.46	23.92	0.2466
71	15	5	136100	680.5	DFT-s-OFDM 16 QAM	1@1	23.57	23.03	0.2009
71	15	5	139100	695.5	DFT-s-OFDM QPSK	1@1	24.51	23.97	0.2495
71	15	5	139100	695.5	DFT-s-OFDM 16 QAM	1@1	23.66	23.12	0.2051
71	15	10	133600	668	DFT-s-OFDM QPSK	1@1	24.34	23.8	0.2399
71	15	10	133600	668	DFT-s-OFDM 16 QAM	1@1	23.44	22.9	0.1950
71	15	10	136100	680.5	DFT-s-OFDM QPSK	1@1	24.45	23.91	0.2460
71	15	10	136100	680.5	DFT-s-OFDM 16 QAM	1@1	23.54	23	0.1995
71	15	10	138600	693	DFT-s-OFDM QPSK	1@1	24.46	23.92	0.2466
71	15	10	138600	693	DFT-s-OFDM 16 QAM	1@1	23.57	23.03	0.2009
71	15	15	134100	670.5	DFT-s-OFDM QPSK	1@1	24.32	23.78	0.2388
71	15	15	134100	670.5	DFT-s-OFDM 16 QAM	1@1	23.41	22.87	0.1936
71	15	15	136100	680.5	DFT-s-OFDM QPSK	1@1	24.37	23.83	0.2415
71	15	15	136100	680.5	DFT-s-OFDM 16 QAM	1@1	23.49	22.95	0.1972
71	15	15	138100	690.5	DFT-s-OFDM QPSK	1@1	24.51	23.97	0.2495
71	15	15	138100	690.5	DFT-s-OFDM 16 QAM	1@1	23.65	23.11	0.2046



71	15	20	134600	673	DFT-s-OFDM PI/2 BPSK	50@25	25.1	24.56	0.2858
71	15	20	134600	673	DFT-s-OFDM PI/2 BPSK	1@1	24.81	24.27	0.2673
71	15	20	134600	673	DFT-s-OFDM PI/2 BPSK	1@104	24.94	24.4	0.2754
71	15	20	134600	673	DFT-s-OFDM QPSK	50@25	24.39	23.85	0.2427
71	15	20	134600	673	DFT-s-OFDM QPSK	1@1	24.32	23.78	0.2388
71	15	20	134600	673	DFT-s-OFDM QPSK	1@104	24.58	24.04	0.2535
71	15	20	134600	673	DFT-s-OFDM 16 QAM	50@25	23.29	22.75	0.1884
71	15	20	134600	673	DFT-s-OFDM 16 QAM	1@1	23.41	22.87	0.1936
71	15	20	134600	673	DFT-s-OFDM 16 QAM	1@104	23.54	23	0.1995
71	15	20	134600	673	DFT-s-OFDM 64 QAM	50@25	21.93	21.39	0.1377
71	15	20	134600	673	DFT-s-OFDM 64 QAM	1@1	21.89	21.35	0.1365
71	15	20	134600	673	DFT-s-OFDM 64 QAM	1@104	22.06	21.52	0.1419
71	15	20	134600	673	DFT-s-OFDM 256 QAM	50@25	19.47	18.93	0.0782
71	15	20	134600	673	DFT-s-OFDM 256 QAM	1@1	19.22	18.68	0.0738
71	15	20	134600	673	DFT-s-OFDM 256 QAM	1@104	19.2	18.66	0.0735
71	15	20	134600	673	CP-OFDM QPSK	53@26	22.81	22.27	0.1687
71	15	20	134600	673	CP-OFDM QPSK	1@1	22.96	22.42	0.1746
71	15	20	134600	673	CP-OFDM QPSK	1@104	23.17	22.63	0.1832
71	15	20	136100	680.5	DFT-s-OFDM PI/2 BPSK	50@25	25.09	24.55	0.2851
71	15	20	136100	680.5	DFT-s-OFDM PI/2 BPSK	1@1	24.81	24.27	0.2673
71	15	20	136100	680.5	DFT-s-OFDM PI/2 BPSK	1@104	25.02	24.48	0.2805
71	15	20	136100	680.5	DFT-s-OFDM QPSK	50@25	24.52	23.98	0.2500
71	15	20	136100	680.5	DFT-s-OFDM QPSK	1@1	24.45	23.91	0.2460



71	15	20	136100	680.5	DFT-s-OFDM QPSK	1@104	24.64	24.1	0.2570
71	15	20	136100	680.5	DFT-s-OFDM 16 QAM	50@25	23.49	22.95	0.1972
71	15	20	136100	680.5	DFT-s-OFDM 16 QAM	1@1	23.49	22.95	0.1972
71	15	20	136100	680.5	DFT-s-OFDM 16 QAM	1@104	23.47	22.93	0.1963
71	15	20	136100	680.5	DFT-s-OFDM 64 QAM	50@25	21.97	21.43	0.1390
71	15	20	136100	680.5	DFT-s-OFDM 64 QAM	1@1	22.02	21.48	0.1406
71	15	20	136100	680.5	DFT-s-OFDM 64 QAM	1@104	22.09	21.55	0.1429
71	15	20	136100	680.5	DFT-s-OFDM 256 QAM	50@25	19.41	18.87	0.0771
71	15	20	136100	680.5	DFT-s-OFDM 256 QAM	1@1	19.16	18.62	0.0728
71	15	20	136100	680.5	DFT-s-OFDM 256 QAM	1@104	19.13	18.59	0.0723
71	15	20	136100	680.5	CP-OFDM QPSK	53@26	22.95	22.41	0.1742
71	15	20	136100	680.5	CP-OFDM QPSK	1@1	23.02	22.48	0.1770
71	15	20	136100	680.5	CP-OFDM QPSK	1@104	22.74	22.2	0.1660
71	15	20	137600	688	DFT-s-OFDM PI/2 BPSK	50@25	25.12	24.58	0.2871
71	15	20	137600	688	DFT-s-OFDM PI/2 BPSK	1@1	25.02	24.48	0.2805
71	15	20	137600	688	DFT-s-OFDM PI/2 BPSK	1@104	25.05	24.51	0.2825
71	15	20	137600	688	DFT-s-OFDM QPSK	50@25	24.49	23.95	0.2483
71	15	20	137600	688	DFT-s-OFDM QPSK	1@1	24.55	24.01	0.2518
71	15	20	137600	688	DFT-s-OFDM QPSK	1@104	24.54	24	0.2512
71	15	20	137600	688	DFT-s-OFDM 16 QAM	50@25	23.4	22.86	0.1932
71	15	20	137600	688	DFT-s-OFDM 16 QAM	1@1	23.49	22.95	0.1972
71	15	20	137600	688	DFT-s-OFDM 16 QAM	1@104	23.7	23.16	0.2070
71	15	20	137600	688	DFT-s-OFDM 64 QAM	50@25	21.99	21.45	0.1396



71	15	20	137600	688	DFT-s-OFDM 64 QAM	1@1	22.01	21.47	0.1403
71	15	20	137600	688	DFT-s-OFDM 64 QAM	1@104	22.16	21.62	0.1452
71	15	20	137600	688	DFT-s-OFDM 256 QAM	50@25	19.46	18.92	0.0780
71	15	20	137600	688	DFT-s-OFDM 256 QAM	1@1	19.24	18.7	0.0741
71	15	20	137600	688	DFT-s-OFDM 256 QAM	1@104	19.26	18.72	0.0745
71	15	20	137600	688	CP-OFDM QPSK	53@26	22.97	22.43	0.1750
71	15	20	137600	688	CP-OFDM QPSK	1@1	23.07	22.53	0.1791
71	15	20	137600	688	CP-OFDM QPSK	1@104	22.98	22.44	0.1754



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	0.0057	PASS	NV
71	15	20	136100	680.5	DFT-s-OFDM QPSK	100@0	0.0056	PASS	LV
71	15	20	136100	680.5	DFT-s-OFDM QPSK	100@0	0.0043	PASS	HV
71	15	20	136100	680.5	DFT-s-OFDM QPSK	100@0	0.0035	PASS	-30°C
71	15	20	136100	680.5	DFT-s-OFDM QPSK	100@0	0.0060	PASS	-20°C
71	15	20	136100	680.5	DFT-s-OFDM QPSK	100@0	0.0058	PASS	-10°C
71	15	20	136100	680.5	DFT-s-OFDM QPSK	100@0	0.0036	PASS	0°C
71	15	20	136100	680.5	DFT-s-OFDM QPSK	100@0	0.0034	PASS	10°C
71	15	20	136100	680.5	DFT-s-OFDM QPSK	100@0	0.0057	PASS	20°C
71	15	20	136100	680.5	DFT-s-OFDM QPSK	100@0	0.0059	PASS	30°C
71	15	20	136100	680.5	DFT-s-OFDM QPSK	100@0	0.0025	PASS	40°C
71	15	20	136100	680.5	DFT-s-OFDM QPSK	100@0	0.0041	PASS	50°C



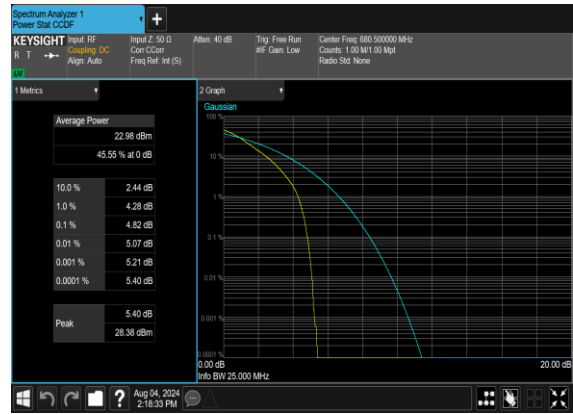
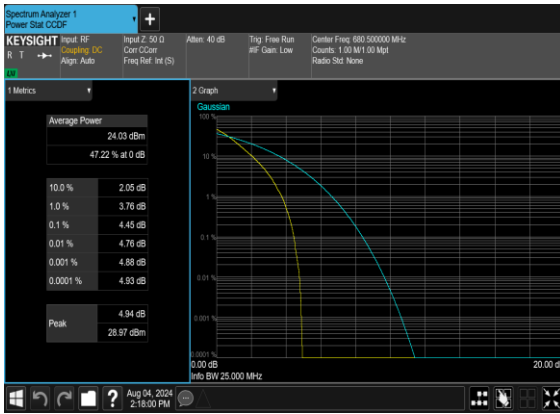
Peak to Average Ratio

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	4.45	13	PASS
71	15	20	136100	680.5	DFT-s-OFDM QPSK	100@0	4.82	13	PASS



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

N71(20M)_DFT-s-
OFDM_QPSK_Outer_Full_Mid_CH



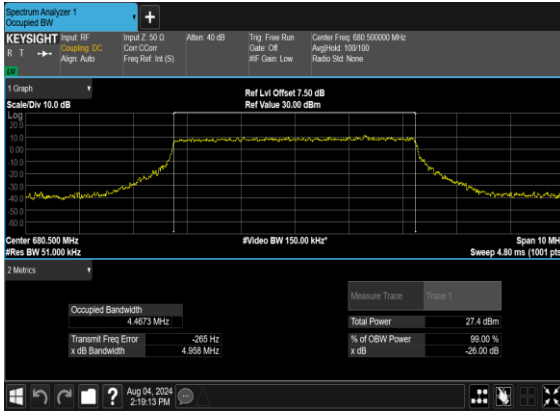


Occupied Bandwidth

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	OBW (MHz)	26dB BW (MHz)
71	15	5	136100	680.5	CP-OFDM QPSK	25@0	4.4673	4.958
71	15	5	136100	680.5	CP-OFDM 16 QAM	25@0	4.4791	5.082
71	15	5	136100	680.5	CP-OFDM 64 QAM	25@0	4.4689	5.07
71	15	5	136100	680.5	CP-OFDM 256 QAM	25@0	4.4824	5.124
71	15	10	136100	680.5	CP-OFDM QPSK	52@0	9.2978	10.02
71	15	10	136100	680.5	CP-OFDM 16 QAM	52@0	9.3011	10.04
71	15	10	136100	680.5	CP-OFDM 64 QAM	52@0	9.2806	10.01
71	15	10	136100	680.5	CP-OFDM 256 QAM	52@0	9.2961	10.03
71	15	15	136100	680.5	CP-OFDM QPSK	79@0	14.134	14.89
71	15	15	136100	680.5	CP-OFDM 16 QAM	79@0	14.147	14.99
71	15	15	136100	680.5	CP-OFDM 64 QAM	79@0	14.158	14.87
71	15	15	136100	680.5	CP-OFDM 256 QAM	79@0	14.101	14.88
71	15	20	136100	680.5	CP-OFDM QPSK	106@0	18.968	19.92
71	15	20	136100	680.5	CP-OFDM 16 QAM	106@0	18.973	19.78
71	15	20	136100	680.5	CP-OFDM 64 QAM	106@0	18.917	19.77
71	15	20	136100	680.5	CP-OFDM 256 QAM	106@0	18.995	19.83



N71(5M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



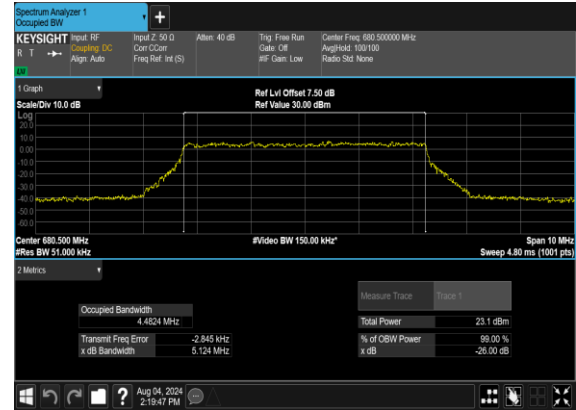
N71(5M)_CP-OFDM_16QAM_Outer_Full_Mid_CH



N71(5M)_CP-OFDM_64QAM_Outer_Full_Mid_CH

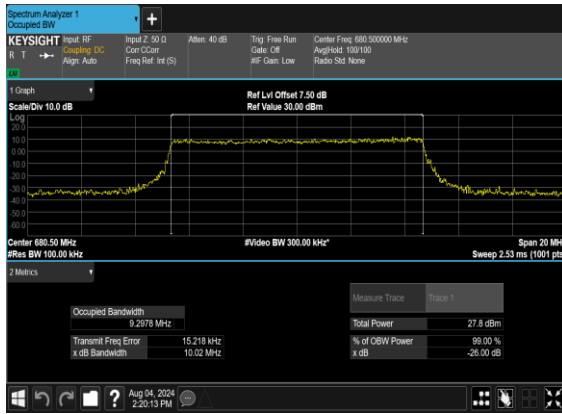


N71(5M)_CP-OFDM_256QAM_Outer_Full_Mid_CH

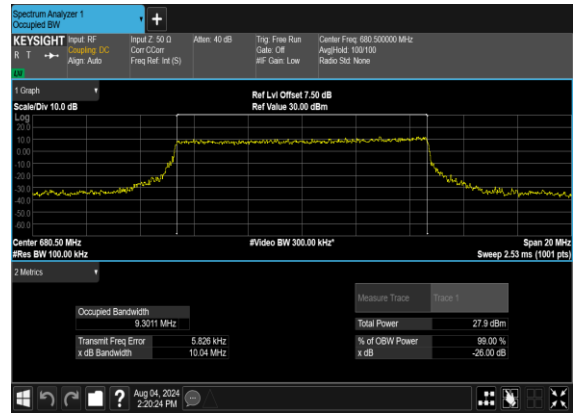




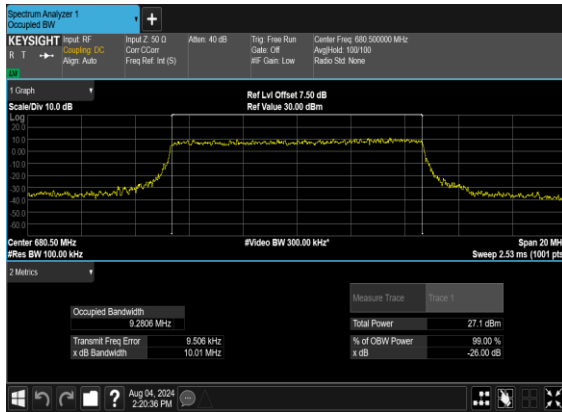
N71(10M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



N71(10M)_CP-OFDM_16QAM_Outer_Full_Mid_CH



N71(10M)_CP-OFDM_64QAM_Outer_Full_Mid_CH

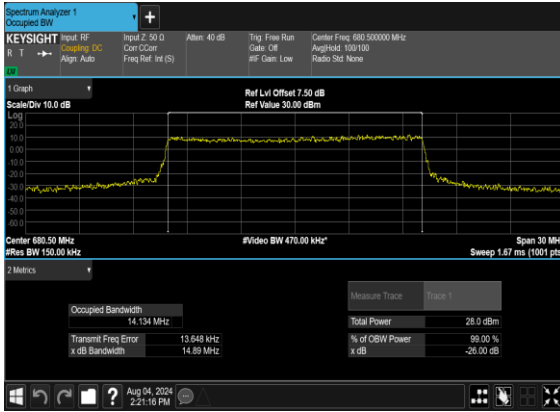


N71(10M)_CP-OFDM_256QAM_Outer_Full_Mid_CH





N71(15M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



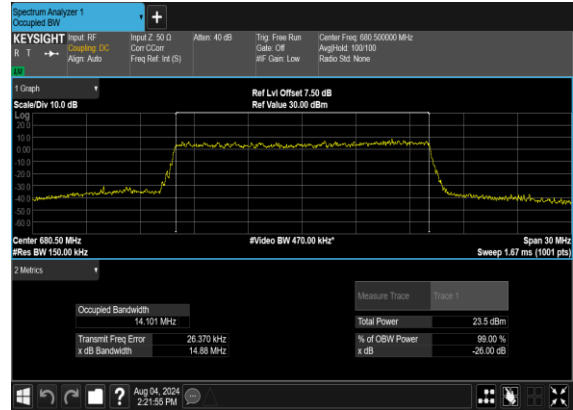
N71(15M)_CP-OFDM_16QAM_Outer_Full_Mid_CH



N71(15M)_CP-OFDM_64QAM_Outer_Full_Mid_CH



N71(15M)_CP-OFDM_256QAM_Outer_Full_Mid_CH

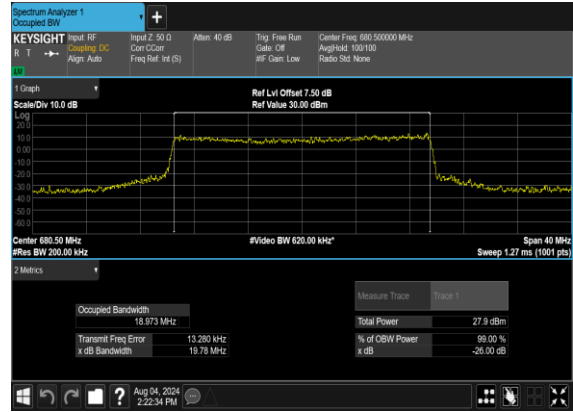




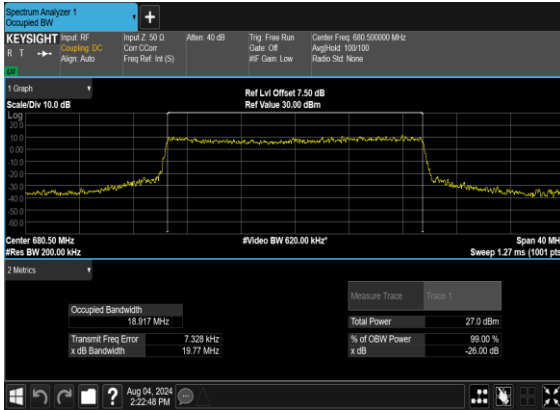
N71(20M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



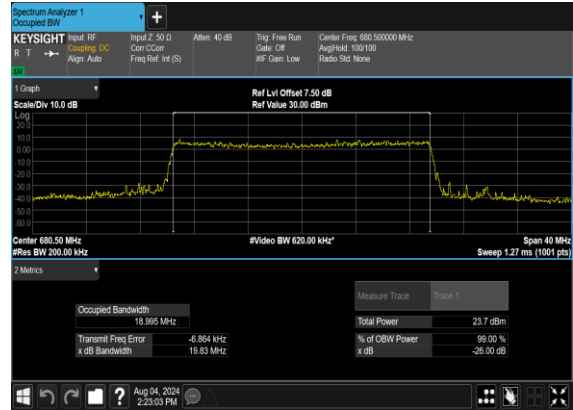
N71(20M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



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



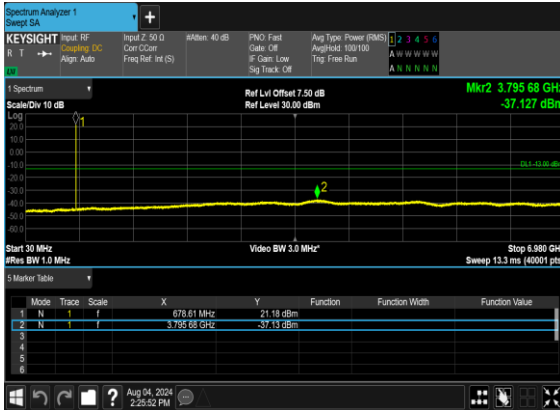
N71(5M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



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



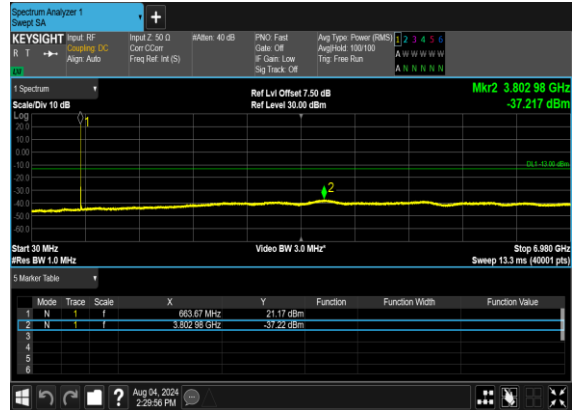
N71(5M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH



N71(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



N71(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH

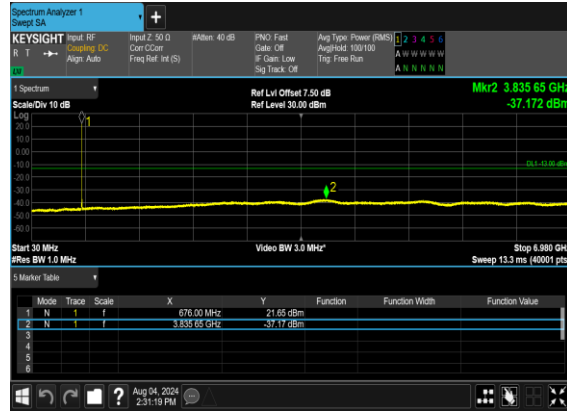




N71(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



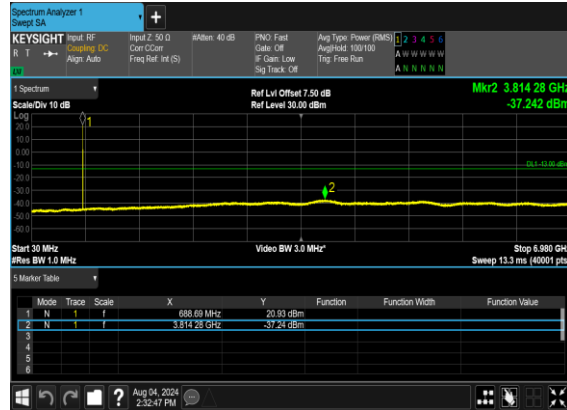
N71(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



N71(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



N71(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH





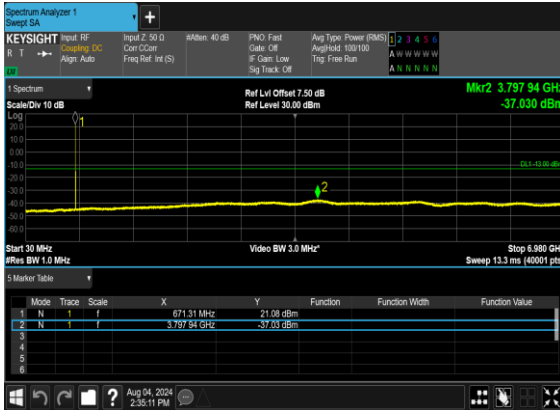
N71(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



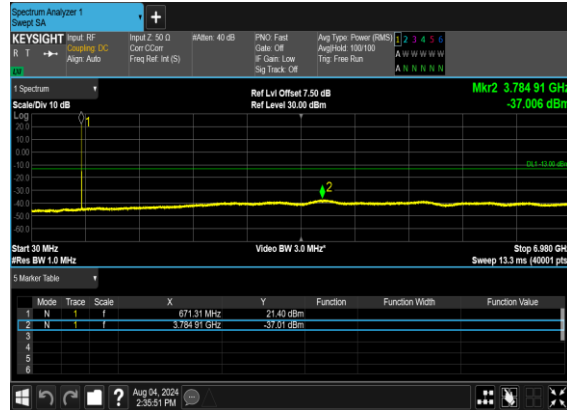
N71(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



N71(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH

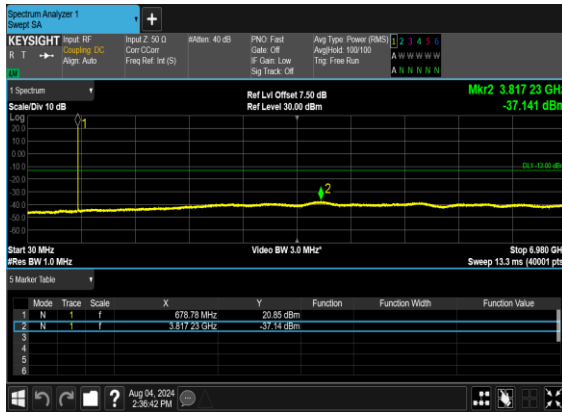


N71(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH

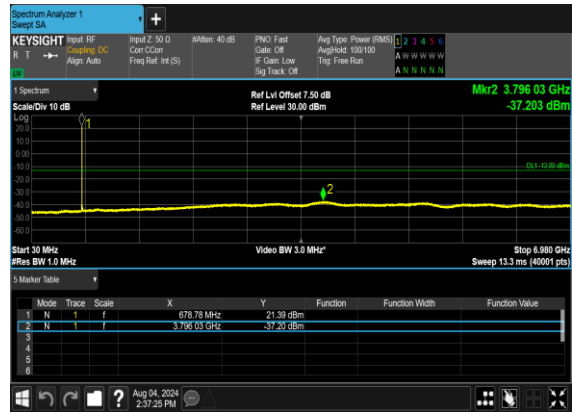




N71(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



N71(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH





Conducted Band Edge

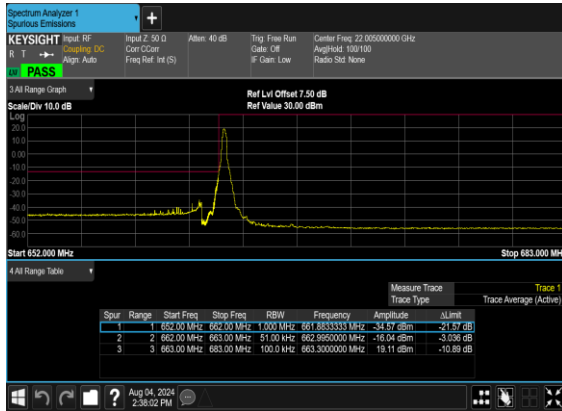
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
71	15	5	133100	665.5	DFT-s-OFDM BPSK	1@0	see graph	PASS
71	15	5	133100	665.5	DFT-s-OFDM QPSK	1@0	see graph	PASS
71	15	5	133100	665.5	DFT-s-OFDM BPSK	25@0	see graph	PASS
71	15	5	133100	665.5	DFT-s-OFDM QPSK	25@0	see graph	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



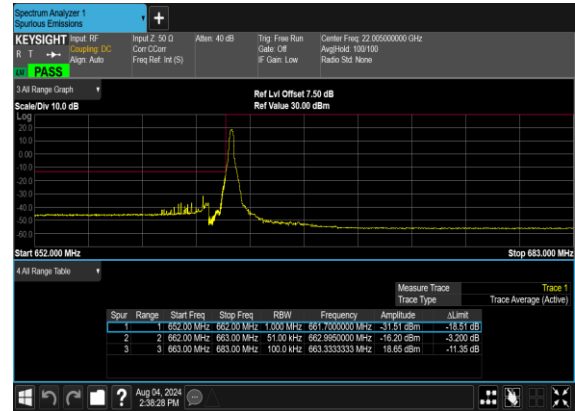
71	15	20	137600	688.0	DFT-s-OFDM BPSK	1@105	see graph	PASS
71	15	20	137600	688.0	DFT-s-OFDM QPSK	1@105	see graph	PASS
71	15	20	137600	688.0	DFT-s-OFDM BPSK	100@0	see graph	PASS
71	15	20	137600	688.0	DFT-s-OFDM QPSK	100@0	see graph	PASS



N71(5M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



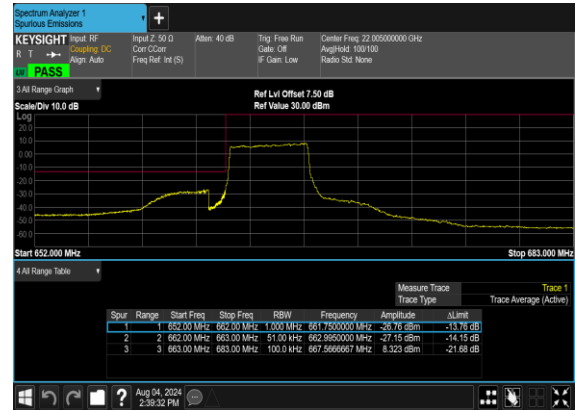
N71(5M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



N71(5M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH



N71(5M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH

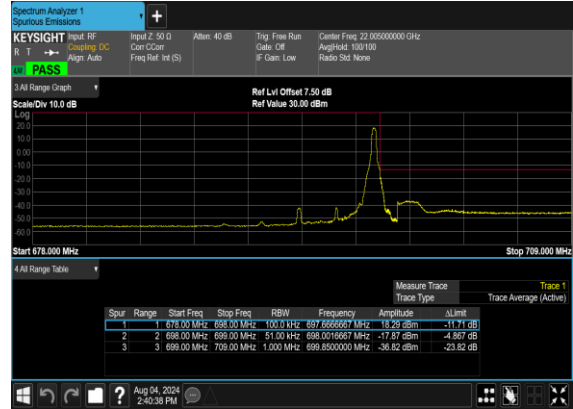




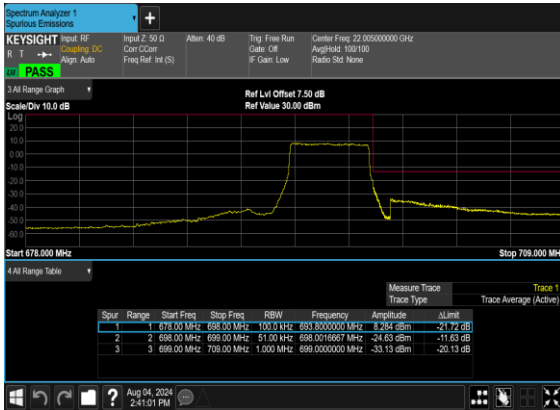
N71(5M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH



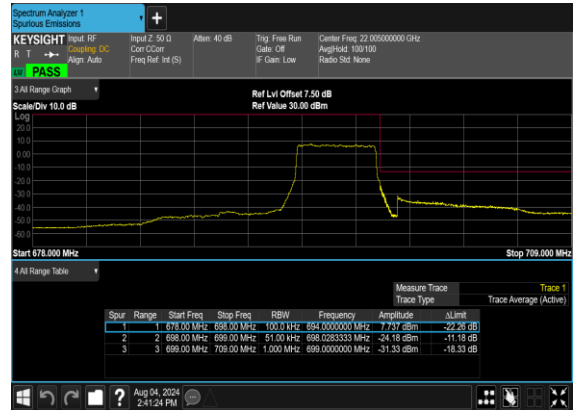
N71(5M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH



N71(5M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH

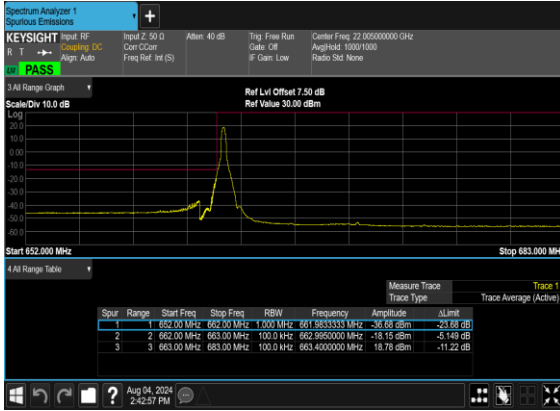


N71(5M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH

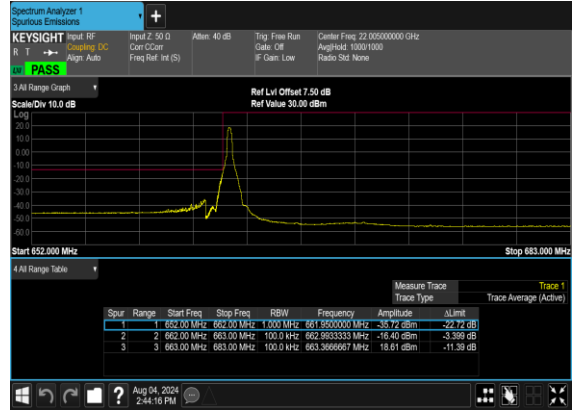




N71(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



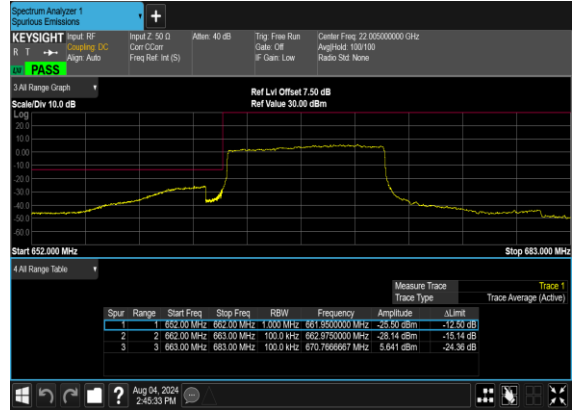
N71(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



N71(10M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH



N71(10M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH

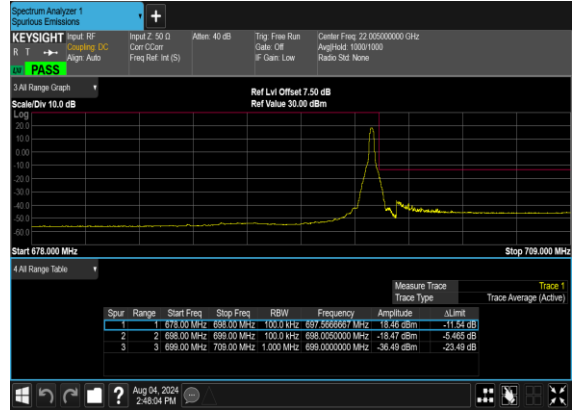




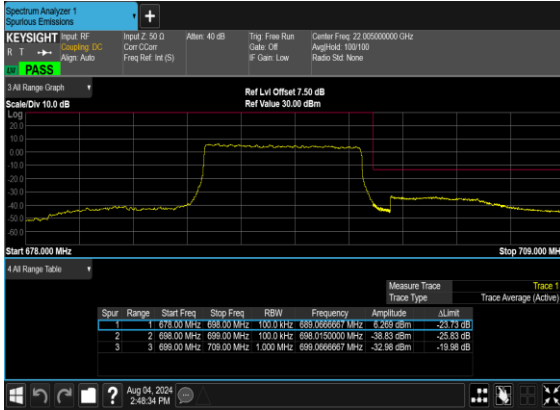
N71(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH



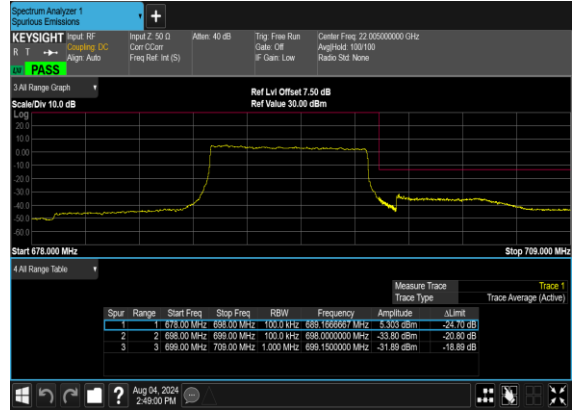
N71(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH



N71(10M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH

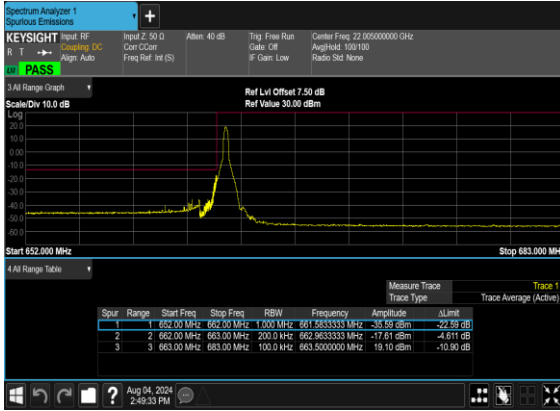


N71(10M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH

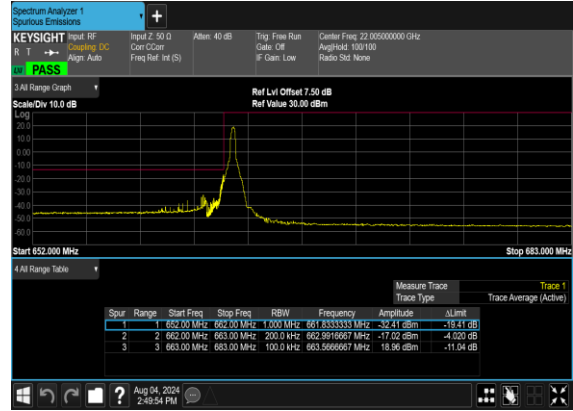




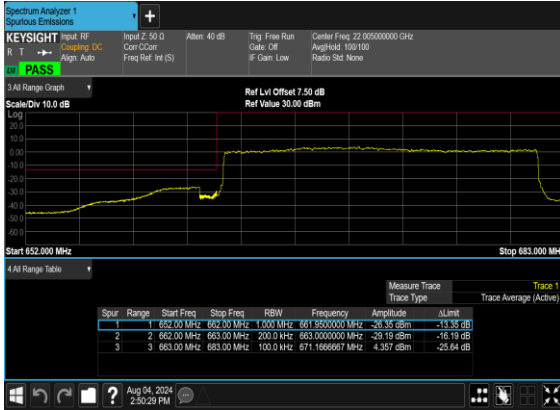
N71(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



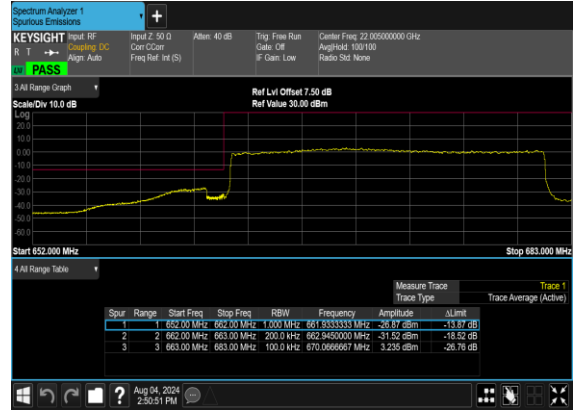
N71(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



N71(20M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH

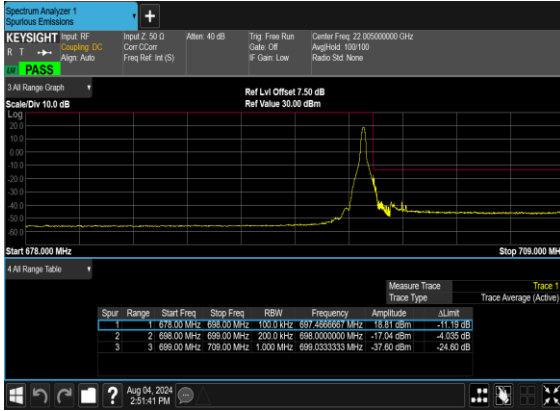


N71(20M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH

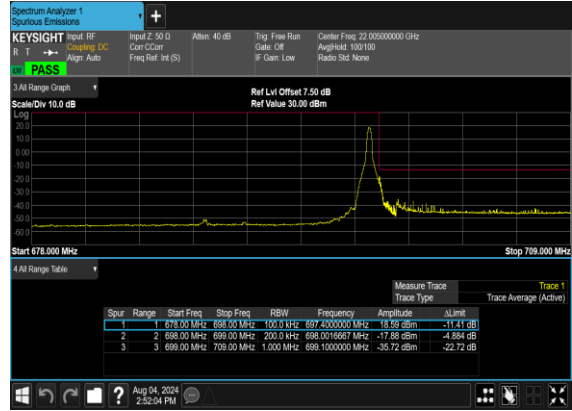




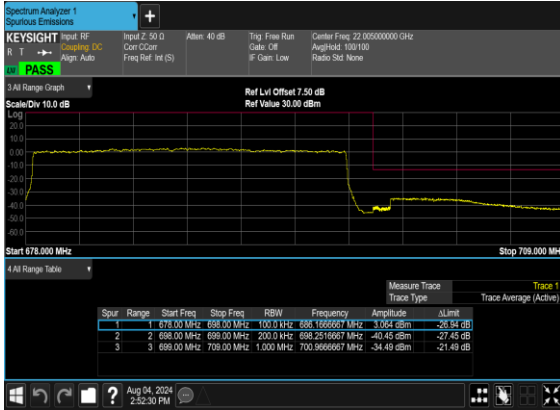
N71(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH



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





Software Version: 23.06.1602

FR1 N71 TXD-ANT(1+8)

Transmitter Conducted Output Power And ERP, (G_T - L_C)=4.62dB

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	ANT1 Power(dBm)	ANT8 Power(dBm)	Conducted Power(dBm)	ERP (dBm)	ERP (W)
71	15	5	133100	665.5	DFT-s-OFDM QPSK	1@1	24.11	23.28	26.73	29.20	0.8318
71	15	5	133100	665.5	DFT-s-OFDM 16 QAM	1@1	23.31	22.45	25.91	28.38	0.6887
71	15	5	136100	680.5	DFT-s-OFDM QPSK	1@1	24.09	23.58	26.85	29.32	0.8551
71	15	5	136100	680.5	DFT-s-OFDM 16 QAM	1@1	23.20	22.69	25.96	28.43	0.6966
71	15	5	139100	695.5	DFT-s-OFDM QPSK	1@1	24.18	23.63	26.93	29.40	0.8710
71	15	5	139100	695.5	DFT-s-OFDM 16 QAM	1@1	23.31	22.89	26.11	28.58	0.7211
71	15	10	133600	668	DFT-s-OFDM QPSK	1@1	24.26	23.25	26.79	29.26	0.8433
71	15	10	133600	668	DFT-s-OFDM 16 QAM	1@1	23.25	22.30	25.81	28.28	0.6730
71	15	10	136100	680.5	DFT-s-OFDM QPSK	1@1	24.19	23.60	26.91	29.38	0.8670
71	15	10	136100	680.5	DFT-s-OFDM 16 QAM	1@1	23.18	22.69	25.95	28.42	0.6950
71	15	10	138600	693	DFT-s-OFDM QPSK	1@1	24.22	23.83	27.04	29.51	0.8933
71	15	10	138600	693	DFT-s-OFDM 16 QAM	1@1	23.25	22.73	26.01	28.48	0.7047
71	15	15	134100	670.5	DFT-s-OFDM QPSK	1@1	24.09	23.34	26.74	29.21	0.8337
71	15	15	134100	670.5	DFT-s-OFDM 16 QAM	1@1	23.40	22.49	25.98	28.45	0.6998
71	15	15	136100	680.5	DFT-s-OFDM QPSK	1@1	24.10	23.56	26.85	29.32	0.8551
71	15	15	136100	680.5	DFT-s-OFDM 16 QAM	1@1	23.29	22.87	26.09	28.56	0.7178
71	15	15	138100	690.5	DFT-s-OFDM QPSK	1@1	24.09	23.64	26.88	29.35	0.8610
71	15	15	138100	690.5	DFT-s-OFDM 16 QAM	1@1	23.31	22.87	26.11	28.58	0.7211



71	15	20	134600	673	DFT-s-OFDM PI/2 BPSK	50@25	24.71	24.49	27.61	30.08	1.0186
71	15	20	134600	673	DFT-s-OFDM PI/2 BPSK	1@1	24.69	23.24	27.03	29.50	0.8913
71	15	20	134600	673	DFT-s-OFDM PI/2 BPSK	1@104	24.65	24.23	27.46	29.93	0.9840
71	15	20	134600	673	DFT-s-OFDM QPSK	50@25	24.19	23.78	27.00	29.47	0.8851
71	15	20	134600	673	DFT-s-OFDM QPSK	1@1	24.22	23.00	26.66	29.13	0.8185
71	15	20	134600	673	DFT-s-OFDM QPSK	1@104	24.24	23.89	27.08	29.55	0.9016
71	15	20	134600	673	DFT-s-OFDM 16 QAM	50@25	23.10	22.67	25.90	28.37	0.6871
71	15	20	134600	673	DFT-s-OFDM 16 QAM	1@1	23.25	22.21	25.77	28.24	0.6668
71	15	20	134600	673	DFT-s-OFDM 16 QAM	1@104	23.38	23.00	26.21	28.68	0.7379
71	15	20	134600	673	DFT-s-OFDM 64 QAM	50@25	21.72	21.19	24.47	26.94	0.4943
71	15	20	134600	673	DFT-s-OFDM 64 QAM	1@1	21.75	20.79	24.31	26.78	0.4764
71	15	20	134600	673	DFT-s-OFDM 64 QAM	1@104	21.85	21.34	24.62	27.09	0.5117
71	15	20	134600	673	DFT-s-OFDM 256 QAM	50@25	19.32	18.68	22.03	24.50	0.2818
71	15	20	134600	673	DFT-s-OFDM 256 QAM	1@1	19.04	18.55	21.81	24.28	0.2679
71	15	20	134600	673	DFT-s-OFDM 256 QAM	1@104	19.01	18.35	21.70	24.17	0.2612
71	15	20	134600	673	CP-OFDM QPSK	53@26	22.55	22.17	25.38	27.85	0.6095
71	15	20	134600	673	CP-OFDM QPSK	1@1	22.85	21.78	25.36	27.83	0.6067
71	15	20	134600	673	CP-OFDM QPSK	1@104	22.95	22.51	25.74	28.21	0.6622
71	15	20	136100	680.5	DFT-s-OFDM PI/2 BPSK	50@25	24.63	24.24	27.45	29.92	0.9817
71	15	20	136100	680.5	DFT-s-OFDM PI/2 BPSK	1@1	24.66	24.23	27.46	29.93	0.9840
71	15	20	136100	680.5	DFT-s-OFDM PI/2 BPSK	1@104	24.75	24.30	27.54	30.01	1.0023
71	15	20	136100	680.5	DFT-s-OFDM QPSK	50@25	24.25	23.85	27.07	29.54	0.8995
71	15	20	136100	680.5	DFT-s-OFDM QPSK	1@1	24.24	23.87	27.07	29.54	0.8995



71	15	20	136100	680.5	DFT-s-OFDM QPSK	1@104	24.38	23.76	27.09	29.56	0.9036
71	15	20	136100	680.5	DFT-s-OFDM 16 QAM	50@25	23.13	22.64	25.90	28.37	0.6871
71	15	20	136100	680.5	DFT-s-OFDM 16 QAM	1@1	23.25	22.73	26.01	28.48	0.7047
71	15	20	136100	680.5	DFT-s-OFDM 16 QAM	1@104	23.38	22.81	26.11	28.58	0.7211
71	15	20	136100	680.5	DFT-s-OFDM 64 QAM	50@25	21.75	21.29	24.54	27.01	0.5023
71	15	20	136100	680.5	DFT-s-OFDM 64 QAM	1@1	21.76	21.29	24.54	27.01	0.5023
71	15	20	136100	680.5	DFT-s-OFDM 64 QAM	1@104	21.84	21.36	24.62	27.09	0.5117
71	15	20	136100	680.5	DFT-s-OFDM 256 QAM	50@25	19.25	18.69	21.99	24.46	0.2793
71	15	20	136100	680.5	DFT-s-OFDM 256 QAM	1@1	19.11	18.49	21.82	24.29	0.2685
71	15	20	136100	680.5	DFT-s-OFDM 256 QAM	1@104	18.92	18.26	21.61	24.08	0.2559
71	15	20	136100	680.5	CP-OFDM QPSK	53@26	22.74	22.29	25.53	28.00	0.6310
71	15	20	136100	680.5	CP-OFDM QPSK	1@1	22.90	22.47	25.70	28.17	0.6561
71	15	20	136100	680.5	CP-OFDM QPSK	1@104	22.82	22.41	25.63	28.10	0.6457
71	15	20	137600	688	DFT-s-OFDM PI/2 BPSK	50@25	24.63	24.31	27.48	29.95	0.9886
71	15	20	137600	688	DFT-s-OFDM PI/2 BPSK	1@1	24.88	24.35	27.63	30.10	1.0233
71	15	20	137600	688	DFT-s-OFDM PI/2 BPSK	1@104	24.74	24.22	27.50	29.97	0.9931
71	15	20	137600	688	DFT-s-OFDM QPSK	50@25	24.26	23.79	27.04	29.51	0.8933
71	15	20	137600	688	DFT-s-OFDM QPSK	1@1	24.28	23.82	27.06	29.53	0.8974
71	15	20	137600	688	DFT-s-OFDM QPSK	1@104	24.35	23.76	27.08	29.55	0.9016
71	15	20	137600	688	DFT-s-OFDM 16 QAM	50@25	23.19	22.81	26.02	28.49	0.7063
71	15	20	137600	688	DFT-s-OFDM 16 QAM	1@1	23.33	22.90	26.13	28.60	0.7244
71	15	20	137600	688	DFT-s-OFDM 16 QAM	1@104	23.38	22.84	26.13	28.60	0.7244
71	15	20	137600	688	DFT-s-OFDM 64 QAM	50@25	21.71	21.39	24.56	27.03	0.5047



71	15	20	137600	688	DFT-s-OFDM 64 QAM	1@1	21.80	21.45	24.64	27.11	0.5140
71	15	20	137600	688	DFT-s-OFDM 64 QAM	1@104	21.86	21.40	24.65	27.12	0.5152
71	15	20	137600	688	DFT-s-OFDM 256 QAM	50@25	19.33	18.70	22.04	24.51	0.2825
71	15	20	137600	688	DFT-s-OFDM 256 QAM	1@1	19.06	18.53	21.81	24.28	0.2679
71	15	20	137600	688	DFT-s-OFDM 256 QAM	1@104	18.98	18.38	21.70	24.17	0.2612
71	15	20	137600	688	CP-OFDM QPSK	53@26	22.55	22.25	25.41	27.88	0.6138
71	15	20	137600	688	CP-OFDM QPSK	1@1	22.83	22.41	25.64	28.11	0.6471
71	15	20	137600	688	CP-OFDM QPSK	1@104	22.95	22.37	25.68	28.15	0.6531



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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	0.0029	PASS	NV
71	15	20	136100	680.5	DFT-s-OFDM QPSK	100@0	0.0061	PASS	LV
71	15	20	136100	680.5	DFT-s-OFDM QPSK	100@0	0.0060	PASS	HV
71	15	20	136100	680.5	DFT-s-OFDM QPSK	100@0	0.0049	PASS	-30°C
71	15	20	136100	680.5	DFT-s-OFDM QPSK	100@0	0.0031	PASS	-20°C
71	15	20	136100	680.5	DFT-s-OFDM QPSK	100@0	0.0064	PASS	-10°C
71	15	20	136100	680.5	DFT-s-OFDM QPSK	100@0	0.0043	PASS	0°C
71	15	20	136100	680.5	DFT-s-OFDM QPSK	100@0	0.0047	PASS	10°C
71	15	20	136100	680.5	DFT-s-OFDM QPSK	100@0	0.0029	PASS	20°C
71	15	20	136100	680.5	DFT-s-OFDM QPSK	100@0	0.0056	PASS	30°C
71	15	20	136100	680.5	DFT-s-OFDM QPSK	100@0	0.0056	PASS	40°C
71	15	20	136100	680.5	DFT-s-OFDM QPSK	100@0	0.0035	PASS	50°C



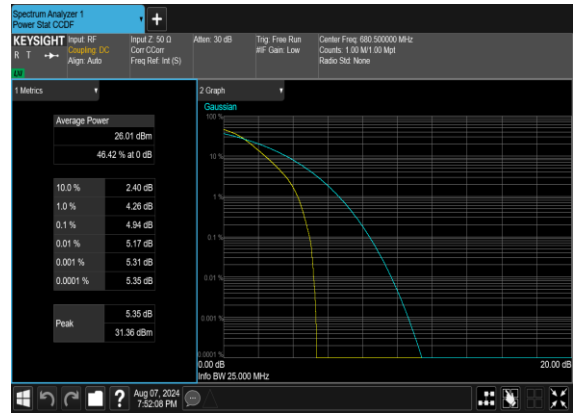
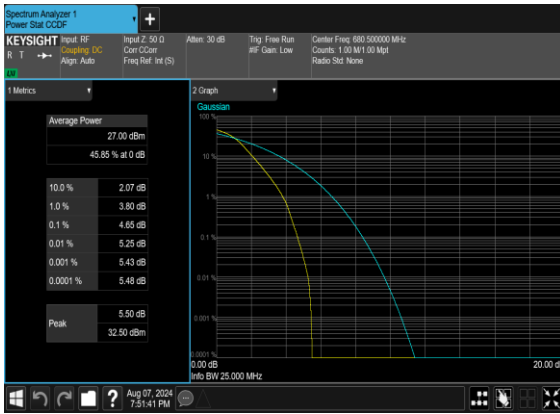
Peak to Average Ratio

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	4.65	13	PASS
71	15	20	136100	680.5	DFT-s-OFDM QPSK	100@0	4.94	13	PASS



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

N71(20M)_DFT-s-
OFDM_QPSK_Outer_Full_Mid_CH





Occupied Bandwidth

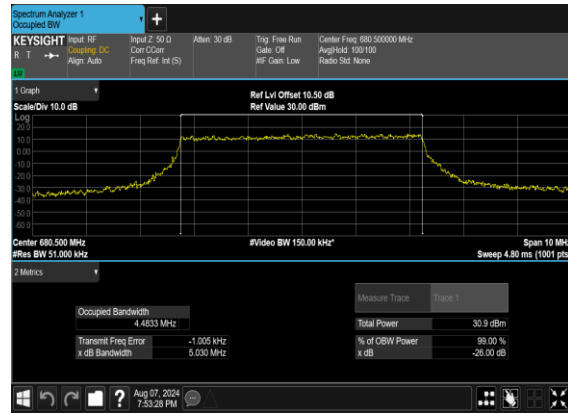
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	OBW (MHz)	26dB BW (MHz)
71	15	5	136100	680.5	CP-OFDM QPSK	25@0	4.4565	5.047
71	15	5	136100	680.5	CP-OFDM 16 QAM	25@0	4.4833	5.03
71	15	5	136100	680.5	CP-OFDM 64 QAM	25@0	4.459	5.134
71	15	5	136100	680.5	CP-OFDM 256 QAM	25@0	4.4733	4.98
71	15	10	136100	680.5	CP-OFDM QPSK	52@0	9.2543	9.987
71	15	10	136100	680.5	CP-OFDM 16 QAM	52@0	9.2603	9.937
71	15	10	136100	680.5	CP-OFDM 64 QAM	52@0	9.25	9.786
71	15	10	136100	680.5	CP-OFDM 256 QAM	52@0	9.264	10.03
71	15	15	136100	680.5	CP-OFDM QPSK	79@0	14.02	14.63
71	15	15	136100	680.5	CP-OFDM 16 QAM	79@0	14.048	14.76
71	15	15	136100	680.5	CP-OFDM 64 QAM	79@0	14.041	14.69
71	15	15	136100	680.5	CP-OFDM 256 QAM	79@0	14.037	14.78
71	15	20	136100	680.5	CP-OFDM QPSK	106@0	18.88	19.64
71	15	20	136100	680.5	CP-OFDM 16 QAM	106@0	18.828	19.9
71	15	20	136100	680.5	CP-OFDM 64 QAM	106@0	18.873	19.6
71	15	20	136100	680.5	CP-OFDM 256 QAM	106@0	18.887	19.84



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





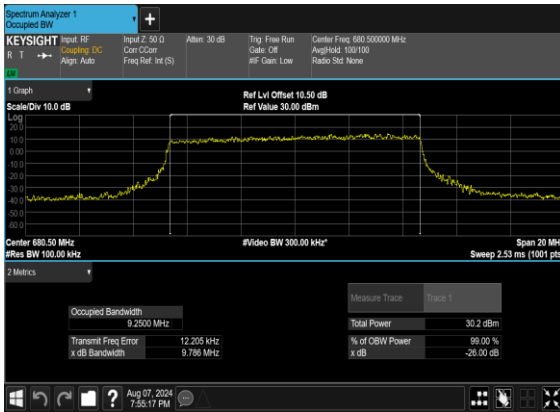
N71(10M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



N71(10M)_CP-OFDM_16QAM_Outer_Full_Mid_CH



N71(10M)_CP-OFDM_64QAM_Outer_Full_Mid_CH



N71(10M)_CP-OFDM_256QAM_Outer_Full_Mid_CH





N71(15M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



N71(15M)_CP-OFDM_16QAM_Outer_Full_Mid_CH



N71(15M)_CP-OFDM_64QAM_Outer_Full_Mid_CH



N71(15M)_CP-OFDM_256QAM_Outer_Full_Mid_CH

