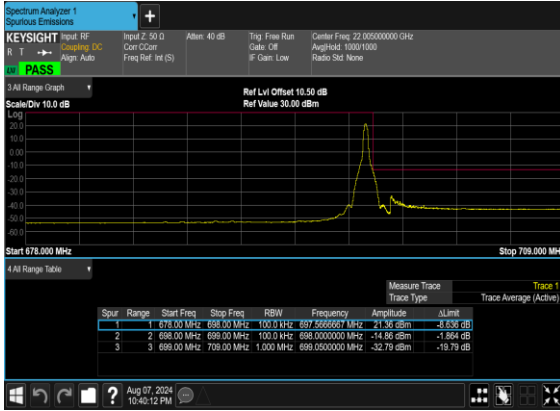
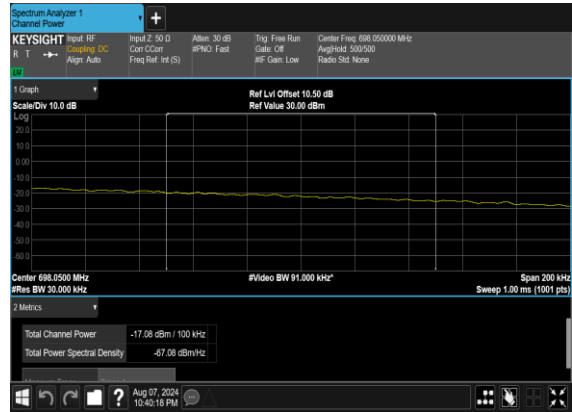




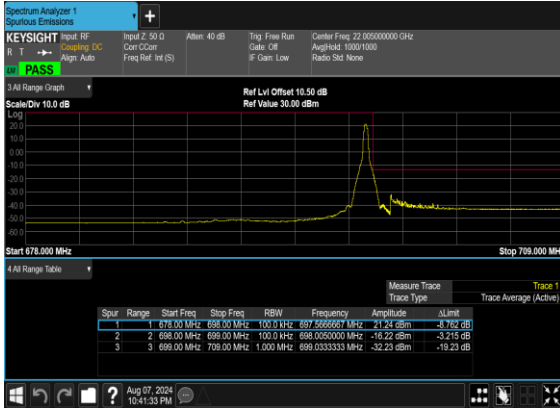
N71(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH



N71(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH_ch P_PASS



N71(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH



N71(10M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH

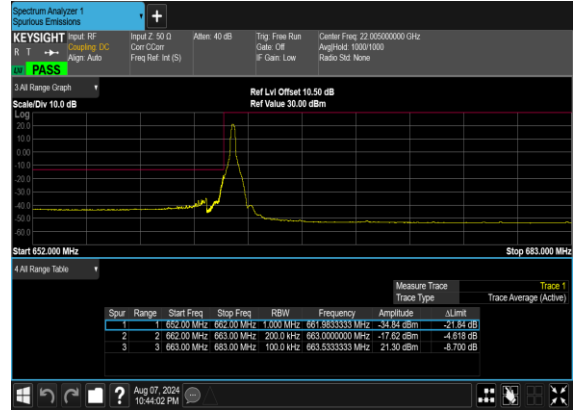




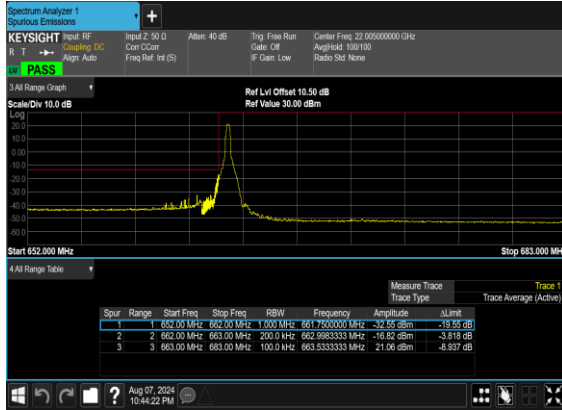
N71(10M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH



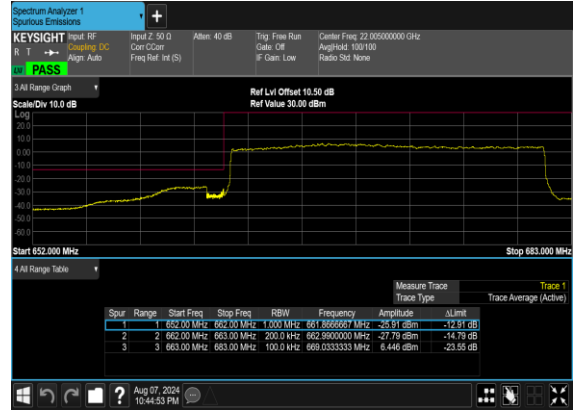
N71(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



N71(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH

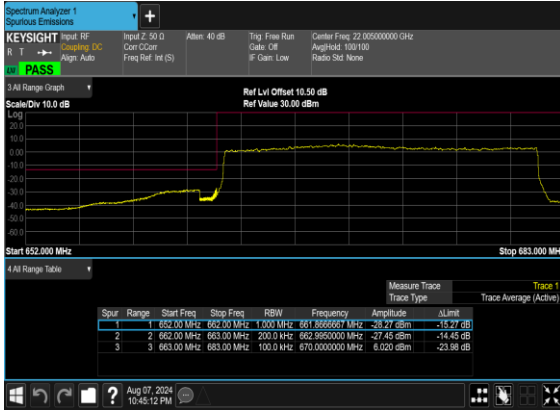


N71(20M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH





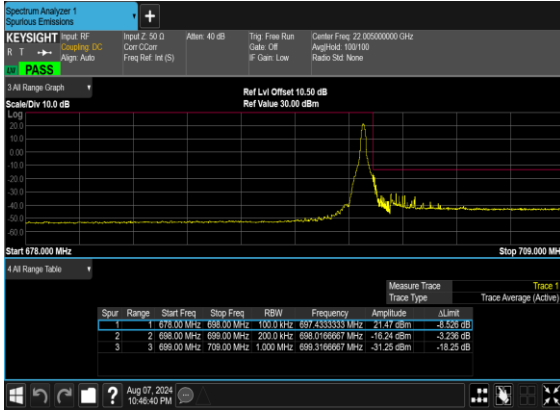
N71(20M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH



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





Software Version: 23.06.1602

FR1 N71 MIMO-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	24.24	23.45	26.87	29.34	0.8590
71	15	5	133100	665.5	DFT-s-OFDM 16 QAM	1@1	23.45	22.57	26.04	28.51	0.7096
71	15	5	136100	680.5	DFT-s-OFDM QPSK	1@1	24.2	23.69	26.96	29.43	0.8770
71	15	5	136100	680.5	DFT-s-OFDM 16 QAM	1@1	23.35	22.87	26.13	28.60	0.7244
71	15	5	139100	695.5	DFT-s-OFDM QPSK	1@1	24.36	23.83	27.11	29.58	0.9078
71	15	5	139100	695.5	DFT-s-OFDM 16 QAM	1@1	23.5	23.02	26.28	28.75	0.7499
71	15	10	133600	668	DFT-s-OFDM QPSK	1@1	24.36	23.39	26.91	29.38	0.8670
71	15	10	133600	668	DFT-s-OFDM 16 QAM	1@1	23.44	22.49	26.00	28.47	0.7031
71	15	10	136100	680.5	DFT-s-OFDM QPSK	1@1	24.34	23.78	27.08	29.55	0.9016
71	15	10	136100	680.5	DFT-s-OFDM 16 QAM	1@1	23.34	22.88	26.13	28.60	0.7244
71	15	10	138600	693	DFT-s-OFDM QPSK	1@1	24.35	23.96	27.17	29.64	0.9204
71	15	10	138600	693	DFT-s-OFDM 16 QAM	1@1	23.44	22.93	26.20	28.67	0.7362
71	15	15	134100	670.5	DFT-s-OFDM QPSK	1@1	24.22	23.5	26.89	29.36	0.8630
71	15	15	134100	670.5	DFT-s-OFDM 16 QAM	1@1	23.53	22.68	26.14	28.61	0.7261
71	15	15	136100	680.5	DFT-s-OFDM QPSK	1@1	24.28	23.73	27.02	29.49	0.8892
71	15	15	136100	680.5	DFT-s-OFDM 16 QAM	1@1	23.4	23.02	26.22	28.69	0.7396
71	15	15	138100	690.5	DFT-s-OFDM QPSK	1@1	24.21	23.81	27.02	29.49	0.8892
71	15	15	138100	690.5	DFT-s-OFDM 16 QAM	1@1	23.47	23.02	26.26	28.73	0.7464



71	15	20	134600	673	DFT-s-OFDM PI/2 BPSK	50@25	24.9	24.6	27.76	30.23	1.0544
71	15	20	134600	673	DFT-s-OFDM PI/2 BPSK	1@1	24.87	23.37	27.19	29.66	0.9247
71	15	20	134600	673	DFT-s-OFDM PI/2 BPSK	1@104	24.84	24.41	27.64	30.11	1.0257
71	15	20	134600	673	DFT-s-OFDM QPSK	50@25	24.3	23.89	27.11	29.58	0.9078
71	15	20	134600	673	DFT-s-OFDM QPSK	1@1	24.37	23.11	26.80	29.27	0.8453
71	15	20	134600	673	DFT-s-OFDM QPSK	1@104	24.43	24	27.23	29.70	0.9333
71	15	20	134600	673	DFT-s-OFDM 16 QAM	50@25	23.24	22.84	26.05	28.52	0.7112
71	15	20	134600	673	DFT-s-OFDM 16 QAM	1@1	23.4	22.37	25.93	28.40	0.6918
71	15	20	134600	673	DFT-s-OFDM 16 QAM	1@104	23.49	23.11	26.31	28.78	0.7551
71	15	20	134600	673	DFT-s-OFDM 64 QAM	50@25	21.88	21.38	24.65	27.12	0.5152
71	15	20	134600	673	DFT-s-OFDM 64 QAM	1@1	21.9	20.93	24.45	26.92	0.4920
71	15	20	134600	673	DFT-s-OFDM 64 QAM	1@104	22.01	21.54	24.79	27.26	0.5321
71	15	20	134600	673	DFT-s-OFDM 256 QAM	50@25	19.44	18.84	22.16	24.63	0.2904
71	15	20	134600	673	DFT-s-OFDM 256 QAM	1@1	19.22	18.65	21.95	24.42	0.2767
71	15	20	134600	673	DFT-s-OFDM 256 QAM	1@104	19.15	18.51	21.85	24.32	0.2704
71	15	20	134600	673	CP-OFDM QPSK	53@26	22.72	22.35	25.55	28.02	0.6339
71	15	20	134600	673	CP-OFDM QPSK	1@1	23.02	21.97	25.54	28.01	0.6324
71	15	20	134600	673	CP-OFDM QPSK	1@104	23.1	22.62	25.88	28.35	0.6839
71	15	20	136100	680.5	DFT-s-OFDM PI/2 BPSK	50@25	24.8	24.39	27.61	30.08	1.0186
71	15	20	136100	680.5	DFT-s-OFDM PI/2 BPSK	1@1	24.85	24.38	27.63	30.10	1.0233
71	15	20	136100	680.5	DFT-s-OFDM PI/2 BPSK	1@104	24.89	24.4	27.66	30.13	1.0304
71	15	20	136100	680.5	DFT-s-OFDM QPSK	50@25	24.41	23.99	27.22	29.69	0.9311
71	15	20	136100	680.5	DFT-s-OFDM QPSK	1@1	24.35	24.01	27.19	29.66	0.9247



71	15	20	136100	680.5	DFT-s-OFDM QPSK	1@104	24.52	23.89	27.23	29.70	0.9333
71	15	20	136100	680.5	DFT-s-OFDM 16 QAM	50@25	23.32	22.81	26.08	28.55	0.7161
71	15	20	136100	680.5	DFT-s-OFDM 16 QAM	1@1	23.45	22.92	26.20	28.67	0.7362
71	15	20	136100	680.5	DFT-s-OFDM 16 QAM	1@104	23.5	22.98	26.26	28.73	0.7464
71	15	20	136100	680.5	DFT-s-OFDM 64 QAM	50@25	21.95	21.43	24.71	27.18	0.5224
71	15	20	136100	680.5	DFT-s-OFDM 64 QAM	1@1	21.9	21.45	24.69	27.16	0.5200
71	15	20	136100	680.5	DFT-s-OFDM 64 QAM	1@104	21.95	21.48	24.73	27.20	0.5248
71	15	20	136100	680.5	DFT-s-OFDM 256 QAM	50@25	19.36	18.83	22.11	24.58	0.2871
71	15	20	136100	680.5	DFT-s-OFDM 256 QAM	1@1	19.27	18.6	21.96	24.43	0.2773
71	15	20	136100	680.5	DFT-s-OFDM 256 QAM	1@104	19.08	18.44	21.78	24.25	0.2661
71	15	20	136100	680.5	CP-OFDM QPSK	53@26	22.84	22.42	25.65	28.12	0.6486
71	15	20	136100	680.5	CP-OFDM QPSK	1@1	23.06	22.58	25.84	28.31	0.6776
71	15	20	136100	680.5	CP-OFDM QPSK	1@104	23	22.58	25.81	28.28	0.6730
71	15	20	137600	688	DFT-s-OFDM PI/2 BPSK	50@25	24.83	24.49	27.67	30.14	1.0328
71	15	20	137600	688	DFT-s-OFDM PI/2 BPSK	1@1	24.99	24.48	27.75	30.22	1.0520
71	15	20	137600	688	DFT-s-OFDM PI/2 BPSK	1@104	24.9	24.38	27.66	30.13	1.0304
71	15	20	137600	688	DFT-s-OFDM QPSK	50@25	24.36	23.98	27.18	29.65	0.9226
71	15	20	137600	688	DFT-s-OFDM QPSK	1@1	24.41	24	27.22	29.69	0.9311
71	15	20	137600	688	DFT-s-OFDM QPSK	1@104	24.48	23.91	27.21	29.68	0.9290
71	15	20	137600	688	DFT-s-OFDM 16 QAM	50@25	23.31	22.92	26.13	28.60	0.7244
71	15	20	137600	688	DFT-s-OFDM 16 QAM	1@1	23.44	23.01	26.24	28.71	0.7430
71	15	20	137600	688	DFT-s-OFDM 16 QAM	1@104	23.54	23.02	26.30	28.77	0.7534
71	15	20	137600	688	DFT-s-OFDM 64 QAM	50@25	21.88	21.51	24.71	27.18	0.5224



71	15	20	137600	688	DFT-s-OFDM 64 QAM	1@1	21.94	21.6	24.78	27.25	0.5309
71	15	20	137600	688	DFT-s-OFDM 64 QAM	1@104	21.99	21.52	24.77	27.24	0.5297
71	15	20	137600	688	DFT-s-OFDM 256 QAM	50@25	19.44	18.86	22.17	24.64	0.2911
71	15	20	137600	688	DFT-s-OFDM 256 QAM	1@1	19.2	18.66	21.95	24.42	0.2767
71	15	20	137600	688	DFT-s-OFDM 256 QAM	1@104	19.14	18.51	21.85	24.32	0.2704
71	15	20	137600	688	CP-OFDM QPSK	53@26	22.73	22.35	25.55	28.02	0.6339
71	15	20	137600	688	CP-OFDM QPSK	1@1	23.01	22.55	25.80	28.27	0.6714
71	15	20	137600	688	CP-OFDM QPSK	1@104	23.06	22.51	25.80	28.27	0.6714



FR1 N71 MIMO-ANT(1+8)_ANT1

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	0.0025	PASS	NV
71	15	20	136100	680.5	DFT-s-OFDM QPSK	100@0	0.0045	PASS	LV
71	15	20	136100	680.5	DFT-s-OFDM QPSK	100@0	0.0058	PASS	HV
71	15	20	136100	680.5	DFT-s-OFDM QPSK	100@0	0.0047	PASS	-30°C
71	15	20	136100	680.5	DFT-s-OFDM QPSK	100@0	0.0047	PASS	-20°C
71	15	20	136100	680.5	DFT-s-OFDM QPSK	100@0	0.0039	PASS	-10°C
71	15	20	136100	680.5	DFT-s-OFDM QPSK	100@0	0.0049	PASS	0°C
71	15	20	136100	680.5	DFT-s-OFDM QPSK	100@0	0.0068	PASS	10°C
71	15	20	136100	680.5	DFT-s-OFDM QPSK	100@0	0.0025	PASS	20°C
71	15	20	136100	680.5	DFT-s-OFDM QPSK	100@0	0.0060	PASS	30°C
71	15	20	136100	680.5	DFT-s-OFDM QPSK	100@0	0.0043	PASS	40°C
71	15	20	136100	680.5	DFT-s-OFDM QPSK	100@0	0.0042	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	4.34	13	PASS
71	15	20	136100	680.5	DFT-s-OFDM QPSK	100@0	5.13	13	PASS



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



N71(20M)_DFT-s-
OFDM_QPSK_Outer_Full_Mid_CH



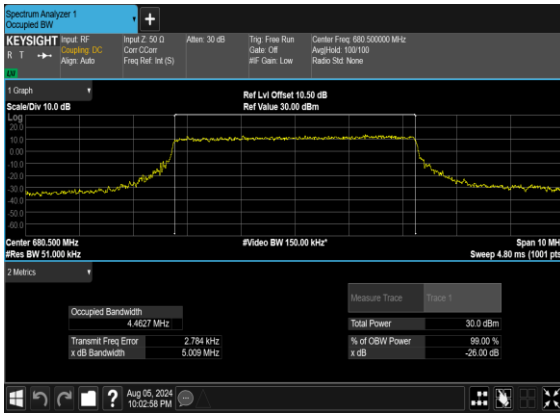


Occupied Bandwidth

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	4.4627	5.009
71	15	5	136100	680.5	CP-OFDM 16 QAM	25@0	4.4849	5.009
71	15	5	136100	680.5	CP-OFDM 64 QAM	25@0	4.462	5.072
71	15	5	136100	680.5	CP-OFDM 256 QAM	25@0	4.4817	4.988
71	15	10	136100	680.5	CP-OFDM QPSK	52@0	9.2745	10.02
71	15	10	136100	680.5	CP-OFDM 16 QAM	52@0	9.255	9.887
71	15	10	136100	680.5	CP-OFDM 64 QAM	52@0	9.2567	9.936
71	15	10	136100	680.5	CP-OFDM 256 QAM	52@0	9.259	9.955
71	15	15	136100	680.5	CP-OFDM QPSK	79@0	14.06	14.98
71	15	15	136100	680.5	CP-OFDM 16 QAM	79@0	14.07	14.79
71	15	15	136100	680.5	CP-OFDM 64 QAM	79@0	14.063	14.87
71	15	15	136100	680.5	CP-OFDM 256 QAM	79@0	14.05	14.79
71	15	20	136100	680.5	CP-OFDM QPSK	106@0	18.869	19.78
71	15	20	136100	680.5	CP-OFDM 16 QAM	106@0	18.919	19.88
71	15	20	136100	680.5	CP-OFDM 64 QAM	106@0	18.881	19.73
71	15	20	136100	680.5	CP-OFDM 256 QAM	106@0	18.932	19.68



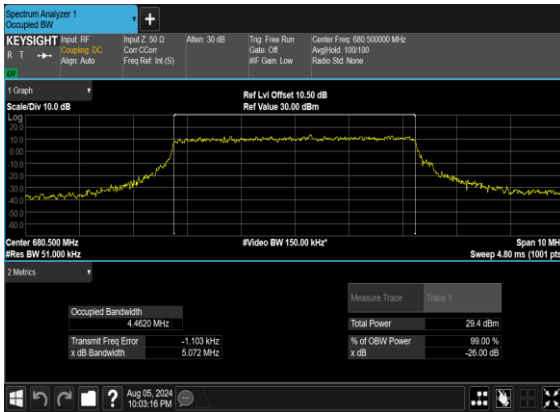
N71(5M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



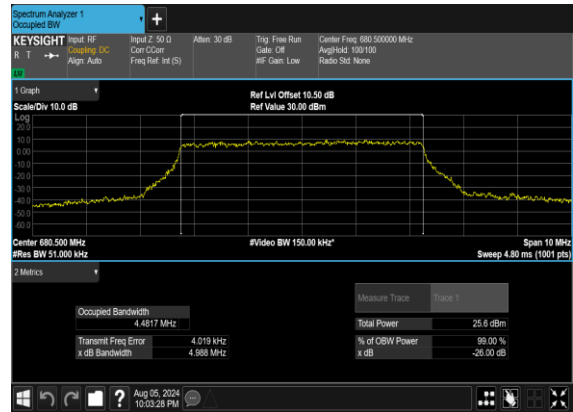
N71(5M)_CP-OFDM_16QAM_Outer_Full_Mid_CH



N71(5M)_CP-OFDM_64QAM_Outer_Full_Mid_CH



N71(5M)_CP-OFDM_256QAM_Outer_Full_Mid_CH

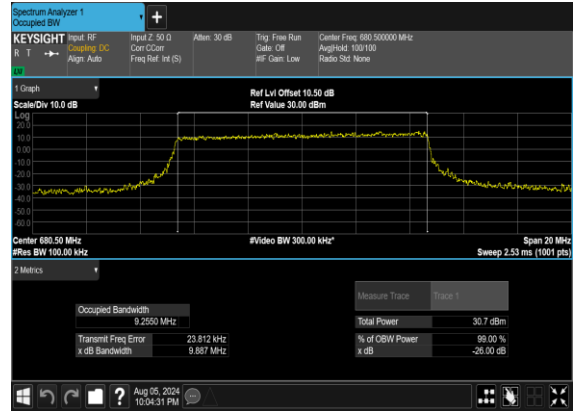




N71(10M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



N71(10M)_CP-OFDM_16QAM_Outer_Full_Mid_CH



N71(10M)_CP-OFDM_64QAM_Outer_Full_Mid_CH

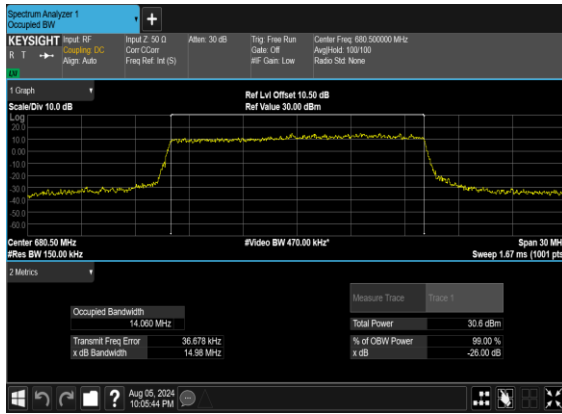


N71(10M)_CP-OFDM_256QAM_Outer_Full_Mid_CH





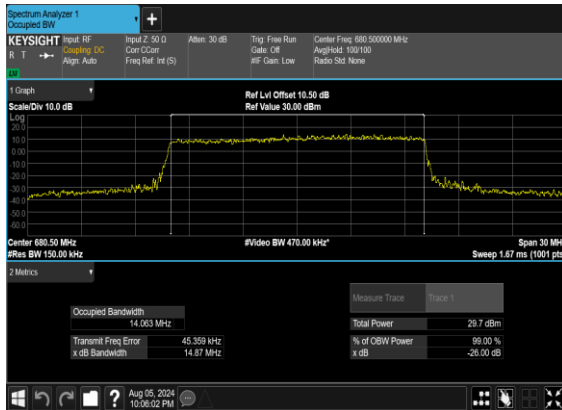
N71(15M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



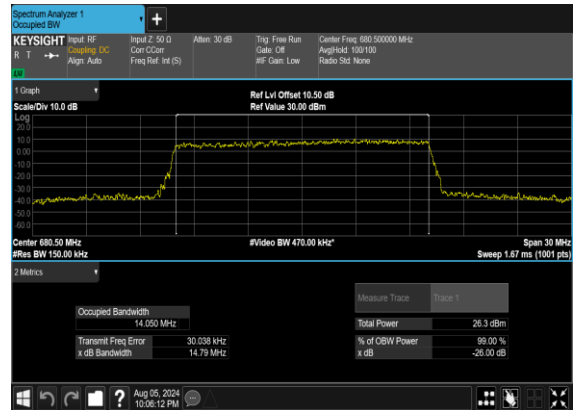
N71(15M)_CP-OFDM_16QAM_Outer_Full_Mid_CH



N71(15M)_CP-OFDM_64QAM_Outer_Full_Mid_CH

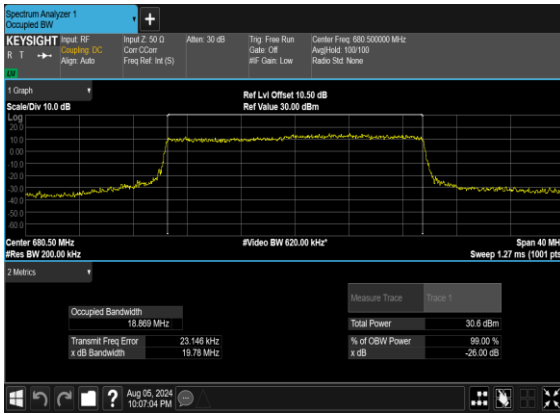


N71(15M)_CP-OFDM_256QAM_Outer_Full_Mid_CH

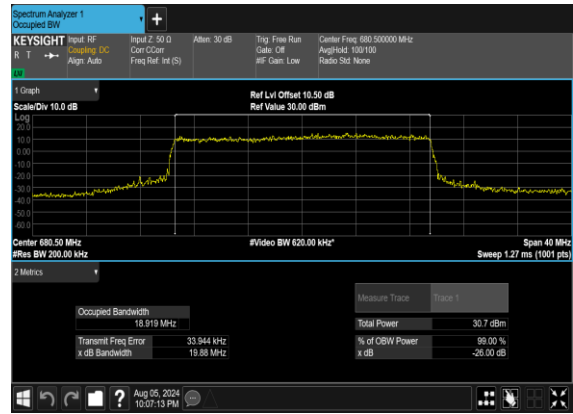




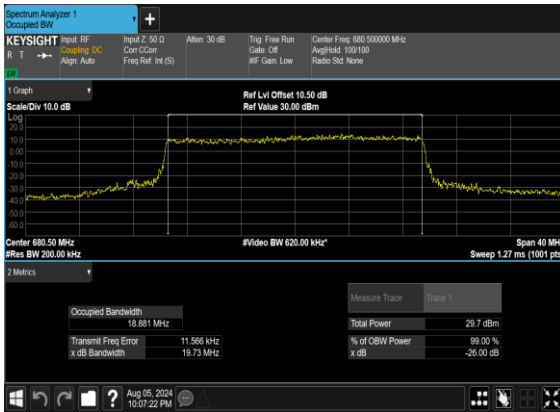
N71(20M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



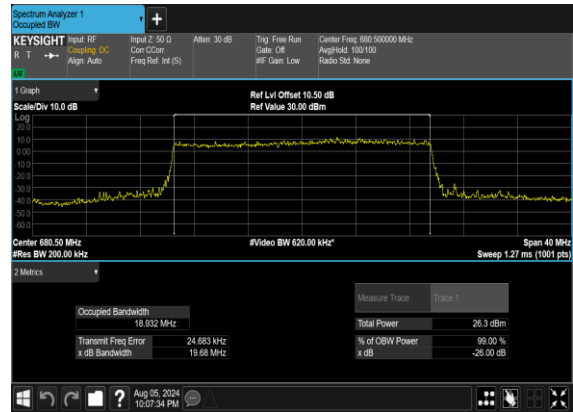
N71(20M)_CP-OFDM_16QAM_Outer_Full_Mid_CH



N71(20M)_CP-OFDM_64QAM_Outer_Full_Mid_CH



N71(20M)_CP-OFDM_256QAM_Outer_Full_Mid_CH





Conducted Spurious Emissions

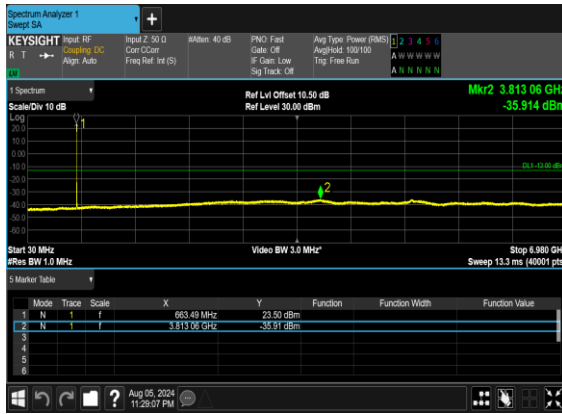
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
71	15	5	133100	665.5	DFT-s-OFDM BPSK	1@0	see graph	---
71	15	5	133100	665.5	DFT-s-OFDM BPSK	1@0	see graph	PASS
71	15	5	133100	665.5	DFT-s-OFDM QPSK	1@0	see graph	---
71	15	5	133100	665.5	DFT-s-OFDM QPSK	1@0	see graph	PASS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



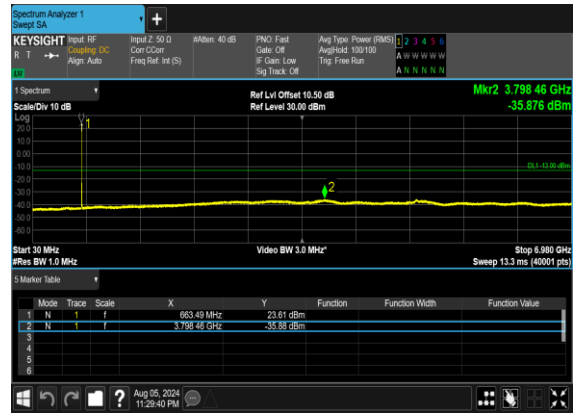
71	15	10	138600	693.0	DFT-s-OFDM BPSK	1@0	see graph	---
71	15	10	138600	693.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
71	15	10	138600	693.0	DFT-s-OFDM QPSK	1@0	see graph	---
71	15	10	138600	693.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
71	15	20	134600	673.0	DFT-s-OFDM BPSK	1@0	see graph	---
71	15	20	134600	673.0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



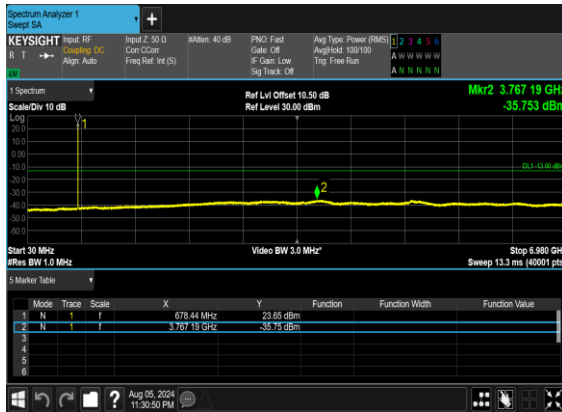
N71(5M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



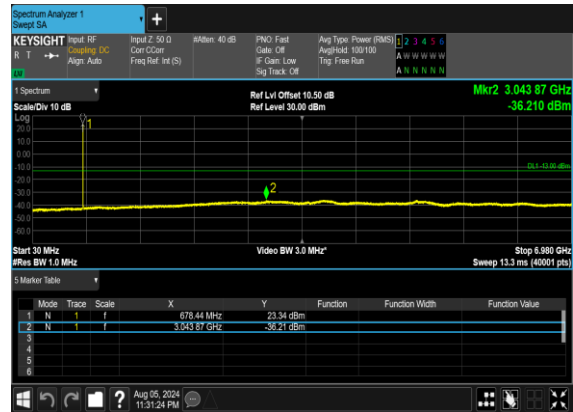
N71(5M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



N71(5M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



N71(5M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH

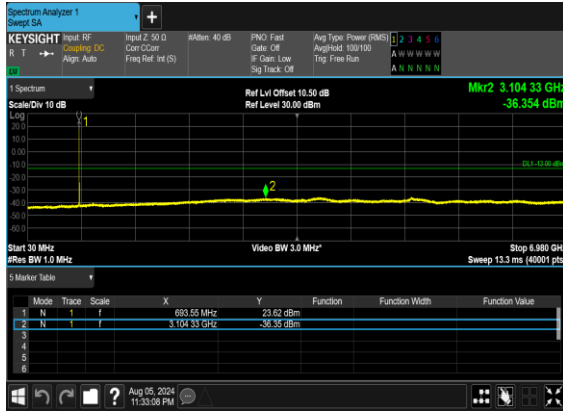




N71(5M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



N71(5M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH



N71(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH

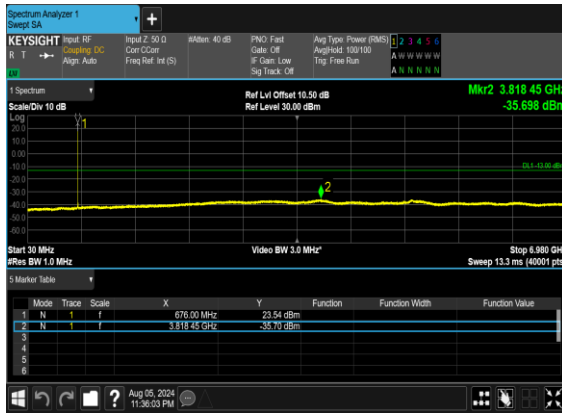


N71(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH

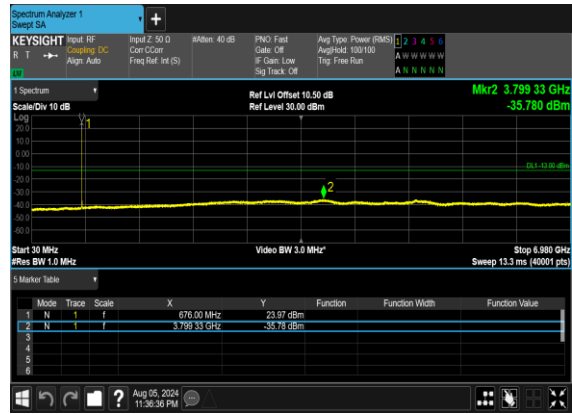




N71(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



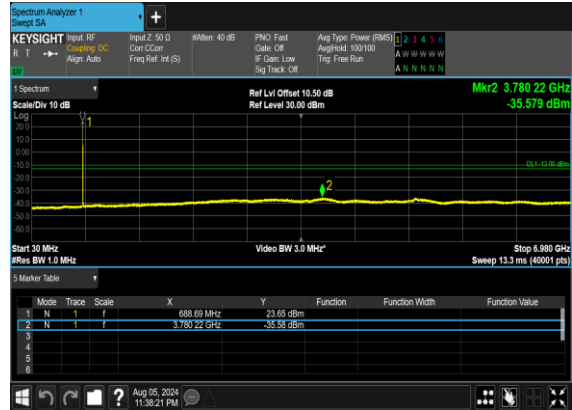
N71(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



N71(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH

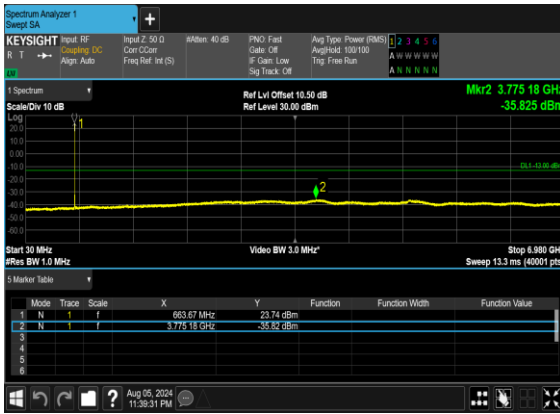


N71(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH

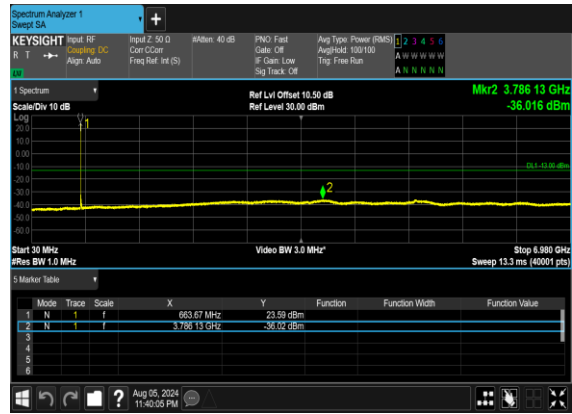




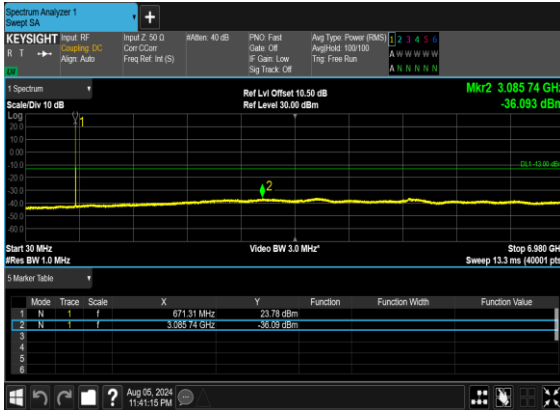
N71(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



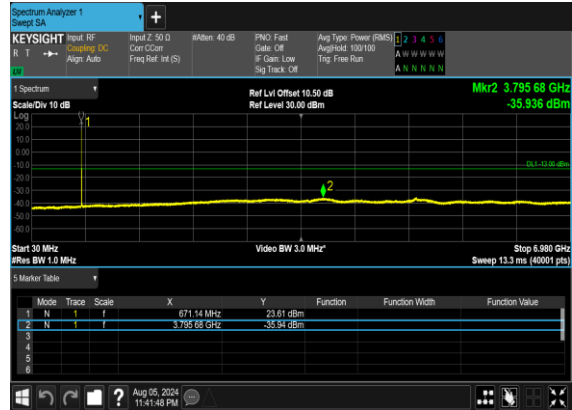
N71(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



N71(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH

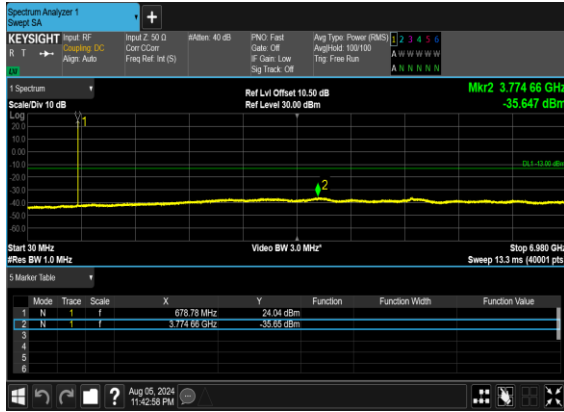


N71(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH

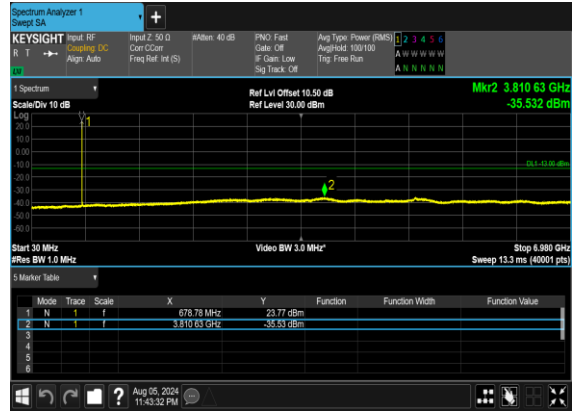




N71(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



N71(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH





Conducted Band Edge

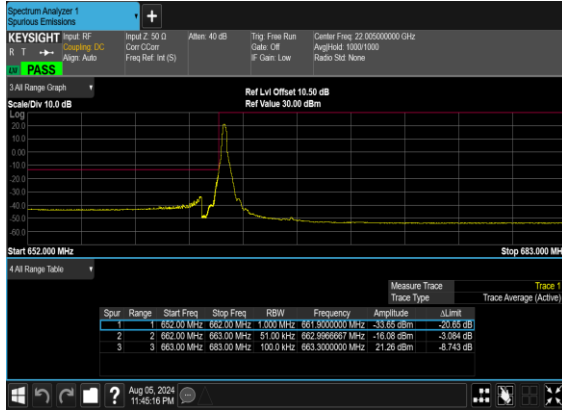
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
71	15	5	133100	665.5	DFT-s-OFDM BPSK	1@0	see graph	PASS
71	15	5	133100	665.5	DFT-s-OFDM QPSK	1@0	see graph	PASS
71	15	5	133100	665.5	DFT-s-OFDM BPSK	25@0	see graph	PASS
71	15	5	133100	665.5	DFT-s-OFDM QPSK	25@0	see graph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



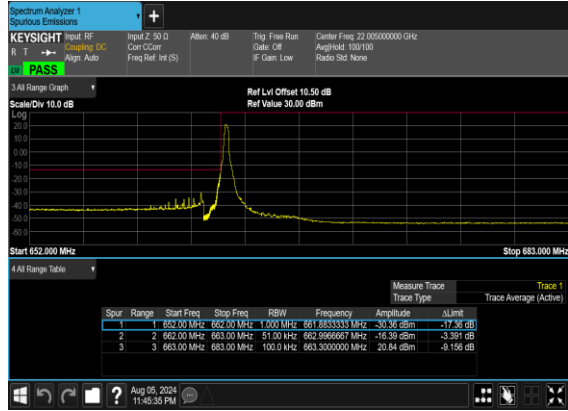
71	15	20	137600	688.0	DFT-s-OFDM BPSK	1@105	see graph	PASS
71	15	20	137600	688.0	DFT-s-OFDM QPSK	1@105	see graph	PASS
71	15	20	137600	688.0	DFT-s-OFDM BPSK	100@0	see graph	PASS
71	15	20	137600	688.0	DFT-s-OFDM QPSK	100@0	see graph	PASS



N71(5M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



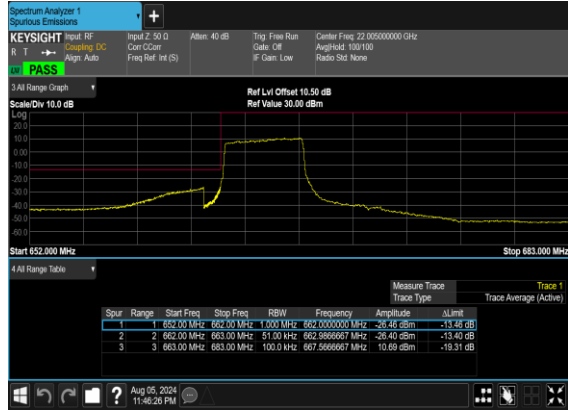
N71(5M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



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



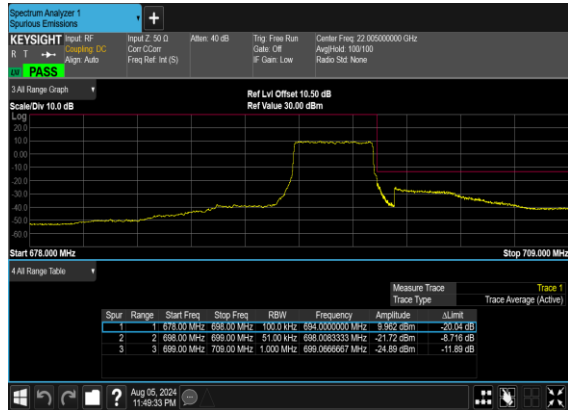
N71(5M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH



N71(5M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH

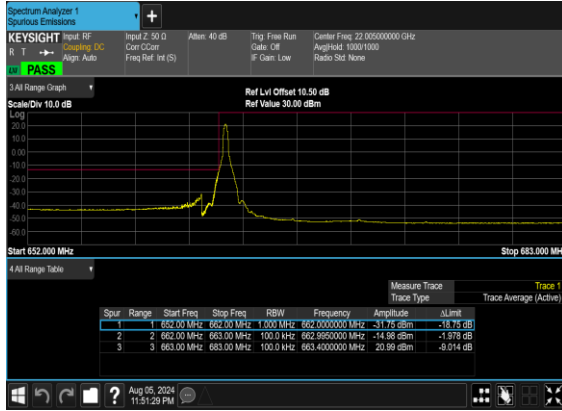


N71(5M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH

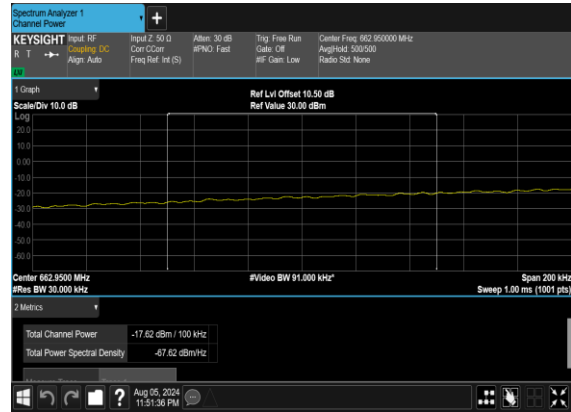




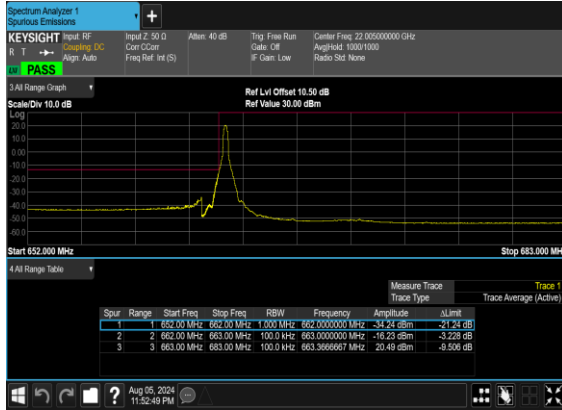
N71(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



N71(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH_CHP_P ASS



N71(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH

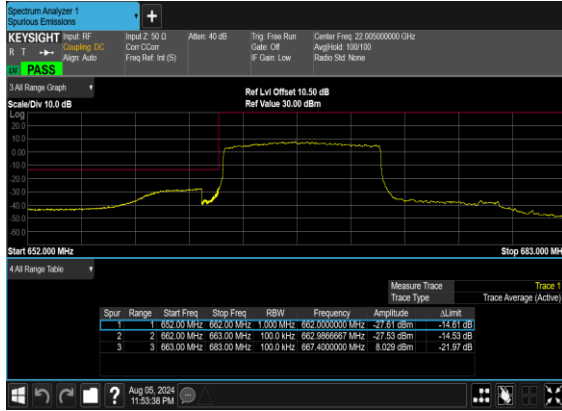


N71(10M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH





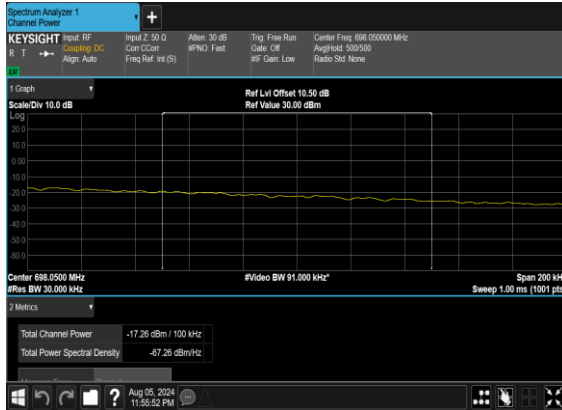
N71(10M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH



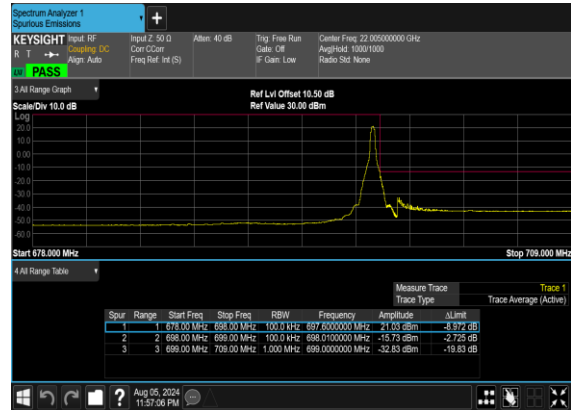
N71(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH



N71(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH_ch P_PASS

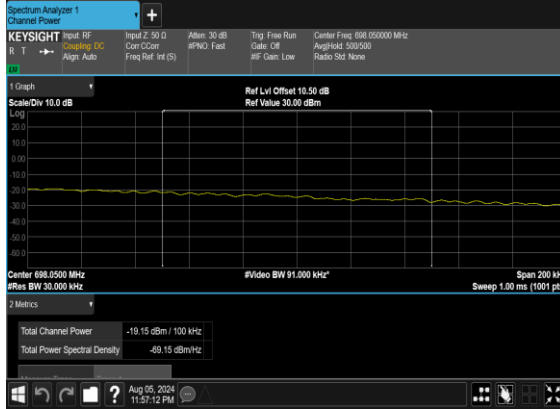


N71(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH





N71(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH P_PASS



N71(10M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH



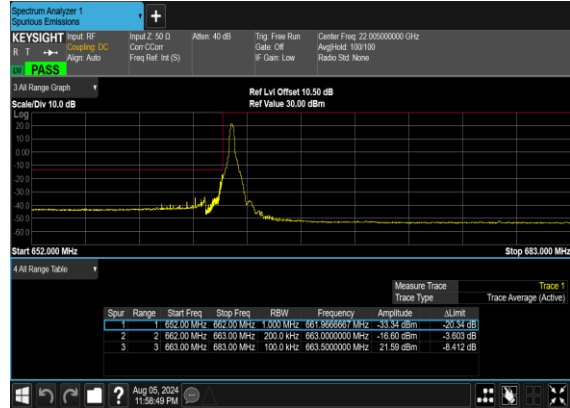
Spur	Range	Start Freq	Stop Freq	RBW	Frequency	Amplitude	ΔLimit
1		678.00 MHz	698.00 MHz	100.0 kHz	688.000000 MHz	-21.58 dBm	-19.37 dB
2		698.00 MHz	699.00 MHz	100.0 kHz	698.015000 MHz	-32.37 dBm	-12.67 dB
3		699.00 MHz	709.00 MHz	1.000 MHz	701.600000 MHz	-25.67 dBm	-12.67 dB

N71(10M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH



Spur	Range	Start Freq	Stop Freq	RBW	Frequency	Amplitude	ΔLimit
1		688.00 MHz	698.00 MHz	100.0 kHz	693.133333 MHz	-11.63 dBm	-19.83 dB
2		698.00 MHz	699.00 MHz	100.0 kHz	698.033333 MHz	-32.83 dBm	-12.42 dB
3		699.00 MHz	709.00 MHz	1.000 MHz	699.233333 MHz	-25.42 dBm	-12.42 dB

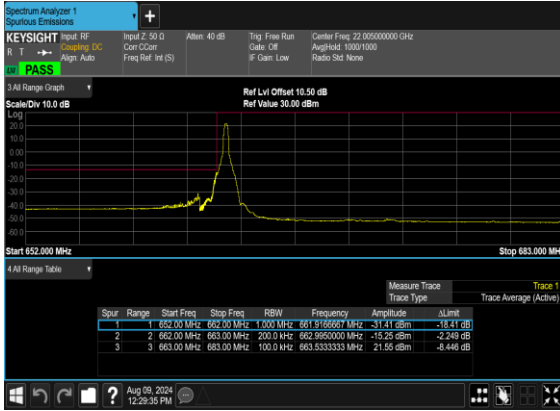
N71(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



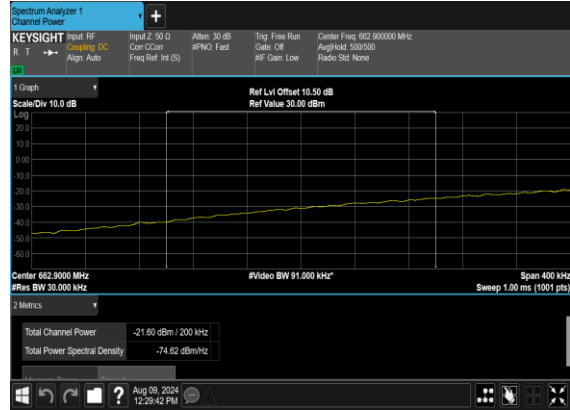
Spur	Range	Start Freq	Stop Freq	RBW	Frequency	Amplitude	ΔLimit
1		662.00 MHz	663.00 MHz	1.000 MHz	661.999999 MHz	-16.34 dBm	-3.63 dB
2		662.00 MHz	663.00 MHz	200.0 kHz	663.000000 MHz	-16.60 dBm	-3.603 dB
3		663.00 MHz	663.00 MHz	100.0 kHz	663.500000 MHz	-21.59 dBm	-8.412 dB



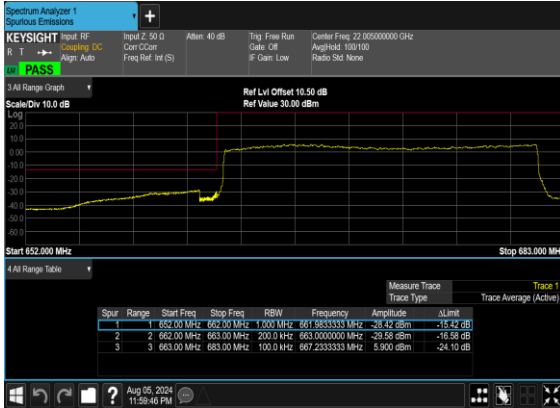
N71(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



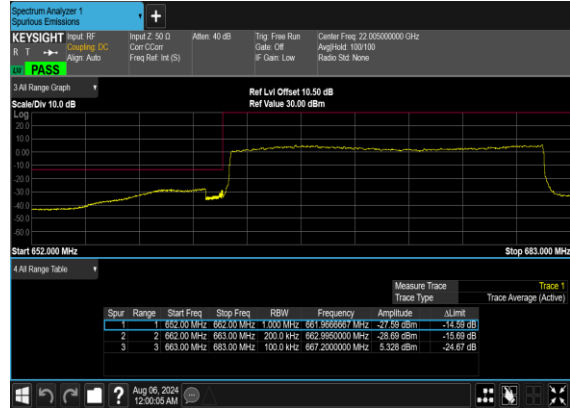
N71(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH_CHP_PASS



N71(20M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH



N71(20M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH

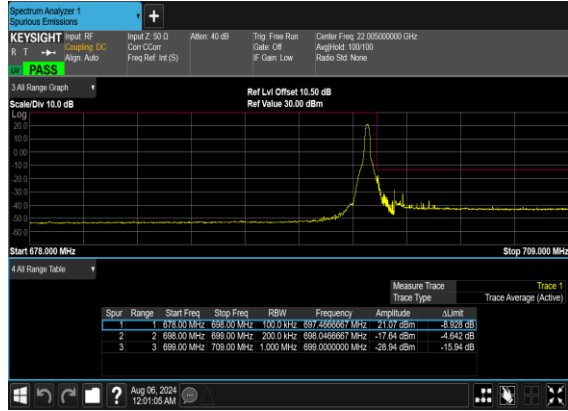




N71(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH



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 MIMO-ANT(1+8)_ANT8

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	0.0062	PASS	NV
71	15	20	136100	680.5	DFT-s-OFDM QPSK	100@0	0.0057	PASS	LV
71	15	20	136100	680.5	DFT-s-OFDM QPSK	100@0	0.0052	PASS	HV
71	15	20	136100	680.5	DFT-s-OFDM QPSK	100@0	0.0033	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	0.0037	PASS	-10°C
71	15	20	136100	680.5	DFT-s-OFDM QPSK	100@0	0.0020	PASS	0°C
71	15	20	136100	680.5	DFT-s-OFDM QPSK	100@0	0.0062	PASS	10°C
71	15	20	136100	680.5	DFT-s-OFDM QPSK	100@0	0.0062	PASS	20°C
71	15	20	136100	680.5	DFT-s-OFDM QPSK	100@0	0.0028	PASS	30°C
71	15	20	136100	680.5	DFT-s-OFDM QPSK	100@0	0.0066	PASS	40°C
71	15	20	136100	680.5	DFT-s-OFDM QPSK	100@0	0.0037	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	4.33	13	PASS
71	15	20	136100	680.5	DFT-s-OFDM QPSK	100@0	5.31	13	PASS



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

N71(20M)_DFT-s-
OFDM_QPSK_Outer_Full_Mid_CH



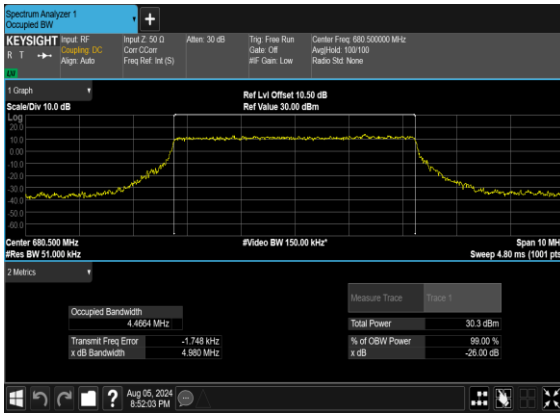


Occupied Bandwidth

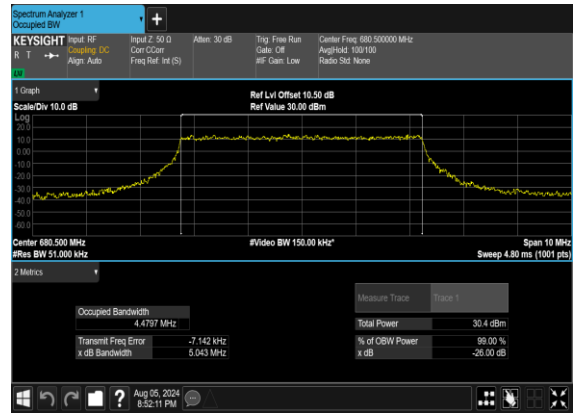
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	OBW (MHz)	26dB BW (MHz)
71	15	5	136100	680.5	CP-OFDM QPSK	25@0	4.4664	4.98
71	15	5	136100	680.5	CP-OFDM 16 QAM	25@0	4.4797	5.043
71	15	5	136100	680.5	CP-OFDM 64 QAM	25@0	4.4658	5.07
71	15	5	136100	680.5	CP-OFDM 256 QAM	25@0	4.4824	5.114
71	15	10	136100	680.5	CP-OFDM QPSK	52@0	9.2838	9.992
71	15	10	136100	680.5	CP-OFDM 16 QAM	52@0	9.3006	10.04
71	15	10	136100	680.5	CP-OFDM 64 QAM	52@0	9.2706	9.989
71	15	10	136100	680.5	CP-OFDM 256 QAM	52@0	9.2979	10.04
71	15	15	136100	680.5	CP-OFDM QPSK	79@0	14.124	14.93
71	15	15	136100	680.5	CP-OFDM 16 QAM	79@0	14.104	14.98
71	15	15	136100	680.5	CP-OFDM 64 QAM	79@0	14.122	14.91
71	15	15	136100	680.5	CP-OFDM 256 QAM	79@0	14.113	14.98
71	15	20	136100	680.5	CP-OFDM QPSK	106@0	18.955	19.89
71	15	20	136100	680.5	CP-OFDM 16 QAM	106@0	18.956	19.82
71	15	20	136100	680.5	CP-OFDM 64 QAM	106@0	18.968	19.64
71	15	20	136100	680.5	CP-OFDM 256 QAM	106@0	18.971	19.9



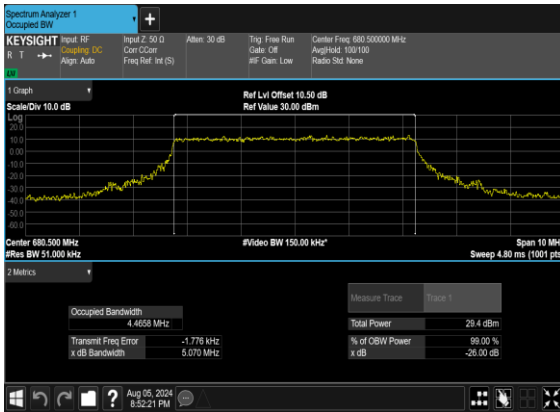
N71(5M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



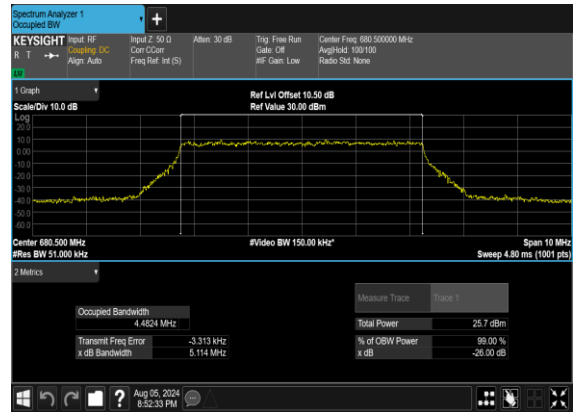
N71(5M)_CP-OFDM_16_QAM_Outer_Full_Mid_CH



N71(5M)_CP-OFDM_64_QAM_Outer_Full_Mid_CH



N71(5M)_CP-OFDM_256_QAM_Outer_Full_Mid_CH





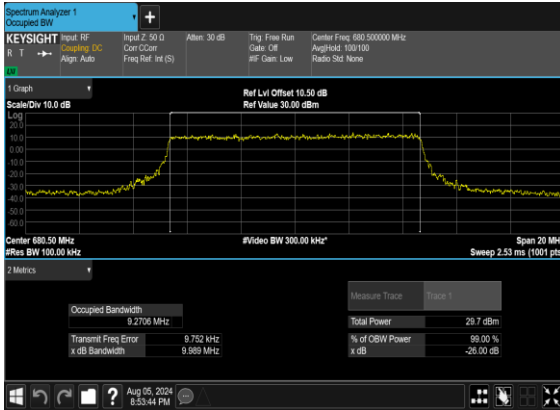
N71(10M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



N71(10M)_CP-OFDM_16QAM_Outer_Full_Mid_CH



N71(10M)_CP-OFDM_64QAM_Outer_Full_Mid_CH

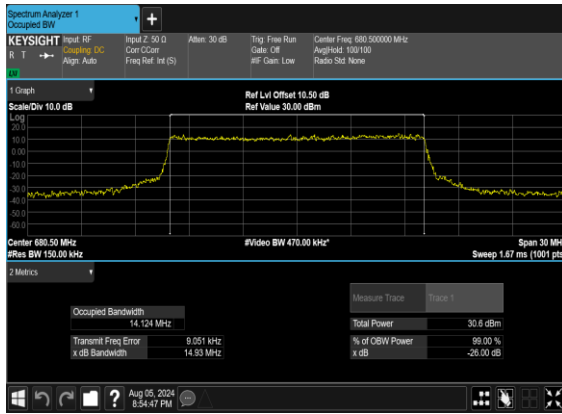


N71(10M)_CP-OFDM_256QAM_Outer_Full_Mid_CH

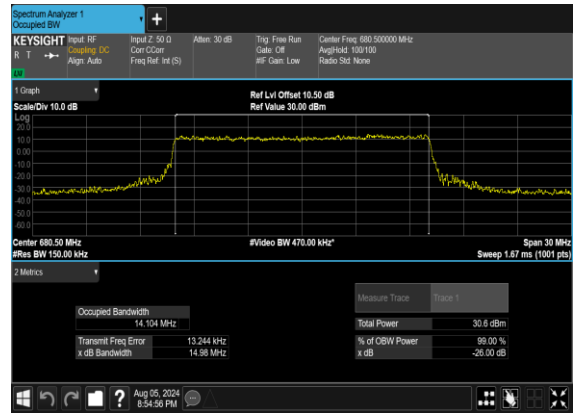




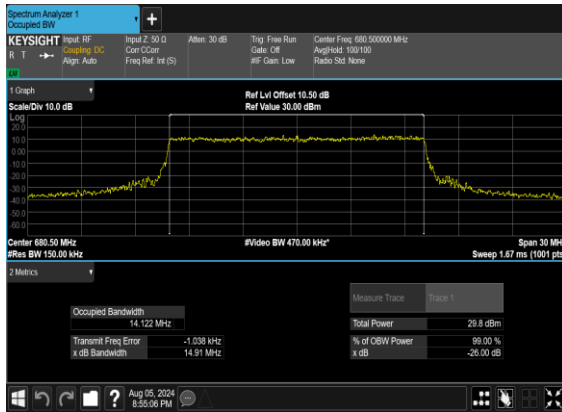
N71(15M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



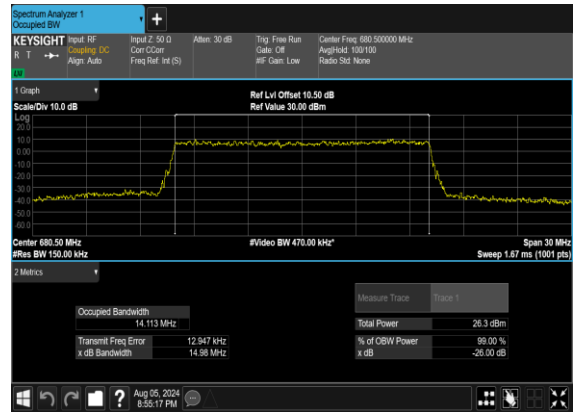
N71(15M)_CP-OFDM_16QAM_Outer_Full_Mid_CH



N71(15M)_CP-OFDM_64QAM_Outer_Full_Mid_CH

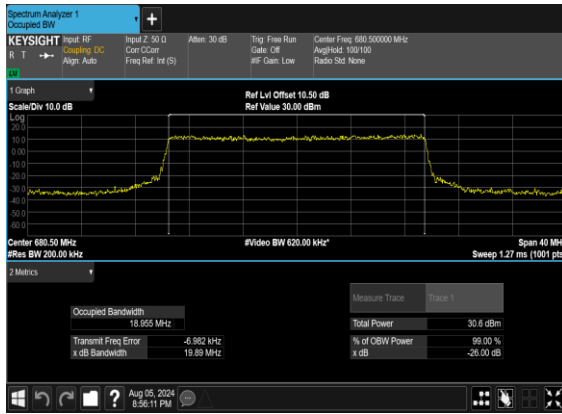


N71(15M)_CP-OFDM_256QAM_Outer_Full_Mid_CH

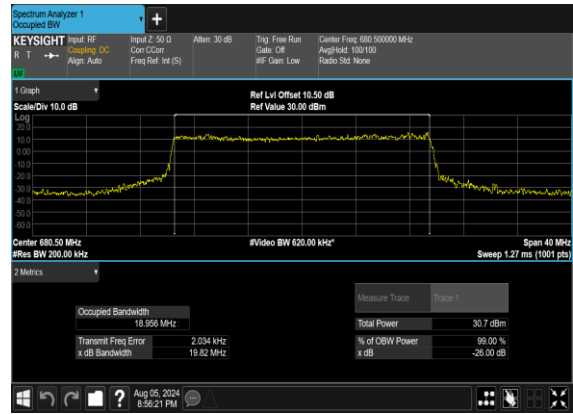




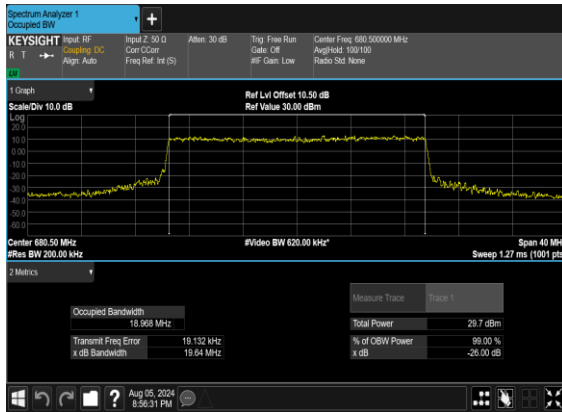
N71(20M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



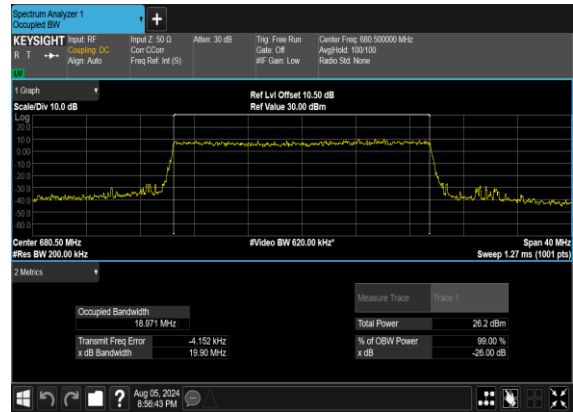
N71(20M)_CP-OFDM_16QAM_Outer_Full_Mid_CH



N71(20M)_CP-OFDM_64QAM_Outer_Full_Mid_CH



N71(20M)_CP-OFDM_256QAM_Outer_Full_Mid_CH





Conducted Spurious Emissions

Table with 9 columns: NR Band, SCS (kHz), Bandwidth (MHz), Arfcn, Freq (MHz), Modulation, RB, Result, Verdict. It contains 24 rows of test data with alternating 'PASS' and '---' results.



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