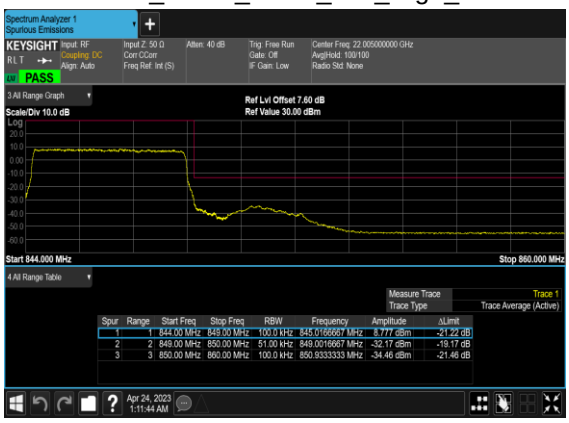
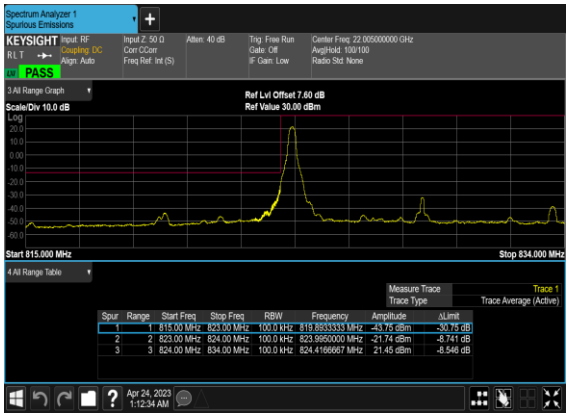
N26(5M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH

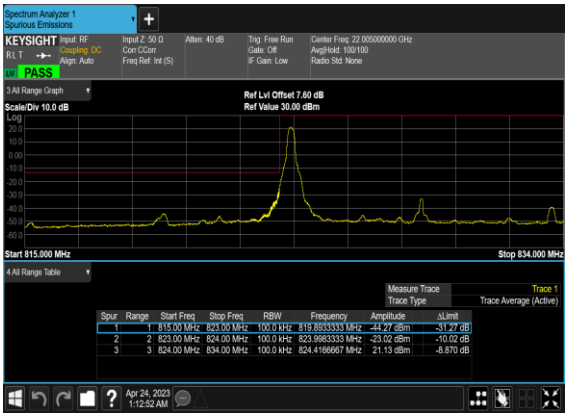


N26(5M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH

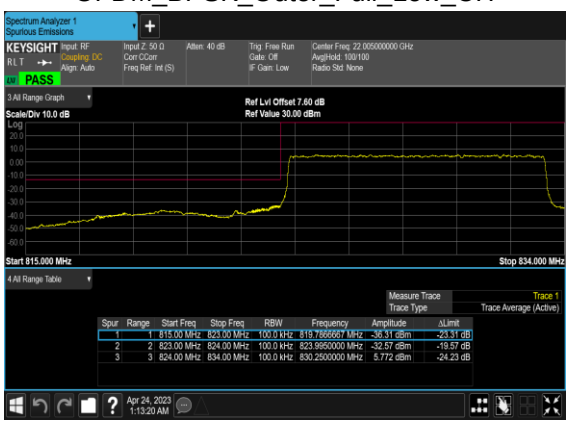
N26(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



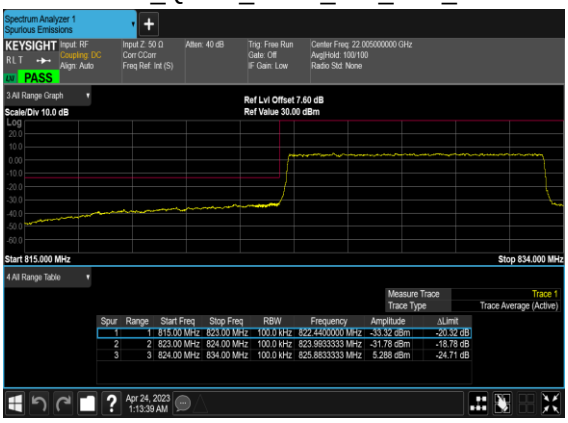
N26(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



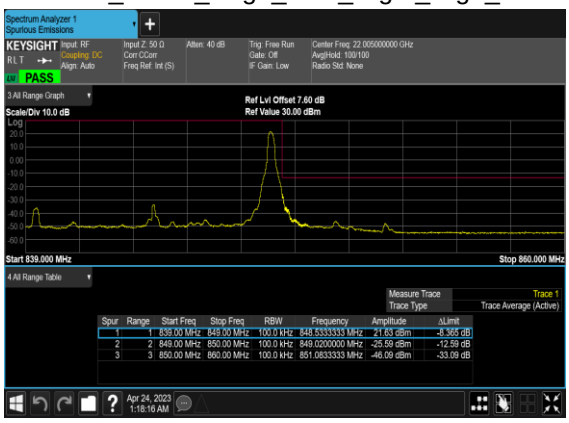
N26(10M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH



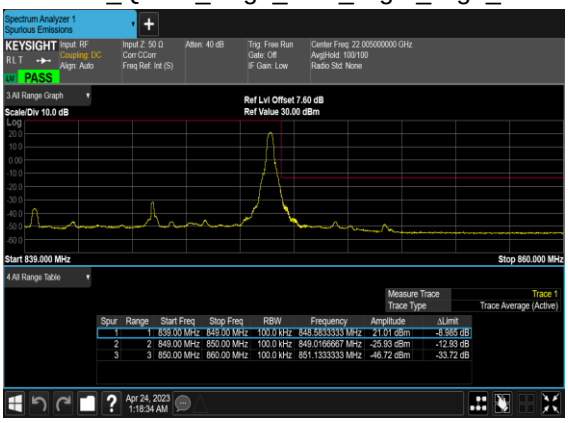
N26(10M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH



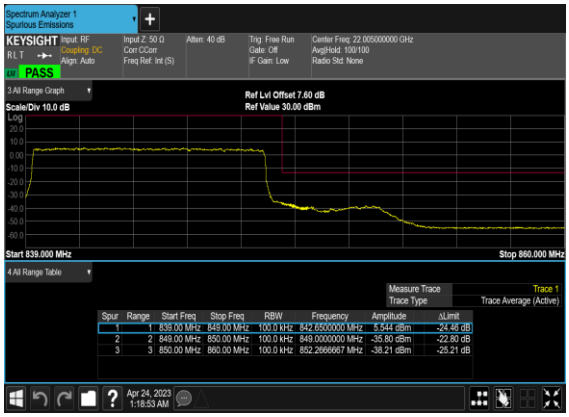
N26(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH



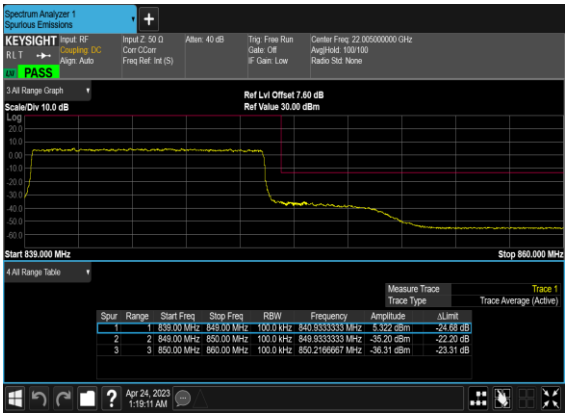
N26(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH



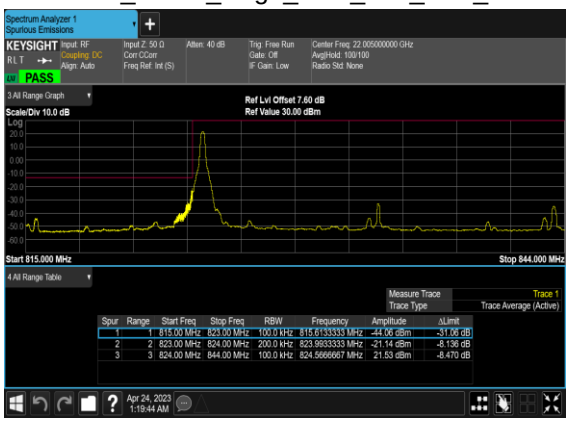
N26(10M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH



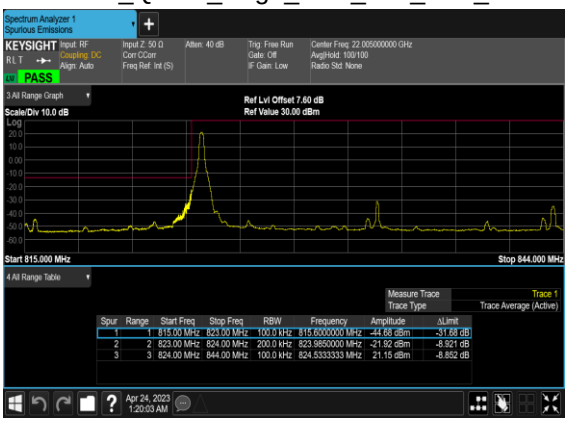
N26(10M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH



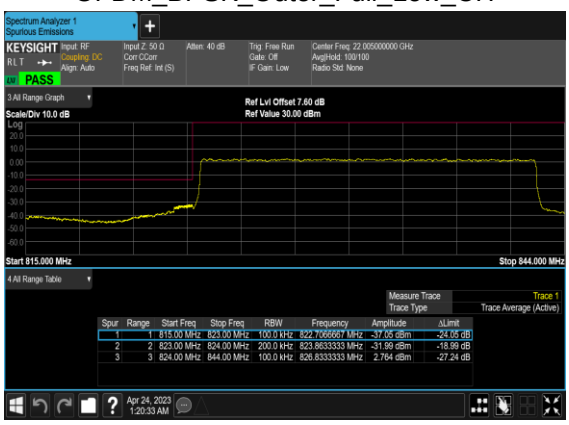
N26(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



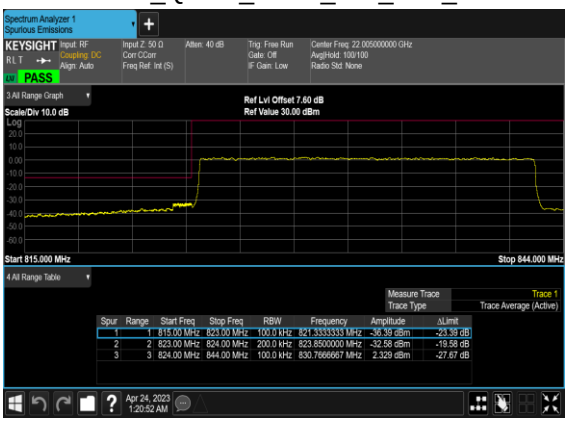
N26(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



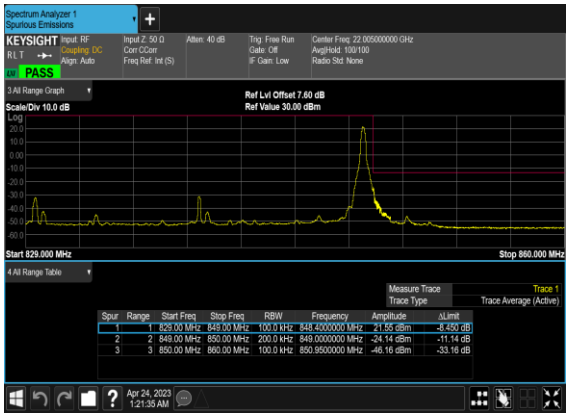
N26(20M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH



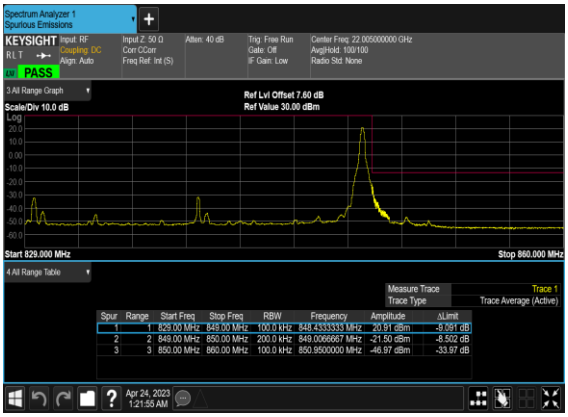
N26(20M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH



N26(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH

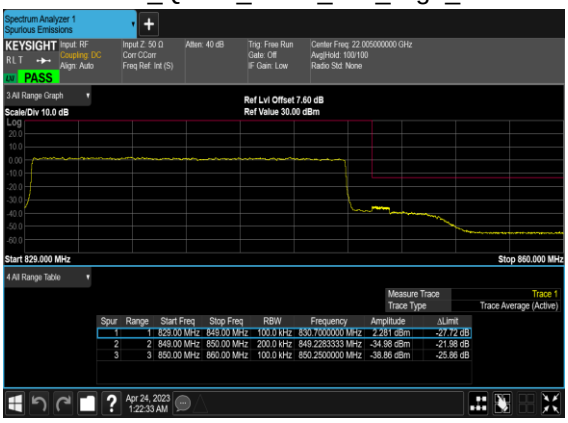


N26(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH



N26(20M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH

N26(20M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH



Software Version: 23.04.1202

FR1 N71(Ant 4)– SCS 15k

Transmitter Conducted Output Power And ERP, (G_T - L_C)=1.09dBi

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	23.53	22.47	0.1766
71	15	5	133100	665.5	DFT-s-OFDM 16 QAM	1@1	22.5	21.44	0.1393
71	15	5	136100	680.5	DFT-s-OFDM QPSK	1@1	23.7	22.64	0.1837
71	15	5	136100	680.5	DFT-s-OFDM 16 QAM	1@1	22.61	21.55	0.1429
71	15	5	139100	695.5	DFT-s-OFDM QPSK	1@1	23.66	22.6	0.1820
71	15	5	139100	695.5	DFT-s-OFDM 16 QAM	1@1	22.63	21.57	0.1435
71	15	10	133600	668	DFT-s-OFDM QPSK	1@1	23.51	22.45	0.1758
71	15	10	133600	668	DFT-s-OFDM 16 QAM	1@1	22.51	21.45	0.1396
71	15	10	136100	680.5	DFT-s-OFDM QPSK	1@1	23.7	22.64	0.1837
71	15	10	136100	680.5	DFT-s-OFDM 16 QAM	1@1	22.61	21.55	0.1429
71	15	10	138600	693	DFT-s-OFDM QPSK	1@1	23.65	22.59	0.1816
71	15	10	138600	693	DFT-s-OFDM 16 QAM	1@1	22.64	21.58	0.1439
71	15	15	134100	670.5	DFT-s-OFDM QPSK	1@1	23.51	22.45	0.1758
71	15	15	134100	670.5	DFT-s-OFDM 16 QAM	1@1	22.56	21.5	0.1413
71	15	15	136100	680.5	DFT-s-OFDM QPSK	1@1	23.59	22.53	0.1791
71	15	15	136100	680.5	DFT-s-OFDM 16 QAM	1@1	22.51	21.45	0.1396
71	15	15	138100	690.5	DFT-s-OFDM QPSK	1@1	23.6	22.54	0.1795
71	15	15	138100	690.5	DFT-s-OFDM 16 QAM	1@1	22.62	21.56	0.1432
71	15	20	134600	673	DFT-s-OFDM PI/2 BPSK	50@25	23.51	22.45	0.1758
71	15	20	134600	673	DFT-s-OFDM PI/2 BPSK	1@1	23.47	22.41	0.1742
71	15	20	134600	673	DFT-s-OFDM PI/2 BPSK	1@104	23.61	22.55	0.1799
71	15	20	134600	673	DFT-s-OFDM QPSK	50@25	23.59	22.53	0.1791
71	15	20	134600	673	DFT-s-OFDM QPSK	1@1	23.56	22.5	0.1778
71	15	20	134600	673	DFT-s-OFDM QPSK	1@104	23.71	22.65	0.1841
71	15	20	134600	673	DFT-s-OFDM 16 QAM	50@25	22.56	21.5	0.1413
71	15	20	134600	673	DFT-s-OFDM 16 QAM	1@1	22.57	21.51	0.1416
71	15	20	134600	673	DFT-s-OFDM 16 QAM	1@104	22.62	21.56	0.1432
71	15	20	134600	673	DFT-s-OFDM 64 QAM	50@25	21.01	19.95	0.0989
71	15	20	134600	673	DFT-s-OFDM 64 QAM	1@1	20.95	19.89	0.0975

71	15	20	134600	673	DFT-s-OFDM 64 QAM	1@104	21.04	19.98	0.0995
71	15	20	134600	673	DFT-s-OFDM 256 QAM	50@25	19.02	17.96	0.0625
71	15	20	134600	673	DFT-s-OFDM 256 QAM	1@1	18.85	17.79	0.0601
71	15	20	134600	673	DFT-s-OFDM 256 QAM	1@104	18.95	17.89	0.0615
71	15	20	134600	673	CP-OFDM QPSK	53@26	22	20.94	0.1242
71	15	20	134600	673	CP-OFDM QPSK	1@1	21.88	20.82	0.1208
71	15	20	134600	673	CP-OFDM QPSK	1@104	22.02	20.96	0.1247
71	15	20	136100	680.5	DFT-s-OFDM PI/2 BPSK	50@25	23.56	22.5	0.1778
71	15	20	136100	680.5	DFT-s-OFDM PI/2 BPSK	1@1	23.45	22.39	0.1734
71	15	20	136100	680.5	DFT-s-OFDM PI/2 BPSK	1@104	23.68	22.62	0.1828
71	15	20	136100	680.5	DFT-s-OFDM QPSK	50@25	23.54	22.48	0.1770
71	15	20	136100	680.5	DFT-s-OFDM QPSK	1@1	23.58	22.52	0.1786
71	15	20	136100	680.5	DFT-s-OFDM QPSK	1@104	23.77	22.71	0.1866
71	15	20	136100	680.5	DFT-s-OFDM 16 QAM	50@25	22.6	21.54	0.1426
71	15	20	136100	680.5	DFT-s-OFDM 16 QAM	1@1	22.63	21.57	0.1435
71	15	20	136100	680.5	DFT-s-OFDM 16 QAM	1@104	22.72	21.66	0.1466
71	15	20	136100	680.5	DFT-s-OFDM 64 QAM	50@25	21.12	20.06	0.1014
71	15	20	136100	680.5	DFT-s-OFDM 64 QAM	1@1	20.94	19.88	0.0973
71	15	20	136100	680.5	DFT-s-OFDM 64 QAM	1@104	21.07	20.01	0.1002
71	15	20	136100	680.5	DFT-s-OFDM 256 QAM	50@25	19.02	17.96	0.0625
71	15	20	136100	680.5	DFT-s-OFDM 256 QAM	1@1	18.85	17.79	0.0601
71	15	20	136100	680.5	DFT-s-OFDM 256 QAM	1@104	18.97	17.91	0.0618
71	15	20	136100	680.5	CP-OFDM QPSK	53@26	22.13	21.07	0.1279
71	15	20	136100	680.5	CP-OFDM QPSK	1@1	21.99	20.93	0.1239
71	15	20	136100	680.5	CP-OFDM QPSK	1@104	22.13	21.07	0.1279
71	15	20	137600	688	DFT-s-OFDM PI/2 BPSK	50@25	23.61	22.55	0.1799
71	15	20	137600	688	DFT-s-OFDM PI/2 BPSK	1@1	23.57	22.51	0.1782
71	15	20	137600	688	DFT-s-OFDM PI/2 BPSK	1@104	23.51	22.45	0.1758
71	15	20	137600	688	DFT-s-OFDM QPSK	50@25	23.58	22.52	0.1786
71	15	20	137600	688	DFT-s-OFDM QPSK	1@1	22.76	21.7	0.1479
71	15	20	137600	688	DFT-s-OFDM QPSK	1@104	23.67	22.61	0.1824
71	15	20	137600	688	DFT-s-OFDM 16 QAM	50@25	22.64	21.58	0.1439
71	15	20	137600	688	DFT-s-OFDM 16 QAM	1@1	22.62	21.56	0.1432
71	15	20	137600	688	DFT-s-OFDM 16 QAM	1@104	22.58	21.52	0.1419
71	15	20	137600	688	DFT-s-OFDM 64 QAM	50@25	21.1	20.04	0.1009

71	15	20	137600	688	DFT-s-OFDM 64 QAM	1@1	21	19.94	0.0986
71	15	20	137600	688	DFT-s-OFDM 64 QAM	1@104	21.06	20	0.1000
71	15	20	137600	688	DFT-s-OFDM 256 QAM	50@25	19.04	17.98	0.0628
71	15	20	137600	688	DFT-s-OFDM 256 QAM	1@1	18.91	17.85	0.0610
71	15	20	137600	688	DFT-s-OFDM 256 QAM	1@104	18.85	17.79	0.0601
71	15	20	137600	688	CP-OFDM QPSK	53@26	22.17	21.11	0.1291
71	15	20	137600	688	CP-OFDM QPSK	1@1	22.02	20.96	0.1247
71	15	20	137600	688	CP-OFDM QPSK	1@104	21.99	20.93	0.1239

Frequency Stability

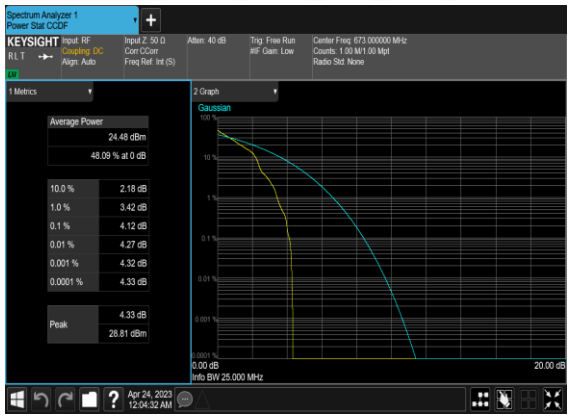
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Deviation (ppm)	Verdict	Environment
71	15	20	136100	680.5	DFT-s-OFDM QPSK	100@0	0.0023	**PASS**	NV
71	15	20	136100	680.5	DFT-s-OFDM QPSK	100@0	0.0025	**PASS**	LV
71	15	20	136100	680.5	DFT-s-OFDM QPSK	100@0	0.0051	**PASS**	HV
71	15	20	136100	680.5	DFT-s-OFDM QPSK	100@0	0.0039	**PASS**	-30℃
71	15	20	136100	680.5	DFT-s-OFDM QPSK	100@0	0.0025	**PASS**	-20℃
71	15	20	136100	680.5	DFT-s-OFDM QPSK	100@0	0.0026	**PASS**	-10℃
71	15	20	136100	680.5	DFT-s-OFDM QPSK	100@0	0.0038	**PASS**	0℃
71	15	20	136100	680.5	DFT-s-OFDM QPSK	100@0	0.0060	**PASS**	10℃
71	15	20	136100	680.5	DFT-s-OFDM QPSK	100@0	0.0023	**PASS**	20℃
71	15	20	136100	680.5	DFT-s-OFDM QPSK	100@0	0.0054	**PASS**	30℃
71	15	20	136100	680.5	DFT-s-OFDM QPSK	100@0	0.0064	**PASS**	40℃
71	15	20	136100	680.5	DFT-s-OFDM QPSK	100@0	0.0032	**PASS**	50℃

Peak to Average Ratio

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result (dB)	Limit (dB)	Verdict
71	15	20	134600	673.0	DFT-s-OFDM PI/2 BPSK	100@0	4.57	13	**PASS**
71	15	20	134600	673.0	DFT-s-OFDM PI/2 BPSK	1@0	4.12	13	**PASS**
71	15	20	134600	673.0	DFT-s-OFDM QPSK	100@0	5.82	13	**PASS**
71	15	20	134600	673.0	DFT-s-OFDM QPSK	1@0	5.06	13	**PASS**
71	15	20	136100	680.5	DFT-s-OFDM PI/2 BPSK	100@0	4.42	13	**PASS**
71	15	20	136100	680.5	DFT-s-OFDM PI/2 BPSK	1@0	4.19	13	**PASS**
71	15	20	136100	680.5	DFT-s-OFDM QPSK	100@0	5.73	13	**PASS**
71	15	20	136100	680.5	DFT-s-OFDM QPSK	1@0	5.16	13	**PASS**
71	15	20	137600	688.0	DFT-s-OFDM PI/2 BPSK	100@0	4.31	13	**PASS**
71	15	20	137600	688.0	DFT-s-OFDM PI/2 BPSK	1@0	4.19	13	**PASS**
71	15	20	137600	688.0	DFT-s-OFDM QPSK	100@0	5.56	13	**PASS**
71	15	20	137600	688.0	DFT-s-OFDM QPSK	1@0	5.79	13	**PASS**

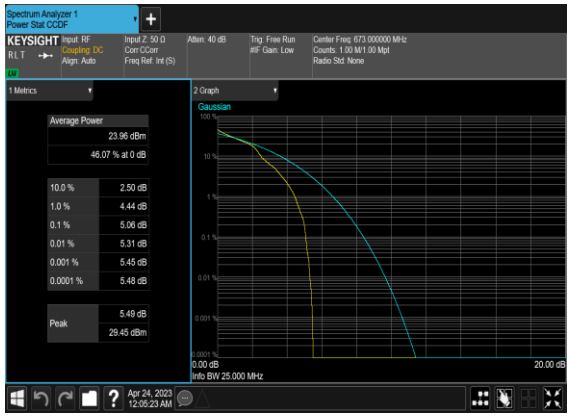
N71(20M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_Low_CH

N71(20M)_DFT-s-OFDM_PI_2-BPSK_Edge_1RB_Left_Low_CH

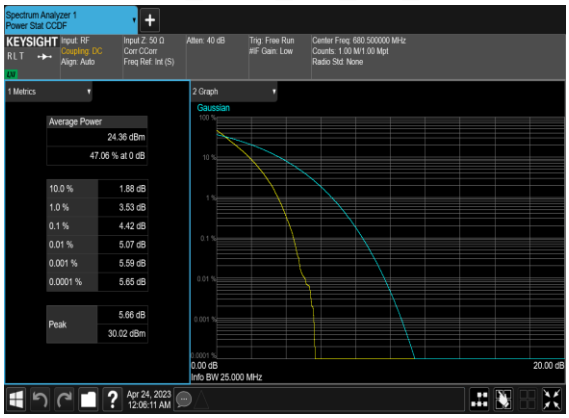


N71(20M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH

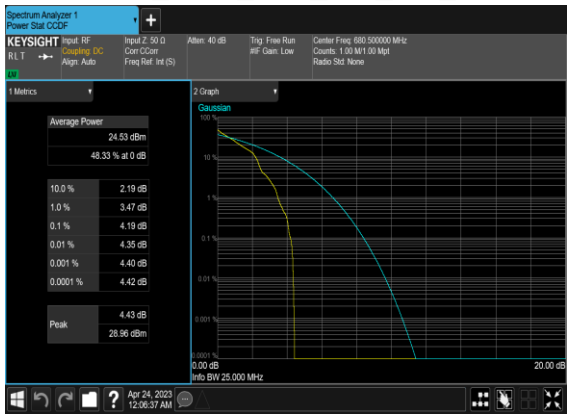
N71(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



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

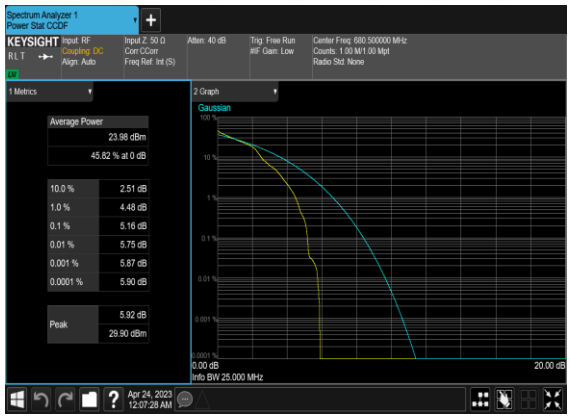


N71(20M)_DFT-s-OFDM_PI_2-BPSK_Edge_1RB_Left_Mid_CH

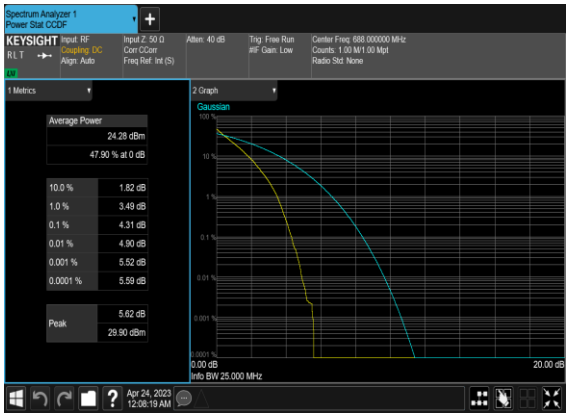


N71(20M)_DFT-s-OFDM_QPSK_Outer_Full_Mid_CH

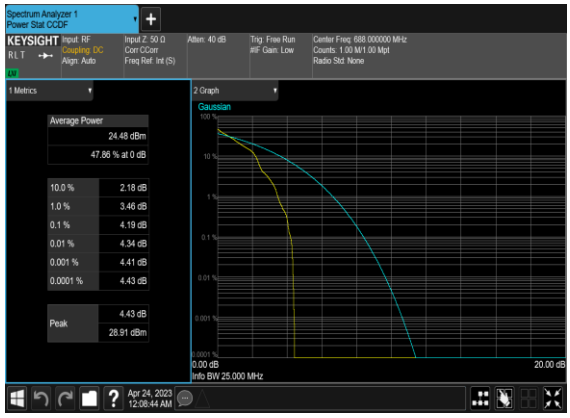
N71(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



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

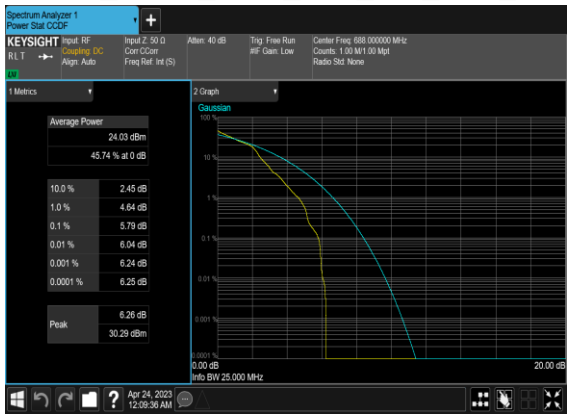


N71(20M)_DFT-s-OFDM_PI_2-BPSK_Edge_1RB_Left_High_CH



N71(20M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH

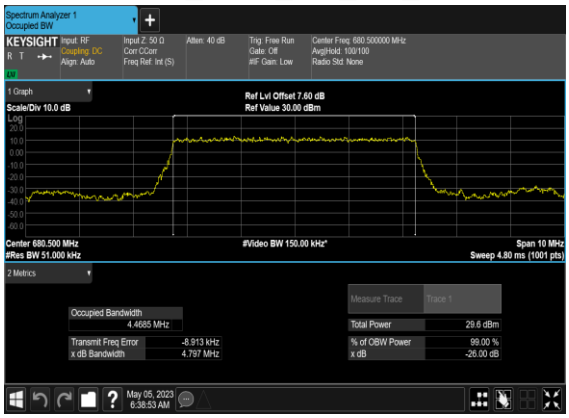
N71(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH



Occupied Bandwidth

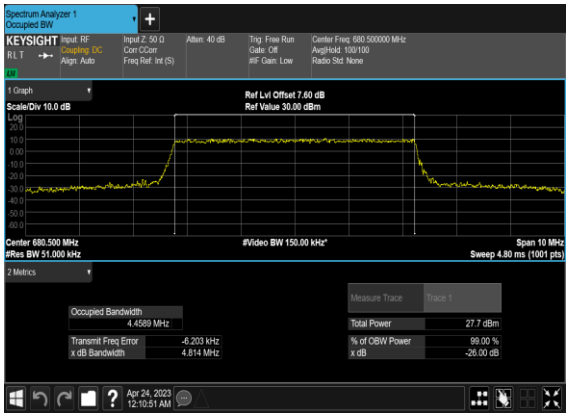
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	OBW (MHz)	26dB BW (MHz)
71	15	5	136100	680.5	DFT-s-OFDM PI/2 BPSK	25@0	4.4685	4.797
71	15	5	136100	680.5	DFT-s-OFDM QPSK	25@0	4.4555	4.794
71	15	5	136100	680.5	CP-OFDM QPSK	25@0	4.4589	4.814
71	15	5	136100	680.5	CP-OFDM 16 QAM	25@0	4.4675	4.799
71	15	5	136100	680.5	CP-OFDM 64 QAM	25@0	4.4684	4.745
71	15	5	136100	680.5	CP-OFDM 256 QAM	25@0	4.4578	4.803
71	15	10	136100	680.5	DFT-s-OFDM PI/2 BPSK	50@0	8.8872	9.32
71	15	10	136100	680.5	DFT-s-OFDM QPSK	50@0	8.8971	9.367
71	15	10	136100	680.5	CP-OFDM QPSK	52@0	9.2843	9.739
71	15	10	136100	680.5	CP-OFDM 16 QAM	52@0	9.2858	9.686
71	15	10	136100	680.5	CP-OFDM 64 QAM	52@0	9.2875	9.669
71	15	10	136100	680.5	CP-OFDM 256 QAM	52@0	9.2821	9.731
71	15	15	136100	680.5	DFT-s-OFDM PI/2 BPSK	75@0	13.358	13.86
71	15	15	136100	680.5	DFT-s-OFDM QPSK	75@0	13.371	13.93
71	15	15	136100	680.5	CP-OFDM QPSK	79@0	14.12	14.68
71	15	15	136100	680.5	CP-OFDM 16 QAM	79@0	14.094	14.66
71	15	15	136100	680.5	CP-OFDM 64 QAM	79@0	14.071	14.64
71	15	15	136100	680.5	CP-OFDM 256 QAM	79@0	14.118	14.71
71	15	20	136100	680.5	DFT-s-OFDM PI/2 BPSK	100@0	17.83	18.6
71	15	20	136100	680.5	DFT-s-OFDM QPSK	100@0	17.852	18.56
71	15	20	136100	680.5	CP-OFDM QPSK	106@0	18.904	19.54
71	15	20	136100	680.5	CP-OFDM 16 QAM	106@0	18.929	19.71
71	15	20	136100	680.5	CP-OFDM 64 QAM	106@0	18.925	19.6
71	15	20	136100	680.5	CP-OFDM 256 QAM	106@0	18.929	19.67

N71(5M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_Mid_CH

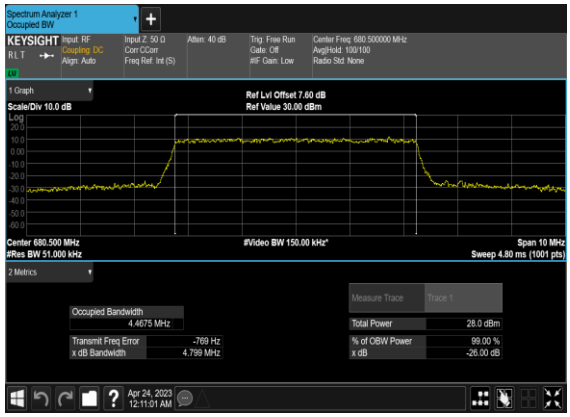


N71(5M)_DFT-s-OFDM_QPSK_Outer_Full_Mid_CH

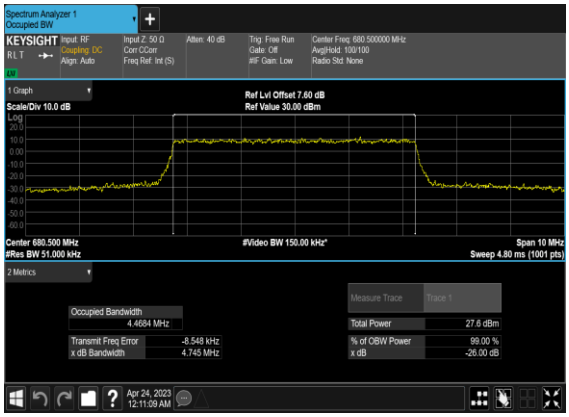
N71(5M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



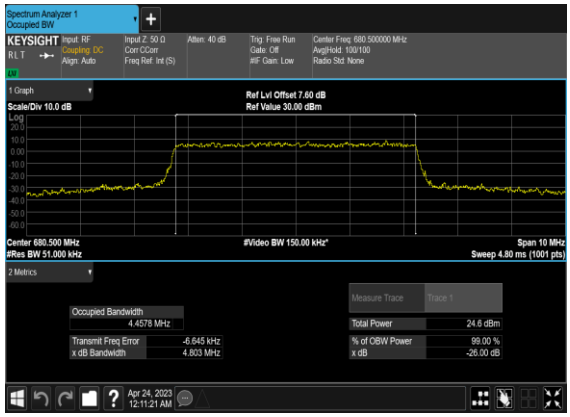
N71(5M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



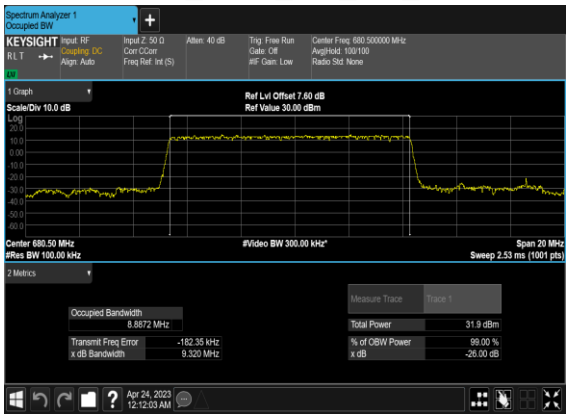
N71(5M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH



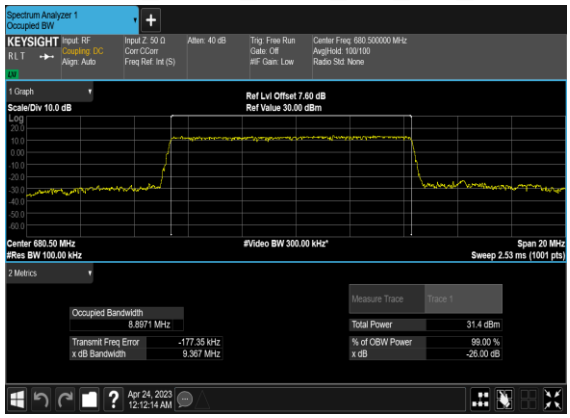
N71(5M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH



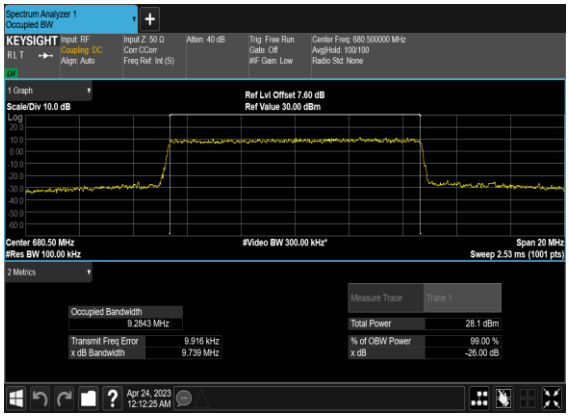
N71(10M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_Mid_CH



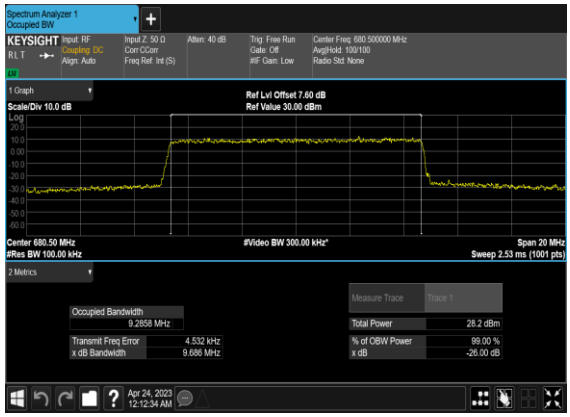
N71(10M)_DFT-s-OFDM_QPSK_Outer_Full_Mid_CH



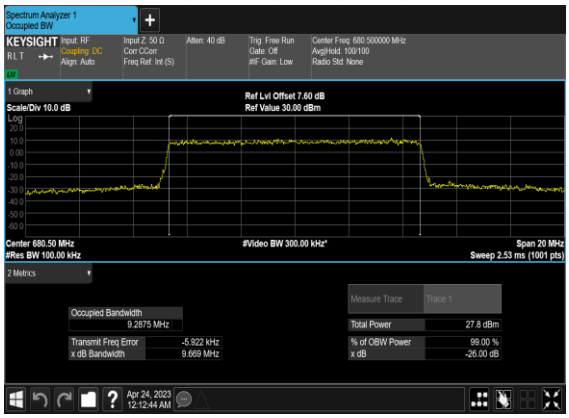
N71(10M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



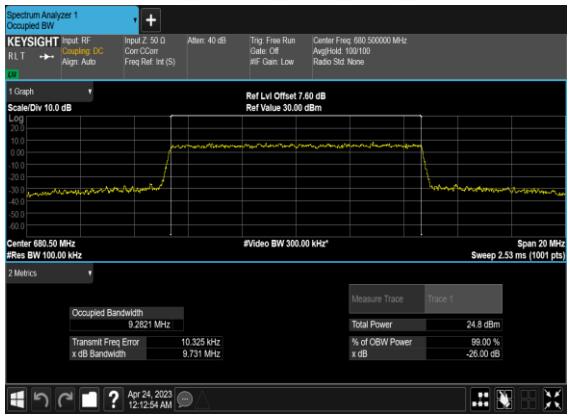
N71(10M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



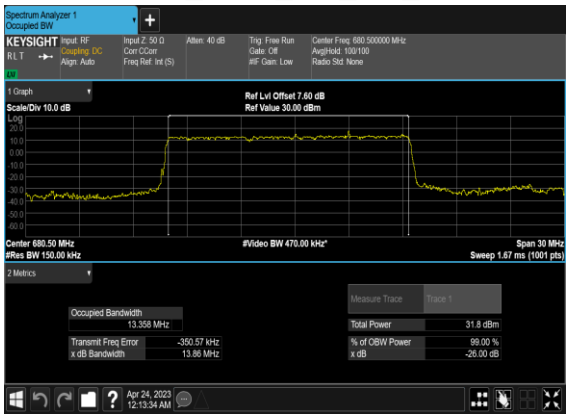
N71(10M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH



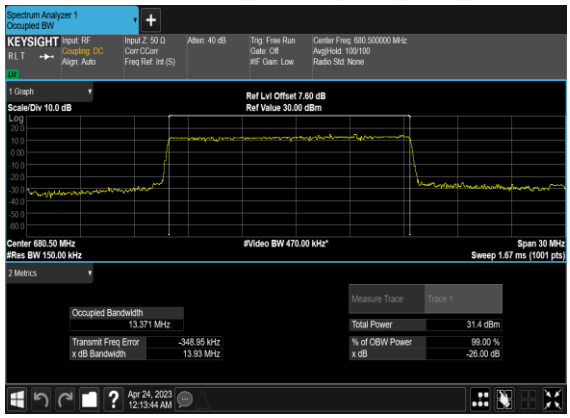
N71(10M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH



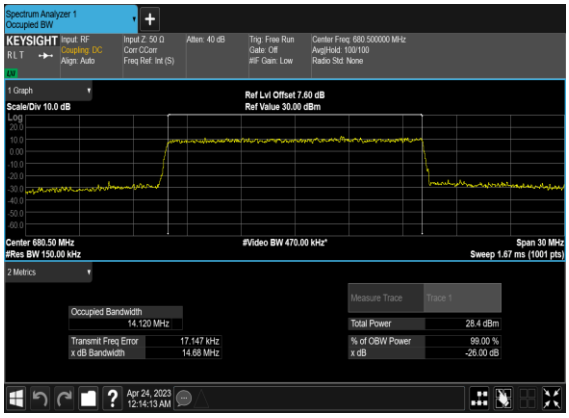
N71(15M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_Mid_CH



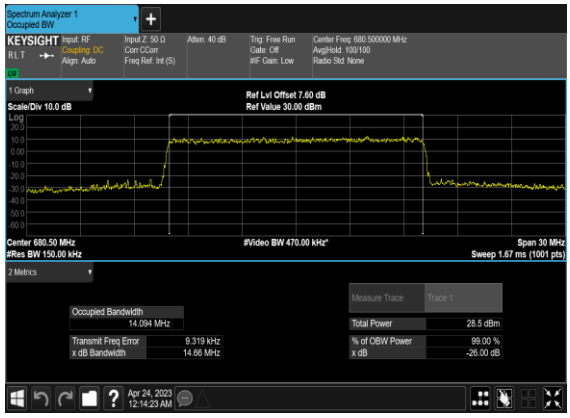
N71(15M)_DFT-s-OFDM_QPSK_Outer_Full_Mid_CH



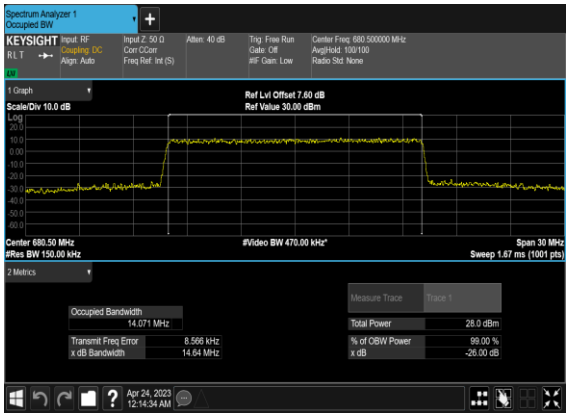
N71(15M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



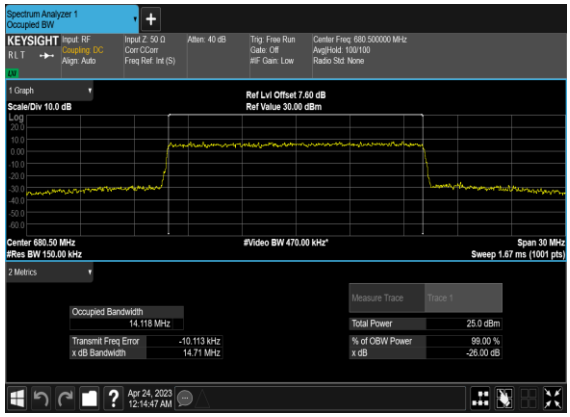
N71(15M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



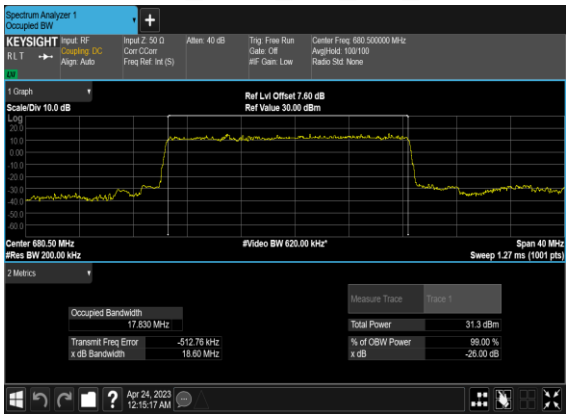
N71(15M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH



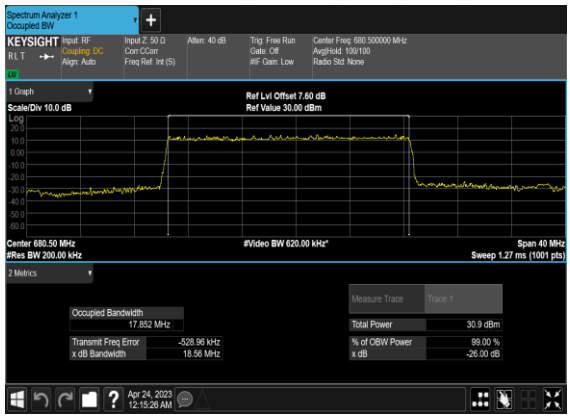
N71(15M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH



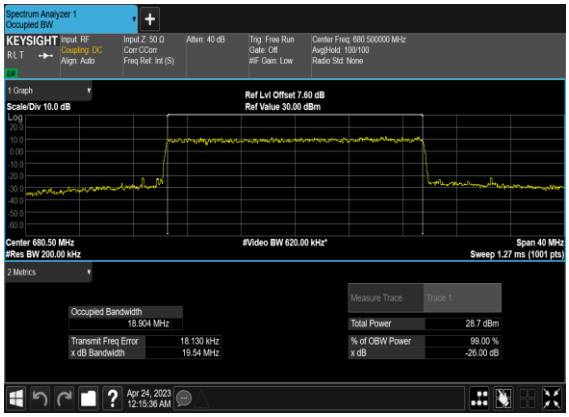
N71(20M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_Mid_CH



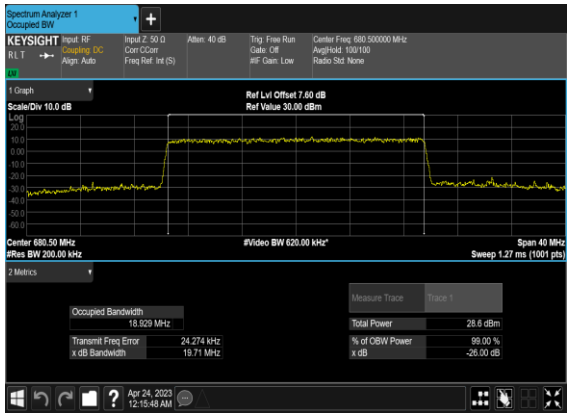
N71(20M)_DFT-s-OFDM_QPSK_Outer_Full_Mid_CH



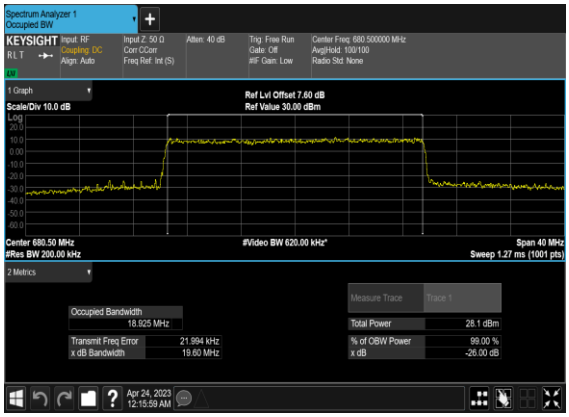
N71(20M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



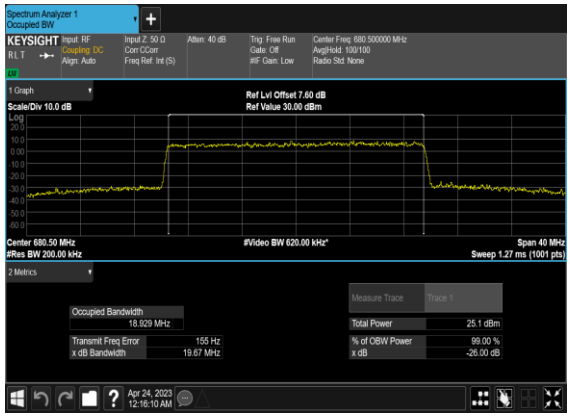
N71(20M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



N71(20M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH



N71(20M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH

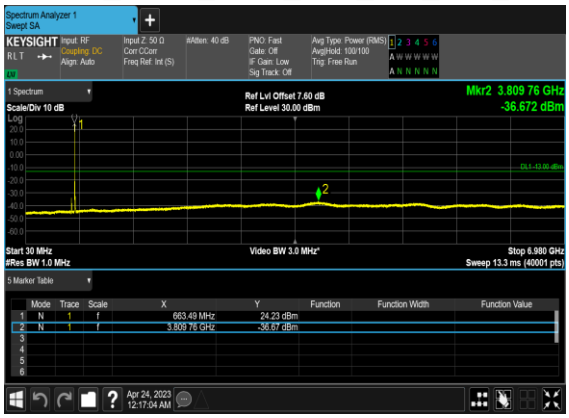


Conducted Spurious Emissions

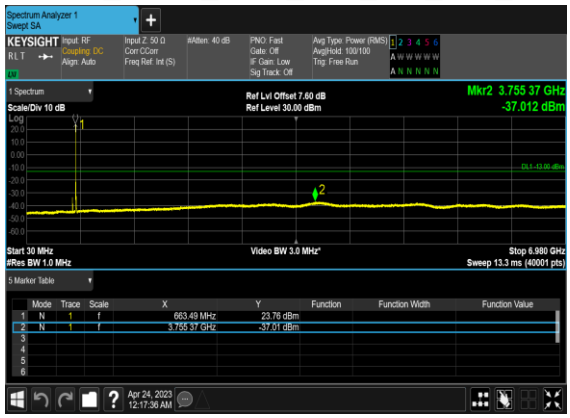
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
71	15	5	133100	665.5	DFT-s-OFDM BPSK	1@0	see graph	**---**
71	15	5	133100	665.5	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
71	15	5	133100	665.5	DFT-s-OFDM QPSK	1@0	see graph	**---**
71	15	5	133100	665.5	DFT-s-OFDM QPSK	1@0	see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

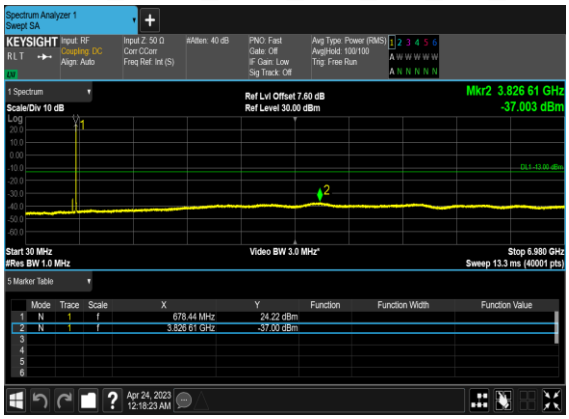
N71(5M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



N71(5M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



N71(5M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH

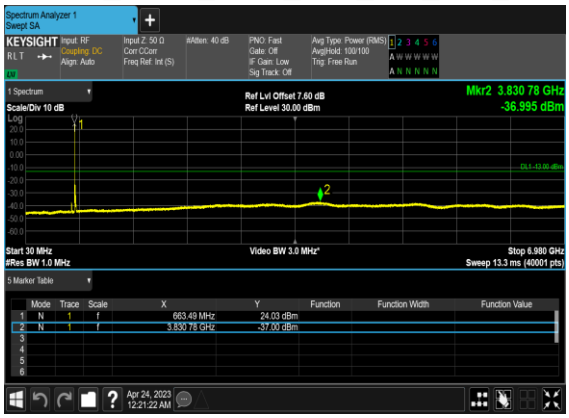


N71(5M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH

N71(5M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH

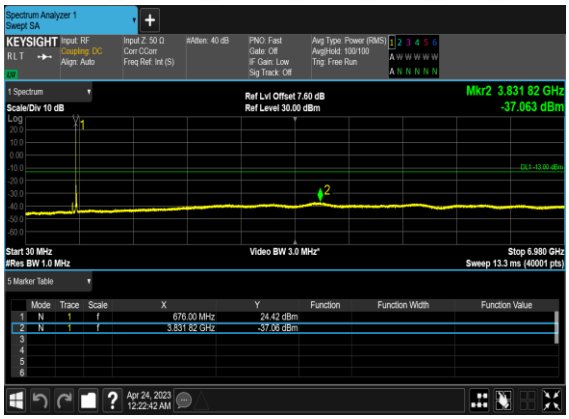
N71(5M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH

N71(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



N71(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH

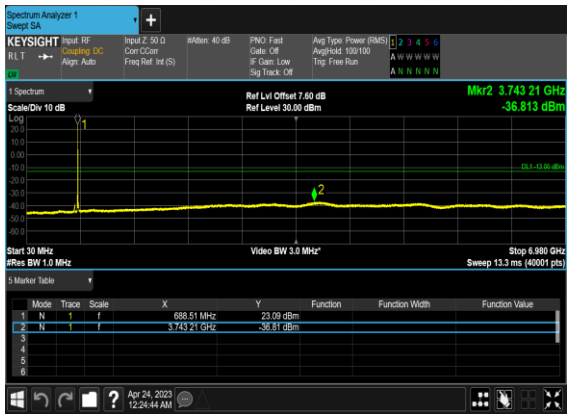
N71(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



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

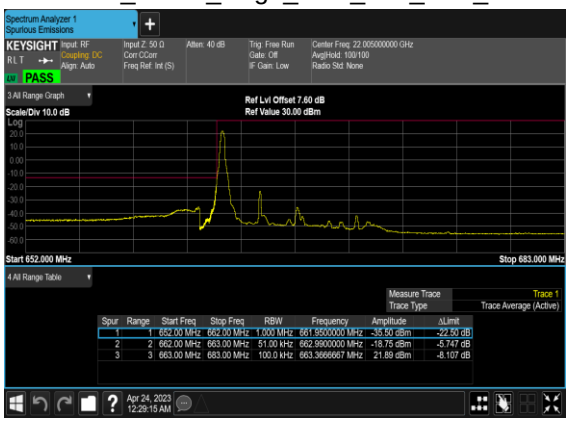
N71(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH

N71(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH

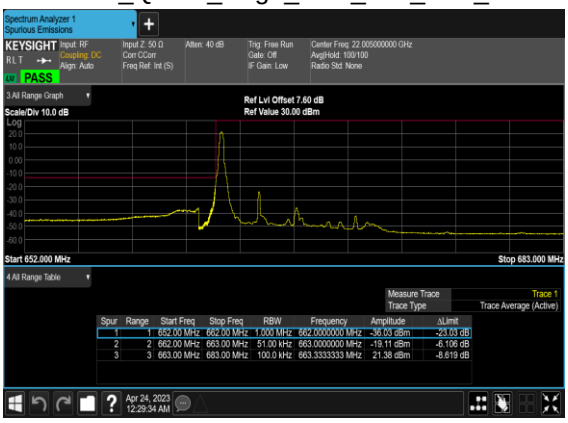
Conducted Band Edge

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**

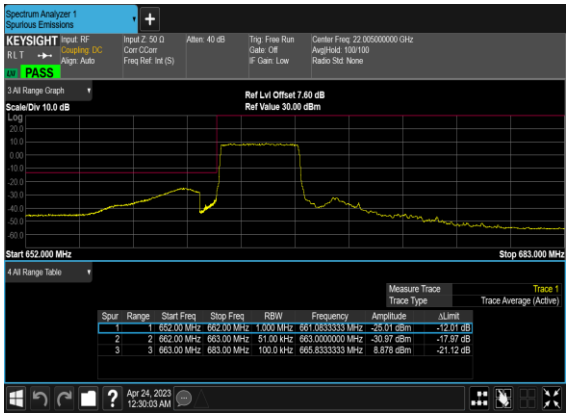
N71(5M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



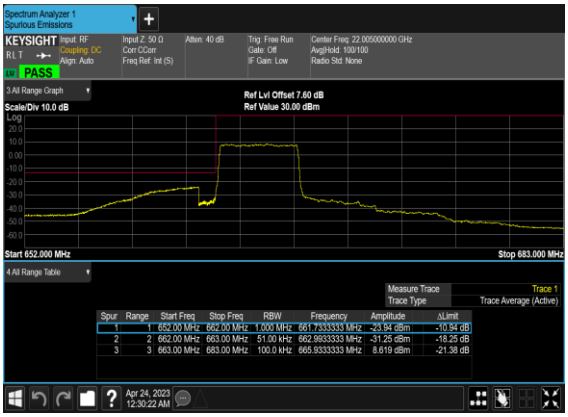
N71(5M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



N71(5M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH

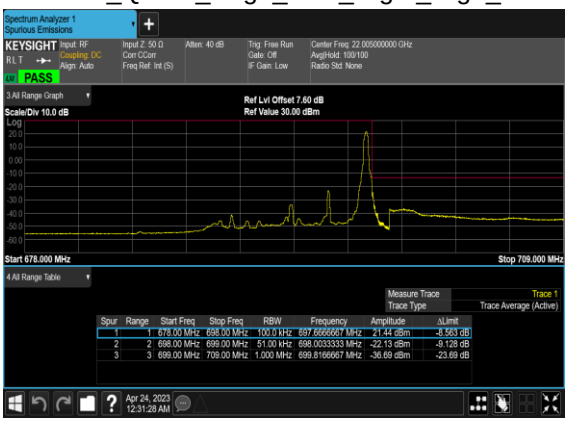


N71(5M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH

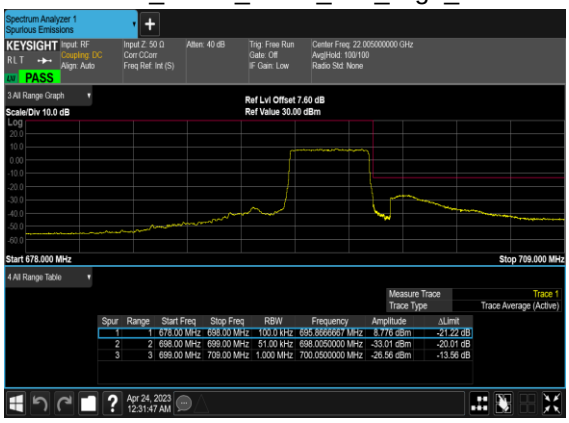


N71(5M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH

N71(5M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH

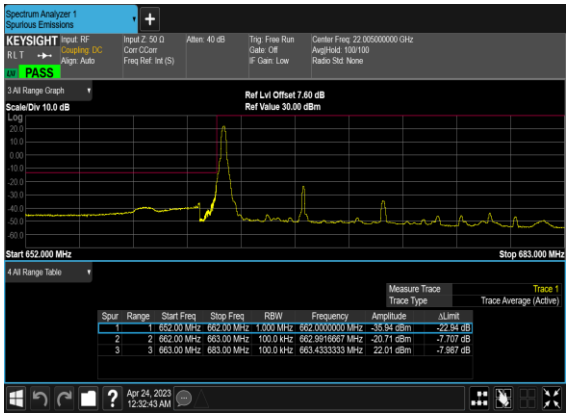


N71(5M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH

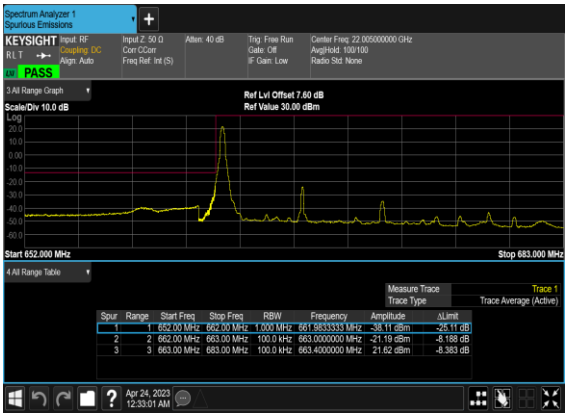


N71(5M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH

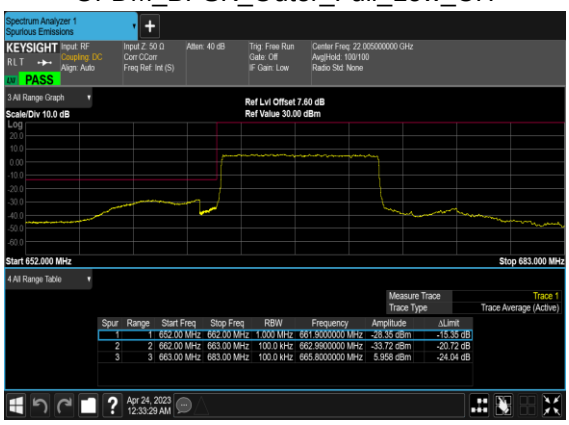
N71(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



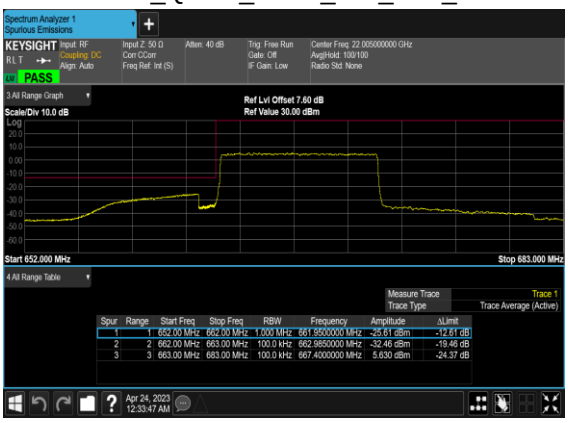
N71(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



N71(10M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH



N71(10M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH

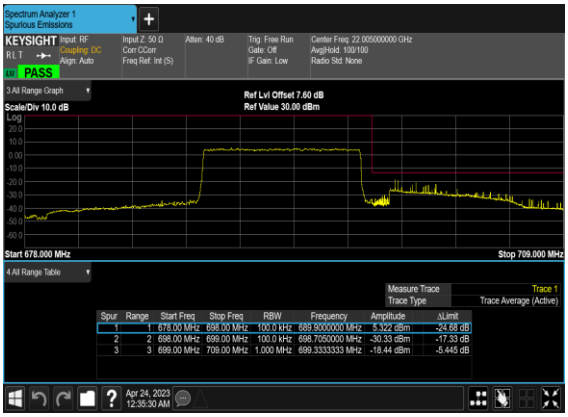


N71(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH

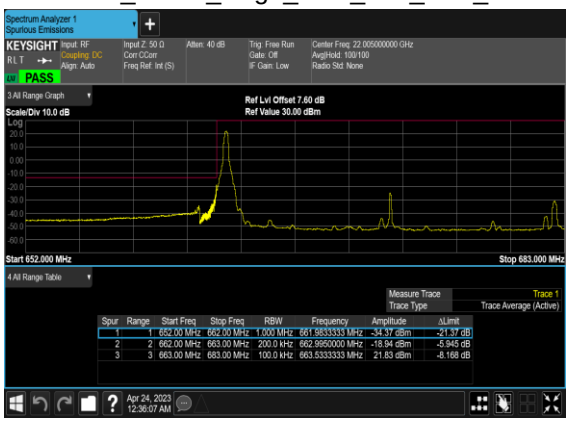
N71(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH

N71(10M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH

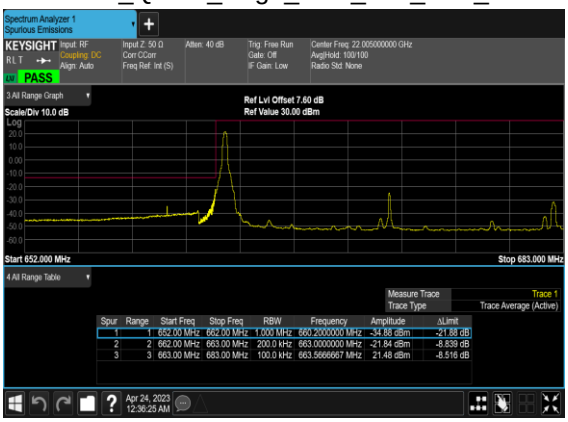
N71(10M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH



N71(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



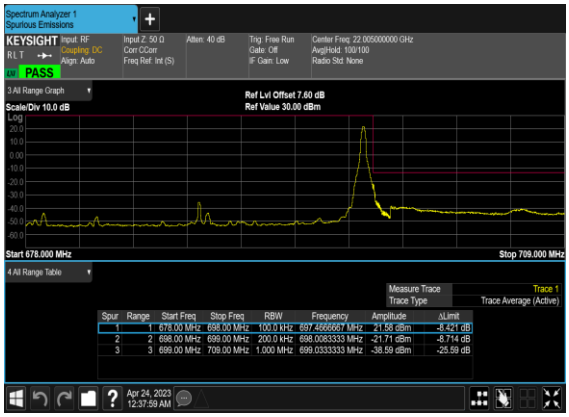
N71(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



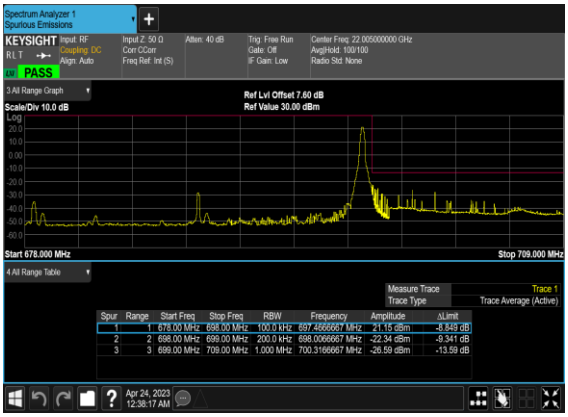
N71(20M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH

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

FR1 ENDC_(n)71AA (Ant4(LTE)+Ant5(NR)) – SCS 15k

Transmitter Conducted Output Power And ERP, (GT - LC)=1.28dBi

NR Band	SCS	Band Width	Arfcn/ RN	Arfcn/ LTE	Freq(MHz)/ NR	Freq(MHz) LTE	Modulation	NR RB	LTE RB	LTE Power	NR Power	Conducted Power (dBm)	ERP(dBm)	ERP(W)
71AA	15	5+15	133100	133247	665.5	675.5	DFT-s-OFDM QPSK	1@1	0@0	-39.66	22.84	22.84	21.97	0.1574
71AA	15	5+15	133100	133247	665.5	675.5	DFT-s-OFDM 16 QAM	1@1	0@0	-39.77	22.86	22.86	21.99	0.1581
71AA	15	5+15	134600	133322	673	683	DFT-s-OFDM QPSK	1@1	0@0	-39.72	22.67	22.67	21.80	0.1514
71AA	15	5+15	134600	133322	673	683	DFT-s-OFDM 16 QAM	1@1	0@0	-39.7	22.78	22.78	21.91	0.1552
71AA	15	5+15	139100	133347	695.5	685.5	DFT-s-OFDM QPSK	1@1	0@0	-39.77	22.77	22.77	21.90	0.1549
71AA	15	5+15	139100	133347	695.5	685.5	DFT-s-OFDM 16 QAM	1@1	0@0	-39.74	22.85	22.85	21.98	0.1578
71AA	15	10+15	133600	133297	668	680.5	DFT-s-OFDM QPSK	1@1	0@0	-39.71	22.81	22.81	21.94	0.1563
71AA	15	10+15	133600	133297	668	680.5	DFT-s-OFDM 16 QAM	1@1	0@0	-39.78	22.93	22.93	22.06	0.1607
71AA	15	10+15	134600	133347	673	685.5	DFT-s-OFDM QPSK	1@1	0@0	-39.75	22.93	22.93	22.06	0.1607
71AA	15	10+15	134600	133347	673	685.5	DFT-s-OFDM 16 QAM	1@1	0@0	-39.65	22.72	22.72	21.85	0.1531
71AA	15	10+15	138600	133297	693	680.5	DFT-s-OFDM QPSK	1@1	0@0	-39.76	22.87	22.87	22.00	0.1585
71AA	15	10+15	138600	133297	693	680.5	DFT-s-OFDM 16 QAM	1@1	0@0	-39.77	22.7	22.70	21.83	0.1524
71AA	15	15+10	134100	133322	670.5	683	DFT-s-OFDM QPSK	1@1	0@0	-39.69	22.82	22.82	21.95	0.1567
71AA	15	15+10	134100	133322	670.5	683	DFT-s-OFDM 16 QAM	1@1	0@0	-39.76	22.9	22.90	22.03	0.1596
71AA	15	15+10	135100	133372	675.5	688	DFT-s-OFDM QPSK	1@1	0@0	-39.67	22.8	22.80	21.93	0.1560
71AA	15	15+10	135100	133372	675.5	688	DFT-s-OFDM 16 QAM	1@1	0@0	-39.79	22.85	22.85	21.98	0.1578
71AA	15	15+10	138100	133272	690.5	678	DFT-s-OFDM QPSK	1@1	0@0	-39.78	22.78	22.78	21.91	0.1552
71AA	15	15+10	138100	133272	690.5	678	DFT-s-OFDM 16 QAM	1@1	0@0	-39.79	22.9	22.90	22.03	0.1596
71AA	15	20+5	134600	133347	673	685.5	DFT-s-OFDM PI/2 BPSK	50@25	0@0	-39.75	22.87	22.87	22.00	0.1585
71AA	15	20+5	134600	133347	673	685.5	DFT-s-OFDM PI/2 BPSK	1@1	0@0	-39.71	22.68	22.68	21.81	0.1517
71AA	15	20+5	134600	133347	673	685.5	DFT-s-OFDM PI/2 BPSK	1@104	0@0	-39.74	22.67	22.67	21.80	0.1514
71AA	15	20+5	134600	133347	673	685.5	DFT-s-OFDM QPSK	50@25	0@0	-39.64	22.9	22.90	22.03	0.1596
71AA	15	20+5	134600	133347	673	685.5	DFT-s-OFDM QPSK	1@1	0@0	-39.71	22.68	22.68	21.81	0.1517
71AA	15	20+5	134600	133347	673	685.5	DFT-s-OFDM QPSK	1@104	0@0	-39.68	22.93	22.93	22.06	0.1607
71AA	15	20+5	134600	133347	673	685.5	DFT-s-OFDM 16 QAM	50@25	0@0	-39.78	22.94	22.94	22.07	0.1611
71AA	15	20+5	134600	133347	673	685.5	DFT-s-OFDM 16 QAM	1@1	0@0	-39.73	22.91	22.91	22.04	0.1600
71AA	15	20+5	134600	133347	673	685.5	DFT-s-OFDM 16 QAM	1@104	0@0	-39.64	22.94	22.94	22.07	0.1611
71AA	15	20+5	134600	133347	673	685.5	DFT-s-OFDM 64 QAM	50@25	0@0	-39.76	22.8	22.80	21.93	0.1560
71AA	15	20+5	134600	133347	673	685.5	DFT-s-OFDM 64 QAM	1@1	0@0	-39.68	22.76	22.76	21.89	0.1545
71AA	15	20+5	134600	133347	673	685.5	DFT-s-OFDM 64 QAM	1@104	0@0	-39.7	22.74	22.74	21.87	0.1538
71AA	15	20+5	134600	133347	673	685.5	DFT-s-OFDM 256 QAM	50@25	0@0	-39.63	22.67	22.67	21.80	0.1514
71AA	15	20+5	134600	133347	673	685.5	DFT-s-OFDM 256 QAM	1@1	0@0	-39.76	22.94	22.94	22.07	0.1611
71AA	15	20+5	134600	133347	673	685.5	DFT-s-OFDM 256 QAM	1@104	0@0	-39.72	22.75	22.75	21.88	0.1542
71AA	15	20+5	134600	133347	673	685.5	CP-OFDM QPSK	53@26	0@0	-39.77	22.84	22.84	21.97	0.1574
71AA	15	20+5	134600	133347	673	685.5	CP-OFDM QPSK	1@1	0@0	-39.74	22.74	22.74	21.87	0.1538
71AA	15	20+5	134600	133347	673	685.5	CP-OFDM QPSK	1@104	0@0	-39.79	22.93	22.93	22.06	0.1607
71AA	15	20+5	135600	133397	678	690	DFT-s-OFDM PI/2 BPSK	50@25	0@0	-39.72	22.88	22.88	22.01	0.1589
71AA	15	20+5	135600	133397	678	690	DFT-s-OFDM PI/2 BPSK	1@1	0@0	-39.68	22.9	22.90	22.03	0.1596
71AA	15	20+5	135600	133397	678	690	DFT-s-OFDM PI/2 BPSK	1@104	0@0	-39.63	22.73	22.73	21.86	0.1535

71AA	15	20+5	135600	133397	678	690	DFT-s-OFDM QPSK	50@25	0@0	-39.78	22.95	22.95	22.08	0.1614
71AA	15	20+5	135600	133397	678	690	DFT-s-OFDM QPSK	1@1	0@0	-39.7	22.93	22.93	22.06	0.1607
71AA	15	20+5	135600	133397	678	690	DFT-s-OFDM QPSK	1@104	0@0	-39.73	22.71	22.71	21.84	0.1528
71AA	15	20+5	135600	133397	678	690	DFT-s-OFDM 16 QAM	50@25	0@0	-39.76	22.89	22.89	22.02	0.1592
71AA	15	20+5	135600	133397	678	690	DFT-s-OFDM 16 QAM	1@1	0@0	-39.72	22.92	22.92	22.05	0.1603
71AA	15	20+5	135600	133397	678	690	DFT-s-OFDM 16 QAM	1@104	0@0	-39.79	22.82	22.82	21.95	0.1567
71AA	15	20+5	135600	133397	678	690	DFT-s-OFDM 64 QAM	50@25	0@0	-39.75	22.71	22.71	21.84	0.1528
71AA	15	20+5	135600	133397	678	690	DFT-s-OFDM 64 QAM	1@1	0@0	-39.67	22.8	22.80	21.93	0.1560
71AA	15	20+5	135600	133397	678	690	DFT-s-OFDM 64 QAM	1@104	0@0	-39.73	22.73	22.73	21.86	0.1535
71AA	15	20+5	135600	133397	678	690	DFT-s-OFDM 256 QAM	50@25	0@0	-39.63	22.77	22.77	21.90	0.1549
71AA	15	20+5	135600	133397	678	690	DFT-s-OFDM 256 QAM	1@1	0@0	-39.78	22.73	22.73	21.86	0.1535
71AA	15	20+5	135600	133397	678	690	DFT-s-OFDM 256 QAM	1@104	0@0	-39.78	22.95	22.95	22.08	0.1614
71AA	15	20+5	135600	133397	678	690	CP-OFDM QPSK	53@26	0@0	-39.76	22.8	22.80	21.93	0.1560
71AA	15	20+5	135600	133397	678	690	CP-OFDM QPSK	1@1	0@0	-39.64	22.68	22.68	21.81	0.1517
71AA	15	20+5	135600	133397	678	690	CP-OFDM QPSK	1@104	0@0	-39.69	22.8	22.80	21.93	0.1560
71AA	15	20+5	137600	133247	688	675.5	DFT-s-OFDM PI/2 BPSK	50@25	0@0	-39.65	22.71	22.71	21.84	0.1528
71AA	15	20+5	137600	133247	688	675.5	DFT-s-OFDM PI/2 BPSK	1@1	0@0	-39.67	22.73	22.73	21.86	0.1535
71AA	15	20+5	137600	133247	688	675.5	DFT-s-OFDM PI/2 BPSK	1@104	0@0	-39.76	22.89	22.89	22.02	0.1592
71AA	15	20+5	137600	133247	688	675.5	DFT-s-OFDM QPSK	50@25	0@0	-39.77	23.12	23.12	22.25	0.1679
71AA	15	20+5	137600	133247	688	675.5	DFT-s-OFDM QPSK	1@1	0@0	-39.69	22.7	22.70	21.83	0.1524
71AA	15	20+5	137600	133247	688	675.5	DFT-s-OFDM QPSK	1@104	0@0	-39.73	22.71	22.71	21.84	0.1528
71AA	15	20+5	137600	133247	688	675.5	DFT-s-OFDM 16 QAM	50@25	0@0	-39.73	22.74	22.74	21.87	0.1538
71AA	15	20+5	137600	133247	688	675.5	DFT-s-OFDM 16 QAM	1@1	0@0	-39.67	22.75	22.75	21.88	0.1542
71AA	15	20+5	137600	133247	688	675.5	DFT-s-OFDM 16 QAM	1@104	0@0	-39.71	22.82	22.82	21.95	0.1567
71AA	15	20+5	137600	133247	688	675.5	DFT-s-OFDM 64 QAM	50@25	0@0	-39.64	22.93	22.93	22.06	0.1607
71AA	15	20+5	137600	133247	688	675.5	DFT-s-OFDM 64 QAM	1@1	0@0	-39.68	22.72	22.72	21.85	0.1531
71AA	15	20+5	137600	133247	688	675.5	DFT-s-OFDM 64 QAM	1@104	0@0	-39.73	22.89	22.89	22.02	0.1592
71AA	15	20+5	137600	133247	688	675.5	DFT-s-OFDM 256 QAM	50@25	0@0	-39.77	22.94	22.94	22.07	0.1611
71AA	15	20+5	137600	133247	688	675.5	DFT-s-OFDM 256 QAM	1@1	0@0	-39.7	22.82	22.82	21.95	0.1567
71AA	15	20+5	137600	133247	688	675.5	DFT-s-OFDM 256 QAM	1@104	0@0	-39.66	22.94	22.94	22.07	0.1611
71AA	15	20+5	137600	133247	688	675.5	CP-OFDM QPSK	53@26	0@0	-39.7	22.93	22.93	22.06	0.1607
71AA	15	20+5	137600	133247	688	675.5	CP-OFDM QPSK	1@1	0@0	-39.69	22.79	22.79	21.92	0.1556
71AA	15	20+5	137600	133247	688	675.5	CP-OFDM QPSK	1@104	0@0	-39.72	22.85	22.85	21.98	0.1578

Peak-to-Average Ratio

Mode	FR1 n71AA / 20MHz / DFT-S OFDM				
Mod.	PI/2 BPSK	PI/2 BPSK	QPSK	QPSK	Limit: 13dB
RB Size	1RB	Full RB	1RB	Full RB	Result
Lowest CH	6.06	6.38	5.97	6.2	PASS
Middle CH	5.97	6.09	5.86	6.41	
Highest CH	6.12	6.17	6.03	6.38	