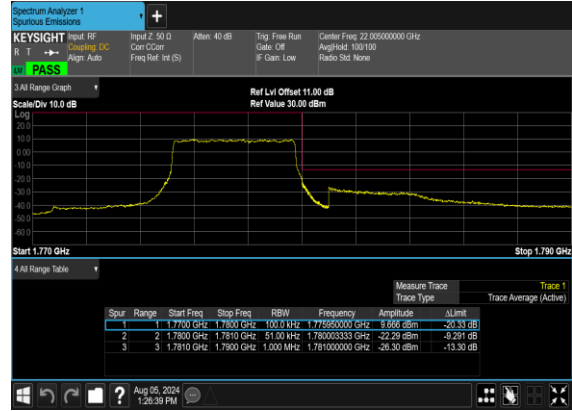




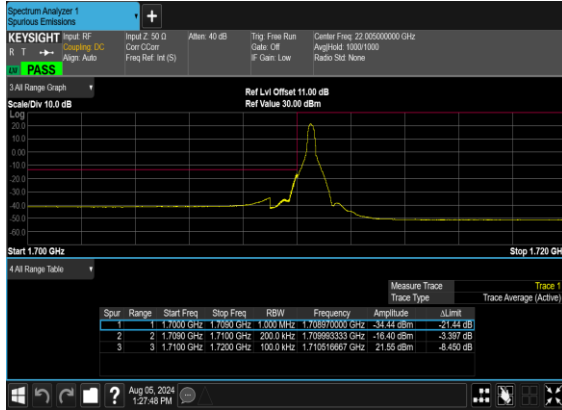
N66(5M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH



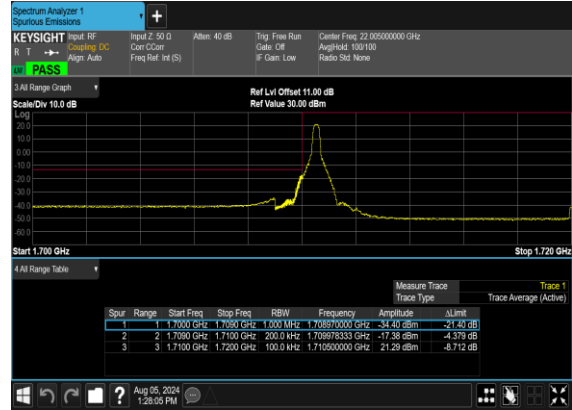
N66(5M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH



N66(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH

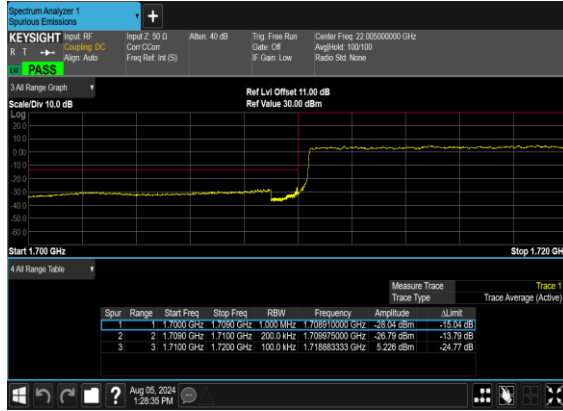


N66(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH

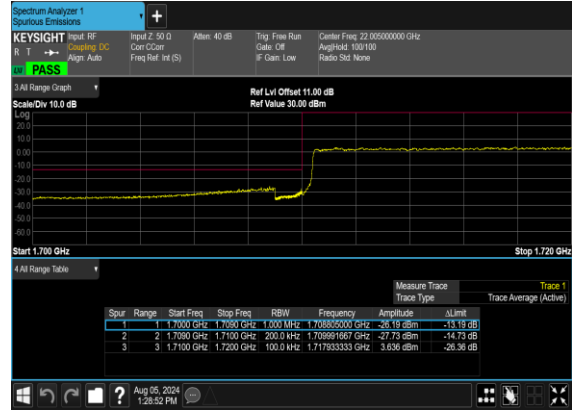




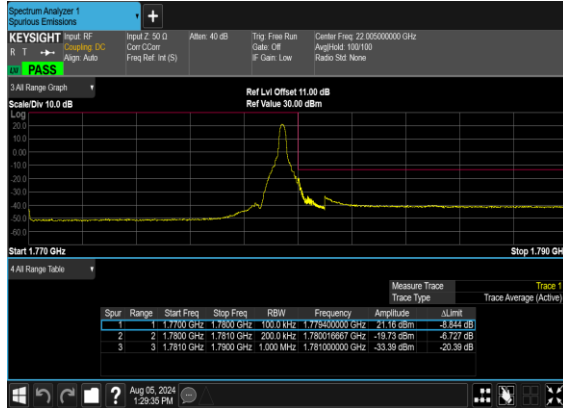
N66(20M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH



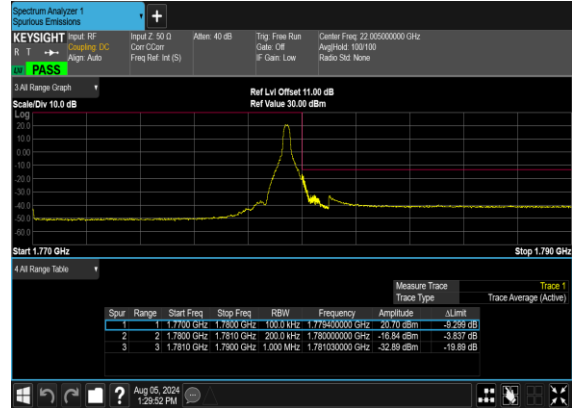
N66(20M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH



N66(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH



N66(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH

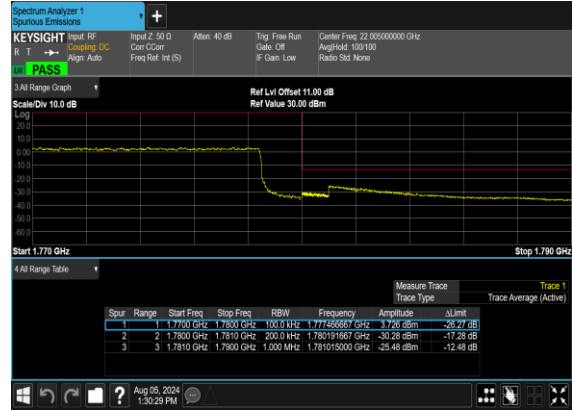




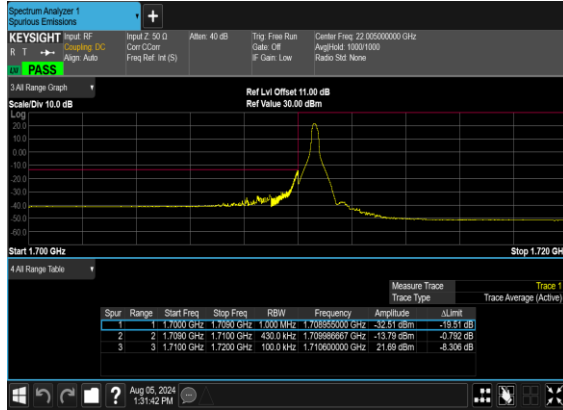
N66(20M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH



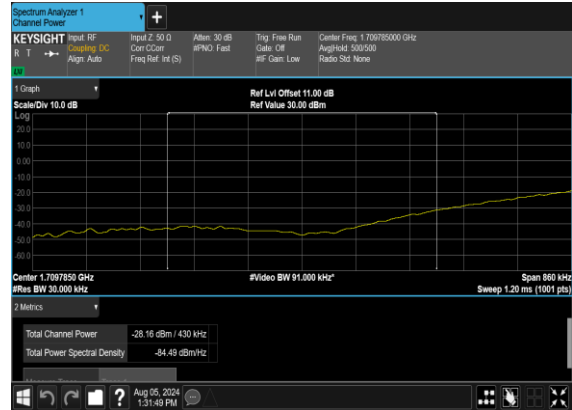
N66(20M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH



N66(40M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH

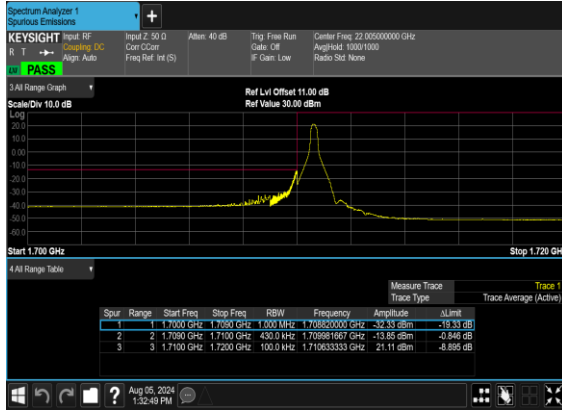


N66(40M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH_CHP_PASS

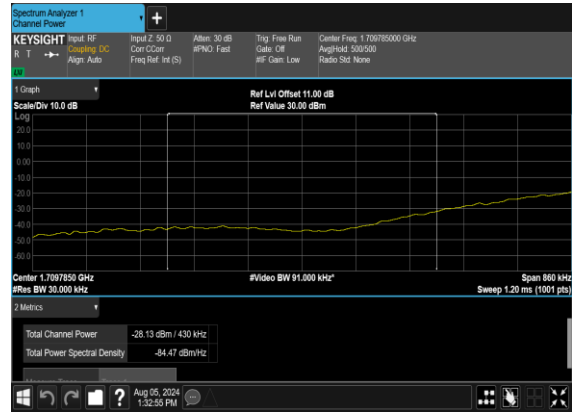




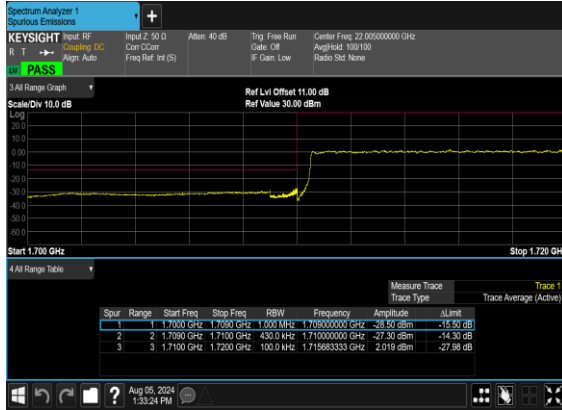
N66(40M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



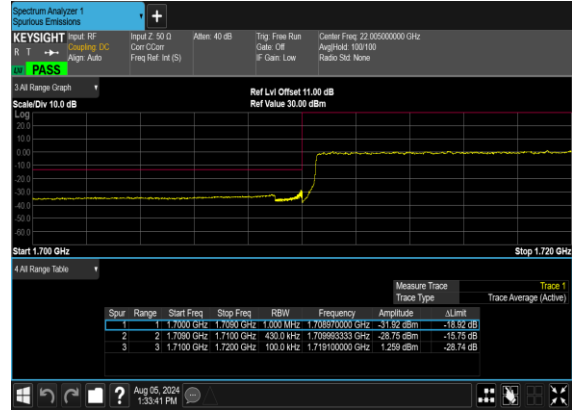
N66(40M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH_CHP_PASS



N66(40M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH

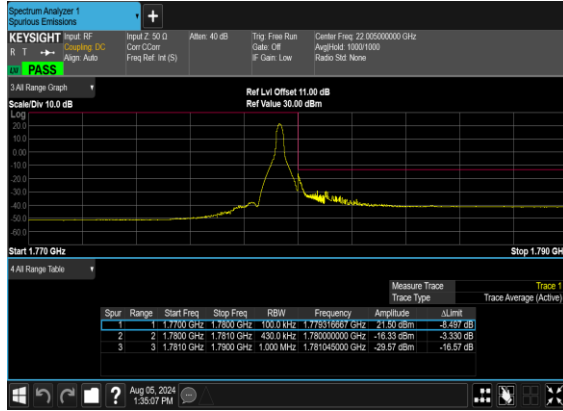


N66(40M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH

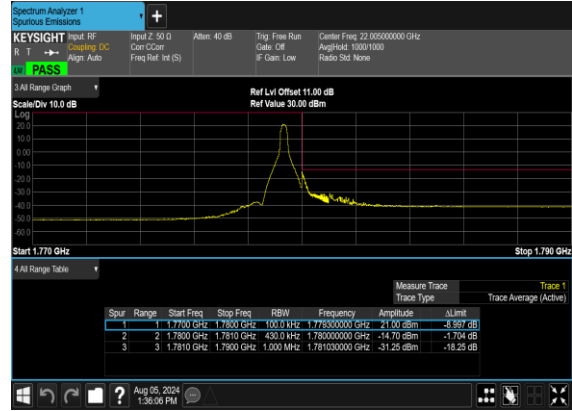




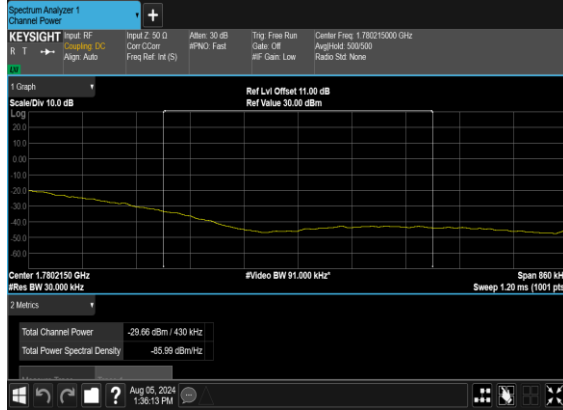
N66(40M)_DFT-s-
OFDM_BPSK_Edge_1RB_Right_High_CH



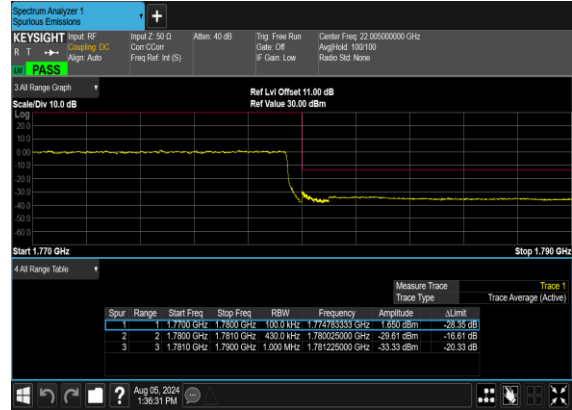
N66(40M)_DFT-s-
OFDM_QPSK_Edge_1RB_Right_High_CH



N66(40M)_DFT-s-
OFDM_QPSK_Edge_1RB_Right_High_CH
_PASS

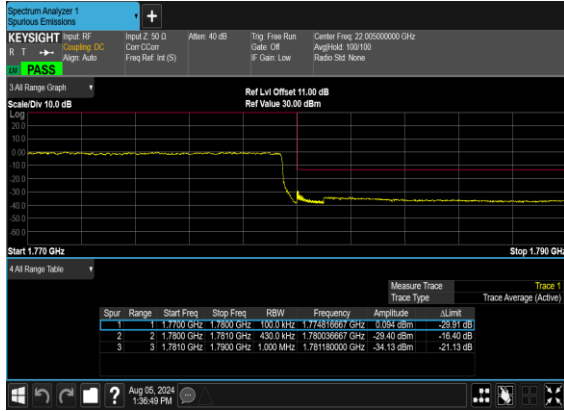


N66(40M)_DFT-s-
OFDM_BPSK_Outer_Full_High_CH





N66(40M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH





Software Version: 23.06.1602

FR1 N70

Transmitter Conducted Output Power And EIRP, (G_T - L_C)=-2.86dBi

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Conducted Power(dBm)	EIRP (dBm)	EIRP (W)
70	15	5	339500	1697.5	DFT-s-OFDM QPSK	1@1	24	21.14	0.1300
70	15	5	339500	1697.5	DFT-s-OFDM 16 QAM	1@1	23.18	20.32	0.1076
70	15	5	340500	1702.5	DFT-s-OFDM QPSK	1@1	24	21.14	0.1300
70	15	5	340500	1702.5	DFT-s-OFDM 16 QAM	1@1	23.23	20.37	0.1089
70	15	5	341500	1707.5	DFT-s-OFDM QPSK	1@1	24.06	21.2	0.1318
70	15	5	341500	1707.5	DFT-s-OFDM 16 QAM	1@1	23.23	20.37	0.1089
70	15	10	340000	1700	DFT-s-OFDM QPSK	1@1	24.2	21.34	0.1361
70	15	10	340000	1700	DFT-s-OFDM 16 QAM	1@1	23.21	20.35	0.1084
70	15	10	340500	1702.5	DFT-s-OFDM QPSK	1@1	24.22	21.36	0.1368
70	15	10	340500	1702.5	DFT-s-OFDM 16 QAM	1@1	23.18	20.32	0.1076
70	15	10	341000	1705	DFT-s-OFDM QPSK	1@1	24.16	21.3	0.1349
70	15	10	341000	1705	DFT-s-OFDM 16 QAM	1@1	23.3	20.44	0.1107
70	15	15	340500	1702.5	DFT-s-OFDM PI/2 BPSK	36@18	24.71	21.85	0.1531
70	15	15	340500	1702.5	DFT-s-OFDM PI/2 BPSK	1@1	24.52	21.66	0.1466
70	15	15	340500	1702.5	DFT-s-OFDM PI/2 BPSK	1@77	24.59	21.73	0.1489
70	15	15	340500	1702.5	DFT-s-OFDM QPSK	36@18	24.24	21.38	0.1374
70	15	15	340500	1702.5	DFT-s-OFDM QPSK	1@1	24.02	21.16	0.1306
70	15	15	340500	1702.5	DFT-s-OFDM QPSK	1@77	24.08	21.22	0.1324



70	15	15	340500	1702.5	DFT-s-OFDM 16 QAM	36@18	23.15	20.29	0.1069
70	15	15	340500	1702.5	DFT-s-OFDM 16 QAM	1@1	23.21	20.35	0.1084
70	15	15	340500	1702.5	DFT-s-OFDM 16 QAM	1@77	23.32	20.46	0.1112
70	15	15	340500	1702.5	DFT-s-OFDM 64 QAM	36@18	21.68	18.82	0.0762
70	15	15	340500	1702.5	DFT-s-OFDM 64 QAM	1@1	21.85	18.99	0.0793
70	15	15	340500	1702.5	DFT-s-OFDM 64 QAM	1@77	21.68	18.82	0.0762
70	15	15	340500	1702.5	DFT-s-OFDM 256 QAM	36@18	19.03	16.17	0.0414
70	15	15	340500	1702.5	DFT-s-OFDM 256 QAM	1@1	18.97	16.11	0.0408
70	15	15	340500	1702.5	DFT-s-OFDM 256 QAM	1@77	18.88	16.02	0.0400
70	15	15	340500	1702.5	CP-OFDM QPSK	39@19	22.69	19.83	0.0962
70	15	15	340500	1702.5	CP-OFDM QPSK	1@1	22.72	19.86	0.0968
70	15	15	340500	1702.5	CP-OFDM QPSK	1@77	22.56	19.7	0.0933



Frequency Stability

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Deviation (ppm)	Verdict	Environment
70	15	10	340500	1702.5	DFT-s-OFDM QPSK	50@0	0.0044	PASS	NV
70	15	10	340500	1702.5	DFT-s-OFDM QPSK	50@0	0.0029	PASS	LV
70	15	10	340500	1702.5	DFT-s-OFDM QPSK	50@0	0.0068	PASS	HV
70	15	10	340500	1702.5	DFT-s-OFDM QPSK	50@0	0.0048	PASS	-30°C
70	15	10	340500	1702.5	DFT-s-OFDM QPSK	50@0	0.0042	PASS	-20°C
70	15	10	340500	1702.5	DFT-s-OFDM QPSK	50@0	0.0033	PASS	-10°C
70	15	10	340500	1702.5	DFT-s-OFDM QPSK	50@0	0.0061	PASS	0°C
70	15	10	340500	1702.5	DFT-s-OFDM QPSK	50@0	0.0069	PASS	10°C
70	15	10	340500	1702.5	DFT-s-OFDM QPSK	50@0	0.0044	PASS	20°C
70	15	10	340500	1702.5	DFT-s-OFDM QPSK	50@0	0.0062	PASS	30°C
70	15	10	340500	1702.5	DFT-s-OFDM QPSK	50@0	0.0042	PASS	40°C
70	15	10	340500	1702.5	DFT-s-OFDM QPSK	50@0	0.0023	PASS	50°C



Peak to Average Ratio

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result (dB)	Limit (dB)	Verdict
70	15	10	340500	1702.5	DFT-s-OFDM PI/2 BPSK	50@0	4.08	13	PASS
70	15	10	340500	1702.5	DFT-s-OFDM QPSK	50@0	5.08	13	PASS



N70(10M)_DFT-s-OFDM_PI_2-
BPSK_Outer_Full_Mid_CH

N70(10M)_DFT-s-
OFDM_QPSK_Outer_Full_Mid_CH



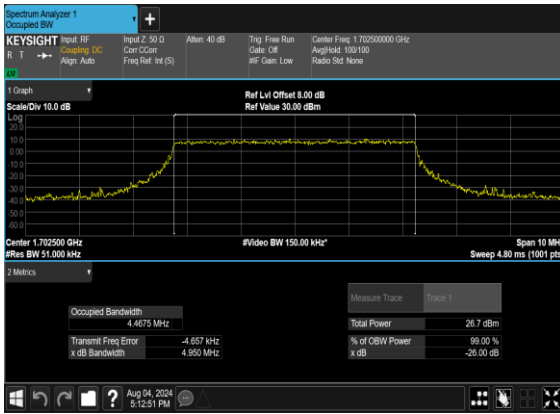


Occupied Bandwidth

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	OBW (MHz)	26dB BW (MHz)
70	15	5	340500	1702.5	CP-OFDM QPSK	25@0	4.4675	4.95
70	15	5	340500	1702.5	CP-OFDM 16 QAM	25@0	4.4826	5.045
70	15	5	340500	1702.5	CP-OFDM 64 QAM	25@0	4.4649	4.926
70	15	5	340500	1702.5	CP-OFDM 256 QAM	25@0	4.4831	5.118
70	15	10	340500	1702.5	CP-OFDM QPSK	52@0	9.296	9.992
70	15	10	340500	1702.5	CP-OFDM 16 QAM	52@0	9.3054	10.03
70	15	10	340500	1702.5	CP-OFDM 64 QAM	52@0	9.2742	10.0
70	15	10	340500	1702.5	CP-OFDM 256 QAM	52@0	9.2929	10.06
70	15	15	340500	1702.5	CP-OFDM QPSK	79@0	14.101	14.78
70	15	15	340500	1702.5	CP-OFDM 16 QAM	79@0	14.097	14.87
70	15	15	340500	1702.5	CP-OFDM 64 QAM	79@0	14.123	15.01
70	15	15	340500	1702.5	CP-OFDM 256 QAM	79@0	14.083	14.84



N70(5M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



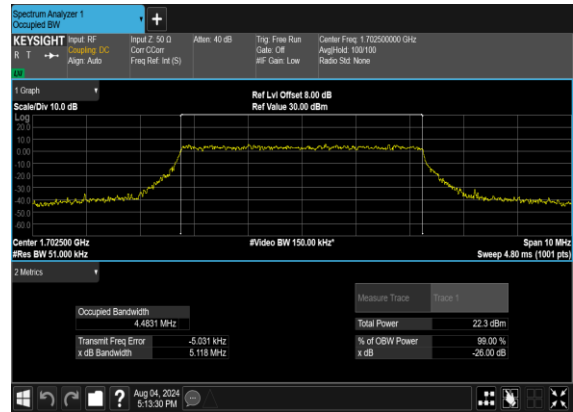
N70(5M)_CP-OFDM_16QAM_Outer_Full_Mid_CH



N70(5M)_CP-OFDM_64QAM_Outer_Full_Mid_CH



N70(5M)_CP-OFDM_256QAM_Outer_Full_Mid_CH





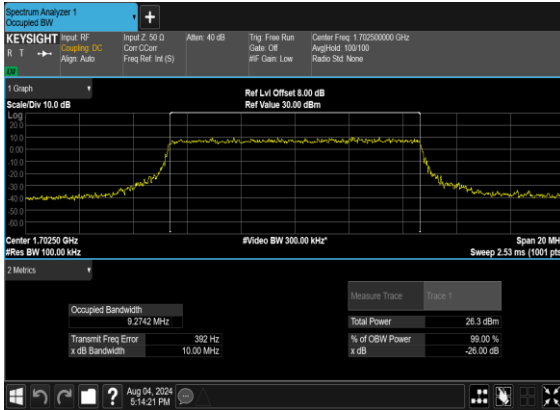
N70(10M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



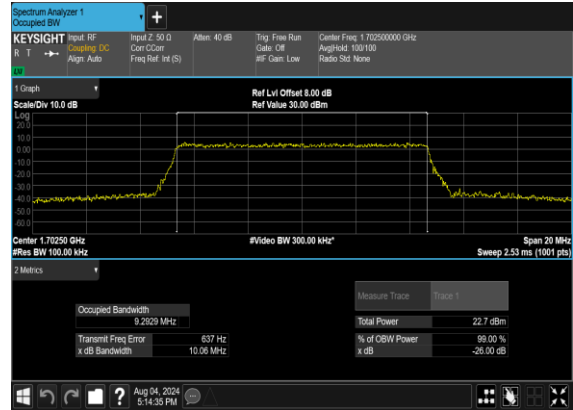
N70(10M)_CP-OFDM_16QAM_Outer_Full_Mid_CH



N70(10M)_CP-OFDM_64QAM_Outer_Full_Mid_CH



N70(10M)_CP-OFDM_256QAM_Outer_Full_Mid_CH





N70(15M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



N70(15M)_CP-OFDM_16QAM_Outer_Full_Mid_CH



N70(15M)_CP-OFDM_64QAM_Outer_Full_Mid_CH



N70(15M)_CP-OFDM_256QAM_Outer_Full_Mid_CH





Conducted Spurious Emissions

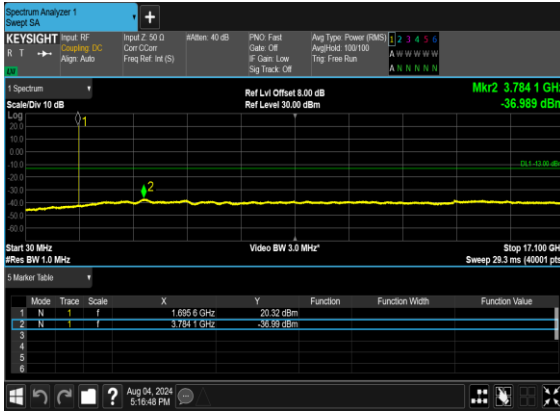
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
70	15	5	339500	1697.5	DFT-s-OFDM BPSK	1@0	see graph	---
70	15	5	339500	1697.5	DFT-s-OFDM BPSK	1@0	see graph	PASS
70	15	5	339500	1697.5	DFT-s-OFDM QPSK	1@0	see graph	---
70	15	5	339500	1697.5	DFT-s-OFDM QPSK	1@0	see graph	PASS
70	15	5	340500	1702.5	DFT-s-OFDM BPSK	1@0	see graph	---
70	15	5	340500	1702.5	DFT-s-OFDM BPSK	1@0	see graph	PASS
70	15	5	340500	1702.5	DFT-s-OFDM QPSK	1@0	see graph	---
70	15	5	340500	1702.5	DFT-s-OFDM QPSK	1@0	see graph	PASS
70	15	5	341500	1707.5	DFT-s-OFDM BPSK	1@0	see graph	---
70	15	5	341500	1707.5	DFT-s-OFDM BPSK	1@0	see graph	PASS
70	15	5	341500	1707.5	DFT-s-OFDM QPSK	1@0	see graph	---
70	15	5	341500	1707.5	DFT-s-OFDM QPSK	1@0	see graph	PASS
70	15	10	340000	1700.0	DFT-s-OFDM BPSK	1@0	see graph	---
70	15	10	340000	1700.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
70	15	10	340000	1700.0	DFT-s-OFDM QPSK	1@0	see graph	---
70	15	10	340000	1700.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
70	15	10	340500	1702.5	DFT-s-OFDM BPSK	1@0	see graph	---
70	15	10	340500	1702.5	DFT-s-OFDM BPSK	1@0	see graph	PASS
70	15	10	340500	1702.5	DFT-s-OFDM QPSK	1@0	see graph	---
70	15	10	340500	1702.5	DFT-s-OFDM QPSK	1@0	see graph	PASS



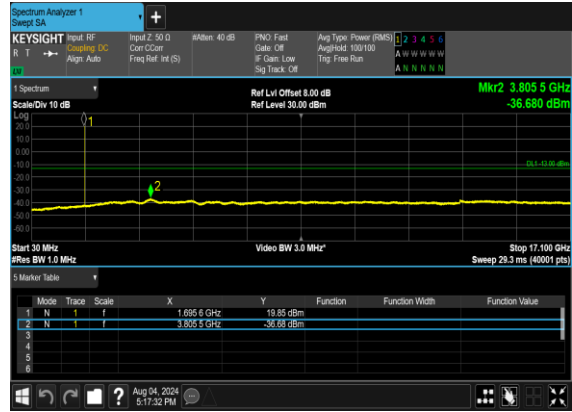
70	15	10	341000	1705.0	DFT-s-OFDM BPSK	1@0	see graph	---
70	15	10	341000	1705.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
70	15	10	341000	1705.0	DFT-s-OFDM QPSK	1@0	see graph	---
70	15	10	341000	1705.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
70	15	15	340500	1702.5	DFT-s-OFDM BPSK	1@0	see graph	---
70	15	15	340500	1702.5	DFT-s-OFDM BPSK	1@0	see graph	PASS
70	15	15	340500	1702.5	DFT-s-OFDM QPSK	1@0	see graph	---
70	15	15	340500	1702.5	DFT-s-OFDM QPSK	1@0	see graph	PASS



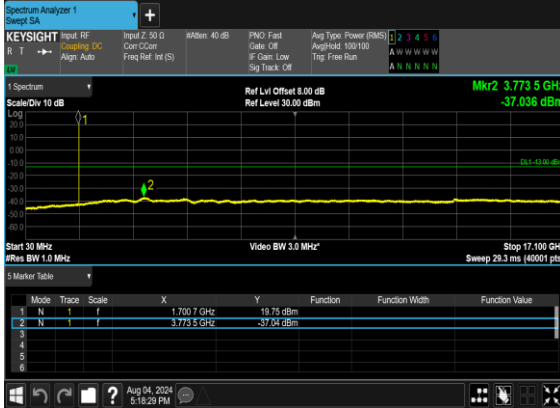
N70(5M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



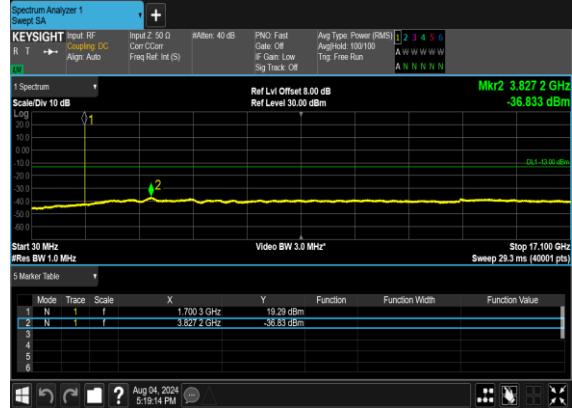
N70(5M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



N70(5M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH

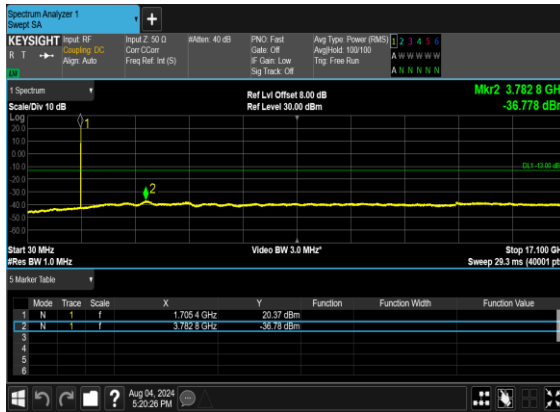


N70(5M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH

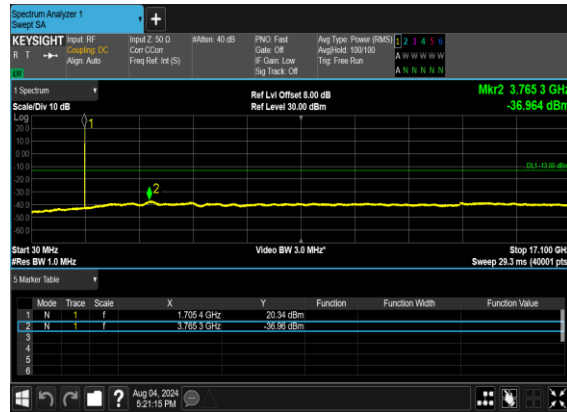




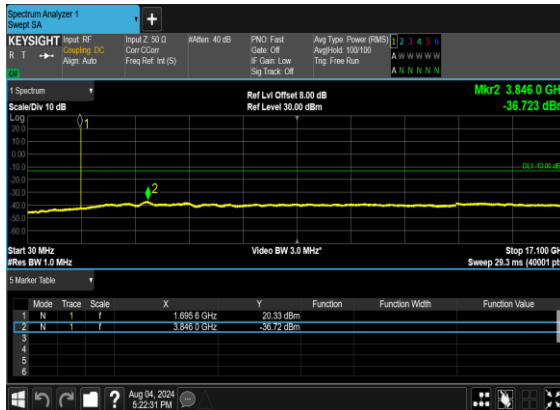
N70(5M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



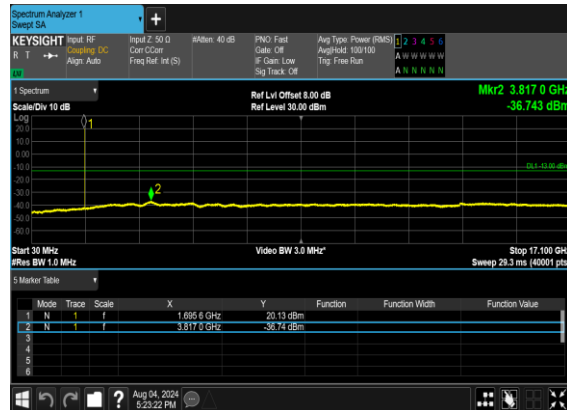
N70(5M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH



N70(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH

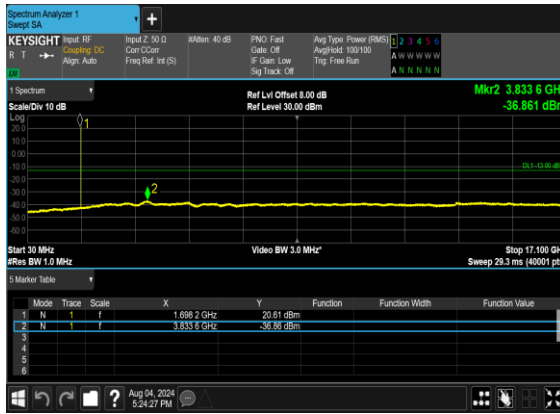


N70(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH

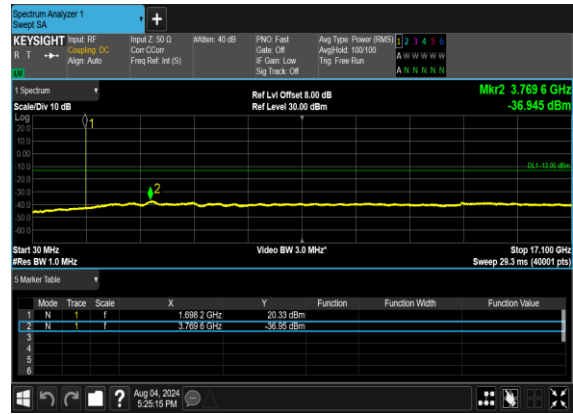




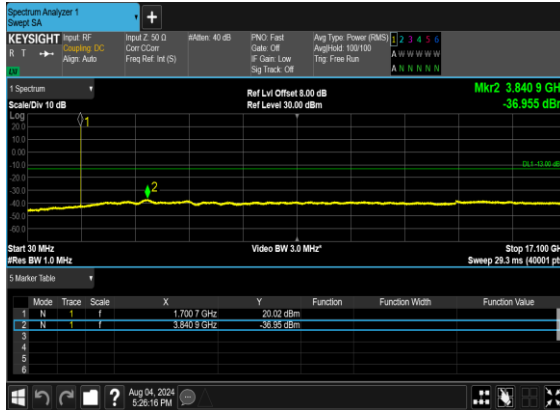
N70(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



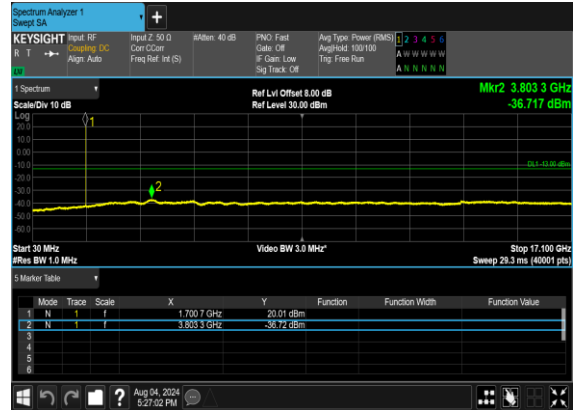
N70(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



N70(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH

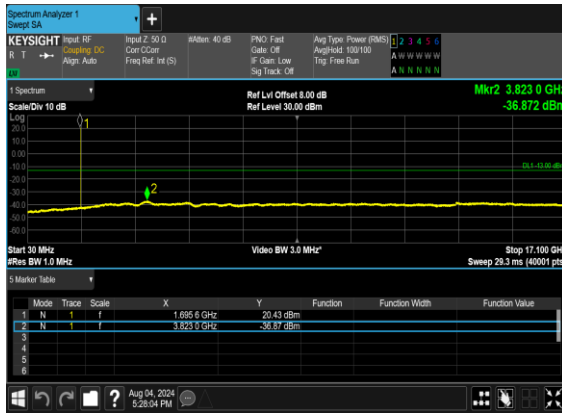


N70(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH

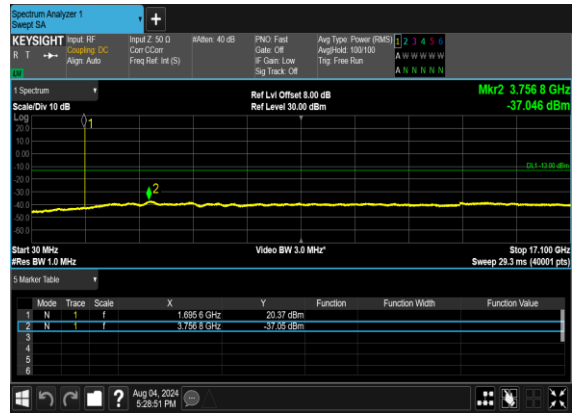




N70(15M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



N70(15M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH





Conducted Band Edge

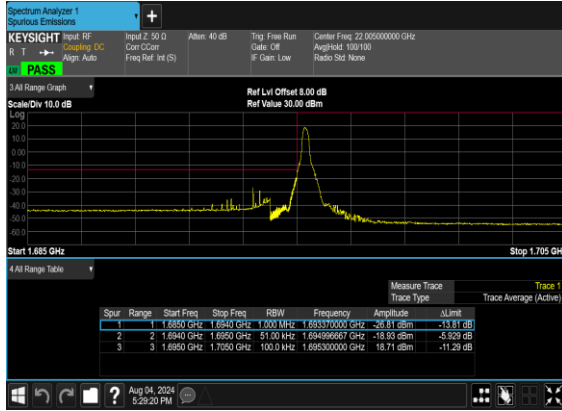
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
70	15	5	339500	1697.5	DFT-s-OFDM BPSK	1@0	see graph	PASS
70	15	5	339500	1697.5	DFT-s-OFDM QPSK	1@0	see graph	PASS
70	15	5	339500	1697.5	DFT-s-OFDM BPSK	25@0	see graph	PASS
70	15	5	339500	1697.5	DFT-s-OFDM QPSK	25@0	see graph	PASS
70	15	5	341500	1707.5	DFT-s-OFDM BPSK	1@24	see graph	PASS
70	15	5	341500	1707.5	DFT-s-OFDM QPSK	1@24	see graph	PASS
70	15	5	341500	1707.5	DFT-s-OFDM BPSK	25@0	see graph	PASS
70	15	5	341500	1707.5	DFT-s-OFDM QPSK	25@0	see graph	PASS
70	15	10	340000	1700.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
70	15	10	340000	1700.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
70	15	10	340000	1700.0	DFT-s-OFDM BPSK	50@0	see graph	PASS
70	15	10	340000	1700.0	DFT-s-OFDM QPSK	50@0	see graph	PASS
70	15	10	341000	1705.0	DFT-s-OFDM BPSK	1@51	see graph	PASS
70	15	10	341000	1705.0	DFT-s-OFDM QPSK	1@51	see graph	PASS
70	15	10	341000	1705.0	DFT-s-OFDM BPSK	50@0	see graph	PASS
70	15	10	341000	1705.0	DFT-s-OFDM QPSK	50@0	see graph	PASS
70	15	15	340500	1702.5	DFT-s-OFDM BPSK	1@0	see graph	PASS
70	15	15	340500	1702.5	DFT-s-OFDM QPSK	1@0	see graph	PASS
70	15	15	340500	1702.5	DFT-s-OFDM BPSK	1@78	see graph	PASS
70	15	15	340500	1702.5	DFT-s-OFDM QPSK	1@78	see graph	PASS



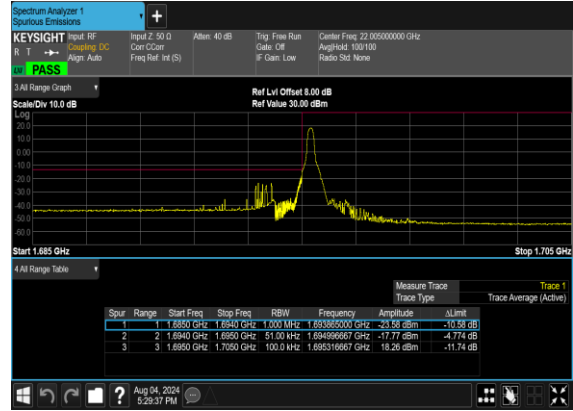
70	15	15	340500	1702.5	DFT-s-OFDM BPSK	75@0	see graph	PASS
70	15	15	340500	1702.5	DFT-s-OFDM QPSK	75@0	see graph	PASS



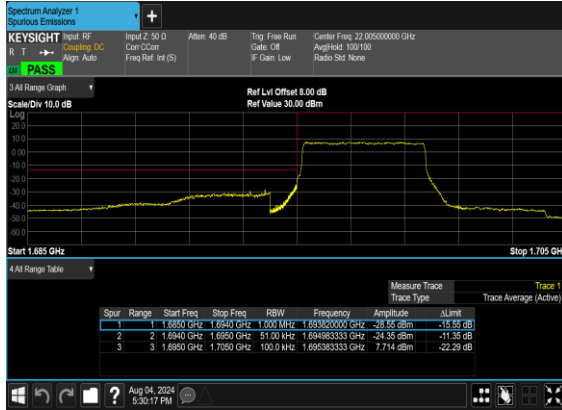
N70(5M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



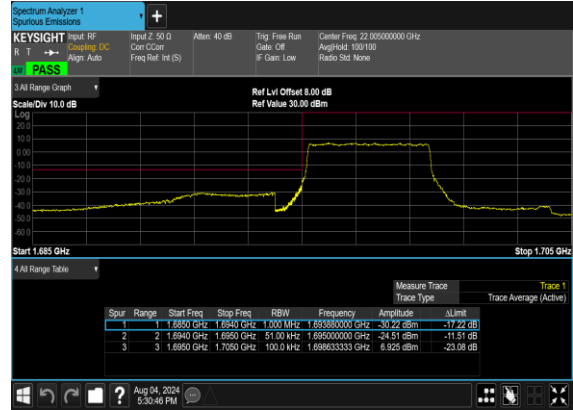
N70(5M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



N70(5M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH

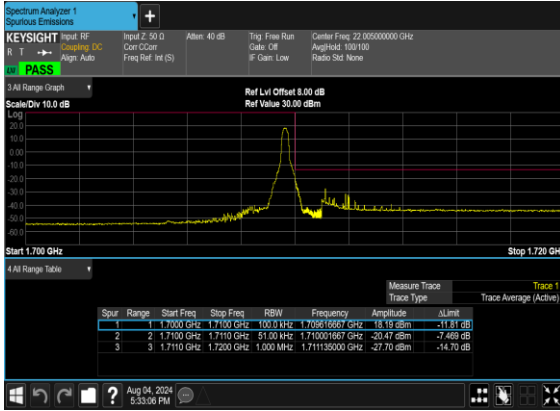


N70(5M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH

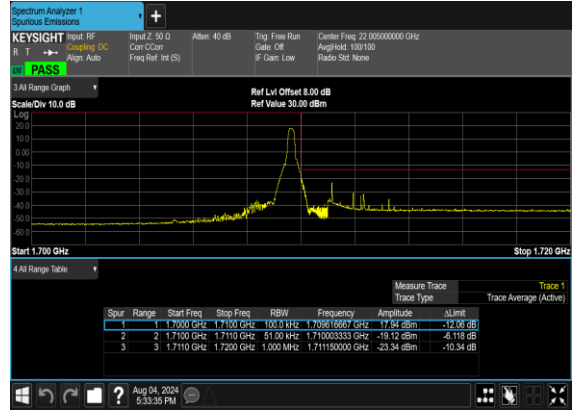




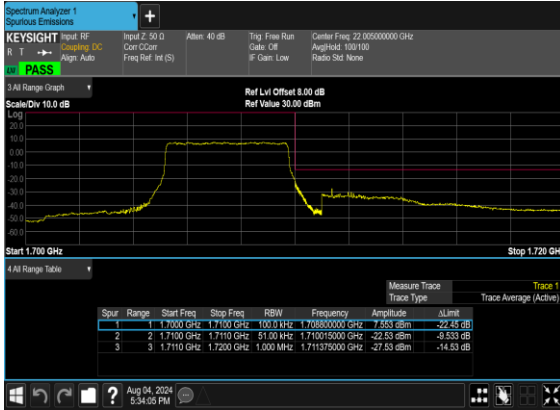
N70(5M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH



N70(5M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH



N70(5M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH

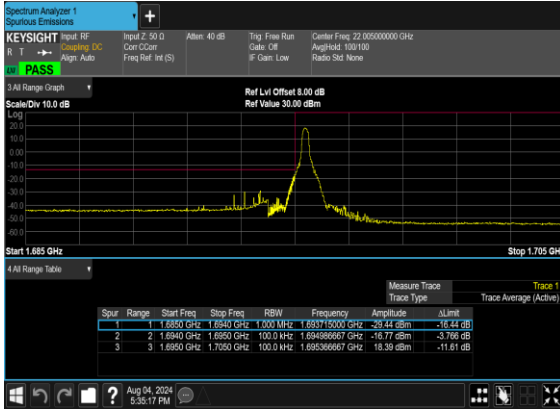


N70(5M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH

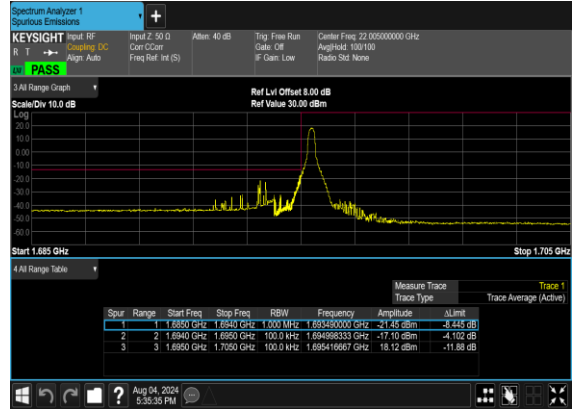




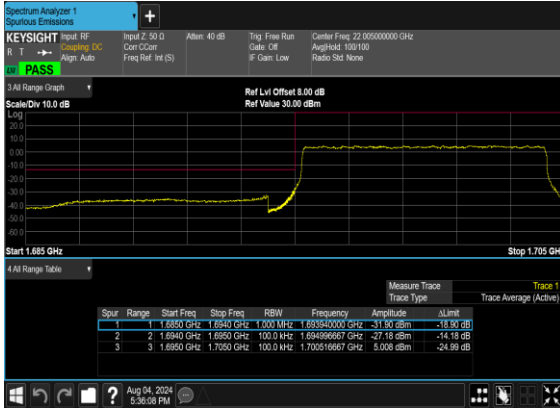
N70(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



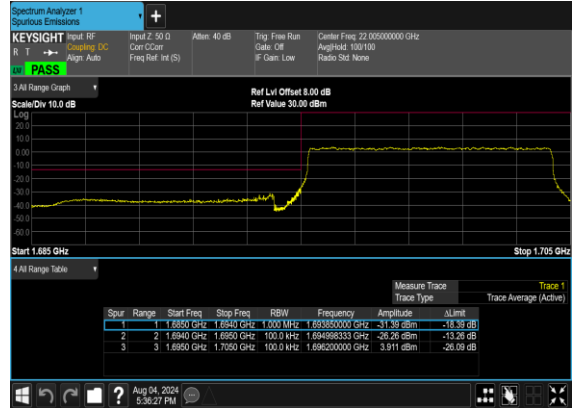
N70(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



N70(10M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH

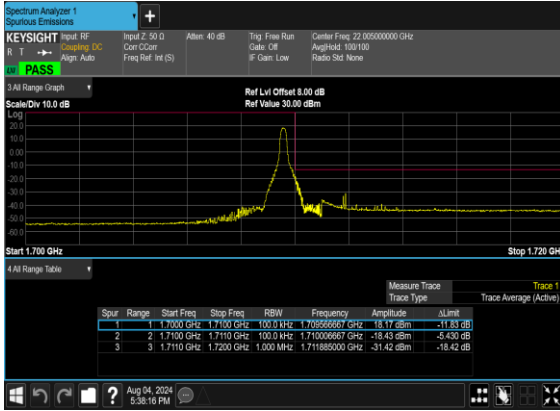


N70(10M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH

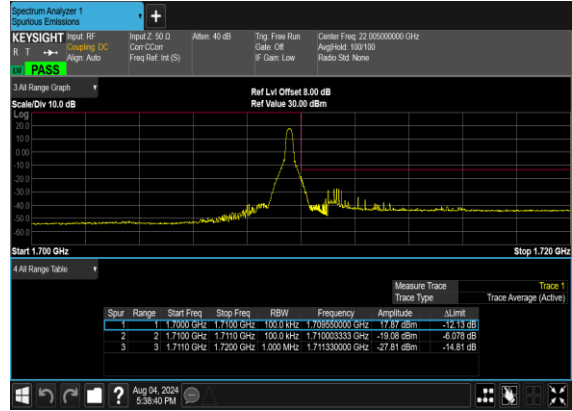




N70(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH



N70(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH



N70(10M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH

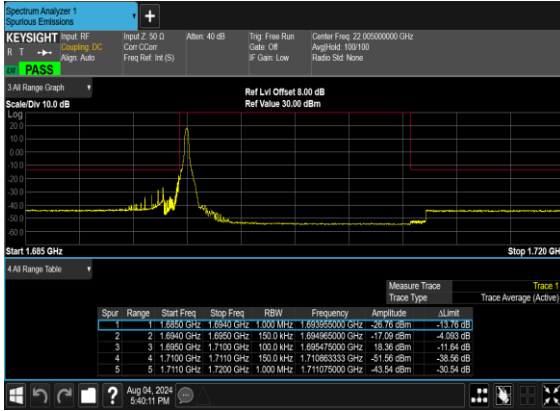


N70(10M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH

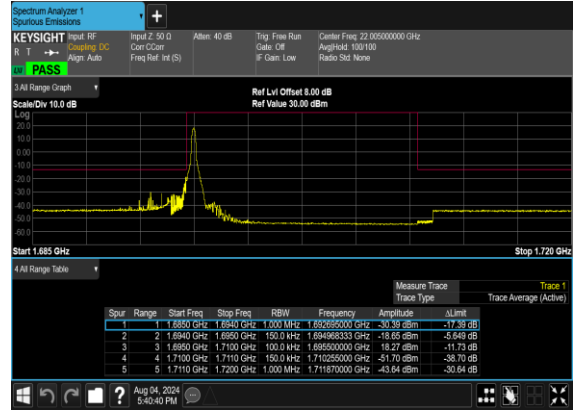




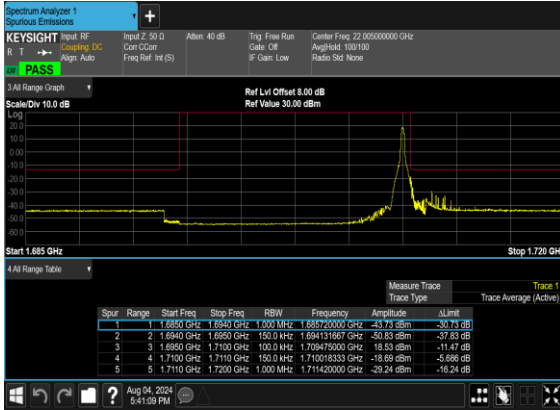
N70(15M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



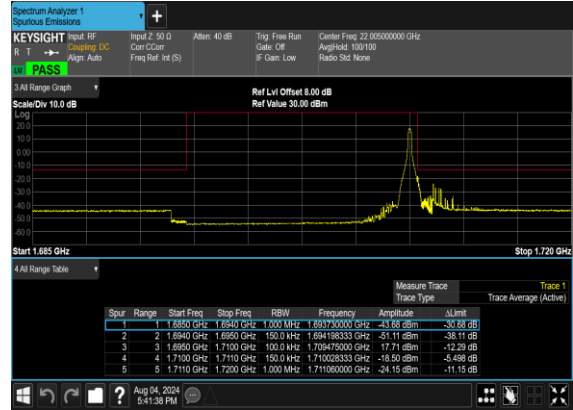
N70(15M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



N70(15M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_Mid_CH

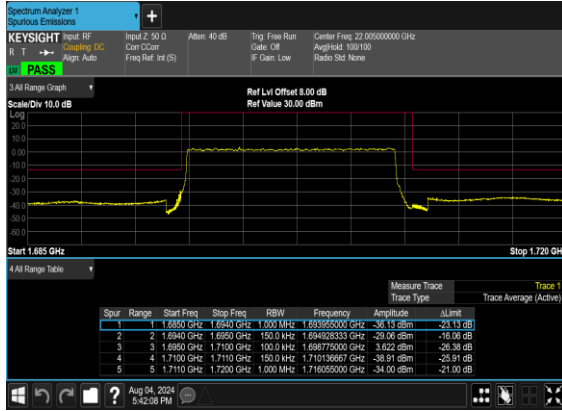


N70(15M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_Mid_CH

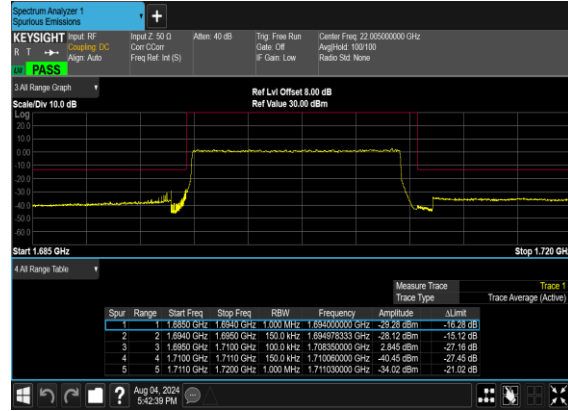




N70(15M)_DFT-s-OFDM_BPSK_Outer_Full_Mid_CH



N70(15M)_DFT-s-OFDM_QPSK_Outer_Full_Mid_CH





Software Version: 23.06.1602

FR1 N70 TXD-ANT(1+8)

Transmitter Conducted Output Power And EIRP, (G_T - L_C)=0.15dBi

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	ANT1 Power(dBm)	ANT8 Power(dBm)	Conducted Power(dBm)	EIRP (dBm)	EIRP (W)
70	15	5	339500	1697.5	DFT-s-OFDM QPSK	1@1	23.52	23.83	26.69	26.84	0.4831
70	15	5	339500	1697.5	DFT-s-OFDM 16 QAM	1@1	21.89	22.90	25.44	25.59	0.3622
70	15	5	340500	1702.5	DFT-s-OFDM QPSK	1@1	23.50	23.64	26.58	26.73	0.4710
70	15	5	340500	1702.5	DFT-s-OFDM 16 QAM	1@1	21.71	22.78	25.29	25.44	0.3499
70	15	5	341500	1707.5	DFT-s-OFDM QPSK	1@1	23.57	23.57	26.58	26.73	0.4710
70	15	5	341500	1707.5	DFT-s-OFDM 16 QAM	1@1	22.71	22.79	25.76	25.91	0.3899
70	15	10	340000	1700	DFT-s-OFDM QPSK	1@1	23.74	23.83	26.80	26.95	0.4955
70	15	10	340000	1700	DFT-s-OFDM 16 QAM	1@1	22.70	22.85	25.79	25.94	0.3926
70	15	10	340500	1702.5	DFT-s-OFDM QPSK	1@1	23.78	23.57	26.69	26.84	0.4831
70	15	10	340500	1702.5	DFT-s-OFDM 16 QAM	1@1	22.84	22.58	25.72	25.87	0.3864
70	15	10	341000	1705	DFT-s-OFDM QPSK	1@1	23.92	23.47	26.71	26.86	0.4853
70	15	10	341000	1705	DFT-s-OFDM 16 QAM	1@1	22.87	22.64	25.76	25.91	0.3899
70	15	15	340500	1702.5	DFT-s-OFDM PI/2 BPSK	36@18	24.20	24.03	27.13	27.28	0.5346
70	15	15	340500	1702.5	DFT-s-OFDM PI/2 BPSK	1@1	24.05	23.97	27.02	27.17	0.5212
70	15	15	340500	1702.5	DFT-s-OFDM PI/2 BPSK	1@77	23.92	23.77	26.86	27.01	0.5023
70	15	15	340500	1702.5	DFT-s-OFDM QPSK	36@18	23.66	23.37	26.53	26.68	0.4656
70	15	15	340500	1702.5	DFT-s-OFDM QPSK	1@1	23.46	23.29	26.39	26.54	0.4508
70	15	15	340500	1702.5	DFT-s-OFDM QPSK	1@77	23.56	23.48	26.53	26.68	0.4656



70	15	15	340500	1702.5	DFT-s-OFDM 16 QAM	36@18	22.54	22.30	25.43	25.58	0.3614
70	15	15	340500	1702.5	DFT-s-OFDM 16 QAM	1@1	22.77	22.40	25.60	25.75	0.3758
70	15	15	340500	1702.5	DFT-s-OFDM 16 QAM	1@77	22.80	22.46	25.65	25.8	0.3802
70	15	15	340500	1702.5	DFT-s-OFDM 64 QAM	36@18	21.13	20.91	24.03	24.18	0.2618
70	15	15	340500	1702.5	DFT-s-OFDM 64 QAM	1@1	21.15	21.03	24.10	24.25	0.2661
70	15	15	340500	1702.5	DFT-s-OFDM 64 QAM	1@77	21.29	20.95	24.13	24.28	0.2679
70	15	15	340500	1702.5	DFT-s-OFDM 256 QAM	36@18	18.54	18.34	21.45	21.6	0.1445
70	15	15	340500	1702.5	DFT-s-OFDM 256 QAM	1@1	18.45	18.27	21.37	21.52	0.1419
70	15	15	340500	1702.5	DFT-s-OFDM 256 QAM	1@77	18.28	18.05	21.18	21.33	0.1358
70	15	15	340500	1702.5	CP-OFDM QPSK	39@19	22.03	21.75	24.90	25.05	0.3199
70	15	15	340500	1702.5	CP-OFDM QPSK	1@1	22.21	21.90	25.07	25.22	0.3327
70	15	15	340500	1702.5	CP-OFDM QPSK	1@77	21.94	21.78	24.87	25.02	0.3177



FR1 N70 TXD-ANT(1+8)_ANT1

Frequency Stability

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Deviation (ppm)	Verdict	Environment
70	15	10	340500	1702.5	DFT-s-OFDM QPSK	50@0	0.0045	PASS	NV
70	15	10	340500	1702.5	DFT-s-OFDM QPSK	50@0	0.0056	PASS	LV
70	15	10	340500	1702.5	DFT-s-OFDM QPSK	50@0	0.0036	PASS	HV
70	15	10	340500	1702.5	DFT-s-OFDM QPSK	50@0	0.0047	PASS	-30°C
70	15	10	340500	1702.5	DFT-s-OFDM QPSK	50@0	0.0067	PASS	-20°C
70	15	10	340500	1702.5	DFT-s-OFDM QPSK	50@0	0.0055	PASS	-10°C
70	15	10	340500	1702.5	DFT-s-OFDM QPSK	50@0	0.0050	PASS	0°C
70	15	10	340500	1702.5	DFT-s-OFDM QPSK	50@0	0.0041	PASS	10°C
70	15	10	340500	1702.5	DFT-s-OFDM QPSK	50@0	0.0045	PASS	20°C
70	15	10	340500	1702.5	DFT-s-OFDM QPSK	50@0	0.0021	PASS	30°C
70	15	10	340500	1702.5	DFT-s-OFDM QPSK	50@0	0.0025	PASS	40°C
70	15	10	340500	1702.5	DFT-s-OFDM QPSK	50@0	0.0066	PASS	50°C



Peak to Average Ratio

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result (dB)	Limit (dB)	Verdict
70	15	10	340500	1702.5	DFT-s-OFDM PI/2 BPSK	50@0	3.93	13	PASS
70	15	10	340500	1702.5	DFT-s-OFDM QPSK	50@0	4.99	13	PASS



N70(10M)_DFT-s-OFDM_PI_2-
BPSK_Outer_Full_Mid_CH



N70(10M)_DFT-s-
OFDM_QPSK_Outer_Full_Mid_CH



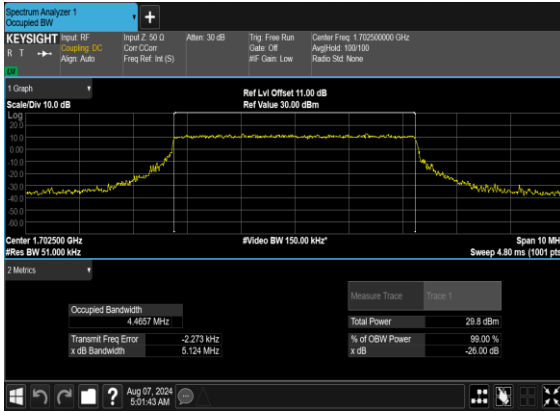


Occupied Bandwidth

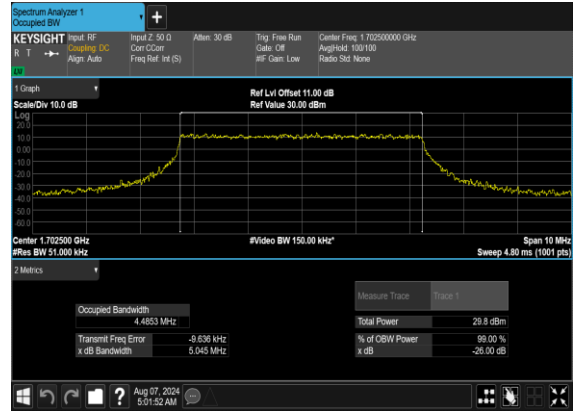
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	OBW (MHz)	26dB BW (MHz)
70	15	5	340500	1702.5	CP-OFDM QPSK	25@0	4.4657	5.124
70	15	5	340500	1702.5	CP-OFDM 16 QAM	25@0	4.4853	5.045
70	15	5	340500	1702.5	CP-OFDM 64 QAM	25@0	4.4592	5.076
70	15	5	340500	1702.5	CP-OFDM 256 QAM	25@0	4.4861	5.033
70	15	10	340500	1702.5	CP-OFDM QPSK	52@0	9.2977	10.21
70	15	10	340500	1702.5	CP-OFDM 16 QAM	52@0	9.299	10.02
70	15	10	340500	1702.5	CP-OFDM 64 QAM	52@0	9.2744	10.03
70	15	10	340500	1702.5	CP-OFDM 256 QAM	52@0	9.2942	10.11
70	15	15	340500	1702.5	CP-OFDM QPSK	79@0	14.103	15.0
70	15	15	340500	1702.5	CP-OFDM 16 QAM	79@0	14.099	14.89
70	15	15	340500	1702.5	CP-OFDM 64 QAM	79@0	14.105	14.96
70	15	15	340500	1702.5	CP-OFDM 256 QAM	79@0	14.095	14.89



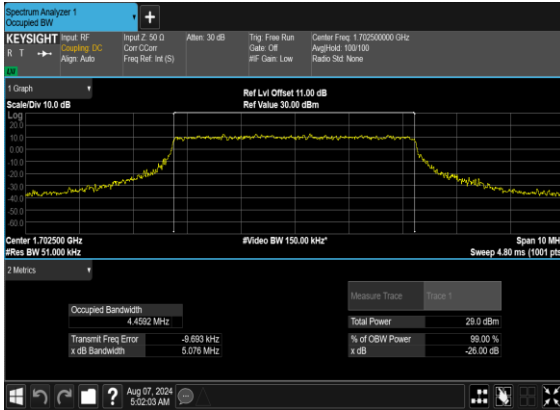
N70(5M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



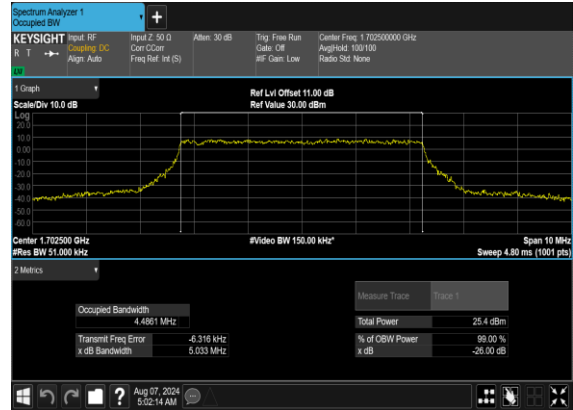
N70(5M)_CP-OFDM_16QAM_Outer_Full_Mid_CH



N70(5M)_CP-OFDM_64QAM_Outer_Full_Mid_CH



N70(5M)_CP-OFDM_256QAM_Outer_Full_Mid_CH

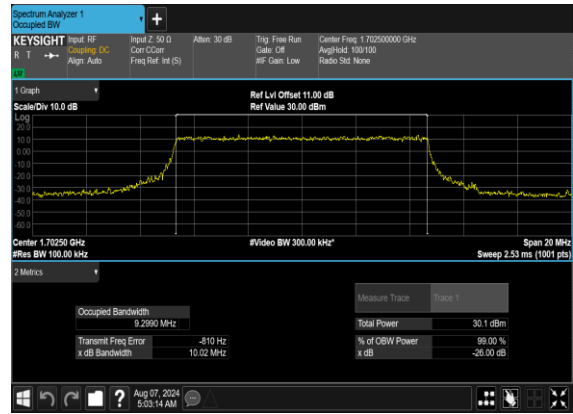




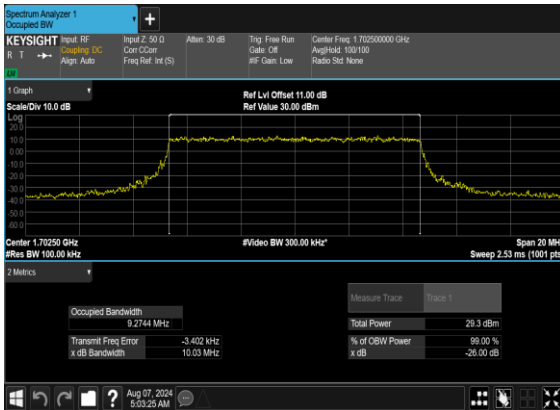
N70(10M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



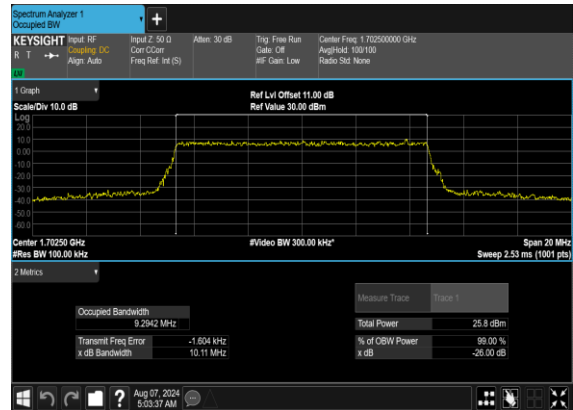
N70(10M)_CP-OFDM_16QAM_Outer_Full_Mid_CH



N70(10M)_CP-OFDM_64QAM_Outer_Full_Mid_CH

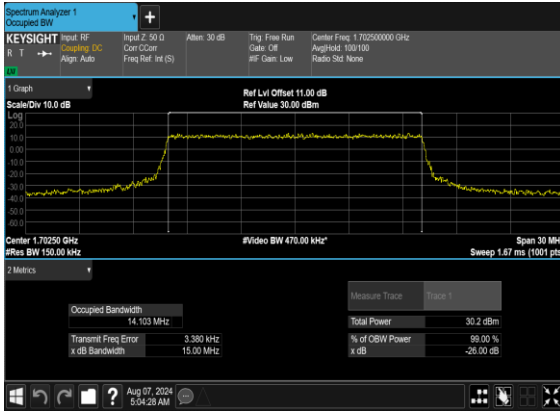


N70(10M)_CP-OFDM_256QAM_Outer_Full_Mid_CH

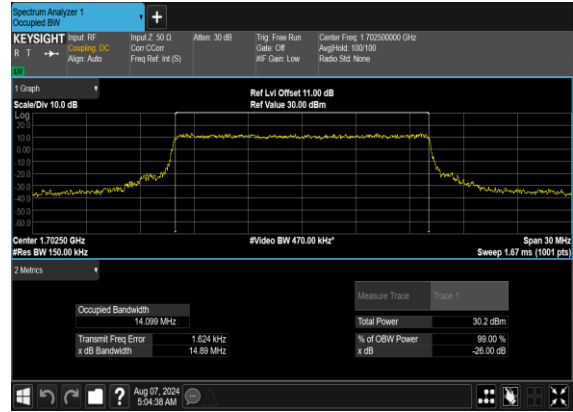




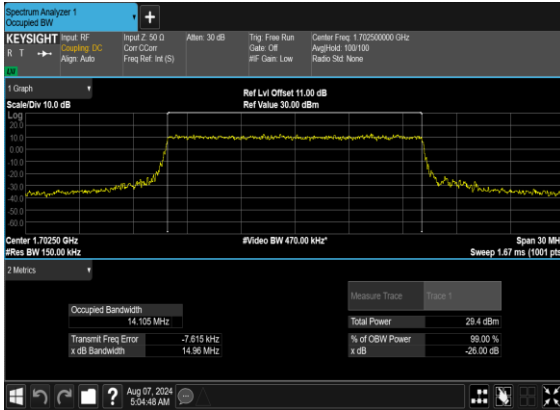
N70(15M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



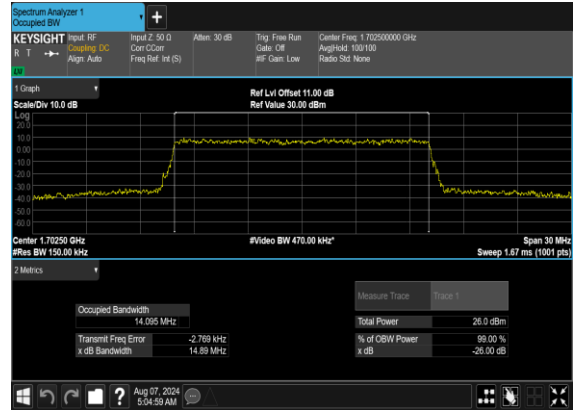
N70(15M)_CP-OFDM_16QAM_Outer_Full_Mid_CH



N70(15M)_CP-OFDM_64QAM_Outer_Full_Mid_CH



N70(15M)_CP-OFDM_256QAM_Outer_Full_Mid_CH





Conducted Spurious Emissions

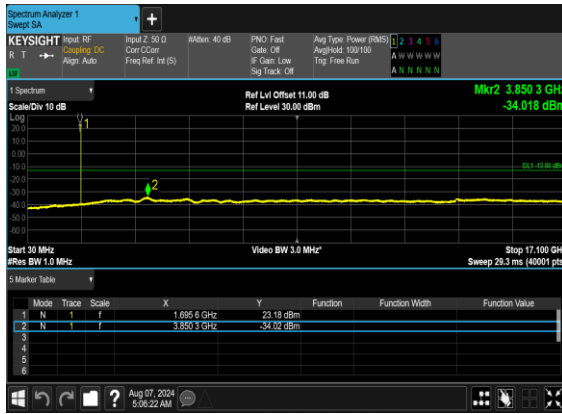
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
70	15	5	339500	1697.5	DFT-s-OFDM BPSK	1@0	see graph	---
70	15	5	339500	1697.5	DFT-s-OFDM BPSK	1@0	see graph	PASS
70	15	5	339500	1697.5	DFT-s-OFDM QPSK	1@0	see graph	---
70	15	5	339500	1697.5	DFT-s-OFDM QPSK	1@0	see graph	PASS
70	15	5	340500	1702.5	DFT-s-OFDM BPSK	1@0	see graph	---
70	15	5	340500	1702.5	DFT-s-OFDM BPSK	1@0	see graph	PASS
70	15	5	340500	1702.5	DFT-s-OFDM QPSK	1@0	see graph	---
70	15	5	340500	1702.5	DFT-s-OFDM QPSK	1@0	see graph	PASS
70	15	5	341500	1707.5	DFT-s-OFDM BPSK	1@0	see graph	---
70	15	5	341500	1707.5	DFT-s-OFDM BPSK	1@0	see graph	PASS
70	15	5	341500	1707.5	DFT-s-OFDM QPSK	1@0	see graph	---
70	15	5	341500	1707.5	DFT-s-OFDM QPSK	1@0	see graph	PASS
70	15	10	340000	1700.0	DFT-s-OFDM BPSK	1@0	see graph	---
70	15	10	340000	1700.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
70	15	10	340000	1700.0	DFT-s-OFDM QPSK	1@0	see graph	---
70	15	10	340000	1700.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
70	15	10	340500	1702.5	DFT-s-OFDM BPSK	1@0	see graph	---
70	15	10	340500	1702.5	DFT-s-OFDM BPSK	1@0	see graph	PASS
70	15	10	340500	1702.5	DFT-s-OFDM QPSK	1@0	see graph	---
70	15	10	340500	1702.5	DFT-s-OFDM QPSK	1@0	see graph	PASS



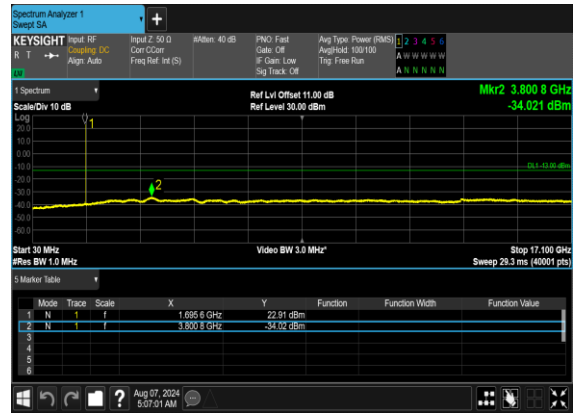
70	15	10	341000	1705.0	DFT-s-OFDM BPSK	1@0	see graph	---
70	15	10	341000	1705.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
70	15	10	341000	1705.0	DFT-s-OFDM QPSK	1@0	see graph	---
70	15	10	341000	1705.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
70	15	15	340500	1702.5	DFT-s-OFDM BPSK	1@0	see graph	---
70	15	15	340500	1702.5	DFT-s-OFDM BPSK	1@0	see graph	PASS
70	15	15	340500	1702.5	DFT-s-OFDM QPSK	1@0	see graph	---
70	15	15	340500	1702.5	DFT-s-OFDM QPSK	1@0	see graph	PASS



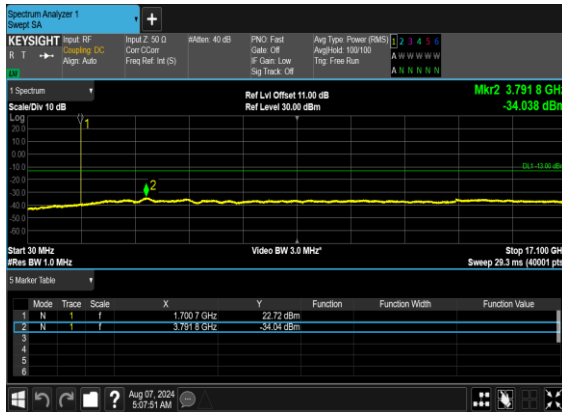
N70(5M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



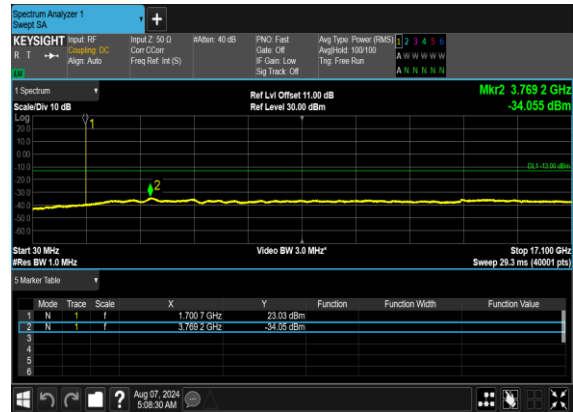
N70(5M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



N70(5M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH

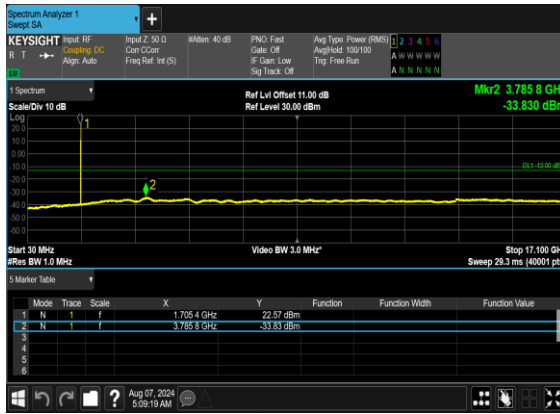


N70(5M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH

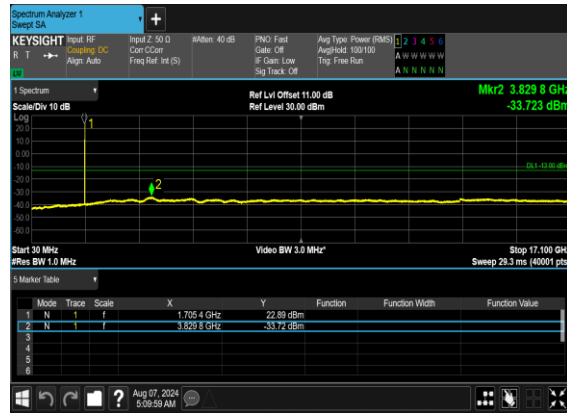




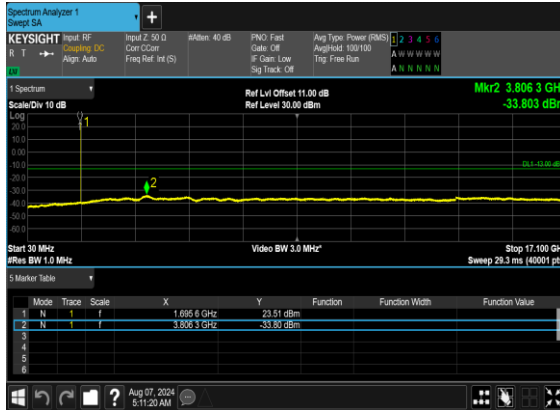
N70(5M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



N70(5M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH



N70(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



N70(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH

