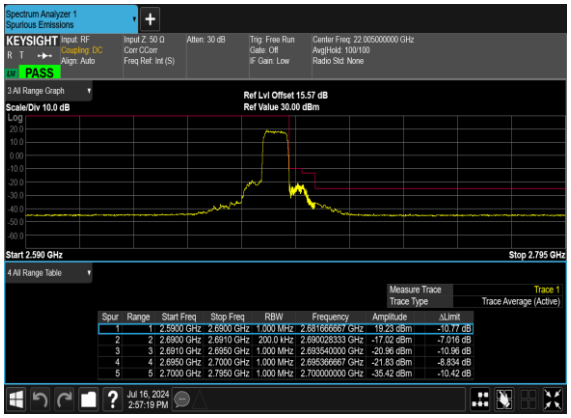
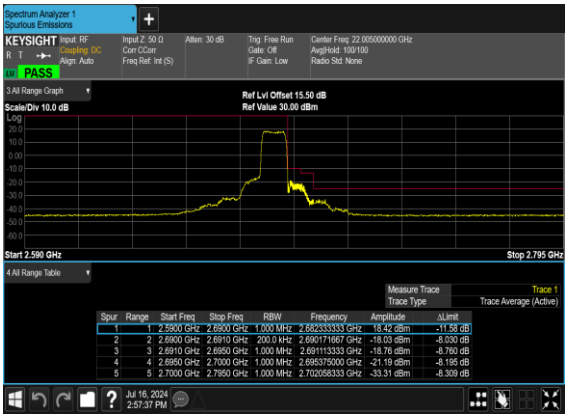
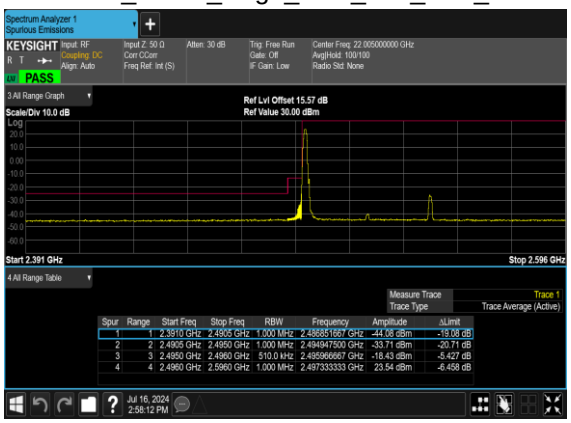
N41(10M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH



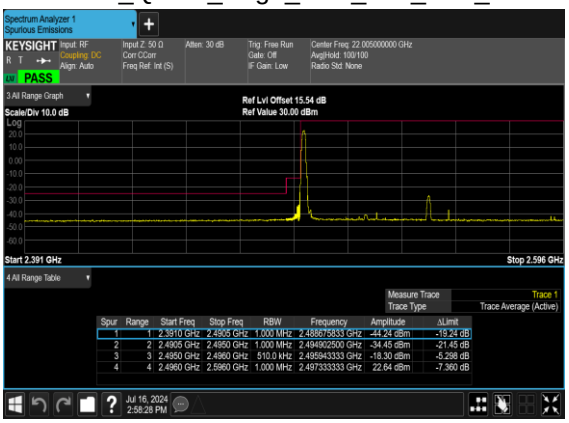
N41(10M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH



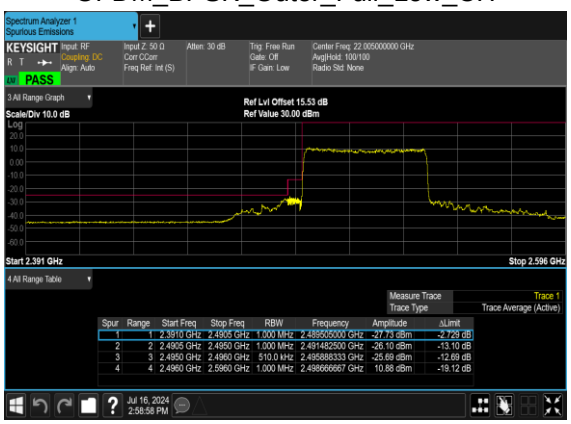
N41(50M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



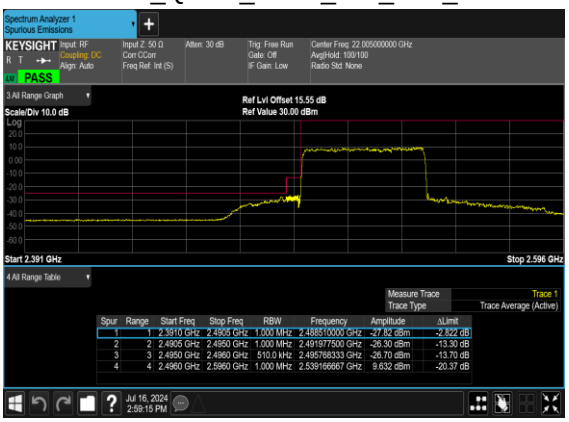
N41(50M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



N41(50M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH

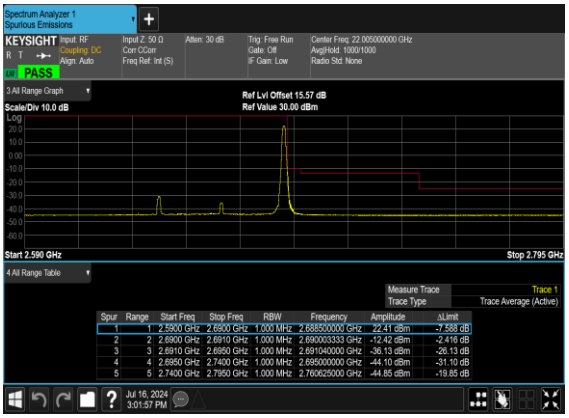


N41(50M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH

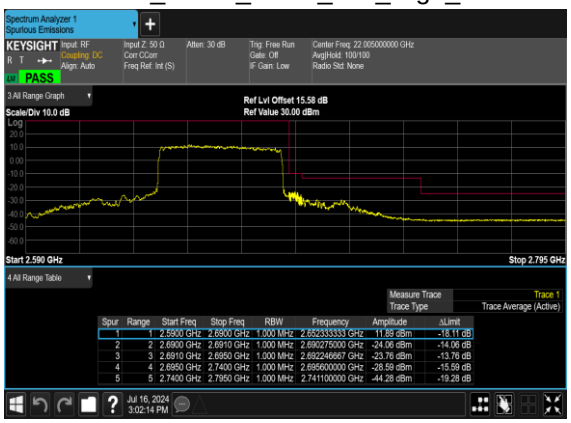


N41(50M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH

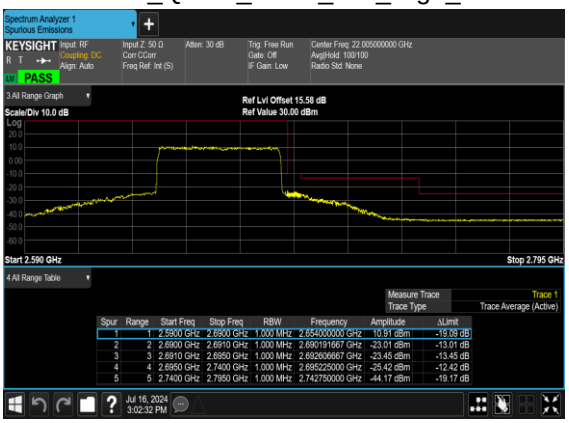
N41(50M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH



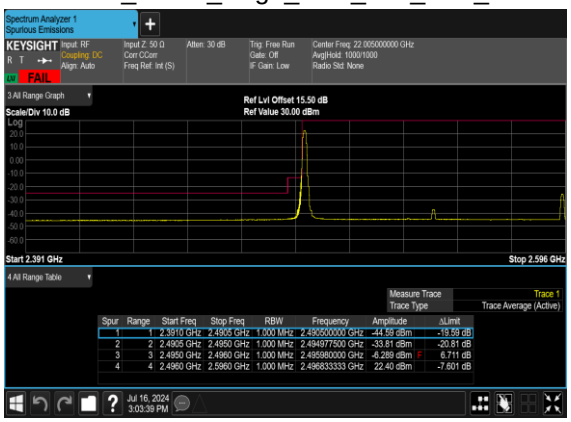
N41(50M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH



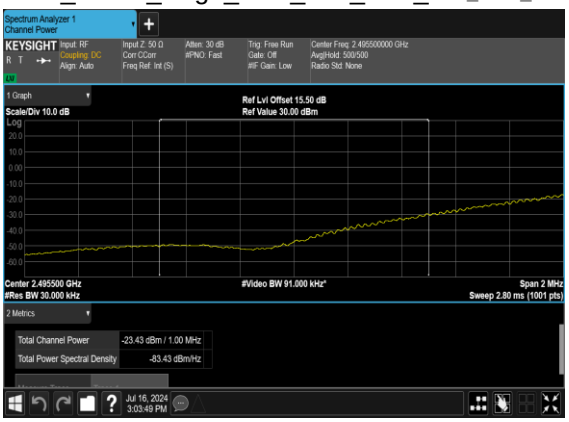
N41(50M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH



N41(100M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH

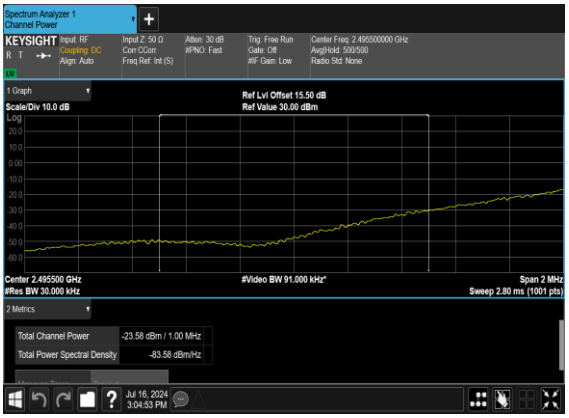


N41(100M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH_**CHP_PASS**

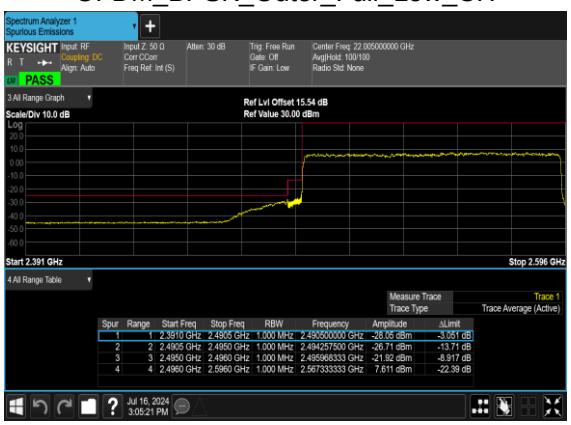


N41(100M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH

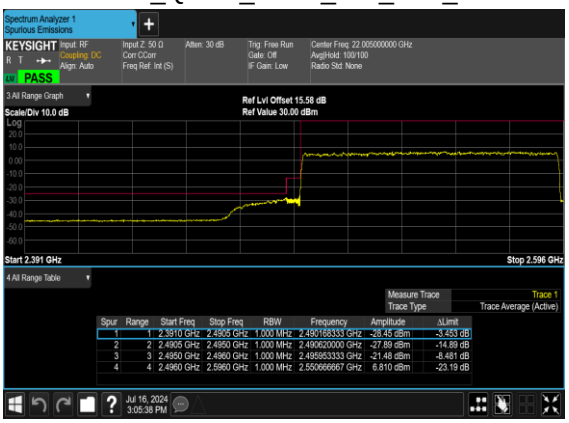
N41(100M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH_CHP_PASS



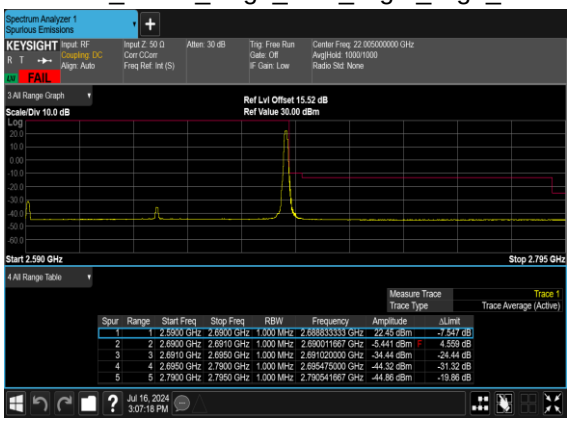
N41(100M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH



N41(100M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH



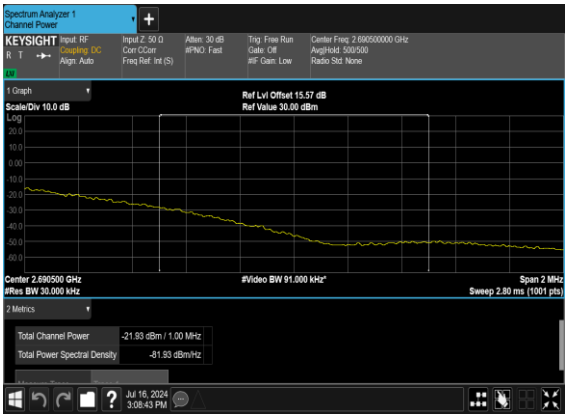
N41(100M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH



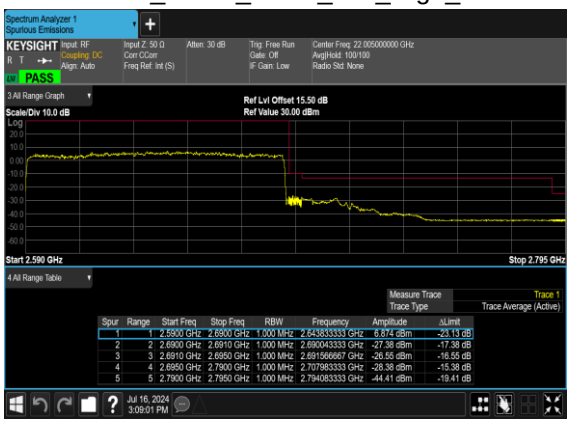
N41(100M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH_CHP_PASS

N41(100M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH

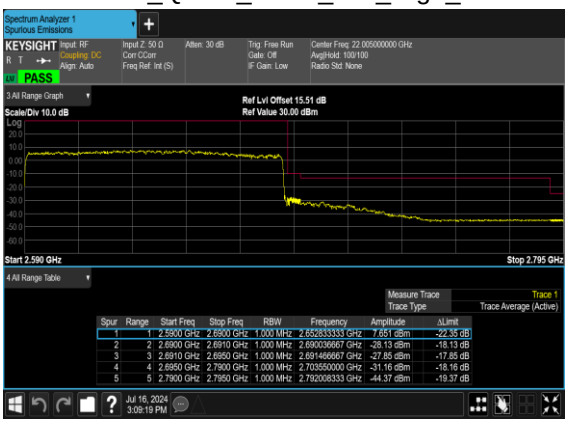
N41(100M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH_CHP_PASS



N41(100M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH



N41(100M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH



Note: ”CHP” means channel power integrated method.

Software Version: 23.06.1602

FR1 N66-SCS 15k-ANT 1

Transmitter Conducted Output Power And EIRP, (G_T - L_C)=4dB

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Conducted Power(dBm)	EIRP (dBm)	EIRP (W)
66	15	5	342500	1712.5	DFT-s-OFDM QPSK	1@1	22.73	26.73	0.4710
66	15	5	342500	1712.5	DFT-s-OFDM 16 QAM	1@1	21.68	25.68	0.3698
66	15	5	349000	1745	DFT-s-OFDM QPSK	1@1	22.85	26.85	0.4842
66	15	5	349000	1745	DFT-s-OFDM 16 QAM	1@1	21.79	25.79	0.3793
66	15	5	355500	1777.5	DFT-s-OFDM QPSK	1@1	22.8	26.8	0.4786
66	15	5	355500	1777.5	DFT-s-OFDM 16 QAM	1@1	21.83	25.83	0.3828
66	15	10	343000	1715	DFT-s-OFDM QPSK	1@1	22.73	26.73	0.4710
66	15	10	343000	1715	DFT-s-OFDM 16 QAM	1@1	21.83	25.83	0.3828
66	15	10	349000	1745	DFT-s-OFDM QPSK	1@1	22.78	26.78	0.4764
66	15	10	349000	1745	DFT-s-OFDM 16 QAM	1@1	21.8	25.8	0.3802
66	15	10	355000	1775	DFT-s-OFDM QPSK	1@1	22.72	26.72	0.4699
66	15	10	355000	1775	DFT-s-OFDM 16 QAM	1@1	21.83	25.83	0.3828
66	15	15	343500	1717.5	DFT-s-OFDM QPSK	1@1	22.9	26.9	0.4898
66	15	15	343500	1717.5	DFT-s-OFDM 16 QAM	1@1	21.9	25.9	0.3890
66	15	15	349000	1745	DFT-s-OFDM QPSK	1@1	22.9	26.9	0.4898
66	15	15	349000	1745	DFT-s-OFDM 16 QAM	1@1	22.03	26.03	0.4009
66	15	15	354500	1772.5	DFT-s-OFDM QPSK	1@1	22.9	26.9	0.4898
66	15	15	354500	1772.5	DFT-s-OFDM 16 QAM	1@1	21.92	25.92	0.3908
66	15	20	344000	1720	DFT-s-OFDM QPSK	1@1	22.85	26.85	0.4842
66	15	20	344000	1720	DFT-s-OFDM 16 QAM	1@1	21.92	25.92	0.3908
66	15	20	349000	1745	DFT-s-OFDM QPSK	1@1	22.98	26.98	0.4989
66	15	20	349000	1745	DFT-s-OFDM 16 QAM	1@1	21.95	25.95	0.3936
66	15	20	354000	1770	DFT-s-OFDM QPSK	1@1	22.92	26.92	0.4920
66	15	20	354000	1770	DFT-s-OFDM 16 QAM	1@1	21.94	25.94	0.3926
66	15	25	344500	1722.5	DFT-s-OFDM QPSK	1@1	22.89	26.89	0.4887
66	15	25	344500	1722.5	DFT-s-OFDM 16 QAM	1@1	21.87	25.87	0.3864
66	15	25	349000	1745	DFT-s-OFDM QPSK	1@1	23.12	27.12	0.5152
66	15	25	349000	1745	DFT-s-OFDM 16 QAM	1@1	22.14	26.14	0.4111
66	15	25	353500	1767.5	DFT-s-OFDM QPSK	1@1	23.05	27.05	0.5070
66	15	25	353500	1767.5	DFT-s-OFDM 16 QAM	1@1	22.15	26.15	0.4121
66	15	30	345000	1725	DFT-s-OFDM QPSK	1@1	22.84	26.84	0.4831
66	15	30	345000	1725	DFT-s-OFDM 16 QAM	1@1	21.85	25.85	0.3846
66	15	30	349000	1745	DFT-s-OFDM QPSK	1@1	22.87	26.87	0.4864
66	15	30	349000	1745	DFT-s-OFDM 16 QAM	1@1	21.91	25.91	0.3899
66	15	30	353000	1765	DFT-s-OFDM QPSK	1@1	22.76	26.76	0.4742
66	15	30	353000	1765	DFT-s-OFDM 16 QAM	1@1	21.82	25.82	0.3819
66	15	35	345500	1727.5	DFT-s-OFDM QPSK	1@1	22.85	26.85	0.4842
66	15	35	345500	1727.5	DFT-s-OFDM 16 QAM	1@1	22.05	26.05	0.4027
66	15	35	349000	1745	DFT-s-OFDM QPSK	1@1	22.91	26.91	0.4909

66	15	35	349000	1745	DFT-s-OFDM 16 QAM	1@1	22.02	26.02	0.3999
66	15	35	352500	1762.5	DFT-s-OFDM QPSK	1@1	22.75	26.75	0.4732
66	15	35	352500	1762.5	DFT-s-OFDM 16 QAM	1@1	22.02	26.02	0.3999
66	15	40	346000	1730	DFT-s-OFDM PI/2 BPSK	108@54	22.89	26.89	0.4887
66	15	40	346000	1730	DFT-s-OFDM PI/2 BPSK	1@1	22.84	26.84	0.4831
66	15	40	346000	1730	DFT-s-OFDM PI/2 BPSK	1@214	22.82	26.82	0.4808
66	15	40	346000	1730	DFT-s-OFDM QPSK	108@54	22.99	26.99	0.5000
66	15	40	346000	1730	DFT-s-OFDM QPSK	1@1	22.94	26.94	0.4943
66	15	40	346000	1730	DFT-s-OFDM QPSK	1@214	22.86	26.86	0.4853
66	15	40	346000	1730	DFT-s-OFDM 16 QAM	108@54	21.96	25.96	0.3945
66	15	40	346000	1730	DFT-s-OFDM 16 QAM	1@1	22.01	26.01	0.3990
66	15	40	346000	1730	DFT-s-OFDM 16 QAM	1@214	22.04	26.04	0.4018
66	15	40	346000	1730	DFT-s-OFDM 64 QAM	108@54	20.49	24.49	0.2812
66	15	40	346000	1730	DFT-s-OFDM 64 QAM	1@1	20.52	24.52	0.2831
66	15	40	346000	1730	DFT-s-OFDM 64 QAM	1@214	20.6	24.6	0.2884
66	15	40	346000	1730	DFT-s-OFDM 256 QAM	108@54	18.42	22.42	0.1746
66	15	40	346000	1730	DFT-s-OFDM 256 QAM	1@1	18.38	22.38	0.1730
66	15	40	346000	1730	DFT-s-OFDM 256 QAM	1@214	18.33	22.33	0.1710
66	15	40	346000	1730	CP-OFDM QPSK	108@54	21.46	25.46	0.3516
66	15	40	346000	1730	CP-OFDM QPSK	1@1	21.48	25.48	0.3532
66	15	40	346000	1730	CP-OFDM QPSK	1@214	21.4	25.4	0.3467
66	15	40	349000	1745	DFT-s-OFDM PI/2 BPSK	108@54	23.07	27.07	0.5093
66	15	40	349000	1745	DFT-s-OFDM PI/2 BPSK	1@1	23.13	27.13	0.5164
66	15	40	349000	1745	DFT-s-OFDM PI/2 BPSK	1@214	22.87	26.87	0.4864
66	15	40	349000	1745	DFT-s-OFDM QPSK	108@54	23.07	27.07	0.5093
66	15	40	349000	1745	DFT-s-OFDM QPSK	1@1	22.97	26.97	0.4977
66	15	40	349000	1745	DFT-s-OFDM QPSK	1@214	22.87	26.87	0.4864
66	15	40	349000	1745	DFT-s-OFDM 16 QAM	108@54	22.15	26.15	0.4121
66	15	40	349000	1745	DFT-s-OFDM 16 QAM	1@1	22.13	26.13	0.4102
66	15	40	349000	1745	DFT-s-OFDM 16 QAM	1@214	22.05	26.05	0.4027
66	15	40	349000	1745	DFT-s-OFDM 64 QAM	108@54	20.65	24.65	0.2917
66	15	40	349000	1745	DFT-s-OFDM 64 QAM	1@1	20.67	24.67	0.2931
66	15	40	349000	1745	DFT-s-OFDM 64 QAM	1@214	20.55	24.55	0.2851
66	15	40	349000	1745	DFT-s-OFDM 256 QAM	108@54	18.23	22.23	0.1671
66	15	40	349000	1745	DFT-s-OFDM 256 QAM	1@1	18.42	22.42	0.1746
66	15	40	349000	1745	DFT-s-OFDM 256 QAM	1@214	18.3	22.3	0.1698
66	15	40	349000	1745	CP-OFDM QPSK	108@54	21.57	25.57	0.3606
66	15	40	349000	1745	CP-OFDM QPSK	1@1	21.59	25.59	0.3622
66	15	40	349000	1745	CP-OFDM QPSK	1@214	21.15	25.15	0.3273
66	15	40	352000	1760	DFT-s-OFDM PI/2 BPSK	108@54	22.97	26.97	0.4977
66	15	40	352000	1760	DFT-s-OFDM PI/2 BPSK	1@1	22.84	26.84	0.4831
66	15	40	352000	1760	DFT-s-OFDM PI/2 BPSK	1@214	22.79	26.79	0.4775
66	15	40	352000	1760	DFT-s-OFDM QPSK	108@54	23.02	27.02	0.5035
66	15	40	352000	1760	DFT-s-OFDM QPSK	1@1	22.92	26.92	0.4920
66	15	40	352000	1760	DFT-s-OFDM QPSK	1@214	22.88	26.88	0.4875
66	15	40	352000	1760	DFT-s-OFDM 16 QAM	108@54	22.09	26.09	0.4064
66	15	40	352000	1760	DFT-s-OFDM 16 QAM	1@1	22.05	26.05	0.4027

66	15	40	352000	1760	DFT-s-OFDM 16 QAM	1@214	22.06	26.06	0.4036
66	15	40	352000	1760	DFT-s-OFDM 64 QAM	108@54	20.6	24.6	0.2884
66	15	40	352000	1760	DFT-s-OFDM 64 QAM	1@1	20.61	24.61	0.2891
66	15	40	352000	1760	DFT-s-OFDM 64 QAM	1@214	20.57	24.57	0.2864
66	15	40	352000	1760	DFT-s-OFDM 256 QAM	108@54	18.54	22.54	0.1795
66	15	40	352000	1760	DFT-s-OFDM 256 QAM	1@1	18.45	22.45	0.1758
66	15	40	352000	1760	DFT-s-OFDM 256 QAM	1@214	18.36	22.36	0.1722
66	15	40	352000	1760	CP-OFDM QPSK	108@54	21.55	25.55	0.3589
66	15	40	352000	1760	CP-OFDM QPSK	1@1	21.52	25.52	0.3565
66	15	40	352000	1760	CP-OFDM QPSK	1@214	21.45	25.45	0.3508

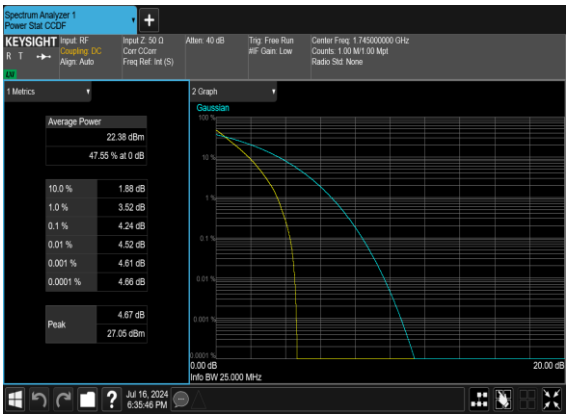
Frequency Stability

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Deviation (ppm)	Verdict	Environment
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	100@0	0.0062	**PASS**	NV
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	100@0	0.0031	**PASS**	LV
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	100@0	0.0059	**PASS**	HV
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	100@0	0.0028	**PASS**	-30℃
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	100@0	0.0069	**PASS**	-20℃
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	100@0	0.0058	**PASS**	-10℃
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	100@0	0.0059	**PASS**	0℃
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	100@0	0.0061	**PASS**	10℃
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	100@0	0.0062	**PASS**	20℃
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	100@0	0.0041	**PASS**	30℃
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	100@0	0.0022	**PASS**	40℃
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	100@0	0.0066	**PASS**	50℃

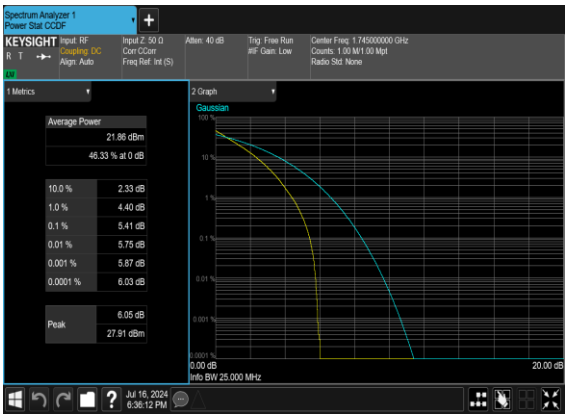
Peak to Average Ratio

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result (dB)	Limit (dB)	Verdict
66	15	20	349000	1745.0	DFT-s-OFDM PI/2 BPSK	100@0	4.24	13	**PASS**
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	100@0	5.41	13	**PASS**

N66(20M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_Mid_CH



N66(20M)_DFT-s-OFDM_QPSK_Outer_Full_Mid_CH

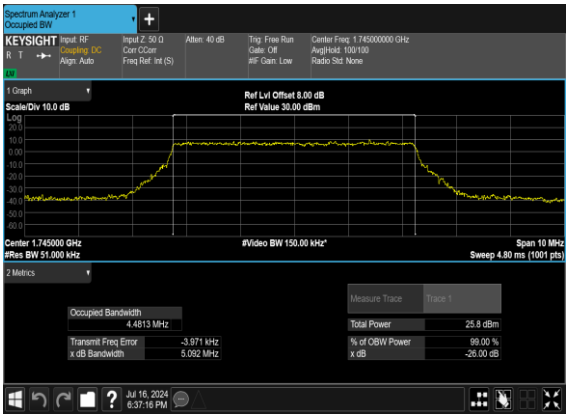


Occupied Bandwidth

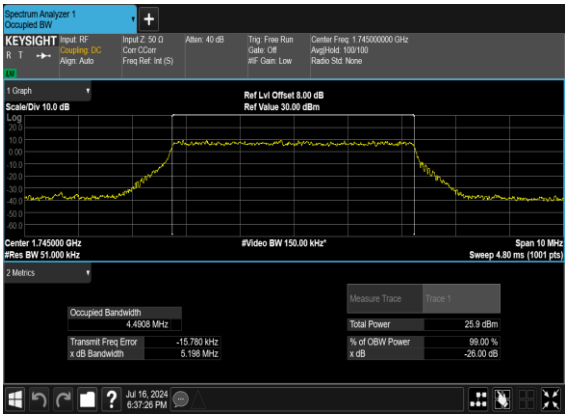
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	OBW (MHz)	26dB BW (MHz)
66	15	5	349000	1745.0	CP-OFDM QPSK	25@0	4.4813	5.092
66	15	5	349000	1745.0	CP-OFDM 16 QAM	25@0	4.4908	5.198
66	15	5	349000	1745.0	CP-OFDM 64 QAM	25@0	4.4616	5.015
66	15	5	349000	1745.0	CP-OFDM 256 QAM	25@0	4.479	4.964
66	15	10	349000	1745.0	CP-OFDM QPSK	52@0	9.2912	10.03
66	15	10	349000	1745.0	CP-OFDM 16 QAM	52@0	9.2928	9.984
66	15	10	349000	1745.0	CP-OFDM 64 QAM	52@0	9.2684	9.907
66	15	10	349000	1745.0	CP-OFDM 256 QAM	52@0	9.2898	9.991
66	15	15	349000	1745.0	CP-OFDM QPSK	79@0	14.109	14.92
66	15	15	349000	1745.0	CP-OFDM 16 QAM	79@0	14.093	14.88
66	15	15	349000	1745.0	CP-OFDM 64 QAM	79@0	14.121	14.87
66	15	15	349000	1745.0	CP-OFDM 256 QAM	79@0	14.082	14.86
66	15	20	349000	1745.0	CP-OFDM QPSK	106@0	18.905	19.88
66	15	20	349000	1745.0	CP-OFDM 16 QAM	106@0	18.885	19.72
66	15	20	349000	1745.0	CP-OFDM 64 QAM	106@0	18.91	19.9
66	15	20	349000	1745.0	CP-OFDM 256 QAM	106@0	18.915	19.77
66	15	25	349000	1745.0	CP-OFDM QPSK	133@0	23.757	24.87
66	15	25	349000	1745.0	CP-OFDM 16 QAM	133@0	23.746	24.81
66	15	25	349000	1745.0	CP-OFDM 64 QAM	133@0	23.75	24.72
66	15	25	349000	1745.0	CP-OFDM 256 QAM	133@0	23.77	24.82
66	15	30	349000	1745.0	CP-OFDM QPSK	160@0	28.545	29.57
66	15	30	349000	1745.0	CP-OFDM 16 QAM	160@0	28.514	29.56
66	15	30	349000	1745.0	CP-OFDM 64 QAM	160@0	28.571	29.61
66	15	30	349000	1745.0	CP-OFDM 256 QAM	160@0	28.58	29.49
66	15	35	349000	1745.0	CP-OFDM QPSK	188@0	33.501	34.72
66	15	35	349000	1745.0	CP-OFDM 16 QAM	188@0	33.474	34.68

66	15	35	349000	1745.0	CP-OFDM 64 QAM	188@0	33.606	34.65
66	15	35	349000	1745.0	CP-OFDM 256 QAM	188@0	33.53	34.77
66	15	40	349000	1745.0	CP-OFDM QPSK	216@0	38.522	39.82
66	15	40	349000	1745.0	CP-OFDM 16 QAM	216@0	38.547	39.92
66	15	40	349000	1745.0	CP-OFDM 64 QAM	216@0	38.538	40.05
66	15	40	349000	1745.0	CP-OFDM 256 QAM	216@0	38.477	39.79

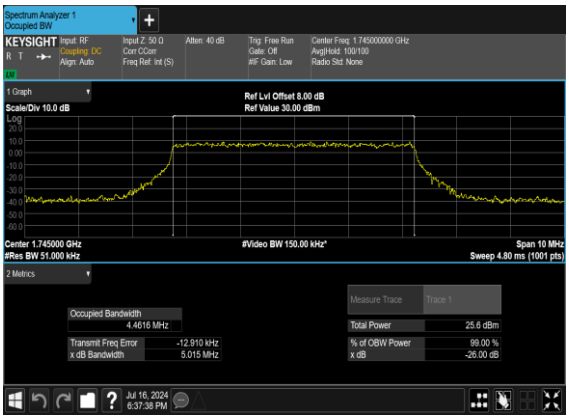
N66(5M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



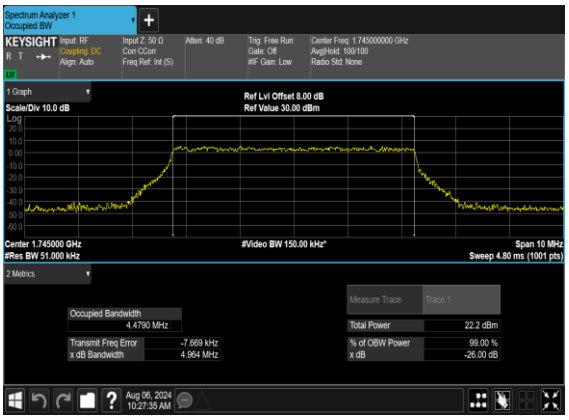
N66(5M)_CP-OFDM_16QAM_Outer_Full_Mid_CH



N66(5M)_CP-OFDM_64QAM_Outer_Full_Mid_CH



N66(5M)_CP-OFDM_256QAM_Outer_Full_Mid_CH

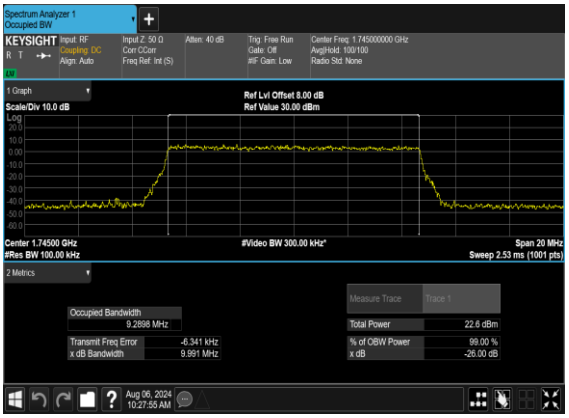


N66(10M)_CP-OFDM_QPSK_Outer_Full_Mid_CH

N66(10M)_CP-OFDM_16QAM_Outer_Full_Mid_CH

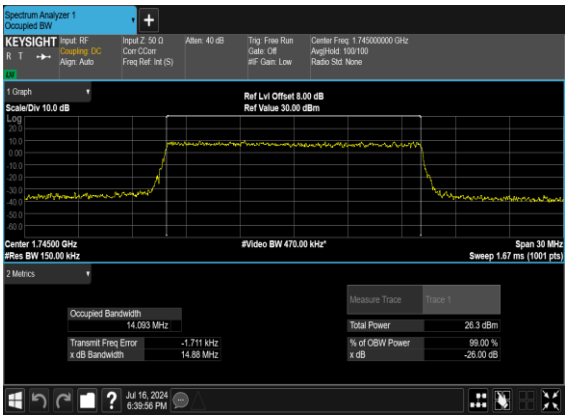
N66(10M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH

N66(10M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH

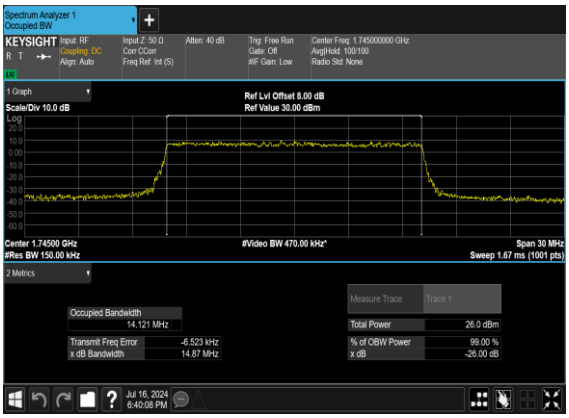


N66(15M)_CP-OFDM_QPSK_Outer_Full_Mid_CH

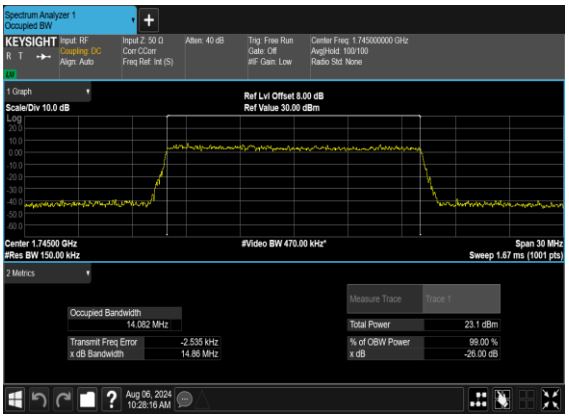
N66(15M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



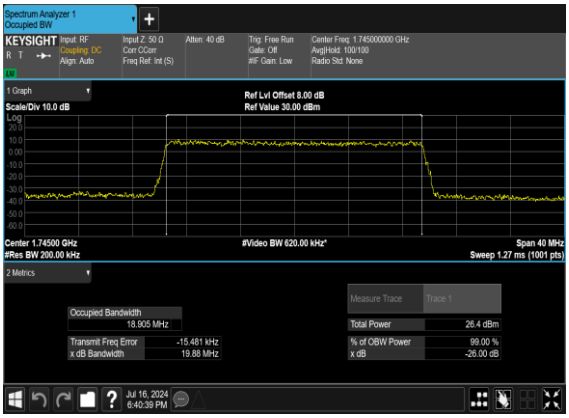
N66(15M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH



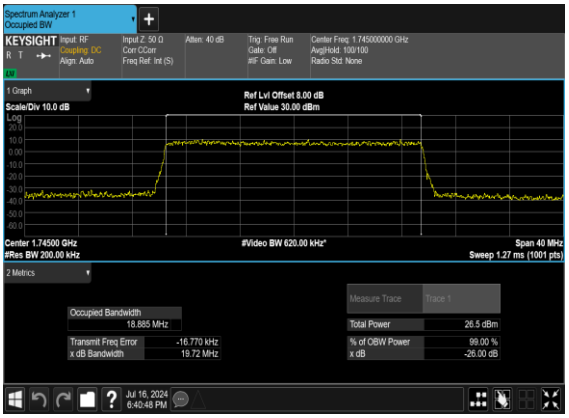
N66(15M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH



N66(20M)_CP-OFDM_QPSK_Outer_Full_Mid_CH

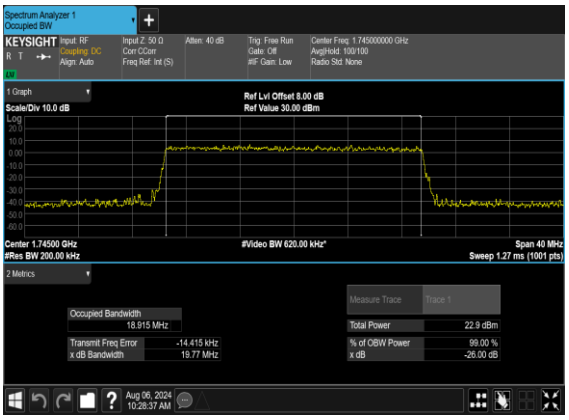


N66(20M)_CP-OFDM_16QAM_Outer_Full_Mid_CH



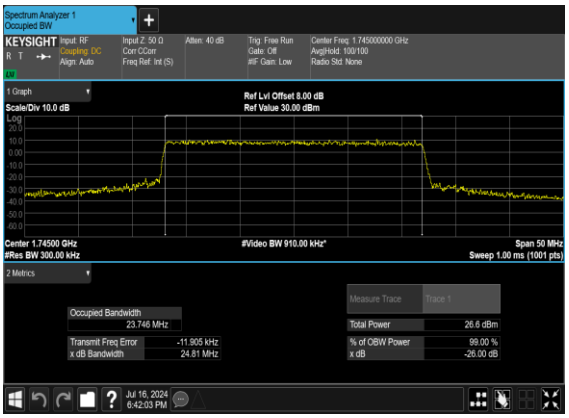
N66(20M)_CP-OFDM_64QAM_Outer_Full_Mid_CH

N66(20M)_CP-OFDM_256QAM_Outer_Full_Mid_CH

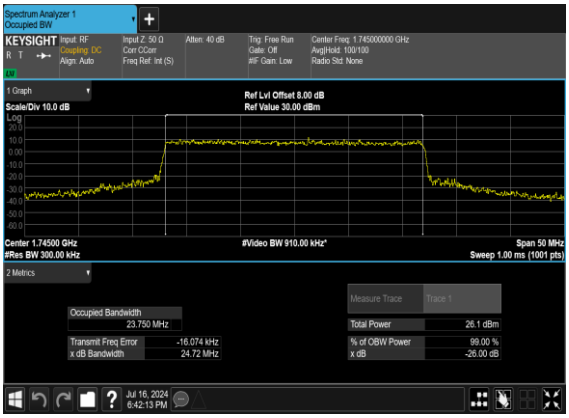


N66(25M)_CP-OFDM_QPSK_Outer_Full_Mid_CH

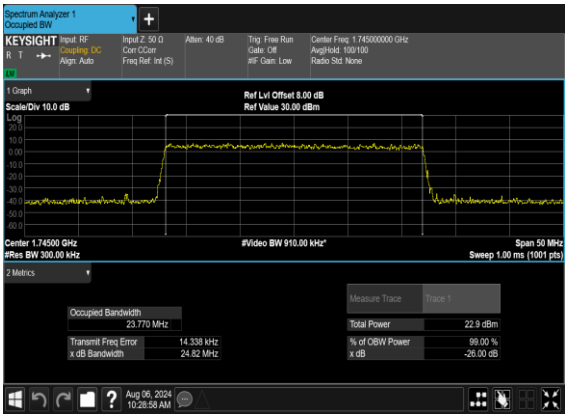
N66(25M)_CP-OFDM_16QAM_Outer_Full_Mid_CH



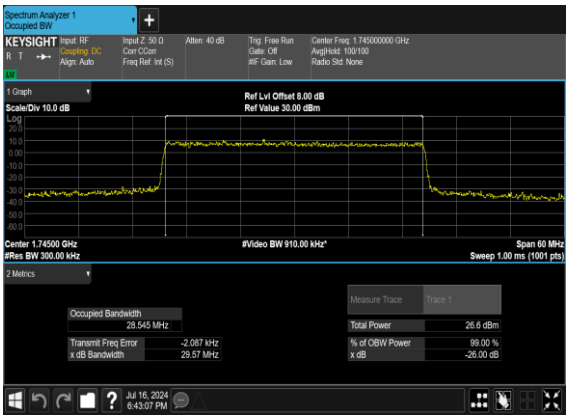
N66(25M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH



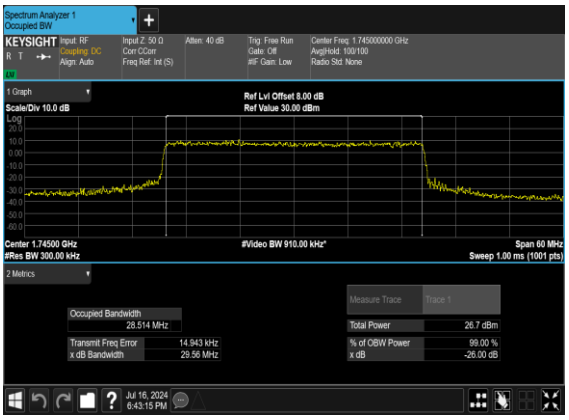
N66(25M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH



N66(30M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



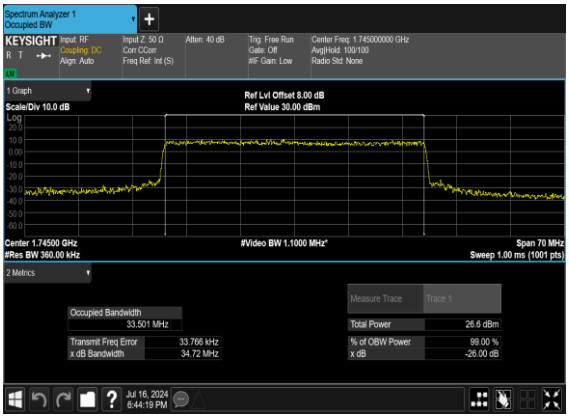
N66(30M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



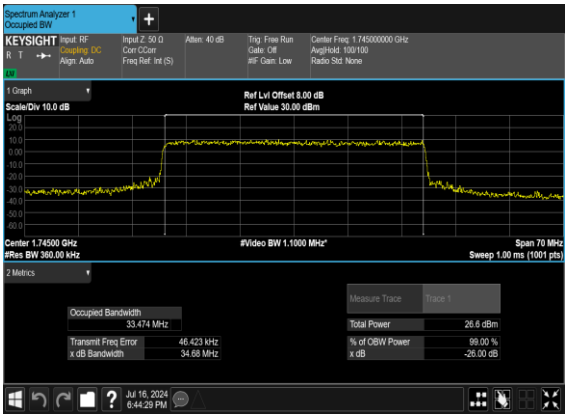
N66(30M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH

N66(30M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH

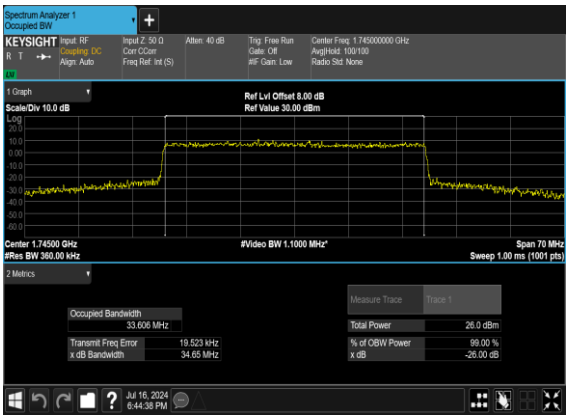
N66(35M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



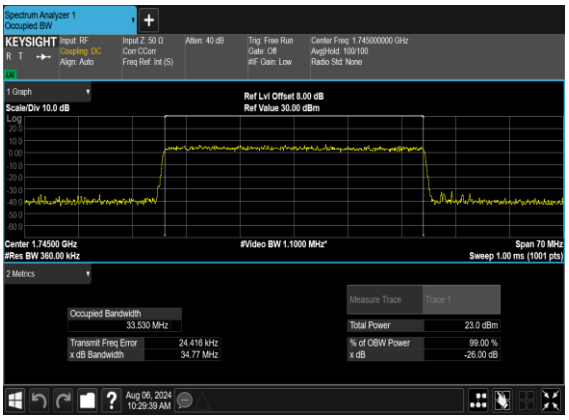
N66(35M)_CP-OFDM_16QAM_Outer_Full_Mid_CH



N66(35M)_CP-OFDM_64QAM_Outer_Full_Mid_CH



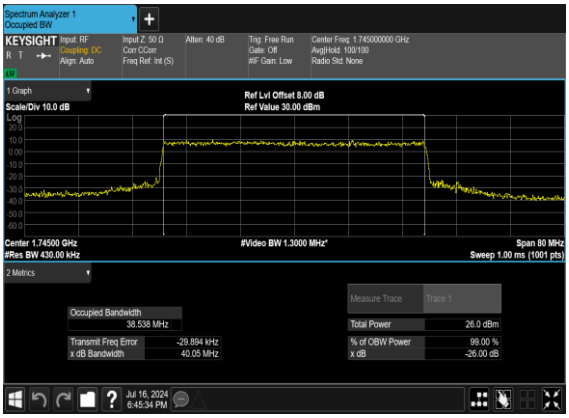
N66(35M)_CP-OFDM_256QAM_Outer_Full_Mid_CH



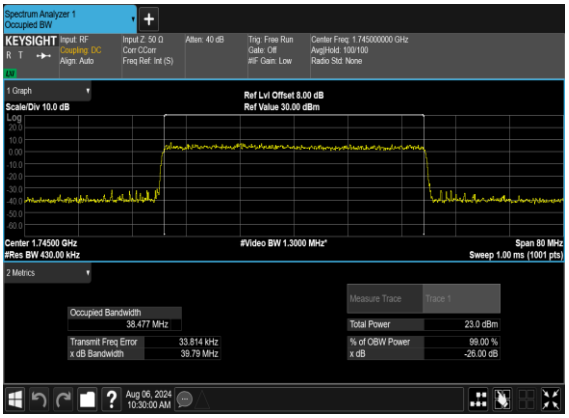
N66(40M)_CP-OFDM_QPSK_Outer_Full_Mid_CH

N66(40M)_CP-OFDM_16QAM_Outer_Full_Mid_CH

N66(40M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH



N66(40M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH

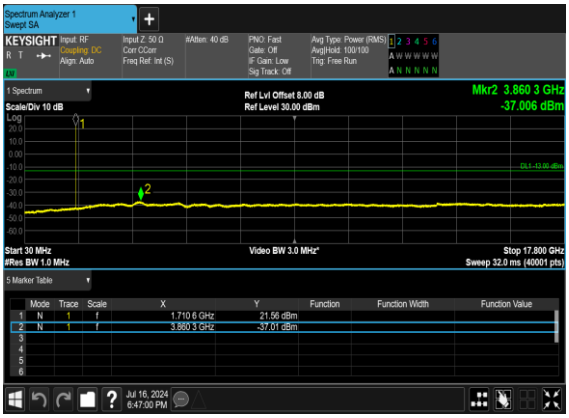


Conducted Spurious Emissions

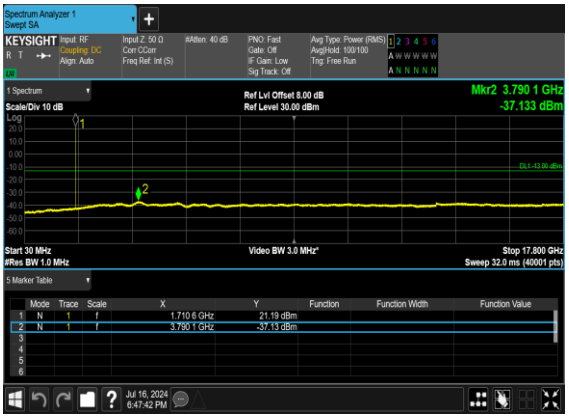
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
66	15	5	342500	1712.5	DFT-s-OFDM BPSK	1@0	see graph	---
66	15	5	342500	1712.5	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
66	15	5	342500	1712.5	DFT-s-OFDM QPSK	1@0	see graph	---
66	15	5	342500	1712.5	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
66	15	5	349000	1745.0	DFT-s-OFDM BPSK	1@0	see graph	---
66	15	5	349000	1745.0	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
66	15	5	349000	1745.0	DFT-s-OFDM QPSK	1@0	see graph	---
66	15	5	349000	1745.0	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
66	15	5	355500	1777.5	DFT-s-OFDM BPSK	1@0	see graph	---
66	15	5	355500	1777.5	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
66	15	5	355500	1777.5	DFT-s-OFDM QPSK	1@0	see graph	---
66	15	5	355500	1777.5	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
66	15	20	344000	1720.0	DFT-s-OFDM BPSK	1@0	see graph	---
66	15	20	344000	1720.0	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
66	15	20	344000	1720.0	DFT-s-OFDM QPSK	1@0	see graph	---
66	15	20	344000	1720.0	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
66	15	20	349000	1745.0	DFT-s-OFDM BPSK	1@0	see graph	---
66	15	20	349000	1745.0	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	1@0	see graph	---
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
66	15	20	354000	1770.0	DFT-s-OFDM BPSK	1@0	see graph	---
66	15	20	354000	1770.0	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
66	15	20	354000	1770.0	DFT-s-OFDM QPSK	1@0	see graph	---

66	15	20	354000	1770.0	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
66	15	40	346000	1730.0	DFT-s-OFDM BPSK	1@0	see graph	**---**
66	15	40	346000	1730.0	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
66	15	40	346000	1730.0	DFT-s-OFDM QPSK	1@0	see graph	**---**
66	15	40	346000	1730.0	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
66	15	40	349000	1745.0	DFT-s-OFDM BPSK	1@0	see graph	**---**
66	15	40	349000	1745.0	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
66	15	40	349000	1745.0	DFT-s-OFDM QPSK	1@0	see graph	**---**
66	15	40	349000	1745.0	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
66	15	40	352000	1760.0	DFT-s-OFDM BPSK	1@0	see graph	**---**
66	15	40	352000	1760.0	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
66	15	40	352000	1760.0	DFT-s-OFDM QPSK	1@0	see graph	**---**
66	15	40	352000	1760.0	DFT-s-OFDM QPSK	1@0	see graph	**PASS**

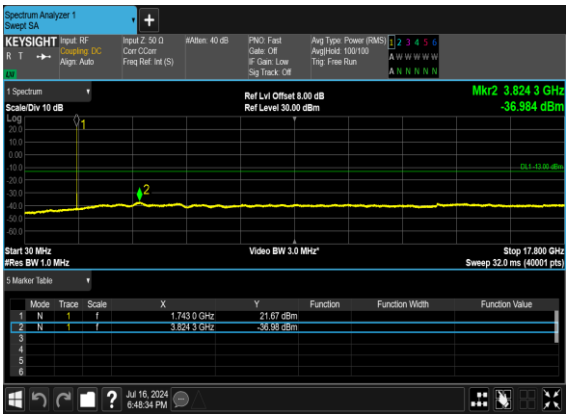
N66(5M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



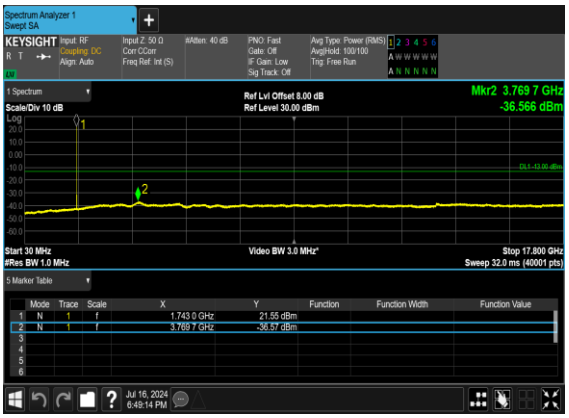
N66(5M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



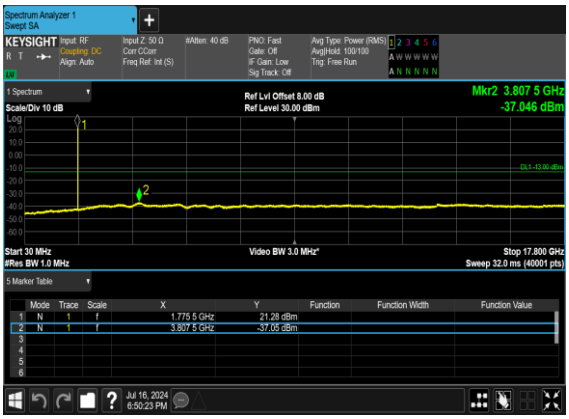
N66(5M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



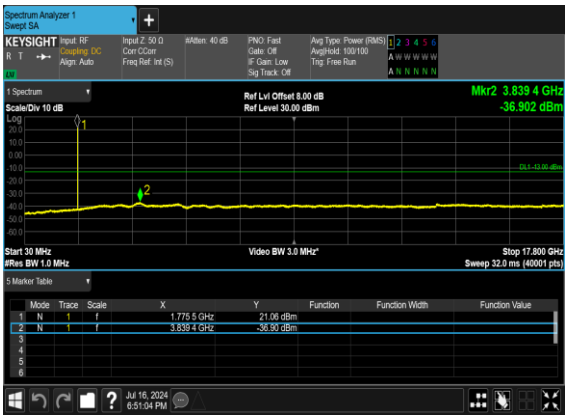
N66(5M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



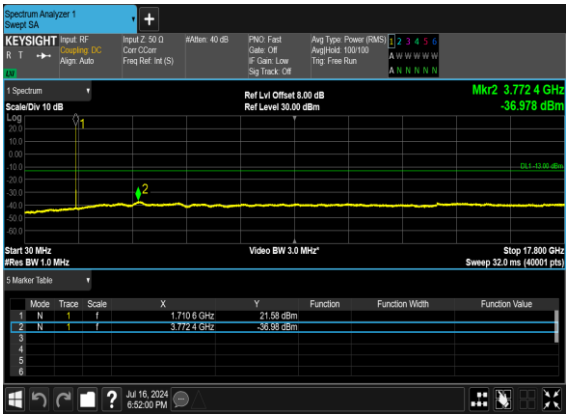
N66(5M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



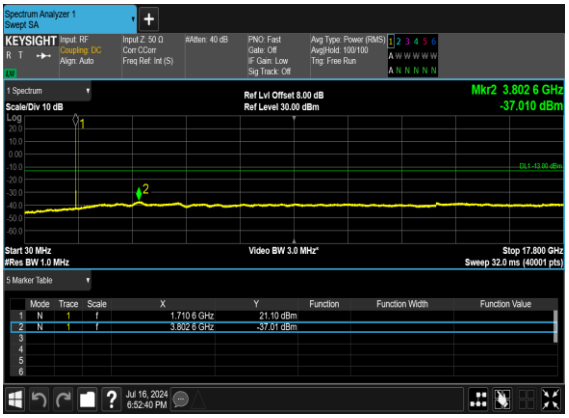
N66(5M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH



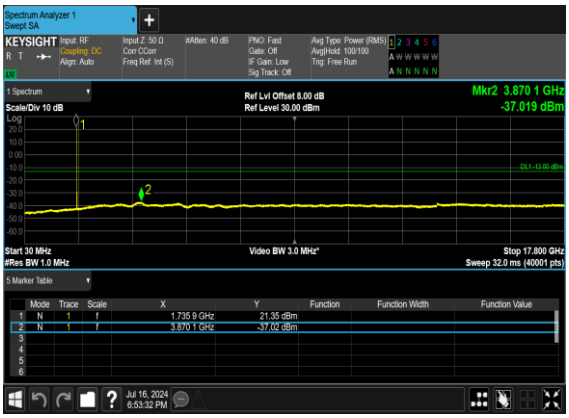
N66(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



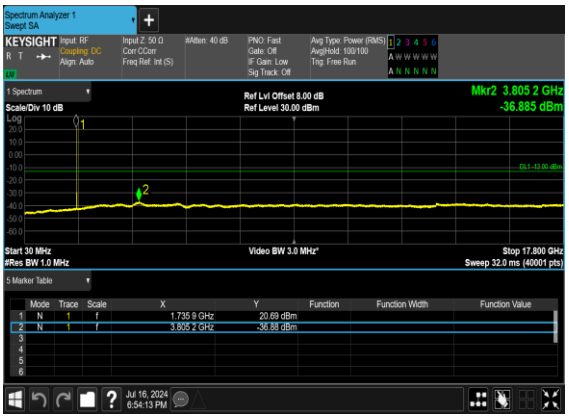
N66(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



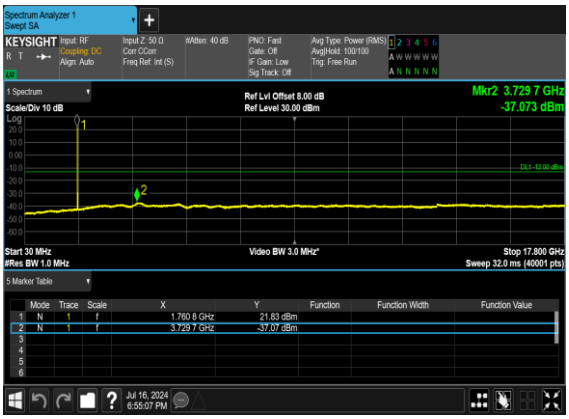
N66(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



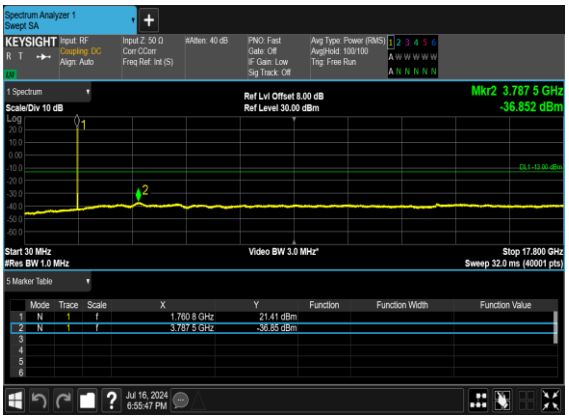
N66(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



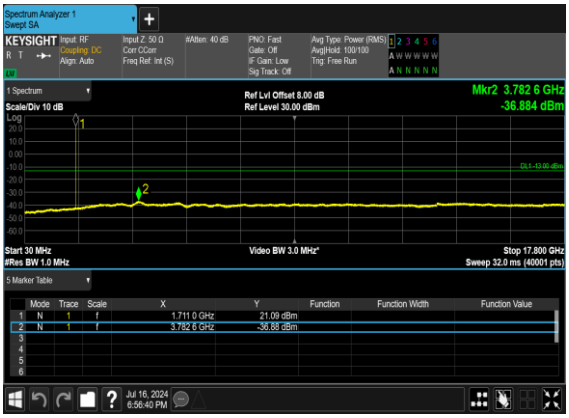
N66(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



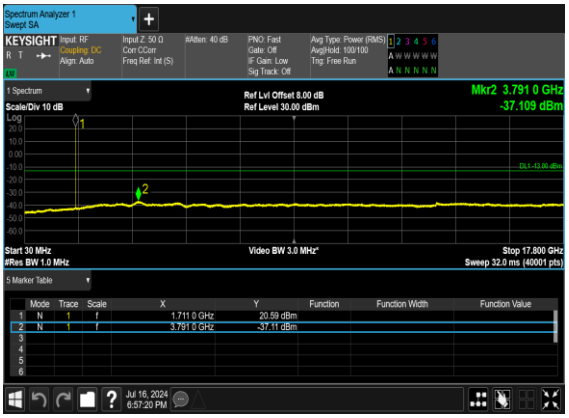
N66(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH



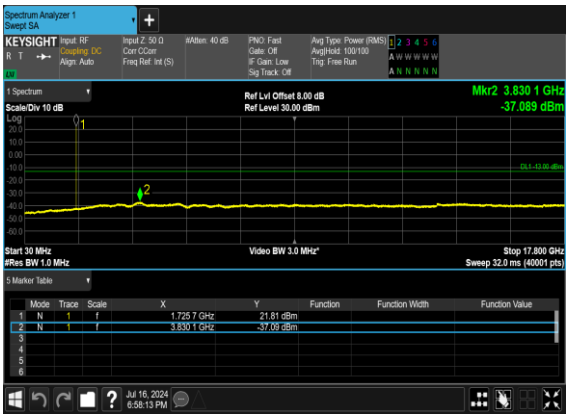
N66(40M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



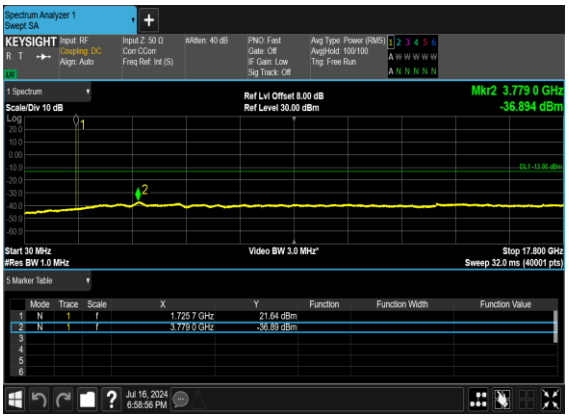
N66(40M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



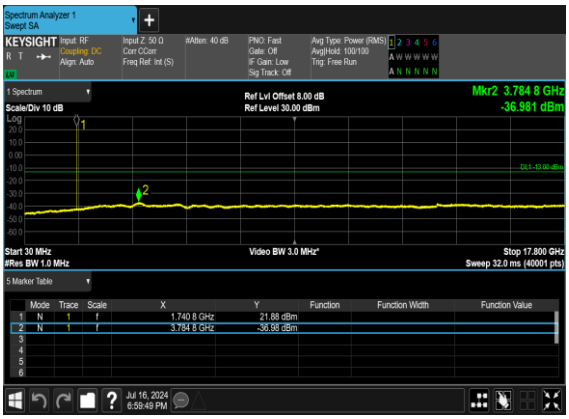
N66(40M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



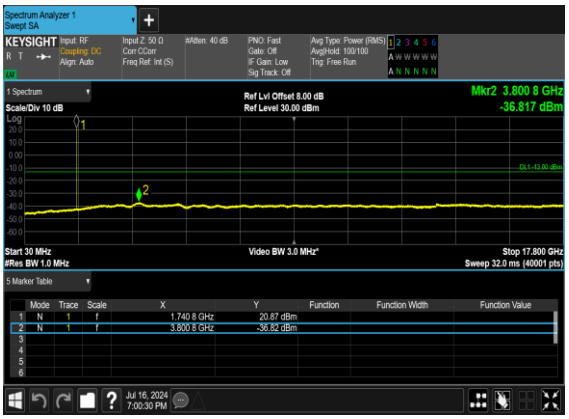
N66(40M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



N66(40M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



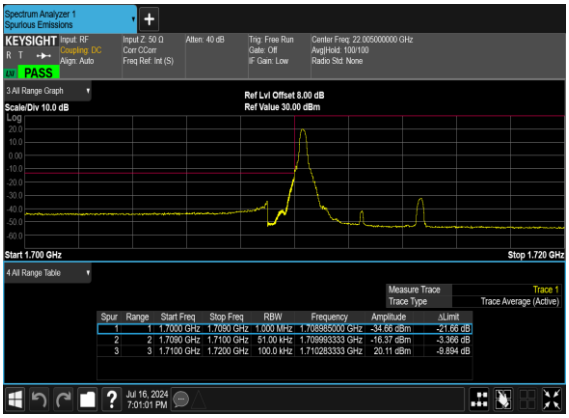
N66(40M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH



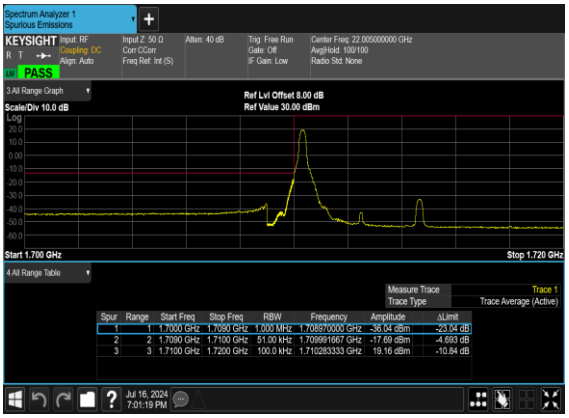
Conducted Band Edge

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
66	15	5	342500	1712.5	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
66	15	5	342500	1712.5	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
66	15	5	342500	1712.5	DFT-s-OFDM BPSK	25@0	see graph	**PASS**
66	15	5	342500	1712.5	DFT-s-OFDM QPSK	25@0	see graph	**PASS**
66	15	5	355500	1777.5	DFT-s-OFDM BPSK	1@24	see graph	**PASS**
66	15	5	355500	1777.5	DFT-s-OFDM QPSK	1@24	see graph	**PASS**
66	15	5	355500	1777.5	DFT-s-OFDM BPSK	25@0	see graph	**PASS**
66	15	5	355500	1777.5	DFT-s-OFDM QPSK	25@0	see graph	**PASS**
66	15	20	344000	1720.0	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
66	15	20	344000	1720.0	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
66	15	20	344000	1720.0	DFT-s-OFDM BPSK	100@0	see graph	**PASS**
66	15	20	344000	1720.0	DFT-s-OFDM QPSK	100@0	see graph	**PASS**
66	15	20	354000	1770.0	DFT-s-OFDM BPSK	1@105	see graph	**PASS**
66	15	20	354000	1770.0	DFT-s-OFDM QPSK	1@105	see graph	**PASS**
66	15	20	354000	1770.0	DFT-s-OFDM BPSK	100@0	see graph	**PASS**
66	15	20	354000	1770.0	DFT-s-OFDM QPSK	100@0	see graph	**PASS**
66	15	40	346000	1730.0	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
66	15	40	346000	1730.0	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
66	15	40	346000	1730.0	DFT-s-OFDM BPSK	216@0	see graph	**PASS**
66	15	40	346000	1730.0	DFT-s-OFDM QPSK	216@0	see graph	**PASS**
66	15	40	352000	1760.0	DFT-s-OFDM BPSK	1@215	see graph	**PASS**
66	15	40	352000	1760.0	DFT-s-OFDM QPSK	1@215	see graph	**PASS**
66	15	40	352000	1760.0	DFT-s-OFDM BPSK	216@0	see graph	**PASS**
66	15	40	352000	1760.0	DFT-s-OFDM QPSK	216@0	see graph	**PASS**

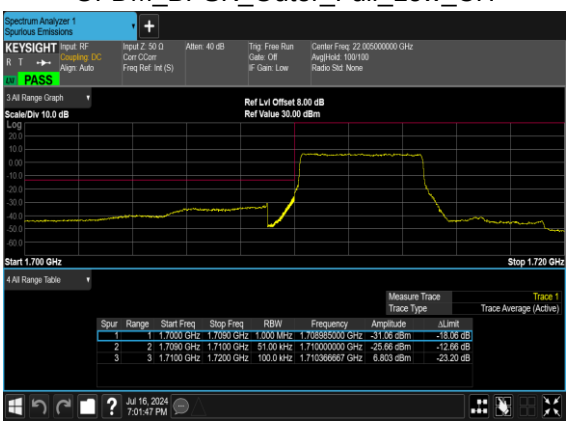
N66(5M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



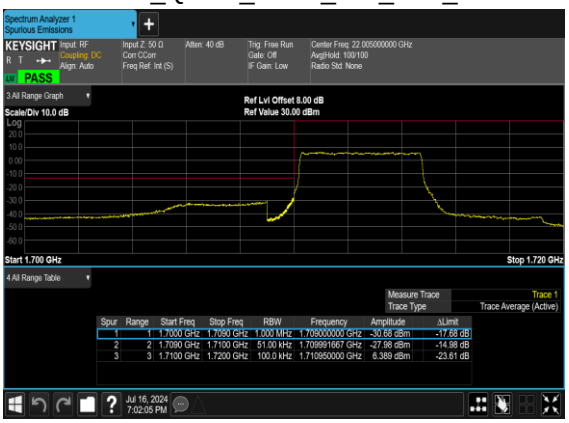
N66(5M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



N66(5M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH

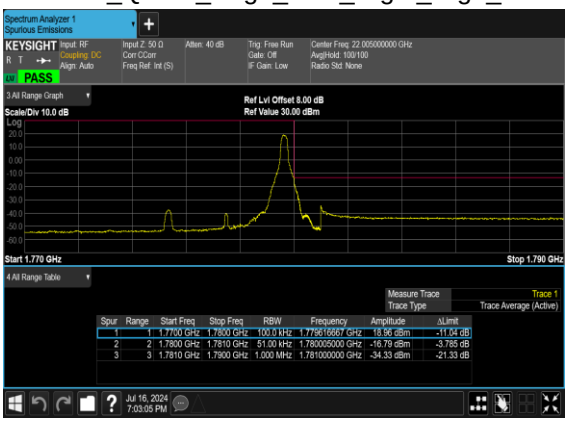


N66(5M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH

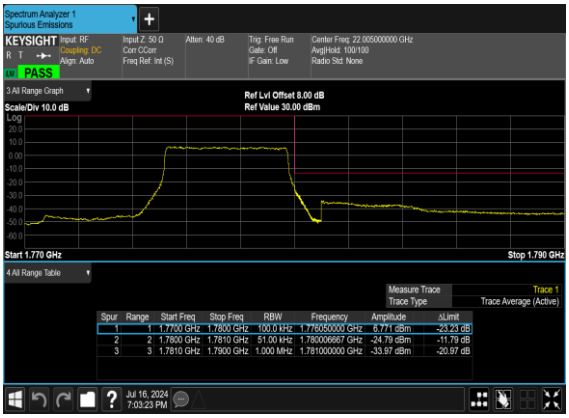


N66(5M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH

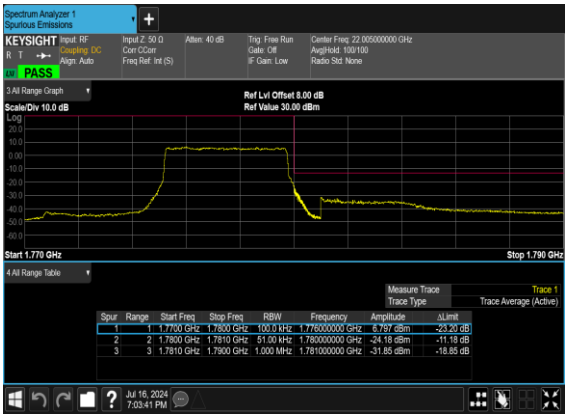
N66(5M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH



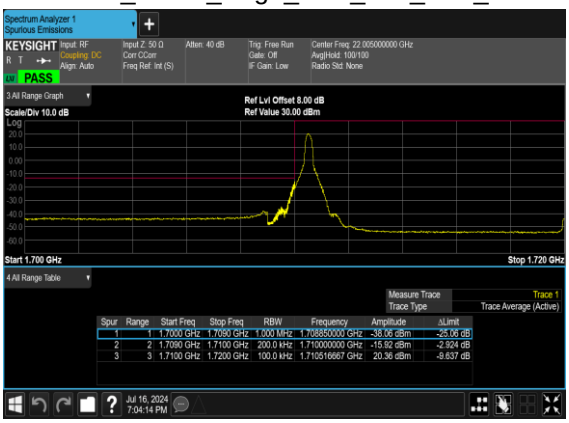
N66(5M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH



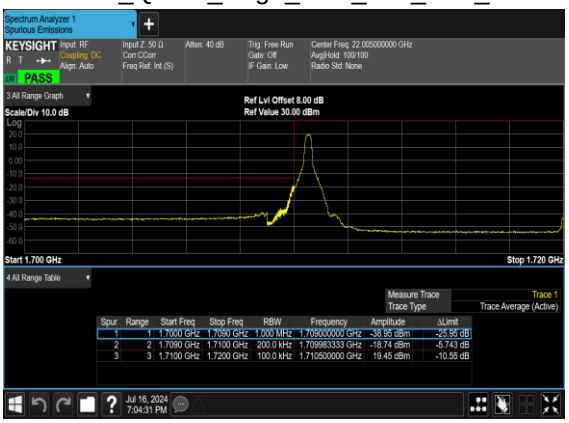
N66(5M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH



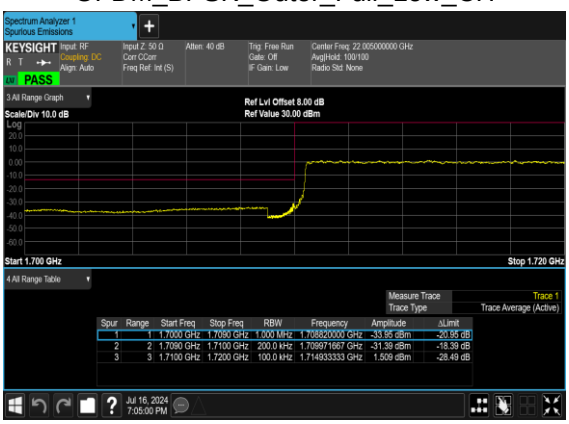
N66(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



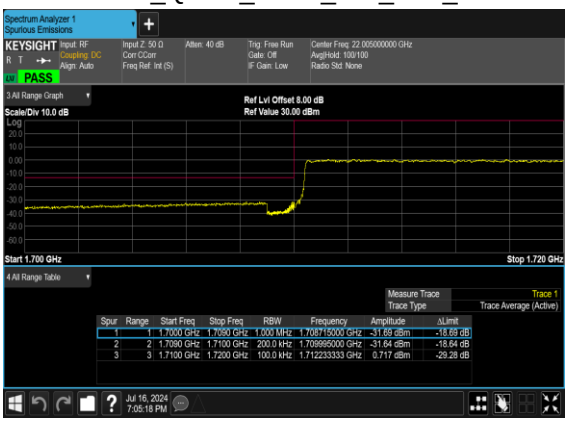
N66(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



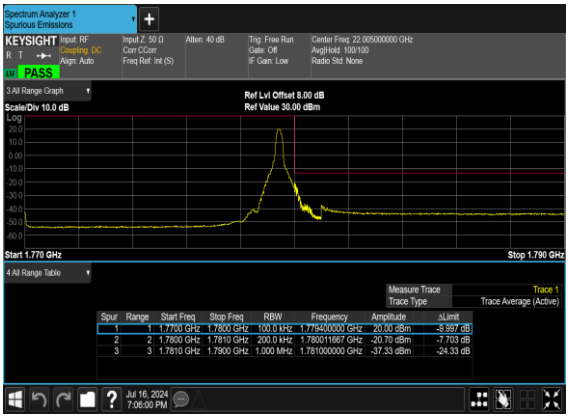
N66(20M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH



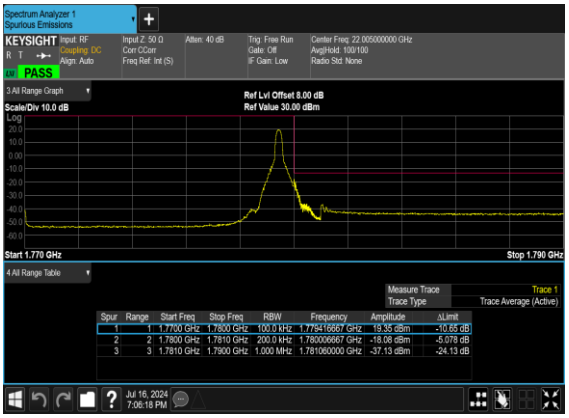
N66(20M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH



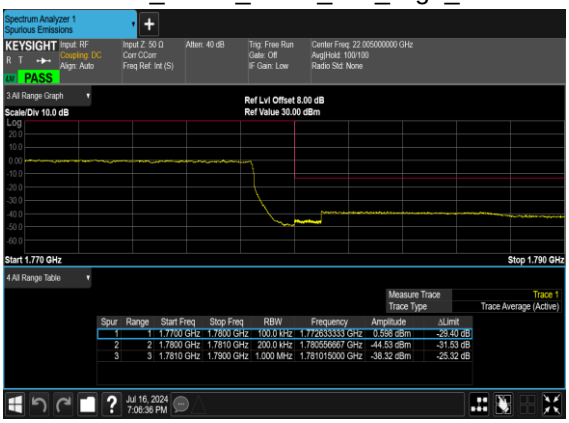
N66(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH



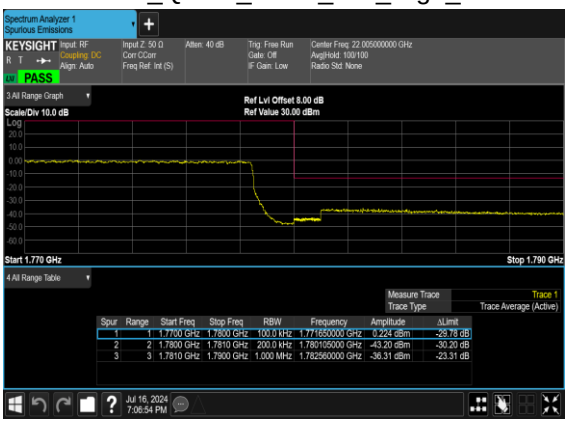
N66(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH



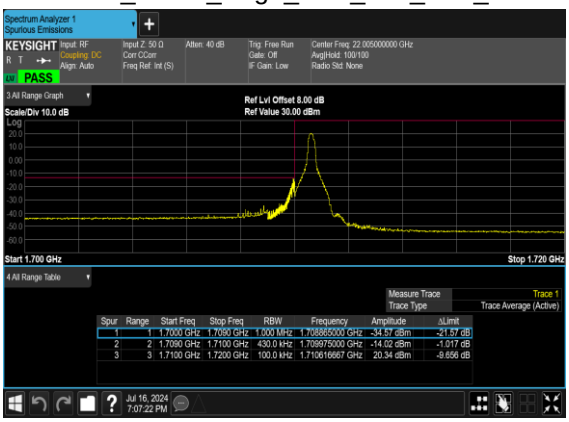
N66(20M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH



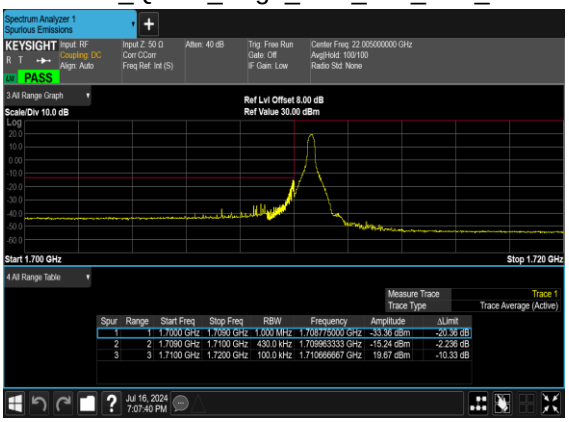
N66(20M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH



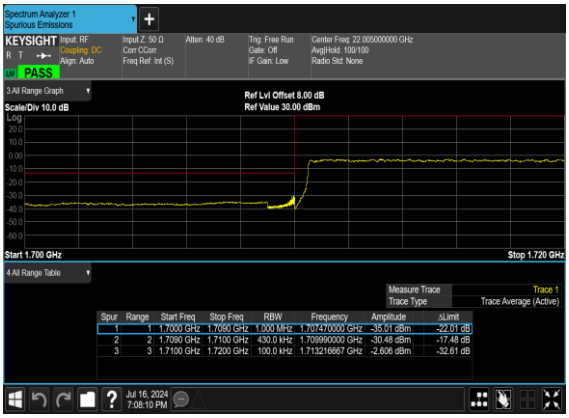
N66(40M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



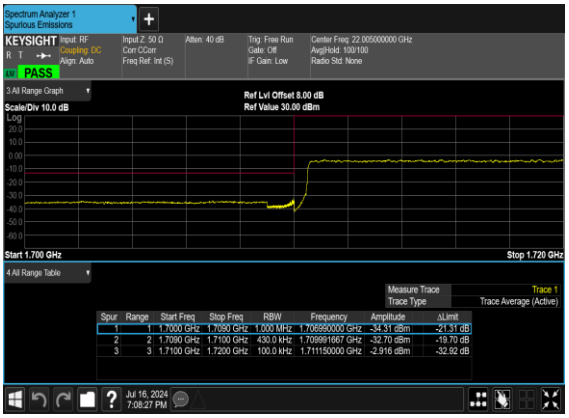
N66(40M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



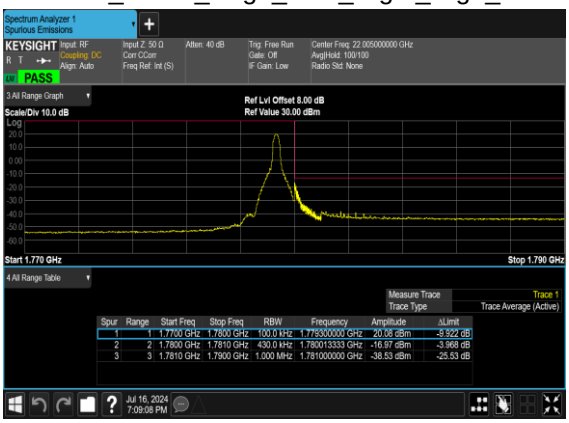
N66(40M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH



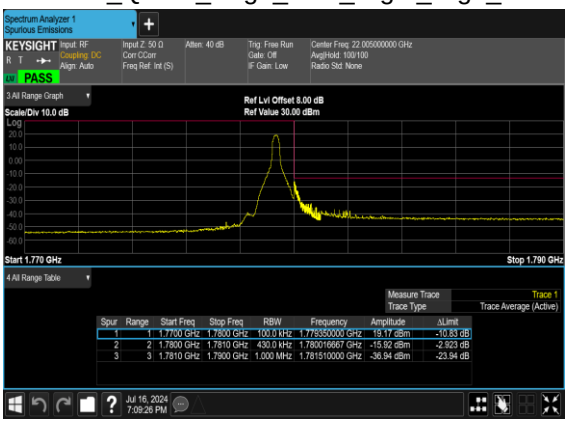
N66(40M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH



N66(40M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH

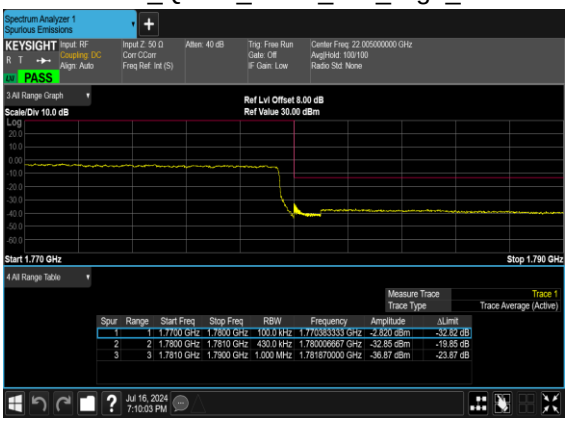


N66(40M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH



N66(40M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH

N66(40M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH



Software Version: 23.06.1602

FR1 N70-SCS 15k

Transmitter Conducted Output Power And EIRP, (G_T - L_C)=3.98dB

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	22.62	26.6	0.4571
70	15	5	339500	1697.5	DFT-s-OFDM 16 QAM	1@1	21.7	25.68	0.3698
70	15	5	340500	1702.5	DFT-s-OFDM QPSK	1@1	22.61	26.59	0.4560
70	15	5	340500	1702.5	DFT-s-OFDM 16 QAM	1@1	21.57	25.55	0.3589
70	15	5	341500	1707.5	DFT-s-OFDM QPSK	1@1	22.49	26.47	0.4436
70	15	5	341500	1707.5	DFT-s-OFDM 16 QAM	1@1	21.7	25.68	0.3698
70	15	10	340000	1700	DFT-s-OFDM QPSK	1@1	22.55	26.53	0.4498
70	15	10	340000	1700	DFT-s-OFDM 16 QAM	1@1	21.68	25.66	0.3681
70	15	10	340500	1702.5	DFT-s-OFDM QPSK	1@1	22.68	26.66	0.4634
70	15	10	340500	1702.5	DFT-s-OFDM 16 QAM	1@1	21.57	25.55	0.3589
70	15	10	341000	1705	DFT-s-OFDM QPSK	1@1	22.73	26.71	0.4688
70	15	10	341000	1705	DFT-s-OFDM 16 QAM	1@1	21.79	25.77	0.3776
70	15	15	340500	1702.5	DFT-s-OFDM PI/2 BPSK	36@18	22.68	26.66	0.4634
70	15	15	340500	1702.5	DFT-s-OFDM PI/2 BPSK	1@1	22.69	26.67	0.4645
70	15	15	340500	1702.5	DFT-s-OFDM PI/2 BPSK	1@77	22.56	26.54	0.4508
70	15	15	340500	1702.5	DFT-s-OFDM QPSK	36@18	22.7	26.68	0.4656
70	15	15	340500	1702.5	DFT-s-OFDM QPSK	1@1	22.79	26.77	0.4753
70	15	15	340500	1702.5	DFT-s-OFDM QPSK	1@77	22.59	26.57	0.4539
70	15	15	340500	1702.5	DFT-s-OFDM 16 QAM	36@18	21.71	25.69	0.3707
70	15	15	340500	1702.5	DFT-s-OFDM 16 QAM	1@1	21.82	25.8	0.3802
70	15	15	340500	1702.5	DFT-s-OFDM 16 QAM	1@77	21.74	25.72	0.3733
70	15	15	340500	1702.5	DFT-s-OFDM 64 QAM	36@18	20.31	24.29	0.2685
70	15	15	340500	1702.5	DFT-s-OFDM 64 QAM	1@1	20.4	24.38	0.2742
70	15	15	340500	1702.5	DFT-s-OFDM 64 QAM	1@77	20.25	24.23	0.2649
70	15	15	340500	1702.5	DFT-s-OFDM 256 QAM	36@18	18.13	22.11	0.1626
70	15	15	340500	1702.5	DFT-s-OFDM 256 QAM	1@1	18	21.98	0.1578
70	15	15	340500	1702.5	DFT-s-OFDM 256 QAM	1@77	17.86	21.84	0.1528
70	15	15	340500	1702.5	CP-OFDM QPSK	39@19	21.22	25.2	0.3311
70	15	15	340500	1702.5	CP-OFDM QPSK	1@1	21.42	25.4	0.3467
70	15	15	340500	1702.5	CP-OFDM QPSK	1@77	21.36	25.34	0.3420

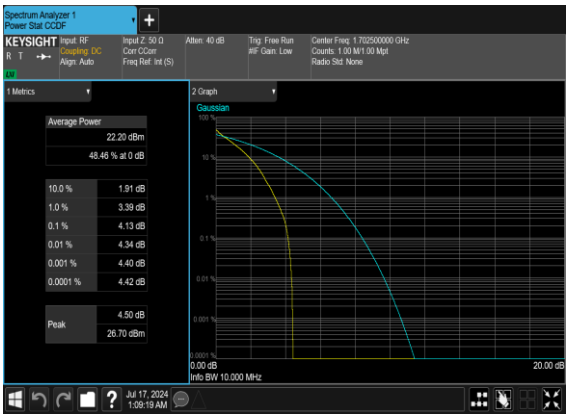
Frequency Stability

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	0.0043	**PASS**	NV
70	15	10	340500	1702.5	DFT-s-OFDM QPSK	50@0	0.0068	**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	0.0046	**PASS**	-30℃
70	15	10	340500	1702.5	DFT-s-OFDM QPSK	50@0	0.0056	**PASS**	-20℃
70	15	10	340500	1702.5	DFT-s-OFDM QPSK	50@0	0.0054	**PASS**	-10℃
70	15	10	340500	1702.5	DFT-s-OFDM QPSK	50@0	0.0025	**PASS**	0℃
70	15	10	340500	1702.5	DFT-s-OFDM QPSK	50@0	0.0055	**PASS**	10℃
70	15	10	340500	1702.5	DFT-s-OFDM QPSK	50@0	0.0043	**PASS**	20℃
70	15	10	340500	1702.5	DFT-s-OFDM QPSK	50@0	0.0022	**PASS**	30℃
70	15	10	340500	1702.5	DFT-s-OFDM QPSK	50@0	0.0022	**PASS**	40℃
70	15	10	340500	1702.5	DFT-s-OFDM QPSK	50@0	0.0052	**PASS**	50℃

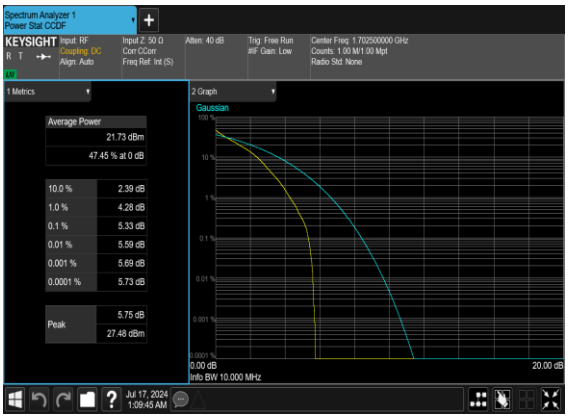
Peak to Average Ratio

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	4.13	13	**PASS**
70	15	10	340500	1702.5	DFT-s-OFDM QPSK	50@0	5.33	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	4.4674	5.054
70	15	5	340500	1702.5	CP-OFDM 16 QAM	25@0	4.4782	5.04
70	15	5	340500	1702.5	CP-OFDM 64 QAM	25@0	4.468	5.038
70	15	5	340500	1702.5	CP-OFDM 256 QAM	25@0	4.4854	5.143
70	15	10	340500	1702.5	CP-OFDM QPSK	52@0	9.2826	10.1
70	15	10	340500	1702.5	CP-OFDM 16 QAM	52@0	9.2958	9.895
70	15	10	340500	1702.5	CP-OFDM 64 QAM	52@0	9.2878	10.01
70	15	10	340500	1702.5	CP-OFDM 256 QAM	52@0	9.2869	10.04
70	15	15	340500	1702.5	CP-OFDM QPSK	79@0	14.063	14.89
70	15	15	340500	1702.5	CP-OFDM 16 QAM	79@0	14.106	14.9
70	15	15	340500	1702.5	CP-OFDM 64 QAM	79@0	14.104	14.82
70	15	15	340500	1702.5	CP-OFDM 256 QAM	79@0	14.084	14.87