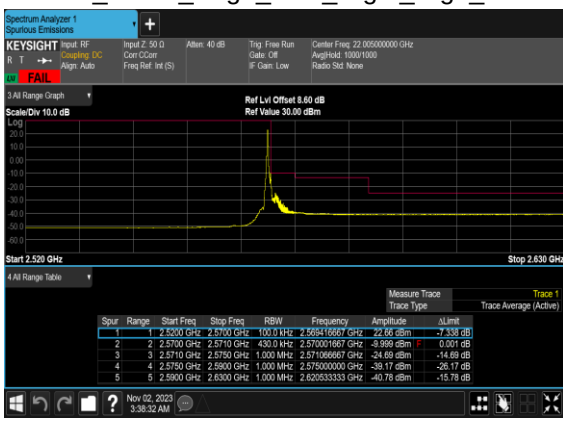
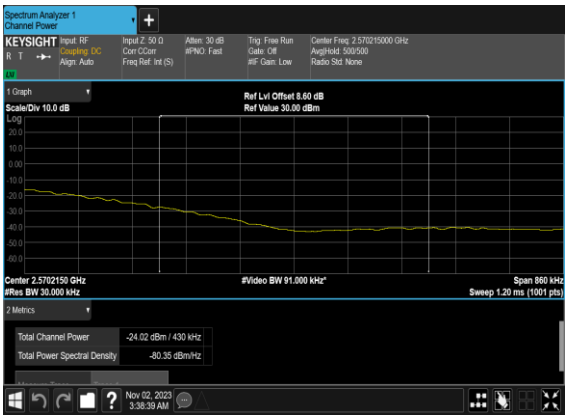
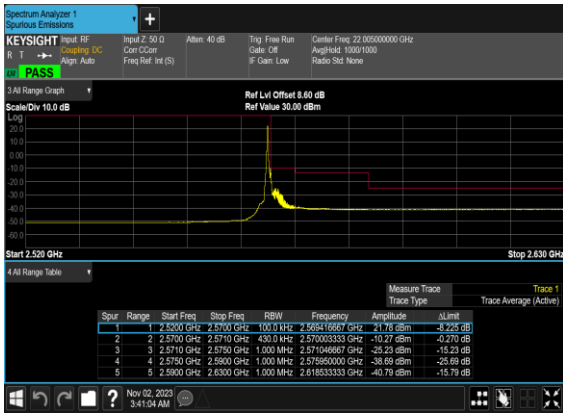
N7(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH



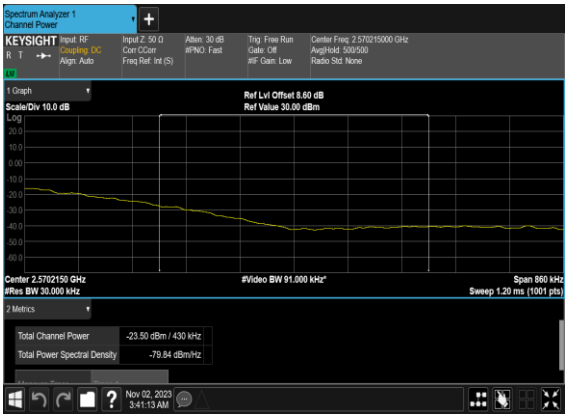
N7(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH_CHP_PASS



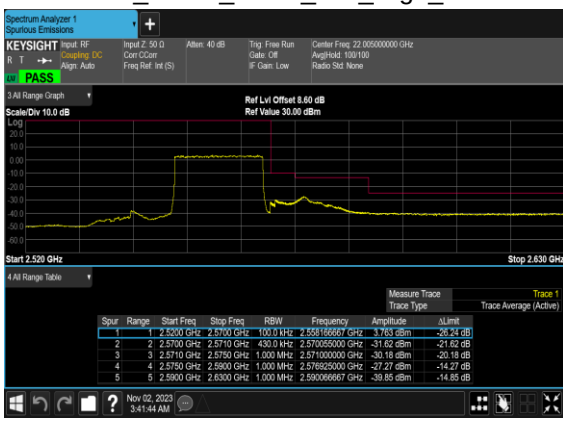
N7(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH



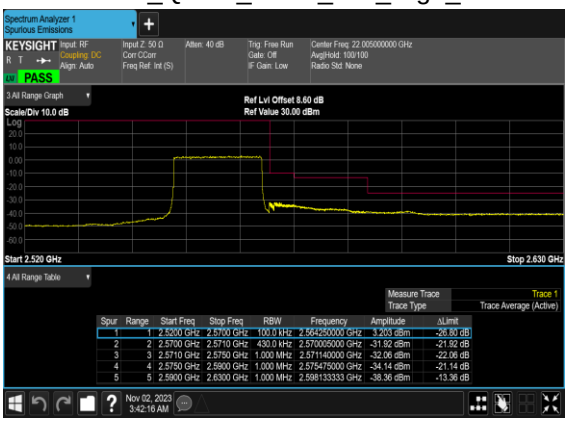
N7(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH_CHP_PASS



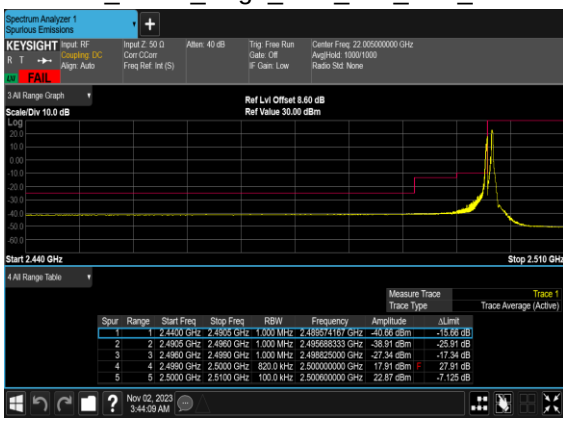
N7(20M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH



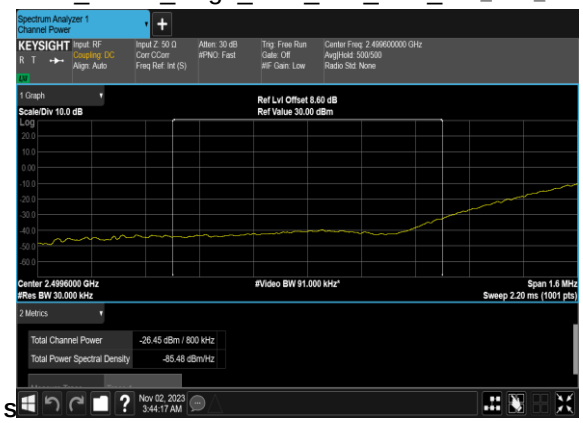
N7(20M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH



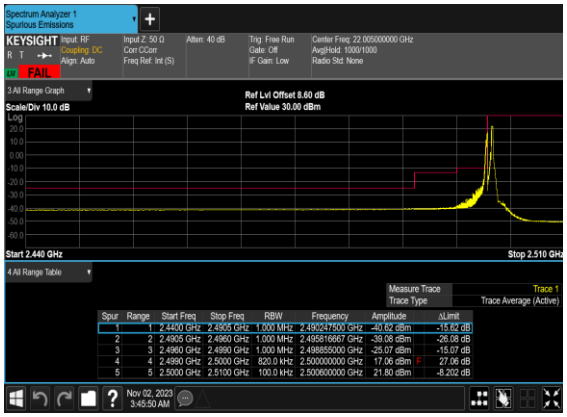
N7(40M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



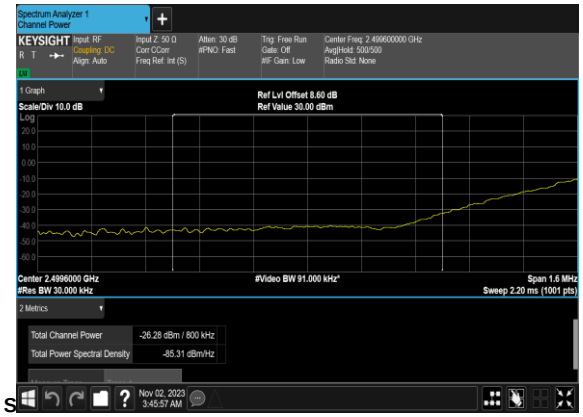
N7(40M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH_CHP_PAS



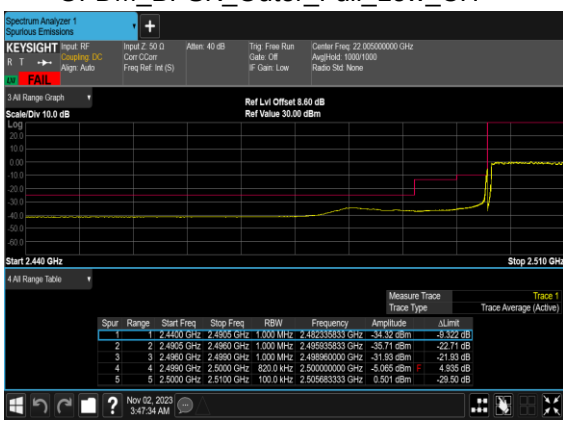
N7(40M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



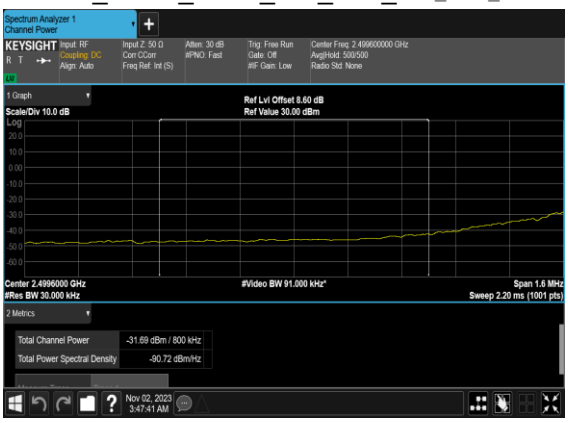
N7(40M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH_CHP_PAS



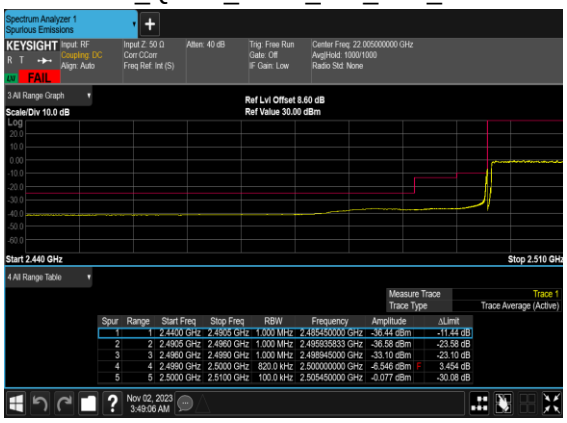
N7(40M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH



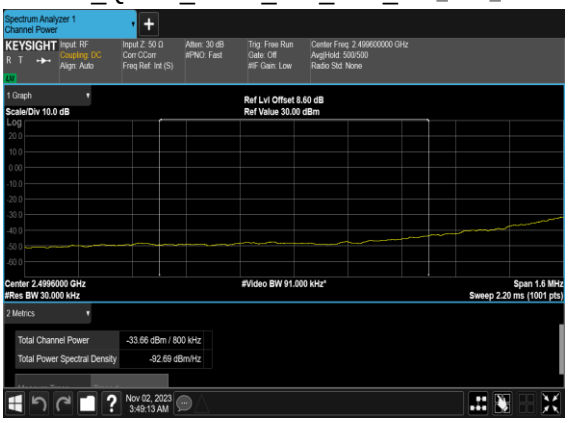
N7(40M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH_CHP_PASS



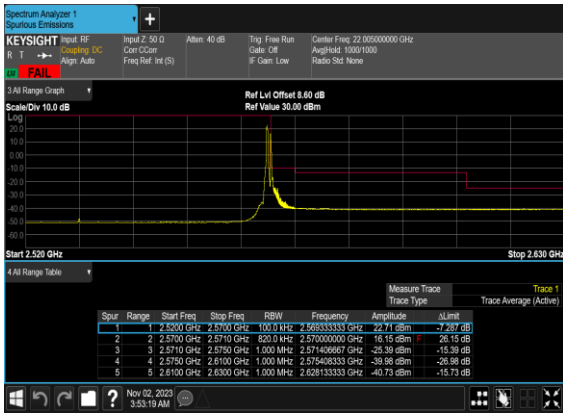
N7(40M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH



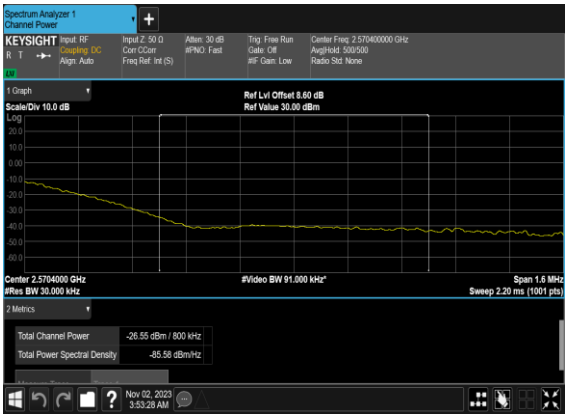
N7(40M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH_**CHP_PASS**



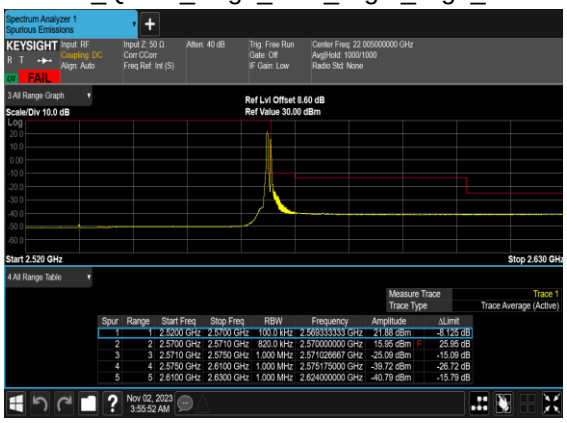
N7(40M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH



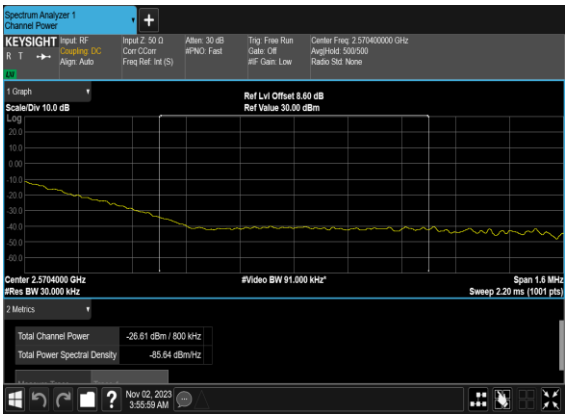
N7(40M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH_**CHP_PASS**



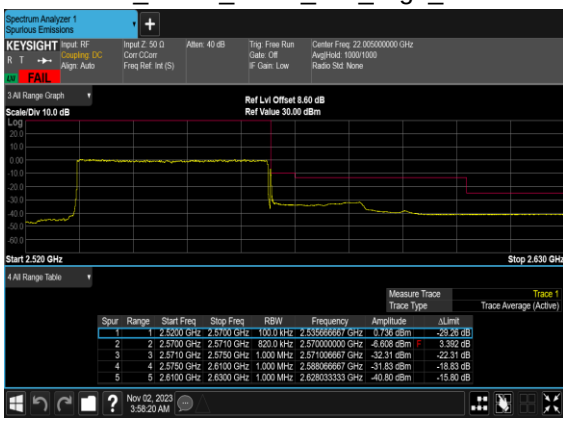
N7(40M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH



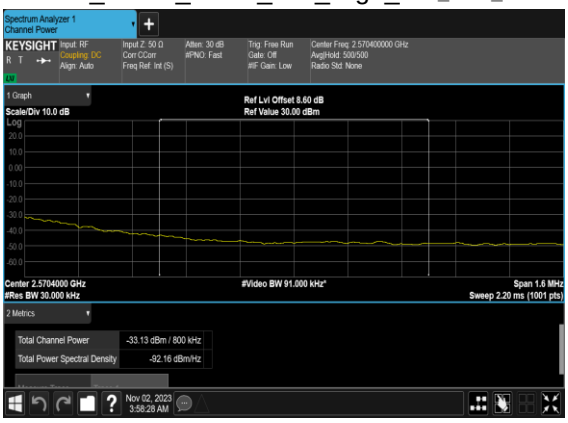
N7(40M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH_**CHP_PASS**



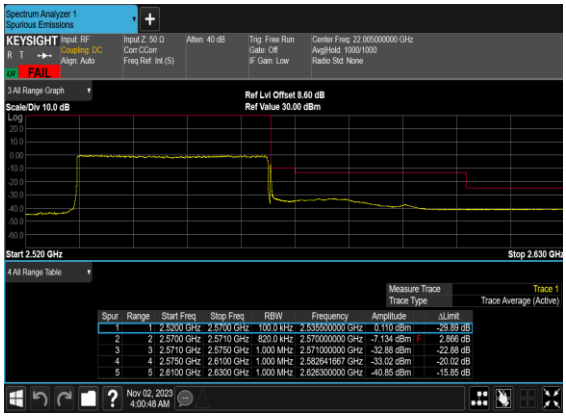
N7(40M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH



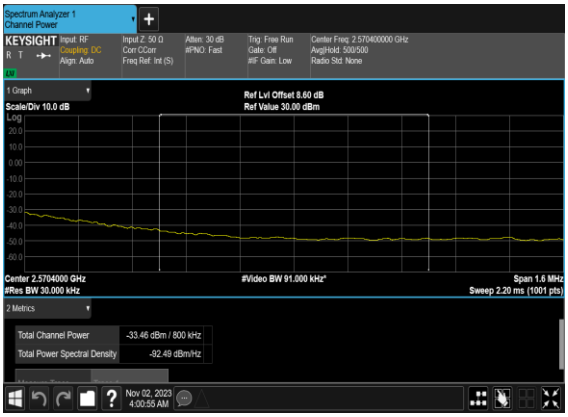
N7(40M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH_CHP_PASS



N7(40M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH



N7(40M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH_CHP_PASS



Note “CHP” means channel power integration method.

Software Version: 23.06.1602

FR1 N12(ANT0)

Transmitter Conducted Output Power And ERP, (G_T - L_C)=-2.7dB

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Conducted Power(dBm)	ERP (dBm)	ERP (W)
12	15	5	140300	701.5	DFT-s-OFDM QPSK	1@1	24.39	19.54	0.0899
12	15	5	140300	701.5	DFT-s-OFDM 16 QAM	1@1	23.56	18.71	0.0743
12	15	5	141500	707.5	DFT-s-OFDM QPSK	1@1	24.34	19.49	0.0889
12	15	5	141500	707.5	DFT-s-OFDM 16 QAM	1@1	23.81	18.96	0.0787
12	15	5	142700	713.5	DFT-s-OFDM QPSK	1@1	24.52	19.67	0.0927
12	15	5	142700	713.5	DFT-s-OFDM 16 QAM	1@1	23.92	19.07	0.0807
12	15	10	140800	704	DFT-s-OFDM QPSK	1@1	24.4	19.55	0.0902
12	15	10	140800	704	DFT-s-OFDM 16 QAM	1@1	23.56	18.71	0.0743
12	15	10	141500	707.5	DFT-s-OFDM QPSK	1@1	24.16	19.31	0.0853
12	15	10	141500	707.5	DFT-s-OFDM 16 QAM	1@1	23.34	18.49	0.0706
12	15	10	142200	711	DFT-s-OFDM QPSK	1@1	24.63	19.78	0.0951
12	15	10	142200	711	DFT-s-OFDM 16 QAM	1@1	23.85	19	0.0794
12	15	15	141300	706.5	DFT-s-OFDM PI/2 BPSK	36@18	24.75	19.9	0.0977
12	15	15	141300	706.5	DFT-s-OFDM PI/2 BPSK	1@1	24.76	19.91	0.0979
12	15	15	141300	706.5	DFT-s-OFDM PI/2 BPSK	1@77	24.86	20.01	0.1002
12	15	15	141300	706.5	DFT-s-OFDM QPSK	36@18	24.96	20.11	0.1026
12	15	15	141300	706.5	DFT-s-OFDM QPSK	1@1	24.9	20.05	0.1012
12	15	15	141300	706.5	DFT-s-OFDM QPSK	1@77	24.83	19.98	0.0995
12	15	15	141300	706.5	DFT-s-OFDM 16 QAM	36@18	23.98	19.13	0.0818
12	15	15	141300	706.5	DFT-s-OFDM 16 QAM	1@1	23.98	19.13	0.0818
12	15	15	141300	706.5	DFT-s-OFDM 16 QAM	1@77	23.92	19.07	0.0807
12	15	15	141300	706.5	DFT-s-OFDM 64 QAM	36@18	22.5	17.65	0.0582
12	15	15	141300	706.5	DFT-s-OFDM 64 QAM	1@1	22.39	17.54	0.0568
12	15	15	141300	706.5	DFT-s-OFDM 64 QAM	1@77	22.46	17.61	0.0577
12	15	15	141300	706.5	DFT-s-OFDM 256 QAM	36@18	20.42	15.57	0.0361

12	15	15	141300	706.5	DFT-s-OFDM 256 QAM	1@1	20.09	15.24	0.0334
12	15	15	141300	706.5	DFT-s-OFDM 256 QAM	1@77	20.12	15.27	0.0337
12	15	15	141300	706.5	CP-OFDM QPSK	39@19	23.38	18.53	0.0713
12	15	15	141300	706.5	CP-OFDM QPSK	1@1	22.96	18.11	0.0647
12	15	15	141300	706.5	CP-OFDM QPSK	1@77	23.33	18.48	0.0705
12	15	15	141500	707.5	DFT-s-OFDM PI/2 BPSK	36@18	25.18	20.33	0.1079
12	15	15	141500	707.5	DFT-s-OFDM PI/2 BPSK	1@1	24.87	20.02	0.1005
12	15	15	141500	707.5	DFT-s-OFDM PI/2 BPSK	1@77	24.91	20.06	0.1014
12	15	15	141500	707.5	DFT-s-OFDM QPSK	36@18	25.08	20.23	0.1054
12	15	15	141500	707.5	DFT-s-OFDM QPSK	1@1	24.84	19.99	0.0998
12	15	15	141500	707.5	DFT-s-OFDM QPSK	1@77	24.85	20	0.1000
12	15	15	141500	707.5	DFT-s-OFDM 16 QAM	36@18	23.96	19.11	0.0815
12	15	15	141500	707.5	DFT-s-OFDM 16 QAM	1@1	24	19.15	0.0822
12	15	15	141500	707.5	DFT-s-OFDM 16 QAM	1@77	23.96	19.11	0.0815
12	15	15	141500	707.5	DFT-s-OFDM 64 QAM	36@18	22.52	17.67	0.0585
12	15	15	141500	707.5	DFT-s-OFDM 64 QAM	1@1	22.54	17.69	0.0587
12	15	15	141500	707.5	DFT-s-OFDM 64 QAM	1@77	22.58	17.73	0.0593
12	15	15	141500	707.5	DFT-s-OFDM 256 QAM	36@18	20.38	15.53	0.0357
12	15	15	141500	707.5	DFT-s-OFDM 256 QAM	1@1	20.18	15.33	0.0341
12	15	15	141500	707.5	DFT-s-OFDM 256 QAM	1@77	20.11	15.26	0.0336
12	15	15	141500	707.5	CP-OFDM QPSK	39@19	23.48	18.63	0.0729
12	15	15	141500	707.5	CP-OFDM QPSK	1@1	23.5	18.65	0.0733
12	15	15	141500	707.5	CP-OFDM QPSK	1@77	23.61	18.76	0.0752
12	15	15	141700	708.5	DFT-s-OFDM PI/2 BPSK	36@18	25.11	20.26	0.1062
12	15	15	141700	708.5	DFT-s-OFDM PI/2 BPSK	1@1	24.97	20.12	0.1028
12	15	15	141700	708.5	DFT-s-OFDM PI/2 BPSK	1@77	24.82	19.97	0.0993
12	15	15	141700	708.5	DFT-s-OFDM QPSK	36@18	25.05	20.2	0.1047
12	15	15	141700	708.5	DFT-s-OFDM QPSK	1@1	24.89	20.04	0.1009
12	15	15	141700	708.5	DFT-s-OFDM QPSK	1@77	24.84	19.99	0.0998
12	15	15	141700	708.5	DFT-s-OFDM 16 QAM	36@18	23.9	19.05	0.0804
12	15	15	141700	708.5	DFT-s-OFDM 16 QAM	1@1	23.92	19.07	0.0807

12	15	15	141700	708.5	DFT-s-OFDM 16 QAM	1@77	23.93	19.08	0.0809
12	15	15	141700	708.5	DFT-s-OFDM 64 QAM	36@18	22.54	17.69	0.0587
12	15	15	141700	708.5	DFT-s-OFDM 64 QAM	1@1	22.54	17.69	0.0587
12	15	15	141700	708.5	DFT-s-OFDM 64 QAM	1@77	22.49	17.64	0.0581
12	15	15	141700	708.5	DFT-s-OFDM 256 QAM	36@18	20.4	15.55	0.0359
12	15	15	141700	708.5	DFT-s-OFDM 256 QAM	1@1	20.19	15.34	0.0342
12	15	15	141700	708.5	DFT-s-OFDM 256 QAM	1@77	20.12	15.27	0.0337
12	15	15	141700	708.5	CP-OFDM QPSK	39@19	23.44	18.59	0.0723
12	15	15	141700	708.5	CP-OFDM QPSK	1@1	23.18	18.33	0.0681
12	15	15	141700	708.5	CP-OFDM QPSK	1@77	23.15	18.3	0.0676

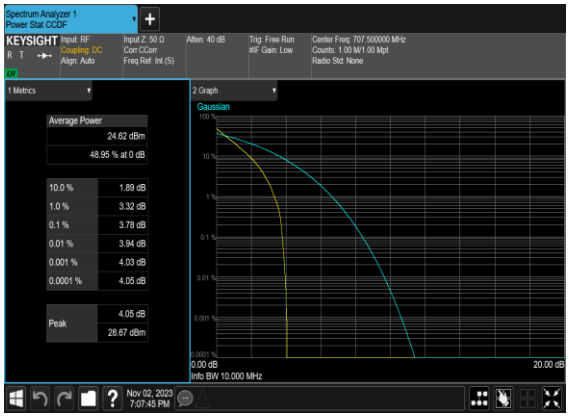
Frequency Stability

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Deviation (ppm)	Verdict	Environment
12	15	10	141500	707.5	DFT-s-OFDM QPSK	50@0	0.0047	**PASS**	NV
12	15	10	141500	707.5	DFT-s-OFDM QPSK	50@0	0.0025	**PASS**	LV
12	15	10	141500	707.5	DFT-s-OFDM QPSK	50@0	0.0060	**PASS**	HV
12	15	10	141500	707.5	DFT-s-OFDM QPSK	50@0	0.0050	**PASS**	-10℃
12	15	10	141500	707.5	DFT-s-OFDM QPSK	50@0	0.0045	**PASS**	0℃
12	15	10	141500	707.5	DFT-s-OFDM QPSK	50@0	0.0060	**PASS**	10℃
12	15	10	141500	707.5	DFT-s-OFDM QPSK	50@0	0.0047	**PASS**	20℃
12	15	10	141500	707.5	DFT-s-OFDM QPSK	50@0	0.0043	**PASS**	30℃
12	15	10	141500	707.5	DFT-s-OFDM QPSK	50@0	0.0063	**PASS**	40℃
12	15	10	141500	707.5	DFT-s-OFDM QPSK	50@0	0.0063	**PASS**	50℃

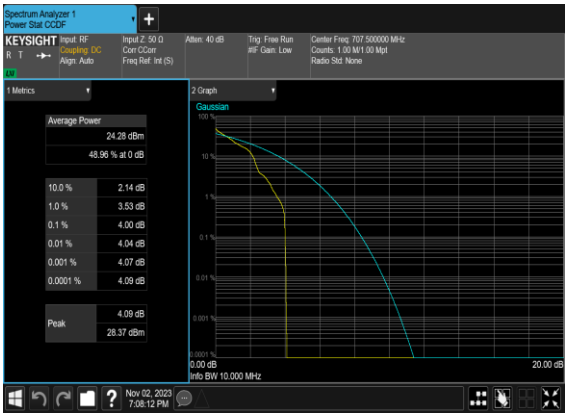
Peak to Average Ratio

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result (dB)	Limit (dB)	Verdict
12	15	10	141500	707.5	DFT-s-OFDM PI/2 BPSK	50@0	3.78	13	**PASS**
12	15	10	141500	707.5	DFT-s-OFDM PI/2 BPSK	1@0	4.0	13	**PASS**
12	15	10	141500	707.5	DFT-s-OFDM QPSK	50@0	4.47	13	**PASS**
12	15	10	141500	707.5	DFT-s-OFDM QPSK	1@0	4.68	13	**PASS**

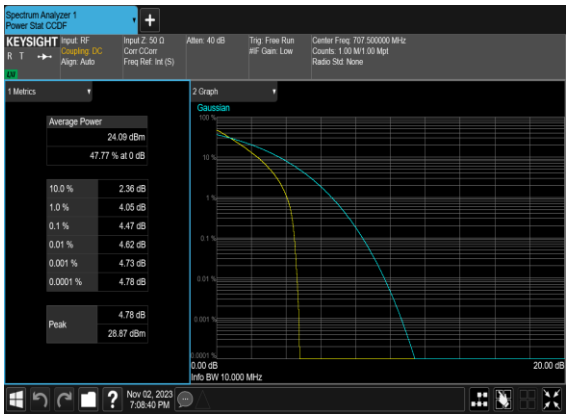
N12(10M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_Mid_CH



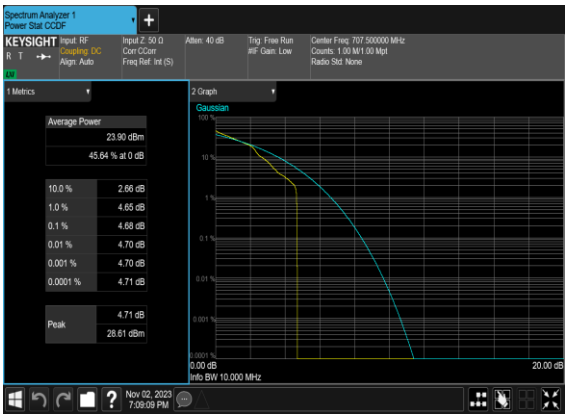
N12(10M)_DFT-s-OFDM_PI_2-BPSK_Edge_1RB_Left_Mid_CH



N12(10M)_DFT-s-OFDM_QPSK_Outer_Full_Mid_CH



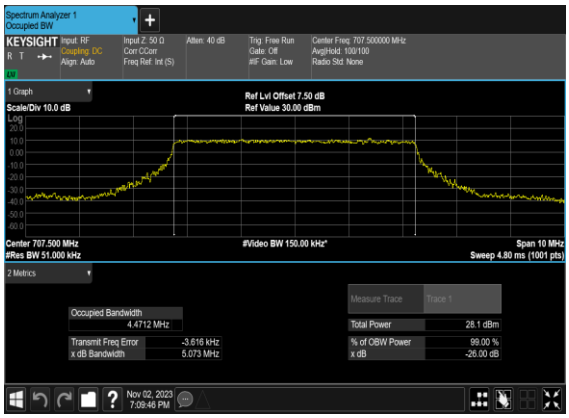
N12(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



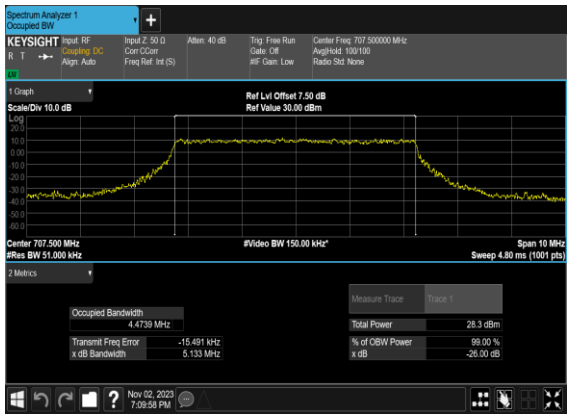
Occupied Bandwidth

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	OBW (MHz)	26dB BW (MHz)
12	15	5	141500	707.5	CP-OFDM QPSK	25@0	4.4712	5.073
12	15	5	141500	707.5	CP-OFDM 16 QAM	25@0	4.4739	5.133
12	15	5	141500	707.5	CP-OFDM 64 QAM	25@0	4.4633	5.033
12	15	5	141500	707.5	CP-OFDM 256 QAM	25@0	4.4769	4.991
12	15	10	141500	707.5	CP-OFDM QPSK	52@0	9.2802	10.09
12	15	10	141500	707.5	CP-OFDM 16 QAM	52@0	9.2915	10.04
12	15	10	141500	707.5	CP-OFDM 64 QAM	52@0	9.2647	9.873
12	15	10	141500	707.5	CP-OFDM 256 QAM	52@0	9.2825	9.939
12	15	15	141500	707.5	CP-OFDM QPSK	79@0	14.095	14.94
12	15	15	141500	707.5	CP-OFDM 16 QAM	79@0	14.107	15.06
12	15	15	141500	707.5	CP-OFDM 64 QAM	79@0	14.106	14.79
12	15	15	141500	707.5	CP-OFDM 256 QAM	79@0	14.097	14.95

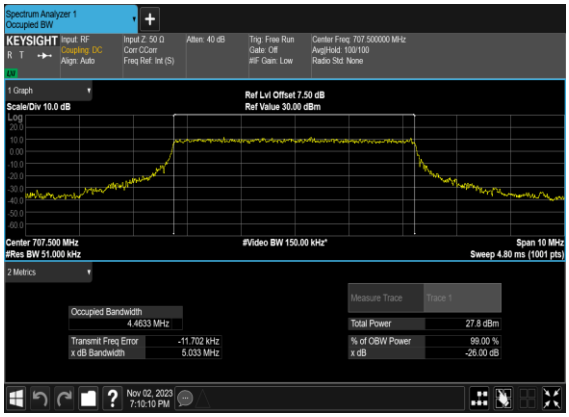
N12(5M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



N12(5M)_CP-OFDM_16QAM_Outer_Full_Mid_CH

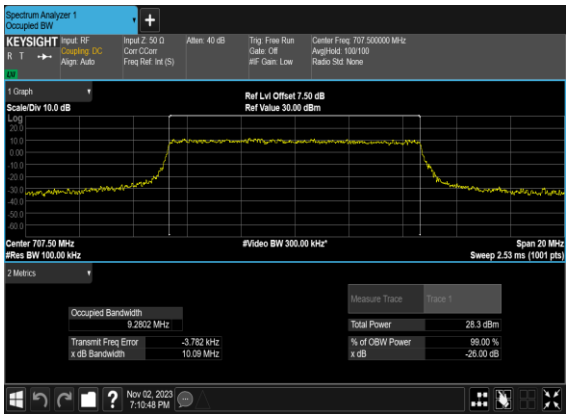


N12(5M)_CP-OFDM_64QAM_Outer_Full_Mid_CH

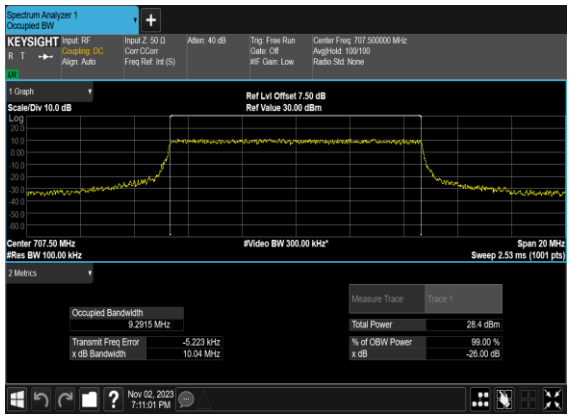


N12(5M)_CP-OFDM_256QAM_Outer_Full_Mid_CH

N12(10M)_CP-OFDM_QPSK_Outer_Full_Mid_CH

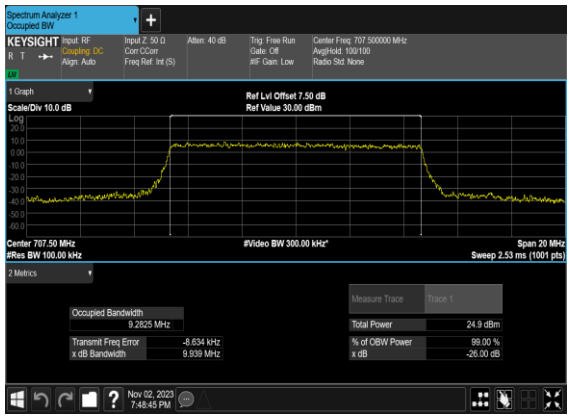


N12(10M)_CP-OFDM_16QAM_Outer_Full_Mid_CH

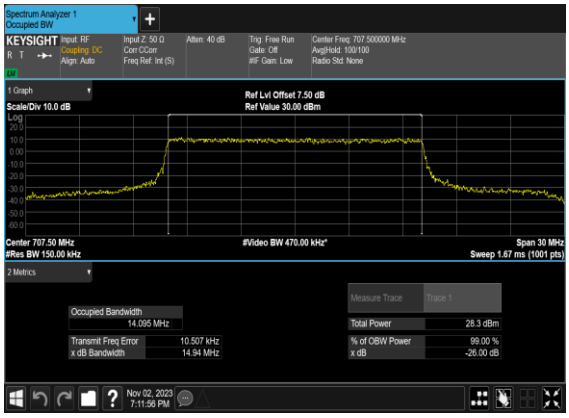


N12(10M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH

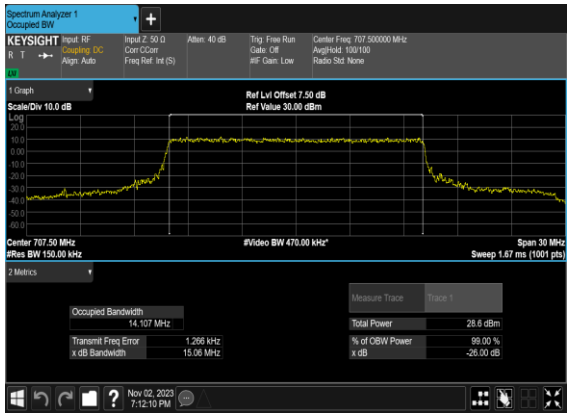
N12(10M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH



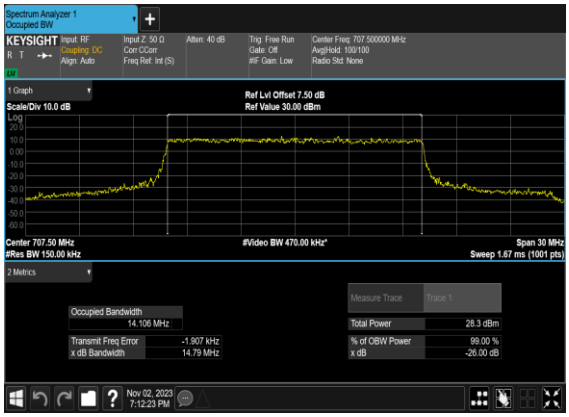
N12(15M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



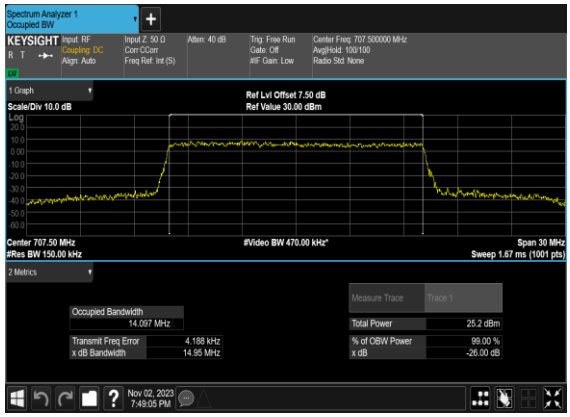
N12(15M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



N12(15M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH



N12(15M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH

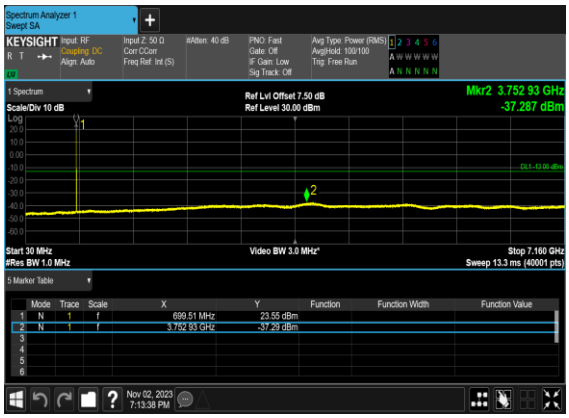


Conducted Spurious Emissions

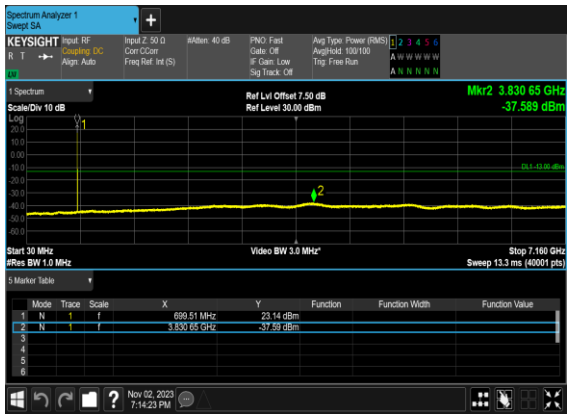
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
12	15	5	140300	701.5	DFT-s-OFDM BPSK	1@0	see graph	**---**
12	15	5	140300	701.5	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
12	15	5	140300	701.5	DFT-s-OFDM QPSK	1@0	see graph	**---**
12	15	5	140300	701.5	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
12	15	5	141500	707.5	DFT-s-OFDM BPSK	1@0	see graph	**---**
12	15	5	141500	707.5	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
12	15	5	141500	707.5	DFT-s-OFDM QPSK	1@0	see graph	**---**
12	15	5	141500	707.5	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
12	15	5	142700	713.5	DFT-s-OFDM BPSK	1@0	see graph	**---**
12	15	5	142700	713.5	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
12	15	5	142700	713.5	DFT-s-OFDM QPSK	1@0	see graph	**---**
12	15	5	142700	713.5	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
12	15	10	140800	704.0	DFT-s-OFDM BPSK	1@0	see graph	**---**
12	15	10	140800	704.0	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
12	15	10	140800	704.0	DFT-s-OFDM QPSK	1@0	see graph	**---**
12	15	10	140800	704.0	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
12	15	10	141500	707.5	DFT-s-OFDM BPSK	1@0	see graph	**---**
12	15	10	141500	707.5	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
12	15	10	141500	707.5	DFT-s-OFDM QPSK	1@0	see graph	**---**
12	15	10	141500	707.5	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
12	15	10	142200	711.0	DFT-s-OFDM BPSK	1@0	see graph	**---**
12	15	10	142200	711.0	DFT-s-OFDM BPSK	1@0	see graph	**PASS**

12	15	10	142200	711.0	DFT-s-OFDM QPSK	1@0	see graph	**---**
12	15	10	142200	711.0	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
12	15	15	141300	706.5	DFT-s-OFDM BPSK	1@0	see graph	**---**
12	15	15	141300	706.5	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
12	15	15	141300	706.5	DFT-s-OFDM QPSK	1@0	see graph	**---**
12	15	15	141300	706.5	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
12	15	15	141500	707.5	DFT-s-OFDM BPSK	1@0	see graph	**---**
12	15	15	141500	707.5	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
12	15	15	141500	707.5	DFT-s-OFDM QPSK	1@0	see graph	**---**
12	15	15	141500	707.5	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
12	15	15	141700	708.5	DFT-s-OFDM BPSK	1@0	see graph	**---**
12	15	15	141700	708.5	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
12	15	15	141700	708.5	DFT-s-OFDM QPSK	1@0	see graph	**---**
12	15	15	141700	708.5	DFT-s-OFDM QPSK	1@0	see graph	**PASS**

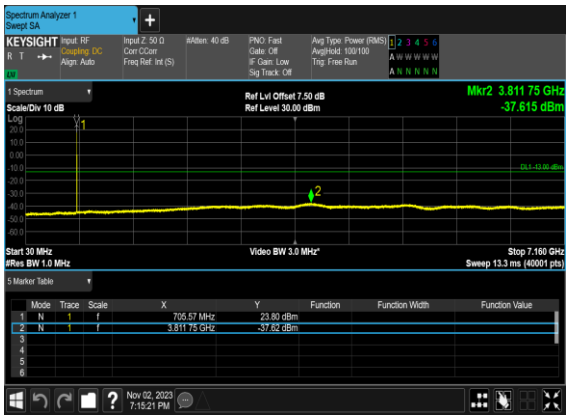
N12(5M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



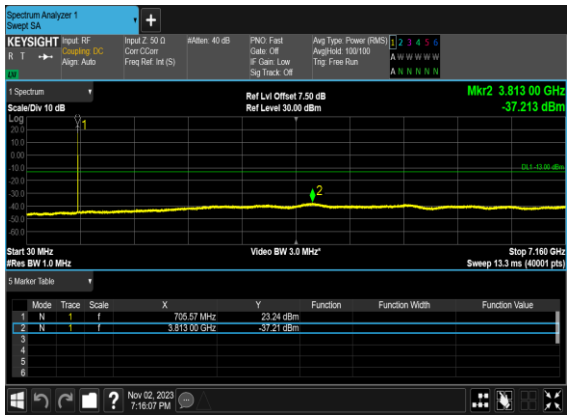
N12(5M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



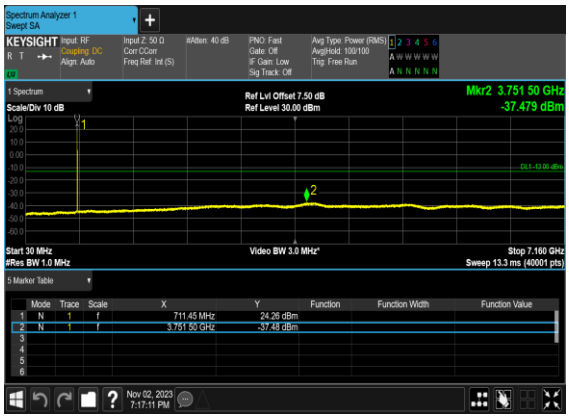
N12(5M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



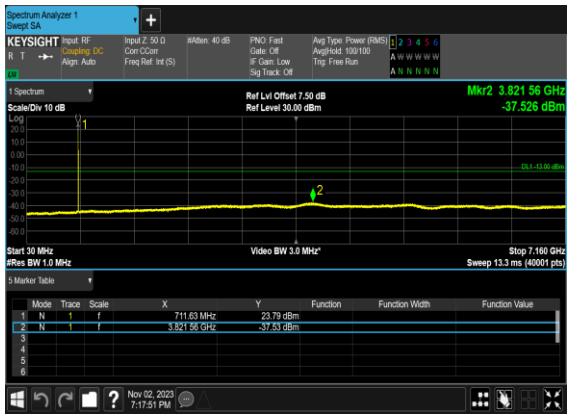
N12(5M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



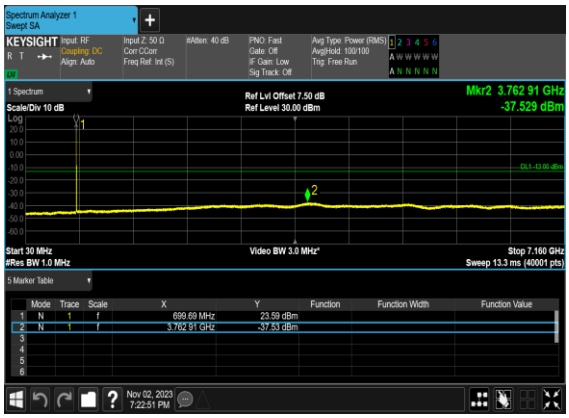
N12(5M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



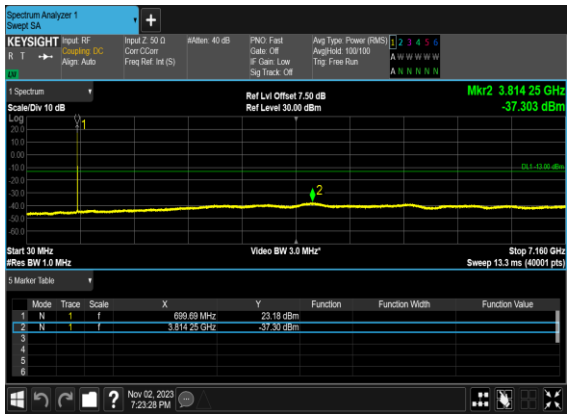
N12(5M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH



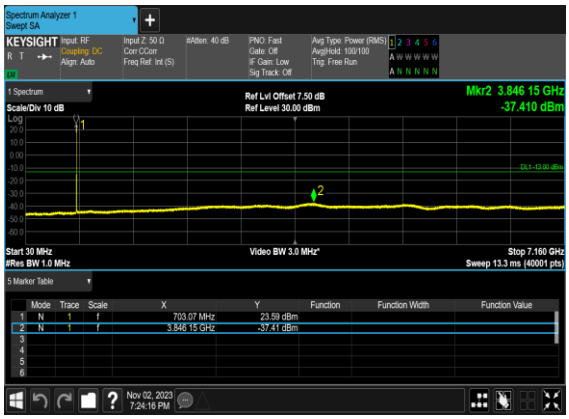
N12(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



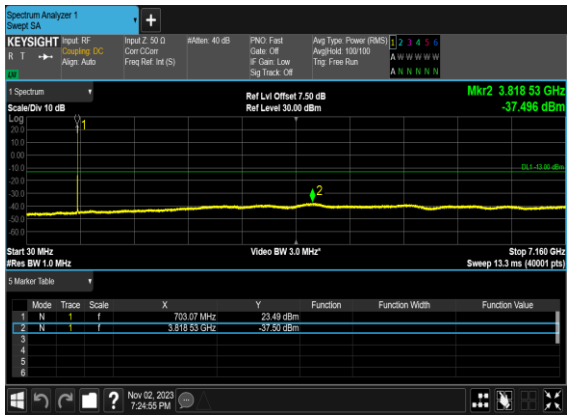
N12(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



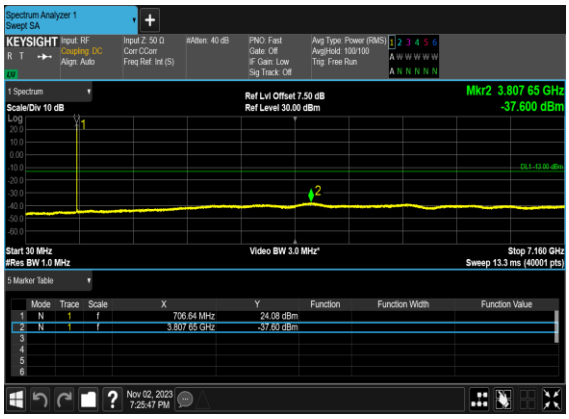
N12(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



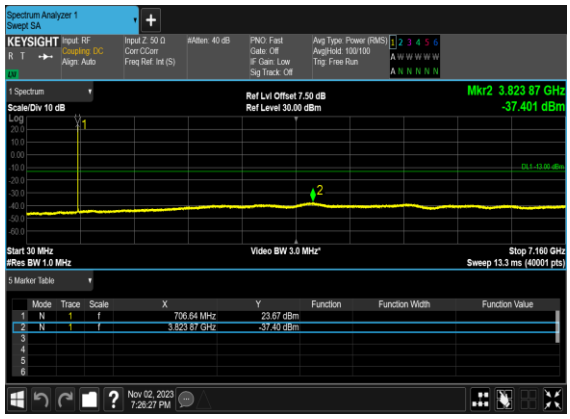
N12(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



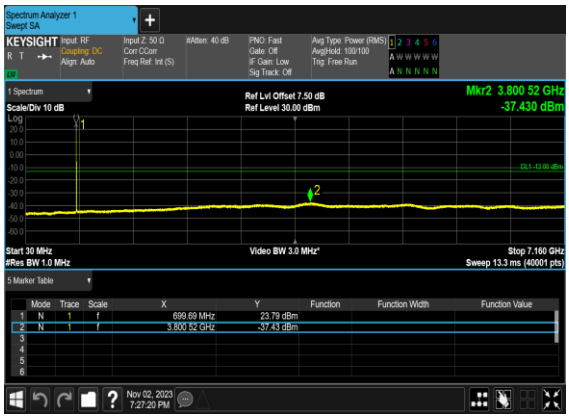
N12(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



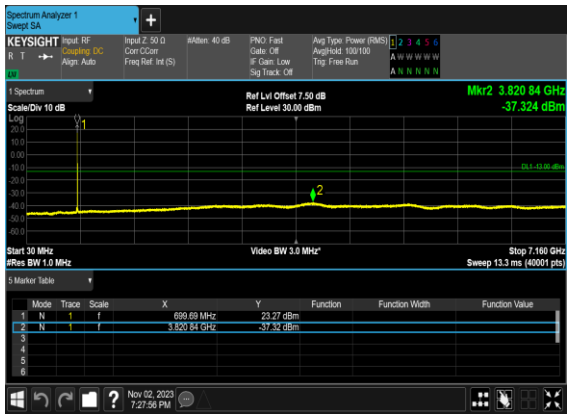
N12(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH



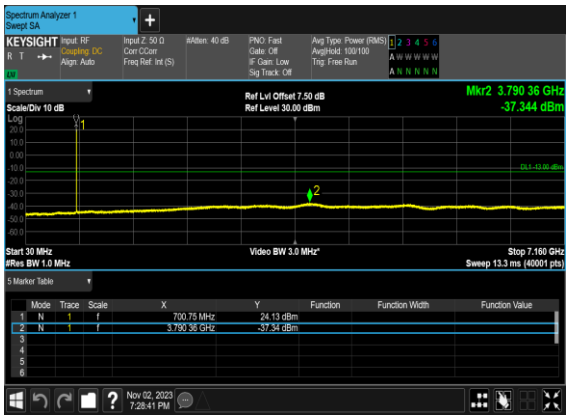
N12(15M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



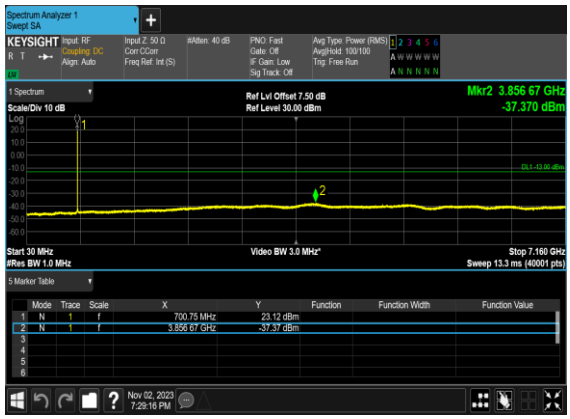
N12(15M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



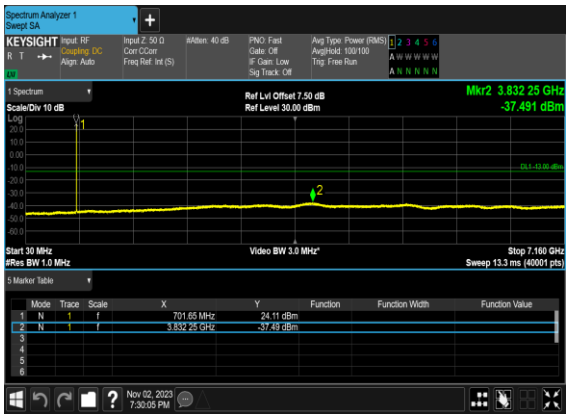
N12(15M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



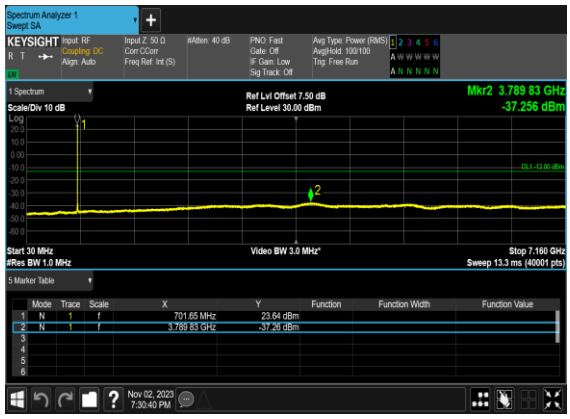
N12(15M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



N12(15M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



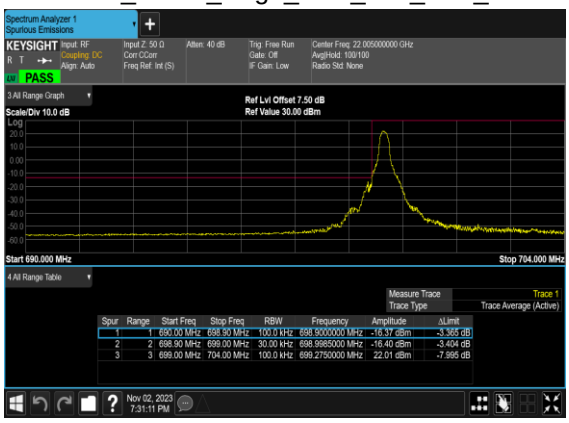
N12(15M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH



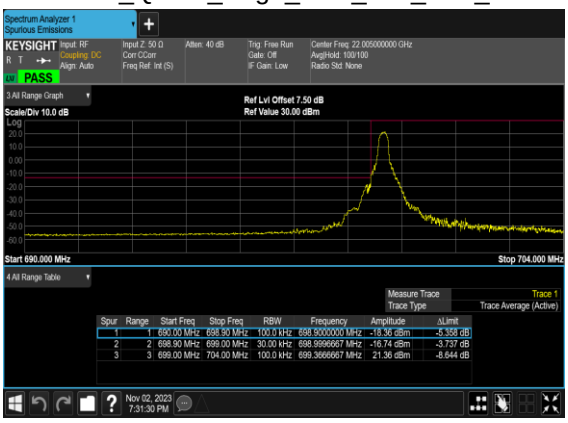
Conducted Band Edge

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
12	15	5	140300	701.5	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
12	15	5	140300	701.5	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
12	15	5	140300	701.5	DFT-s-OFDM BPSK	25@0	see graph	**PASS**
12	15	5	140300	701.5	DFT-s-OFDM QPSK	25@0	see graph	**PASS**
12	15	5	142700	713.5	DFT-s-OFDM BPSK	1@24	see graph	**PASS**
12	15	5	142700	713.5	DFT-s-OFDM QPSK	1@24	see graph	**PASS**
12	15	5	142700	713.5	DFT-s-OFDM BPSK	25@0	see graph	**PASS**
12	15	5	142700	713.5	DFT-s-OFDM QPSK	25@0	see graph	**PASS**
12	15	10	140800	704.0	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
12	15	10	140800	704.0	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
12	15	10	140800	704.0	DFT-s-OFDM BPSK	50@0	see graph	**PASS**
12	15	10	140800	704.0	DFT-s-OFDM QPSK	50@0	see graph	**PASS**
12	15	10	142200	711.0	DFT-s-OFDM BPSK	1@51	see graph	**PASS**
12	15	10	142200	711.0	DFT-s-OFDM QPSK	1@51	see graph	**PASS**
12	15	10	142200	711.0	DFT-s-OFDM BPSK	50@0	see graph	**PASS**
12	15	10	142200	711.0	DFT-s-OFDM QPSK	50@0	see graph	**PASS**
12	15	15	141300	706.5	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
12	15	15	141300	706.5	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
12	15	15	141300	706.5	DFT-s-OFDM BPSK	75@0	see graph	**PASS**
12	15	15	141300	706.5	DFT-s-OFDM QPSK	75@0	see graph	**PASS**
12	15	15	141700	708.5	DFT-s-OFDM BPSK	1@78	see graph	**PASS**
12	15	15	141700	708.5	DFT-s-OFDM QPSK	1@78	see graph	**PASS**
12	15	15	141700	708.5	DFT-s-OFDM BPSK	75@0	see graph	**PASS**
12	15	15	141700	708.5	DFT-s-OFDM QPSK	75@0	see graph	**PASS**

N12(5M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



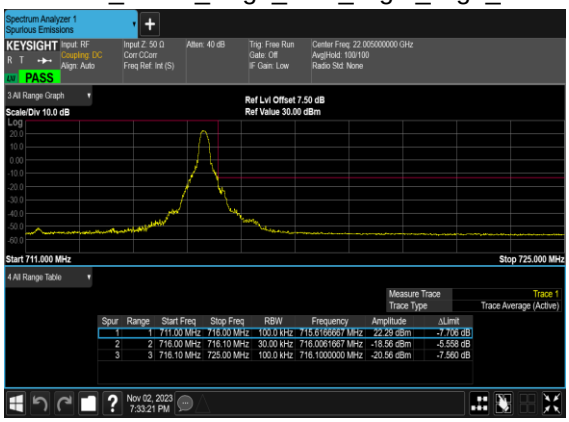
N12(5M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



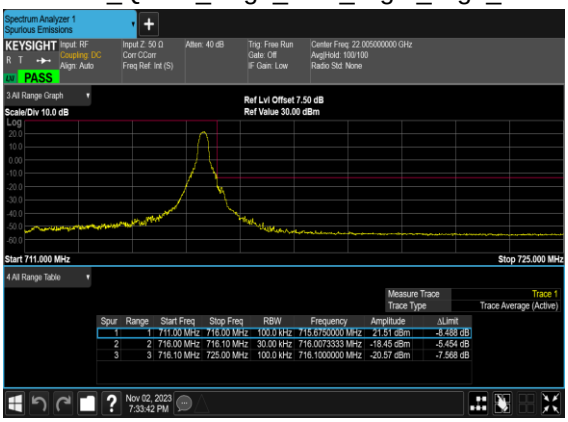
N12(5M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH

N12(5M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH

N12(5M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH

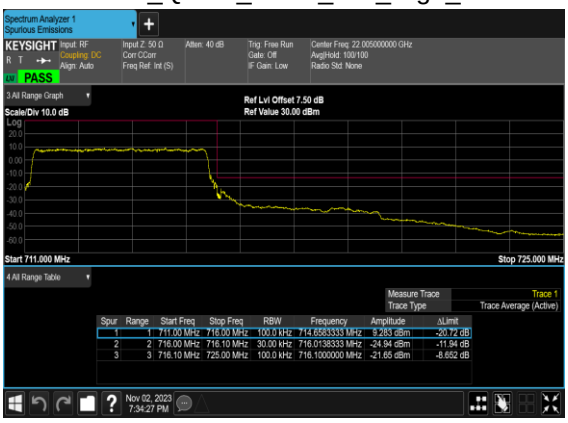


N12(5M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH

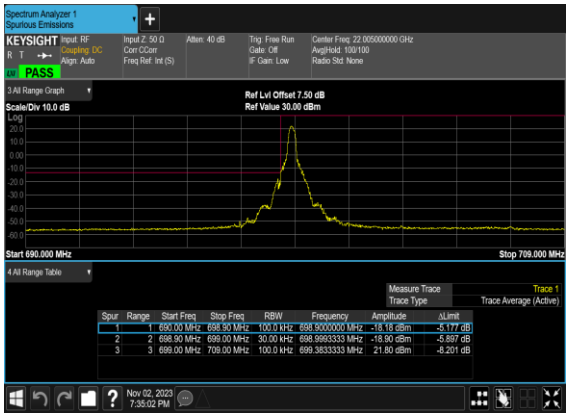


N12(5M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH

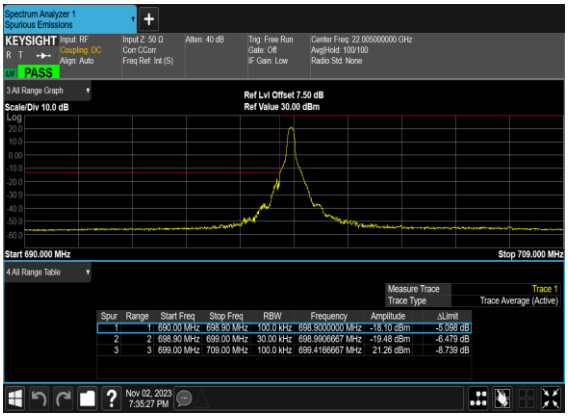
N12(5M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH



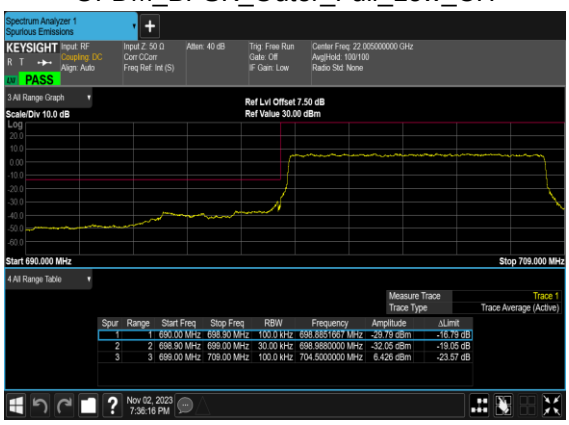
N12(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



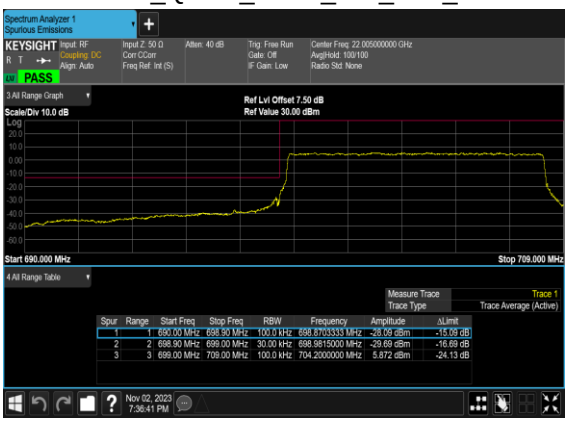
N12(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



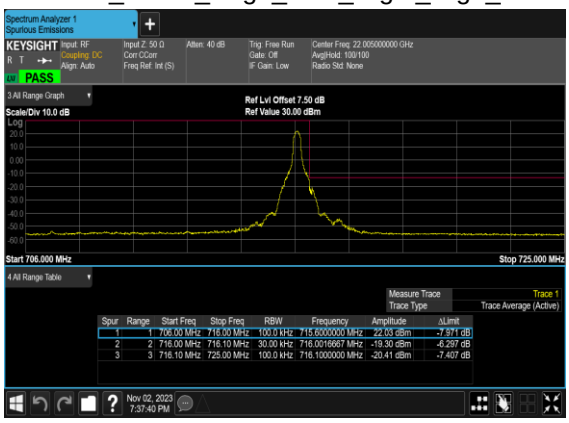
N12(10M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH



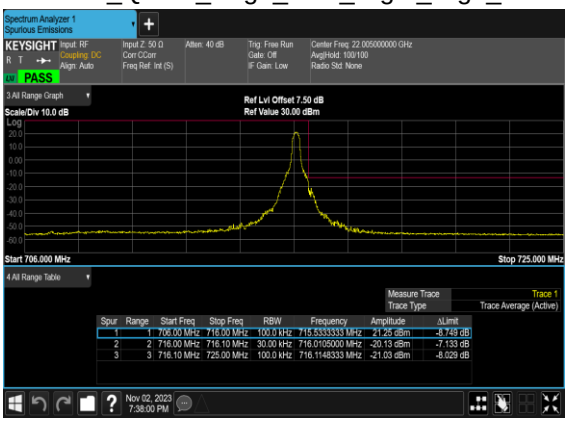
N12(10M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH



N12(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH



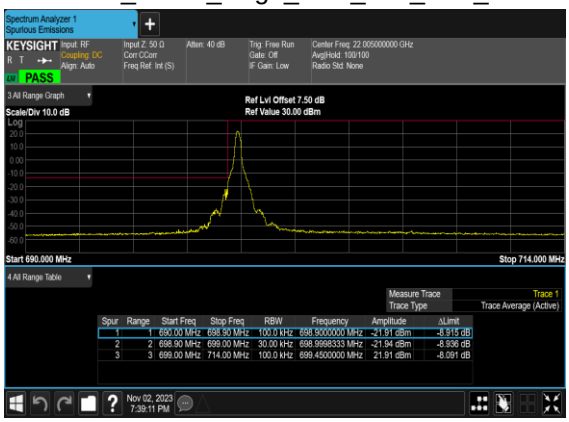
N12(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH



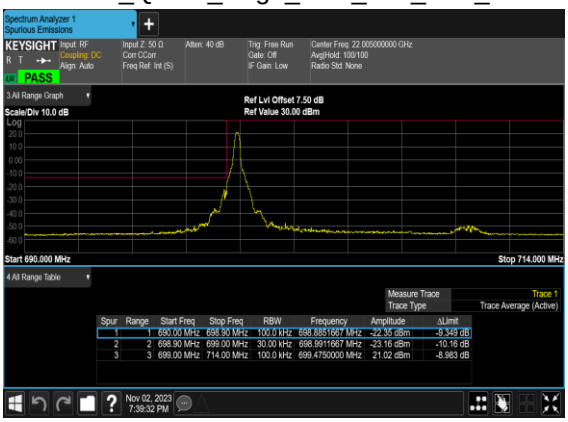
N12(10M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH

N12(10M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH

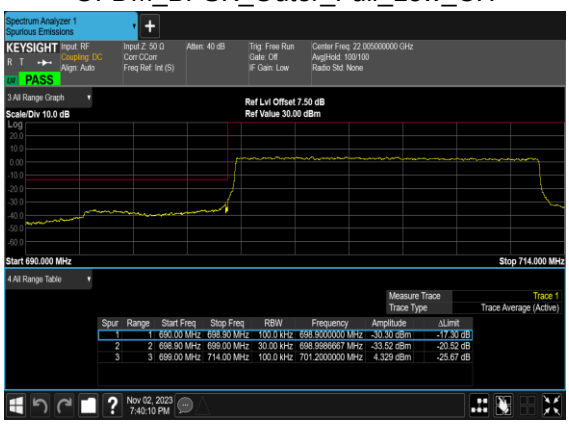
N12(15M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



N12(15M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH

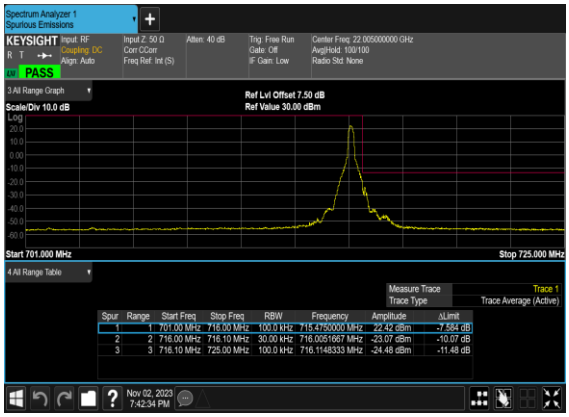


N12(15M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH

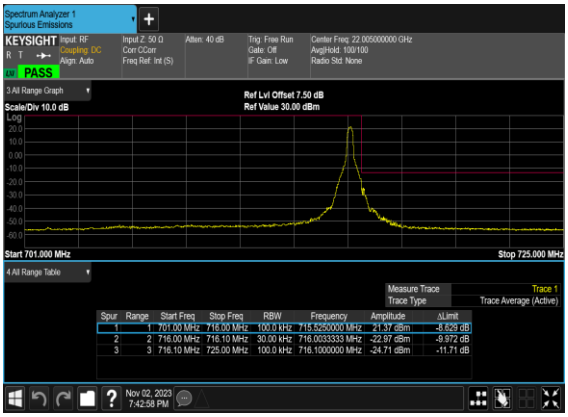


N12(15M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH

N12(15M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH



N12(15M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH



N12(15M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH

N12(15M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH

Software Version: 23.06.1602

FR1 N38(ANT2)

Transmitter Conducted Output Power And EIRP, (G_T - L_C)=-1.8dB

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Conducted Power(dBm)	EIRP (dBm)	EIRP (W)
38	30	10	515000	2575.0	DFT-s-OFDM QPSK	1@1	23.99	22.19	0.1656
38	30	10	515000	2575.0	DFT-s-OFDM 16 QAM	1@1	23.07	21.27	0.1340
38	30	10	519000	2595.0	DFT-s-OFDM QPSK	1@1	23.71	21.91	0.1552
38	30	10	519000	2595.0	DFT-s-OFDM 16 QAM	1@1	22.81	21.01	0.1262
38	30	10	523000	2615.0	DFT-s-OFDM QPSK	1@1	24.07	22.27	0.1687
38	30	10	523000	2615.0	DFT-s-OFDM 16 QAM	1@1	23.17	21.37	0.1371
38	30	15	515500	2577.5	DFT-s-OFDM QPSK	1@1	23.94	22.14	0.1637
38	30	15	515500	2577.5	DFT-s-OFDM 16 QAM	1@1	22.99	21.19	0.1315
38	30	15	519000	2595.0	DFT-s-OFDM QPSK	1@1	23.63	21.83	0.1524
38	30	15	519000	2595.0	DFT-s-OFDM 16 QAM	1@1	22.69	20.89	0.1227
38	30	15	522500	2612.5	DFT-s-OFDM QPSK	1@1	24	22.2	0.1660
38	30	15	522500	2612.5	DFT-s-OFDM 16 QAM	1@1	23.06	21.26	0.1337
38	30	20	516000	2580.0	DFT-s-OFDM QPSK	1@1	23.91	22.11	0.1626
38	30	20	516000	2580.0	DFT-s-OFDM 16 QAM	1@1	22.97	21.17	0.1309
38	30	20	519000	2595.0	DFT-s-OFDM QPSK	1@1	23.53	21.73	0.1489
38	30	20	519000	2595.0	DFT-s-OFDM 16 QAM	1@1	22.63	20.83	0.1211
38	30	20	522000	2610.0	DFT-s-OFDM QPSK	1@1	23.87	22.07	0.1611
38	30	20	522000	2610.0	DFT-s-OFDM 16 QAM	1@1	22.93	21.13	0.1297
38	30	25	516500	2582.5	DFT-s-OFDM QPSK	1@1	24.22	22.42	0.1746
38	30	25	516500	2582.5	DFT-s-OFDM 16 QAM	1@1	23.29	21.49	0.1409
38	30	25	519000	2595	DFT-s-OFDM QPSK	1@1	23.9	22.1	0.1622
38	30	25	519000	2595	DFT-s-OFDM 16 QAM	1@1	22.88	21.08	0.1282

38	30	25	521500	2607.5	DFT-s-OFDM QPSK	1@1	24.02	22.22	0.1667
38	30	25	521500	2607.5	DFT-s-OFDM 16 QAM	1@1	23.14	21.34	0.1361
38	30	30	517000	2585.0	DFT-s-OFDM QPSK	1@1	24.14	22.34	0.1714
38	30	30	517000	2585.0	DFT-s-OFDM 16 QAM	1@1	23.21	21.41	0.1384
38	30	30	519000	2595.0	DFT-s-OFDM QPSK	1@1	23.68	21.88	0.1542
38	30	30	519000	2595.0	DFT-s-OFDM 16 QAM	1@1	22.78	20.98	0.1253
38	30	30	521000	2605.0	DFT-s-OFDM QPSK	1@1	23.89	22.09	0.1618
38	30	30	521000	2605.0	DFT-s-OFDM 16 QAM	1@1	22.93	21.13	0.1297
38	30	40	518000	2590.0	DFT-s-OFDM PI/2 BPSK	50@25	23.94	22.14	0.1637
38	30	40	518000	2590.0	DFT-s-OFDM PI/2 BPSK	1@1	24.14	22.34	0.1714
38	30	40	518000	2590.0	DFT-s-OFDM PI/2 BPSK	1@104	24.12	22.32	0.1706
38	30	40	518000	2590.0	DFT-s-OFDM QPSK	50@25	23.83	22.03	0.1596
38	30	40	518000	2590.0	DFT-s-OFDM QPSK	1@1	24.09	22.29	0.1694
38	30	40	518000	2590.0	DFT-s-OFDM QPSK	1@104	24.1	22.3	0.1698
38	30	40	518000	2590.0	DFT-s-OFDM 16 QAM	50@25	22.71	20.91	0.1233
38	30	40	518000	2590.0	DFT-s-OFDM 16 QAM	1@1	23.04	21.24	0.1330
38	30	40	518000	2590.0	DFT-s-OFDM 16 QAM	1@104	23.21	21.41	0.1384
38	30	40	518000	2590.0	DFT-s-OFDM 64 QAM	50@25	21.29	19.49	0.0889
38	30	40	518000	2590.0	DFT-s-OFDM 64 QAM	1@1	21.48	19.68	0.0929
38	30	40	518000	2590.0	DFT-s-OFDM 64 QAM	1@104	21.61	19.81	0.0957
38	30	40	518000	2590.0	DFT-s-OFDM 256 QAM	50@25	19.22	17.42	0.0552
38	30	40	518000	2590.0	DFT-s-OFDM 256 QAM	1@1	19.24	17.44	0.0555
38	30	40	518000	2590.0	DFT-s-OFDM 256 QAM	1@104	19.3	17.5	0.0562
38	30	40	518000	2590.0	CP-OFDM QPSK	53@26	22.26	20.46	0.1112
38	30	40	518000	2590.0	CP-OFDM QPSK	1@1	22.61	20.81	0.1205
38	30	40	518000	2590.0	CP-OFDM QPSK	1@104	22.64	20.84	0.1213
38	30	40	519000	2595.0	DFT-s-OFDM PI/2 BPSK	50@25	24.05	22.25	0.1679

38	30	40	519000	2595.0	DFT-s-OFDM PI/2 BPSK	1@1	23.85	22.05	0.1603
38	30	40	519000	2595.0	DFT-s-OFDM PI/2 BPSK	1@104	24.21	22.41	0.1742
38	30	40	519000	2595.0	DFT-s-OFDM QPSK	50@25	23.95	22.15	0.1641
38	30	40	519000	2595.0	DFT-s-OFDM QPSK	1@1	23.82	22.02	0.1592
38	30	40	519000	2595.0	DFT-s-OFDM QPSK	1@104	24.19	22.39	0.1734
38	30	40	519000	2595.0	DFT-s-OFDM 16 QAM	50@25	22.87	21.07	0.1279
38	30	40	519000	2595.0	DFT-s-OFDM 16 QAM	1@1	22.77	20.97	0.1250
38	30	40	519000	2595.0	DFT-s-OFDM 16 QAM	1@104	23.33	21.53	0.1422
38	30	40	519000	2595.0	DFT-s-OFDM 64 QAM	50@25	21.36	19.56	0.0904
38	30	40	519000	2595.0	DFT-s-OFDM 64 QAM	1@1	21.25	19.45	0.0881
38	30	40	519000	2595.0	DFT-s-OFDM 64 QAM	1@104	21.74	19.94	0.0986
38	30	40	519000	2595.0	DFT-s-OFDM 256 QAM	50@25	19.38	17.58	0.0573
38	30	40	519000	2595.0	DFT-s-OFDM 256 QAM	1@1	19	17.2	0.0525
38	30	40	519000	2595.0	DFT-s-OFDM 256 QAM	1@104	19.38	17.58	0.0573
38	30	40	519000	2595.0	CP-OFDM QPSK	53@26	22.39	20.59	0.1146
38	30	40	519000	2595.0	CP-OFDM QPSK	1@1	22.31	20.51	0.1125
38	30	40	519000	2595.0	CP-OFDM QPSK	1@104	22.75	20.95	0.1245
38	30	40	520000	2600.0	DFT-s-OFDM PI/2 BPSK	50@25	24.11	22.31	0.1702
38	30	40	520000	2600.0	DFT-s-OFDM PI/2 BPSK	1@1	23.63	21.83	0.1524
38	30	40	520000	2600.0	DFT-s-OFDM PI/2 BPSK	1@104	24.27	22.47	0.1766
38	30	40	520000	2600.0	DFT-s-OFDM QPSK	50@25	24.05	22.25	0.1679
38	30	40	520000	2600.0	DFT-s-OFDM QPSK	1@1	23.58	21.78	0.1507
38	30	40	520000	2600.0	DFT-s-OFDM QPSK	1@104	24.29	22.49	0.1774
38	30	40	520000	2600.0	DFT-s-OFDM 16 QAM	50@25	22.98	21.18	0.1312
38	30	40	520000	2600.0	DFT-s-OFDM 16 QAM	1@1	22.59	20.79	0.1199
38	30	40	520000	2600.0	DFT-s-OFDM 16 QAM	1@104	23.39	21.59	0.1442
38	30	40	520000	2600.0	DFT-s-OFDM 64 QAM	50@25	21.47	19.67	0.0927

38	30	40	520000	2600.0	DFT-s-OFDM 64 QAM	1@1	21.01	19.21	0.0834
38	30	40	520000	2600.0	DFT-s-OFDM 64 QAM	1@104	21.83	20.03	0.1007
38	30	40	520000	2600.0	DFT-s-OFDM 256 QAM	50@25	19.47	17.67	0.0585
38	30	40	520000	2600.0	DFT-s-OFDM 256 QAM	1@1	18.78	16.98	0.0499
38	30	40	520000	2600.0	DFT-s-OFDM 256 QAM	1@104	19.49	17.69	0.0587
38	30	40	520000	2600.0	CP-OFDM QPSK	53@26	22.46	20.66	0.1164
38	30	40	520000	2600.0	CP-OFDM QPSK	1@1	22.11	20.31	0.1074
38	30	40	520000	2600.0	CP-OFDM QPSK	1@104	22.75	20.95	0.1245

Software Version: 23.06.1602

FR1 N41(ANT8)

Transmitter Conducted Output Power And EIRP, (G_T - L_C)=-1.4dB

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Conducted Power(dBm)	EIRP (dBm)	EIRP (W)
41	30	10	500202	2501.01	DFT-s-OFDM QPSK	1@1	26.2	24.8	0.3020
41	30	10	500202	2501.01	DFT-s-OFDM 16 QAM	1@1	25.33	23.93	0.2472
41	30	10	518598	2592.99	DFT-s-OFDM QPSK	1@1	25.78	24.38	0.2742
41	30	10	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	24.87	23.47	0.2223
41	30	10	537000	2685	DFT-s-OFDM QPSK	1@1	26.27	24.87	0.3069
41	30	10	537000	2685	DFT-s-OFDM 16 QAM	1@1	25.35	23.95	0.2483
41	30	15	500700	2503.5	DFT-s-OFDM QPSK	1@1	26.32	24.92	0.3105
41	30	15	500700	2503.5	DFT-s-OFDM 16 QAM	1@1	25.4	24	0.2512
41	30	15	518598	2592.99	DFT-s-OFDM QPSK	1@1	25.69	24.29	0.2685
41	30	15	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	24.77	23.37	0.2173
41	30	15	536496	2682.48	DFT-s-OFDM QPSK	1@1	26.08	24.68	0.2938
41	30	15	536496	2682.48	DFT-s-OFDM 16 QAM	1@1	25.2	23.8	0.2399
41	30	20	501204	2506.02	DFT-s-OFDM QPSK	1@1	26.28	24.88	0.3076
41	30	20	501204	2506.02	DFT-s-OFDM 16 QAM	1@1	25.37	23.97	0.2495
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	1@1	25.62	24.22	0.2642
41	30	20	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	24.76	23.36	0.2168
41	30	20	535998	2679.99	DFT-s-OFDM QPSK	1@1	26.01	24.61	0.2891
41	30	20	535998	2679.99	DFT-s-OFDM 16 QAM	1@1	25.14	23.74	0.2366
41	30	25	501702	2508.51	DFT-s-OFDM QPSK	1@1	26.47	25.07	0.3214
41	30	25	501702	2508.51	DFT-s-OFDM 16 QAM	1@1	25.49	24.09	0.2564
41	30	25	518598	2592.99	DFT-s-OFDM QPSK	1@1	25.77	24.37	0.2735
41	30	25	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	24.92	23.52	0.2249
41	30	25	535500	2677.5	DFT-s-OFDM QPSK	1@1	26.13	24.73	0.2972
41	30	25	535500	2677.5	DFT-s-OFDM 16 QAM	1@1	25.21	23.81	0.2404
41	30	30	502200	2511	DFT-s-OFDM QPSK	1@1	26.47	25.07	0.3214
41	30	30	502200	2511	DFT-s-OFDM 16 QAM	1@1	25.52	24.12	0.2582
41	30	30	518598	2592.99	DFT-s-OFDM QPSK	1@1	25.83	24.43	0.2773
41	30	30	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	24.91	23.51	0.2244
41	30	30	534996	2674.98	DFT-s-OFDM QPSK	1@1	26.1	24.7	0.2951

41	30	30	534996	2674.98	DFT-s-OFDM 16 QAM	1@1	25.14	23.74	0.2366
41	30	40	503202	2516.01	DFT-s-OFDM QPSK	1@1	26.36	24.96	0.3133
41	30	40	503202	2516.01	DFT-s-OFDM 16 QAM	1@1	25.4	24	0.2512
41	30	40	518598	2592.99	DFT-s-OFDM QPSK	1@1	25.94	24.54	0.2844
41	30	40	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	25.01	23.61	0.2296
41	30	40	534000	2670	DFT-s-OFDM QPSK	1@1	25.8	24.4	0.2754
41	30	40	534000	2670	DFT-s-OFDM 16 QAM	1@1	24.93	23.53	0.2254
41	30	50	504204	2521.02	DFT-s-OFDM QPSK	1@1	26.54	25.14	0.3266
41	30	50	504204	2521.02	DFT-s-OFDM 16 QAM	1@1	25.54	24.14	0.2594
41	30	50	518598	2592.99	DFT-s-OFDM QPSK	1@1	26.42	25.02	0.3177
41	30	50	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	25.45	24.05	0.2541
41	30	50	532998	2664.99	DFT-s-OFDM QPSK	1@1	26.03	24.63	0.2904
41	30	50	532998	2664.99	DFT-s-OFDM 16 QAM	1@1	25.13	23.73	0.2360
41	30	60	505200	2526	DFT-s-OFDM QPSK	1@1	26.32	24.92	0.3105
41	30	60	505200	2526	DFT-s-OFDM 16 QAM	1@1	25.37	23.97	0.2495
41	30	60	518598	2592.99	DFT-s-OFDM QPSK	1@1	26.51	25.11	0.3243
41	30	60	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	25.57	24.17	0.2612
41	30	60	531996	2659.98	DFT-s-OFDM QPSK	1@1	26.14	24.74	0.2979
41	30	60	531996	2659.98	DFT-s-OFDM 16 QAM	1@1	25.16	23.76	0.2377
41	30	70	505200	2531.01	DFT-s-OFDM QPSK	1@1	26.43	25.03	0.3184
41	30	70	505200	2531.01	DFT-s-OFDM 16 QAM	1@1	25.35	23.95	0.2483
41	30	70	518598	2592.99	DFT-s-OFDM QPSK	1@1	26.62	25.22	0.3327
41	30	70	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	25.71	24.31	0.2698
41	30	70	531996	2655	DFT-s-OFDM QPSK	1@1	26.41	25.01	0.3170
41	30	70	531996	2655	DFT-s-OFDM 16 QAM	1@1	25.5	24.1	0.2570
41	30	80	507204	2536.02	DFT-s-OFDM QPSK	1@1	26.51	25.11	0.3243
41	30	80	507204	2536.02	DFT-s-OFDM 16 QAM	1@1	25.47	24.07	0.2553
41	30	80	518598	2592.99	DFT-s-OFDM QPSK	1@1	26.64	25.24	0.3342
41	30	80	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	25.63	24.23	0.2649
41	30	80	529998	2649.99	DFT-s-OFDM QPSK	1@1	26.27	24.87	0.3069
41	30	80	529998	2649.99	DFT-s-OFDM 16 QAM	1@1	25.28	23.88	0.2443
41	30	90	508200	2541	DFT-s-OFDM QPSK	1@1	26.6	25.2	0.3311
41	30	90	508200	2541	DFT-s-OFDM 16 QAM	1@1	25.48	24.08	0.2559
41	30	90	518598	2592.99	DFT-s-OFDM QPSK	1@1	26.44	25.04	0.3192
41	30	90	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	25.47	24.07	0.2553

41	30	90	528996	2644.98	DFT-s-OFDM QPSK	1@1	26.06	24.66	0.2924
41	30	90	528996	2644.98	DFT-s-OFDM 16 QAM	1@1	25.14	23.74	0.2366
41	30	100	509202	2546.01	DFT-s-OFDM PI/2 BPSK	135@67	26.39	24.99	0.3155
41	30	100	509202	2546.01	DFT-s-OFDM PI/2 BPSK	1@1	26.61	25.21	0.3319
41	30	100	509202	2546.01	DFT-s-OFDM PI/2 BPSK	1@271	26.33	24.93	0.3112
41	30	100	509202	2546.01	DFT-s-OFDM QPSK	135@67	26.33	24.93	0.3112
41	30	100	509202	2546.01	DFT-s-OFDM QPSK	1@1	26.64	25.24	0.3342
41	30	100	509202	2546.01	DFT-s-OFDM QPSK	1@271	26.3	24.9	0.3090
41	30	100	509202	2546.01	DFT-s-OFDM 16 QAM	135@67	25.35	23.95	0.2483
41	30	100	509202	2546.01	DFT-s-OFDM 16 QAM	1@1	25.61	24.21	0.2636
41	30	100	509202	2546.01	DFT-s-OFDM 16 QAM	1@271	25.23	23.83	0.2415
41	30	100	509202	2546.01	DFT-s-OFDM 64 QAM	135@67	23.92	22.52	0.1786
41	30	100	509202	2546.01	DFT-s-OFDM 64 QAM	1@1	24.1	22.7	0.1862
41	30	100	509202	2546.01	DFT-s-OFDM 64 QAM	1@271	23.73	22.33	0.1710
41	30	100	509202	2546.01	DFT-s-OFDM 256 QAM	135@67	21.95	20.55	0.1135
41	30	100	509202	2546.01	DFT-s-OFDM 256 QAM	1@1	21.81	20.41	0.1099
41	30	100	509202	2546.01	DFT-s-OFDM 256 QAM	1@271	21.46	20.06	0.1014
41	30	100	509202	2546.01	CP-OFDM QPSK	137@68	24.77	23.37	0.2173
41	30	100	509202	2546.01	CP-OFDM QPSK	1@1	25.33	23.93	0.2472
41	30	100	509202	2546.01	CP-OFDM QPSK	1@271	24.92	23.52	0.2249
41	30	100	518598	2592.99	DFT-s-OFDM PI/2 BPSK	135@67	26.27	24.87	0.3069
41	30	100	518598	2592.99	DFT-s-OFDM PI/2 BPSK	1@1	26.36	24.96	0.3133
41	30	100	518598	2592.99	DFT-s-OFDM PI/2 BPSK	1@271	26.62	25.22	0.3327
41	30	100	518598	2592.99	DFT-s-OFDM QPSK	135@67	26.1	24.7	0.2951
41	30	100	518598	2592.99	DFT-s-OFDM QPSK	1@1	26.34	24.94	0.3119
41	30	100	518598	2592.99	DFT-s-OFDM QPSK	1@271	26.57	25.17	0.3289
41	30	100	518598	2592.99	DFT-s-OFDM 16 QAM	135@67	25.08	23.68	0.2333
41	30	100	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	25.38	23.98	0.2500
41	30	100	518598	2592.99	DFT-s-OFDM 16 QAM	1@271	25.64	24.24	0.2655
41	30	100	518598	2592.99	DFT-s-OFDM 64 QAM	135@67	23.64	22.24	0.1675
41	30	100	518598	2592.99	DFT-s-OFDM 64 QAM	1@1	23.8	22.4	0.1738
41	30	100	518598	2592.99	DFT-s-OFDM 64 QAM	1@271	24.1	22.7	0.1862
41	30	100	518598	2592.99	DFT-s-OFDM 256 QAM	135@67	21.62	20.22	0.1052
41	30	100	518598	2592.99	DFT-s-OFDM 256 QAM	1@1	21.48	20.08	0.1019
41	30	100	518598	2592.99	DFT-s-OFDM 256 QAM	1@271	21.75	20.35	0.1084

41	30	100	518598	2592.99	CP-OFDM QPSK	137@68	24.5	23.1	0.2042
41	30	100	518598	2592.99	CP-OFDM QPSK	1@1	24.99	23.59	0.2286
41	30	100	518598	2592.99	CP-OFDM QPSK	1@271	25.18	23.78	0.2388
41	30	100	528000	2640	DFT-s-OFDM PI/2 BPSK	135@67	26.3	24.9	0.3090
41	30	100	528000	2640	DFT-s-OFDM PI/2 BPSK	1@1	25.96	24.56	0.2858
41	30	100	528000	2640	DFT-s-OFDM PI/2 BPSK	1@271	26.81	25.41	0.3475
41	30	100	528000	2640	DFT-s-OFDM QPSK	135@67	26.23	24.83	0.3041
41	30	100	528000	2640	DFT-s-OFDM QPSK	1@1	25.87	24.47	0.2799
41	30	100	528000	2640	DFT-s-OFDM QPSK	1@271	26.79	25.39	0.3459
41	30	100	528000	2640	DFT-s-OFDM 16 QAM	135@67	25.25	23.85	0.2427
41	30	100	528000	2640	DFT-s-OFDM 16 QAM	1@1	24.87	23.47	0.2223
41	30	100	528000	2640	DFT-s-OFDM 16 QAM	1@271	25.81	24.41	0.2761
41	30	100	528000	2640	DFT-s-OFDM 64 QAM	135@67	23.79	22.39	0.1734
41	30	100	528000	2640	DFT-s-OFDM 64 QAM	1@1	23.28	21.88	0.1542
41	30	100	528000	2640	DFT-s-OFDM 64 QAM	1@271	24.26	22.86	0.1932
41	30	100	528000	2640	DFT-s-OFDM 256 QAM	135@67	21.76	20.36	0.1086
41	30	100	528000	2640	DFT-s-OFDM 256 QAM	1@1	21.06	19.66	0.0925
41	30	100	528000	2640	DFT-s-OFDM 256 QAM	1@271	21.94	20.54	0.1132
41	30	100	528000	2640	CP-OFDM QPSK	137@68	24.59	23.19	0.2084
41	30	100	528000	2640	CP-OFDM QPSK	1@1	24.42	23.02	0.2004
41	30	100	528000	2640	CP-OFDM QPSK	1@271	25.36	23.96	0.2489

Frequency Stability

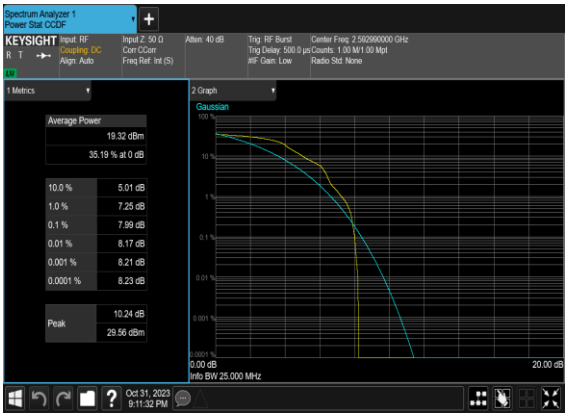
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Deviation (ppm)	Verdict	Environment
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	0.0035	**PASS**	NV
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	0.0067	**PASS**	LV
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	0.0054	**PASS**	HV
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	0.0037	**PASS**	-10℃
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	0.0036	**PASS**	0℃
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	0.0034	**PASS**	10℃
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	0.0035	**PASS**	20℃
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	0.0037	**PASS**	30℃
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	0.0025	**PASS**	40℃
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	0.0037	**PASS**	50℃

Peak to Average Ratio

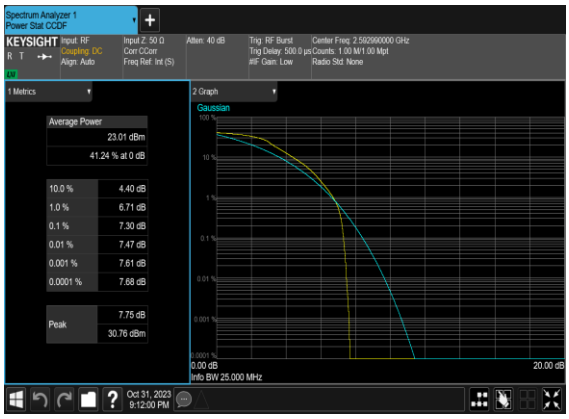
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result (dB)	Limit (dB)	Verdict
41	30	20	518598	2592.99	DFT-s-OFDM PI/2 BPSK	50@0	6.63	13	**PASS**
41	30	20	518598	2592.99	DFT-s-OFDM PI/2 BPSK	1@0	7.99	13	**PASS**
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	7.3	13	**PASS**
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	1@0	8.89	13	**PASS**

N41(20M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_Mid_CH

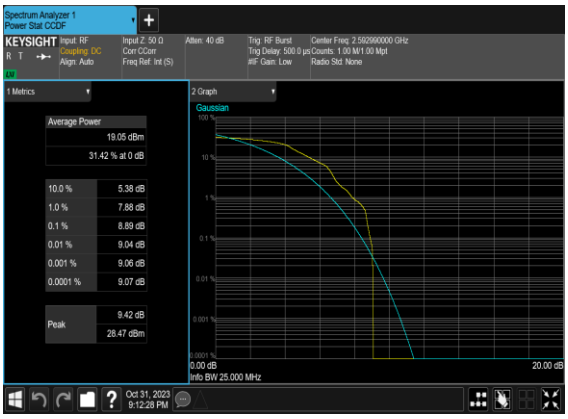
N41(20M)_DFT-s-OFDM_PI_2-BPSK_Edge_1RB_Left_Mid_CH



N41(20M)_DFT-s-OFDM_QPSK_Outer_Full_Mid_CH



N41(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH

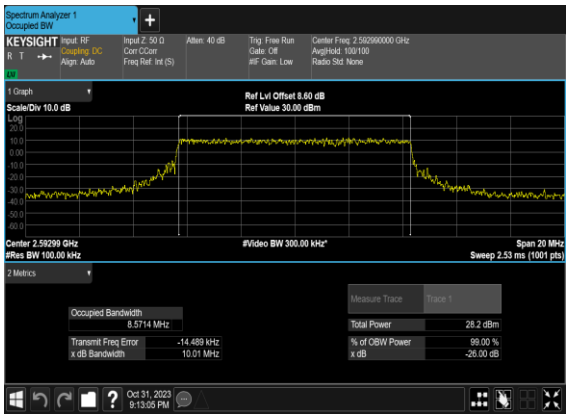


Occupied Bandwidth

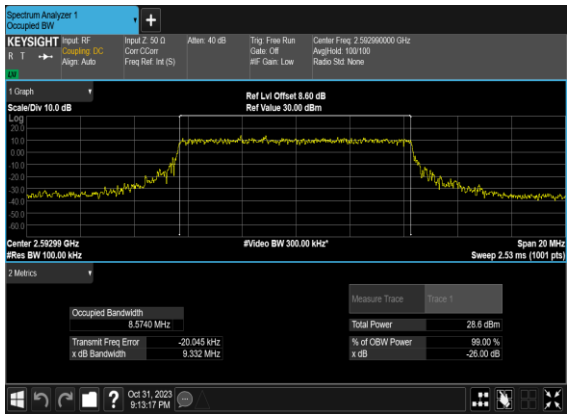
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	OBW (MHz)	26dB BW (MHz)
41	30	10	518598	2592.99	CP-OFDM QPSK	24@0	8.5714	10.01
41	30	10	518598	2592.99	CP-OFDM 16 QAM	24@0	8.574	9.332
41	30	10	518598	2592.99	CP-OFDM 64 QAM	24@0	8.5894	9.54
41	30	10	518598	2592.99	CP-OFDM 256 QAM	24@0	8.572	9.323
41	30	15	518598	2592.99	CP-OFDM QPSK	38@0	13.575	14.83
41	30	15	518598	2592.99	CP-OFDM 16 QAM	38@0	13.56	14.67
41	30	15	518598	2592.99	CP-OFDM 64 QAM	38@0	13.541	14.79
41	30	15	518598	2592.99	CP-OFDM 256 QAM	38@0	13.54	14.31
41	30	20	518598	2592.99	CP-OFDM QPSK	51@0	18.264	19.34
41	30	20	518598	2592.99	CP-OFDM 16 QAM	51@0	18.263	19.55
41	30	20	518598	2592.99	CP-OFDM 64 QAM	51@0	18.216	19.85
41	30	20	518598	2592.99	CP-OFDM 256 QAM	51@0	18.157	19.29
41	30	25	518598	2592.99	CP-OFDM QPSK	65@0	23.171	24.46
41	30	25	518598	2592.99	CP-OFDM 16 QAM	65@0	23.272	24.47
41	30	25	518598	2592.99	CP-OFDM 64 QAM	65@0	23.195	24.28
41	30	25	518598	2592.99	CP-OFDM 256 QAM	65@0	23.165	24.27
41	30	30	518598	2592.99	CP-OFDM QPSK	78@0	27.879	29.15
41	30	30	518598	2592.99	CP-OFDM 16 QAM	78@0	27.821	29.72
41	30	30	518598	2592.99	CP-OFDM 64 QAM	78@0	27.839	29.29
41	30	30	518598	2592.99	CP-OFDM 256 QAM	78@0	27.83	28.84
41	30	40	518598	2592.99	CP-OFDM QPSK	106@0	37.809	39.73
41	30	40	518598	2592.99	CP-OFDM 16 QAM	106@0	37.745	39.16
41	30	40	518598	2592.99	CP-OFDM 64 QAM	106@0	37.871	39.53
41	30	40	518598	2592.99	CP-OFDM 256 QAM	106@0	37.867	39.54
41	30	50	518598	2592.99	CP-OFDM QPSK	133@0	47.482	49.43

41	30	50	518598	2592.99	CP-OFDM 16 QAM	133@0	47.439	49.07
41	30	50	518598	2592.99	CP-OFDM 64 QAM	133@0	47.626	49.45
41	30	50	518598	2592.99	CP-OFDM 256 QAM	133@0	47.406	49.39
41	30	60	518598	2592.99	CP-OFDM QPSK	162@0	57.864	59.79
41	30	60	518598	2592.99	CP-OFDM 16 QAM	162@0	57.866	60.2
41	30	60	518598	2592.99	CP-OFDM 64 QAM	162@0	57.978	60.2
41	30	60	518598	2592.99	CP-OFDM 256 QAM	162@0	57.89	59.75
41	30	70	518598	2592.99	CP-OFDM QPSK	189@0	67.545	69.75
41	30	70	518598	2592.99	CP-OFDM 16 QAM	189@0	67.522	69.79
41	30	70	518598	2592.99	CP-OFDM 64 QAM	189@0	67.498	69.51
41	30	70	518598	2592.99	CP-OFDM 256 QAM	189@0	67.336	69.51
41	30	80	518598	2592.99	CP-OFDM QPSK	217@0	77.511	79.86
41	30	80	518598	2592.99	CP-OFDM 16 QAM	217@0	77.65	80.03
41	30	80	518598	2592.99	CP-OFDM 64 QAM	217@0	77.514	79.93
41	30	80	518598	2592.99	CP-OFDM 256 QAM	217@0	77.268	79.9
41	30	90	518598	2592.99	CP-OFDM QPSK	245@0	87.354	90.28
41	30	90	518598	2592.99	CP-OFDM 16 QAM	245@0	87.581	90.24
41	30	90	518598	2592.99	CP-OFDM 64 QAM	245@0	87.538	90.45
41	30	90	518598	2592.99	CP-OFDM 256 QAM	245@0	87.553	90.21
41	30	100	518598	2592.99	CP-OFDM QPSK	273@0	97.642	100.7
41	30	100	518598	2592.99	CP-OFDM 16 QAM	273@0	97.592	100.6
41	30	100	518598	2592.99	CP-OFDM 64 QAM	273@0	97.468	100.4
41	30	100	518598	2592.99	CP-OFDM 256 QAM	273@0	97.578	100.6

N41(10M)_CP-OFDM_QPSK_Outer_Full_Mid_CH

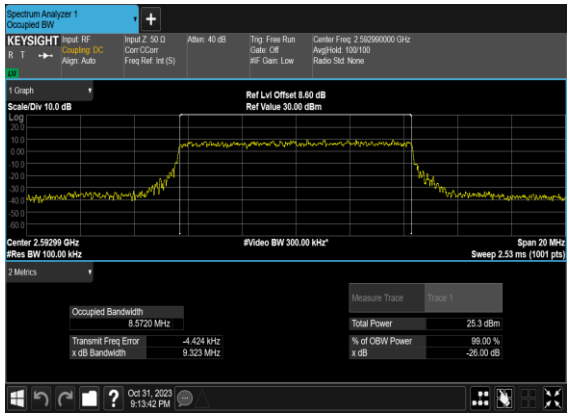


N41(10M)_CP-OFDM_16QAM_Outer_Full_Mid_CH

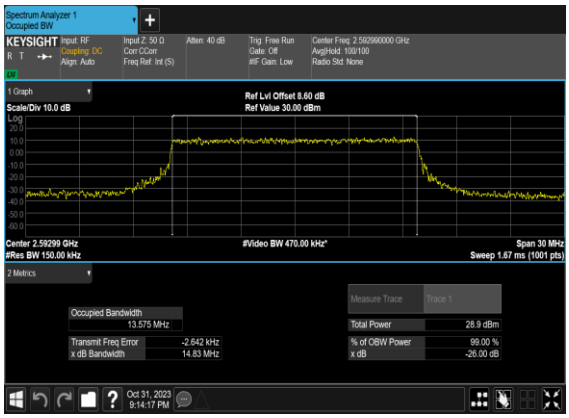


N41(10M)_CP-OFDM_64QAM_Outer_Full_Mid_CH

N41(10M)_CP-OFDM_256QAM_Outer_Full_Mid_CH

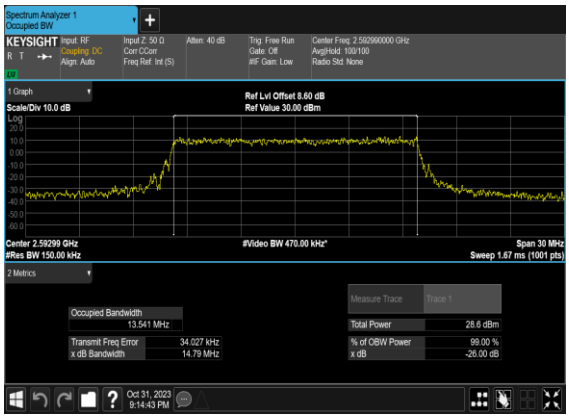


N41(15M)_CP-OFDM_QPSK_Outer_Full_Mid_CH

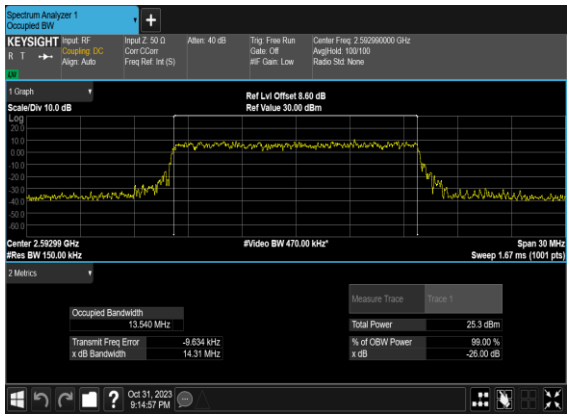


N41(15M)_CP-OFDM_16QAM_Outer_Full_Mid_CH

N41(15M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH

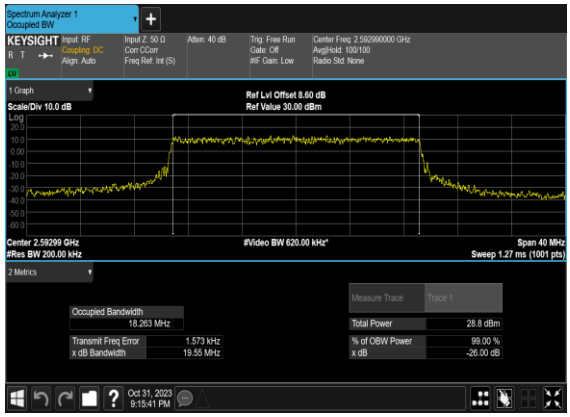


N41(15M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH

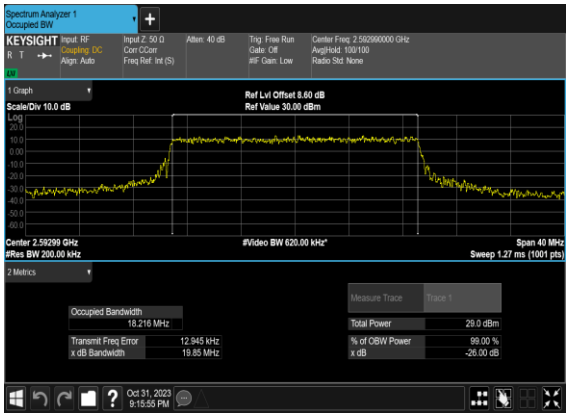


N41(20M)_CP-OFDM_QPSK_Outer_Full_Mid_CH

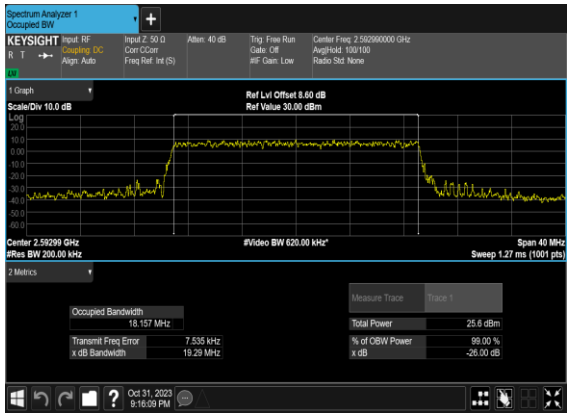
N41(20M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



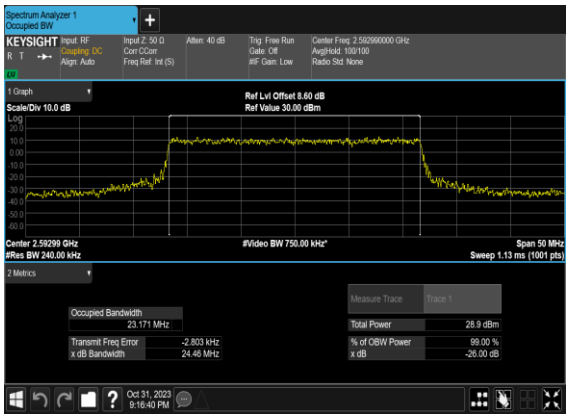
N41(20M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH



N41(20M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH



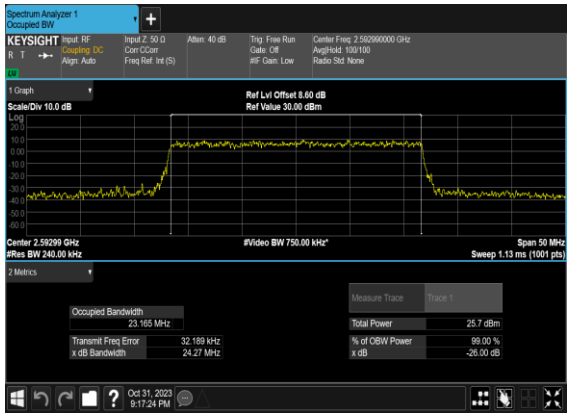
N41(25M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



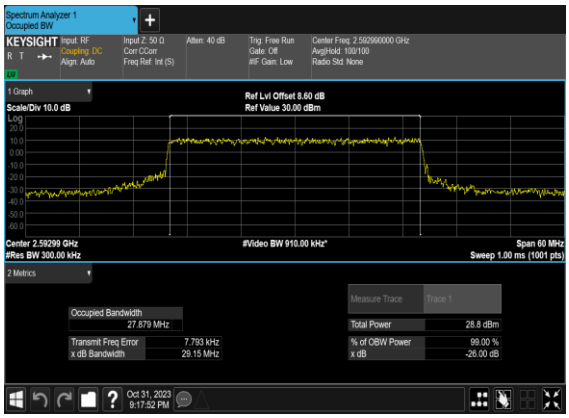
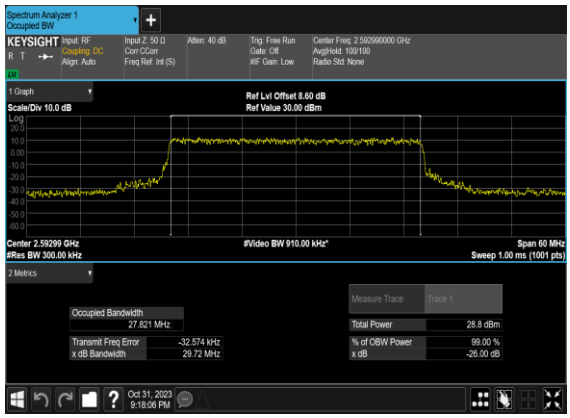
N41(25M)_CP-OFDM_16QAM_Outer_Full_Mid_CH

N41(25M)_CP-OFDM_64QAM_Outer_Full_Mid_CH

N41(25M)_CP-OFDM_256QAM_Outer_Full_Mid_CH



N41(30M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



N41(30M)_CP-OFDM_16QAM_Outer_Full_Mid_CH