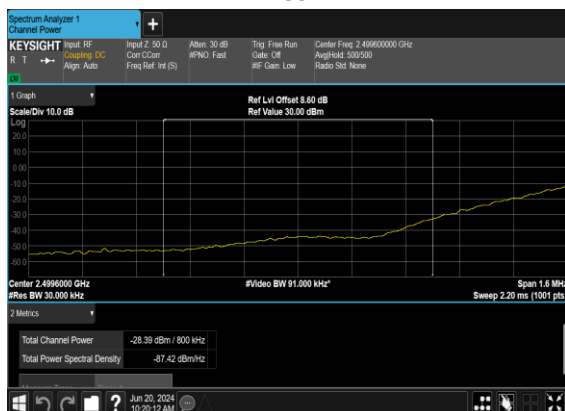
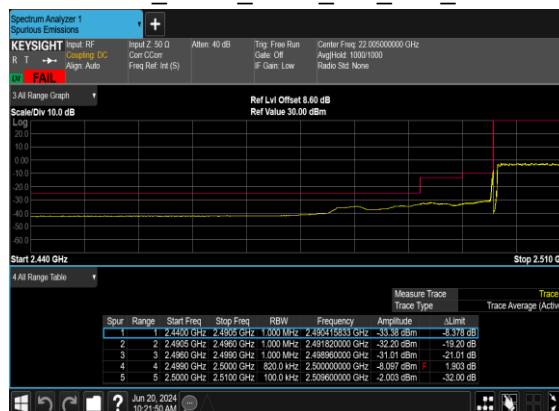




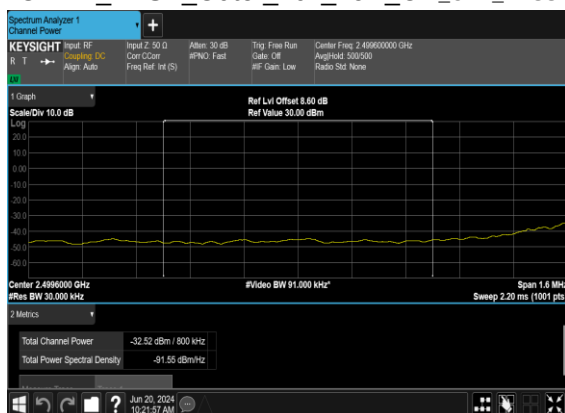
B5_N7(40M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH_CHP_P
ASS



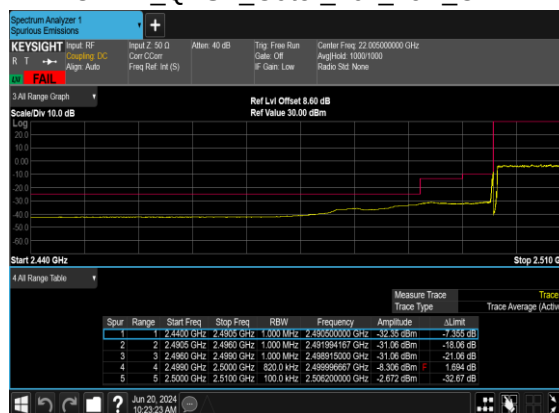
B5_N7(40M)_DFT-s-
OFDM_BPSK_Outer_Full_Low_CH



B5_N7(40M)_DFT-s-
OFDM_BPSK_Outer_Full_Low_CH_CHP_PASS

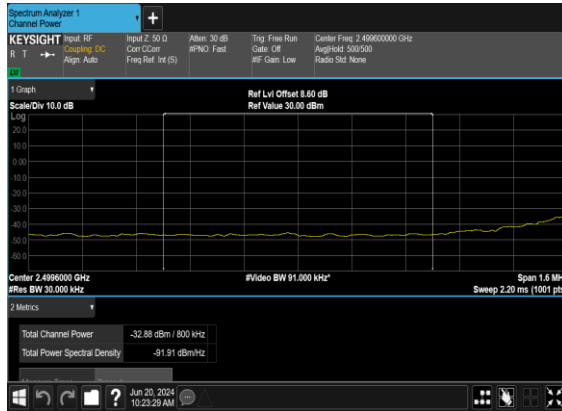


B5_N7(40M)_DFT-s-
OFDM_QPSK_Outer_Full_Low_CH

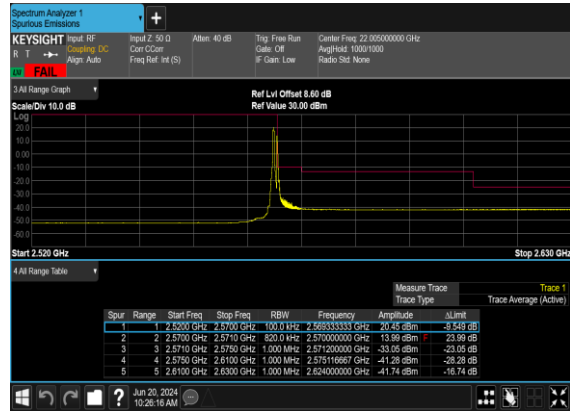




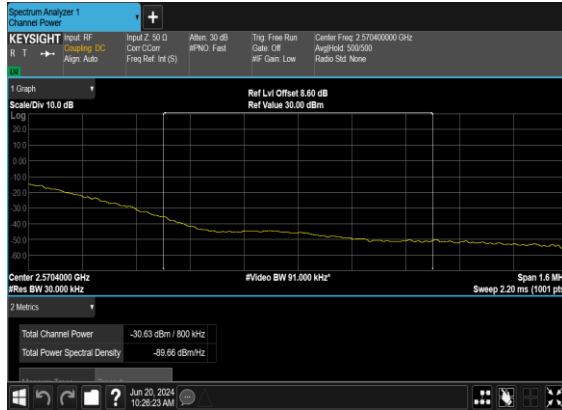
B5_N7(40M)_DFT-s-
OFDM_QPSK_Outer_Full_Low_CH_chp_PASS



B5_N7(40M)_DFT-s-
OFDM_BPSK_Edge_1RB_Right_High_CH



B5_N7(40M)_DFT-s-
OFDM_BPSK_Edge_1RB_Right_High_CH_chp_PASS

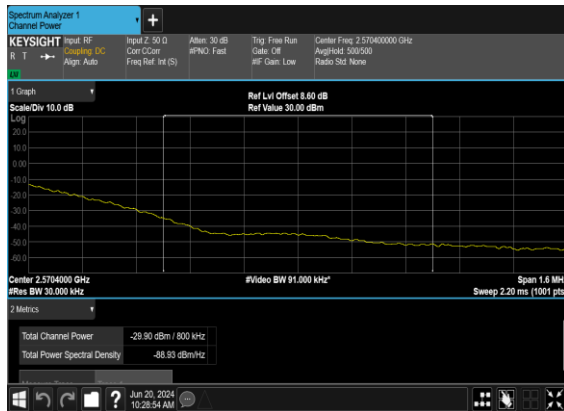


B5_N7(40M)_DFT-s-
OFDM_QPSK_Edge_1RB_Right_High_CH

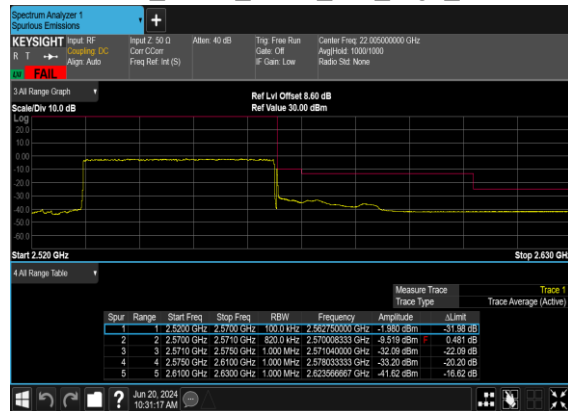




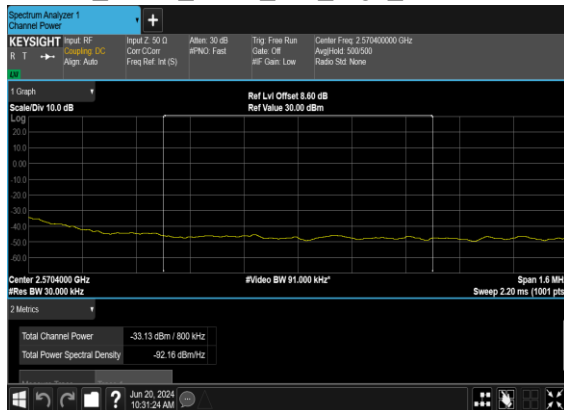
B5_N7(40M)_DFT-s-
OFDM_QPSK_Edge_1RB_Right_High_CH_CHP
_PASS



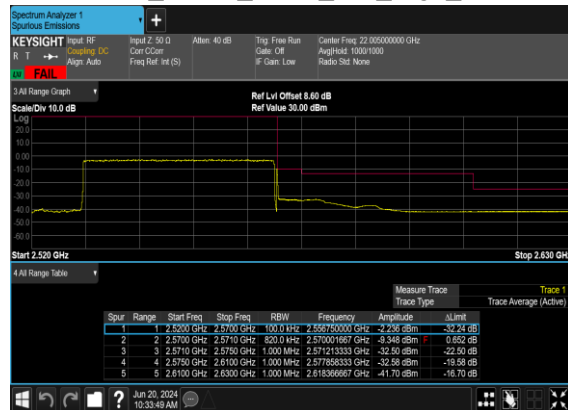
B5_N7(40M)_DFT-s-
OFDM_BPSK_Outer_Full_High_CH



B5_N7(40M)_DFT-s-
OFDM_BPSK_Outer_Full_High_CH_CHP_PASS

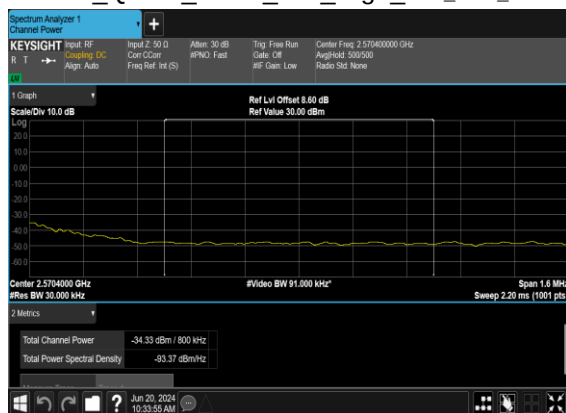


B5_N7(40M)_DFT-s-
OFDM_QPSK_Outer_Full_High_CH





B5_N7(40M)_DFT-s-
OFDM_QPSK_Outer_Full_High_CH_CHP_PASS





Software Version: 23.06.1602

FR1 N12

LTE Band: 2, LTE BW: 10M, LTE ARFCN: Mid

Transmitter Conducted Output Power And ERP, ($G_T - L_C$)=-2dB

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	24.47	20.32	0.1076
12	15	5	140300	701.5	DFT-s-OFDM 16 QAM	1@1	23.5	19.35	0.0861
12	15	5	141500	707.5	DFT-s-OFDM QPSK	1@1	24.36	20.21	0.1050
12	15	5	141500	707.5	DFT-s-OFDM 16 QAM	1@1	23.41	19.26	0.0843
12	15	5	142700	713.5	DFT-s-OFDM QPSK	1@1	24.41	20.26	0.1062
12	15	5	142700	713.5	DFT-s-OFDM 16 QAM	1@1	23.35	19.2	0.0832
12	15	10	140800	704	DFT-s-OFDM QPSK	1@1	24.51	20.36	0.1086
12	15	10	140800	704	DFT-s-OFDM 16 QAM	1@1	23.57	19.42	0.0875
12	15	10	141500	707.5	DFT-s-OFDM QPSK	1@1	24.45	20.3	0.1072
12	15	10	141500	707.5	DFT-s-OFDM 16 QAM	1@1	23.5	19.35	0.0861
12	15	10	142200	711	DFT-s-OFDM QPSK	1@1	24.42	20.27	0.1064
12	15	10	142200	711	DFT-s-OFDM 16 QAM	1@1	23.45	19.3	0.0851
12	15	15	141300	706.5	DFT-s-OFDM PI/2 BPSK	36@18	24.4	20.25	0.1059
12	15	15	141300	706.5	DFT-s-OFDM PI/2 BPSK	1@1	24.5	20.35	0.1084
12	15	15	141300	706.5	DFT-s-OFDM PI/2 BPSK	1@77	24.3	20.15	0.1035
12	15	15	141300	706.5	DFT-s-OFDM QPSK	36@18	24.44	20.29	0.1069
12	15	15	141300	706.5	DFT-s-OFDM QPSK	1@1	24.52	20.37	0.1089



12	15	15	141300	706.5	DFT-s-OFDM QPSK	1@77	24.33	20.18	0.1042
12	15	15	141300	706.5	DFT-s-OFDM 16 QAM	36@18	23.58	19.43	0.0877
12	15	15	141300	706.5	DFT-s-OFDM 16 QAM	1@1	23.54	19.39	0.0869
12	15	15	141300	706.5	DFT-s-OFDM 16 QAM	1@77	23.36	19.21	0.0834
12	15	15	141300	706.5	DFT-s-OFDM 64 QAM	36@18	22.07	17.92	0.0619
12	15	15	141300	706.5	DFT-s-OFDM 64 QAM	1@1	22.24	18.09	0.0644
12	15	15	141300	706.5	DFT-s-OFDM 64 QAM	1@77	22.04	17.89	0.0615
12	15	15	141300	706.5	DFT-s-OFDM 256 QAM	36@18	20.02	15.87	0.0386
12	15	15	141300	706.5	DFT-s-OFDM 256 QAM	1@1	19.51	15.36	0.0344
12	15	15	141300	706.5	DFT-s-OFDM 256 QAM	1@77	19.43	15.28	0.0337
12	15	15	141300	706.5	CP-OFDM QPSK	39@19	23.04	18.89	0.0774
12	15	15	141300	706.5	CP-OFDM QPSK	1@1	23.05	18.9	0.0776
12	15	15	141300	706.5	CP-OFDM QPSK	1@77	22.94	18.79	0.0757
12	15	15	141500	707.5	DFT-s-OFDM PI/2 BPSK	36@18	24.38	20.23	0.1054
12	15	15	141500	707.5	DFT-s-OFDM PI/2 BPSK	1@1	24.4	20.25	0.1059
12	15	15	141500	707.5	DFT-s-OFDM PI/2 BPSK	1@77	24.28	20.13	0.1030
12	15	15	141500	707.5	DFT-s-OFDM QPSK	36@18	24.45	20.3	0.1072
12	15	15	141500	707.5	DFT-s-OFDM QPSK	1@1	24.43	20.28	0.1067
12	15	15	141500	707.5	DFT-s-OFDM QPSK	1@77	24.3	20.15	0.1035
12	15	15	141500	707.5	DFT-s-OFDM 16 QAM	36@18	23.53	19.38	0.0867
12	15	15	141500	707.5	DFT-s-OFDM 16 QAM	1@1	23.47	19.32	0.0855
12	15	15	141500	707.5	DFT-s-OFDM 16 QAM	1@77	23.33	19.18	0.0828
12	15	15	141500	707.5	DFT-s-OFDM 64 QAM	36@18	22.06	17.91	0.0618



12	15	15	141500	707.5	DFT-s-OFDM 64 QAM	1@1	22.24	18.09	0.0644
12	15	15	141500	707.5	DFT-s-OFDM 64 QAM	1@77	22.05	17.9	0.0617
12	15	15	141500	707.5	DFT-s-OFDM 256 QAM	36@18	19.95	15.8	0.0380
12	15	15	141500	707.5	DFT-s-OFDM 256 QAM	1@1	19.5	15.35	0.0343
12	15	15	141500	707.5	DFT-s-OFDM 256 QAM	1@77	19.42	15.27	0.0337
12	15	15	141500	707.5	CP-OFDM QPSK	39@19	22.97	18.82	0.0762
12	15	15	141500	707.5	CP-OFDM QPSK	1@1	23.01	18.86	0.0769
12	15	15	141500	707.5	CP-OFDM QPSK	1@77	22.91	18.76	0.0752
12	15	15	141700	708.5	DFT-s-OFDM PI/2 BPSK	36@18	24.34	20.19	0.1045
12	15	15	141700	708.5	DFT-s-OFDM PI/2 BPSK	1@1	24.38	20.23	0.1054
12	15	15	141700	708.5	DFT-s-OFDM PI/2 BPSK	1@77	24.25	20.1	0.1023
12	15	15	141700	708.5	DFT-s-OFDM QPSK	36@18	24.37	20.22	0.1052
12	15	15	141700	708.5	DFT-s-OFDM QPSK	1@1	24.42	20.27	0.1064
12	15	15	141700	708.5	DFT-s-OFDM QPSK	1@77	24.29	20.14	0.1033
12	15	15	141700	708.5	DFT-s-OFDM 16 QAM	36@18	23.49	19.34	0.0859
12	15	15	141700	708.5	DFT-s-OFDM 16 QAM	1@1	23.42	19.27	0.0845
12	15	15	141700	708.5	DFT-s-OFDM 16 QAM	1@77	23.25	19.1	0.0813
12	15	15	141700	708.5	DFT-s-OFDM 64 QAM	36@18	22.05	17.9	0.0617
12	15	15	141700	708.5	DFT-s-OFDM 64 QAM	1@1	22.2	18.05	0.0638
12	15	15	141700	708.5	DFT-s-OFDM 64 QAM	1@77	22.06	17.91	0.0618
12	15	15	141700	708.5	DFT-s-OFDM 256 QAM	36@18	19.95	15.8	0.0380
12	15	15	141700	708.5	DFT-s-OFDM 256 QAM	1@1	19.51	15.36	0.0344
12	15	15	141700	708.5	DFT-s-OFDM 256 QAM	1@77	19.89	15.74	0.0375



12	15	15	141700	708.5	CP-OFDM QPSK	39@19	22.95	18.8	0.0759
12	15	15	141700	708.5	CP-OFDM QPSK	1@1	22.95	18.8	0.0759
12	15	15	141700	708.5	CP-OFDM QPSK	1@77	22.88	18.73	0.0746



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	0.0059	PASS	NV
12	15	10	141500	707.5	DFT-s-OFDM QPSK	50@0	0.0068	PASS	LV
12	15	10	141500	707.5	DFT-s-OFDM QPSK	50@0	0.0066	PASS	HV
12	15	10	141500	707.5	DFT-s-OFDM QPSK	50@0	0.0037	PASS	-30℃
12	15	10	141500	707.5	DFT-s-OFDM QPSK	50@0	0.0066	PASS	-20℃
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	0.0056	PASS	0℃
12	15	10	141500	707.5	DFT-s-OFDM QPSK	50@0	0.0058	PASS	10℃
12	15	10	141500	707.5	DFT-s-OFDM QPSK	50@0	0.0059	PASS	20℃
12	15	10	141500	707.5	DFT-s-OFDM QPSK	50@0	0.0023	PASS	30℃
12	15	10	141500	707.5	DFT-s-OFDM QPSK	50@0	0.0045	PASS	40℃
12	15	10	141500	707.5	DFT-s-OFDM QPSK	50@0	0.0030	PASS	50℃

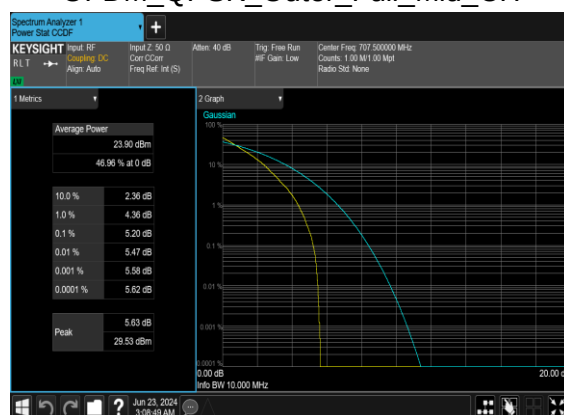
Peak to Average Ratio

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	4.09	13	PASS
12	15	10	141500	707.5	DFT-s-OFDM QPSK	50@0	5.2	13	PASS

B2_N12(10M)_DFT-s-OFDM_PI_2-
BPSK_Outer_Full_Mid_CH



B2_N12(10M)_DFT-s-OFDM_QPSK_Outer_Full_Mid_CH

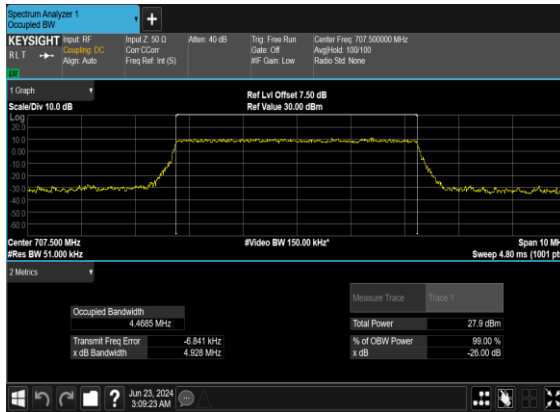


**Occupied Bandwidth**

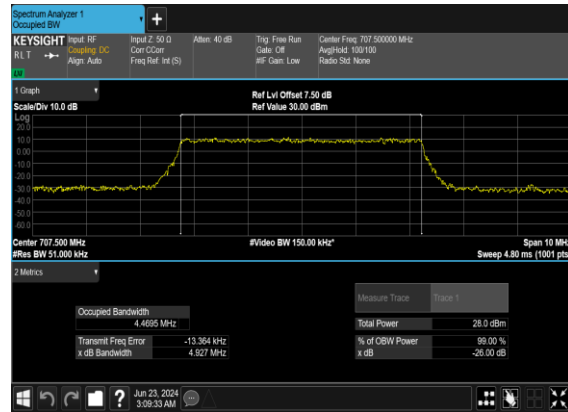
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	OBW (MHz)	26dB BW (MHz)
12	15	5	141500	707.5	CP-OFDM QPSK	25@0	4.4685	4.928
12	15	5	141500	707.5	CP-OFDM 16 QAM	25@0	4.4695	4.927
12	15	5	141500	707.5	CP-OFDM 64 QAM	25@0	4.4648	4.848
12	15	5	141500	707.5	CP-OFDM 256 QAM	25@0	4.4658	4.943
12	15	10	141500	707.5	CP-OFDM QPSK	52@0	9.2645	9.859
12	15	10	141500	707.5	CP-OFDM 16 QAM	52@0	9.2822	9.775
12	15	10	141500	707.5	CP-OFDM 64 QAM	52@0	9.2375	9.775
12	15	10	141500	707.5	CP-OFDM 256 QAM	52@0	9.2757	9.896
12	15	15	141500	707.5	CP-OFDM QPSK	79@0	14.06	14.83
12	15	15	141500	707.5	CP-OFDM 16 QAM	79@0	14.06	14.75
12	15	15	141500	707.5	CP-OFDM 64 QAM	79@0	14.118	14.72
12	15	15	141500	707.5	CP-OFDM 256 QAM	79@0	14.072	14.73



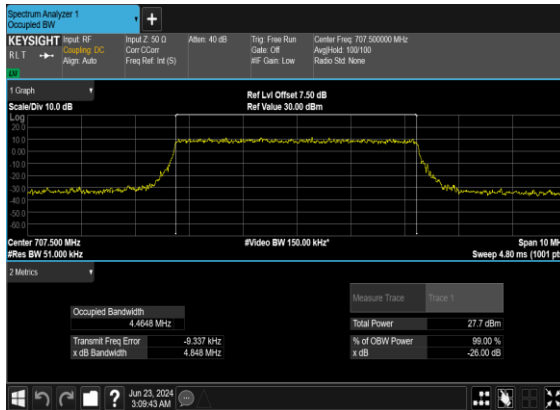
B2_N12(5M)_CP-
OFDM_QPSK_Outer_Full_Mid_CH



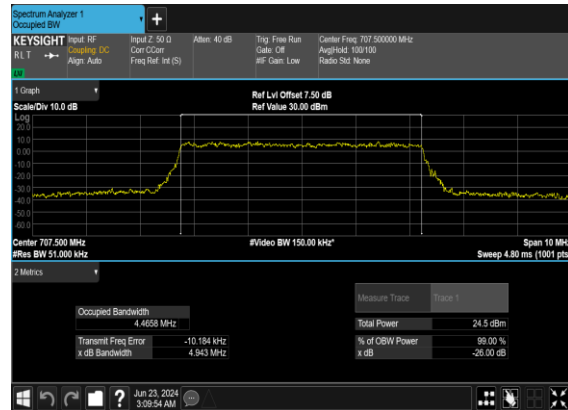
B2_N12(5M)_CP-OFDM_16
QAM_Outer_Full_Mid_CH



B2_N12(5M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH

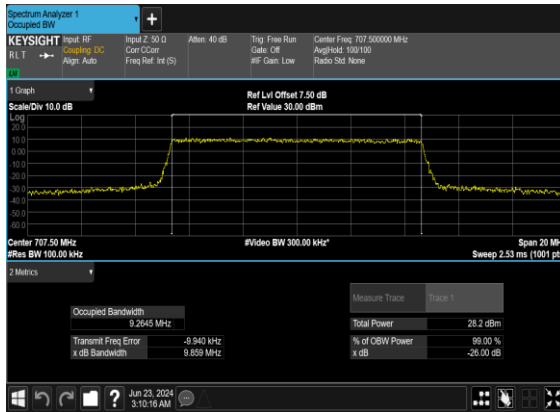


B2_N12(5M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH

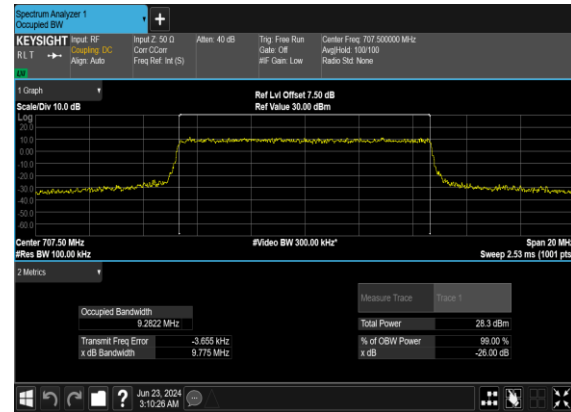




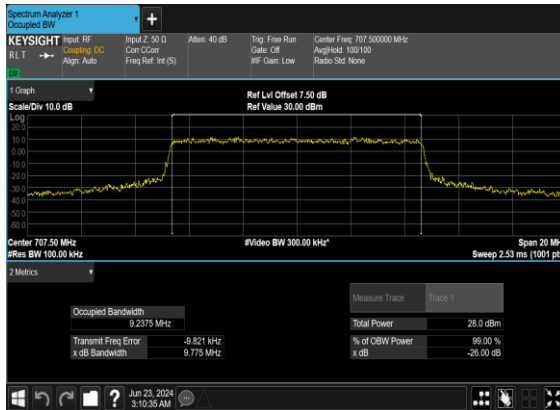
B2_N12(10M)_CP-
OFDM_QPSK_Outer_Full_Mid_CH



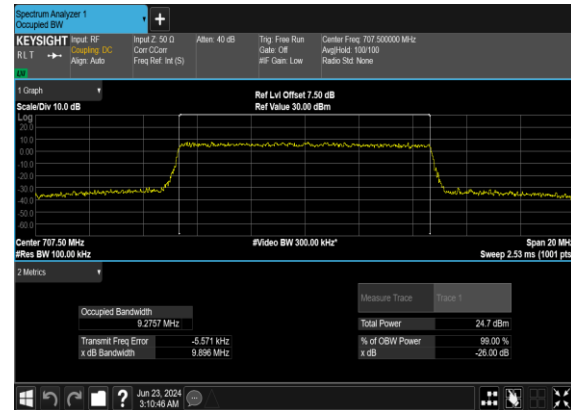
B2_N12(10M)_CP-OFDM_16
QAM_Outer_Full_Mid_CH



B2_N12(10M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH

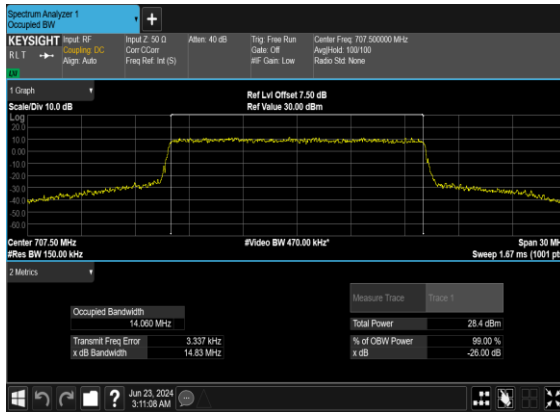


B2_N12(10M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH

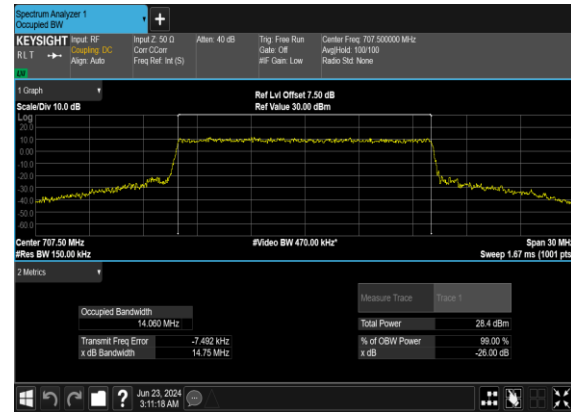




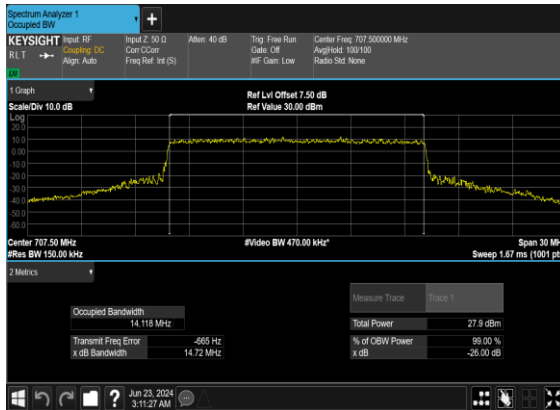
B2_N12(15M)_CP-
OFDM_QPSK_Outer_Full_Mid_CH



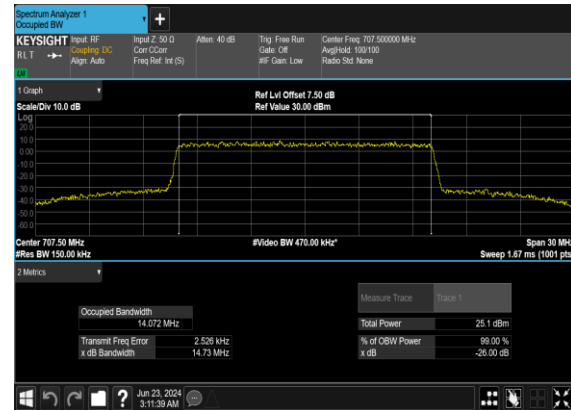
B2_N12(15M)_CP-OFDM_16
QAM_Outer_Full_Mid_CH



B2_N12(15M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH



B2_N12(15M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH



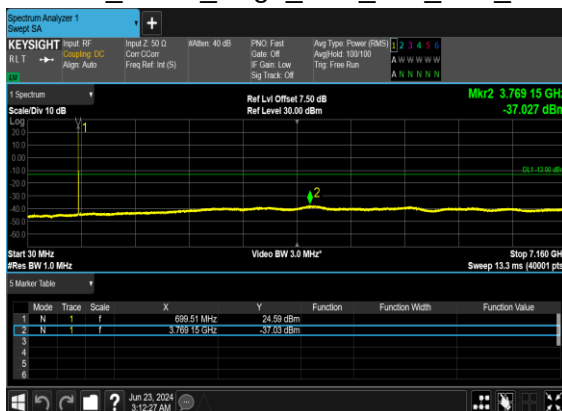


Conducted Spurious Emissions

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

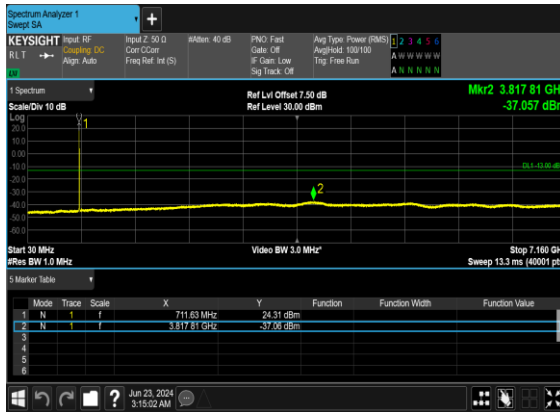


12	15	10	142200	711.0	DFT-s-OFDM BPSK	1@0	see graph	---
12	15	10	142200	711.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
12	15	10	142200	711.0	DFT-s-OFDM QPSK	1@0	see graph	---
12	15	10	142200	711.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
12	15	15	141300	706.5	DFT-s-OFDM BPSK	1@0	see graph	---
12	15	15	141300	706.5	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

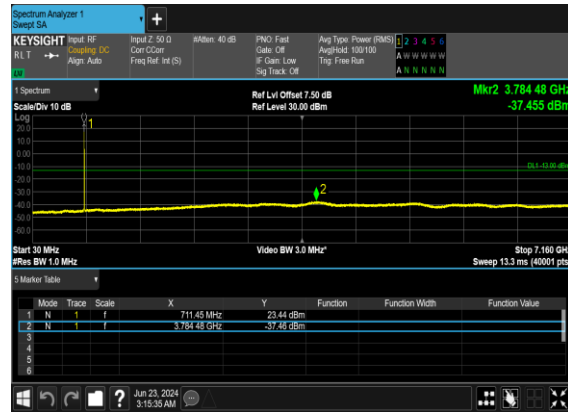
B2_N12(5M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CHB2_N12(5M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CHB2_N12(5M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Mid_CHB2_N12(5M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Mid_CH



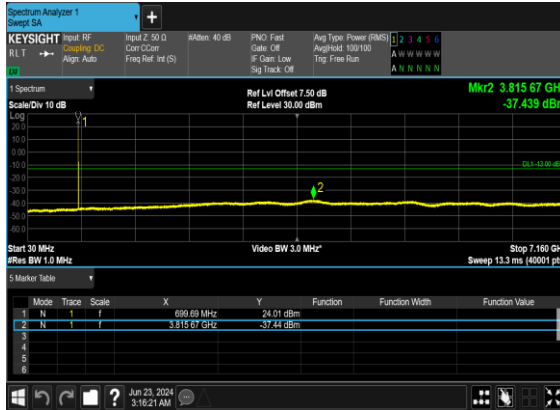
B2_N12(5M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_High_CH



B2_N12(5M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_High_CH



B2_N12(10M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH

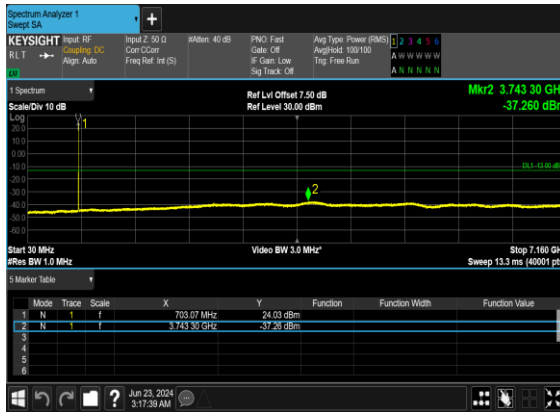


B2_N12(10M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH

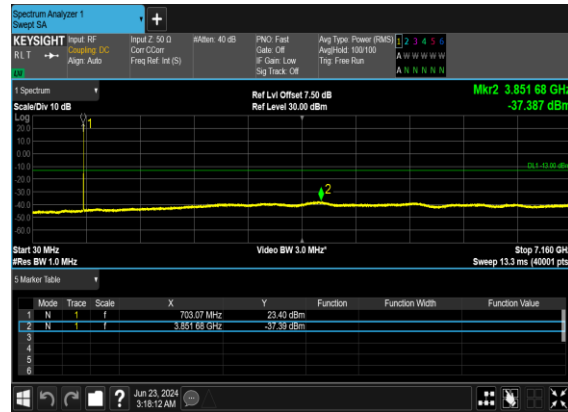




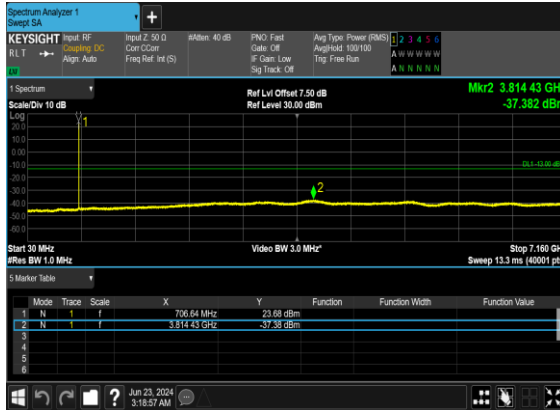
B2_N12(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



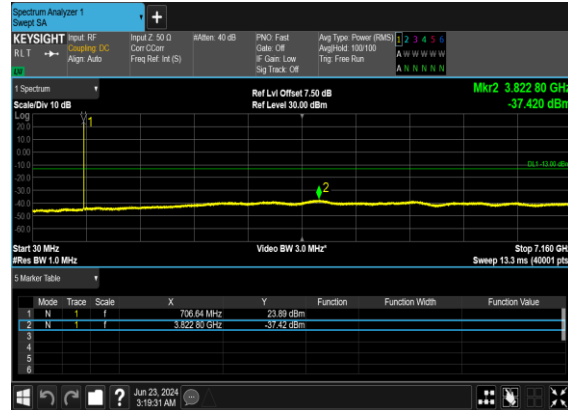
B2_N12(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



B2_N12(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH

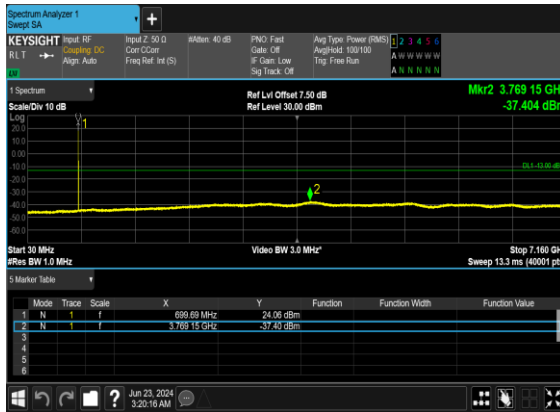


B2_N12(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH

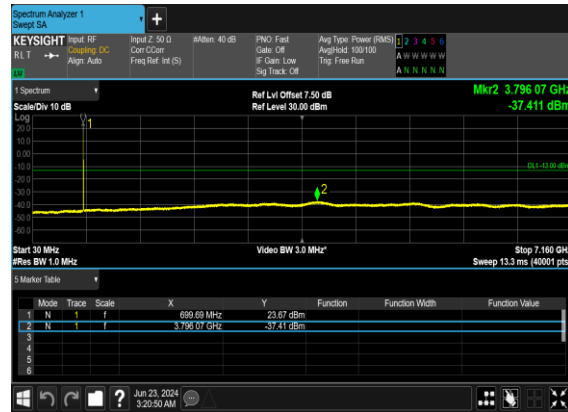




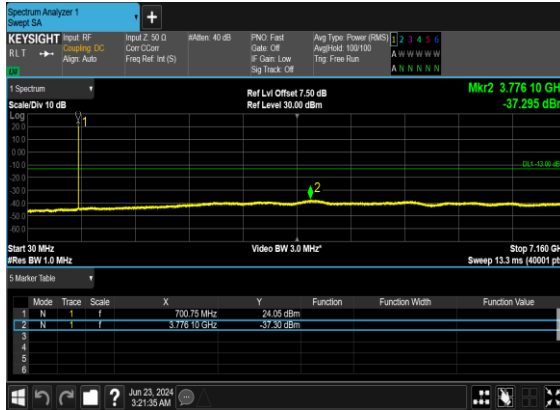
B2_N12(15M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



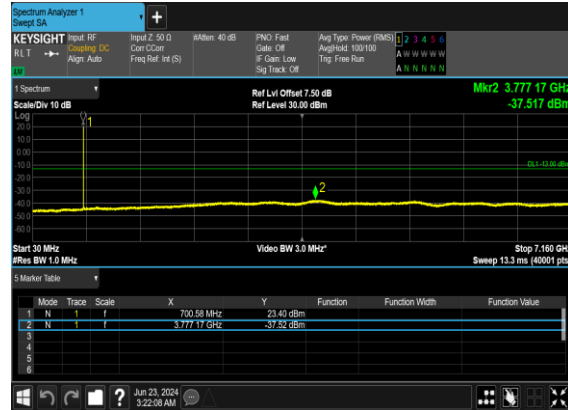
B2_N12(15M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH



B2_N12(15M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Mid_CH



B2_N12(15M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Mid_CH

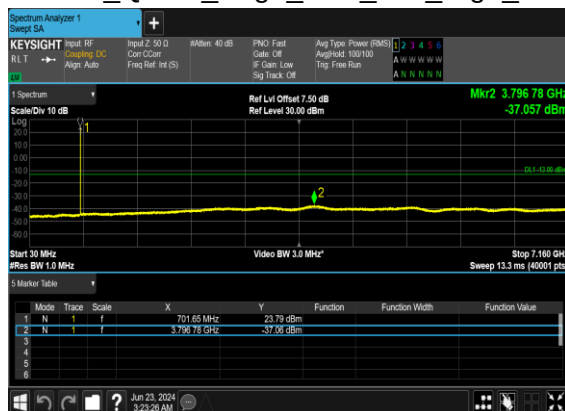




B2_N12(15M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_High_CH



B2_N12(15M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_High_CH



**Conducted Band Edge**

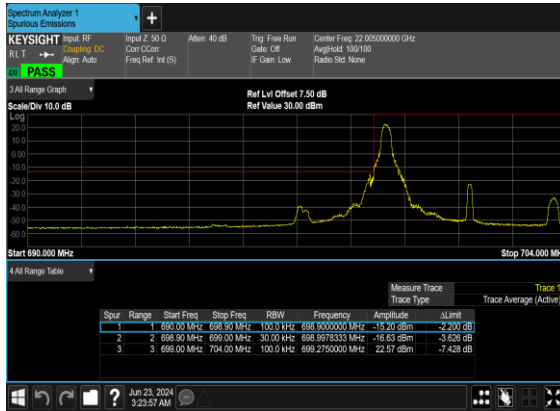
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
12	15	5	140300	701.5	DFT-s-OFDM BPSK	1@0	see graph	PASS
12	15	5	140300	701.5	DFT-s-OFDM QPSK	1@0	see graph	PASS
12	15	5	140300	701.5	DFT-s-OFDM BPSK	25@0	see graph	PASS
12	15	5	140300	701.5	DFT-s-OFDM QPSK	25@0	see graph	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



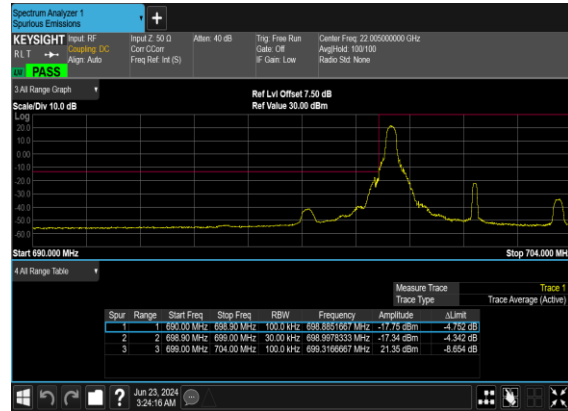
12	15	15	141700	708.5	DFT-s-OFDM BPSK	1@78	see graph	PASS
12	15	15	141700	708.5	DFT-s-OFDM QPSK	1@78	see graph	PASS
12	15	15	141700	708.5	DFT-s-OFDM BPSK	75@0	see graph	PASS
12	15	15	141700	708.5	DFT-s-OFDM QPSK	75@0	see graph	PASS



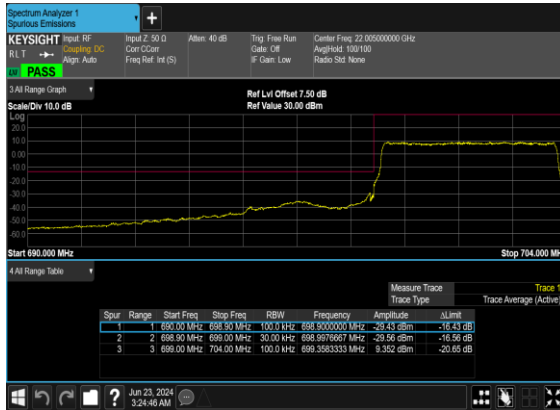
B2_N12(5M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



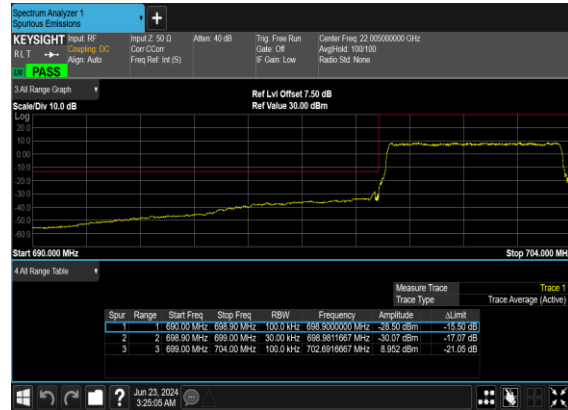
B2_N12(5M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH



B2_N12(5M)_DFT-s-
OFDM_BPSK_Outer_Full_Low_CH

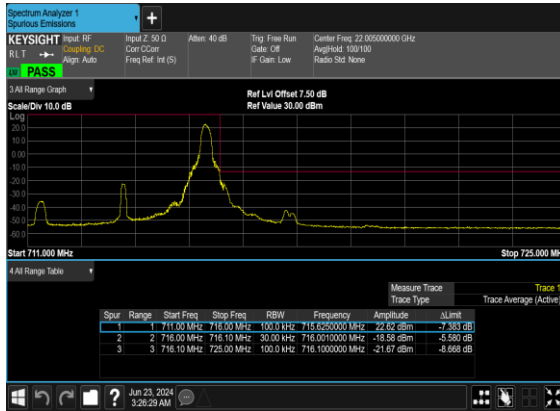


B2_N12(5M)_DFT-s-
OFDM_QPSK_Outer_Full_Low_CH

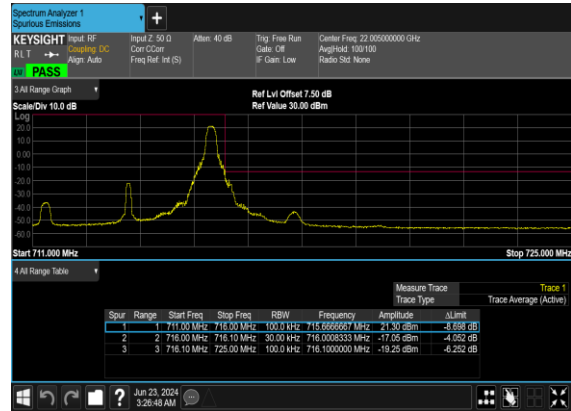




B2_N12(5M)_DFT-s-
OFDM_BPSK_Edge_1RB_Right_High_CH



B2_N12(5M)_DFT-s-
OFDM_QPSK_Edge_1RB_Right_High_CH



B2_N12(5M)_DFT-s-
OFDM_BPSK_Outer_Full_High_CH

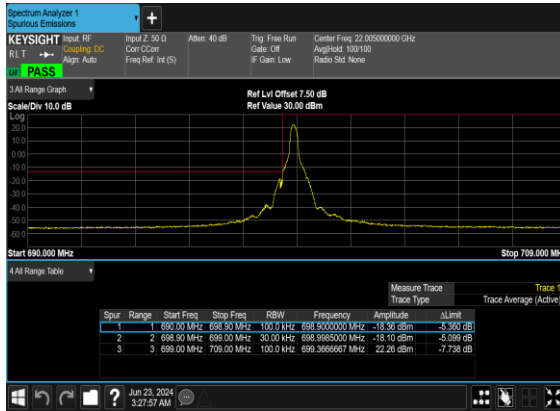


B2_N12(5M)_DFT-s-
OFDM_QPSK_Outer_Full_High_CH

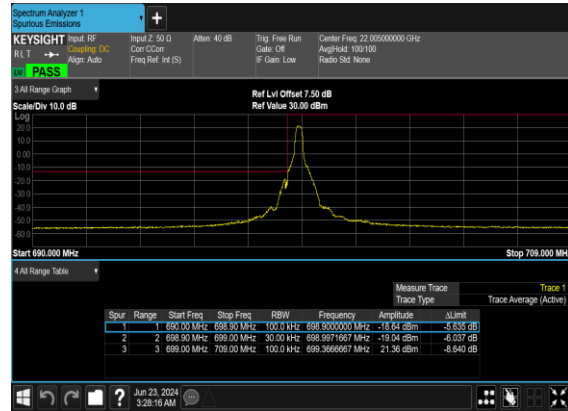




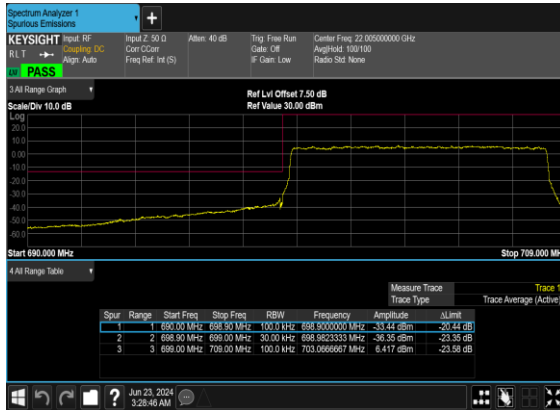
B2_N12(10M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



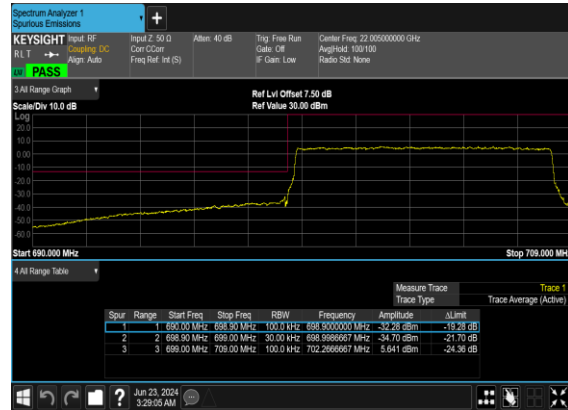
B2_N12(10M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH



B2_N12(10M)_DFT-s-
OFDM_BPSK_Outer_Full_Low_CH

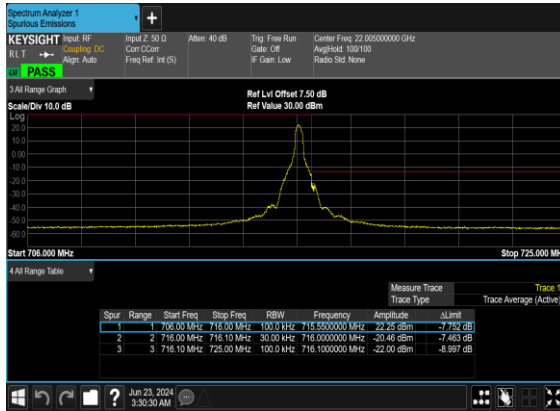


B2_N12(10M)_DFT-s-
OFDM_QPSK_Outer_Full_Low_CH

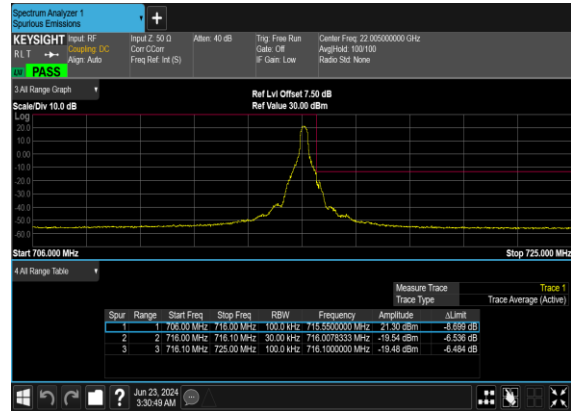




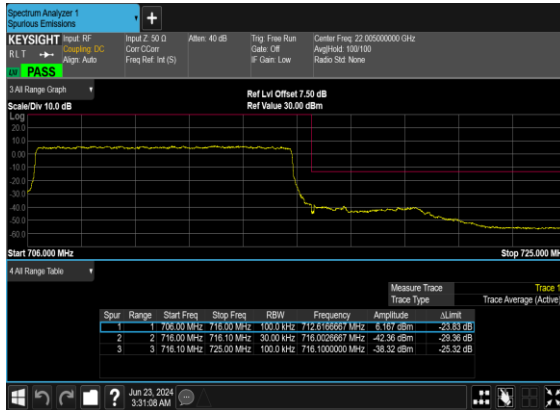
B2_N12(10M)_DFT-s-
OFDM_BPSK_Edge_1RB_Right_High_CH



B2_N12(10M)_DFT-s-
OFDM_QPSK_Edge_1RB_Right_High_CH



B2_N12(10M)_DFT-s-
OFDM_BPSK_Outer_Full_High_CH

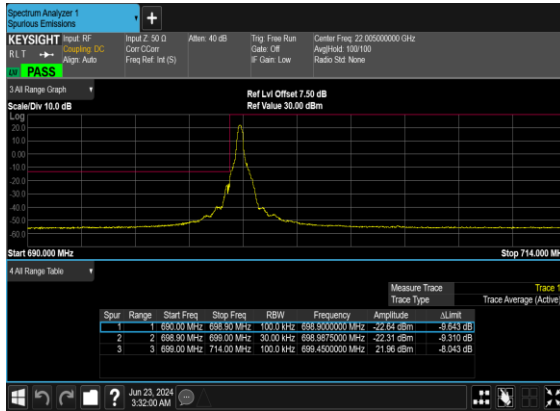


B2_N12(10M)_DFT-s-
OFDM_QPSK_Outer_Full_High_CH

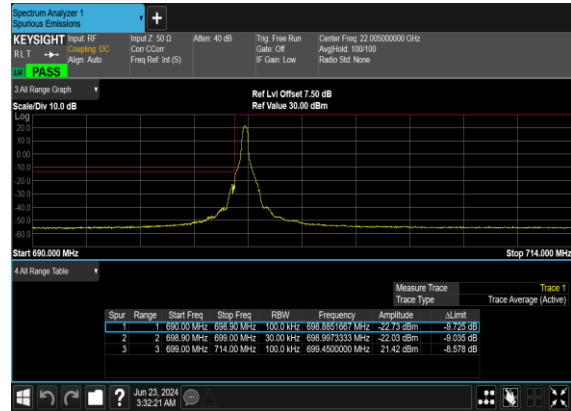




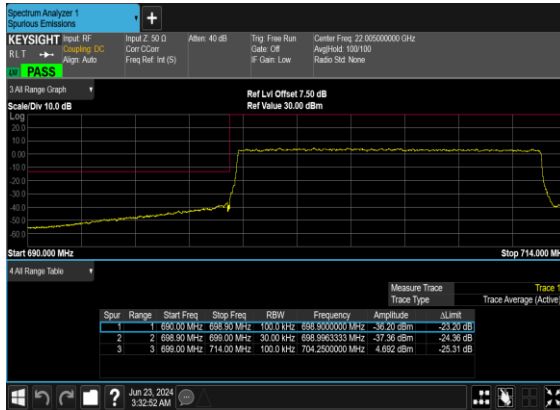
B2_N12(15M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



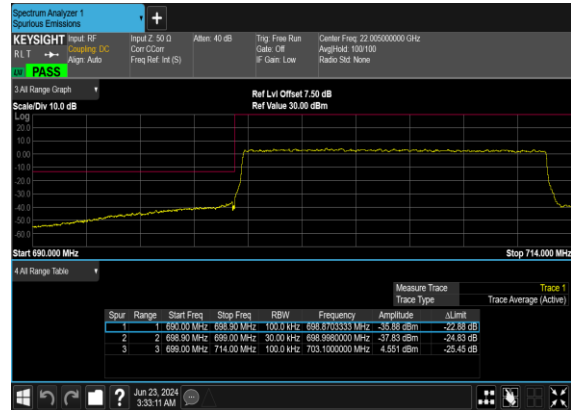
B2_N12(15M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH



B2_N12(15M)_DFT-s-
OFDM_BPSK_Outer_Full_Low_CH

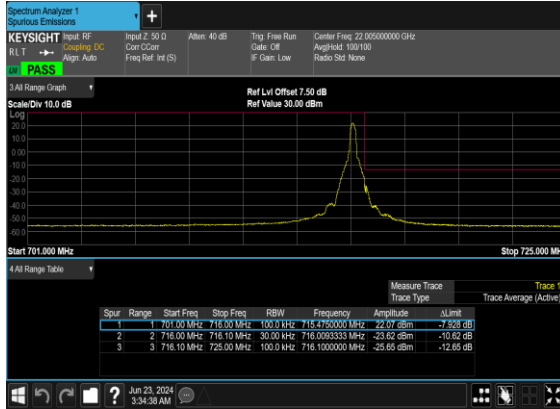


B2_N12(15M)_DFT-s-
OFDM_QPSK_Outer_Full_Low_CH

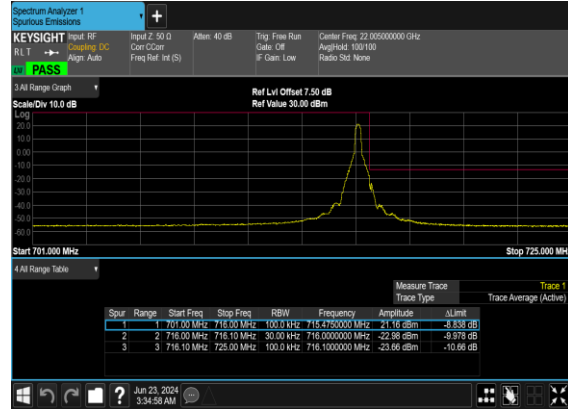




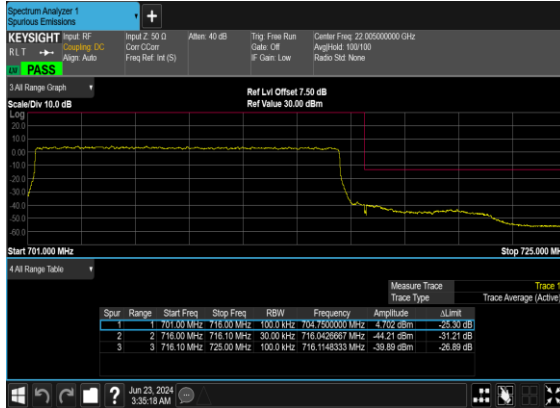
B2_N12(15M)_DFT-s-
OFDM_BPSK_Edge_1RB_Right_High_CH



B2_N12(15M)_DFT-s-
OFDM_QPSK_Edge_1RB_Right_High_CH



B2_N12(15M)_DFT-s-
OFDM_BPSK_Outer_Full_High_CH



B2_N12(15M)_DFT-s-
OFDM_QPSK_Outer_Full_High_CH





Software Version: 23.06.1602

FR1 N13

Transmitter Conducted Output Power And ERP, ($G_T - L_C$)=-2dB

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Conducted Power(dBm)	ERP (dBm)	ERP (W)
13	15	5	149700	779.5	DFT-s-OFDM QPSK	1@1	24.19	20.04	0.1009
13	15	5	149700	779.5	DFT-s-OFDM 16 QAM	1@1	23.23	19.08	0.0809
13	15	5	150200	782	DFT-s-OFDM QPSK	1@1	24.02	19.87	0.0971
13	15	5	150200	782	DFT-s-OFDM 16 QAM	1@1	23.1	18.95	0.0785
13	15	5	150700	784.5	DFT-s-OFDM QPSK	1@1	24.06	19.91	0.0979
13	15	5	150700	784.5	DFT-s-OFDM 16 QAM	1@1	23.15	19	0.0794
13	15	10	150200	782	DFT-s-OFDM PI/2 BPSK	25@12	24.06	19.91	0.0979
13	15	10	150200	782	DFT-s-OFDM PI/2 BPSK	1@1	24.08	19.93	0.0984
13	15	10	150200	782	DFT-s-OFDM PI/2 BPSK	1@50	23.93	19.78	0.0951
13	15	10	150200	782	DFT-s-OFDM QPSK	25@12	24.04	19.89	0.0975
13	15	10	150200	782	DFT-s-OFDM QPSK	1@1	24.27	20.12	0.1028
13	15	10	150200	782	DFT-s-OFDM QPSK	1@50	24	19.85	0.0966
13	15	10	150200	782	DFT-s-OFDM 16 QAM	25@12	22.95	18.8	0.0759
13	15	10	150200	782	DFT-s-OFDM 16 QAM	1@1	23.27	19.12	0.0817
13	15	10	150200	782	DFT-s-OFDM 16 QAM	1@50	23.02	18.87	0.0771
13	15	10	150200	782	DFT-s-OFDM 64 QAM	25@12	21.59	17.44	0.0555
13	15	10	150200	782	DFT-s-OFDM 64 QAM	1@1	21.85	17.7	0.0589
13	15	10	150200	782	DFT-s-OFDM 64 QAM	1@50	21.61	17.46	0.0557



13	15	10	150200	782	DFT-s-OFDM 256 QAM	25@12	19.57	15.42	0.0348
13	15	10	150200	782	DFT-s-OFDM 256 QAM	1@1	19.38	15.23	0.0333
13	15	10	150200	782	DFT-s-OFDM 256 QAM	1@50	19.22	15.07	0.0321
13	15	10	150200	782	CP-OFDM QPSK	26@13	22.48	18.33	0.0681
13	15	10	150200	782	CP-OFDM QPSK	1@1	22.73	18.58	0.0721
13	15	10	150200	782	CP-OFDM QPSK	1@50	22.55	18.4	0.0692



Frequency Stability

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Deviation (ppm)	Verdict	Environment
13	15	10	150200	782.0	DFT-s-OFDM QPSK	50@0	0.0047	PASS	NV
13	15	10	150200	782.0	DFT-s-OFDM QPSK	50@0	0.0057	PASS	LV
13	15	10	150200	782.0	DFT-s-OFDM QPSK	50@0	0.0067	PASS	HV
13	15	10	150200	782.0	DFT-s-OFDM QPSK	50@0	0.0060	PASS	-30℃
13	15	10	150200	782.0	DFT-s-OFDM QPSK	50@0	0.0028	PASS	-20℃
13	15	10	150200	782.0	DFT-s-OFDM QPSK	50@0	0.0054	PASS	-10℃
13	15	10	150200	782.0	DFT-s-OFDM QPSK	50@0	0.0049	PASS	0℃
13	15	10	150200	782.0	DFT-s-OFDM QPSK	50@0	0.0024	PASS	10℃
13	15	10	150200	782.0	DFT-s-OFDM QPSK	50@0	0.0047	PASS	20℃
13	15	10	150200	782.0	DFT-s-OFDM QPSK	50@0	0.0035	PASS	30℃
13	15	10	150200	782.0	DFT-s-OFDM QPSK	50@0	0.0040	PASS	40℃
13	15	10	150200	782.0	DFT-s-OFDM QPSK	50@0	0.0024	PASS	50℃

Peak to Average Ratio

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result (dB)	Limit (dB)	Verdict
13	15	10	150200	782.0	DFT-s-OFDM PI/2 BPSK	50@0	4.28	13	PASS
13	15	10	150200	782.0	DFT-s-OFDM QPSK	50@0	5.81	13	PASS

N13(10M)_DFT-s-OFDM_PI_2-
BPSK_Outer_Full_Mid_CH



N13(10M)_DFT-s-OFDM_QPSK_Outer_Full_Mid_CH

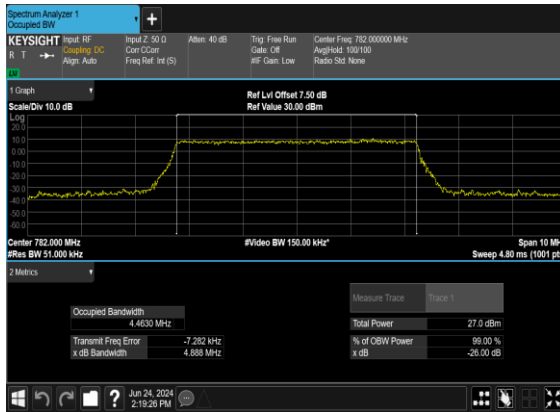


**Occupied Bandwidth**

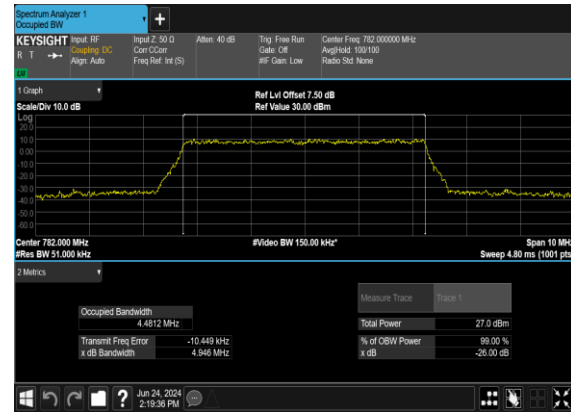
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	OBW (MHz)	26dB BW (MHz)
13	15	5	150200	782.0	CP-OFDM QPSK	25@0	4.463	4.888
13	15	5	150200	782.0	CP-OFDM 16 QAM	25@0	4.4812	4.946
13	15	5	150200	782.0	CP-OFDM 64 QAM	25@0	4.4617	4.855
13	15	5	150200	782.0	CP-OFDM 256 QAM	25@0	4.4772	4.911
13	15	10	150200	782.0	CP-OFDM QPSK	52@0	9.2641	9.792
13	15	10	150200	782.0	CP-OFDM 16 QAM	52@0	9.2762	9.787
13	15	10	150200	782.0	CP-OFDM 64 QAM	52@0	9.2584	9.791
13	15	10	150200	782.0	CP-OFDM 256 QAM	52@0	9.2597	9.778



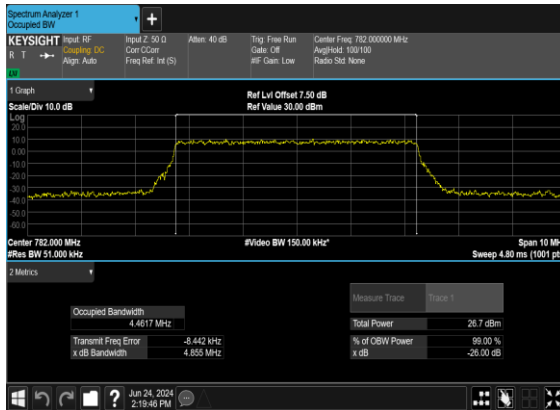
N13(5M)_CP-
OFDM_QPSK_Outer_Full_Mid_CH



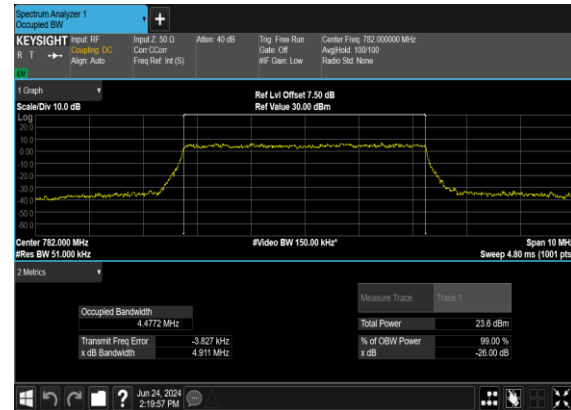
N13(5M)_CP-OFDM_16
QAM_Outer_Full_Mid_CH



N13(5M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH

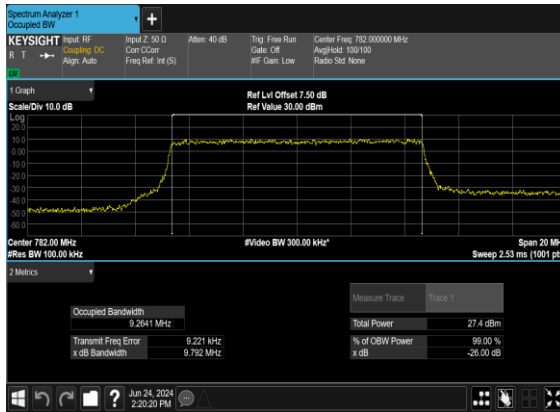


N13(5M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH

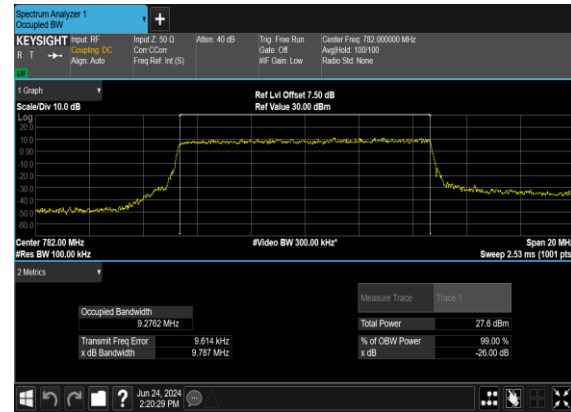




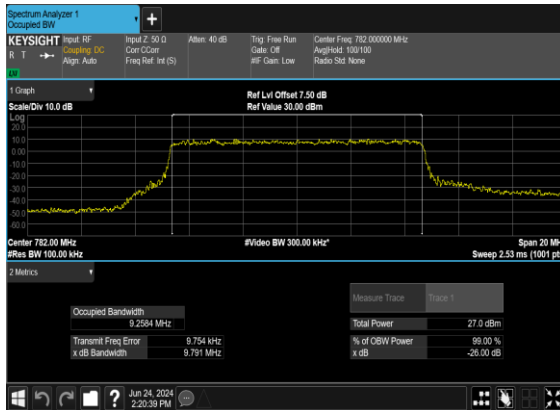
N13(10M)_CP-
OFDM_QPSK_Outer_Full_Mid_CH



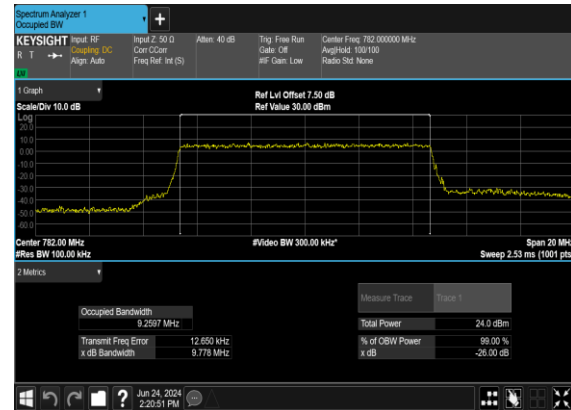
N13(10M)_CP-OFDM_16
QAM_Outer_Full_Mid_CH



N13(10M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH



N13(10M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH



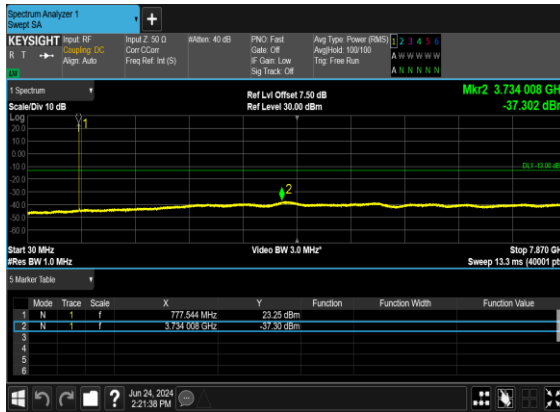


Conducted Spurious Emissions

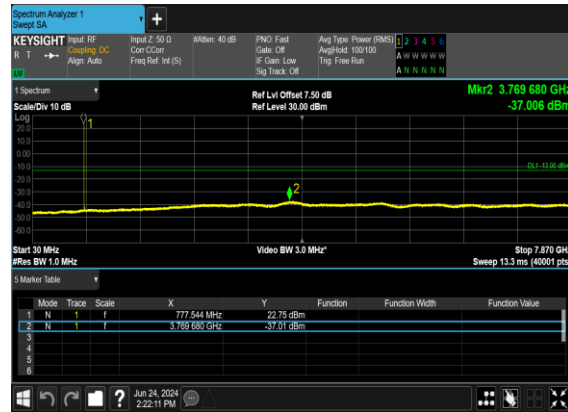
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
13	15	5	149700	779.5	DFT-s-OFDM BPSK	1@0	see graph	---
13	15	5	149700	779.5	DFT-s-OFDM BPSK	1@0	see graph	PASS
13	15	5	149700	779.5	DFT-s-OFDM QPSK	1@0	see graph	---
13	15	5	149700	779.5	DFT-s-OFDM QPSK	1@0	see graph	PASS
13	15	5	150200	782.0	DFT-s-OFDM BPSK	1@0	see graph	---
13	15	5	150200	782.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
13	15	5	150200	782.0	DFT-s-OFDM QPSK	1@0	see graph	---
13	15	5	150200	782.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
13	15	5	150700	784.5	DFT-s-OFDM BPSK	1@0	see graph	---
13	15	5	150700	784.5	DFT-s-OFDM BPSK	1@0	see graph	PASS
13	15	5	150700	784.5	DFT-s-OFDM QPSK	1@0	see graph	---
13	15	5	150700	784.5	DFT-s-OFDM QPSK	1@0	see graph	PASS
13	15	10	150200	782.0	DFT-s-OFDM BPSK	1@0	see graph	---
13	15	10	150200	782.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
13	15	10	150200	782.0	DFT-s-OFDM QPSK	1@0	see graph	---
13	15	10	150200	782.0	DFT-s-OFDM QPSK	1@0	see graph	PASS



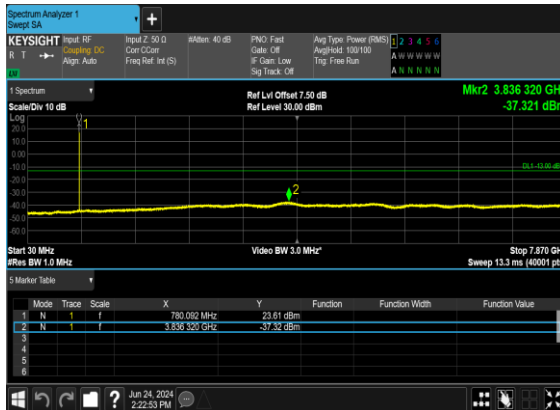
N13(5M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



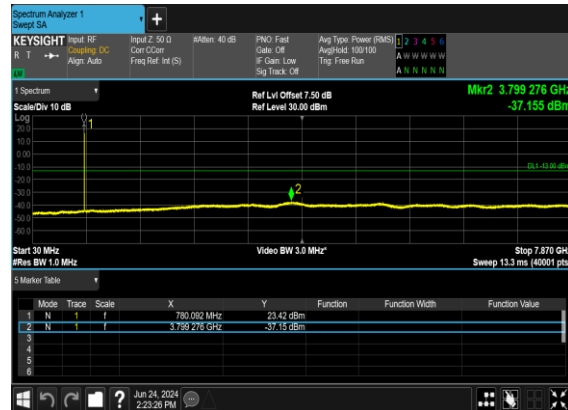
N13(5M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH



N13(5M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Mid_CH

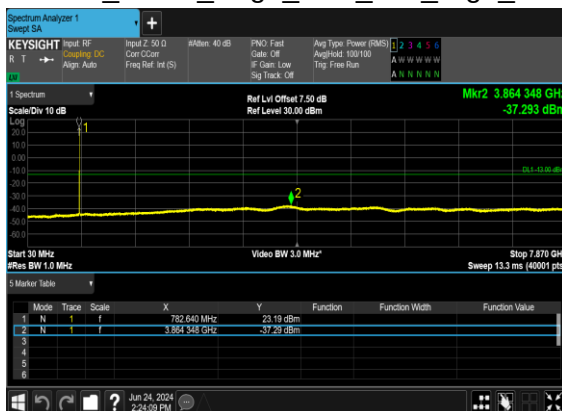


N13(5M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Mid_CH

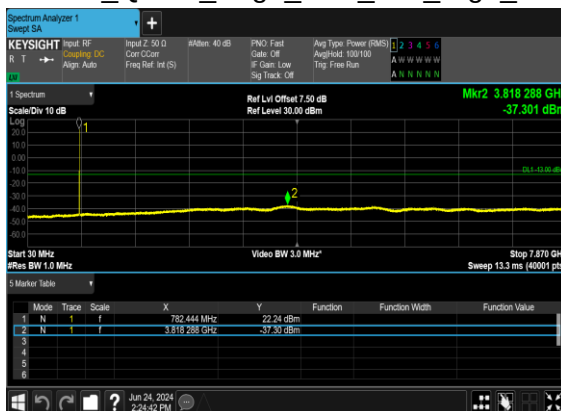




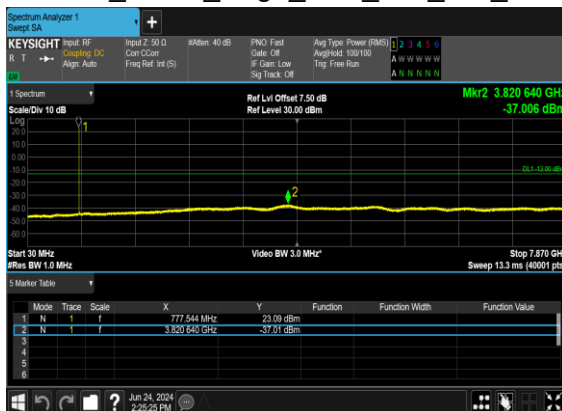
N13(5M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_High_CH



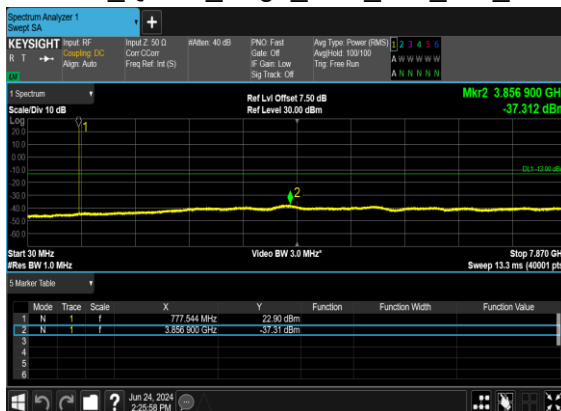
N13(5M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_High_CH



N13(10M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Mid_CH



N13(10M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Mid_CH

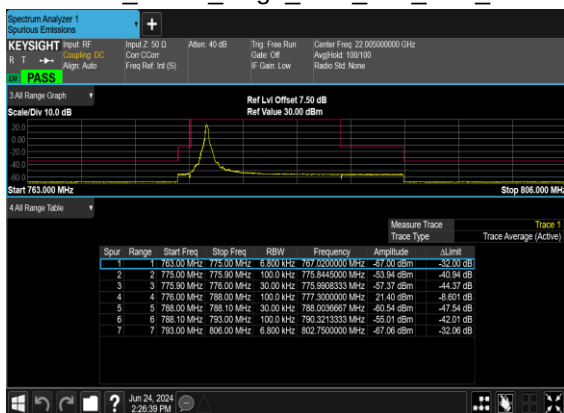


Conducted Band Edge

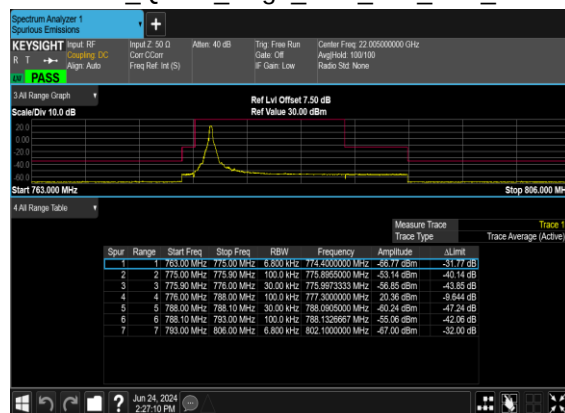
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
13	15	5	149700	779.5	DFT-s-OFDM BPSK	1@0	see graph	PASS
13	15	5	149700	779.5	DFT-s-OFDM QPSK	1@0	see graph	PASS
13	15	5	149700	779.5	DFT-s-OFDM BPSK	25@0	see graph	PASS
13	15	5	149700	779.5	DFT-s-OFDM QPSK	25@0	see graph	PASS
13	15	5	150700	784.5	DFT-s-OFDM BPSK	1@24	see graph	PASS
13	15	5	150700	784.5	DFT-s-OFDM QPSK	1@24	see graph	PASS
13	15	5	150700	784.5	DFT-s-OFDM BPSK	25@0	see graph	PASS
13	15	5	150700	784.5	DFT-s-OFDM QPSK	25@0	see graph	PASS
13	15	10	150200	782.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
13	15	10	150200	782.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
13	15	10	150200	782.0	DFT-s-OFDM BPSK	1@51	see graph	PASS
13	15	10	150200	782.0	DFT-s-OFDM QPSK	1@51	see graph	PASS
13	15	10	150200	782.0	DFT-s-OFDM BPSK	50@0	see graph	PASS
13	15	10	150200	782.0	DFT-s-OFDM QPSK	50@0	see graph	PASS



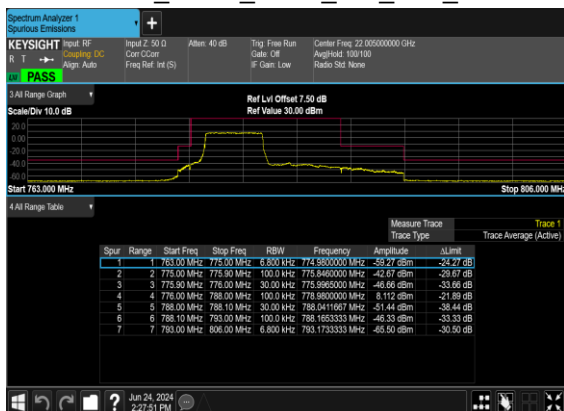
N13(5M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



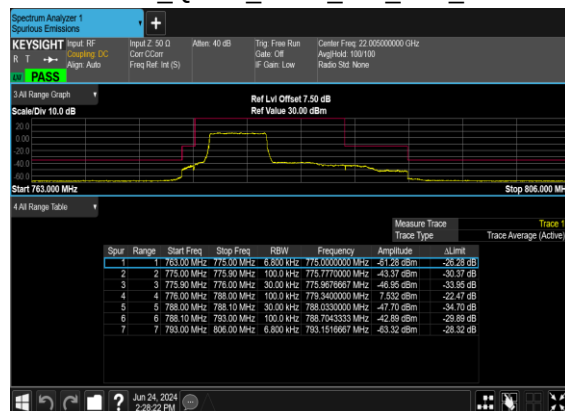
N13(5M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH



N13(5M)_DFT-s-
OFDM_BPSK_Outer_Full_Low_CH

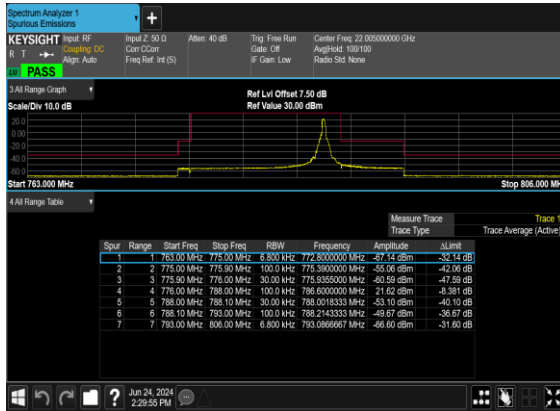


N13(5M)_DFT-s-
OFDM_QPSK_Outer_Full_Low_CH

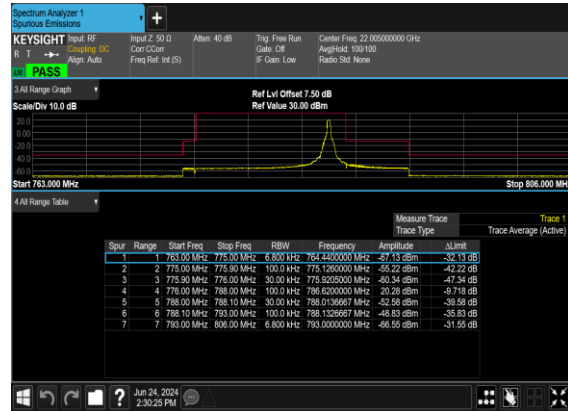




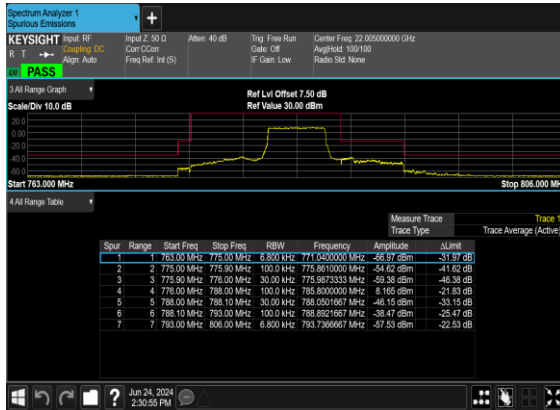
N13(5M)_DFT-s-
OFDM_BPSK_Edge_1RB_Right_High_CH



N13(5M)_DFT-s-
OFDM_QPSK_Edge_1RB_Right_High_CH



N13(5M)_DFT-s-
OFDM_BPSK_Outer_Full_High_CH



N13(5M)_DFT-s-
OFDM_QPSK_Outer_Full_High_CH

