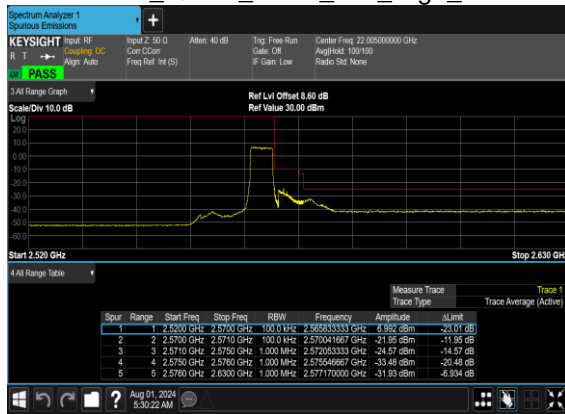




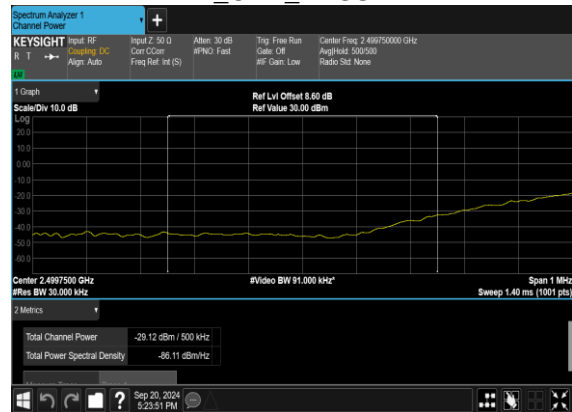
N7(5M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_High\_CH



N7(25M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH

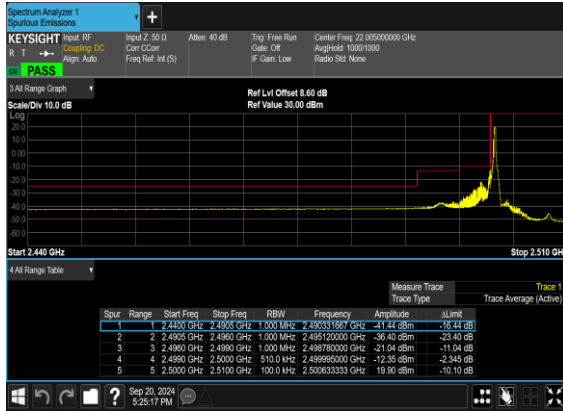


N7(25M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH\_CHP\_PASS

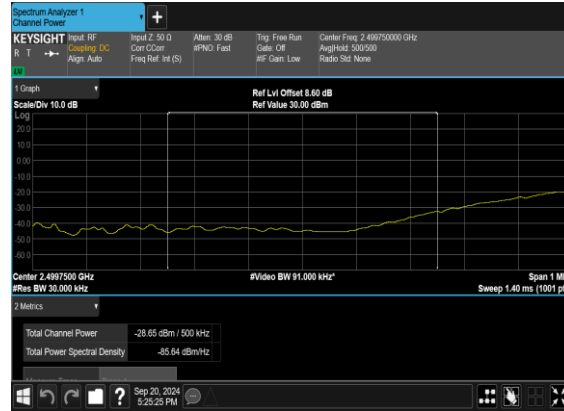




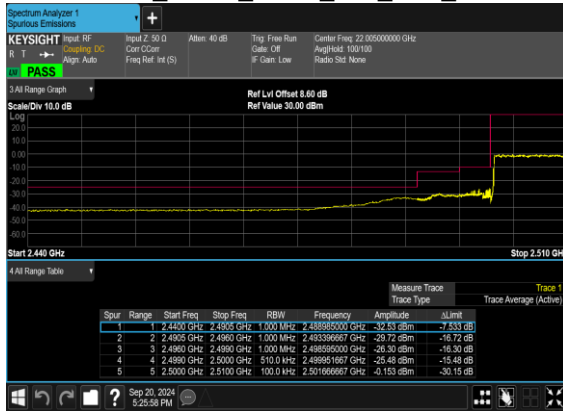
N7(25M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



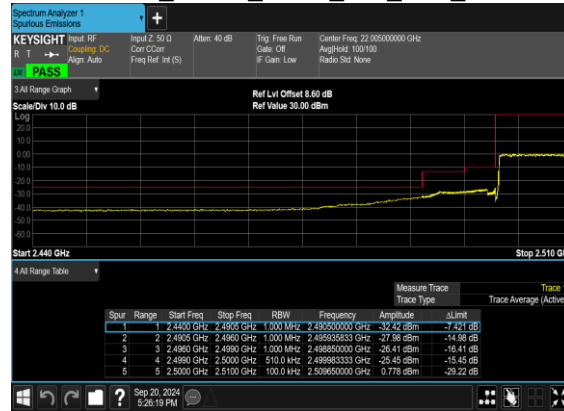
N7(25M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH -CHP\_PASS



N7(25M)\_DFT-s-OFDM\_BPSK\_Outer\_Full\_Low\_CH

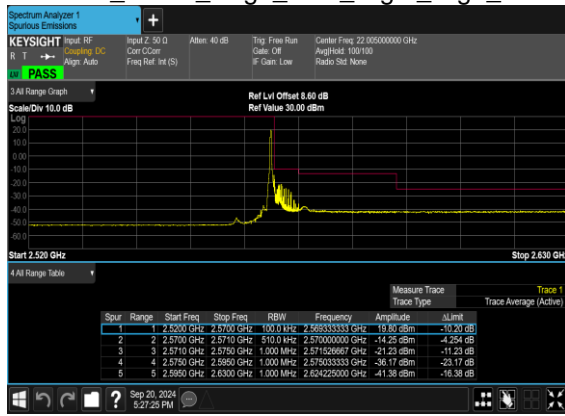


N7(25M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_Low\_CH





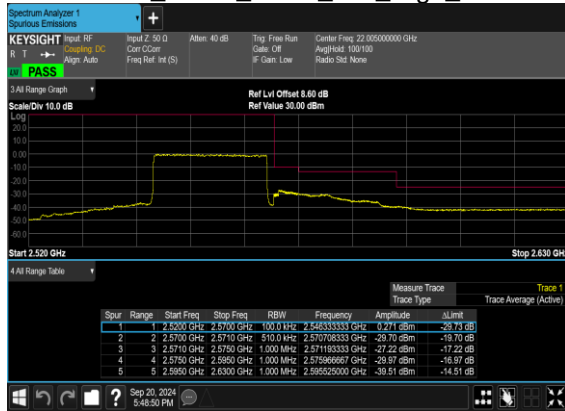
N7(25M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Right\_High\_CH



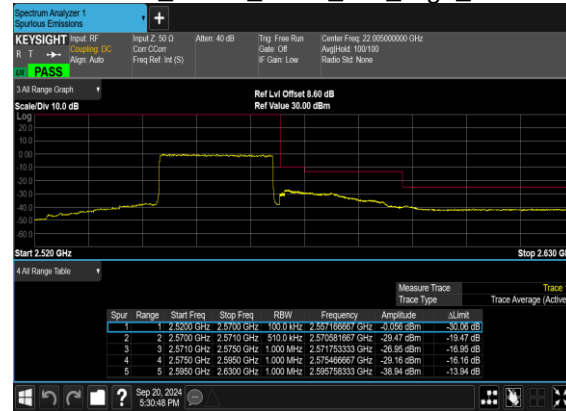
N7(25M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Right\_High\_CH



N7(25M)\_DFT-s-OFDM\_BPSK\_Outer\_Full\_High\_CH

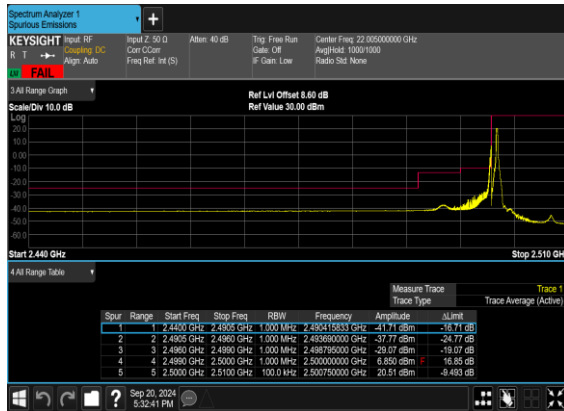


N7(25M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_High\_CH

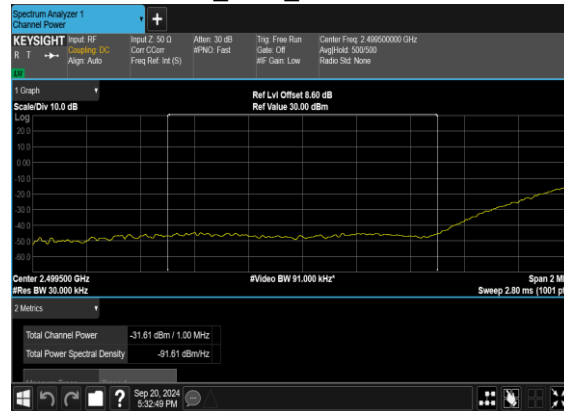




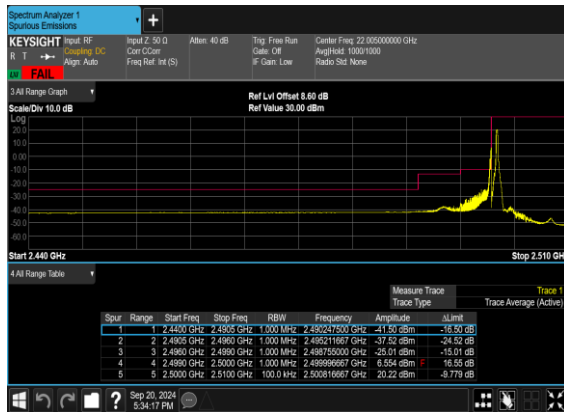
N7(50M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH



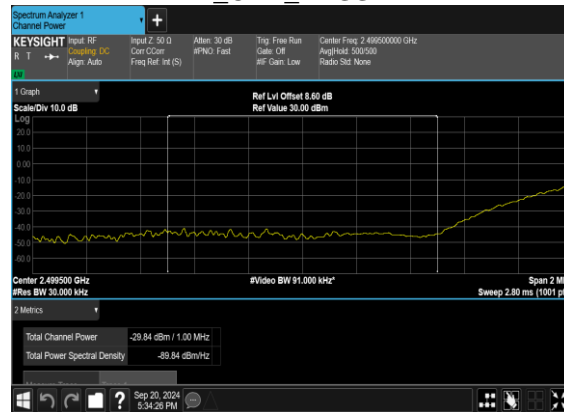
N7(50M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH  
\_CHP\_PASS



N7(50M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH

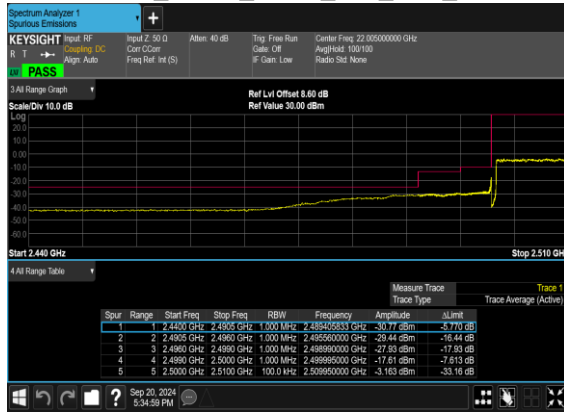


N7(50M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH  
\_CHP\_PASS

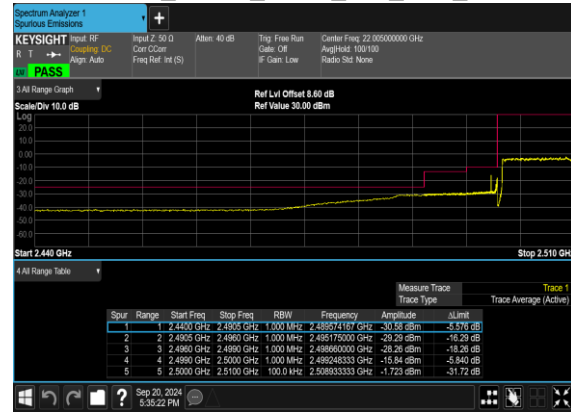




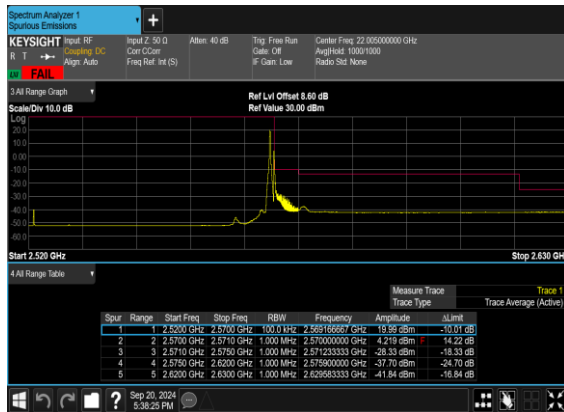
N7(50M)\_DFT-s-OFDM\_BPSK\_Outer\_Full\_Low\_CH



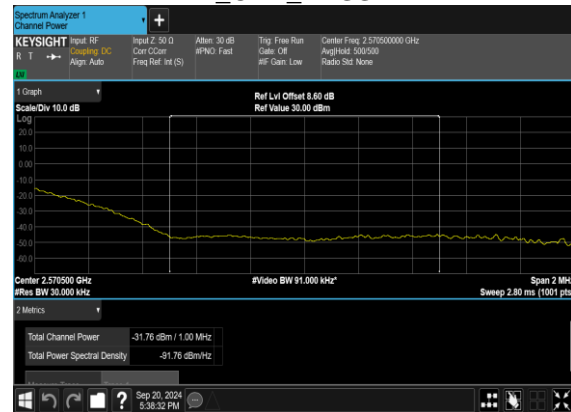
N7(50M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_Low\_CH



N7(50M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Right\_High\_CH

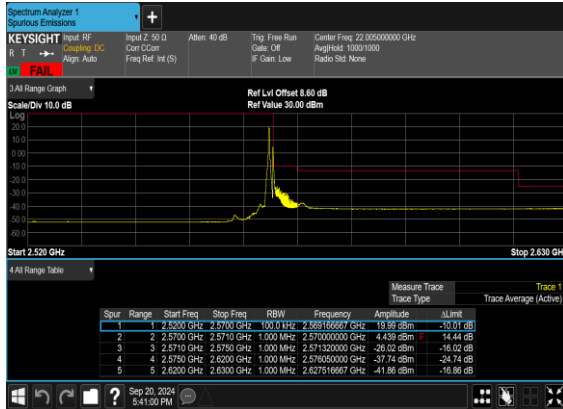


N7(50M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Right\_High\_CH\_CHP\_PASS

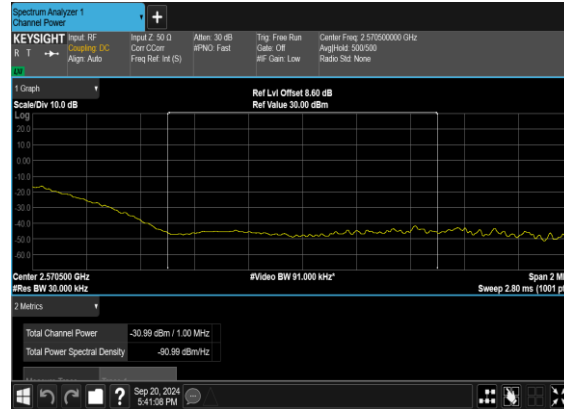




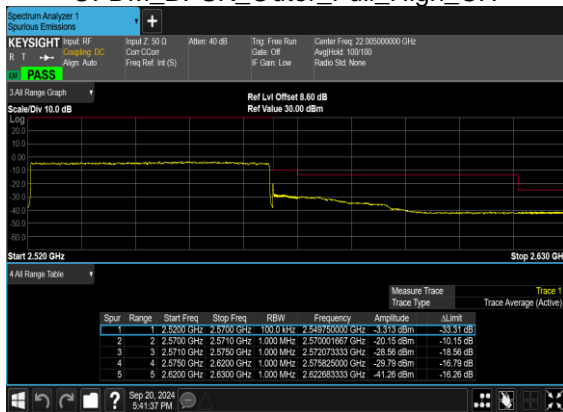
N7(50M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Right\_High\_CH



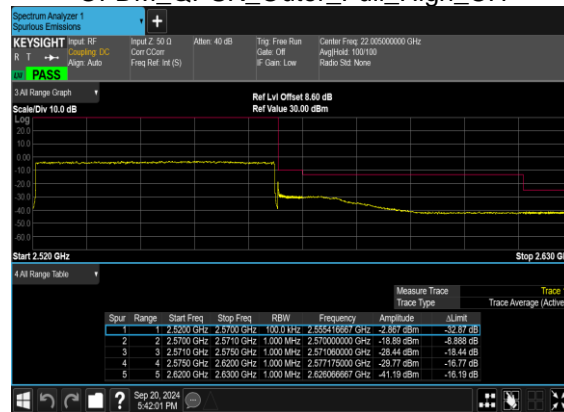
N7(50M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Right\_High\_CH\_CHP\_PASS



N7(50M)\_DFT-s-OFDM\_BPSK\_Outer\_Full\_High\_CH



N7(50M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_High\_CH





Software Version: 23.06.1602

# FR1 N12-SCS 15k

## Transmitter Conducted Output Power And ERP, (G<sub>T</sub> - L<sub>C</sub>)=-1.5dB

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	24.64	20.99	0.1256
12	15	5	140300	701.5	DFT-s-OFDM 16 QAM	1@1	23.66	20.01	0.1002
12	15	5	141500	707.5	DFT-s-OFDM QPSK	1@1	24.61	20.96	0.1247
12	15	5	141500	707.5	DFT-s-OFDM 16 QAM	1@1	23.62	19.97	0.0993
12	15	5	142700	713.5	DFT-s-OFDM QPSK	1@1	24.49	20.84	0.1213
12	15	5	142700	713.5	DFT-s-OFDM 16 QAM	1@1	23.51	19.86	0.0968
12	15	10	140800	704	DFT-s-OFDM QPSK	1@1	24.73	21.08	0.1282
12	15	10	140800	704	DFT-s-OFDM 16 QAM	1@1	23.55	19.9	0.0977
12	15	10	141500	707.5	DFT-s-OFDM QPSK	1@1	24.72	21.07	0.1279
12	15	10	141500	707.5	DFT-s-OFDM 16 QAM	1@1	23.56	19.91	0.0979
12	15	10	142200	711	DFT-s-OFDM QPSK	1@1	24.59	20.94	0.1242
12	15	10	142200	711	DFT-s-OFDM 16 QAM	1@1	23.59	19.94	0.0986
12	15	15	141300	706.5	DFT-s-OFDM PI/2 BPSK	36@18	24.82	21.17	0.1309
12	15	15	141300	706.5	DFT-s-OFDM PI/2 BPSK	1@1	24.78	21.13	0.1297
12	15	15	141300	706.5	DFT-s-OFDM PI/2 BPSK	1@77	24.59	20.94	0.1242
12	15	15	141300	706.5	DFT-s-OFDM QPSK	36@18	24.74	21.09	0.1285
12	15	15	141300	706.5	DFT-s-OFDM QPSK	1@1	24.67	21.02	0.1265
12	15	15	141300	706.5	DFT-s-OFDM QPSK	1@77	24.47	20.82	0.1208
12	15	15	141300	706.5	DFT-s-OFDM 16 QAM	36@18	23.42	19.77	0.0948
12	15	15	141300	706.5	DFT-s-OFDM 16 QAM	1@1	23.59	19.94	0.0986
12	15	15	141300	706.5	DFT-s-OFDM 16 QAM	1@77	23.45	19.8	0.0955
12	15	15	141300	706.5	DFT-s-OFDM 64 QAM	36@18	22.05	18.4	0.0692
12	15	15	141300	706.5	DFT-s-OFDM 64 QAM	1@1	22.2	18.55	0.0716
12	15	15	141300	706.5	DFT-s-OFDM 64 QAM	1@77	21.98	18.33	0.0681
12	15	15	141300	706.5	DFT-s-OFDM 256 QAM	36@18	19.89	16.24	0.0421
12	15	15	141300	706.5	DFT-s-OFDM 256 QAM	1@1	19.73	16.08	0.0406
12	15	15	141300	706.5	DFT-s-OFDM 256 QAM	1@77	19.56	15.91	0.0390
12	15	15	141300	706.5	CP-OFDM QPSK	39@19	23.34	19.69	0.0931
12	15	15	141300	706.5	CP-OFDM QPSK	1@1	23.45	19.8	0.0955
12	15	15	141300	706.5	CP-OFDM QPSK	1@77	23.21	19.56	0.0904
12	15	15	141500	707.5	DFT-s-OFDM PI/2 BPSK	36@18	24.86	21.21	0.1321
12	15	15	141500	707.5	DFT-s-OFDM PI/2 BPSK	1@1	24.82	21.17	0.1309
12	15	15	141500	707.5	DFT-s-OFDM PI/2 BPSK	1@77	24.46	20.81	0.1205



12	15	15	141500	707.5	DFT-s-OFDM QPSK	36@18	24.72	21.07	0.1279
12	15	15	141500	707.5	DFT-s-OFDM QPSK	1@1	24.74	21.09	0.1285
12	15	15	141500	707.5	DFT-s-OFDM QPSK	1@77	24.44	20.79	0.1199
12	15	15	141500	707.5	DFT-s-OFDM 16 QAM	36@18	23.4	19.75	0.0944
12	15	15	141500	707.5	DFT-s-OFDM 16 QAM	1@1	23.63	19.98	0.0995
12	15	15	141500	707.5	DFT-s-OFDM 16 QAM	1@77	23.47	19.82	0.0959
12	15	15	141500	707.5	DFT-s-OFDM 64 QAM	36@18	22.04	18.39	0.0690
12	15	15	141500	707.5	DFT-s-OFDM 64 QAM	1@1	22.16	18.51	0.0710
12	15	15	141500	707.5	DFT-s-OFDM 64 QAM	1@77	21.97	18.32	0.0679
12	15	15	141500	707.5	DFT-s-OFDM 256 QAM	36@18	19.89	16.24	0.0421
12	15	15	141500	707.5	DFT-s-OFDM 256 QAM	1@1	19.73	16.08	0.0406
12	15	15	141500	707.5	DFT-s-OFDM 256 QAM	1@77	19.67	16.02	0.0400
12	15	15	141500	707.5	CP-OFDM QPSK	39@19	23.32	19.67	0.0927
12	15	15	141500	707.5	CP-OFDM QPSK	1@1	23.44	19.79	0.0953
12	15	15	141500	707.5	CP-OFDM QPSK	1@77	22.89	19.24	0.0839
12	15	15	141700	708.5	DFT-s-OFDM PI/2 BPSK	36@18	24.78	21.13	0.1297
12	15	15	141700	708.5	DFT-s-OFDM PI/2 BPSK	1@1	24.79	21.14	0.1300
12	15	15	141700	708.5	DFT-s-OFDM PI/2 BPSK	1@77	24.44	20.79	0.1199
12	15	15	141700	708.5	DFT-s-OFDM QPSK	36@18	24.75	21.1	0.1288
12	15	15	141700	708.5	DFT-s-OFDM QPSK	1@1	24.66	21.01	0.1262
12	15	15	141700	708.5	DFT-s-OFDM QPSK	1@77	24.4	20.75	0.1189
12	15	15	141700	708.5	DFT-s-OFDM 16 QAM	36@18	23.42	19.77	0.0948
12	15	15	141700	708.5	DFT-s-OFDM 16 QAM	1@1	23.69	20.04	0.1009
12	15	15	141700	708.5	DFT-s-OFDM 16 QAM	1@77	23.47	19.82	0.0959
12	15	15	141700	708.5	DFT-s-OFDM 64 QAM	36@18	21.94	18.29	0.0675
12	15	15	141700	708.5	DFT-s-OFDM 64 QAM	1@1	22.16	18.51	0.0710
12	15	15	141700	708.5	DFT-s-OFDM 64 QAM	1@77	21.98	18.33	0.0681
12	15	15	141700	708.5	DFT-s-OFDM 256 QAM	36@18	19.89	16.24	0.0421
12	15	15	141700	708.5	DFT-s-OFDM 256 QAM	1@1	19.72	16.07	0.0405
12	15	15	141700	708.5	DFT-s-OFDM 256 QAM	1@77	19.48	15.83	0.0383
12	15	15	141700	708.5	CP-OFDM QPSK	39@19	23.34	19.69	0.0931
12	15	15	141700	708.5	CP-OFDM QPSK	1@1	23.45	19.8	0.0955
12	15	15	141700	708.5	CP-OFDM QPSK	1@77	22.81	19.16	0.0824





### 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	0.0061	PASS	NV
12	15	10	141500	707.5	DFT-s-OFDM QPSK	50@0	0.0031	PASS	LV
12	15	10	141500	707.5	DFT-s-OFDM QPSK	50@0	0.0040	PASS	HV
12	15	10	141500	707.5	DFT-s-OFDM QPSK	50@0	0.0056	PASS	-30°C
12	15	10	141500	707.5	DFT-s-OFDM QPSK	50@0	0.0044	PASS	-20°C
12	15	10	141500	707.5	DFT-s-OFDM QPSK	50@0	0.0038	PASS	-10°C
12	15	10	141500	707.5	DFT-s-OFDM QPSK	50@0	0.0068	PASS	0°C
12	15	10	141500	707.5	DFT-s-OFDM QPSK	50@0	0.0035	PASS	10°C
12	15	10	141500	707.5	DFT-s-OFDM QPSK	50@0	0.0061	PASS	20°C
12	15	10	141500	707.5	DFT-s-OFDM QPSK	50@0	0.0032	PASS	30°C
12	15	10	141500	707.5	DFT-s-OFDM QPSK	50@0	0.0021	PASS	40°C
12	15	10	141500	707.5	DFT-s-OFDM QPSK	50@0	0.0055	PASS	50°C



### 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	3.81	13	PASS
12	15	10	141500	707.5	DFT-s-OFDM QPSK	50@0	5.3	13	PASS



N12(10M)\_DFT-s-OFDM\_PI\_2-  
BPSK\_Outer\_Full\_Mid\_CH

N12(10M)\_DFT-s-  
OFDM\_QPSK\_Outer\_Full\_Mid\_CH



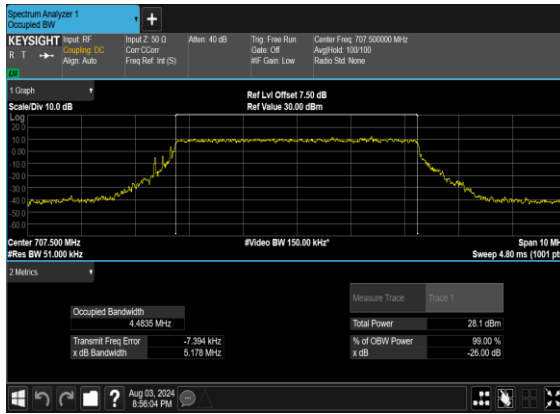


### Occupied Bandwidth

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	4.4835	5.178
12	15	5	141500	707.5	CP-OFDM 16 QAM	25@0	4.4781	5.135
12	15	5	141500	707.5	CP-OFDM 64 QAM	25@0	4.4641	5.164
12	15	5	141500	707.5	CP-OFDM 256 QAM	25@0	4.4792	4.986
12	15	10	141500	707.5	CP-OFDM QPSK	52@0	9.2825	10.08
12	15	10	141500	707.5	CP-OFDM 16 QAM	52@0	9.2854	9.87
12	15	10	141500	707.5	CP-OFDM 64 QAM	52@0	9.2596	9.795
12	15	10	141500	707.5	CP-OFDM 256 QAM	52@0	9.2833	10.0
12	15	15	141500	707.5	CP-OFDM QPSK	79@0	14.082	14.87
12	15	15	141500	707.5	CP-OFDM 16 QAM	79@0	14.104	14.9
12	15	15	141500	707.5	CP-OFDM 64 QAM	79@0	14.117	14.85
12	15	15	141500	707.5	CP-OFDM 256 QAM	79@0	14.072	14.83



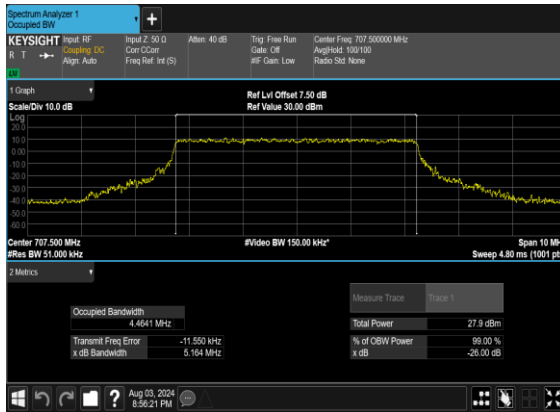
N12(5M)\_CP-OFDM\_QPSK\_Outer\_Full\_Mid\_CH



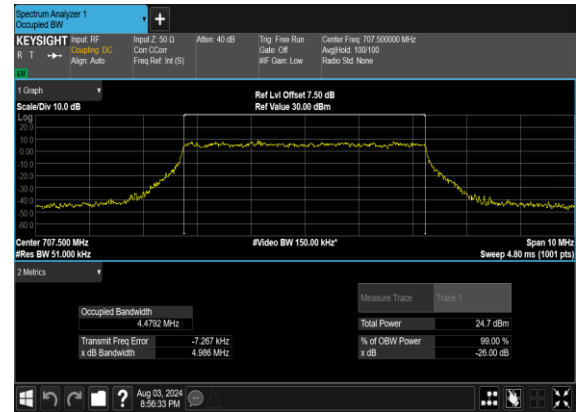
N12(5M)\_CP-OFDM\_16QAM\_Outer\_Full\_Mid\_CH



N12(5M)\_CP-OFDM\_64QAM\_Outer\_Full\_Mid\_CH

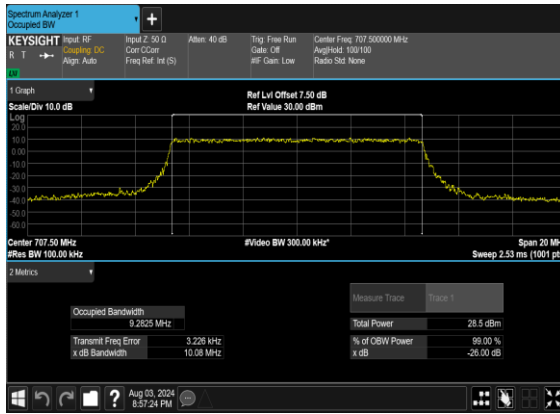


N12(5M)\_CP-OFDM\_256QAM\_Outer\_Full\_Mid\_CH

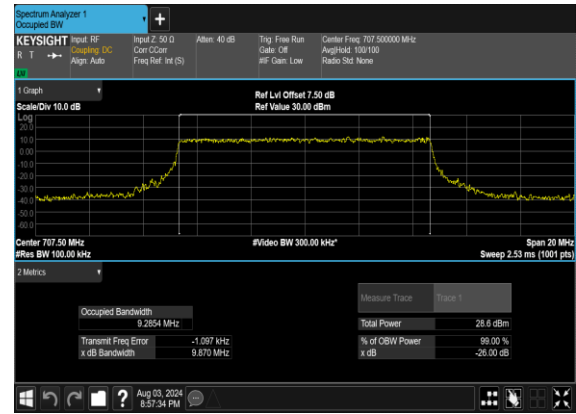




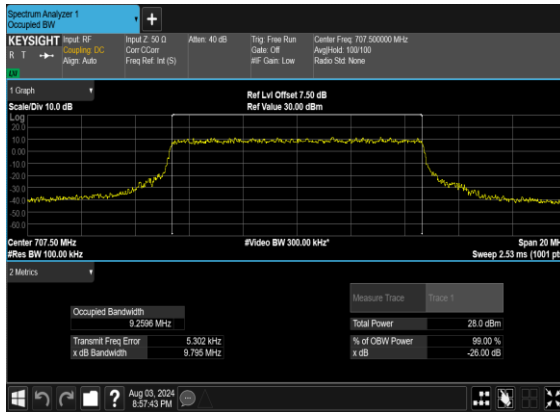
N12(10M)\_CP-OFDM\_QPSK\_Outer\_Full\_Mid\_CH



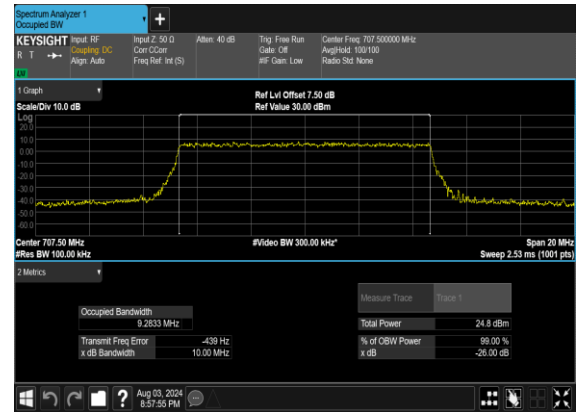
N12(10M)\_CP-OFDM\_16QAM\_Outer\_Full\_Mid\_CH



N12(10M)\_CP-OFDM\_64QAM\_Outer\_Full\_Mid\_CH

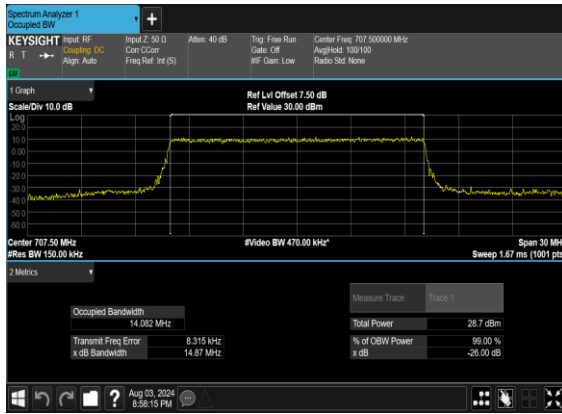


N12(10M)\_CP-OFDM\_256QAM\_Outer\_Full\_Mid\_CH

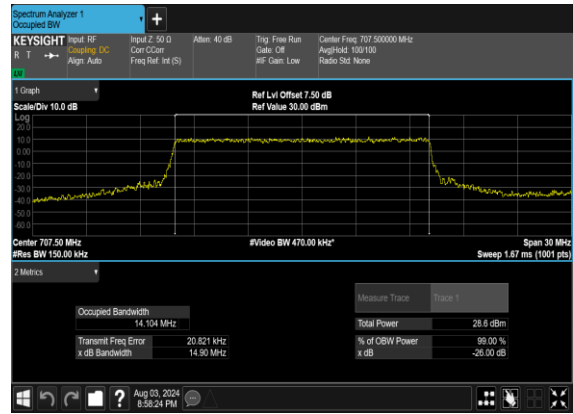




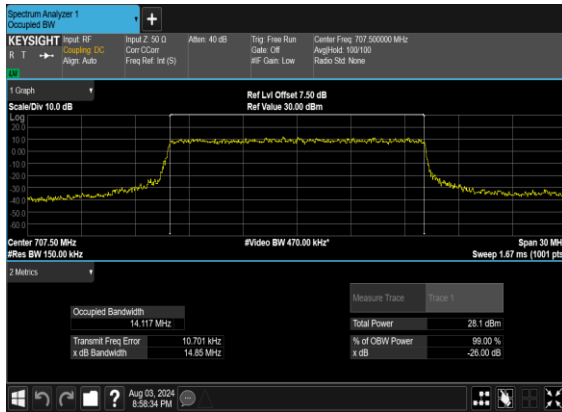
N12(15M)\_CP-OFDM\_QPSK\_Outer\_Full\_Mid\_CH



N12(15M)\_CP-OFDM\_16QAM\_Outer\_Full\_Mid\_CH



N12(15M)\_CP-OFDM\_64QAM\_Outer\_Full\_Mid\_CH



N12(15M)\_CP-OFDM\_256QAM\_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



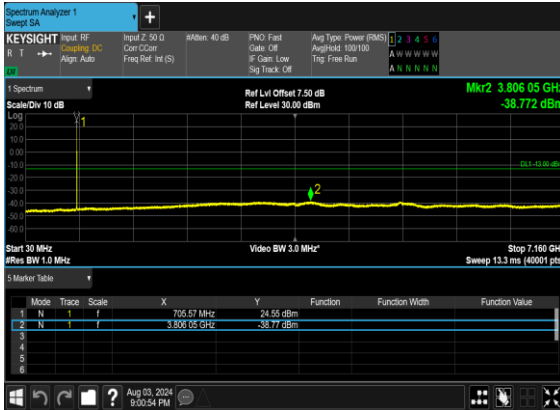
N12(5M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH



N12(5M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



N12(5M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Mid\_CH

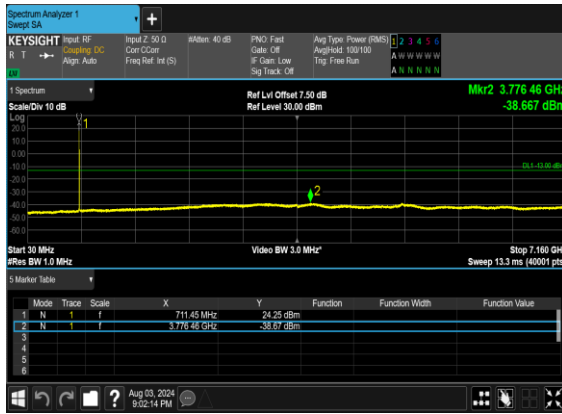


N12(5M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Mid\_CH





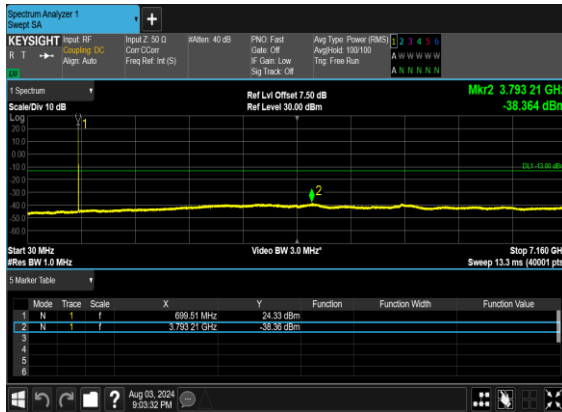
N12(5M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_High\_CH



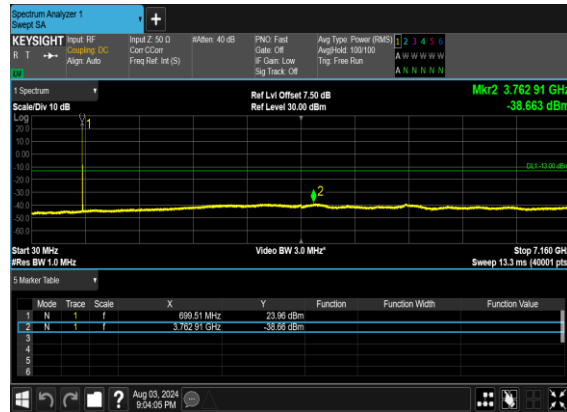
N12(5M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_High\_CH



N12(10M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH



N12(10M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH

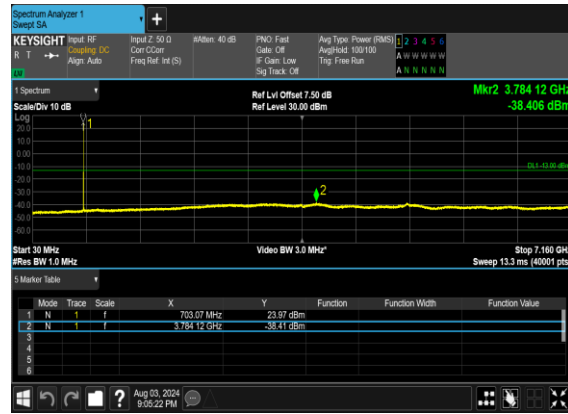




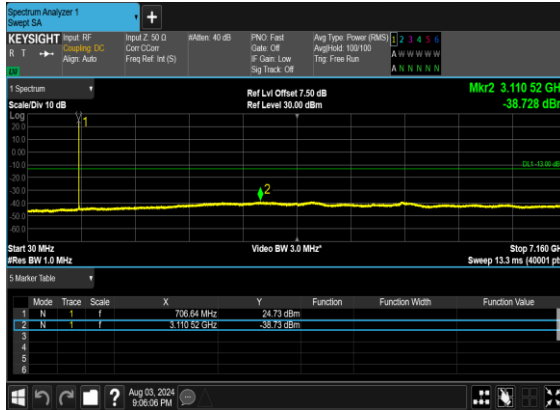
N12(10M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Mid\_CH



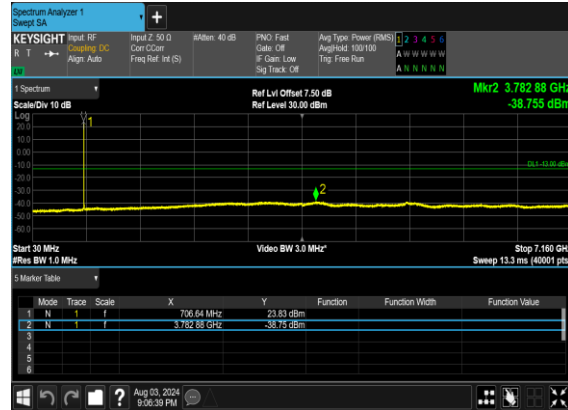
N12(10M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Mid\_CH



N12(10M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_High\_CH



N12(10M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_High\_CH





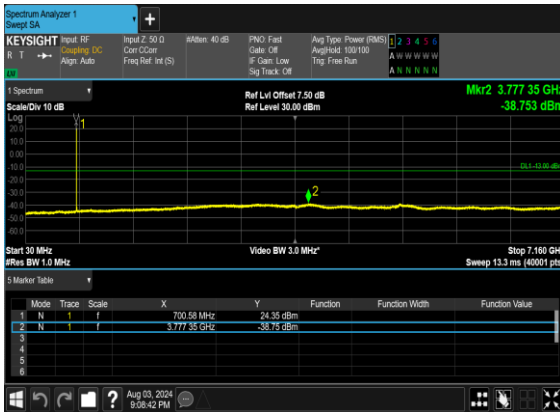
N12(15M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH



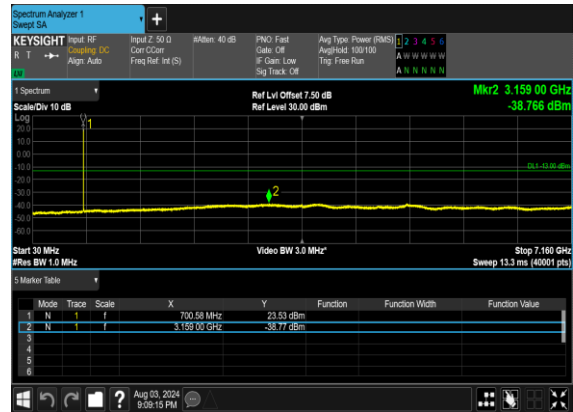
N12(15M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



N12(15M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Mid\_CH



N12(15M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Mid\_CH

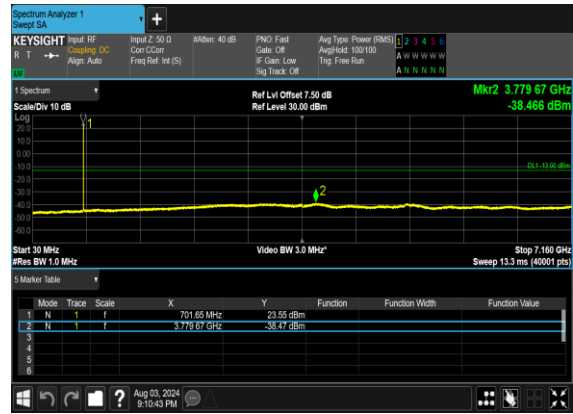




N12(15M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_High\_CH



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

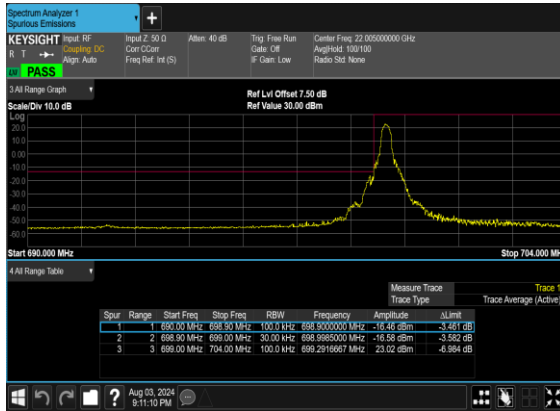


12	15	15	141700	708.5	DFT-s-OFDM BPSK	1@78	see graph	<b>PASS</b>
12	15	15	141700	708.5	DFT-s-OFDM QPSK	1@78	see graph	<b>PASS</b>
12	15	15	141700	708.5	DFT-s-OFDM BPSK	75@0	see graph	<b>PASS</b>
12	15	15	141700	708.5	DFT-s-OFDM QPSK	75@0	see graph	<b>PASS</b>

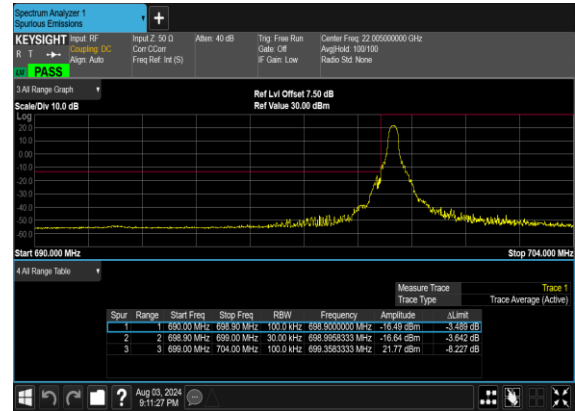




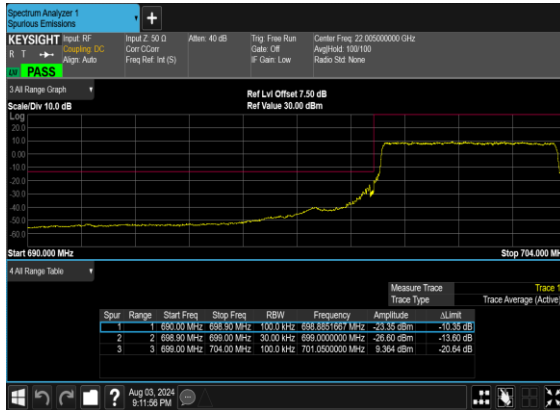
N12(5M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH



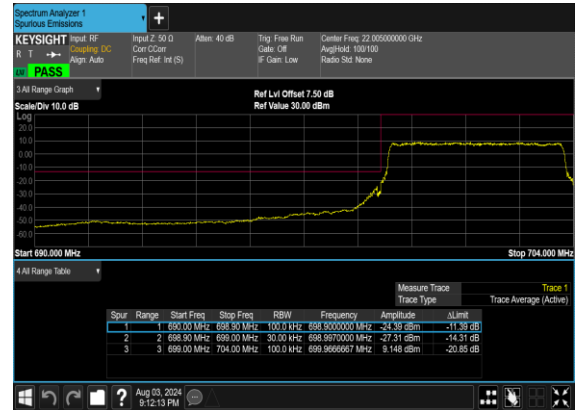
N12(5M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



N12(5M)\_DFT-s-OFDM\_BPSK\_Outer\_Full\_Low\_CH

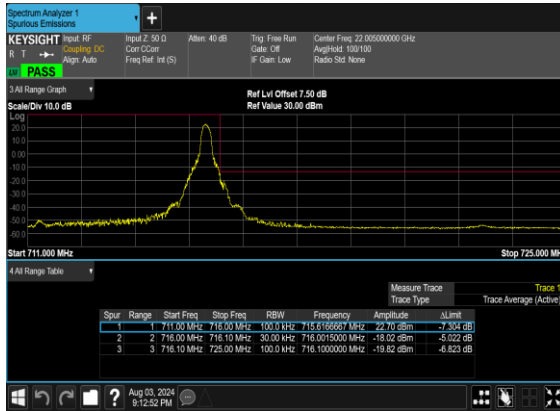


N12(5M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_Low\_CH

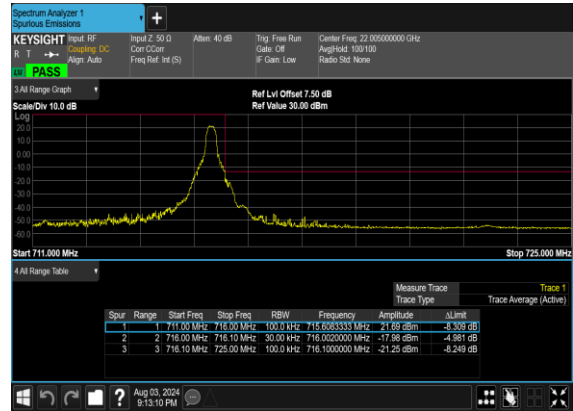




N12(5M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Right\_High\_CH



N12(5M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Right\_High\_CH



N12(5M)\_DFT-s-OFDM\_BPSK\_Outer\_Full\_High\_CH

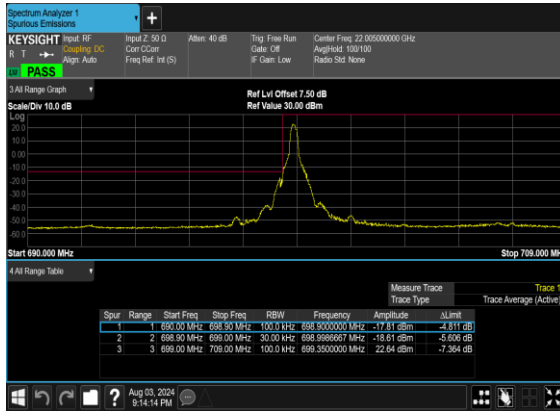


N12(5M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_High\_CH

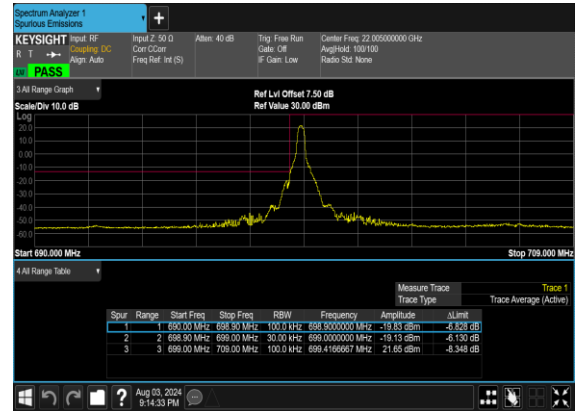




N12(10M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH



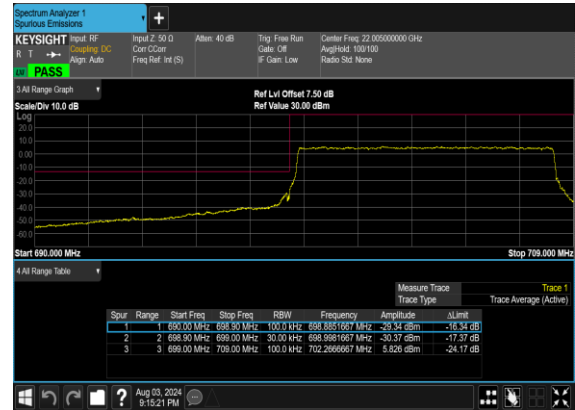
N12(10M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



N12(10M)\_DFT-s-OFDM\_BPSK\_Outer\_Full\_Low\_CH

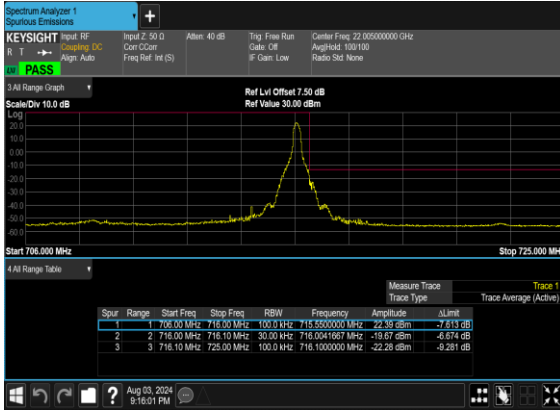


N12(10M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_Low\_CH

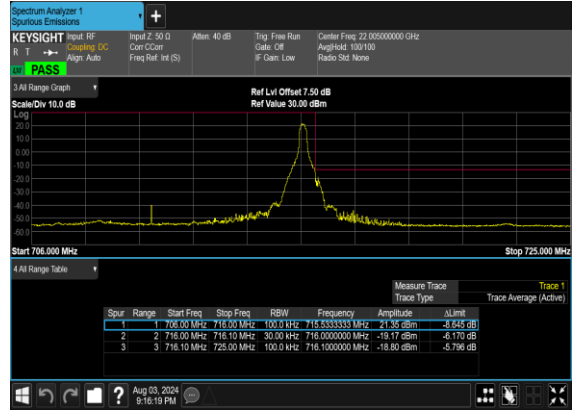




N12(10M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Right\_High\_CH



N12(10M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Right\_High\_CH



N12(10M)\_DFT-s-OFDM\_BPSK\_Outer\_Full\_High\_CH

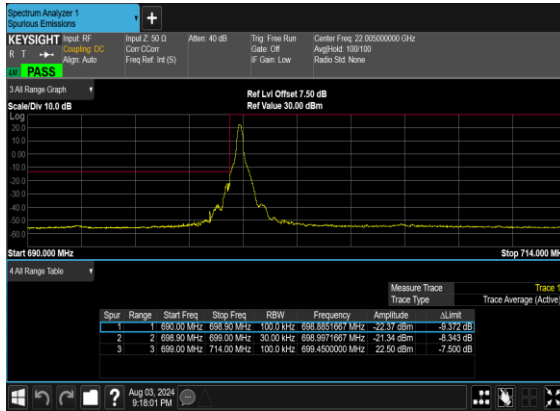


N12(10M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_High\_CH

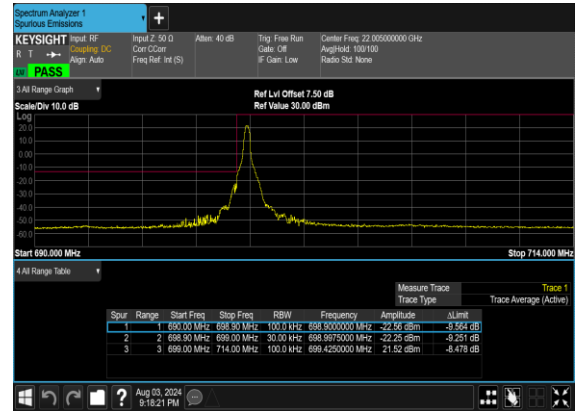




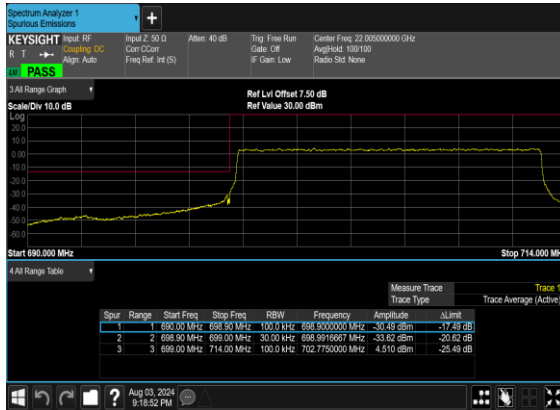
N12(15M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH



N12(15M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



N12(15M)\_DFT-s-OFDM\_BPSK\_Outer\_Full\_Low\_CH

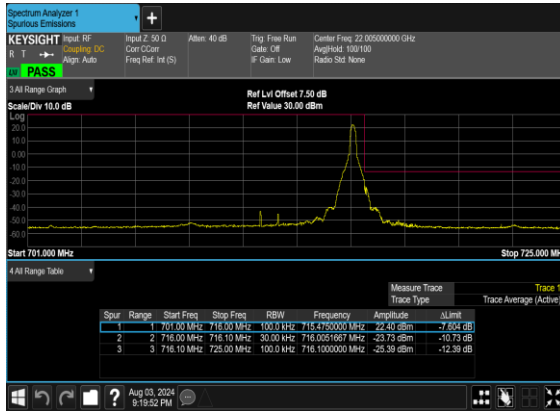


N12(15M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_Low\_CH

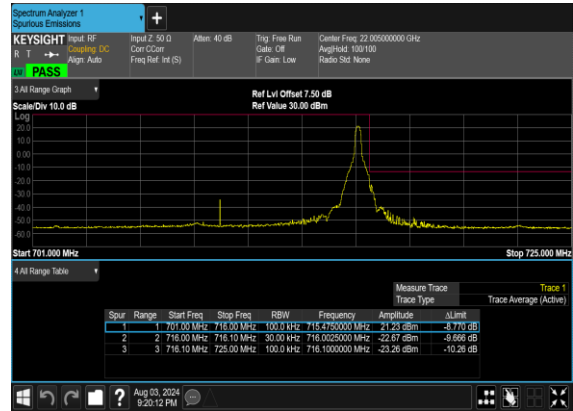




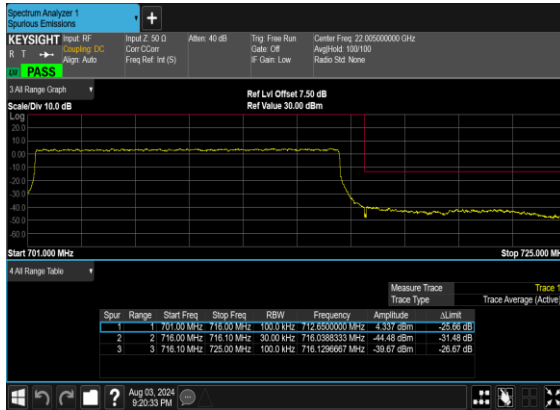
N12(15M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Right\_High\_CH



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-SCS 30k

## Transmitter Conducted Output Power And EIRP, (G<sub>T</sub> - L<sub>C</sub>)=1.2 dB

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Conducted Power(dBm)	EIRP (dBm)	EIRP (W)
38	30	10	515000	2575	DFT-s-OFDM QPSK	1@1	24.82	26.02	0.3999
38	30	10	515000	2575	DFT-s-OFDM 16 QAM	1@1	23.71	24.91	0.3097
38	30	10	519000	2595	DFT-s-OFDM QPSK	1@1	24.79	25.99	0.3972
38	30	10	519000	2595	DFT-s-OFDM 16 QAM	1@1	23.72	24.92	0.3105
38	30	10	523000	2615	DFT-s-OFDM QPSK	1@1	24.82	26.02	0.3999
38	30	10	523000	2615	DFT-s-OFDM 16 QAM	1@1	23.72	24.92	0.3105
38	30	15	515500	2577.5	DFT-s-OFDM QPSK	1@1	24.52	25.72	0.3733
38	30	15	515500	2577.5	DFT-s-OFDM 16 QAM	1@1	23.63	24.83	0.3041
38	30	15	519000	2595	DFT-s-OFDM QPSK	1@1	24.79	25.99	0.3972
38	30	15	519000	2595	DFT-s-OFDM 16 QAM	1@1	23.61	24.81	0.3027
38	30	15	522500	2612.5	DFT-s-OFDM QPSK	1@1	24.76	25.96	0.3945
38	30	15	522500	2612.5	DFT-s-OFDM 16 QAM	1@1	23.67	24.87	0.3069
38	30	20	516000	2580	DFT-s-OFDM QPSK	1@1	24.66	25.86	0.3855
38	30	20	516000	2580	DFT-s-OFDM 16 QAM	1@1	23.66	24.86	0.3062
38	30	20	519000	2595	DFT-s-OFDM QPSK	1@1	24.78	25.98	0.3963
38	30	20	519000	2595	DFT-s-OFDM 16 QAM	1@1	23.56	24.76	0.2992
38	30	20	522000	2610	DFT-s-OFDM QPSK	1@1	24.66	25.86	0.3855
38	30	20	522000	2610	DFT-s-OFDM 16 QAM	1@1	23.53	24.73	0.2972
38	30	25	516500	2582.5	DFT-s-OFDM QPSK	1@1	24.93	26.13	0.4102
38	30	25	516500	2582.5	DFT-s-OFDM 16 QAM	1@1	23.73	24.93	0.3112
38	30	25	519000	2595	DFT-s-OFDM QPSK	1@1	24.89	26.09	0.4064
38	30	25	519000	2595	DFT-s-OFDM 16 QAM	1@1	23.85	25.05	0.3199
38	30	25	521500	2607.5	DFT-s-OFDM QPSK	1@1	24.93	26.13	0.4102
38	30	25	521500	2607.5	DFT-s-OFDM 16 QAM	1@1	23.82	25.02	0.3177
38	30	30	517000	2585	DFT-s-OFDM QPSK	1@1	24.96	26.16	0.4130
38	30	30	517000	2585	DFT-s-OFDM 16 QAM	1@1	23.88	25.08	0.3221



38	30	30	519000	2595	DFT-s-OFDM QPSK	1@1	24.92	26.12	0.4093
38	30	30	519000	2595	DFT-s-OFDM 16 QAM	1@1	23.85	25.05	0.3199
38	30	30	521000	2605	DFT-s-OFDM QPSK	1@1	24.87	26.07	0.4046
38	30	30	521000	2605	DFT-s-OFDM 16 QAM	1@1	23.85	25.05	0.3199
38	30	40	518000	2590	DFT-s-OFDM PI/2 BPSK	50@25	24.38	25.58	0.3614
38	30	40	518000	2590	DFT-s-OFDM PI/2 BPSK	1@1	24.41	25.61	0.3639
38	30	40	518000	2590	DFT-s-OFDM PI/2 BPSK	1@104	24.36	25.56	0.3597
38	30	40	518000	2590	DFT-s-OFDM QPSK	50@25	24.97	26.17	0.4140
38	30	40	518000	2590	DFT-s-OFDM QPSK	1@1	24.84	26.04	0.4018
38	30	40	518000	2590	DFT-s-OFDM QPSK	1@104	24.75	25.95	0.3936
38	30	40	518000	2590	DFT-s-OFDM 16 QAM	50@25	23.71	24.91	0.3097
38	30	40	518000	2590	DFT-s-OFDM 16 QAM	1@1	23.84	25.04	0.3192
38	30	40	518000	2590	DFT-s-OFDM 16 QAM	1@104	23.74	24.94	0.3119
38	30	40	518000	2590	DFT-s-OFDM 64 QAM	50@25	22.27	23.47	0.2223
38	30	40	518000	2590	DFT-s-OFDM 64 QAM	1@1	22.25	23.45	0.2213
38	30	40	518000	2590	DFT-s-OFDM 64 QAM	1@104	22.17	23.37	0.2173
38	30	40	518000	2590	DFT-s-OFDM 256 QAM	50@25	20.2	21.4	0.1380
38	30	40	518000	2590	DFT-s-OFDM 256 QAM	1@1	20.03	21.23	0.1327
38	30	40	518000	2590	DFT-s-OFDM 256 QAM	1@104	20	21.2	0.1318
38	30	40	518000	2590	CP-OFDM QPSK	53@26	23.39	24.59	0.2877
38	30	40	518000	2590	CP-OFDM QPSK	1@1	23.43	24.63	0.2904
38	30	40	518000	2590	CP-OFDM QPSK	1@104	23.37	24.57	0.2864
38	30	40	519000	2595	DFT-s-OFDM PI/2 BPSK	50@25	24.43	25.63	0.3656
38	30	40	519000	2595	DFT-s-OFDM PI/2 BPSK	1@1	24.46	25.66	0.3681
38	30	40	519000	2595	DFT-s-OFDM PI/2 BPSK	1@104	24.34	25.54	0.3581
38	30	40	519000	2595	DFT-s-OFDM QPSK	50@25	24.83	26.03	0.4009
38	30	40	519000	2595	DFT-s-OFDM QPSK	1@1	24.87	26.07	0.4046
38	30	40	519000	2595	DFT-s-OFDM QPSK	1@104	24.74	25.94	0.3926
38	30	40	519000	2595	DFT-s-OFDM 16 QAM	50@25	23.71	24.91	0.3097
38	30	40	519000	2595	DFT-s-OFDM 16 QAM	1@1	23.85	25.05	0.3199
38	30	40	519000	2595	DFT-s-OFDM 16 QAM	1@104	23.73	24.93	0.3112
38	30	40	519000	2595	DFT-s-OFDM 64 QAM	50@25	22.23	23.43	0.2203





38	30	40	519000	2595	DFT-s-OFDM 64 QAM	1@1	22.25	23.45	0.2213
38	30	40	519000	2595	DFT-s-OFDM 64 QAM	1@104	22	23.2	0.2089
38	30	40	519000	2595	DFT-s-OFDM 256 QAM	50@25	20.21	21.41	0.1384
38	30	40	519000	2595	DFT-s-OFDM 256 QAM	1@1	20.09	21.29	0.1346
38	30	40	519000	2595	DFT-s-OFDM 256 QAM	1@104	19.96	21.16	0.1306
38	30	40	519000	2595	CP-OFDM QPSK	53@26	23.42	24.62	0.2897
38	30	40	519000	2595	CP-OFDM QPSK	1@1	23.41	24.61	0.2891
38	30	40	519000	2595	CP-OFDM QPSK	1@104	23.41	24.61	0.2891
38	30	40	520000	2600	DFT-s-OFDM PI/2 BPSK	50@25	24.42	25.62	0.3648
38	30	40	520000	2600	DFT-s-OFDM PI/2 BPSK	1@1	24.35	25.55	0.3589
38	30	40	520000	2600	DFT-s-OFDM PI/2 BPSK	1@104	24.38	25.58	0.3614
38	30	40	520000	2600	DFT-s-OFDM QPSK	50@25	24.84	26.04	0.4018
38	30	40	520000	2600	DFT-s-OFDM QPSK	1@1	24.8	26	0.3981
38	30	40	520000	2600	DFT-s-OFDM QPSK	1@104	24.56	25.76	0.3767
38	30	40	520000	2600	DFT-s-OFDM 16 QAM	50@25	23.77	24.97	0.3141
38	30	40	520000	2600	DFT-s-OFDM 16 QAM	1@1	23.86	25.06	0.3206
38	30	40	520000	2600	DFT-s-OFDM 16 QAM	1@104	23.74	24.94	0.3119
38	30	40	520000	2600	DFT-s-OFDM 64 QAM	50@25	22.33	23.53	0.2254
38	30	40	520000	2600	DFT-s-OFDM 64 QAM	1@1	22.09	23.29	0.2133
38	30	40	520000	2600	DFT-s-OFDM 64 QAM	1@104	22.17	23.37	0.2173
38	30	40	520000	2600	DFT-s-OFDM 256 QAM	50@25	20.15	21.35	0.1365
38	30	40	520000	2600	DFT-s-OFDM 256 QAM	1@1	20.03	21.23	0.1327
38	30	40	520000	2600	DFT-s-OFDM 256 QAM	1@104	20.02	21.22	0.1324
38	30	40	520000	2600	CP-OFDM QPSK	53@26	23.44	24.64	0.2911
38	30	40	520000	2600	CP-OFDM QPSK	1@1	23.34	24.54	0.2844
38	30	40	520000	2600	CP-OFDM QPSK	1@104	23.34	24.54	0.2844



Software Version: 23.06.1602

# FR1 N41-SCS 30k

## Transmitter Conducted Output Power And EIRP, (G<sub>T</sub> - L<sub>C</sub>)=2dB

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	25.54	27.54	0.5675
41	30	10	500202	2501.01	DFT-s-OFDM 16 QAM	1@1	24.62	26.62	0.4592
41	30	10	518598	2592.99	DFT-s-OFDM QPSK	1@1	26.44	28.44	0.6982
41	30	10	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	25.46	27.46	0.5572
41	30	10	537000	2685	DFT-s-OFDM QPSK	1@1	26.16	28.16	0.6546
41	30	10	537000	2685	DFT-s-OFDM 16 QAM	1@1	25.11	27.11	0.5140
41	30	15	500700	2503.5	DFT-s-OFDM QPSK	1@1	24.8	26.8	0.4786
41	30	15	500700	2503.5	DFT-s-OFDM 16 QAM	1@1	23.81	25.81	0.3811
41	30	15	518598	2592.99	DFT-s-OFDM QPSK	1@1	26.47	28.47	0.7031
41	30	15	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	25.23	27.23	0.5284
41	30	15	536496	2682.48	DFT-s-OFDM QPSK	1@1	26.2	28.2	0.6607
41	30	15	536496	2682.48	DFT-s-OFDM 16 QAM	1@1	25.15	27.15	0.5188
41	30	20	501204	2506.02	DFT-s-OFDM QPSK	1@1	24.84	26.84	0.4831
41	30	20	501204	2506.02	DFT-s-OFDM 16 QAM	1@1	23.84	25.84	0.3837
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	1@1	26.17	28.17	0.6561
41	30	20	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	25.26	27.26	0.5321
41	30	20	535998	2679.99	DFT-s-OFDM QPSK	1@1	26	28	0.6310
41	30	20	535998	2679.99	DFT-s-OFDM 16 QAM	1@1	25.14	27.14	0.5176
41	30	25	501702	2508.51	DFT-s-OFDM QPSK	1@1	24.37	26.37	0.4335
41	30	25	501702	2508.51	DFT-s-OFDM 16 QAM	1@1	23.38	25.38	0.3451
41	30	25	518598	2592.99	DFT-s-OFDM QPSK	1@1	26.52	28.52	0.7112
41	30	25	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	25.44	27.44	0.5546
41	30	25	535500	2677.5	DFT-s-OFDM QPSK	1@1	26.33	28.33	0.6808
41	30	25	535500	2677.5	DFT-s-OFDM 16 QAM	1@1	25.26	27.26	0.5321
41	30	30	502200	2511	DFT-s-OFDM QPSK	1@1	24.5	26.5	0.4467
41	30	30	502200	2511	DFT-s-OFDM 16 QAM	1@1	23.51	25.51	0.3556
41	30	30	518598	2592.99	DFT-s-OFDM QPSK	1@1	26.53	28.53	0.7129
41	30	30	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	25.38	27.38	0.5470
41	30	30	534996	2674.98	DFT-s-OFDM QPSK	1@1	26.26	28.26	0.6699
41	30	30	534996	2674.98	DFT-s-OFDM 16 QAM	1@1	25.24	27.24	0.5297
41	30	35	502704	2513.52	DFT-s-OFDM QPSK	1@1	24.48	26.48	0.4446
41	30	35	502704	2513.52	DFT-s-OFDM 16 QAM	1@1	23.46	25.46	0.3516
41	30	35	518598	2592.99	DFT-s-OFDM QPSK	1@1	26.31	28.31	0.6776



41	30	35	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	25.29	27.29	0.5358
41	30	35	534498	2672.49	DFT-s-OFDM QPSK	1@1	26.16	28.16	0.6546
41	30	35	534498	2672.49	DFT-s-OFDM 16 QAM	1@1	25.21	27.21	0.5260
41	30	40	503202	2516.01	DFT-s-OFDM QPSK	1@1	24.46	26.46	0.4426
41	30	40	503202	2516.01	DFT-s-OFDM 16 QAM	1@1	23.46	25.46	0.3516
41	30	40	518598	2592.99	DFT-s-OFDM QPSK	1@1	26.18	28.18	0.6577
41	30	40	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	25.31	27.31	0.5383
41	30	40	534000	2670	DFT-s-OFDM QPSK	1@1	26.24	28.24	0.6668
41	30	40	534000	2670	DFT-s-OFDM 16 QAM	1@1	25.09	27.09	0.5117
41	30	45	503700	2518.5	DFT-s-OFDM QPSK	1@1	24.55	26.55	0.4519
41	30	45	503700	2518.5	DFT-s-OFDM 16 QAM	1@1	23.64	25.64	0.3664
41	30	45	518598	2592.99	DFT-s-OFDM QPSK	1@1	26.5	28.5	0.7079
41	30	45	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	25.46	27.46	0.5572
41	30	45	533496	2667.48	DFT-s-OFDM QPSK	1@1	26.39	28.39	0.6902
41	30	45	533496	2667.48	DFT-s-OFDM 16 QAM	1@1	25.4	27.4	0.5495
41	30	50	504204	2521.02	DFT-s-OFDM QPSK	1@1	24.63	26.63	0.4603
41	30	50	504204	2521.02	DFT-s-OFDM 16 QAM	1@1	23.67	25.67	0.3690
41	30	50	518598	2592.99	DFT-s-OFDM QPSK	1@1	25.1	27.1	0.5129
41	30	50	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	25.54	27.54	0.5675
41	30	50	532998	2664.99	DFT-s-OFDM QPSK	1@1	26.4	28.4	0.6918
41	30	50	532998	2664.99	DFT-s-OFDM 16 QAM	1@1	25.41	27.41	0.5508
41	30	60	505200	2526	DFT-s-OFDM QPSK	1@1	24.83	26.83	0.4819
41	30	60	505200	2526	DFT-s-OFDM 16 QAM	1@1	23.78	25.78	0.3784
41	30	60	518598	2592.99	DFT-s-OFDM QPSK	1@1	26.38	28.38	0.6887
41	30	60	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	25.43	27.43	0.5534
41	30	60	531996	2659.98	DFT-s-OFDM QPSK	1@1	26.3	28.3	0.6761
41	30	60	531996	2659.98	DFT-s-OFDM 16 QAM	1@1	25.27	27.27	0.5333
41	30	70	505200	2531.01	DFT-s-OFDM QPSK	1@1	24.9	26.9	0.4898
41	30	70	505200	2531.01	DFT-s-OFDM 16 QAM	1@1	23.87	25.87	0.3864
41	30	70	518598	2592.99	DFT-s-OFDM QPSK	1@1	26.26	28.26	0.6699
41	30	70	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	25.48	27.48	0.5598
41	30	70	531996	2655	DFT-s-OFDM QPSK	1@1	26.26	28.26	0.6699
41	30	70	531996	2655	DFT-s-OFDM 16 QAM	1@1	25.43	27.43	0.5534
41	30	80	507204	2536.02	DFT-s-OFDM QPSK	1@1	24.95	26.95	0.4955
41	30	80	507204	2536.02	DFT-s-OFDM 16 QAM	1@1	23.94	25.94	0.3926
41	30	80	518598	2592.99	DFT-s-OFDM QPSK	1@1	26.55	28.55	0.7161
41	30	80	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	25.41	27.41	0.5508
41	30	80	529998	2649.99	DFT-s-OFDM QPSK	1@1	26.35	28.35	0.6839
41	30	80	529998	2649.99	DFT-s-OFDM 16 QAM	1@1	25.36	27.36	0.5445
41	30	90	508200	2541	DFT-s-OFDM QPSK	1@1	24.95	26.95	0.4955



41	30	90	508200	2541	DFT-s-OFDM 16 QAM	1@1	23.99	25.99	0.3972
41	30	90	518598	2592.99	DFT-s-OFDM QPSK	1@1	26.49	28.49	0.7063
41	30	90	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	25.44	27.44	0.5546
41	30	90	528996	2644.98	DFT-s-OFDM QPSK	1@1	26.34	28.34	0.6823
41	30	90	528996	2644.98	DFT-s-OFDM 16 QAM	1@1	25.22	27.22	0.5272
41	30	100	509202	2546.01	DFT-s-OFDM PI/2 BPSK	135@67	25.95	27.95	0.6237
41	30	100	509202	2546.01	DFT-s-OFDM PI/2 BPSK	1@1	25.75	27.75	0.5957
41	30	100	509202	2546.01	DFT-s-OFDM PI/2 BPSK	1@271	26.04	28.04	0.6368
41	30	100	509202	2546.01	DFT-s-OFDM QPSK	135@67	26.36	28.36	0.6855
41	30	100	509202	2546.01	DFT-s-OFDM QPSK	1@1	24.73	26.73	0.4710
41	30	100	509202	2546.01	DFT-s-OFDM QPSK	1@271	26.45	28.45	0.6998
41	30	100	509202	2546.01	DFT-s-OFDM 16 QAM	135@67	25.44	27.44	0.5546
41	30	100	509202	2546.01	DFT-s-OFDM 16 QAM	1@1	23.91	25.91	0.3899
41	30	100	509202	2546.01	DFT-s-OFDM 16 QAM	1@271	25.56	27.56	0.5702
41	30	100	509202	2546.01	DFT-s-OFDM 64 QAM	135@67	23.9	25.9	0.3890
41	30	100	509202	2546.01	DFT-s-OFDM 64 QAM	1@1	22.4	24.4	0.2754
41	30	100	509202	2546.01	DFT-s-OFDM 64 QAM	1@271	23.93	25.93	0.3917
41	30	100	509202	2546.01	DFT-s-OFDM 256 QAM	135@67	21.87	23.87	0.2438
41	30	100	509202	2546.01	DFT-s-OFDM 256 QAM	1@1	20.68	22.68	0.1854
41	30	100	509202	2546.01	DFT-s-OFDM 256 QAM	1@271	21.92	23.92	0.2466
41	30	100	509202	2546.01	CP-OFDM QPSK	137@68	24.89	26.89	0.4887
41	30	100	509202	2546.01	CP-OFDM QPSK	1@1	23.21	25.21	0.3319
41	30	100	509202	2546.01	CP-OFDM QPSK	1@271	25.19	27.19	0.5236
41	30	100	518598	2592.99	DFT-s-OFDM PI/2 BPSK	135@67	25.98	27.98	0.6281
41	30	100	518598	2592.99	DFT-s-OFDM PI/2 BPSK	1@1	25.85	27.85	0.6095
41	30	100	518598	2592.99	DFT-s-OFDM PI/2 BPSK	1@271	26.16	28.16	0.6546
41	30	100	518598	2592.99	DFT-s-OFDM QPSK	135@67	26.38	28.38	0.6887
41	30	100	518598	2592.99	DFT-s-OFDM QPSK	1@1	26.33	28.33	0.6808
41	30	100	518598	2592.99	DFT-s-OFDM QPSK	1@271	26.77	28.77	0.7534
41	30	100	518598	2592.99	DFT-s-OFDM 16 QAM	135@67	25.35	27.35	0.5433
41	30	100	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	25.48	27.48	0.5598
41	30	100	518598	2592.99	DFT-s-OFDM 16 QAM	1@271	25.81	27.81	0.6039
41	30	100	518598	2592.99	DFT-s-OFDM 64 QAM	135@67	23.87	25.87	0.3864
41	30	100	518598	2592.99	DFT-s-OFDM 64 QAM	1@1	23.93	25.93	0.3917
41	30	100	518598	2592.99	DFT-s-OFDM 64 QAM	1@271	24.21	26.21	0.4178
41	30	100	518598	2592.99	DFT-s-OFDM 256 QAM	135@67	21.9	23.9	0.2455
41	30	100	518598	2592.99	DFT-s-OFDM 256 QAM	1@1	21.74	23.74	0.2366
41	30	100	518598	2592.99	DFT-s-OFDM 256 QAM	1@271	22.13	24.13	0.2588
41	30	100	518598	2592.99	CP-OFDM QPSK	137@68	24.89	26.89	0.4887
41	30	100	518598	2592.99	CP-OFDM QPSK	1@1	24.77	26.77	0.4753



41	30	100	518598	2592.99	CP-OFDM QPSK	1@271	25.31	27.31	0.5383
41	30	100	528000	2640	DFT-s-OFDM PI/2 BPSK	135@67	25.86	27.86	0.6109
41	30	100	528000	2640	DFT-s-OFDM PI/2 BPSK	1@1	25.74	27.74	0.5943
41	30	100	528000	2640	DFT-s-OFDM PI/2 BPSK	1@271	26.1	28.1	0.6457
41	30	100	528000	2640	DFT-s-OFDM QPSK	135@67	26.41	28.41	0.6934
41	30	100	528000	2640	DFT-s-OFDM QPSK	1@1	26.16	28.16	0.6546
41	30	100	528000	2640	DFT-s-OFDM QPSK	1@271	26.4	28.4	0.6918
41	30	100	528000	2640	DFT-s-OFDM 16 QAM	135@67	25.35	27.35	0.5433
41	30	100	528000	2640	DFT-s-OFDM 16 QAM	1@1	25.26	27.26	0.5321
41	30	100	528000	2640	DFT-s-OFDM 16 QAM	1@271	25.5	27.5	0.5623
41	30	100	528000	2640	DFT-s-OFDM 64 QAM	135@67	23.75	25.75	0.3758
41	30	100	528000	2640	DFT-s-OFDM 64 QAM	1@1	23.77	25.77	0.3776
41	30	100	528000	2640	DFT-s-OFDM 64 QAM	1@271	23.91	25.91	0.3899
41	30	100	528000	2640	DFT-s-OFDM 256 QAM	135@67	21.98	23.98	0.2500
41	30	100	528000	2640	DFT-s-OFDM 256 QAM	1@1	21.56	23.56	0.2270
41	30	100	528000	2640	DFT-s-OFDM 256 QAM	1@271	21.94	23.94	0.2477
41	30	100	528000	2640	CP-OFDM QPSK	137@68	24.91	26.91	0.4909
41	30	100	528000	2640	CP-OFDM QPSK	1@1	24.8	26.8	0.4786
41	30	100	528000	2640	CP-OFDM QPSK	1@271	24.88	26.88	0.4875



### 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	0.0030	PASS	NV
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	0.0045	PASS	LV
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	0.0064	PASS	HV
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	0.0034	PASS	-30°C
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	0.0030	PASS	-20°C
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	0.0033	PASS	-10°C
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	0.0051	PASS	0°C
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	0.0024	PASS	10°C
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	0.0030	PASS	20°C
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	0.0052	PASS	30°C
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	0.0042	PASS	40°C
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	0.0030	PASS	50°C



### 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	4.19	13	PASS
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	5.25	13	PASS



N41(20M)\_DFT-s-OFDM\_PI\_2-  
BPSK\_Outer\_Full\_Mid\_CH

N41(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)
41	30	10	518598	2592.99	CP-OFDM QPSK	24@0	8.5777	9.662
41	30	10	518598	2592.99	CP-OFDM 16 QAM	24@0	8.5772	9.496
41	30	10	518598	2592.99	CP-OFDM 64 QAM	24@0	8.5766	9.623
41	30	10	518598	2592.99	CP-OFDM 256 QAM	24@0	8.5698	9.217
41	30	15	518598	2592.99	CP-OFDM QPSK	38@0	13.571	14.68
41	30	15	518598	2592.99	CP-OFDM 16 QAM	38@0	13.621	14.48
41	30	15	518598	2592.99	CP-OFDM 64 QAM	38@0	13.527	14.61
41	30	15	518598	2592.99	CP-OFDM 256 QAM	38@0	13.571	14.63
41	30	20	518598	2592.99	CP-OFDM QPSK	51@0	18.204	19.32
41	30	20	518598	2592.99	CP-OFDM 16 QAM	51@0	18.203	19.1
41	30	20	518598	2592.99	CP-OFDM 64 QAM	51@0	18.197	19.42
41	30	20	518598	2592.99	CP-OFDM 256 QAM	51@0	18.185	19.22
41	30	25	518598	2592.99	CP-OFDM QPSK	65@0	23.201	24.41
41	30	25	518598	2592.99	CP-OFDM 16 QAM	65@0	23.184	24.59
41	30	25	518598	2592.99	CP-OFDM 64 QAM	65@0	23.273	24.44
41	30	25	518598	2592.99	CP-OFDM 256 QAM	65@0	23.141	24.42
41	30	30	518598	2592.99	CP-OFDM QPSK	78@0	27.844	29.08
41	30	30	518598	2592.99	CP-OFDM 16 QAM	78@0	27.947	29.26
41	30	30	518598	2592.99	CP-OFDM 64 QAM	78@0	27.799	29.09
41	30	30	518598	2592.99	CP-OFDM 256 QAM	78@0	27.783	29.11
41	30	35	518598	2592.99	CP-OFDM QPSK	92@0	32.806	34.4
41	30	35	518598	2592.99	CP-OFDM 16 QAM	92@0	32.823	34.34



41	30	35	518598	2592.99	CP-OFDM 64 QAM	92@0	32.858	34.08
41	30	35	518598	2592.99	CP-OFDM 256 QAM	92@0	32.766	34.44
41	30	40	518598	2592.99	CP-OFDM QPSK	106@0	37.91	39.77
41	30	40	518598	2592.99	CP-OFDM 16 QAM	106@0	37.899	39.13
41	30	40	518598	2592.99	CP-OFDM 64 QAM	106@0	37.845	39.62
41	30	40	518598	2592.99	CP-OFDM 256 QAM	106@0	37.891	39.43
41	30	45	518598	2592.99	CP-OFDM QPSK	119@0	42.293	44.55
41	30	45	518598	2592.99	CP-OFDM 16 QAM	119@0	42.441	44.18
41	30	45	518598	2592.99	CP-OFDM 64 QAM	119@0	42.466	44.05
41	30	45	518598	2592.99	CP-OFDM 256 QAM	119@0	42.606	44.3
41	30	50	518598	2592.99	CP-OFDM QPSK	133@0	47.532	49.08
41	30	50	518598	2592.99	CP-OFDM 16 QAM	133@0	47.502	49.57
41	30	50	518598	2592.99	CP-OFDM 64 QAM	133@0	47.509	49.43
41	30	50	518598	2592.99	CP-OFDM 256 QAM	133@0	47.319	49.0
41	30	60	518598	2592.99	CP-OFDM QPSK	162@0	57.823	59.92
41	30	60	518598	2592.99	CP-OFDM 16 QAM	162@0	57.744	59.83
41	30	60	518598	2592.99	CP-OFDM 64 QAM	162@0	58.348	59.23
41	30	60	518598	2592.99	CP-OFDM 256 QAM	162@0	57.769	59.72
41	30	70	518598	2592.99	CP-OFDM QPSK	189@0	67.517	69.75
41	30	70	518598	2592.99	CP-OFDM 16 QAM	189@0	67.354	69.66
41	30	70	518598	2592.99	CP-OFDM 64 QAM	189@0	67.442	69.54
41	30	70	518598	2592.99	CP-OFDM 256 QAM	189@0	67.478	69.57
41	30	80	518598	2592.99	CP-OFDM QPSK	217@0	77.584	80.12
41	30	80	518598	2592.99	CP-OFDM 16 QAM	217@0	77.323	79.91
41	30	80	518598	2592.99	CP-OFDM 64 QAM	217@0	77.42	79.98



41	30	80	518598	2592.99	CP-OFDM 256 QAM	217@0	77.312	79.94
41	30	90	518598	2592.99	CP-OFDM QPSK	245@0	87.573	90.2
41	30	90	518598	2592.99	CP-OFDM 16 QAM	245@0	87.528	90.26
41	30	90	518598	2592.99	CP-OFDM 64 QAM	245@0	87.605	90.14
41	30	90	518598	2592.99	CP-OFDM 256 QAM	245@0	87.412	90.25
41	30	100	518598	2592.99	CP-OFDM QPSK	273@0	97.358	100.5
41	30	100	518598	2592.99	CP-OFDM 16 QAM	273@0	97.474	100.6
41	30	100	518598	2592.99	CP-OFDM 64 QAM	273@0	97.559	100.4
41	30	100	518598	2592.99	CP-OFDM 256 QAM	273@0	97.673	100.5