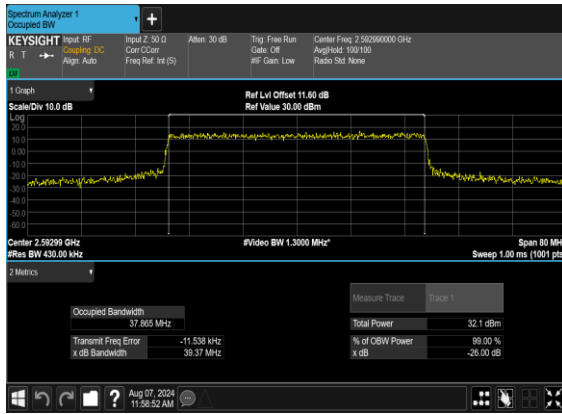
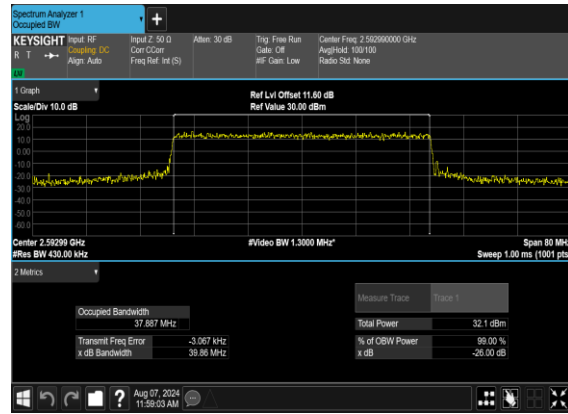




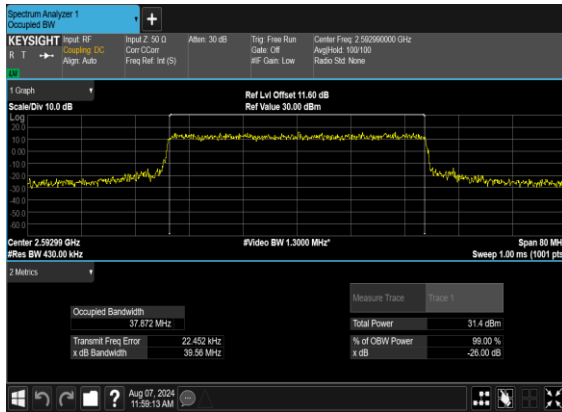
N41(40M)\_CP-OFDM\_QPSK\_Outer\_Full\_Mid\_CH



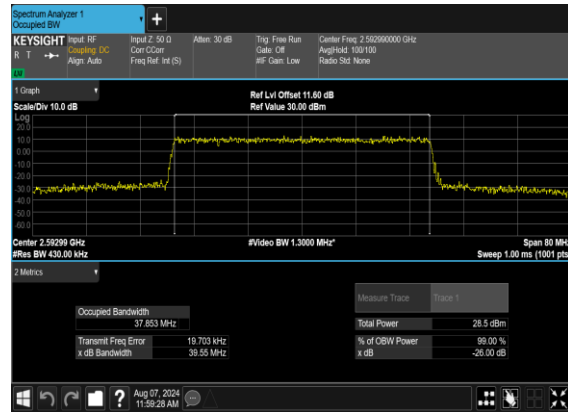
N41(40M)\_CP-OFDM\_16QAM\_Outer\_Full\_Mid\_CH



N41(40M)\_CP-OFDM\_64QAM\_Outer\_Full\_Mid\_CH

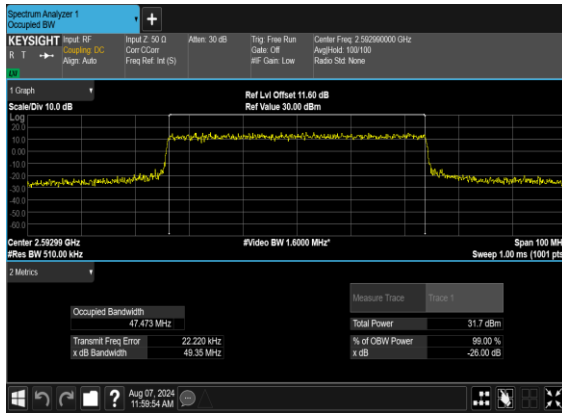


N41(40M)\_CP-OFDM\_256QAM\_Outer\_Full\_Mid\_CH

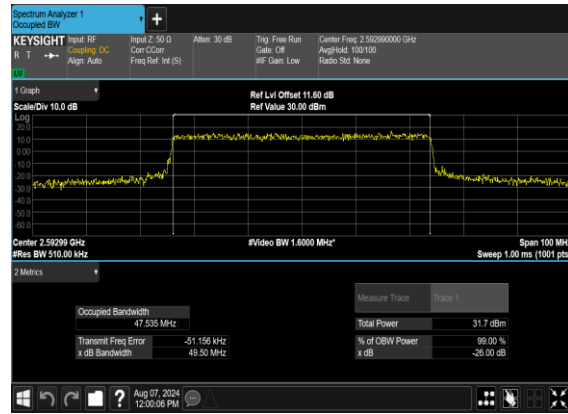




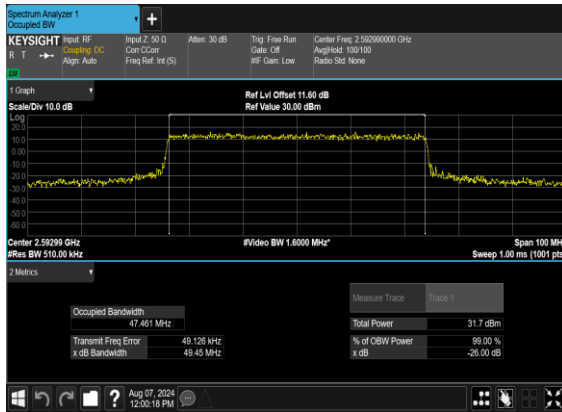
N41(50M)\_CP-OFDM\_QPSK\_Outer\_Full\_Mid\_CH



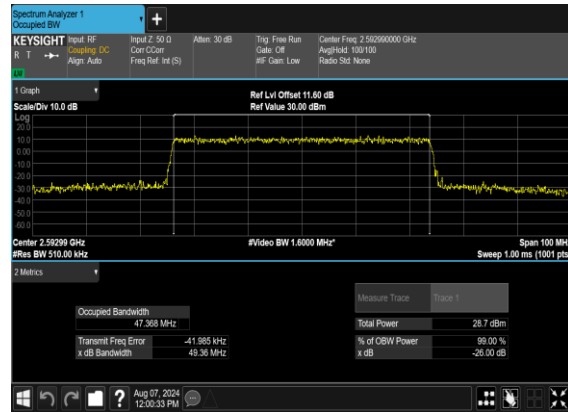
N41(50M)\_CP-OFDM\_16QAM\_Outer\_Full\_Mid\_CH



N41(50M)\_CP-OFDM\_64QAM\_Outer\_Full\_Mid\_CH

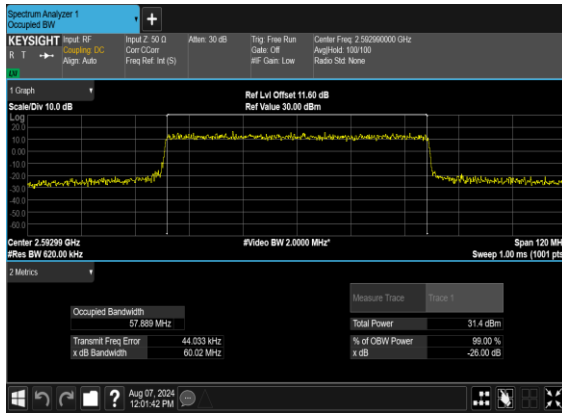


N41(50M)\_CP-OFDM\_256QAM\_Outer\_Full\_Mid\_CH

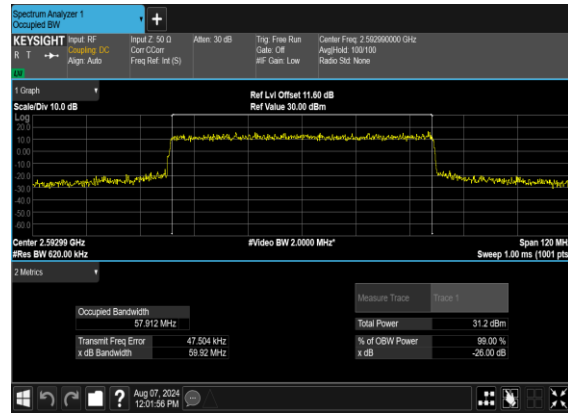




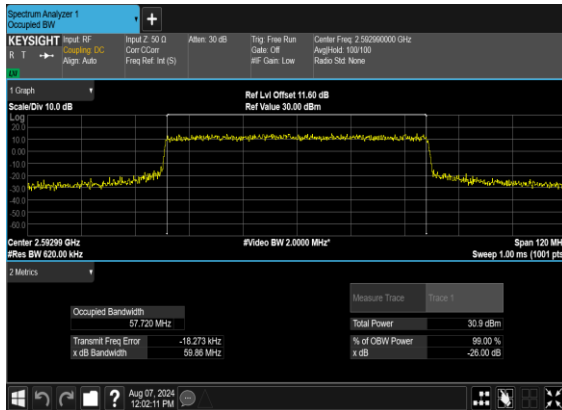
N41(60M)\_CP-OFDM\_QPSK\_Outer\_Full\_Mid\_CH



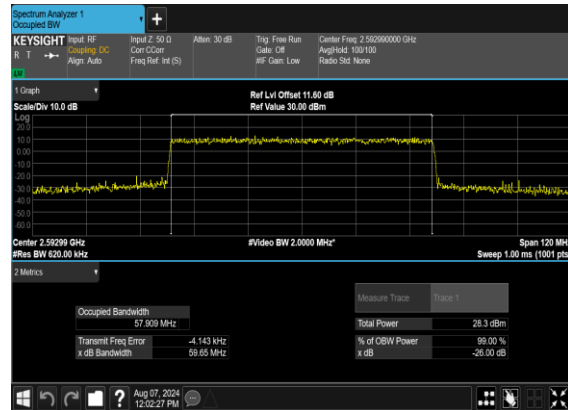
N41(60M)\_CP-OFDM\_16QAM\_Outer\_Full\_Mid\_CH



N41(60M)\_CP-OFDM\_64QAM\_Outer\_Full\_Mid\_CH

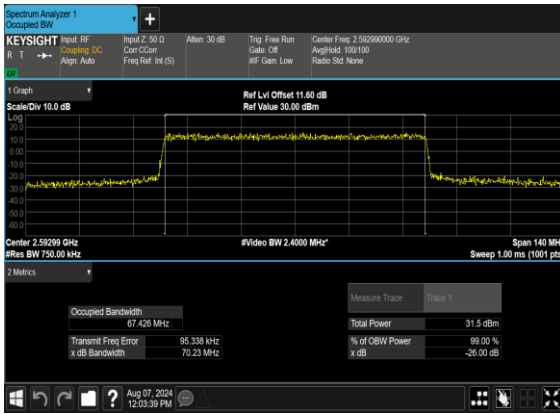


N41(60M)\_CP-OFDM\_256QAM\_Outer\_Full\_Mid\_CH

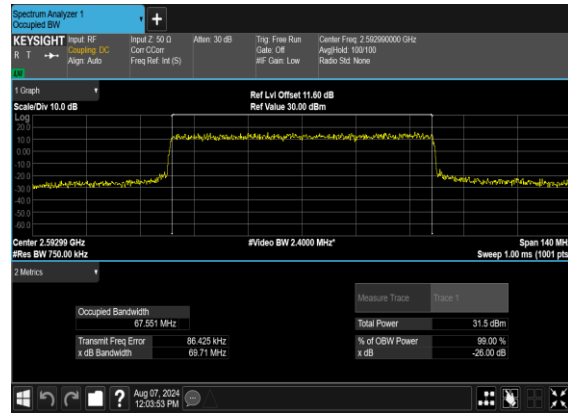




N41(70M)\_CP-OFDM\_QPSK\_Outer\_Full\_Mid\_CH



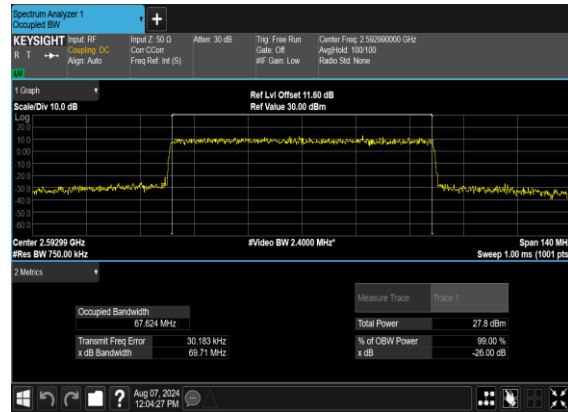
N41(70M)\_CP-OFDM\_16QAM\_Outer\_Full\_Mid\_CH



N41(70M)\_CP-OFDM\_64QAM\_Outer\_Full\_Mid\_CH

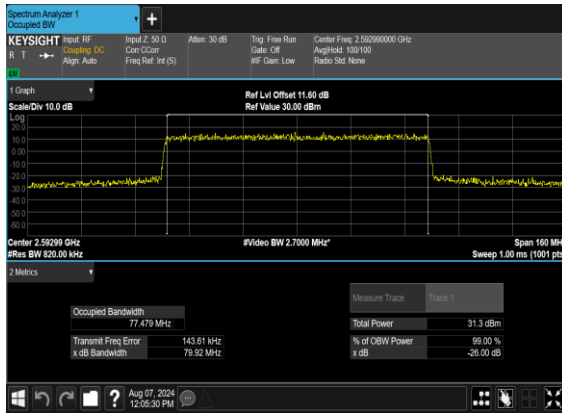


N41(70M)\_CP-OFDM\_256QAM\_Outer\_Full\_Mid\_CH

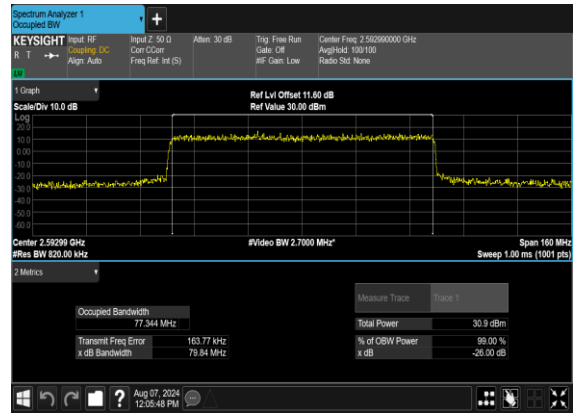




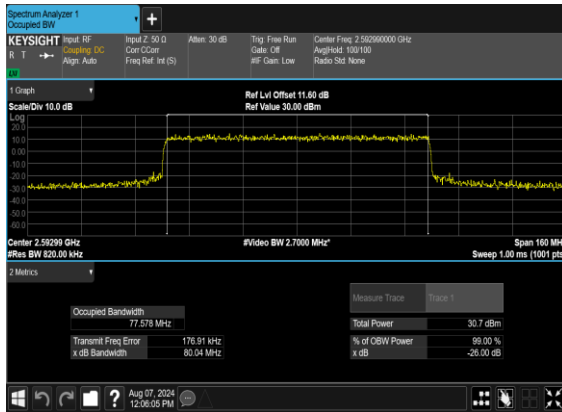
N41(80M)\_CP-OFDM\_QPSK\_Outer\_Full\_Mid\_CH



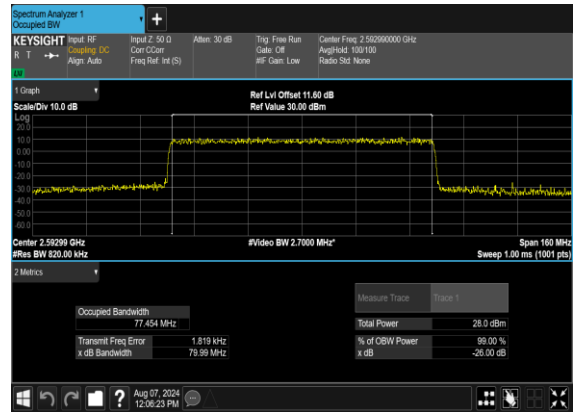
N41(80M)\_CP-OFDM\_16QAM\_Outer\_Full\_Mid\_CH



N41(80M)\_CP-OFDM\_64QAM\_Outer\_Full\_Mid\_CH

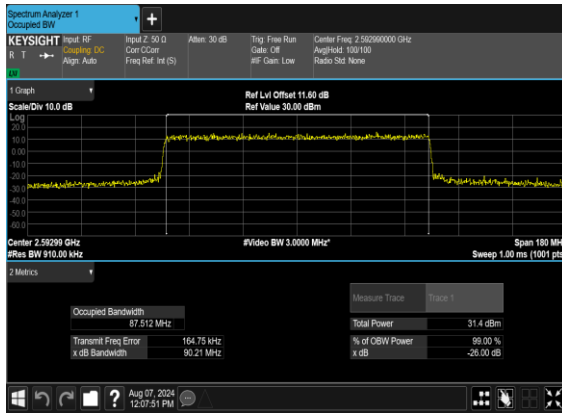


N41(80M)\_CP-OFDM\_256QAM\_Outer\_Full\_Mid\_CH

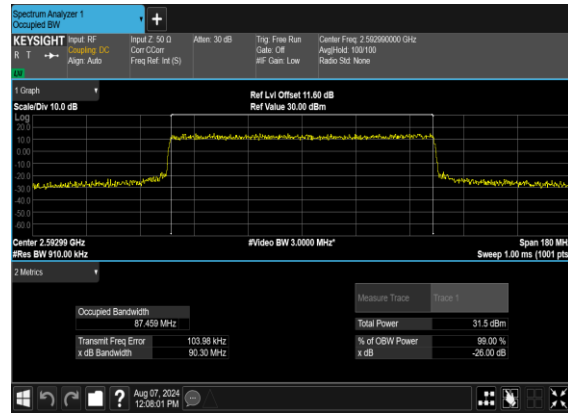




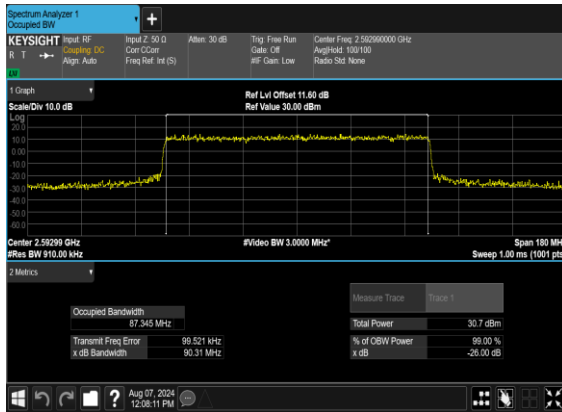
N41(90M)\_CP-OFDM\_QPSK\_Outer\_Full\_Mid\_CH



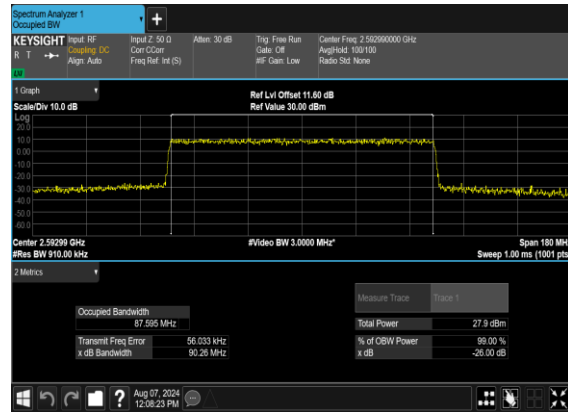
N41(90M)\_CP-OFDM\_16QAM\_Outer\_Full\_Mid\_CH



N41(90M)\_CP-OFDM\_64QAM\_Outer\_Full\_Mid\_CH

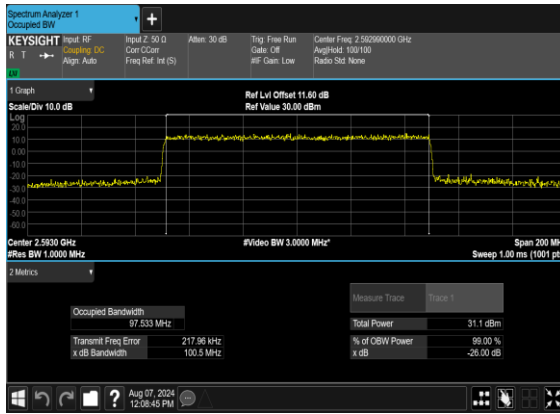


N41(90M)\_CP-OFDM\_256QAM\_Outer\_Full\_Mid\_CH

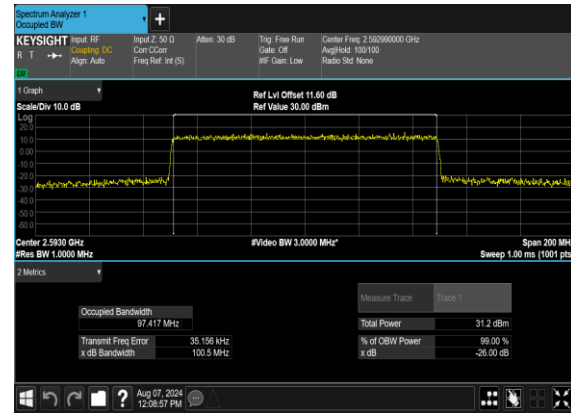




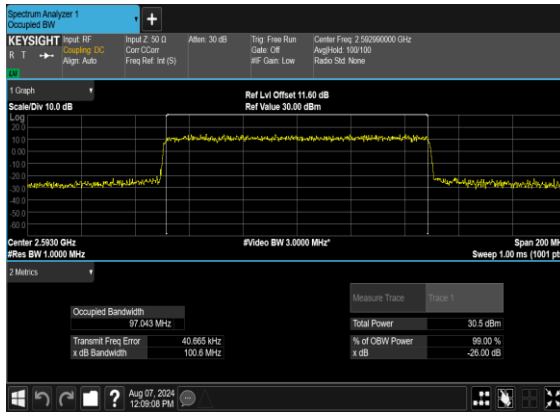
N41(100M)\_CP-OFDM\_QPSK\_Outer\_Full\_Mid\_CH



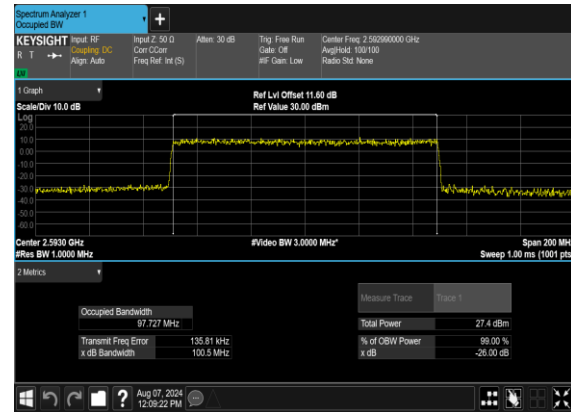
N41(100M)\_CP-OFDM\_16QAM\_Outer\_Full\_Mid\_CH



N41(100M)\_CP-OFDM\_64QAM\_Outer\_Full\_Mid\_CH



N41(100M)\_CP-OFDM\_256QAM\_Outer\_Full\_Mid\_CH



### Conducted Spurious Emissions

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
41	30	10	500202	2501.01	DFT-s-OFDM BPSK	1@0	see graph	---
41	30	10	500202	2501.01	DFT-s-OFDM BPSK	1@0	see graph	PASS
41	30	10	500202	2501.01	DFT-s-OFDM BPSK	1@0	see graph	PASS



41	30	10	500202	2501.01	DFT-s-OFDM QPSK	1@0	see graph	---
41	30	10	500202	2501.01	DFT-s-OFDM QPSK	1@0	see graph	PASS
41	30	10	500202	2501.01	DFT-s-OFDM QPSK	1@0	see graph	PASS
41	30	10	518598	2592.99	DFT-s-OFDM BPSK	1@0	see graph	---
41	30	10	518598	2592.99	DFT-s-OFDM BPSK	1@0	see graph	PASS
41	30	10	518598	2592.99	DFT-s-OFDM BPSK	1@0	see graph	PASS
41	30	10	518598	2592.99	DFT-s-OFDM QPSK	1@0	see graph	---
41	30	10	518598	2592.99	DFT-s-OFDM QPSK	1@0	see graph	PASS
41	30	10	518598	2592.99	DFT-s-OFDM QPSK	1@0	see graph	PASS
41	30	10	537000	2685.0	DFT-s-OFDM BPSK	1@0	see graph	---
41	30	10	537000	2685.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
41	30	10	537000	2685.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
41	30	10	537000	2685.0	DFT-s-OFDM QPSK	1@0	see graph	---
41	30	10	537000	2685.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
41	30	10	537000	2685.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
41	30	50	504204	2521.02	DFT-s-OFDM BPSK	1@0	see graph	---
41	30	50	504204	2521.02	DFT-s-OFDM BPSK	1@0	see graph	PASS
41	30	50	504204	2521.02	DFT-s-OFDM BPSK	1@0	see graph	PASS
41	30	50	504204	2521.02	DFT-s-OFDM QPSK	1@0	see graph	---
41	30	50	504204	2521.02	DFT-s-OFDM QPSK	1@0	see graph	PASS
41	30	50	504204	2521.02	DFT-s-OFDM QPSK	1@0	see graph	PASS
41	30	50	518598	2592.99	DFT-s-OFDM BPSK	1@0	see graph	---





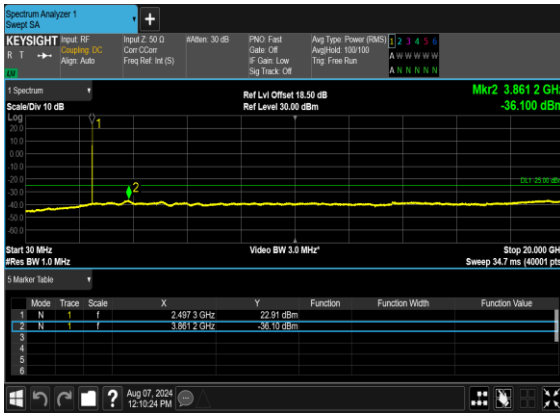
41	30	50	518598	2592.99	DFT-s-OFDM BPSK	1@0	see graph	PASS
41	30	50	518598	2592.99	DFT-s-OFDM BPSK	1@0	see graph	PASS
41	30	50	518598	2592.99	DFT-s-OFDM QPSK	1@0	see graph	---
41	30	50	518598	2592.99	DFT-s-OFDM QPSK	1@0	see graph	PASS
41	30	50	518598	2592.99	DFT-s-OFDM QPSK	1@0	see graph	PASS
41	30	50	532998	2664.99	DFT-s-OFDM BPSK	1@0	see graph	---
41	30	50	532998	2664.99	DFT-s-OFDM BPSK	1@0	see graph	PASS
41	30	50	532998	2664.99	DFT-s-OFDM BPSK	1@0	see graph	PASS
41	30	50	532998	2664.99	DFT-s-OFDM QPSK	1@0	see graph	---
41	30	50	532998	2664.99	DFT-s-OFDM QPSK	1@0	see graph	PASS
41	30	50	532998	2664.99	DFT-s-OFDM QPSK	1@0	see graph	PASS
41	30	100	509202	2546.01	DFT-s-OFDM BPSK	1@0	see graph	---
41	30	100	509202	2546.01	DFT-s-OFDM BPSK	1@0	see graph	PASS
41	30	100	509202	2546.01	DFT-s-OFDM BPSK	1@0	see graph	PASS
41	30	100	509202	2546.01	DFT-s-OFDM QPSK	1@0	see graph	---
41	30	100	509202	2546.01	DFT-s-OFDM QPSK	1@0	see graph	PASS
41	30	100	509202	2546.01	DFT-s-OFDM QPSK	1@0	see graph	PASS
41	30	100	518598	2592.99	DFT-s-OFDM BPSK	1@0	see graph	---
41	30	100	518598	2592.99	DFT-s-OFDM BPSK	1@0	see graph	PASS
41	30	100	518598	2592.99	DFT-s-OFDM BPSK	1@0	see graph	PASS
41	30	100	518598	2592.99	DFT-s-OFDM QPSK	1@0	see graph	---
41	30	100	518598	2592.99	DFT-s-OFDM QPSK	1@0	see graph	PASS



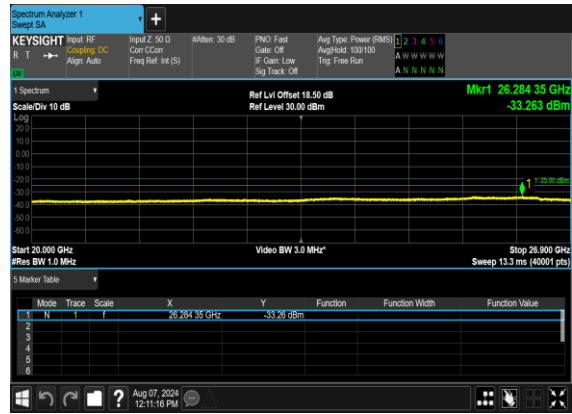
41	30	100	518598	2592.99	DFT-s-OFDM QPSK	1@0	see graph	<b>PASS</b>
41	30	100	528000	2640.0	DFT-s-OFDM BPSK	1@0	see graph	---
41	30	100	528000	2640.0	DFT-s-OFDM BPSK	1@0	see graph	<b>PASS</b>
41	30	100	528000	2640.0	DFT-s-OFDM BPSK	1@0	see graph	<b>PASS</b>
41	30	100	528000	2640.0	DFT-s-OFDM QPSK	1@0	see graph	---
41	30	100	528000	2640.0	DFT-s-OFDM QPSK	1@0	see graph	<b>PASS</b>
41	30	100	528000	2640.0	DFT-s-OFDM QPSK	1@0	see graph	<b>PASS</b>



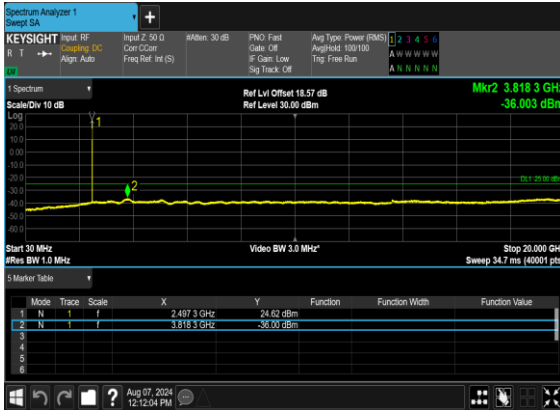
N41(10M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH



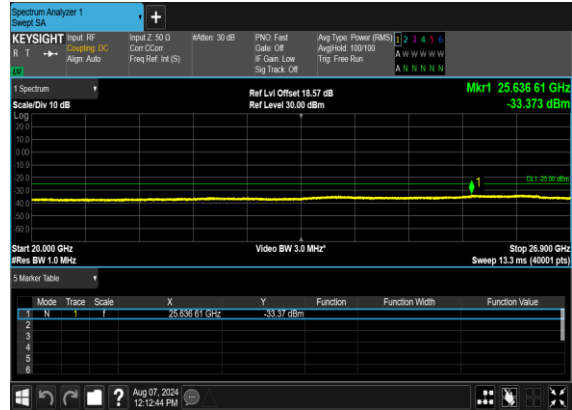
N41(10M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH



N41(10M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH

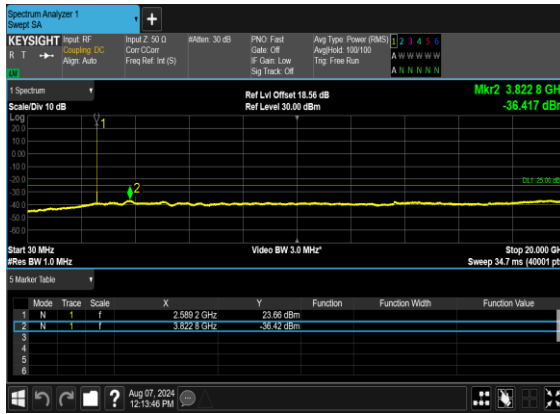


N41(10M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH

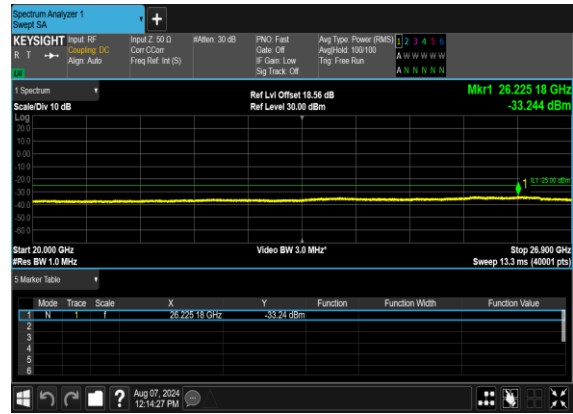




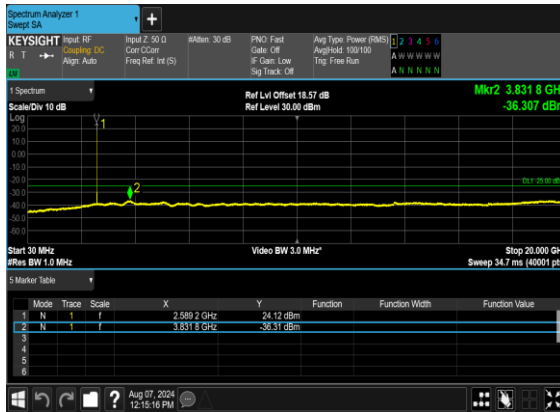
N41(10M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Mid\_CH



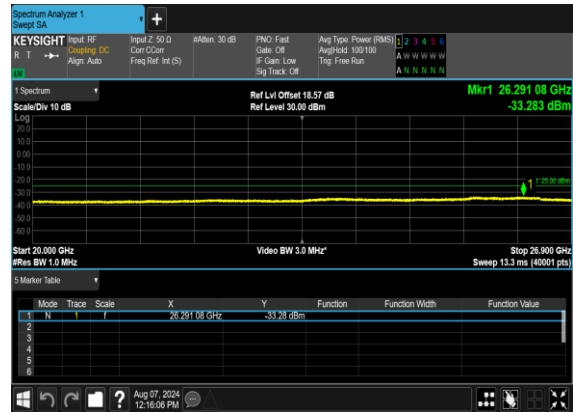
N41(10M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Mid\_CH



N41(10M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Mid\_CH

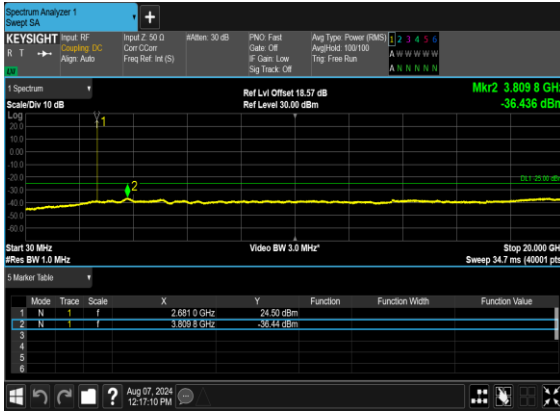


N41(10M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Mid\_CH

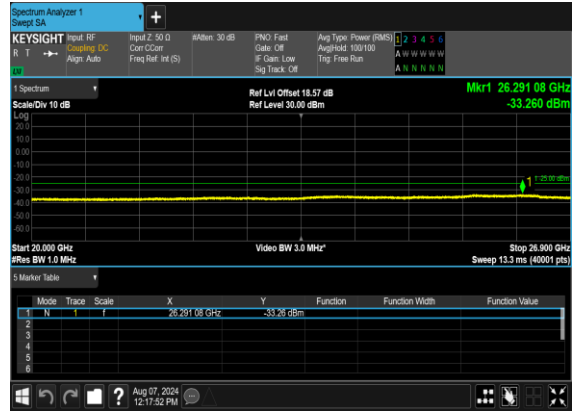




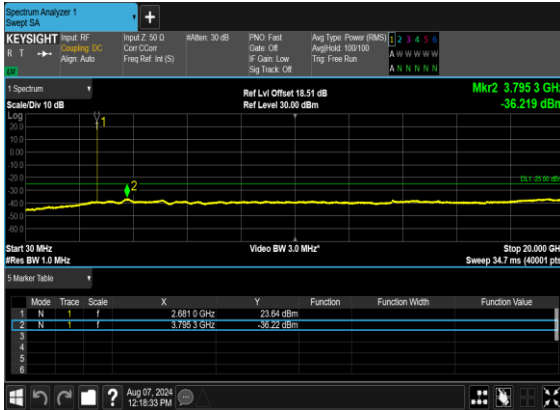
N41(10M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_High\_CH



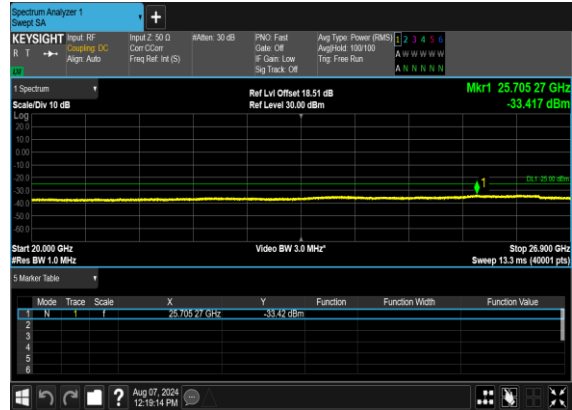
N41(10M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_High\_CH



N41(10M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_High\_CH

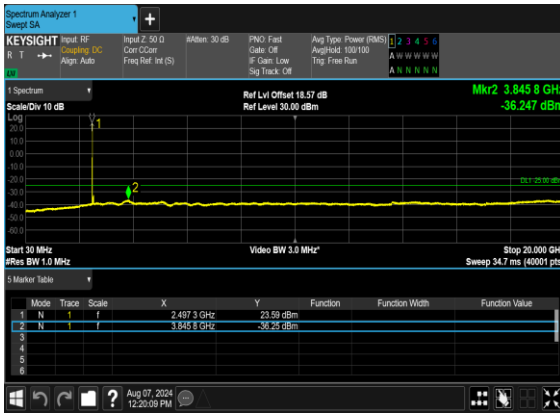


N41(10M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_High\_CH

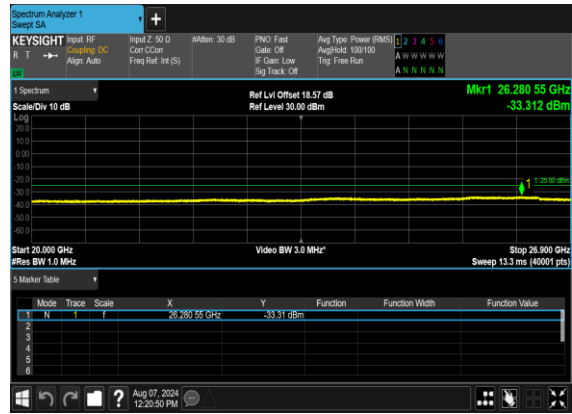




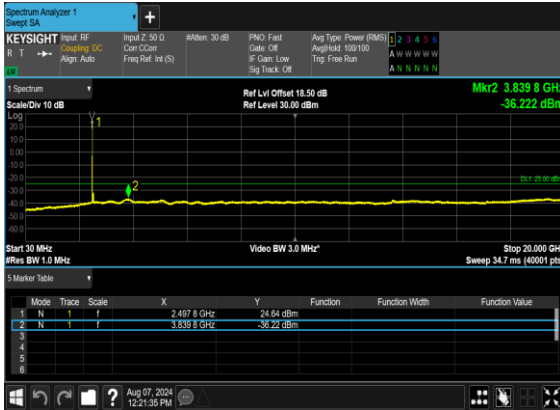
N41(50M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH



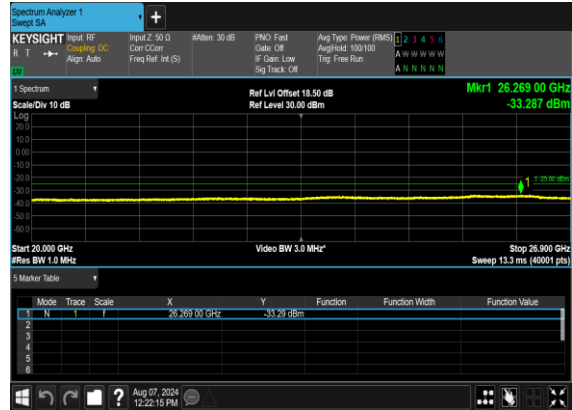
N41(50M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH



N41(50M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH

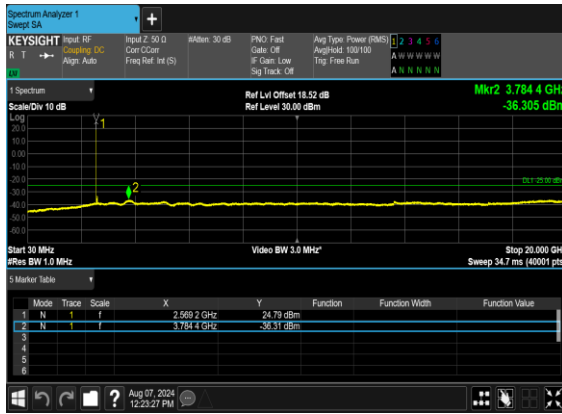


N41(50M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH

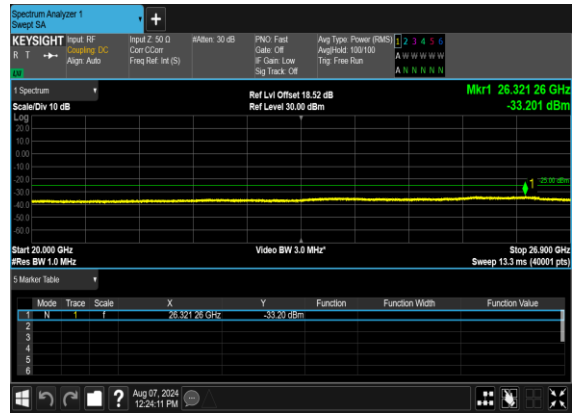




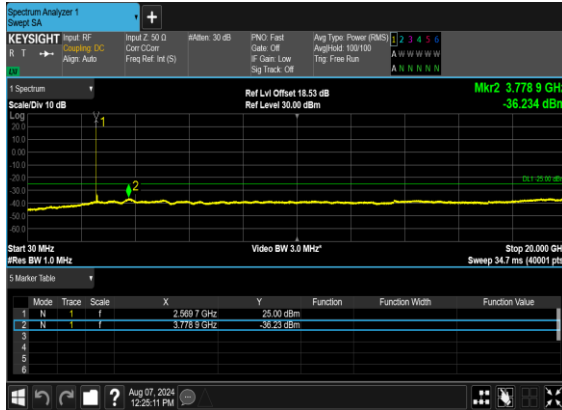
N41(50M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Mid\_CH



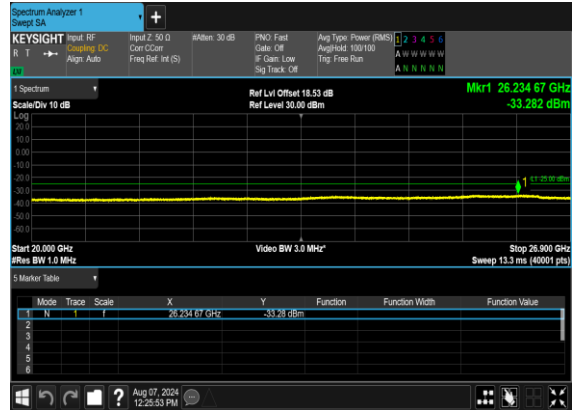
N41(50M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Mid\_CH



N41(50M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Mid\_CH

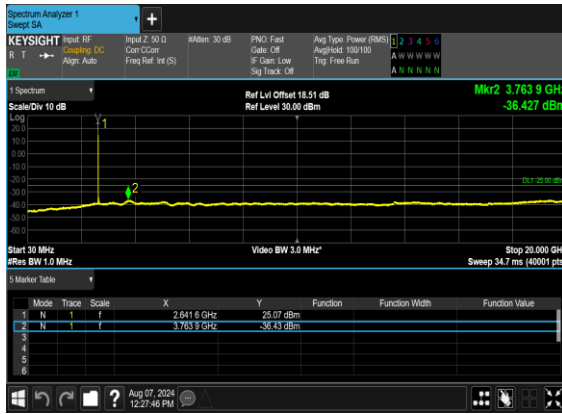


N41(50M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Mid\_CH

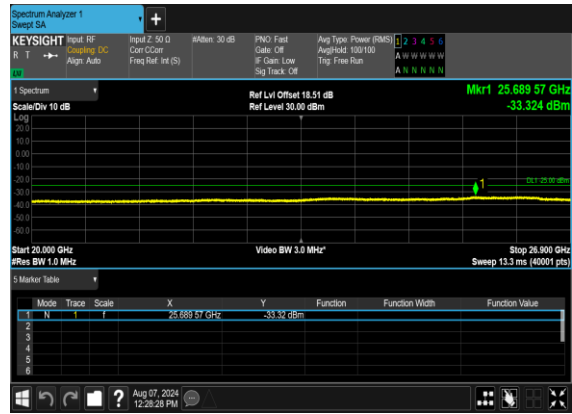




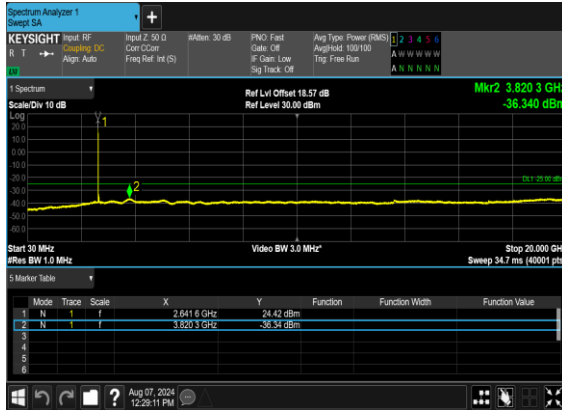
N41(50M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_High\_CH



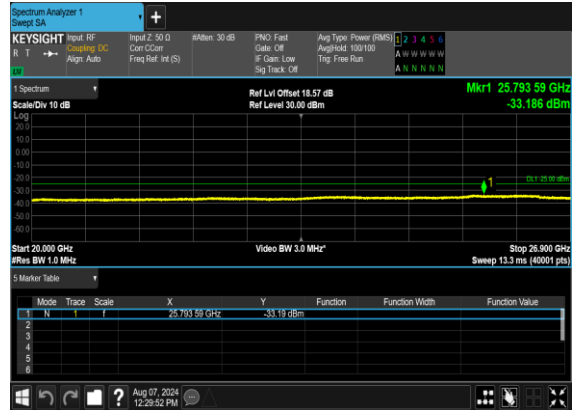
N41(50M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_High\_CH



N41(50M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_High\_CH



N41(50M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_High\_CH



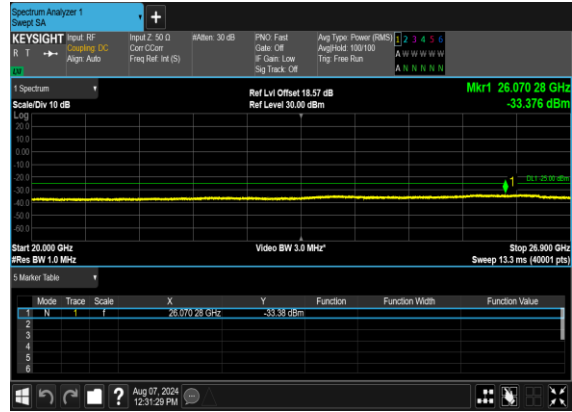




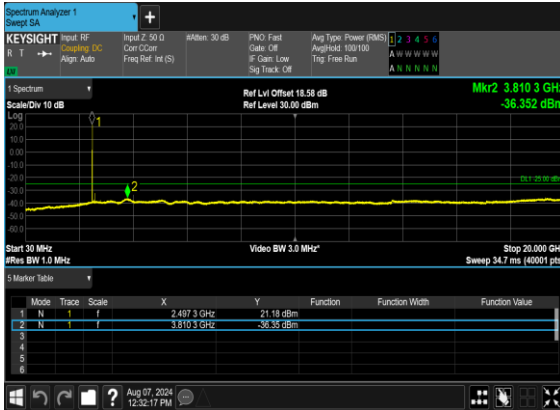
N41(100M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH



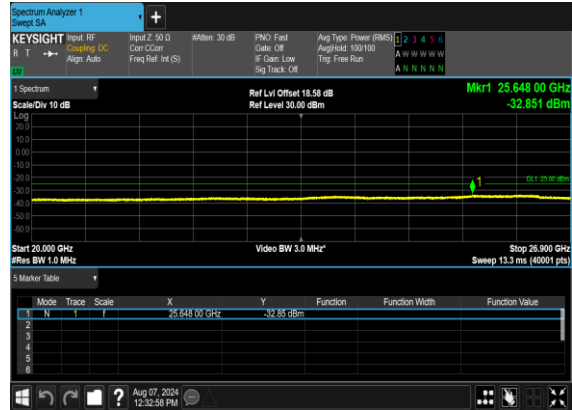
N41(100M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH



N41(100M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH

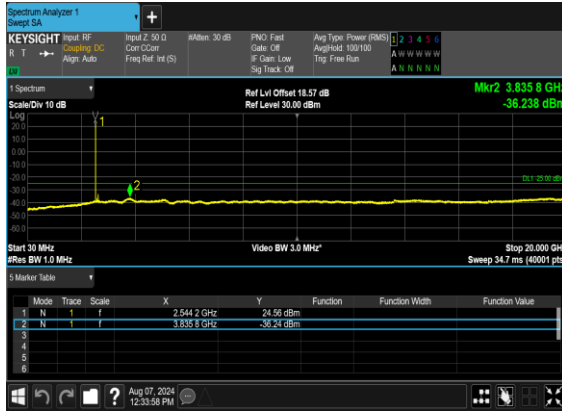


N41(100M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH

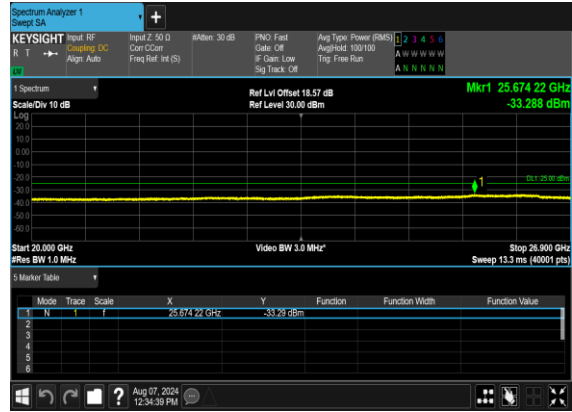




N41(100M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Mid\_CH



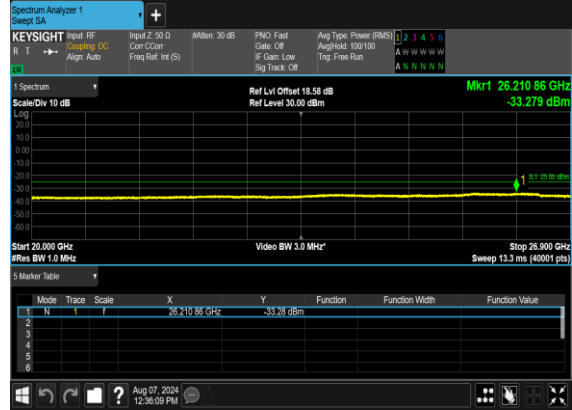
N41(100M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Mid\_CH



N41(100M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Mid\_CH

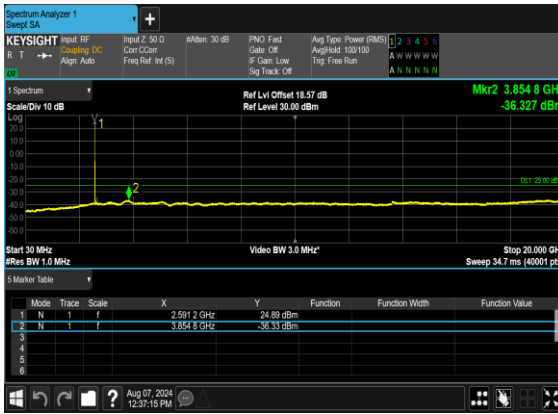


N41(100M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Mid\_CH

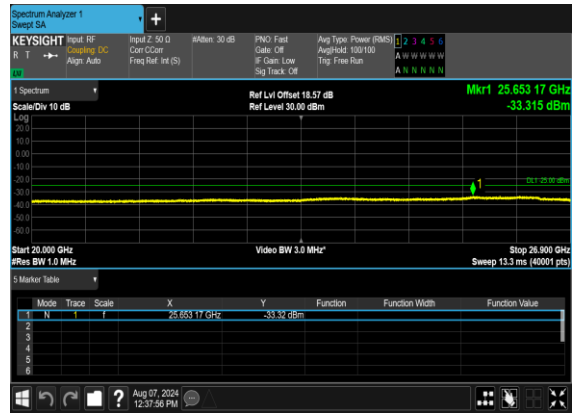




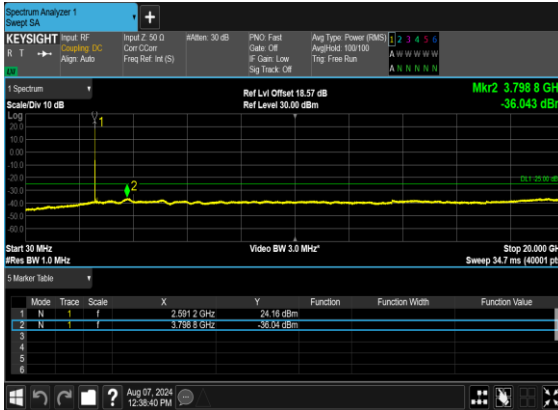
N41(100M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_High\_CH



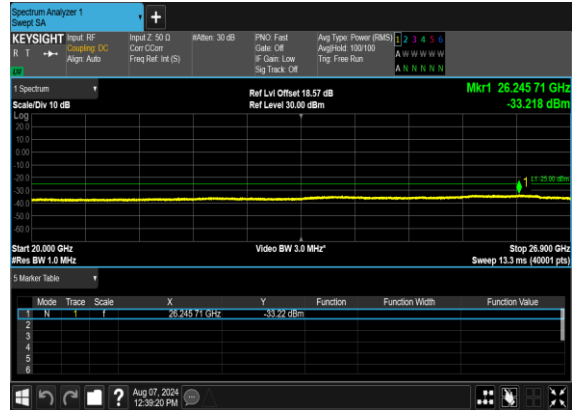
N41(100M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_High\_CH



N41(100M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_High\_CH



N41(100M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_High\_CH



### Conducted Band Edge

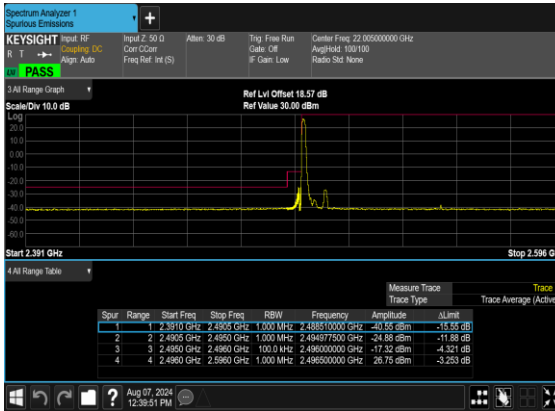
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
41	30	10	500202	2501.01	DFT-s-OFDM BPSK	1@0	see graph	PASS
41	30	10	500202	2501.01	DFT-s-OFDM QPSK	1@0	see graph	PASS
41	30	10	500202	2501.01	DFT-s-OFDM BPSK	24@0	see graph	PASS
41	30	10	500202	2501.01	DFT-s-OFDM QPSK	24@0	see graph	PASS



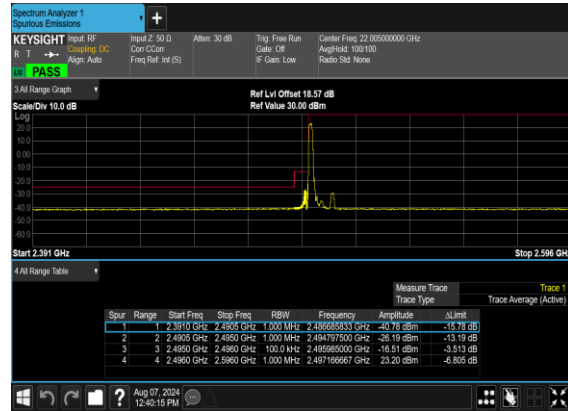
41	30	10	537000	2685.0	DFT-s-OFDM BPSK	1@23	see graph	PASS
41	30	10	537000	2685.0	DFT-s-OFDM QPSK	1@23	see graph	PASS
41	30	10	537000	2685.0	DFT-s-OFDM BPSK	24@0	see graph	PASS
41	30	10	537000	2685.0	DFT-s-OFDM QPSK	24@0	see graph	PASS
41	30	50	504204	2521.02	DFT-s-OFDM BPSK	1@0	see graph	PASS
41	30	50	504204	2521.02	DFT-s-OFDM QPSK	1@0	see graph	PASS
41	30	50	504204	2521.02	DFT-s-OFDM BPSK	128@0	see graph	PASS
41	30	50	504204	2521.02	DFT-s-OFDM QPSK	128@0	see graph	PASS
41	30	50	532998	2664.99	DFT-s-OFDM BPSK	1@132	see graph	PASS
41	30	50	532998	2664.99	DFT-s-OFDM QPSK	1@132	see graph	PASS
41	30	50	532998	2664.99	DFT-s-OFDM BPSK	128@0	see graph	PASS
41	30	50	532998	2664.99	DFT-s-OFDM QPSK	128@0	see graph	PASS
41	30	100	509202	2546.01	DFT-s-OFDM BPSK	1@0	see graph	PASS
41	30	100	509202	2546.01	DFT-s-OFDM QPSK	1@0	see graph	PASS
41	30	100	509202	2546.01	DFT-s-OFDM BPSK	270@0	see graph	PASS
41	30	100	509202	2546.01	DFT-s-OFDM QPSK	270@0	see graph	PASS
41	30	100	528000	2640.0	DFT-s-OFDM BPSK	1@272	see graph	PASS
41	30	100	528000	2640.0	DFT-s-OFDM QPSK	1@272	see graph	PASS
41	30	100	528000	2640.0	DFT-s-OFDM BPSK	270@0	see graph	PASS
41	30	100	528000	2640.0	DFT-s-OFDM QPSK	270@0	see graph	PASS



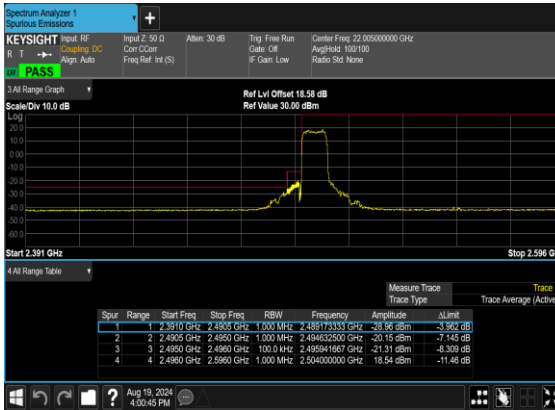
N41(10M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH



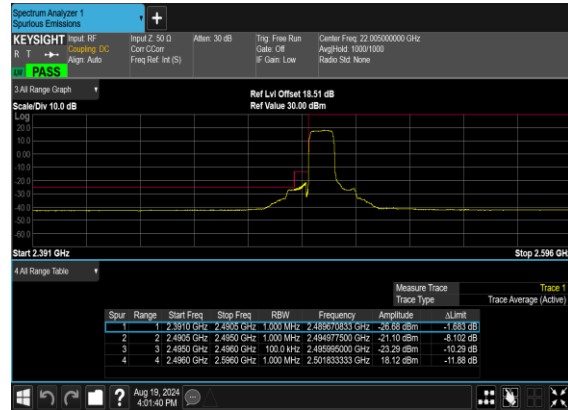
N41(10M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



N41(10M)\_DFT-s-OFDM\_BPSK\_Outer\_Full\_Low\_CH



N41(10M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_Low\_CH

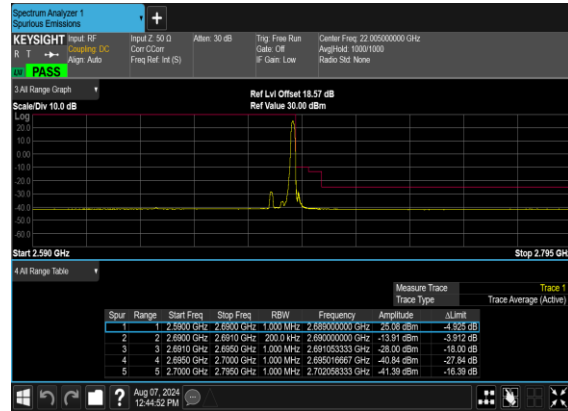




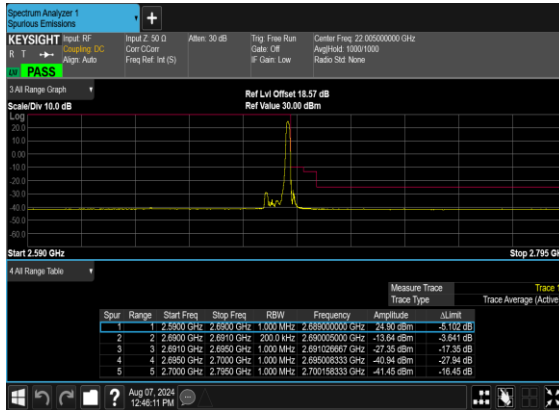
N41(10M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_Low\_CH\_CHP\_PA SS



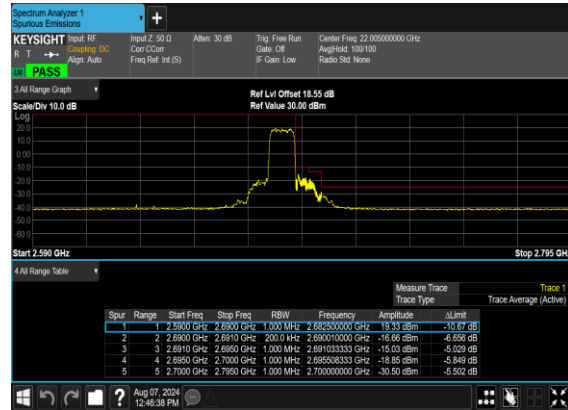
N41(10M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Right\_High\_CH



N41(10M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Right\_High\_CH

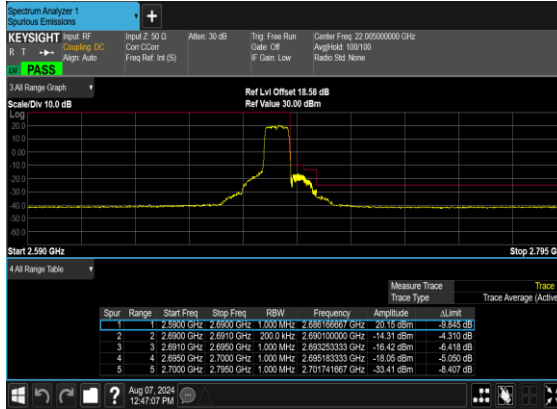


N41(10M)\_DFT-s-OFDM\_BPSK\_Outer\_Full\_High\_CH

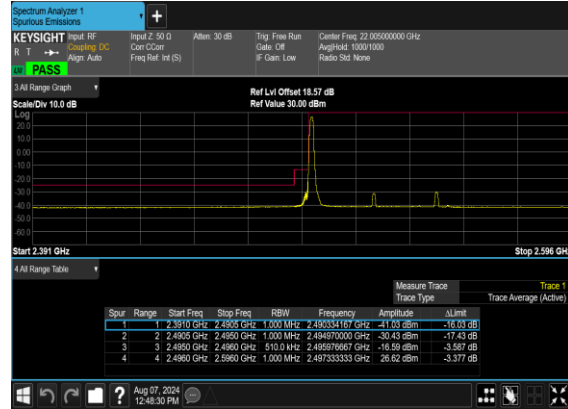




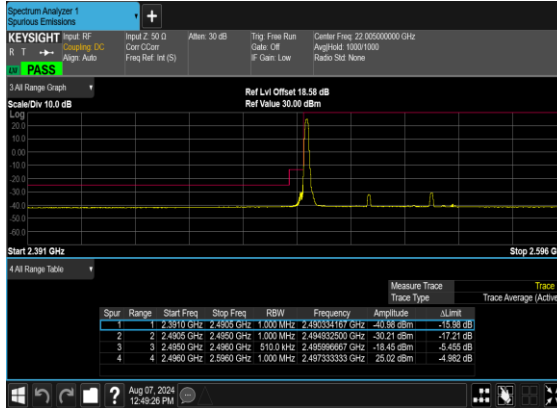
N41(10M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_High\_CH



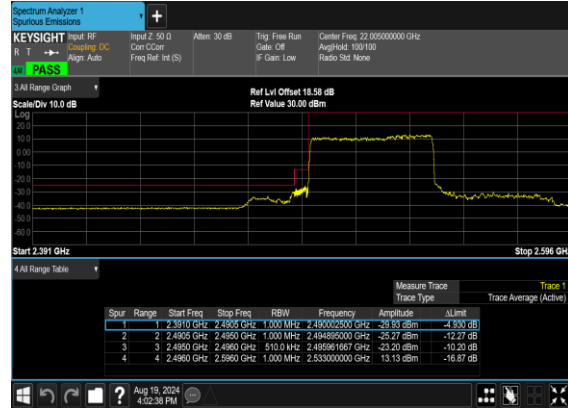
N41(50M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH



N41(50M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH

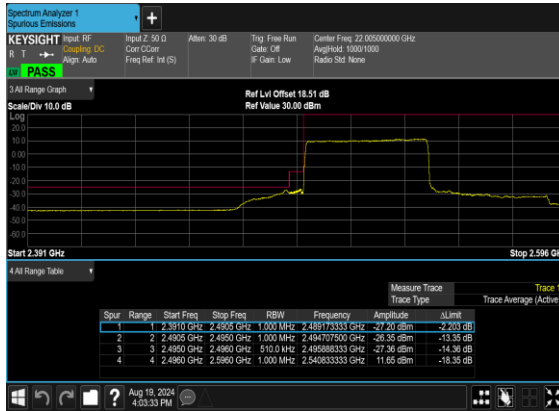


N41(50M)\_DFT-s-OFDM\_BPSK\_Outer\_Full\_Low\_CH

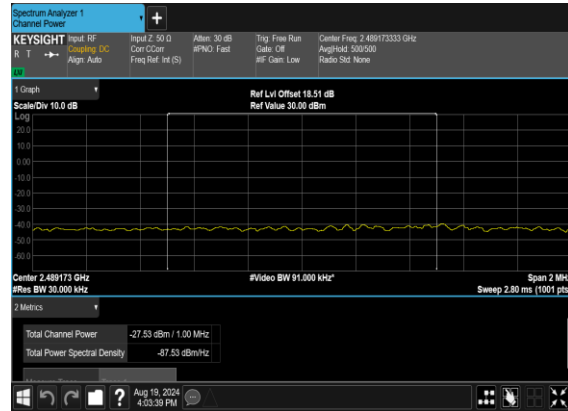




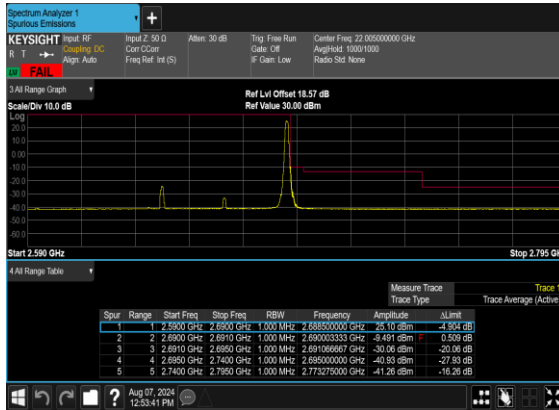
N41(50M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_Low\_CH



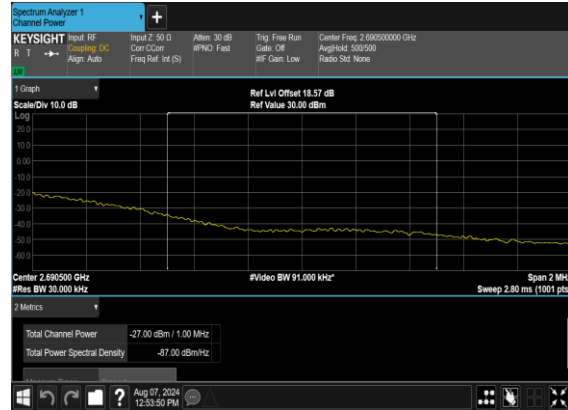
N41(50M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_Low\_CH\_CHP\_PASS



N41(50M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Right\_High\_CH



N41(50M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Right\_High\_CH\_CHP\_P ASS



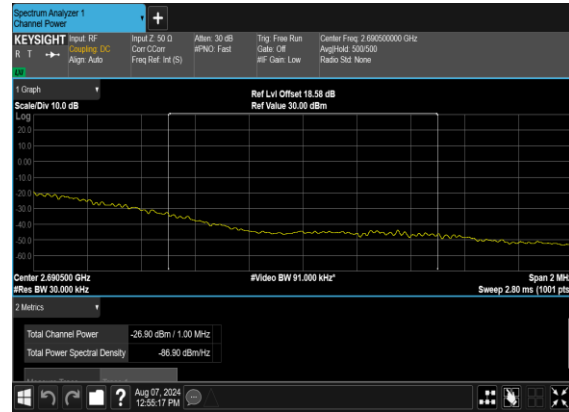




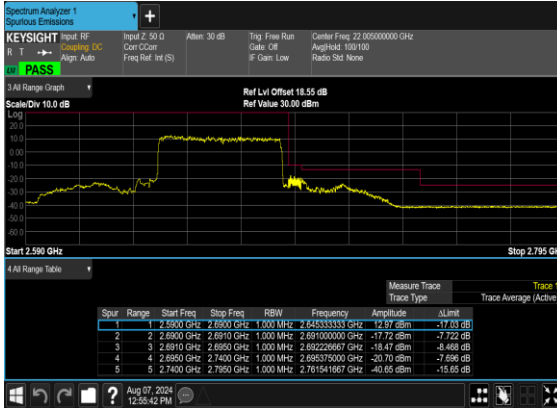
N41(50M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Right\_High\_CH



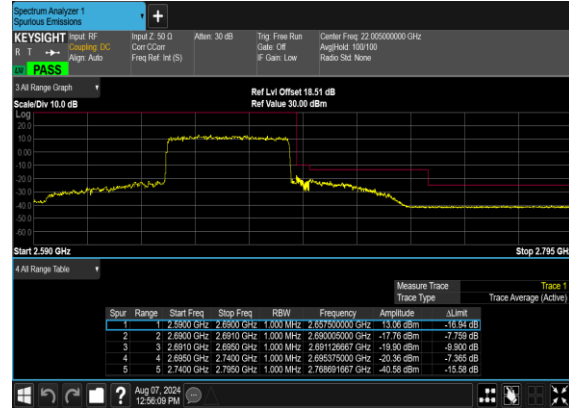
N41(50M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Right\_High\_CH\_CHP\_P ASS



N41(50M)\_DFT-s-OFDM\_BPSK\_Outer\_Full\_High\_CH

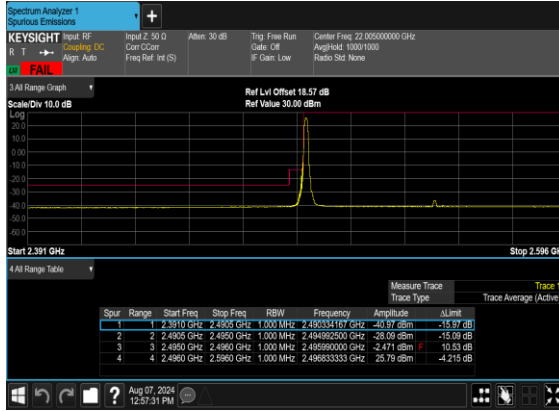


N41(50M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_High\_CH

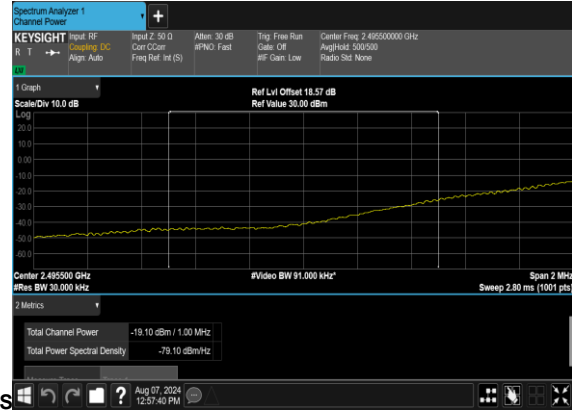




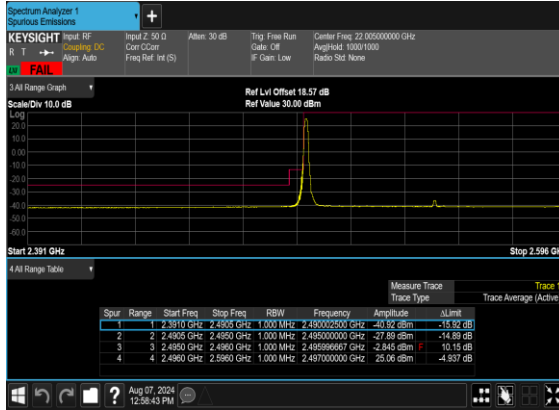
N41(100M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH



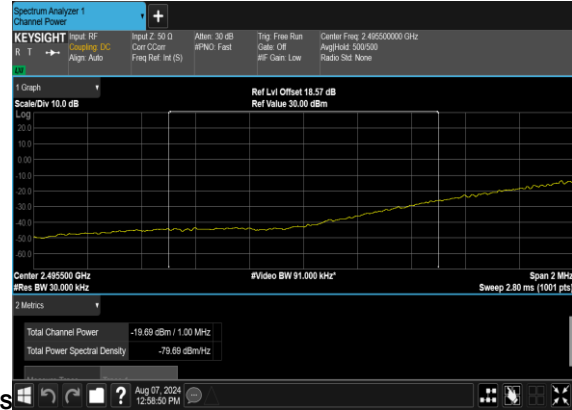
N41(100M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH\_CHP\_PAS



N41(100M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH

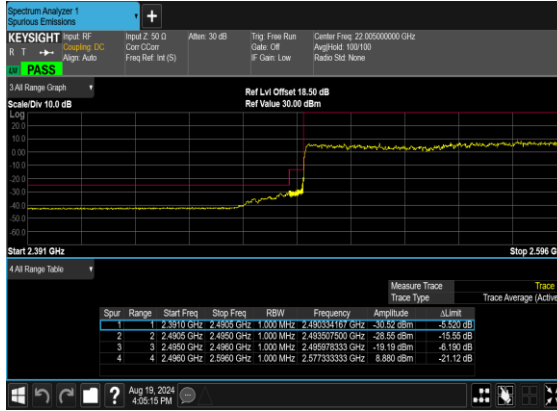


N41(100M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH\_CHP\_PAS

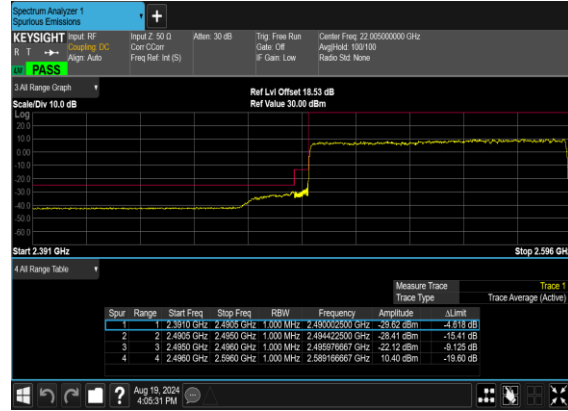




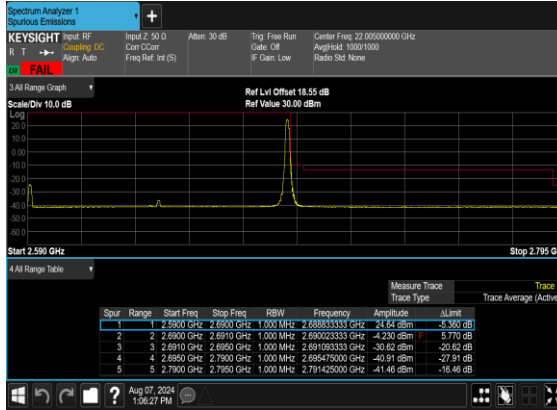
N41(100M)\_DFT-s-OFDM\_BPSK\_Outer\_Full\_Low\_CH



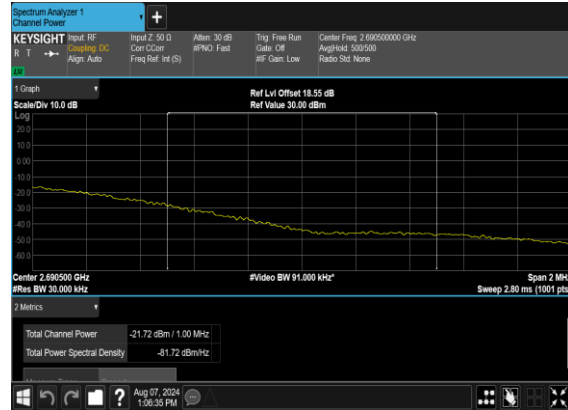
N41(100M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_Low\_CH



N41(100M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Right\_High\_CH



N41(100M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Right\_High\_CH\_CHP\_P ASS

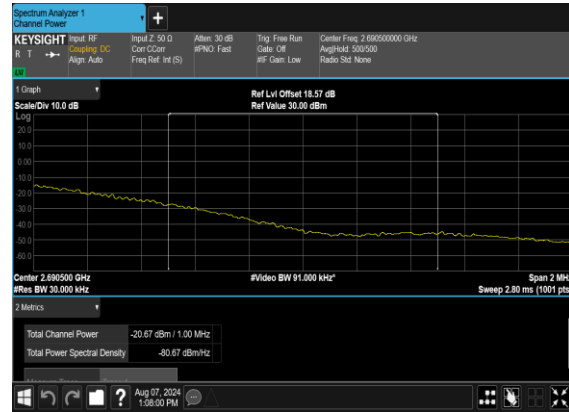




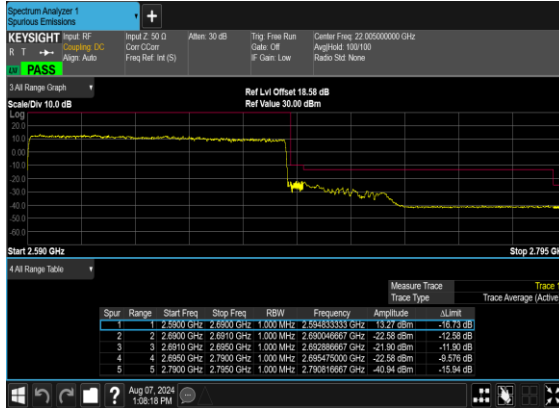
N41(100M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Right\_High\_CH



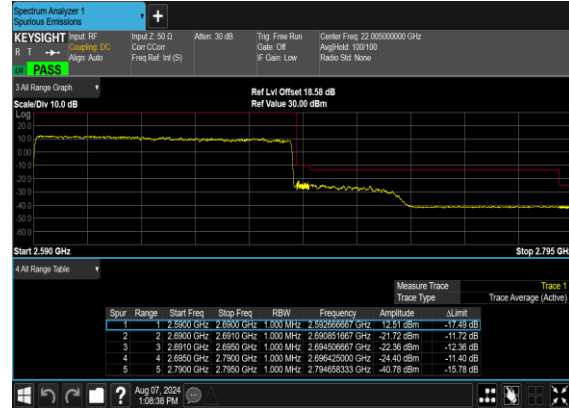
N41(100M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Right\_High\_CH\_CHP\_P ASS



N41(100M)\_DFT-s-OFDM\_BPSK\_Outer\_Full\_High\_CH



N41(100M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_High\_CH





Software Version: 23.06.1602

# FR1 N41 MIMO-ANT(1+8)

## Transmitter Conducted Output Power And EIRP, (G<sub>T</sub> - L<sub>C</sub>)=1.8dB

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	ANT1 Power(dBm)	ANT8 Power(dBm)	Conducted Power(dBm)	EIRP (dBm)	EIRP (W)
41	30	10	500202	2501.01	DFT-s-OFDM QPSK	1@1	24.44	24.7	27.58	29.38	0.8670
41	30	10	500202	2501.01	DFT-s-OFDM 16 QAM	1@1	24.2	24.27	27.25	29.05	0.8035
41	30	10	518598	2592.99	DFT-s-OFDM QPSK	1@1	25.11	25.53	28.34	30.14	1.0328
41	30	10	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	24.75	24.91	27.84	29.64	0.9204
41	30	10	537000	2685	DFT-s-OFDM QPSK	1@1	23.84	24.41	27.14	28.94	0.7834
41	30	10	537000	2685	DFT-s-OFDM 16 QAM	1@1	23.56	24.02	26.81	28.61	0.7261
41	30	15	500700	2503.5	DFT-s-OFDM QPSK	1@1	24.44	24.76	27.61	29.41	0.8730
41	30	15	500700	2503.5	DFT-s-OFDM 16 QAM	1@1	24.24	24.32	27.29	29.09	0.8110
41	30	15	518598	2592.99	DFT-s-OFDM QPSK	1@1	25.07	25.42	28.26	30.06	1.0139
41	30	15	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	24.76	24.85	27.82	29.62	0.9162
41	30	15	536496	2682.48	DFT-s-OFDM QPSK	1@1	23.94	24.44	27.21	29.01	0.7962
41	30	15	536496	2682.48	DFT-s-OFDM 16 QAM	1@1	23.72	24.12	26.93	28.73	0.7464
41	30	20	501204	2506.02	DFT-s-OFDM QPSK	1@1	24.39	24.62	27.52	29.32	0.8551
41	30	20	501204	2506.02	DFT-s-OFDM 16 QAM	1@1	24.12	24.19	27.17	28.97	0.7889
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	1@1	25.1	25.46	28.29	30.09	1.0209
41	30	20	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	24.75	24.92	27.85	29.65	0.9226
41	30	20	535998	2679.99	DFT-s-OFDM QPSK	1@1	23.99	24.47	27.25	29.05	0.8035
41	30	20	535998	2679.99	DFT-s-OFDM 16 QAM	1@1	23.75	24.05	26.91	28.71	0.7430



41	30	25	501702	2508.51	DFT-s-OFDM QPSK	1@1	24.41	24.68	27.56	29.36	0.8630
41	30	25	501702	2508.51	DFT-s-OFDM 16 QAM	1@1	24.23	24.29	27.27	29.07	0.8072
41	30	25	518598	2592.99	DFT-s-OFDM QPSK	1@1	25.09	25.51	28.32	30.12	1.0280
41	30	25	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	24.79	24.8	27.81	29.61	0.9141
41	30	25	535500	2677.5	DFT-s-OFDM QPSK	1@1	24.1	24.49	27.31	29.11	0.8147
41	30	25	535500	2677.5	DFT-s-OFDM 16 QAM	1@1	23.87	24.15	27.02	28.82	0.7621
41	30	30	502200	2511	DFT-s-OFDM QPSK	1@1	24.44	24.75	27.61	29.41	0.8730
41	30	30	502200	2511	DFT-s-OFDM 16 QAM	1@1	24.24	24.3	27.28	29.08	0.8091
41	30	30	518598	2592.99	DFT-s-OFDM QPSK	1@1	25.18	25.56	28.38	30.18	1.0423
41	30	30	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	24.86	24.89	27.89	29.69	0.9311
41	30	30	534996	2674.98	DFT-s-OFDM QPSK	1@1	24.36	24.83	27.61	29.41	0.8730
41	30	30	534996	2674.98	DFT-s-OFDM 16 QAM	1@1	24.11	24.43	27.28	29.08	0.8091
41	30	40	503202	2516.01	DFT-s-OFDM QPSK	1@1	24.4	24.62	27.52	29.32	0.8551
41	30	40	503202	2516.01	DFT-s-OFDM 16 QAM	1@1	24.19	24.23	27.22	29.02	0.7980
41	30	40	518598	2592.99	DFT-s-OFDM QPSK	1@1	25.11	25.48	28.31	30.11	1.0257
41	30	40	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	24.77	24.89	27.84	29.64	0.9204
41	30	40	534000	2670	DFT-s-OFDM QPSK	1@1	24.62	24.99	27.82	29.62	0.9162
41	30	40	534000	2670	DFT-s-OFDM 16 QAM	1@1	24.38	24.54	27.47	29.27	0.8453
41	30	50	504204	2521.02	DFT-s-OFDM QPSK	1@1	24.41	24.75	27.59	29.39	0.8690
41	30	50	504204	2521.02	DFT-s-OFDM 16 QAM	1@1	24.22	24.38	27.31	29.11	0.8147
41	30	50	518598	2592.99	DFT-s-OFDM QPSK	1@1	25.11	25.5	28.32	30.12	1.0280
41	30	50	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	24.79	25	27.91	29.71	0.9354



41	30	50	532998	2664.99	DFT-s-OFDM QPSK	1@1	25.09	25.46	28.29	30.09	1.0209
41	30	50	532998	2664.99	DFT-s-OFDM 16 QAM	1@1	24.75	25	27.89	29.69	0.9311
41	30	60	505200	2526	DFT-s-OFDM QPSK	1@1	24.34	24.66	27.51	29.31	0.8531
41	30	60	505200	2526	DFT-s-OFDM 16 QAM	1@1	24.13	24.24	27.20	29	0.7943
41	30	60	518598	2592.99	DFT-s-OFDM QPSK	1@1	25.02	25.43	28.24	30.04	1.0093
41	30	60	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	24.67	24.91	27.80	29.6	0.9120
41	30	60	531996	2659.98	DFT-s-OFDM QPSK	1@1	24.91	25.43	28.19	29.99	0.9977
41	30	60	531996	2659.98	DFT-s-OFDM 16 QAM	1@1	24.75	24.71	27.74	29.54	0.8995
41	30	70	505200	2531.01	DFT-s-OFDM QPSK	1@1	24.34	24.81	27.59	29.39	0.8690
41	30	70	505200	2531.01	DFT-s-OFDM 16 QAM	1@1	24.13	24.36	27.26	29.06	0.8054
41	30	70	518598	2592.99	DFT-s-OFDM QPSK	1@1	24.92	25.41	28.18	29.98	0.9954
41	30	70	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	24.64	24.82	27.74	29.54	0.8995
41	30	70	531996	2655	DFT-s-OFDM QPSK	1@1	24.93	25.39	28.18	29.98	0.9954
41	30	70	531996	2655	DFT-s-OFDM 16 QAM	1@1	24.93	24.84	27.90	29.7	0.9333
41	30	80	507204	2536.02	DFT-s-OFDM QPSK	1@1	24.34	24.68	27.52	29.32	0.8551
41	30	80	507204	2536.02	DFT-s-OFDM 16 QAM	1@1	24.16	24.39	27.29	29.09	0.8110
41	30	80	518598	2592.99	DFT-s-OFDM QPSK	1@1	24.8	25.3	28.07	29.87	0.9705
41	30	80	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	24.49	24.87	27.69	29.49	0.8892
41	30	80	529998	2649.99	DFT-s-OFDM QPSK	1@1	25.32	25.43	28.39	30.19	1.0447
41	30	80	529998	2649.99	DFT-s-OFDM 16 QAM	1@1	24.9	24.97	27.95	29.75	0.9441
41	30	90	508200	2541	DFT-s-OFDM QPSK	1@1	24.29	24.73	27.53	29.33	0.8570
41	30	90	508200	2541	DFT-s-OFDM 16 QAM	1@1	24.14	24.36	27.26	29.06	0.8054



41	30	90	518598	2592.99	DFT-s-OFDM QPSK	1@1	24.28	24.99	27.66	29.46	0.8831
41	30	90	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	24.13	24.53	27.34	29.14	0.8204
41	30	90	528996	2644.98	DFT-s-OFDM QPSK	1@1	25.06	25.32	28.20	30	1.0000
41	30	90	528996	2644.98	DFT-s-OFDM 16 QAM	1@1	24.65	24.91	27.79	29.59	0.9099
41	30	100	509202	2546.01	DFT-s-OFDM PI/2 BPSK	135@67	24.57	24.95	27.77	29.57	0.9057
41	30	100	509202	2546.01	DFT-s-OFDM PI/2 BPSK	1@1	24.23	24.68	27.47	29.27	0.8453
41	30	100	509202	2546.01	DFT-s-OFDM PI/2 BPSK	1@271	24.92	24.94	27.94	29.74	0.9419
41	30	100	509202	2546.01	DFT-s-OFDM QPSK	135@67	24.69	24.97	27.84	29.64	0.9204
41	30	100	509202	2546.01	DFT-s-OFDM QPSK	1@1	23.92	24.66	27.32	29.12	0.8166
41	30	100	509202	2546.01	DFT-s-OFDM QPSK	1@271	24.91	24.93	27.93	29.73	0.9397
41	30	100	509202	2546.01	DFT-s-OFDM 16 QAM	135@67	24.12	24.55	27.35	29.15	0.8222
41	30	100	509202	2546.01	DFT-s-OFDM 16 QAM	1@1	24.11	24.36	27.25	29.05	0.8035
41	30	100	509202	2546.01	DFT-s-OFDM 16 QAM	1@271	24.42	24.45	27.45	29.25	0.8414
41	30	100	509202	2546.01	DFT-s-OFDM 64 QAM	135@67	23.62	23.37	26.51	28.31	0.6776
41	30	100	509202	2546.01	DFT-s-OFDM 64 QAM	1@1	23.65	23.38	26.53	28.33	0.6808
41	30	100	509202	2546.01	DFT-s-OFDM 64 QAM	1@271	23.19	22.91	26.06	27.86	0.6109
41	30	100	509202	2546.01	DFT-s-OFDM 256 QAM	135@67	21.77	21.47	24.63	26.43	0.4395
41	30	100	509202	2546.01	DFT-s-OFDM 256 QAM	1@1	22.11	21.71	24.92	26.72	0.4699
41	30	100	509202	2546.01	DFT-s-OFDM 256 QAM	1@271	21.12	20.99	24.07	25.87	0.3864
41	30	100	509202	2546.01	CP-OFDM QPSK	137@68	24.29	24.12	27.22	29.02	0.7980
41	30	100	509202	2546.01	CP-OFDM QPSK	1@1	24.02	24.06	27.05	28.85	0.7674
41	30	100	509202	2546.01	CP-OFDM QPSK	1@271	24.03	23.87	26.96	28.76	0.7516
41	30	100	518598	2592.99	DFT-s-OFDM PI/2 BPSK	135@67	25.28	25.49	28.40	30.2	1.0471





41	30	100	518598	2592.99	DFT-s-OFDM PI/2 BPSK	1@1	24.31	25.05	27.71	29.51	0.8933
41	30	100	518598	2592.99	DFT-s-OFDM PI/2 BPSK	1@271	24.6	24.84	27.73	29.53	0.8974
41	30	100	518598	2592.99	DFT-s-OFDM QPSK	135@67	25.22	25.44	28.34	30.14	1.0328
41	30	100	518598	2592.99	DFT-s-OFDM QPSK	1@1	24.18	25.06	27.65	29.45	0.8810
41	30	100	518598	2592.99	DFT-s-OFDM QPSK	1@271	24.62	24.8	27.72	29.52	0.8954
41	30	100	518598	2592.99	DFT-s-OFDM 16 QAM	135@67	24.78	24.86	27.83	29.63	0.9183
41	30	100	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	24.04	24.67	27.38	29.18	0.8279
41	30	100	518598	2592.99	DFT-s-OFDM 16 QAM	1@271	24.05	24.1	27.09	28.89	0.7745
41	30	100	518598	2592.99	DFT-s-OFDM 64 QAM	135@67	23.6	23.49	26.56	28.36	0.6855
41	30	100	518598	2592.99	DFT-s-OFDM 64 QAM	1@1	23.37	23.51	26.45	28.25	0.6683
41	30	100	518598	2592.99	DFT-s-OFDM 64 QAM	1@271	22.72	22.74	25.74	27.54	0.5675
41	30	100	518598	2592.99	DFT-s-OFDM 256 QAM	135@67	21.7	21.61	24.67	26.47	0.4436
41	30	100	518598	2592.99	DFT-s-OFDM 256 QAM	1@1	21.7	21.73	24.73	26.53	0.4498
41	30	100	518598	2592.99	DFT-s-OFDM 256 QAM	1@271	20.68	20.84	23.77	25.57	0.3606
41	30	100	518598	2592.99	CP-OFDM QPSK	137@68	24.37	24.31	27.35	29.15	0.8222
41	30	100	518598	2592.99	CP-OFDM QPSK	1@1	23.98	24.45	27.23	29.03	0.7998
41	30	100	518598	2592.99	CP-OFDM QPSK	1@271	23.76	23.75	26.77	28.57	0.7194
41	30	100	528000	2640	DFT-s-OFDM PI/2 BPSK	135@67	25.18	25.33	28.27	30.07	1.0162
41	30	100	528000	2640	DFT-s-OFDM PI/2 BPSK	1@1	25.15	25.46	28.32	30.12	1.0280
41	30	100	528000	2640	DFT-s-OFDM PI/2 BPSK	1@271	23.87	24.41	27.16	28.96	0.7870
41	30	100	528000	2640	DFT-s-OFDM QPSK	135@67	25.09	25.3	28.21	30.01	1.0023
41	30	100	528000	2640	DFT-s-OFDM QPSK	1@1	25.03	25.49	28.28	30.08	1.0186
41	30	100	528000	2640	DFT-s-OFDM QPSK	1@271	23.84	24.49	27.19	28.99	0.7925



41	30	100	528000	2640	DFT-s-OFDM 16 QAM	135@67	24.71	24.25	27.50	29.3	0.8511
41	30	100	528000	2640	DFT-s-OFDM 16 QAM	1@1	24.75	24.98	27.88	29.68	0.9290
41	30	100	528000	2640	DFT-s-OFDM 16 QAM	1@271	23.53	23.92	26.74	28.54	0.7145
41	30	100	528000	2640	DFT-s-OFDM 64 QAM	135@67	23.5	23.42	26.47	28.27	0.6714
41	30	100	528000	2640	DFT-s-OFDM 64 QAM	1@1	23.62	23.61	26.63	28.43	0.6966
41	30	100	528000	2640	DFT-s-OFDM 64 QAM	1@271	22.51	22.72	25.63	27.43	0.5534
41	30	100	528000	2640	DFT-s-OFDM 256 QAM	135@67	21.52	21.45	24.50	26.3	0.4266
41	30	100	528000	2640	DFT-s-OFDM 256 QAM	1@1	21.82	21.68	24.76	26.56	0.4529
41	30	100	528000	2640	DFT-s-OFDM 256 QAM	1@271	20.56	20.76	23.67	25.47	0.3524
41	30	100	528000	2640	CP-OFDM QPSK	137@68	24.22	24.22	27.23	29.03	0.7998
41	30	100	528000	2640	CP-OFDM QPSK	1@1	24.55	24.47	27.52	29.32	0.8551
41	30	100	528000	2640	CP-OFDM QPSK	1@271	23.39	23.5	26.46	28.26	0.6699



# FR1 N41 MIMO-ANT(1+8)\_ANT1

## 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	0.0050	PASS	NV
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	0.0027	PASS	LV
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	0.0046	PASS	HV
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	0.0049	PASS	-30°C
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	0.0045	PASS	-20°C
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	0.0057	PASS	-10°C
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	0.0029	PASS	0°C
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	0.0061	PASS	10°C
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	0.0050	PASS	20°C
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	0.0021	PASS	30°C
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	0.0051	PASS	40°C
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	0.0054	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	4.07	13	PASS
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	4.75	13	PASS