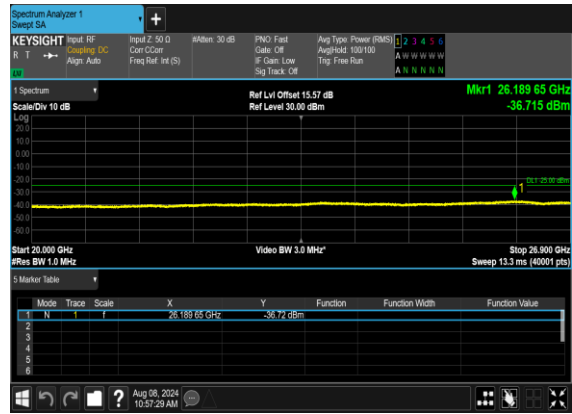




N41(50M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Mid\_CH



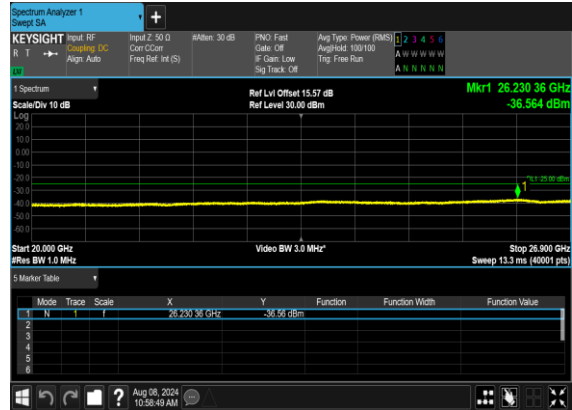
N41(50M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Mid\_CH



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

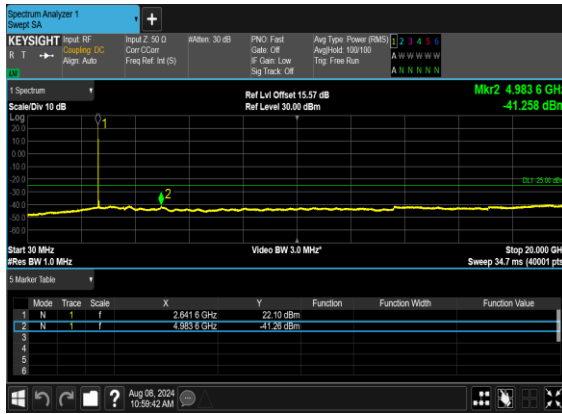


N41(50M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Mid\_CH

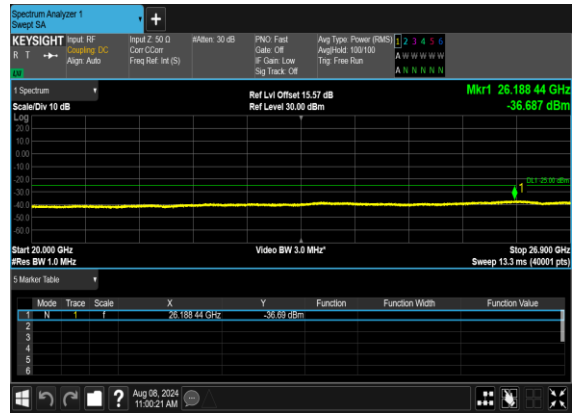




N41(50M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_High\_CH



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



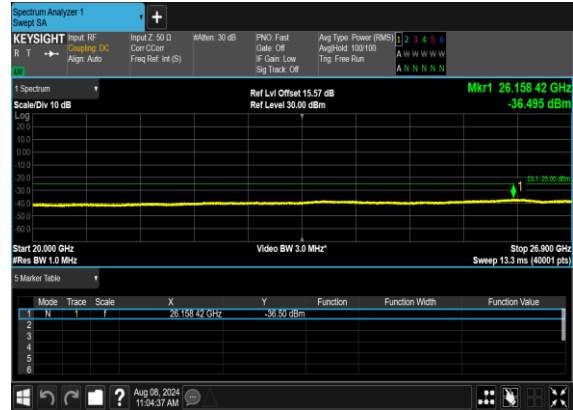
N41(100M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH



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



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

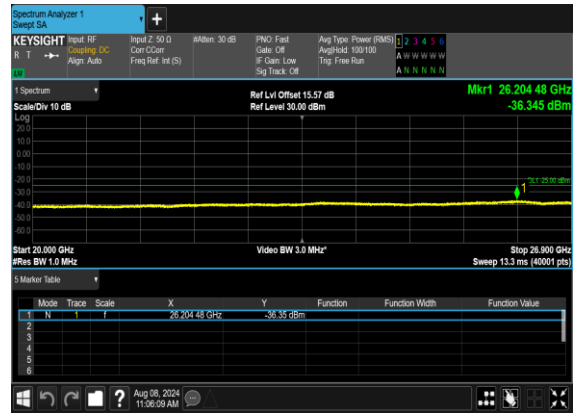




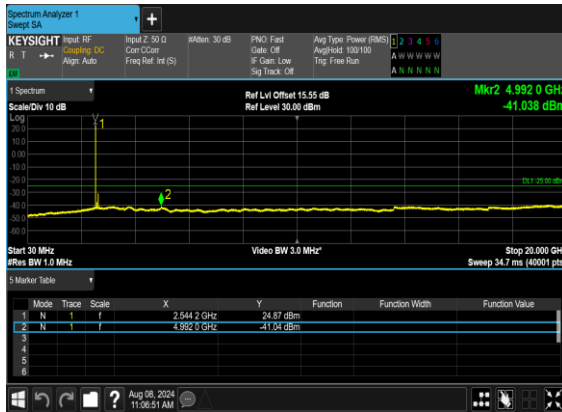
N41(100M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Mid\_CH



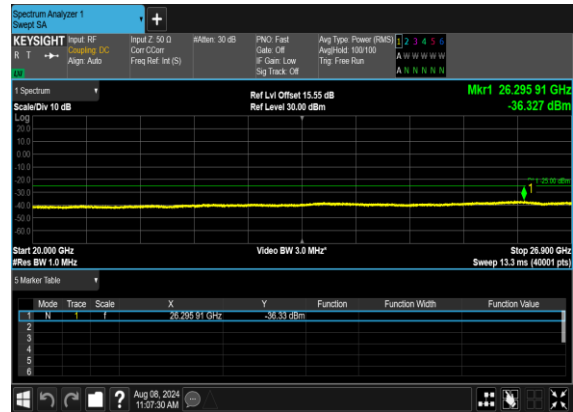
N41(100M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Mid\_CH



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

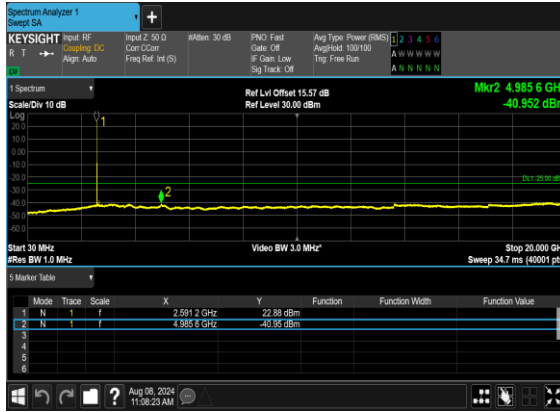


N41(100M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Mid\_CH

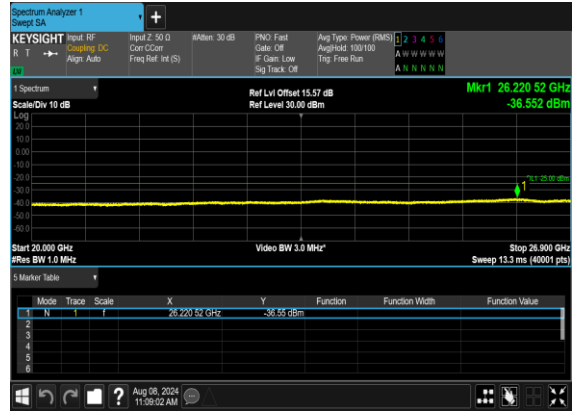




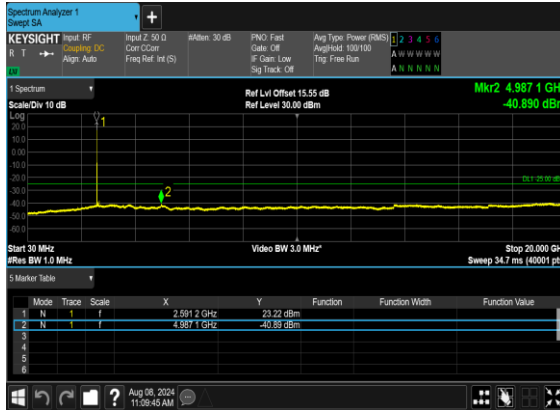
N41(100M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_High\_CH



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

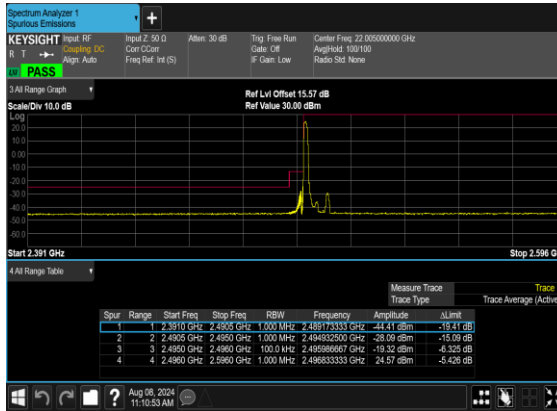
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
41	30	10	500202	2501.01	DFT-s-OFDM BPSK	1@0	see graph	PASS
41	30	10	500202	2501.01	DFT-s-OFDM QPSK	1@0	see graph	PASS
41	30	10	500202	2501.01	DFT-s-OFDM BPSK	24@0	see graph	PASS
41	30	10	500202	2501.01	DFT-s-OFDM QPSK	24@0	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	<b>PASS</b>
41	30	100	528000	2640.0	DFT-s-OFDM QPSK	1@272	see graph	<b>PASS</b>
41	30	100	528000	2640.0	DFT-s-OFDM BPSK	270@0	see graph	<b>PASS</b>
41	30	100	528000	2640.0	DFT-s-OFDM QPSK	270@0	see graph	<b>PASS</b>



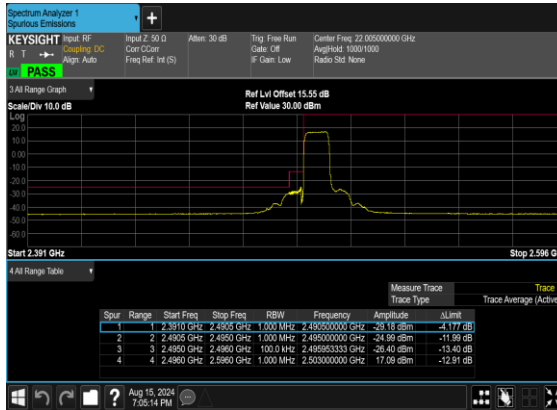
N41(10M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH



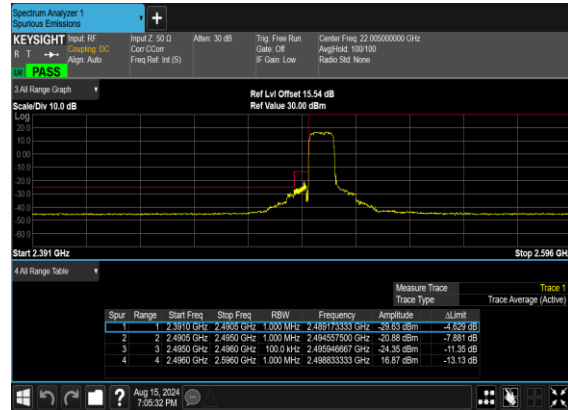
N41(10M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



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



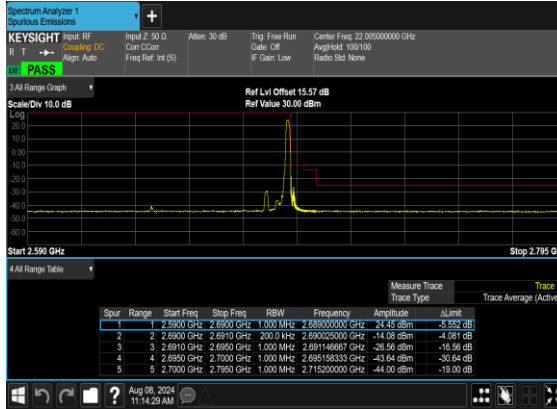
N41(10M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_Low\_CH



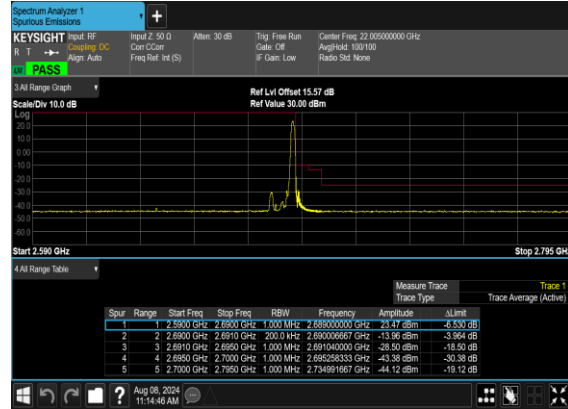




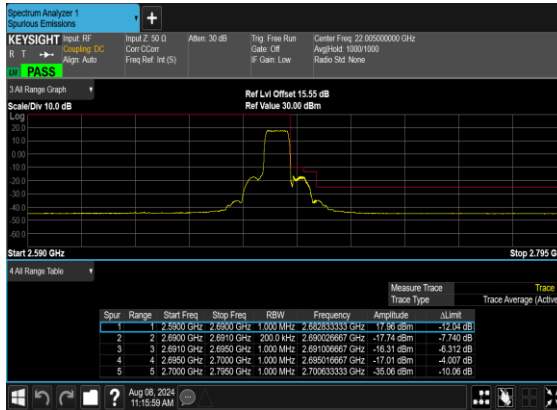
N41(10M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Right\_High\_CH



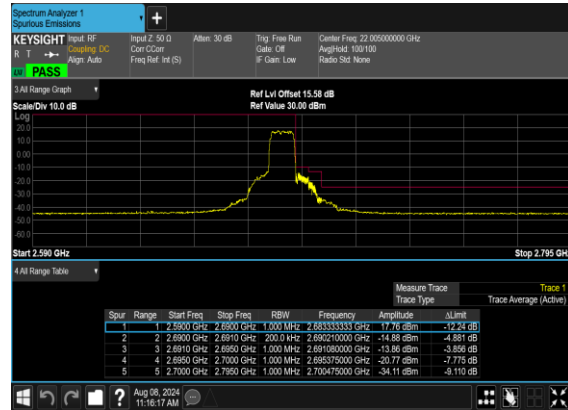
N41(10M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Right\_High\_CH



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

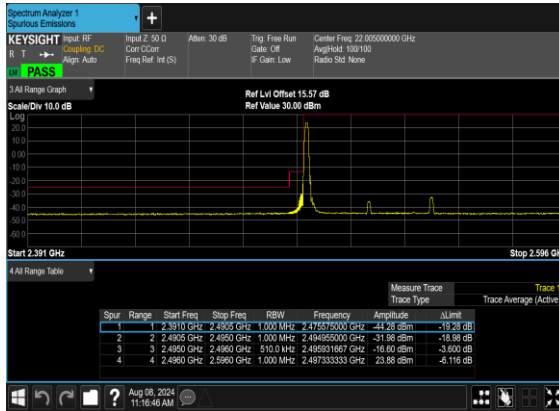


N41(10M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_High\_CH

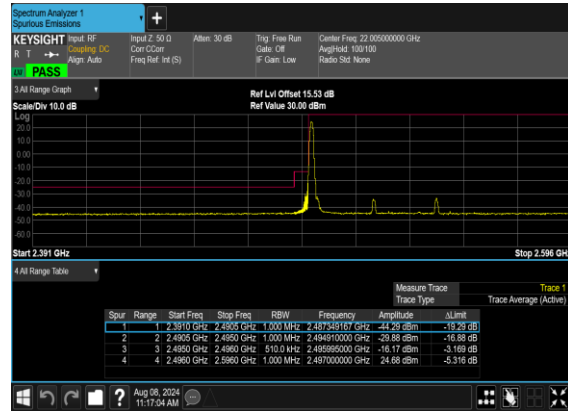




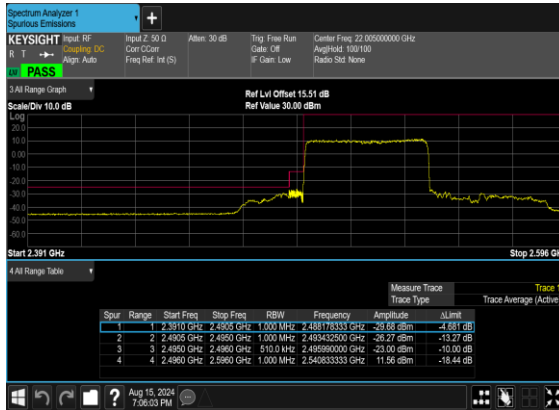
N41(50M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH



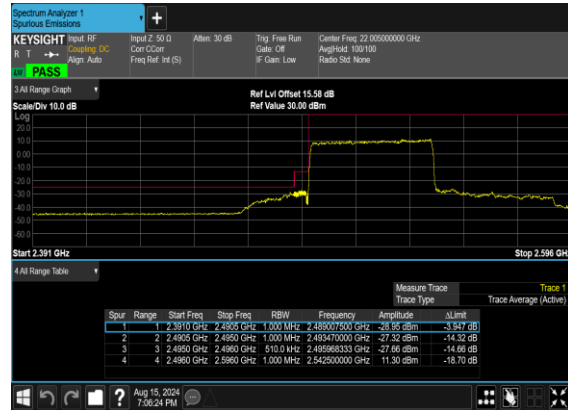
N41(50M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



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

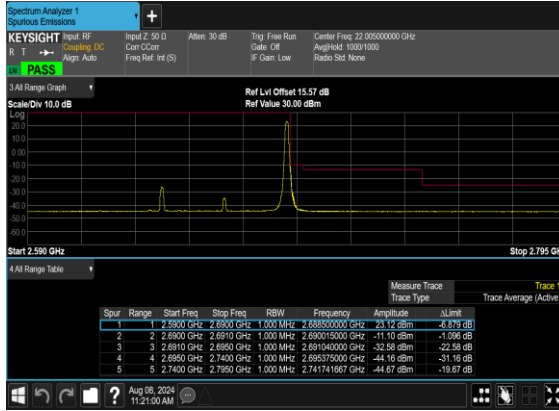


N41(50M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_Low\_CH

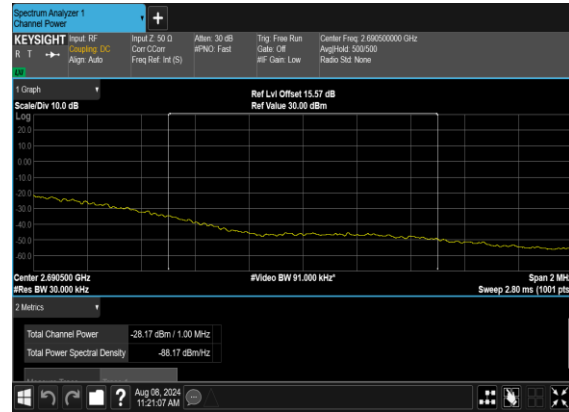




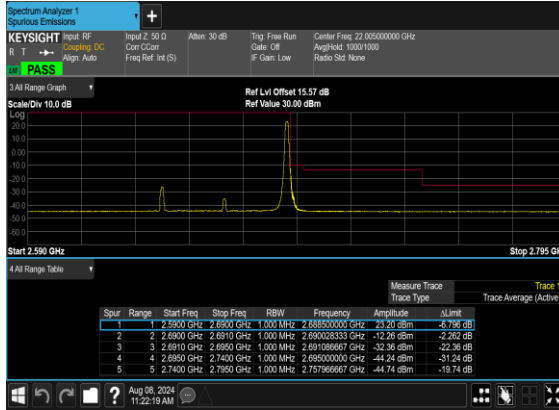
N41(50M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Right\_High\_CH



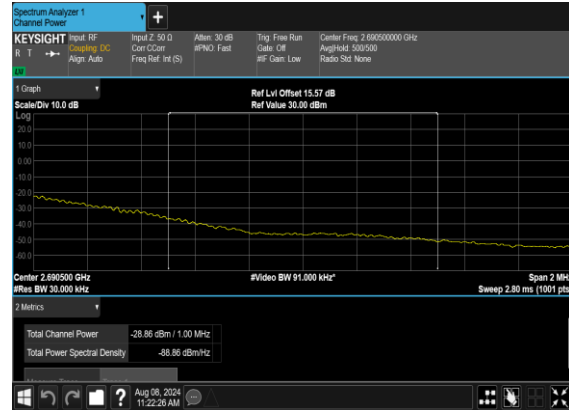
N41(50M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Right\_High\_CH\_CH\_P ASS



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

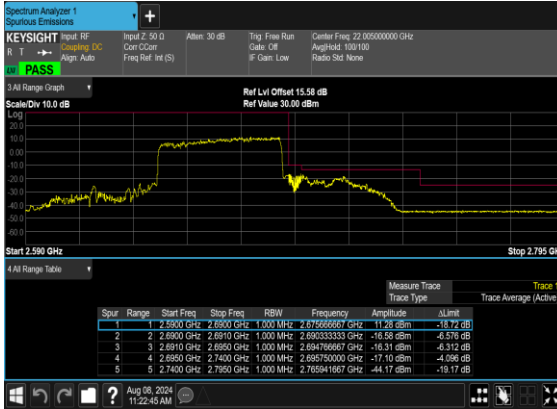


N41(50M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Right\_High\_CH\_CH\_P ASS

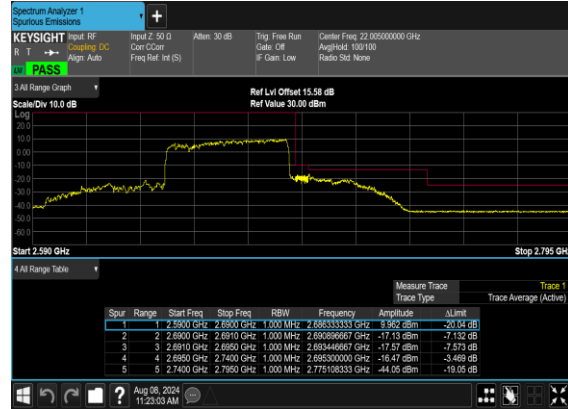




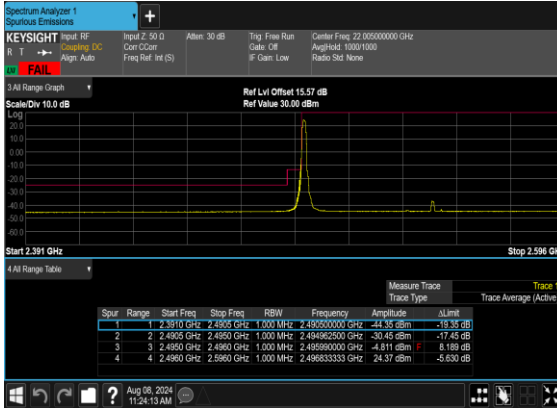
N41(50M)\_DFT-s-OFDM\_BPSK\_Outer\_Full\_High\_CH



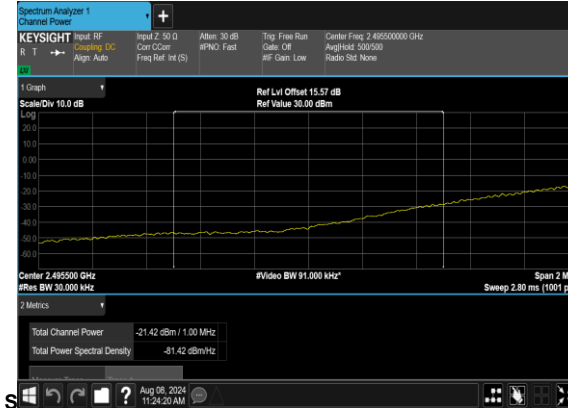
N41(50M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_High\_CH



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

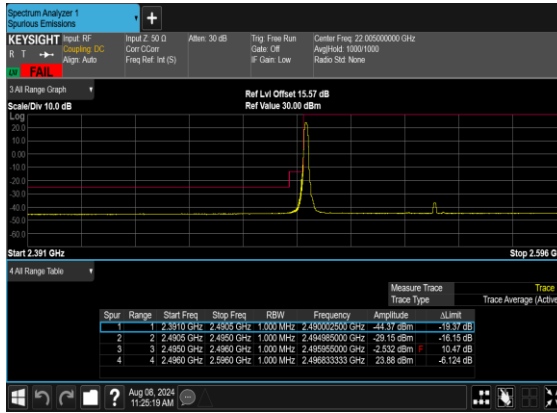


N41(100M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH\_CHP\_PAS

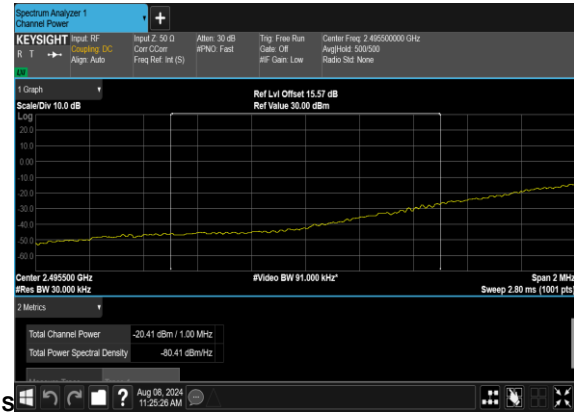




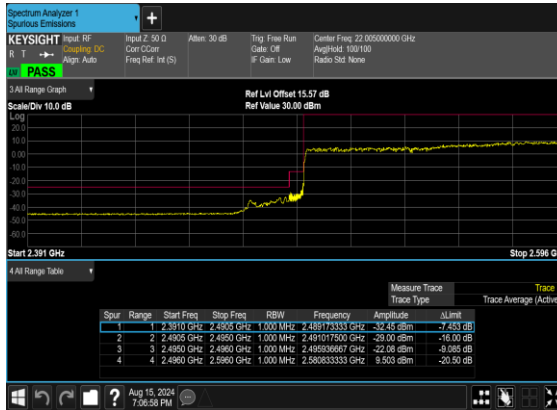
N41(100M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



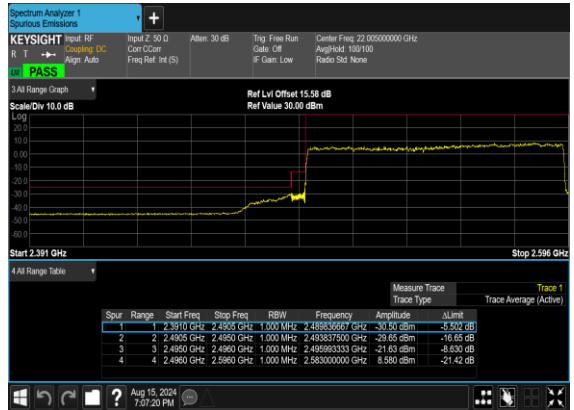
N41(100M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH\_CHP\_PAS



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

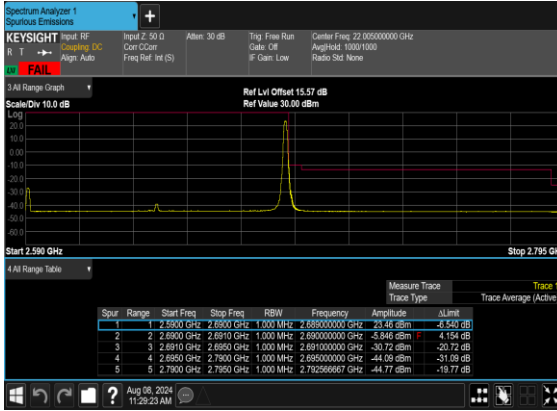


N41(100M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_Low\_CH

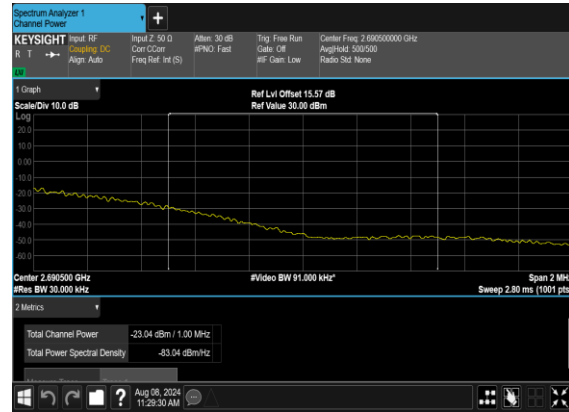




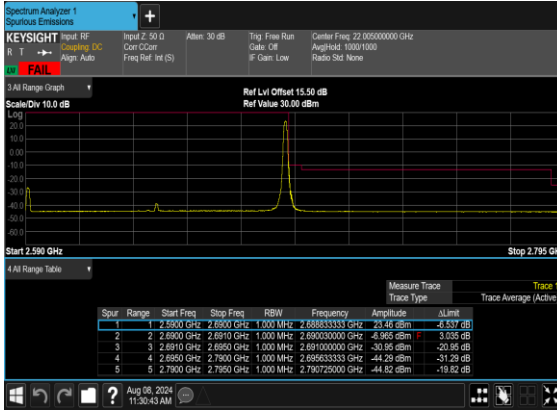
N41(100M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Right\_High\_CH



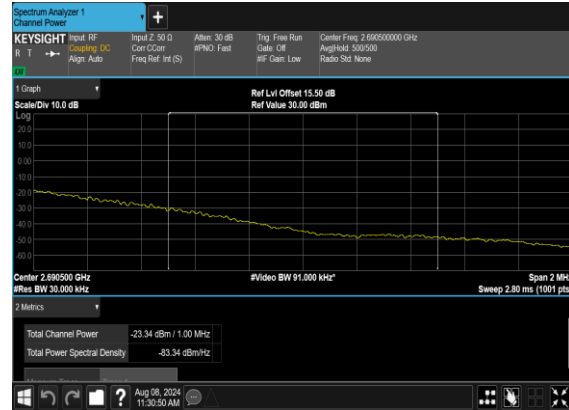
N41(100M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Right\_High\_CH\_CHP\_P ASS



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

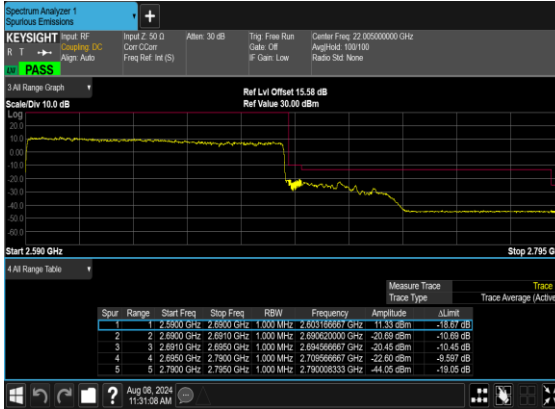


N41(100M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Right\_High\_CH\_CHP\_P ASS

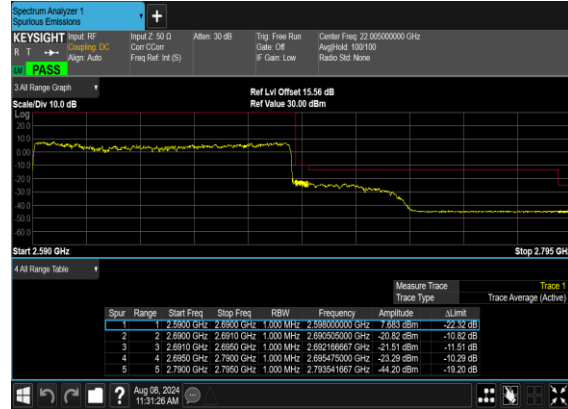




N41(100M)\_DFT-s-OFDM\_BPSK\_Outer\_Full\_High\_CH



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





Software Version: 23.06.1602

# FR1 N41 TXD-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	24.9	25.01	27.97	29.77	0.9484
41	30	10	500202	2501.01	DFT-s-OFDM 16 QAM	1@1	24.58	24.55	27.58	29.38	0.8670
41	30	10	518598	2592.99	DFT-s-OFDM QPSK	1@1	25.28	25.31	28.31	30.11	1.0257
41	30	10	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	24.41	24.28	27.36	29.16	0.8241
41	30	10	537000	2685	DFT-s-OFDM QPSK	1@1	24.6	24.58	27.60	29.4	0.8710
41	30	10	537000	2685	DFT-s-OFDM 16 QAM	1@1	23.87	23.85	26.87	28.67	0.7362
41	30	15	500700	2503.5	DFT-s-OFDM QPSK	1@1	24.76	25.03	27.91	29.71	0.9354
41	30	15	500700	2503.5	DFT-s-OFDM 16 QAM	1@1	24.31	24.38	27.36	29.16	0.8241
41	30	15	518598	2592.99	DFT-s-OFDM QPSK	1@1	25.15	25.34	28.26	30.06	1.0139
41	30	15	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	24.28	24.36	27.33	29.13	0.8185
41	30	15	536496	2682.48	DFT-s-OFDM QPSK	1@1	24.66	24.7	27.69	29.49	0.8892
41	30	15	536496	2682.48	DFT-s-OFDM 16 QAM	1@1	23.93	24.01	26.98	28.78	0.7551
41	30	20	501204	2506.02	DFT-s-OFDM QPSK	1@1	24.74	24.91	27.84	29.64	0.9204
41	30	20	501204	2506.02	DFT-s-OFDM 16 QAM	1@1	24.28	24.24	27.27	29.07	0.8072
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	1@1	25.15	25.34	28.26	30.06	1.0139
41	30	20	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	24.38	24.42	27.41	29.21	0.8337
41	30	20	535998	2679.99	DFT-s-OFDM QPSK	1@1	24.74	24.62	27.69	29.49	0.8892
41	30	20	535998	2679.99	DFT-s-OFDM 16 QAM	1@1	24.05	23.92	27.00	28.8	0.7586





41	30	25	501702	2508.51	DFT-s-OFDM QPSK	1@1	24.75	24.85	27.81	29.61	0.9141
41	30	25	501702	2508.51	DFT-s-OFDM 16 QAM	1@1	24.4	24.37	27.40	29.2	0.8318
41	30	25	518598	2592.99	DFT-s-OFDM QPSK	1@1	25.25	25.36	28.32	30.12	1.0280
41	30	25	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	24.41	24.57	27.50	29.3	0.8511
41	30	25	535500	2677.5	DFT-s-OFDM QPSK	1@1	24.67	24.59	27.64	29.44	0.8790
41	30	25	535500	2677.5	DFT-s-OFDM 16 QAM	1@1	24	23.91	26.97	28.77	0.7534
41	30	30	502200	2511	DFT-s-OFDM QPSK	1@1	24.87	25	27.95	29.75	0.9441
41	30	30	502200	2511	DFT-s-OFDM 16 QAM	1@1	24.36	24.46	27.42	29.22	0.8356
41	30	30	518598	2592.99	DFT-s-OFDM QPSK	1@1	25.33	25.34	28.35	30.15	1.0351
41	30	30	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	24.53	24.65	27.60	29.4	0.8710
41	30	30	534996	2674.98	DFT-s-OFDM QPSK	1@1	24.99	24.98	28.00	29.8	0.9550
41	30	30	534996	2674.98	DFT-s-OFDM 16 QAM	1@1	24.4	24.3	27.36	29.16	0.8241
41	30	40	503202	2516.01	DFT-s-OFDM QPSK	1@1	24.81	24.89	27.86	29.66	0.9247
41	30	40	503202	2516.01	DFT-s-OFDM 16 QAM	1@1	24.4	24.34	27.38	29.18	0.8279
41	30	40	518598	2592.99	DFT-s-OFDM QPSK	1@1	25.15	25.33	28.25	30.05	1.0116
41	30	40	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	24.53	24.63	27.59	29.39	0.8690
41	30	40	534000	2670	DFT-s-OFDM QPSK	1@1	25.13	24.91	28.03	29.83	0.9616
41	30	40	534000	2670	DFT-s-OFDM 16 QAM	1@1	24.47	24.27	27.38	29.18	0.8279
41	30	50	504204	2521.02	DFT-s-OFDM QPSK	1@1	24.75	24.96	27.87	29.67	0.9268
41	30	50	504204	2521.02	DFT-s-OFDM 16 QAM	1@1	24.49	24.54	27.53	29.33	0.8570
41	30	50	518598	2592.99	DFT-s-OFDM QPSK	1@1	25.29	25.44	28.38	30.18	1.0423
41	30	50	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	24.58	24.58	27.59	29.39	0.8690



41	30	50	532998	2664.99	DFT-s-OFDM QPSK	1@1	25.43	25.28	28.37	30.17	1.0399
41	30	50	532998	2664.99	DFT-s-OFDM 16 QAM	1@1	24.5	24.47	27.50	29.3	0.8511
41	30	60	505200	2526	DFT-s-OFDM QPSK	1@1	24.72	24.91	27.83	29.63	0.9183
41	30	60	505200	2526	DFT-s-OFDM 16 QAM	1@1	24.37	24.47	27.43	29.23	0.8375
41	30	60	518598	2592.99	DFT-s-OFDM QPSK	1@1	25.31	25.43	28.38	30.18	1.0423
41	30	60	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	24.37	24.55	27.47	29.27	0.8453
41	30	60	531996	2659.98	DFT-s-OFDM QPSK	1@1	25.2	25.13	28.18	29.98	0.9954
41	30	60	531996	2659.98	DFT-s-OFDM 16 QAM	1@1	24.43	24.36	27.41	29.21	0.8337
41	30	70	505200	2531.01	DFT-s-OFDM QPSK	1@1	24.8	24.9	27.86	29.66	0.9247
41	30	70	505200	2531.01	DFT-s-OFDM 16 QAM	1@1	24.56	24.65	27.62	29.42	0.8750
41	30	70	518598	2592.99	DFT-s-OFDM QPSK	1@1	25.17	25.32	28.26	30.06	1.0139
41	30	70	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	24.64	24.78	27.72	29.52	0.8954
41	30	70	531996	2655	DFT-s-OFDM QPSK	1@1	25.25	25.21	28.24	30.04	1.0093
41	30	70	531996	2655	DFT-s-OFDM 16 QAM	1@1	24.65	24.67	27.67	29.47	0.8851
41	30	80	507204	2536.02	DFT-s-OFDM QPSK	1@1	24.67	25.09	27.90	29.7	0.9333
41	30	80	507204	2536.02	DFT-s-OFDM 16 QAM	1@1	24.33	24.5	27.43	29.23	0.8375
41	30	80	518598	2592.99	DFT-s-OFDM QPSK	1@1	25.1	25.18	28.15	29.95	0.9886
41	30	80	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	24.64	24.66	27.66	29.46	0.8831
41	30	80	529998	2649.99	DFT-s-OFDM QPSK	1@1	25.44	25.23	28.35	30.15	1.0351
41	30	80	529998	2649.99	DFT-s-OFDM 16 QAM	1@1	24.54	24.42	27.49	29.29	0.8492
41	30	90	508200	2541	DFT-s-OFDM QPSK	1@1	24.8	25.03	27.93	29.73	0.9397
41	30	90	508200	2541	DFT-s-OFDM 16 QAM	1@1	24.41	24.55	27.49	29.29	0.8492



41	30	90	518598	2592.99	DFT-s-OFDM QPSK	1@1	24.93	25.37	28.17	29.97	0.9931
41	30	90	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	24.53	24.69	27.62	29.42	0.8750
41	30	90	528996	2644.98	DFT-s-OFDM QPSK	1@1	25.31	25.43	28.38	30.18	1.0423
41	30	90	528996	2644.98	DFT-s-OFDM 16 QAM	1@1	24.8	25.16	27.99	29.79	0.9528
V	30	100	509202	2546.01	DFT-s-OFDM PI/2 BPSK	135@67	24.94	25.13	28.05	29.85	0.9661
41	30	100	509202	2546.01	DFT-s-OFDM PI/2 BPSK	1@1	24.68	24.8	27.75	29.55	0.9016
41	30	100	509202	2546.01	DFT-s-OFDM PI/2 BPSK	1@271	24.84	24.85	27.86	29.66	0.9247
41	30	100	509202	2546.01	DFT-s-OFDM QPSK	135@67	24.93	25.13	28.04	29.84	0.9638
41	30	100	509202	2546.01	DFT-s-OFDM QPSK	1@1	24.78	24.9	27.85	29.65	0.9226
41	30	100	509202	2546.01	DFT-s-OFDM QPSK	1@271	24.78	24.82	27.81	29.61	0.9141
41	30	100	509202	2546.01	DFT-s-OFDM 16 QAM	135@67	24.48	24.23	27.37	29.17	0.8260
41	30	100	509202	2546.01	DFT-s-OFDM 16 QAM	1@1	24.27	24.36	27.33	29.13	0.8185
41	30	100	509202	2546.01	DFT-s-OFDM 16 QAM	1@271	23.77	23.88	26.84	28.64	0.7311
41	30	100	509202	2546.01	DFT-s-OFDM 64 QAM	135@67	22.96	22.84	25.91	27.71	0.5902
41	30	100	509202	2546.01	DFT-s-OFDM 64 QAM	1@1	23.15	23.17	26.17	27.97	0.6266
41	30	100	509202	2546.01	DFT-s-OFDM 64 QAM	1@271	22.18	22.26	25.23	27.03	0.5047
41	30	100	509202	2546.01	DFT-s-OFDM 256 QAM	135@67	21.02	21.03	24.04	25.84	0.3837
41	30	100	509202	2546.01	DFT-s-OFDM 256 QAM	1@1	21.36	21.37	24.38	26.18	0.4150
41	30	100	509202	2546.01	DFT-s-OFDM 256 QAM	1@271	20.37	20.31	23.35	25.15	0.3273
41	30	100	509202	2546.01	CP-OFDM QPSK	137@68	23.77	23.65	26.72	28.52	0.7112
41	30	100	509202	2546.01	CP-OFDM QPSK	1@1	24.13	23.95	27.05	28.85	0.7674
41	30	100	509202	2546.01	CP-OFDM QPSK	1@271	23.4	23.47	26.45	28.25	0.6683
41	30	100	518598	2592.99	DFT-s-OFDM PI/2 BPSK	135@67	25.22	25.18	28.21	30.01	1.0023



41	30	100	518598	2592.99	DFT-s-OFDM PI/2 BPSK	1@1	24.83	25.11	27.98	29.78	0.9506
41	30	100	518598	2592.99	DFT-s-OFDM PI/2 BPSK	1@271	24.25	24.37	27.32	29.12	0.8166
41	30	100	518598	2592.99	DFT-s-OFDM QPSK	135@67	25.01	25.27	28.15	29.95	0.9886
41	30	100	518598	2592.99	DFT-s-OFDM QPSK	1@1	24.8	25.29	28.06	29.86	0.9683
41	30	100	518598	2592.99	DFT-s-OFDM QPSK	1@271	24.32	24.41	27.38	29.18	0.8279
41	30	100	518598	2592.99	DFT-s-OFDM 16 QAM	135@67	24.24	24.15	27.21	29.01	0.7962
41	30	100	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	24.54	24.64	27.60	29.4	0.8710
41	30	100	518598	2592.99	DFT-s-OFDM 16 QAM	1@271	23.49	23.45	26.48	28.28	0.6730
41	30	100	518598	2592.99	DFT-s-OFDM 64 QAM	135@67	22.76	22.71	25.75	27.55	0.5689
41	30	100	518598	2592.99	DFT-s-OFDM 64 QAM	1@1	23.02	23.07	26.06	27.86	0.6109
41	30	100	518598	2592.99	DFT-s-OFDM 64 QAM	1@271	22.01	22.01	25.02	26.82	0.4808
41	30	100	518598	2592.99	DFT-s-OFDM 256 QAM	135@67	20.88	20.92	23.91	25.71	0.3724
41	30	100	518598	2592.99	DFT-s-OFDM 256 QAM	1@1	20.89	21.16	24.04	25.84	0.3837
41	30	100	518598	2592.99	DFT-s-OFDM 256 QAM	1@271	19.82	19.79	22.82	24.62	0.2897
41	30	100	518598	2592.99	CP-OFDM QPSK	137@68	23.56	23.54	26.56	28.36	0.6855
41	30	100	518598	2592.99	CP-OFDM QPSK	1@1	23.87	23.88	26.89	28.69	0.7396
41	30	100	518598	2592.99	CP-OFDM QPSK	1@271	22.99	22.84	25.93	27.73	0.5929
41	30	100	528000	2640	DFT-s-OFDM PI/2 BPSK	135@67	24.98	25.06	28.03	29.83	0.9616
41	30	100	528000	2640	DFT-s-OFDM PI/2 BPSK	1@1	25.29	25.39	28.35	30.15	1.0351
41	30	100	528000	2640	DFT-s-OFDM PI/2 BPSK	1@271	24.04	24.36	27.21	29.01	0.7962
41	30	100	528000	2640	DFT-s-OFDM QPSK	135@67	25.07	25.06	28.08	29.88	0.9727
41	30	100	528000	2640	DFT-s-OFDM QPSK	1@1	25.38	25.44	28.42	30.22	1.0520
41	30	100	528000	2640	DFT-s-OFDM QPSK	1@271	24.44	24.15	27.31	29.11	0.8147



41	30	100	528000	2640	DFT-s-OFDM 16 QAM	135@67	24.13	23.93	27.04	28.84	0.7656
41	30	100	528000	2640	DFT-s-OFDM 16 QAM	1@1	24.67	24.78	27.74	29.54	0.8995
41	30	100	528000	2640	DFT-s-OFDM 16 QAM	1@271	23.34	23.52	26.44	28.24	0.6668
41	30	100	528000	2640	DFT-s-OFDM 64 QAM	135@67	22.67	22.69	25.69	27.49	0.5610
41	30	100	528000	2640	DFT-s-OFDM 64 QAM	1@1	23.05	23.01	26.04	27.84	0.6081
41	30	100	528000	2640	DFT-s-OFDM 64 QAM	1@271	21.88	21.91	24.91	26.71	0.4688
41	30	100	528000	2640	DFT-s-OFDM 256 QAM	135@67	20.76	20.74	23.76	25.56	0.3597
41	30	100	528000	2640	DFT-s-OFDM 256 QAM	1@1	21.14	21	24.08	25.88	0.3873
41	30	100	528000	2640	DFT-s-OFDM 256 QAM	1@271	19.84	19.99	22.93	24.73	0.2972
41	30	100	528000	2640	CP-OFDM QPSK	137@68	23.48	23.51	26.51	28.31	0.6776
41	30	100	528000	2640	CP-OFDM QPSK	1@1	23.98	24.04	27.02	28.82	0.7621
41	30	100	528000	2640	CP-OFDM QPSK	1@271	22.93	22.93	25.94	27.74	0.5943



# FR1 N41 TXD-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	0.0052	PASS	NV
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	0.0057	PASS	LV
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	0.0026	PASS	HV
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	0.0055	PASS	-30°C
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	0.0051	PASS	-20°C
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	0.0043	PASS	-10°C
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	0.0032	PASS	0°C
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	0.0032	PASS	10°C
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	0.0052	PASS	20°C
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	0.0043	PASS	30°C
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	0.0041	PASS	40°C
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	0.0026	PASS	50°C



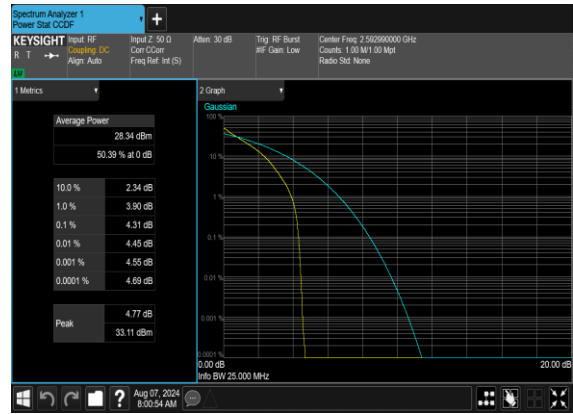
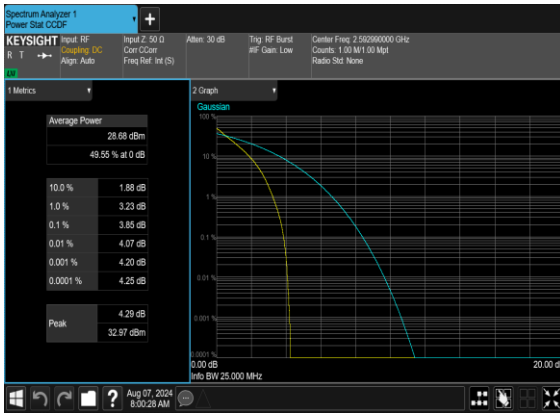
### Peak to Average Ratio

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	3.85	13	PASS
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	4.31	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	8.5931	9.699
41	30	10	518598	2592.99	CP-OFDM 16 QAM	24@0	8.5925	9.66
41	30	10	518598	2592.99	CP-OFDM 64 QAM	24@0	8.579	9.85
41	30	10	518598	2592.99	CP-OFDM 256 QAM	24@0	8.5365	9.464
41	30	15	518598	2592.99	CP-OFDM QPSK	38@0	13.588	14.83
41	30	15	518598	2592.99	CP-OFDM 16 QAM	38@0	13.58	14.9
41	30	15	518598	2592.99	CP-OFDM 64 QAM	38@0	13.63	14.9
41	30	15	518598	2592.99	CP-OFDM 256 QAM	38@0	13.552	14.88
41	30	20	518598	2592.99	CP-OFDM QPSK	51@0	18.173	19.29
41	30	20	518598	2592.99	CP-OFDM 16 QAM	51@0	18.303	19.47
41	30	20	518598	2592.99	CP-OFDM 64 QAM	51@0	18.302	19.13
41	30	20	518598	2592.99	CP-OFDM 256 QAM	51@0	18.179	19.18
41	30	25	518598	2592.99	CP-OFDM QPSK	65@0	23.246	24.59
41	30	25	518598	2592.99	CP-OFDM 16 QAM	65@0	23.223	24.49
41	30	25	518598	2592.99	CP-OFDM 64 QAM	65@0	23.183	25.04
41	30	25	518598	2592.99	CP-OFDM 256 QAM	65@0	23.286	24.5
41	30	30	518598	2592.99	CP-OFDM QPSK	78@0	27.884	29.74
41	30	30	518598	2592.99	CP-OFDM 16 QAM	78@0	27.879	28.79
41	30	30	518598	2592.99	CP-OFDM 64 QAM	78@0	27.815	29.62
41	30	30	518598	2592.99	CP-OFDM 256 QAM	78@0	27.93	29.1
41	30	40	518598	2592.99	CP-OFDM QPSK	106@0	37.813	39.7
41	30	40	518598	2592.99	CP-OFDM 16 QAM	106@0	37.854	39.46



41	30	40	518598	2592.99	CP-OFDM 64 QAM	106@0	37.823	39.45
41	30	40	518598	2592.99	CP-OFDM 256 QAM	106@0	37.909	39.28
41	30	50	518598	2592.99	CP-OFDM QPSK	133@0	47.536	49.28
41	30	50	518598	2592.99	CP-OFDM 16 QAM	133@0	47.51	49.04
41	30	50	518598	2592.99	CP-OFDM 64 QAM	133@0	47.484	49.29
41	30	50	518598	2592.99	CP-OFDM 256 QAM	133@0	47.476	49.24
41	30	60	518598	2592.99	CP-OFDM QPSK	162@0	57.83	59.91
41	30	60	518598	2592.99	CP-OFDM 16 QAM	162@0	57.686	59.96
41	30	60	518598	2592.99	CP-OFDM 64 QAM	162@0	57.878	59.78
41	30	60	518598	2592.99	CP-OFDM 256 QAM	162@0	57.827	59.76
41	30	70	518598	2592.99	CP-OFDM QPSK	189@0	67.472	69.85
41	30	70	518598	2592.99	CP-OFDM 16 QAM	189@0	67.563	70.02
41	30	70	518598	2592.99	CP-OFDM 64 QAM	189@0	67.668	70.17
41	30	70	518598	2592.99	CP-OFDM 256 QAM	189@0	67.588	69.63
41	30	80	518598	2592.99	CP-OFDM QPSK	217@0	77.587	79.94
41	30	80	518598	2592.99	CP-OFDM 16 QAM	217@0	77.473	79.91
41	30	80	518598	2592.99	CP-OFDM 64 QAM	217@0	77.418	80.13
41	30	80	518598	2592.99	CP-OFDM 256 QAM	217@0	77.386	79.98
41	30	90	518598	2592.99	CP-OFDM QPSK	245@0	87.589	90.21
41	30	90	518598	2592.99	CP-OFDM 16 QAM	245@0	87.448	90.33
41	30	90	518598	2592.99	CP-OFDM 64 QAM	245@0	87.27	90.1
41	30	90	518598	2592.99	CP-OFDM 256 QAM	245@0	87.358	90.38
41	30	100	518598	2592.99	CP-OFDM QPSK	273@0	97.616	100.6
41	30	100	518598	2592.99	CP-OFDM 16 QAM	273@0	97.514	100.5
41	30	100	518598	2592.99	CP-OFDM 64 QAM	273@0	97.53	100.3



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41	30	100	518598	2592.99	CP-OFDM 256 QAM	273@0	97.311	100.5
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N41(10M)\_CP-OFDM\_QPSK\_Outer\_Full\_Mid\_CH



N41(10M)\_CP-OFDM\_16QAM\_Outer\_Full\_Mid\_CH



N41(10M)\_CP-OFDM\_64QAM\_Outer\_Full\_Mid\_CH



N41(10M)\_CP-OFDM\_256QAM\_Outer\_Full\_Mid\_CH

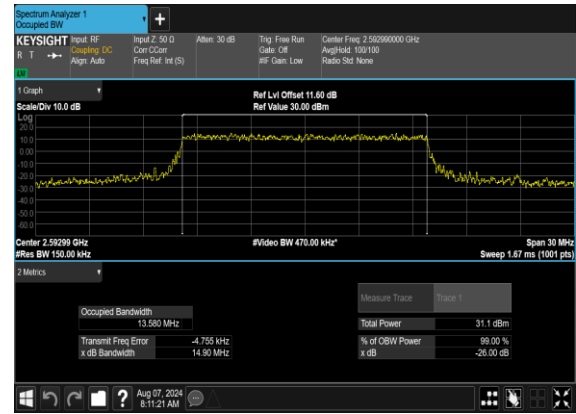




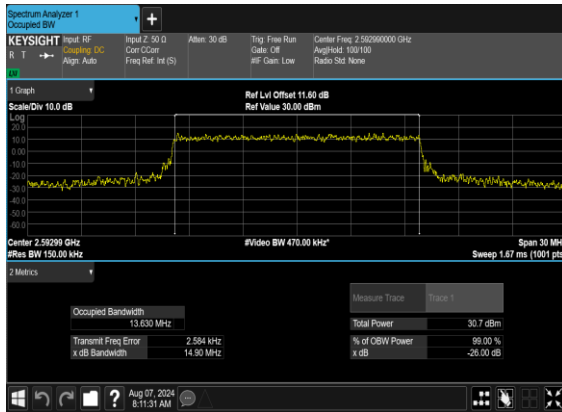
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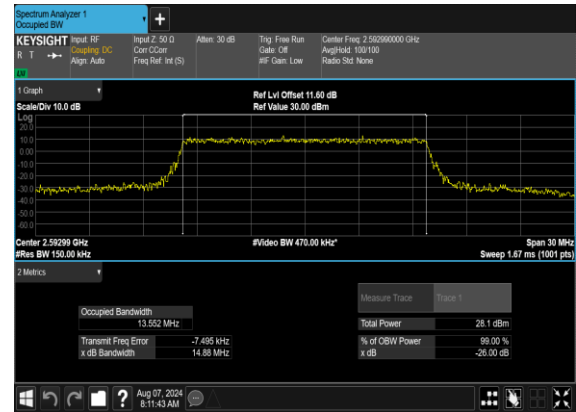
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N41(15M)\_CP-OFDM\_64QAM\_Outer\_Full\_Mid\_CH

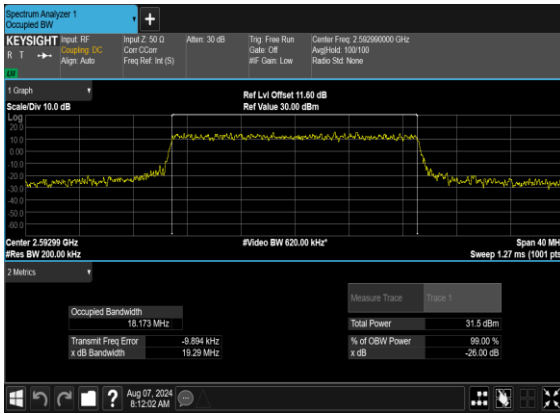


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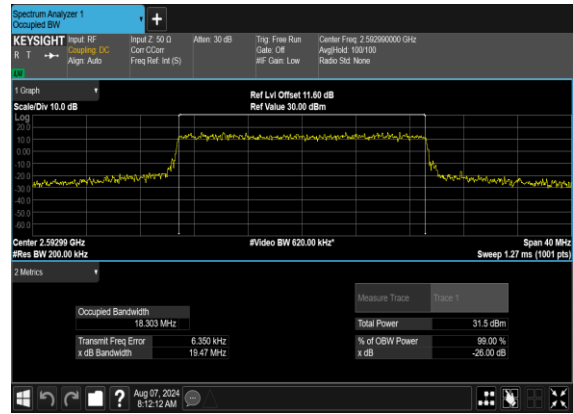




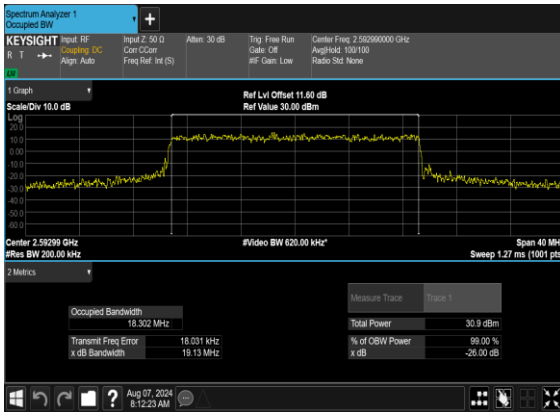
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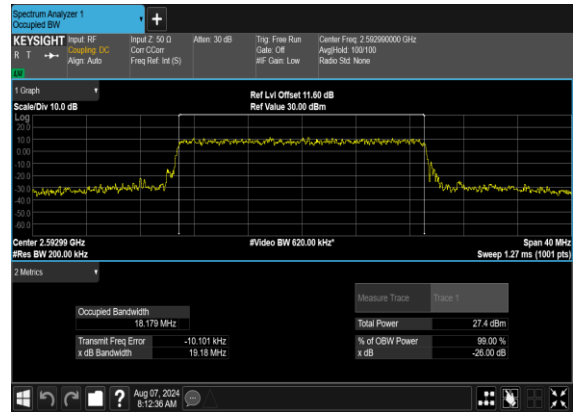
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N41(20M)\_CP-OFDM\_256QAM\_Outer\_Full\_Mid\_CH

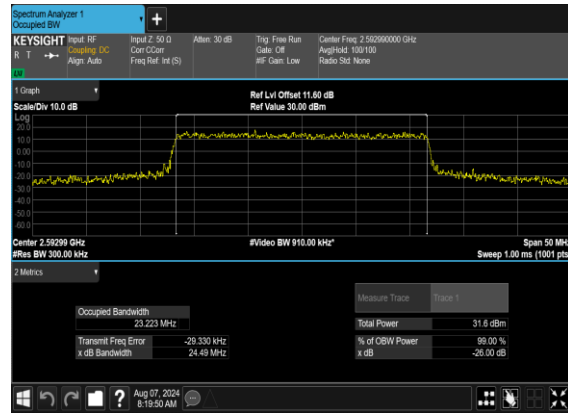




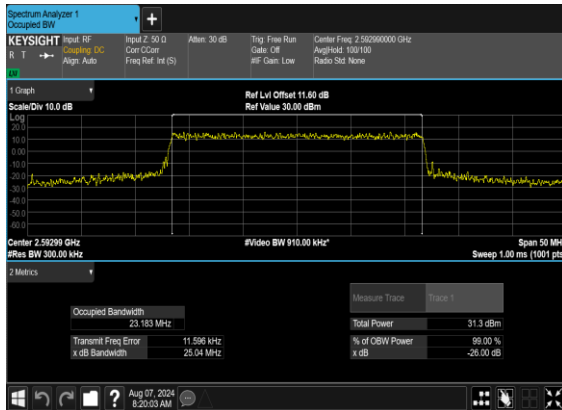
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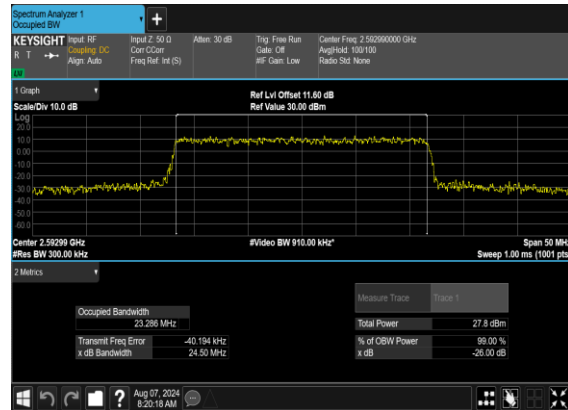
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N41(25M)\_CP-OFDM\_64QAM\_Outer\_Full\_Mid\_CH



N41(25M)\_CP-OFDM\_256QAM\_Outer\_Full\_Mid\_CH

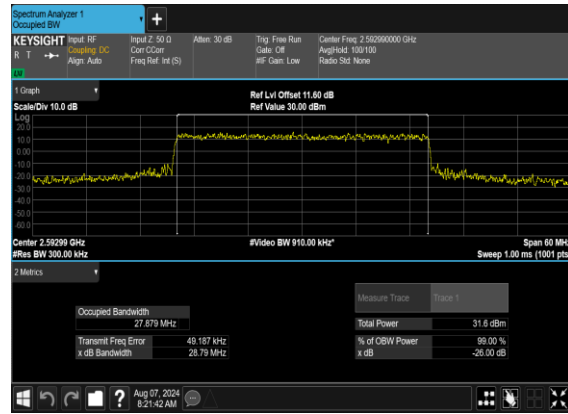




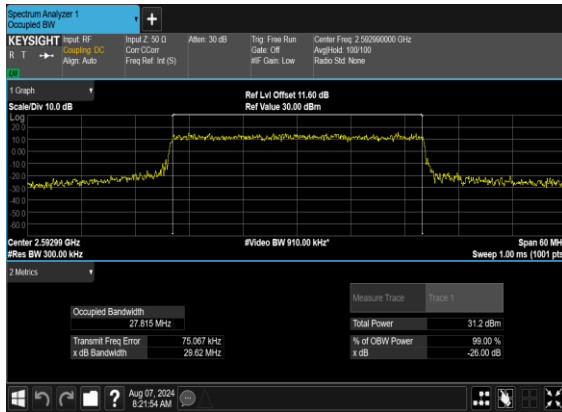
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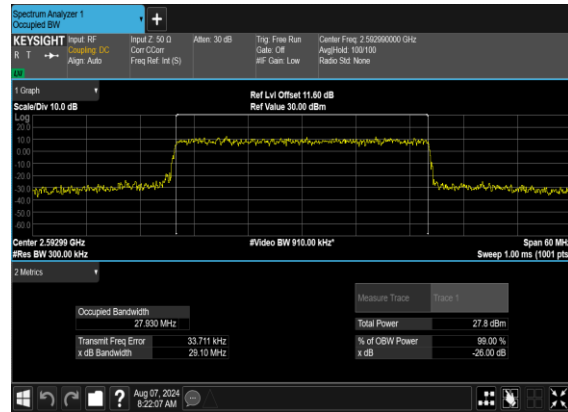
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N41(30M)\_CP-OFDM\_64QAM\_Outer\_Full\_Mid\_CH



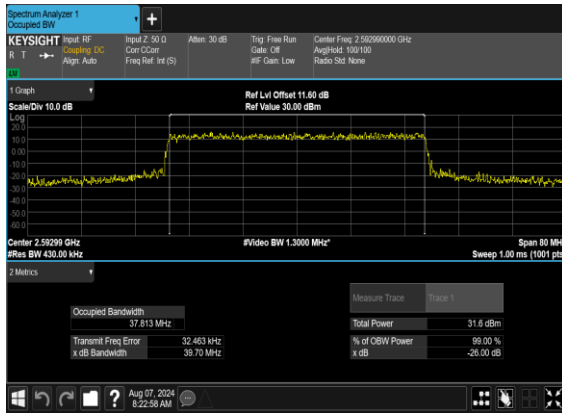
N41(30M)\_CP-OFDM\_256QAM\_Outer\_Full\_Mid\_CH



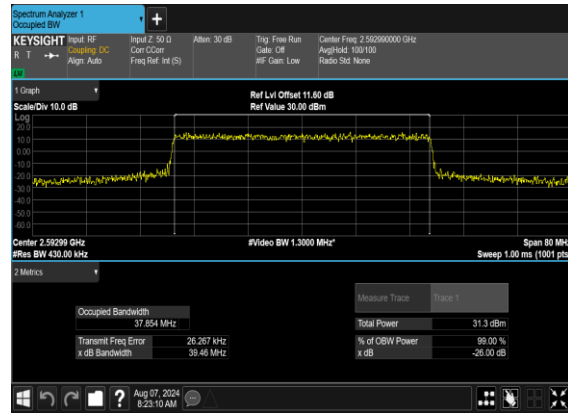




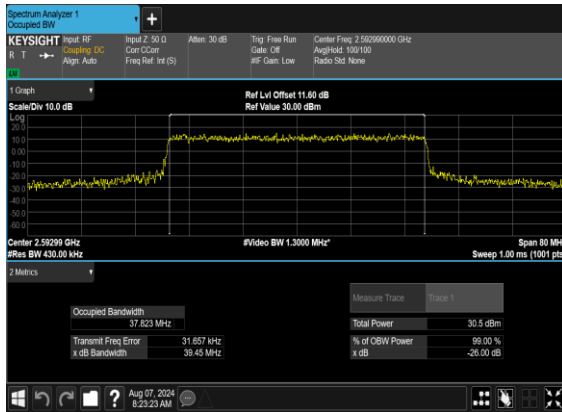
N41(40M)\_CP-OFDM\_QPSK\_Outer\_Full\_Mid\_CH



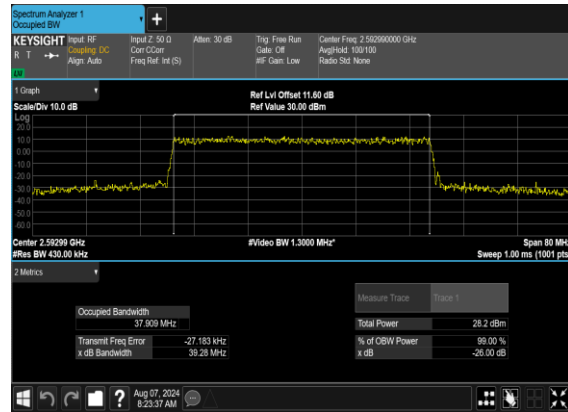
N41(40M)\_CP-OFDM\_16QAM\_Outer\_Full\_Mid\_CH



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

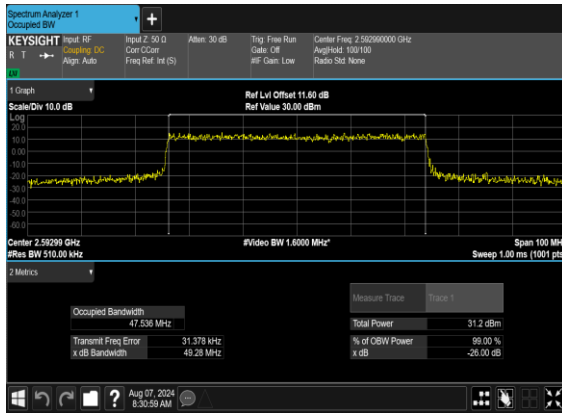


N41(40M)\_CP-OFDM\_256QAM\_Outer\_Full\_Mid\_CH

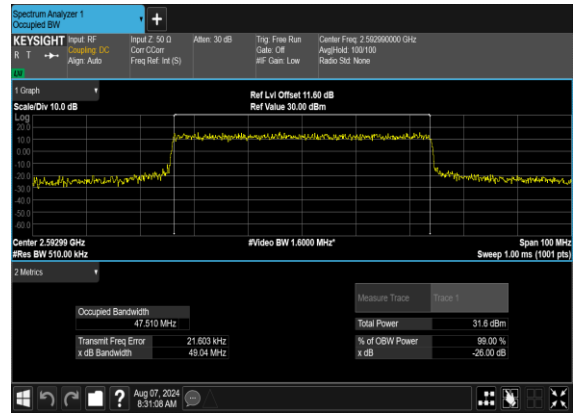




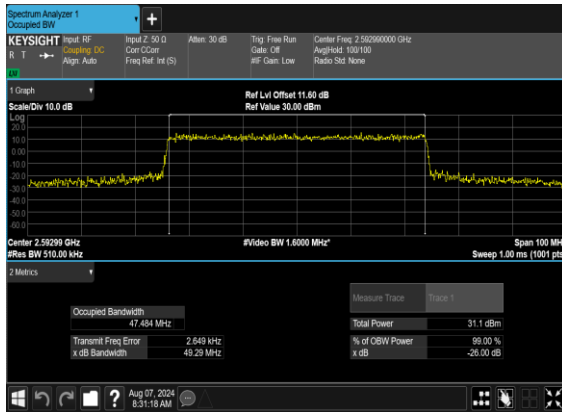
N41(50M)\_CP-OFDM\_QPSK\_Outer\_Full\_Mid\_CH



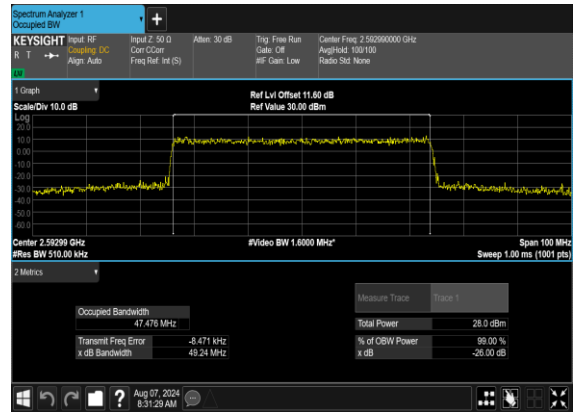
N41(50M)\_CP-OFDM\_16QAM\_Outer\_Full\_Mid\_CH



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

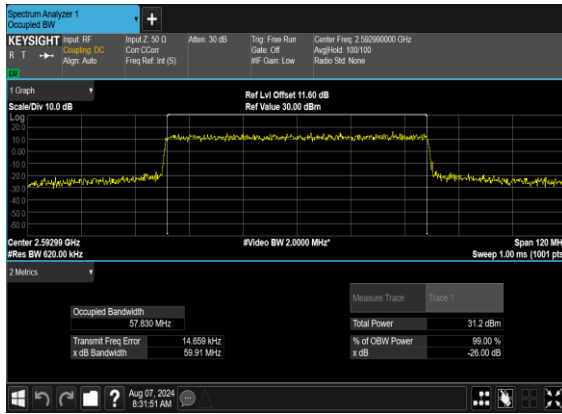


N41(50M)\_CP-OFDM\_256QAM\_Outer\_Full\_Mid\_CH

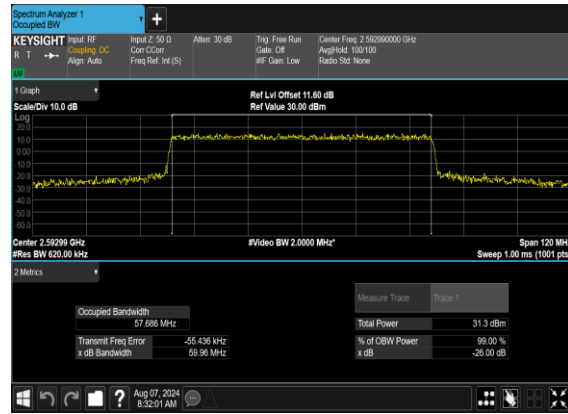




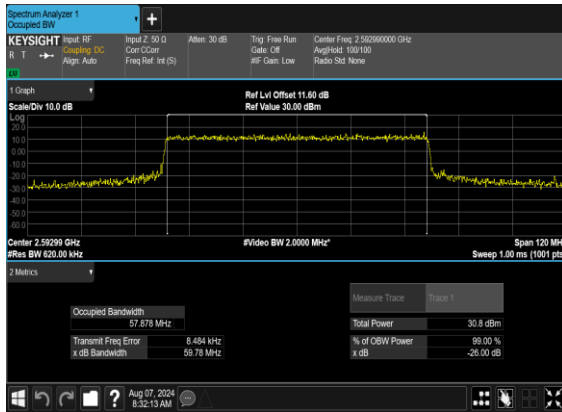
N41(60M)\_CP-OFDM\_QPSK\_Outer\_Full\_Mid\_CH



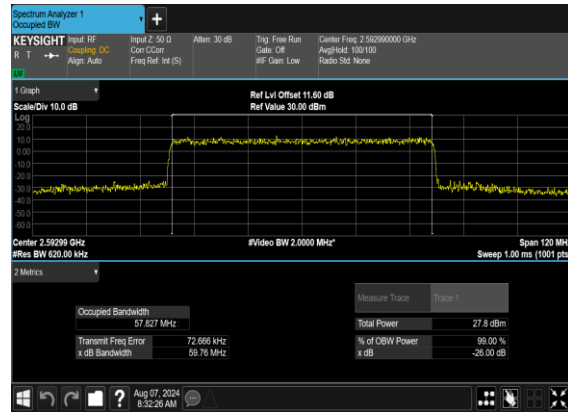
N41(60M)\_CP-OFDM\_16QAM\_Outer\_Full\_Mid\_CH



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

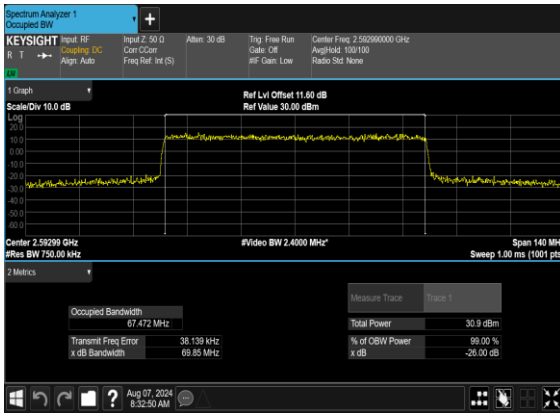


N41(60M)\_CP-OFDM\_256QAM\_Outer\_Full\_Mid\_CH

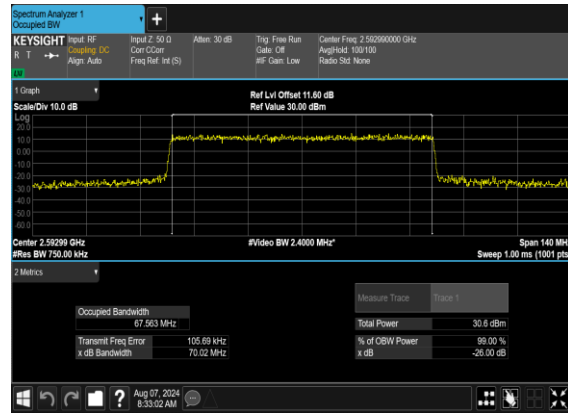




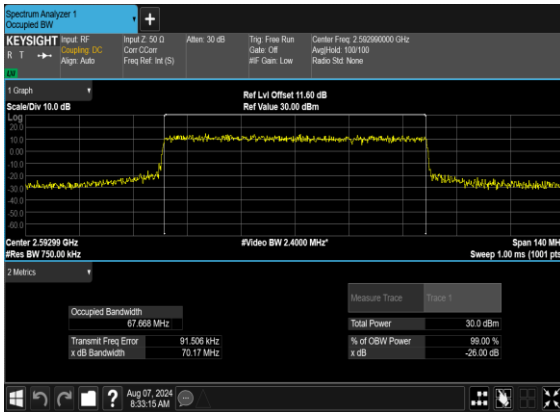
N41(70M)\_CP-OFDM\_QPSK\_Outer\_Full\_Mid\_CH



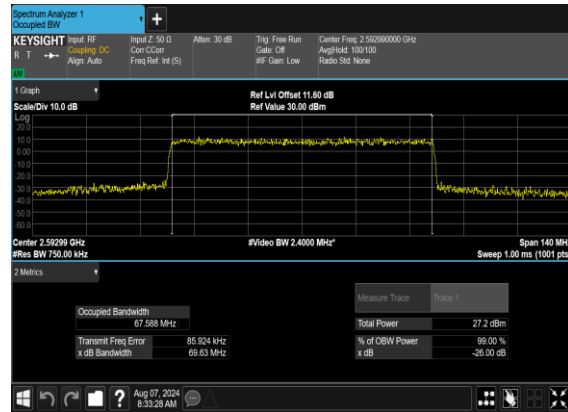
N41(70M)\_CP-OFDM\_16QAM\_Outer\_Full\_Mid\_CH



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



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

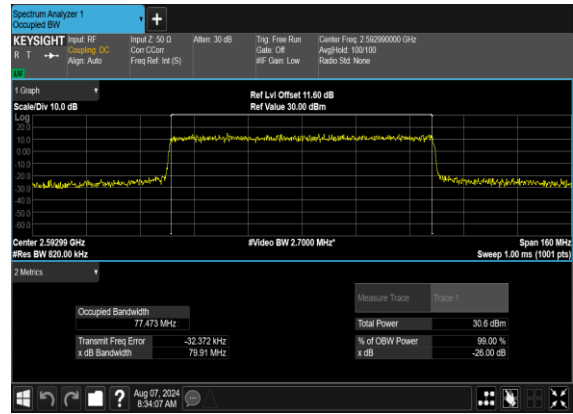




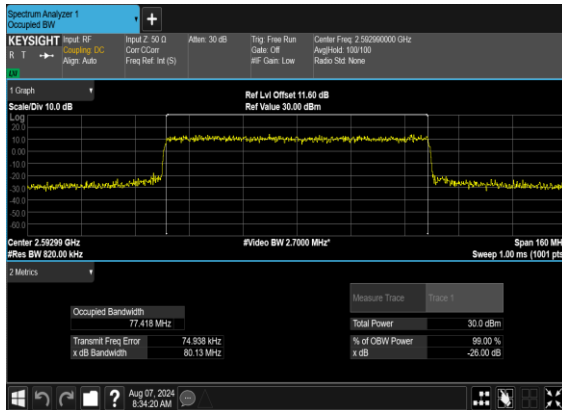
N41(80M)\_CP-OFDM\_QPSK\_Outer\_Full\_Mid\_CH



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

