Software Version: 23.06.1602

FR1 N41-SCS 30k(Main PA_ANT 1)

Transmitter Conducted Output Power And EIRP, (G_T - L_C)=-1.9dBi

NR Band	SCS	BandWidth	Arfcn	Freq(MHz)	Modulation	RB	Conducted Power(dBm)	EIRP(dBm)	EIRP(W)
41	30	100	509202	2546.01	DFT-s-OFDM PI/2 BPSK	135@67	22.9	21	0.1259
41	30	100	509202	2546.01	DFT-s-OFDM PI/2 BPSK	1@1	22.81	20.91	0.1233
41	30	100	509202	2546.01	DFT-s-OFDM PI/2 BPSK	1@271	23.15	21.25	0.1334
41	30	100	509202	2546.01	DFT-s-OFDM QPSK	135@67	22.88	20.98	0.1253
41	30	100	509202	2546.01	DFT-s-OFDM QPSK	1@1	22.88	20.98	0.1253
41	30	100	509202	2546.01	DFT-s-OFDM QPSK	1@271	23.16	21.26	0.1337
41	30	100	509202	2546.01	DFT-s-OFDM 16 QAM	135@67	21.91	20.01	0.1002
41	30	100	509202	2546.01	DFT-s-OFDM 16 QAM	1@1	21.95	20.05	0.1012
41	30	100	509202	2546.01	DFT-s-OFDM 16 QAM	1@271	22.21	20.31	0.1074
41	30	100	509202	2546.01	DFT-s-OFDM 64 QAM	135@67	20.44	18.54	0.0714
41	30	100	509202	2546.01	DFT-s-OFDM 64 QAM	1@1	20.51	18.61	0.0726
41	30	100	509202	2546.01	DFT-s-OFDM 64 QAM	1@271	20.87	18.97	0.0789
41	30	100	509202	2546.01	DFT-s-OFDM 256 QAM	135@67	18.49	16.59	0.0456
41	30	100	509202	2546.01	DFT-s-OFDM 256 QAM	1@1	18.35	16.45	0.0442
41	30	100	509202	2546.01	DFT-s-OFDM 256 QAM	1@271	18.66	16.76	0.0474
41	30	100	509202	2546.01	CP-OFDM QPSK	137@68	21.35	19.45	0.0881
41	30	100	509202	2546.01	CP-OFDM QPSK	1@1	21.39	19.49	0.0889
41	30	100	509202	2546.01	CP-OFDM QPSK	1@271	21.68	19.78	0.0951
41	30	100	518598	2592.99	DFT-s-OFDM PI/2 BPSK	135@67	22.93	21.03	0.1268
41	30	100	518598	2592.99	DFT-s-OFDM PI/2 BPSK	1@1	22.75	20.85	0.1216
41	30	100	518598	2592.99	DFT-s-OFDM PI/2 BPSK	1@271	23.12	21.22	0.1324
41	30	100	518598	2592.99	DFT-s-OFDM QPSK	135@67	22.94	21.04	0.1271
41	30	100	518598	2592.99	DFT-s-OFDM QPSK	1@1	22.84	20.94	0.1242
41	30	100	518598	2592.99	DFT-s-OFDM QPSK	1@271	23.23	21.33	0.1358
41	30	100	518598	2592.99	DFT-s-OFDM 16 QAM	135@67	21.99	20.09	0.1021
41	30	100	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	21.87	19.97	0.0993
41	30	100	518598	2592.99	DFT-s-OFDM 16	1@271	22.22	20.32	0.1076

					QAM				
41	30	100	518598	2592.99	DFT-s-OFDM 64 QAM	135@67	20.46	18.56	0.0718
41	30	100	518598	2592.99	DFT-s-OFDM 64 QAM	1@1	20.63	18.73	0.0746
41	30	100	518598	2592.99	DFT-s-OFDM 64 QAM	1@271	20.87	18.97	0.0789
41	30	100	518598	2592.99	DFT-s-OFDM 256 QAM	135@67	18.54	16.64	0.0461
41	30	100	518598	2592.99	DFT-s-OFDM 256 QAM	1@1	18.39	16.49	0.0446
41	30	100	518598	2592.99	DFT-s-OFDM 256 QAM	1@271	18.78	16.88	0.0488
41	30	100	518598	2592.99	CP-OFDM QPSK	137@68	21.44	19.54	0.0899
41	30	100	518598	2592.99	CP-OFDM QPSK	1@1	21.33	19.43	0.0877
41	30	100	518598	2592.99	CP-OFDM QPSK	1@271	21.72	19.82	0.0959
41	30	100	528000	2640	DFT-s-OFDM PI/2 BPSK	135@67	23	21.1	0.1288
41	30	100	528000	2640	DFT-s-OFDM PI/2 BPSK	1@1	22.87	20.97	0.1250
41	30	100	528000	2640	DFT-s-OFDM PI/2 BPSK	1@271	23.01	21.11	0.1291
41	30	100	528000	2640	DFT-s-OFDM QPSK	135@67	22.97	21.07	0.1279
41	30	100	528000	2640	DFT-s-OFDM QPSK	1@1	22.94	21.04	0.1271
41	30	100	528000	2640	DFT-s-OFDM QPSK	1@271	23.03	21.13	0.1297
41	30	100	528000	2640	DFT-s-OFDM 16 QAM	135@67	22.03	20.13	0.1030
41	30	100	528000	2640	DFT-s-OFDM 16 QAM	1@1	21.95	20.05	0.1012
41	30	100	528000	2640	DFT-s-OFDM 16 QAM	1@271	22.15	20.25	0.1059
41	30	100	528000	2640	DFT-s-OFDM 64 QAM	135@67	20.56	18.66	0.0735
41	30	100	528000	2640	DFT-s-OFDM 64 QAM	1@1	20.62	18.72	0.0745
41	30	100	528000	2640	DFT-s-OFDM 64 QAM	1@271	20.72	18.82	0.0762
41	30	100	528000	2640	DFT-s-OFDM 256 QAM	135@67	18.63	16.73	0.0471
41	30	100	528000	2640	DFT-s-OFDM 256 QAM	1@1	18.47	16.57	0.0454
41	30	100	528000	2640	DFT-s-OFDM 256 QAM	1@271	18.69	16.79	0.0478
41	30	100	528000	2640	CP-OFDM QPSK	137@68	21.47	19.57	0.0906
41	30	100	528000	2640	CP-OFDM QPSK	1@1	21.42	19.52	0.0895
41	30	100	528000	2640	CP-OFDM QPSK	1@271	21.68	19.78	0.0951
41	30	10	500202	2501.01	DFT-s-OFDM PI/2 BPSK	1@1	22.66	20.76	0.1191
41	30	10	500202	2501.01	DFT-s-OFDM QPSK	1@1	22.75	20.85	0.1216
41	30	10	500202	2501.01	DFT-s-OFDM 16 QAM	1@1	21.69	19.79	0.0953
41	30	10	518598	2592.99	DFT-s-OFDM PI/2 BPSK	1@1	22.9	21	0.1259
41	30	10	518598	2592.99	DFT-s-OFDM QPSK	1@1	22.95	21.05	0.1274

41	30	10	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	21.9	20	0.1000
41	30	10	537000	2685	DFT-s-OFDM PI/2 BPSK	1@1	22.96	21.06	0.1276
41	30	10	537000	2685	DFT-s-OFDM QPSK	1@1	23	21.1	0.1288
41	30	10	537000	2685	DFT-s-OFDM 16 QAM	1@1	22.06	20.16	0.1038
41	30	15	500700	2503.5	DFT-s-OFDM PI/2 BPSK	1@1	22.68	20.78	0.1197
41	30	15	500700	2503.5	DFT-s-OFDM QPSK	1@1	22.72	20.82	0.1208
41	30	15	500700	2503.5	DFT-s-OFDM 16 QAM	1@1	21.76	19.86	0.0968
41	30	15	518598	2592.99	DFT-s-OFDM PI/2 BPSK	1@1	22.88	20.98	0.1253
41	30	15	518598	2592.99	DFT-s-OFDM QPSK	1@1	22.92	21.02	0.1265
41	30	15	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	21.98	20.08	0.1019
41	30	15	536496	2682.48	DFT-s-OFDM PI/2 BPSK	1@1	22.96	21.06	0.1276
41	30	15	536496	2682.48	DFT-s-OFDM QPSK	1@1	22.98	21.08	0.1282
41	30	15	536496	2682.48	DFT-s-OFDM 16 QAM	1@1	22.07	20.17	0.1040
41	30	20	501204	2506.02	DFT-s-OFDM PI/2 BPSK	1@1	22.73	20.83	0.1211
41	30	20	501204	2506.02	DFT-s-OFDM QPSK	1@1	22.74	20.84	0.1213
41	30	20	501204	2506.02	DFT-s-OFDM 16 QAM	1@1	21.72	19.82	0.0959
41	30	20	518598	2592.99	DFT-s-OFDM PI/2 BPSK	1@1	22.9	21	0.1259
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	1@1	22.95	21.05	0.1274
41	30	20	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	22	20.1	0.1023
41	30	20	535998	2679.99	DFT-s-OFDM PI/2 BPSK	1@1	23.05	21.15	0.1303
41	30	20	535998	2679.99	DFT-s-OFDM QPSK	1@1	23.05	21.15	0.1303
41	30	20	535998	2679.99	DFT-s-OFDM 16 QAM	1@1	22.11	20.21	0.1050
41	30	30	502200	2511	DFT-s-OFDM PI/2 BPSK	1@1	22.85	20.95	0.1245
41	30	30	502200	2511	DFT-s-OFDM QPSK	1@1	22.9	21	0.1259
41	30	30	502200	2511	DFT-s-OFDM 16 QAM	1@1	21.91	20.01	0.1002
41	30	30	518598	2592.99	DFT-s-OFDM PI/2 BPSK	1@1	22.86	20.96	0.1247
41	30	30	518598	2592.99	DFT-s-OFDM QPSK	1@1	22.97	21.07	0.1279
41	30	30	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	21.95	20.05	0.1012
41	30	30	534996	2674.98	DFT-s-OFDM PI/2 BPSK	1@1	23.05	21.15	0.1303
41	30	30	534996	2674.98	DFT-s-OFDM QPSK	1@1	23.09	21.19	0.1315
41	30	30	534996	2674.98	DFT-s-OFDM 16 QAM	1@1	22.07	20.17	0.1040

41	30	40	503202	2516.01	DFT-s-OFDM PI/2 BPSK	1@1	22.85	20.95	0.1245
41	30	40	503202	2516.01	DFT-s-OFDM QPSK	1@1	22.87	20.97	0.1250
41	30	40	503202	2516.01	DFT-s-OFDM 16 QAM	1@1	21.92	20.02	0.1005
41	30	40	518598	2592.99	DFT-s-OFDM PI/2 BPSK	1@1	22.81	20.91	0.1233
41	30	40	518598	2592.99	DFT-s-OFDM QPSK	1@1	22.9	21	0.1259
41	30	40	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	21.92	20.02	0.1005
41	30	40	534000	2670	DFT-s-OFDM PI/2 BPSK	1@1	22.95	21.05	0.1274
41	30	40	534000	2670	DFT-s-OFDM QPSK	1@1	23.02	21.12	0.1294
41	30	40	534000	2670	DFT-s-OFDM 16 QAM	1@1	22.04	20.14	0.1033
41	30	50	504204	2521.02	DFT-s-OFDM PI/2 BPSK	1@1	22.83	20.93	0.1239
41	30	50	504204	2521.02	DFT-s-OFDM QPSK	1@1	22.91	21.01	0.1262
41	30	50	504204	2521.02	DFT-s-OFDM 16 QAM	1@1	21.89	19.99	0.0998
41	30	50	518598	2592.99	DFT-s-OFDM PI/2 BPSK	1@1	22.79	20.89	0.1227
41	30	50	518598	2592.99	DFT-s-OFDM QPSK	1@1	22.86	20.96	0.1247
41	30	50	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	21.88	19.98	0.0995
41	30	50	532998	2664.99	DFT-s-OFDM PI/2 BPSK	1@1	22.89	20.99	0.1256
41	30	50	532998	2664.99	DFT-s-OFDM QPSK	1@1	22.88	20.98	0.1253
41	30	50	532998	2664.99	DFT-s-OFDM 16 QAM	1@1	21.92	20.02	0.1005
41	30	60	505200	2526	DFT-s-OFDM PI/2 BPSK	1@1	22.89	20.99	0.1256
41	30	60	505200	2526	DFT-s-OFDM QPSK	1@1	22.92	21.02	0.1265
41	30	60	505200	2526	DFT-s-OFDM 16 QAM	1@1	21.94	20.04	0.1009
41	30	60	518598	2592.99	DFT-s-OFDM PI/2 BPSK	1@1	22.86	20.96	0.1247
41	30	60	518598	2592.99	DFT-s-OFDM QPSK	1@1	22.9	21	0.1259
41	30	60	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	21.9	20	0.1000
41	30	60	531996	2659.98	DFT-s-OFDM PI/2 BPSK	1@1	22.88	20.98	0.1253
41	30	60	531996	2659.98	DFT-s-OFDM QPSK	1@1	22.94	21.04	0.1271
41	30	60	531996	2659.98	DFT-s-OFDM 16 QAM	1@1	21.96	20.06	0.1014
41	30	80	507204	2536.02	DFT-s-OFDM PI/2 BPSK	1@1	22.92	21.02	0.1265
41	30	80	507204	2536.02	DFT-s-OFDM QPSK	1@1	22.95	21.05	0.1274
41	30	80	507204	2536.02	DFT-s-OFDM 16 QAM	1@1	22	20.1	0.1023
41	30	80	518598	2592.99	DFT-s-OFDM PI/2 BPSK	1@1	22.79	20.89	0.1227

41	30	80	518598	2592.99	DFT-s-OFDM QPSK	1@1	22.85	20.95	0.1245
41	30	80	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	21.88	19.98	0.0995
41	30	80	529998	2649.99	DFT-s-OFDM PI/2 BPSK	1@1	22.88	20.98	0.1253
41	30	80	529998	2649.99	DFT-s-OFDM QPSK	1@1	22.97	21.07	0.1279
41	30	80	529998	2649.99	DFT-s-OFDM 16 QAM	1@1	21.97	20.07	0.1016
41	30	90	508200	2541	DFT-s-OFDM PI/2 BPSK	1@1	22.88	20.98	0.1253
41	30	90	508200	2541	DFT-s-OFDM QPSK	1@1	22.91	21.01	0.1262
41	30	90	508200	2541	DFT-s-OFDM 16 QAM	1@1	21.93	20.03	0.1007
41	30	90	518598	2592.99	DFT-s-OFDM PI/2 BPSK	1@1	22.82	20.92	0.1236
41	30	90	518598	2592.99	DFT-s-OFDM QPSK	1@1	22.87	20.97	0.1250
41	30	90	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	21.89	19.99	0.0998
41	30	90	528996	2644.98	DFT-s-OFDM PI/2 BPSK	1@1	22.89	20.99	0.1256
41	30	90	528996	2644.98	DFT-s-OFDM QPSK	1@1	22.98	21.08	0.1282
41	30	90	528996	2644.98	DFT-s-OFDM 16 QAM	1@1	21.99	20.09	0.1021

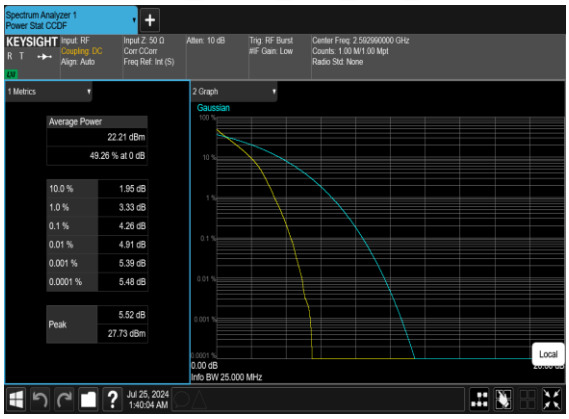
Frequency Stability

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	0.0076	**PASS**	NV
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	-0.0033	**PASS**	LV
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	0.0025	**PASS**	HV
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	0.0042	**PASS**	-30℃
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	0.0041	**PASS**	-20℃
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	0.0058	**PASS**	-10℃
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	0.0067	**PASS**	0℃
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	-0.0024	**PASS**	10℃
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	-0.0051	**PASS**	20℃
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	-0.0034	**PASS**	30℃
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	-0.0055	**PASS**	40℃
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	0.0041	**PASS**	50℃

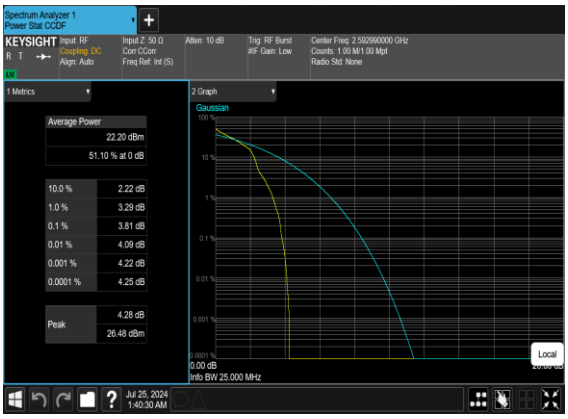
Peak to Average Ratio

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result (dB)	Limit (dB)	Verdict
41	30	20	518598	2592.99	DFT-s-OFDM PI/2 BPSK	50@0	4.26	13	**PASS**
41	30	20	518598	2592.99	DFT-s-OFDM PI/2 BPSK	1@0	3.81	13	**PASS**
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	5.33	13	**PASS**
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	1@0	5.01	13	**PASS**

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



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



N41(20M)_DFT-s-OFDM_QPSK_Outer_Full_Mid_CH

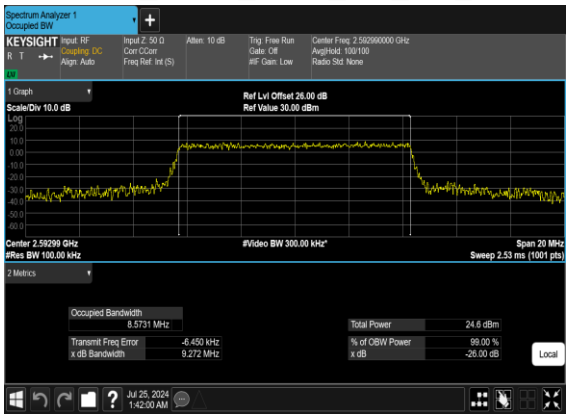
N41(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH

Occupied Bandwidth

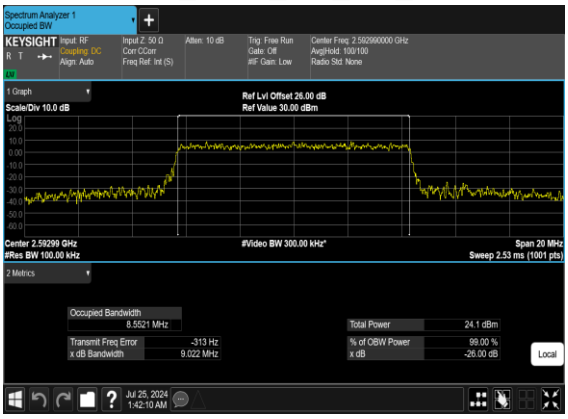
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	OBW (MHz)	26dB BW (MHz)
41	30	10	518598	2592.99	CP-OFDM QPSK	24@0	8.5731	9.272
41	30	10	518598	2592.99	CP-OFDM 16 QAM	24@0	8.5521	9.022
41	30	10	518598	2592.99	CP-OFDM 64 QAM	24@0	8.5858	9.186
41	30	10	518598	2592.99	CP-OFDM 256 QAM	24@0	8.5926	9.195
41	30	15	518598	2592.99	CP-OFDM QPSK	38@0	13.565	14.31
41	30	15	518598	2592.99	CP-OFDM 16 QAM	38@0	13.593	14.51
41	30	15	518598	2592.99	CP-OFDM 64 QAM	38@0	13.608	14.26
41	30	15	518598	2592.99	CP-OFDM 256 QAM	38@0	13.604	14.31
41	30	20	518598	2592.99	CP-OFDM QPSK	51@0	18.216	19.19
41	30	20	518598	2592.99	CP-OFDM 16 QAM	51@0	18.221	18.97
41	30	20	518598	2592.99	CP-OFDM 64 QAM	51@0	18.145	18.94
41	30	20	518598	2592.99	CP-OFDM 256 QAM	51@0	18.225	19.16
41	30	30	518598	2592.99	CP-OFDM QPSK	78@0	27.785	28.95
41	30	30	518598	2592.99	CP-OFDM 16 QAM	78@0	27.814	28.91
41	30	30	518598	2592.99	CP-OFDM 64 QAM	78@0	27.748	28.95
41	30	30	518598	2592.99	CP-OFDM 256 QAM	78@0	27.767	28.85
41	30	40	518598	2592.99	CP-OFDM QPSK	106@0	37.831	39.42
41	30	40	518598	2592.99	CP-OFDM 16 QAM	106@0	37.883	39.16
41	30	40	518598	2592.99	CP-OFDM 64 QAM	106@0	37.835	39.25
41	30	40	518598	2592.99	CP-OFDM 256 QAM	106@0	37.82	39.22
41	30	50	518598	2592.99	CP-OFDM QPSK	133@0	47.456	49.02
41	30	50	518598	2592.99	CP-OFDM 16 QAM	133@0	47.328	49.13
41	30	50	518598	2592.99	CP-OFDM 64 QAM	133@0	47.372	49.1

41	30	50	518598	2592.99	CP-OFDM 256 QAM	133@0	47.333	48.99
41	30	60	518598	2592.99	CP-OFDM QPSK	162@0	57.868	59.7
41	30	60	518598	2592.99	CP-OFDM 16 QAM	162@0	57.822	59.67
41	30	60	518598	2592.99	CP-OFDM 64 QAM	162@0	57.809	59.83
41	30	60	518598	2592.99	CP-OFDM 256 QAM	162@0	57.743	59.73
41	30	80	518598	2592.99	CP-OFDM QPSK	217@0	77.467	79.93
41	30	80	518598	2592.99	CP-OFDM 16 QAM	217@0	77.426	79.86
41	30	80	518598	2592.99	CP-OFDM 64 QAM	217@0	77.498	79.9
41	30	80	518598	2592.99	CP-OFDM 256 QAM	217@0	77.349	80.1
41	30	90	518598	2592.99	CP-OFDM QPSK	245@0	87.352	90.3
41	30	90	518598	2592.99	CP-OFDM 16 QAM	245@0	87.264	90.23
41	30	90	518598	2592.99	CP-OFDM 64 QAM	245@0	87.467	90.23
41	30	90	518598	2592.99	CP-OFDM 256 QAM	245@0	87.515	90.21
41	30	100	518598	2592.99	CP-OFDM QPSK	273@0	97.371	100.3
41	30	100	518598	2592.99	CP-OFDM 16 QAM	273@0	97.397	100.4
41	30	100	518598	2592.99	CP-OFDM 64 QAM	273@0	97.354	100.5
41	30	100	518598	2592.99	CP-OFDM 256 QAM	273@0	97.131	100.5

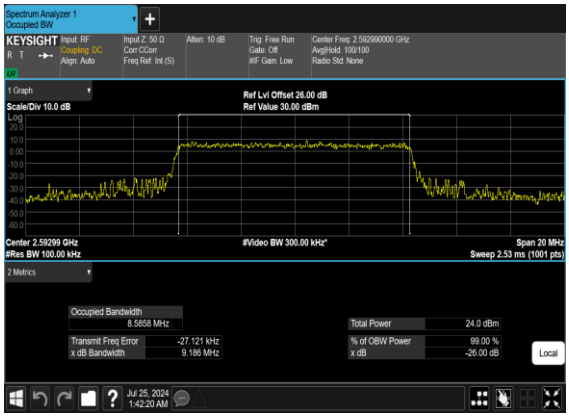
N41(10M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



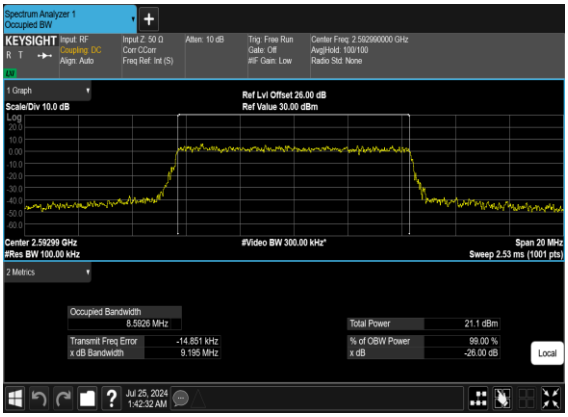
N41(10M)_CP-OFDM_16QAM_Outer_Full_Mid_CH



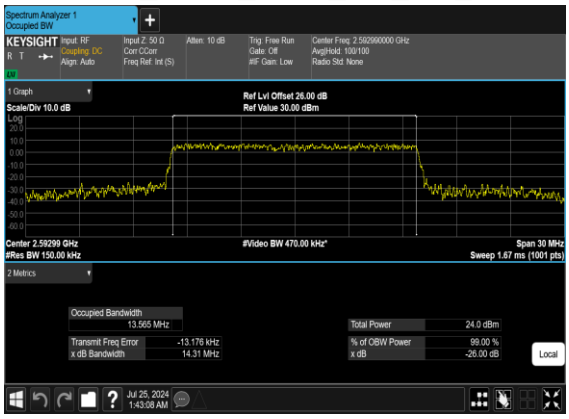
N41(10M)_CP-OFDM_64QAM_Outer_Full_Mid_CH



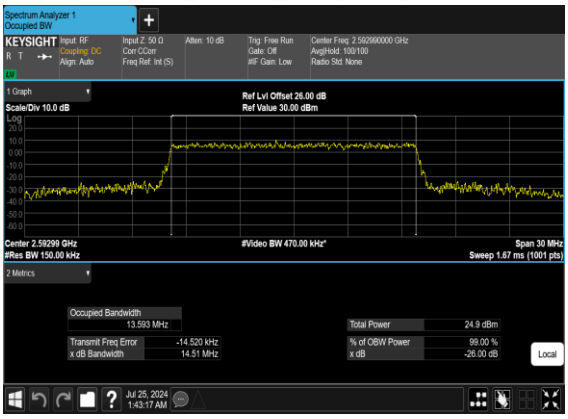
N41(10M)_CP-OFDM_256QAM_Outer_Full_Mid_CH



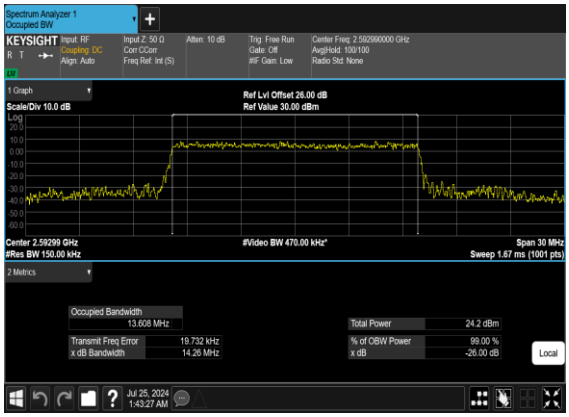
N41(15M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



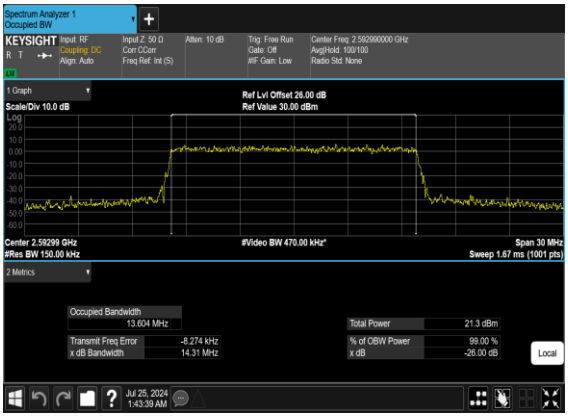
N41(15M)_CP-OFDM_16QAM_Outer_Full_Mid_CH



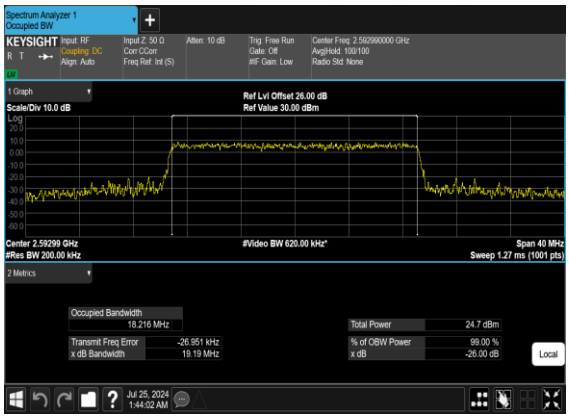
N41(15M)_CP-OFDM_64QAM_Outer_Full_Mid_CH



N41(15M)_CP-OFDM_256QAM_Outer_Full_Mid_CH



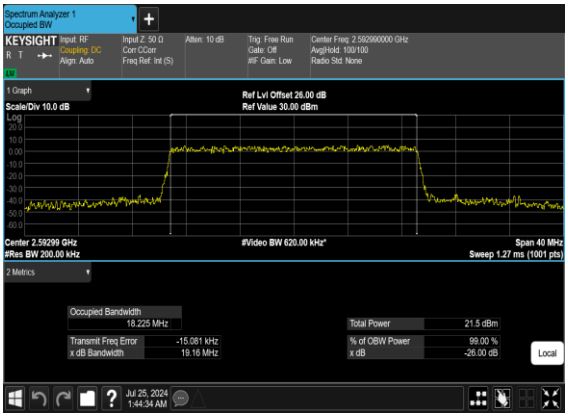
N41(20M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



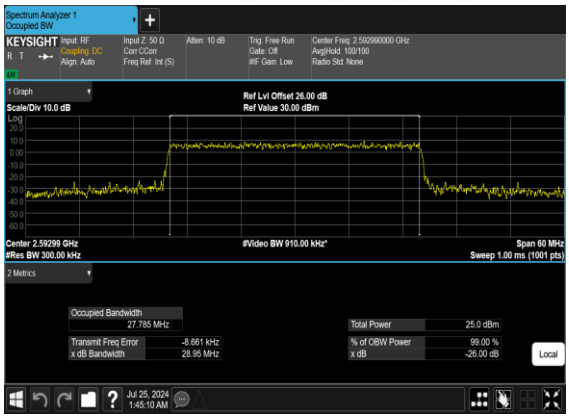
N41(20M)_CP-OFDM_16QAM_Outer_Full_Mid_CH

N41(20M)_CP-OFDM_64QAM_Outer_Full_Mid_CH

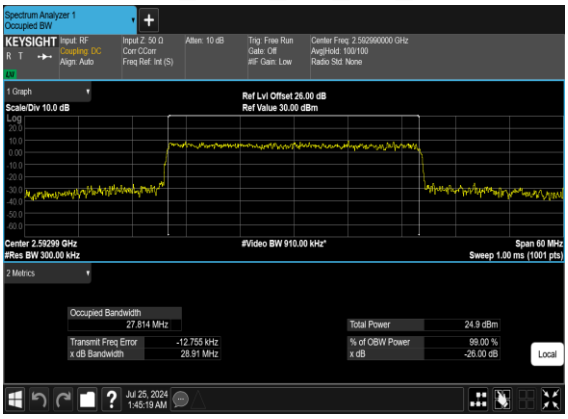
N41(20M)_CP-OFDM_256QAM_Outer_Full_Mid_CH



N41(30M)_CP-OFDM_QPSK_Outer_Full_Mid_CH

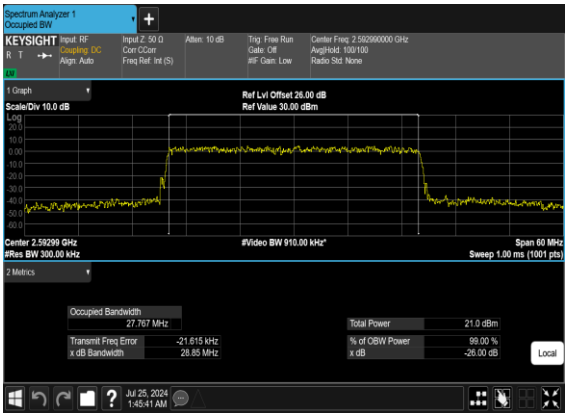


N41(30M)_CP-OFDM_16QAM_Outer_Full_Mid_CH

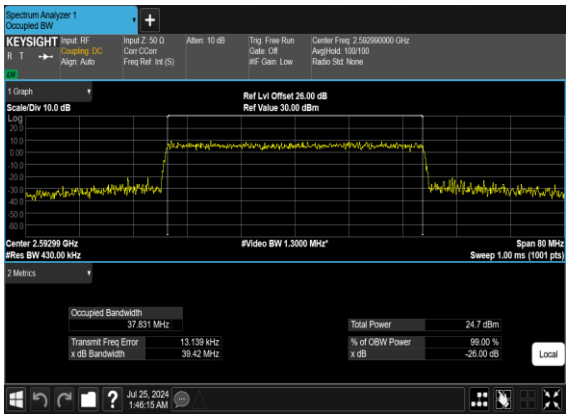


N41(30M)_CP-OFDM_64QAM_Outer_Full_Mid_CH

N41(30M)_CP-OFDM_256QAM_Outer_Full_Mid_CH



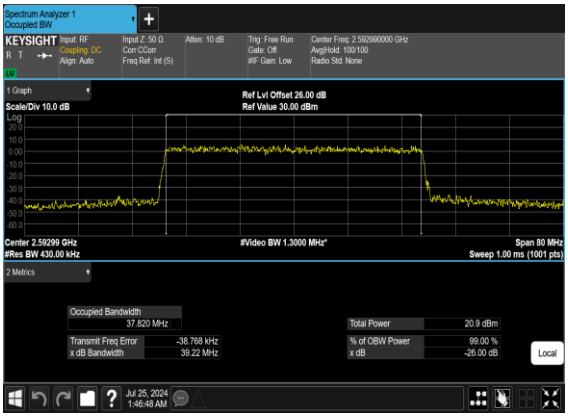
N41(40M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



N41(40M)_CP-OFDM_16QAM_Outer_Full_Mid_CH

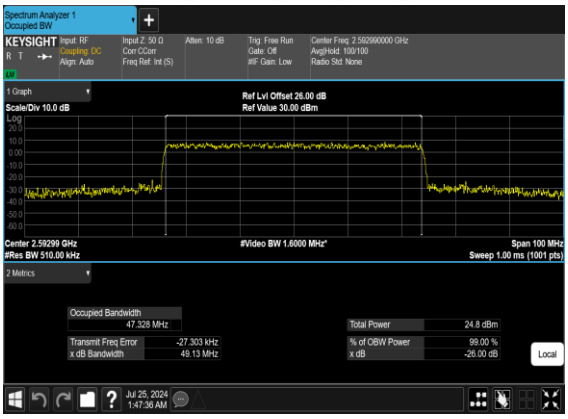
N41(40M)_CP-OFDM_64QAM_Outer_Full_Mid_CH

N41(40M)_CP-OFDM_256QAM_Outer_Full_Mid_CH

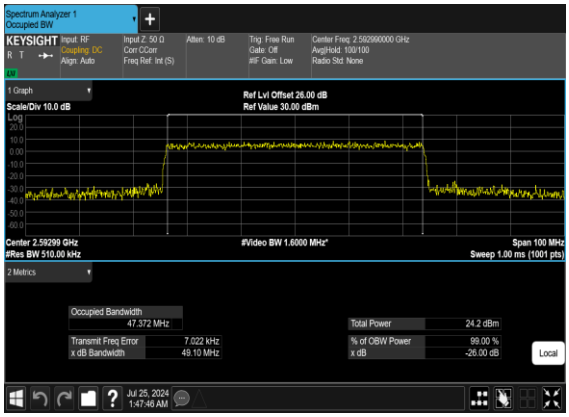


N41(50M)_CP-OFDM_QPSK_Outer_Full_Mid_CH

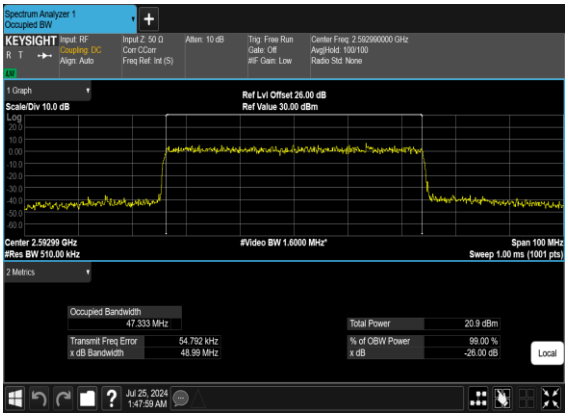
N41(50M)_CP-OFDM_16QAM_Outer_Full_Mid_CH



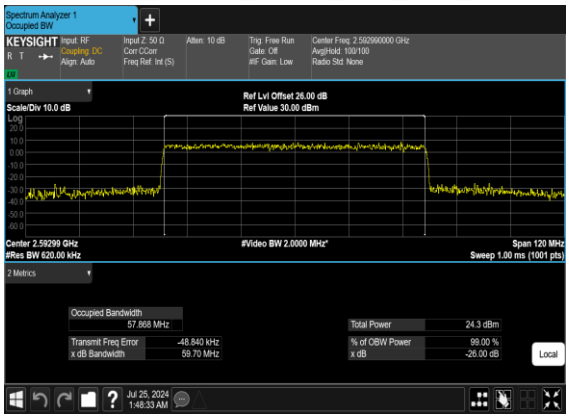
N41(50M)_CP-OFDM_64QAM_Outer_Full_Mid_CH



N41(50M)_CP-OFDM_256QAM_Outer_Full_Mid_CH

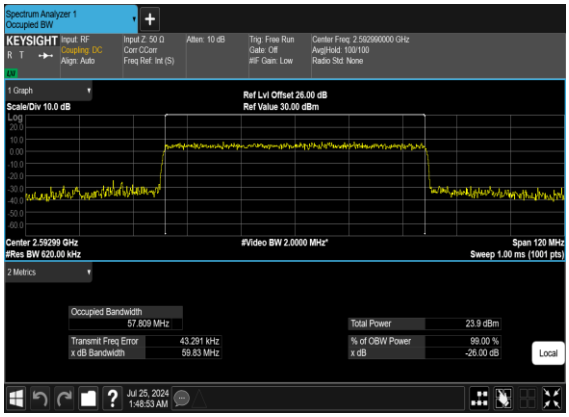


N41(60M)_CP-OFDM_QPSK_Outer_Full_Mid_CH

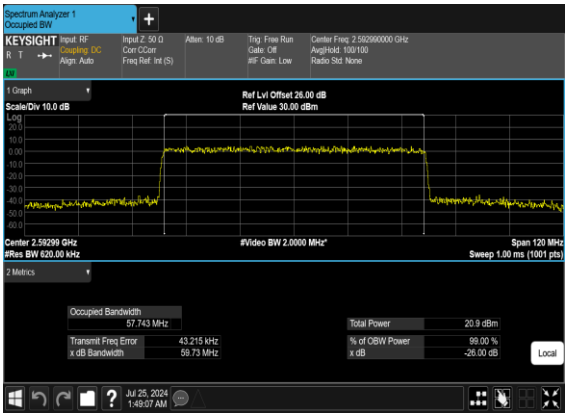


N41(60M)_CP-OFDM_16QAM_Outer_Full_Mid_CH

N41(60M)_CP-OFDM_64QAM_Outer_Full_Mid_CH

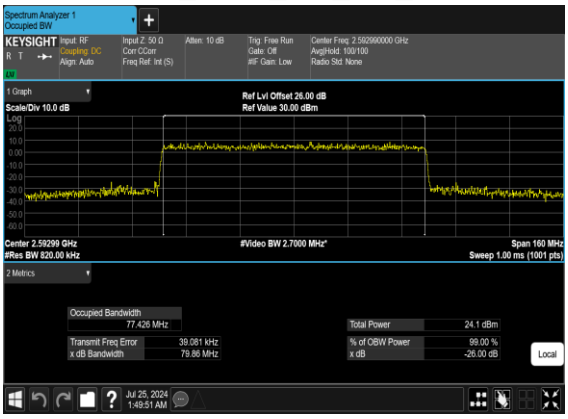


N41(60M)_CP-OFDM_256QAM_Outer_Full_Mid_CH



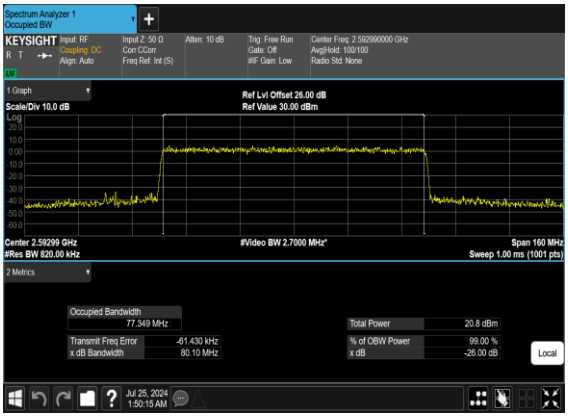
N41(80M)_CP-OFDM_QPSK_Outer_Full_Mid_CH

N41(80M)_CP-OFDM_16QAM_Outer_Full_Mid_CH



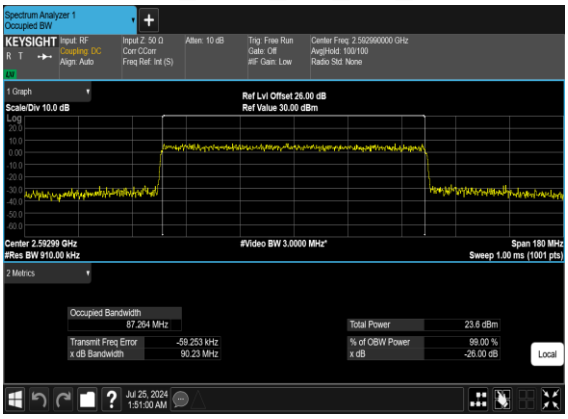
N41(80M)_CP-OFDM_64QAM_Outer_Full_Mid_CH

N41(80M)_CP-OFDM_256QAM_Outer_Full_Mid_CH

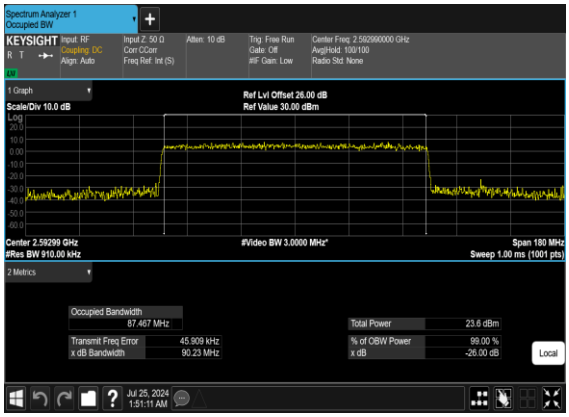


N41(90M)_CP-OFDM_QPSK_Outer_Full_Mid_CH

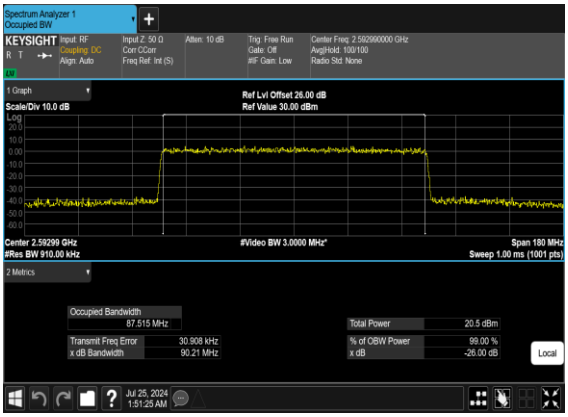
N41(90M)_CP-OFDM_16QAM_Outer_Full_Mid_CH



N41(90M)_CP-OFDM_64QAM_Outer_Full_Mid_CH



N41(90M)_CP-OFDM_256QAM_Outer_Full_Mid_CH

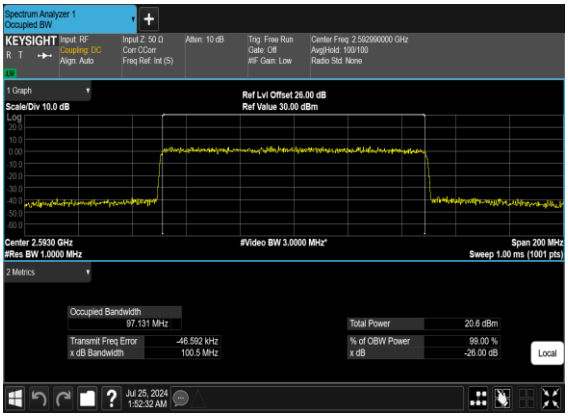


N41(100M)_CP-OFDM_QPSK_Outer_Full_Mid_CH

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



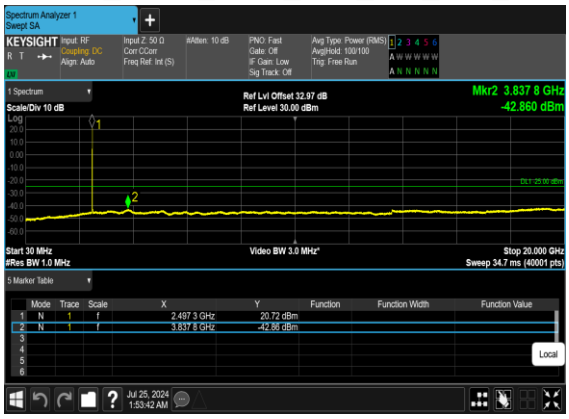
Conducted Spurious Emissions

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**

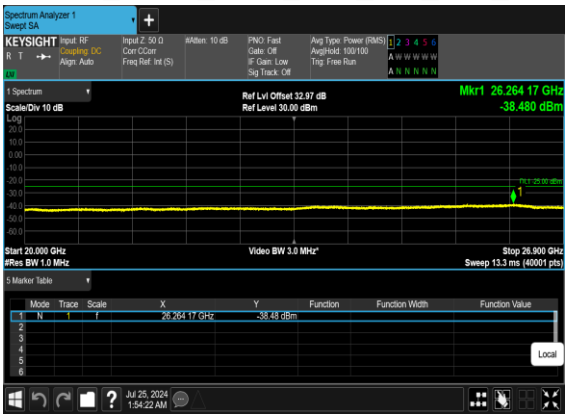
41	30	50	504204	2521.02	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
41	30	50	504204	2521.02	DFT-s-OFDM QPSK	1@0	see graph	**---**
41	30	50	504204	2521.02	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
41	30	50	504204	2521.02	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
41	30	50	518598	2592.99	DFT-s-OFDM BPSK	1@0	see graph	**---**
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	**PASS**
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	**PASS**
41	30	100	528000	2640.0	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
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	**PASS**
41	30	100	528000	2640.0	DFT-s-OFDM QPSK	1@0	see graph	**PASS**

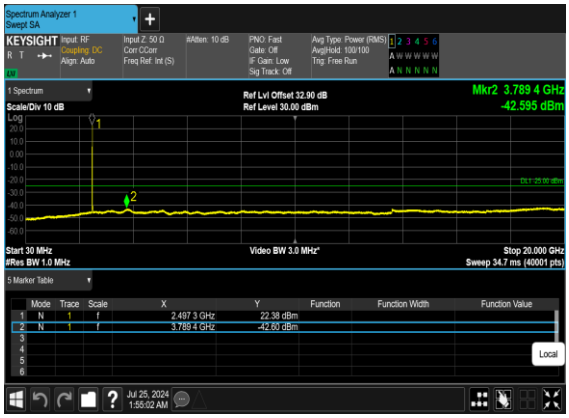
N41(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



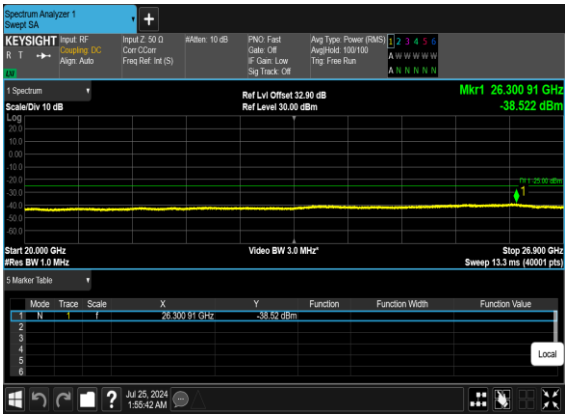
N41(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



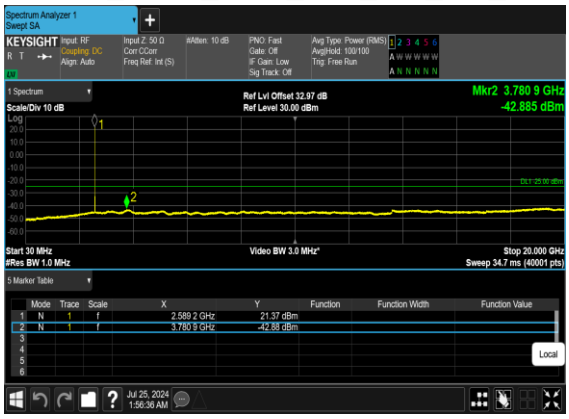
N41(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



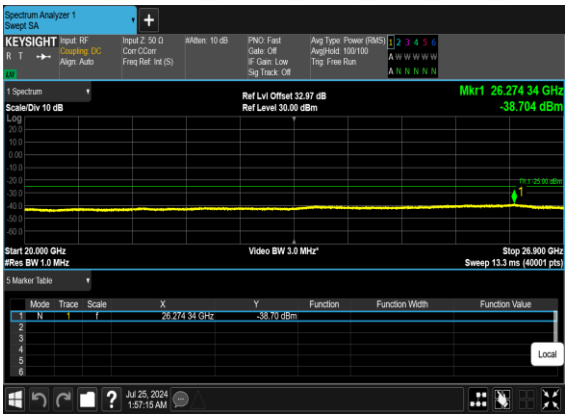
N41(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



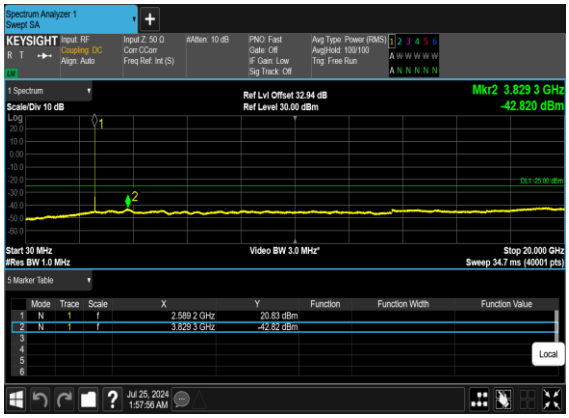
N41(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



N41(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



N41(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



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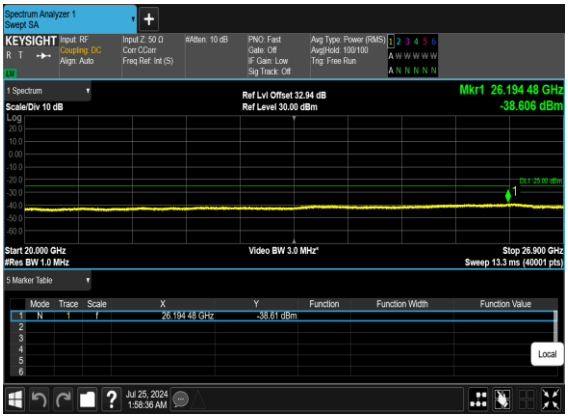
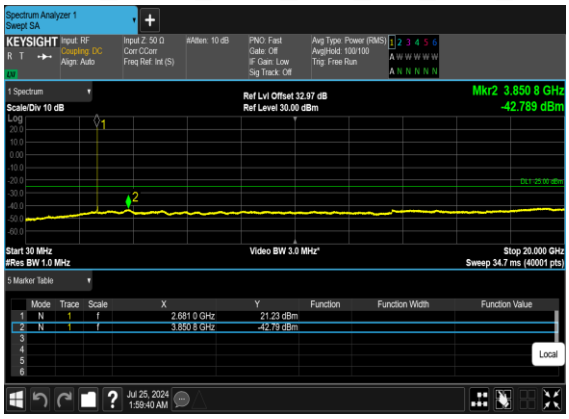


N41(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



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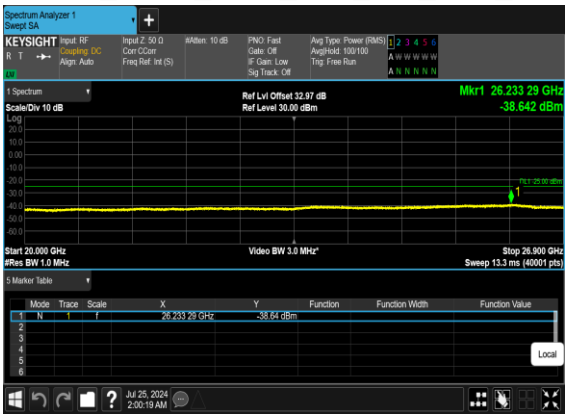
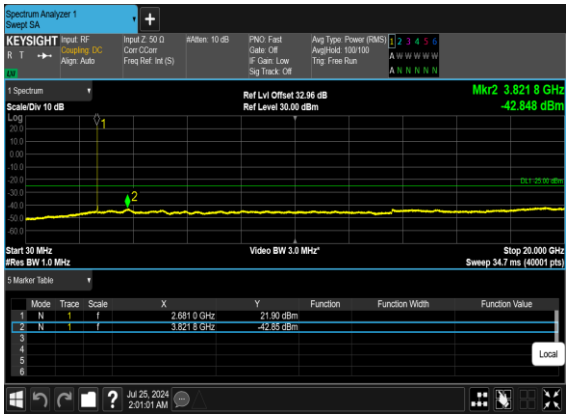
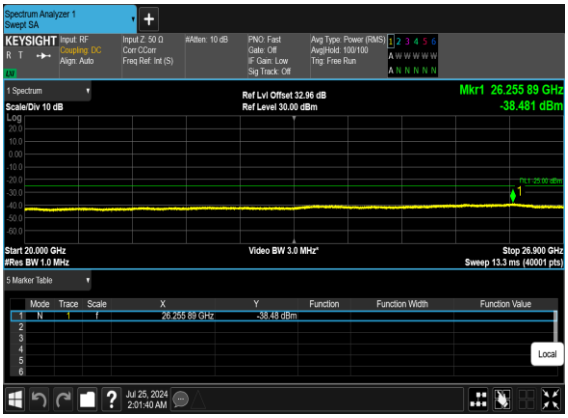


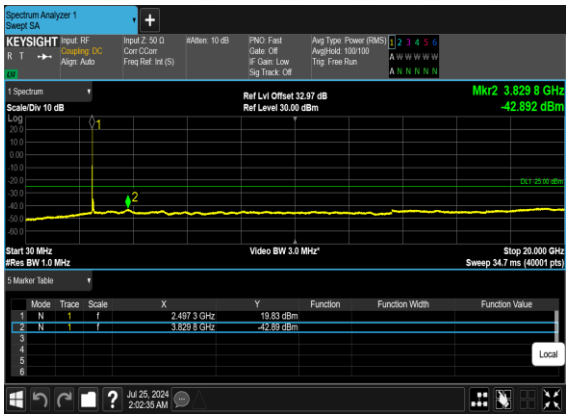
N41(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH



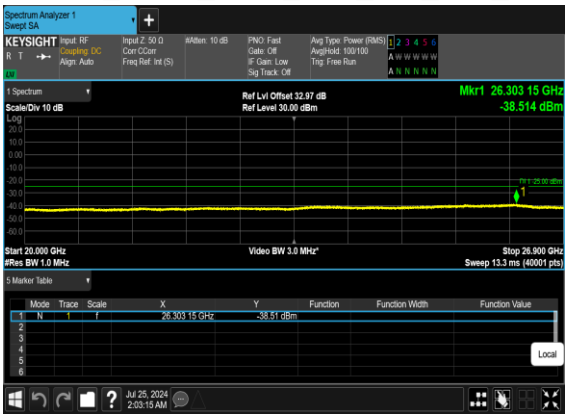
N41(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH



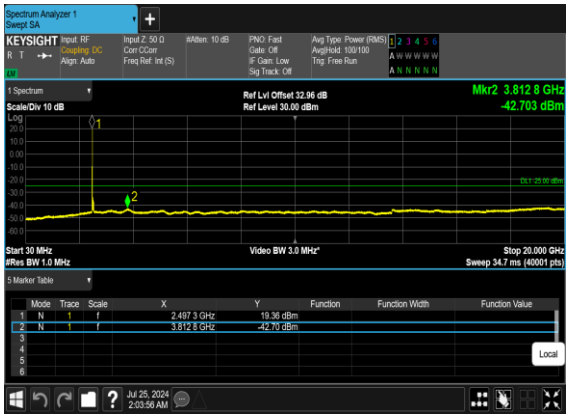
N41(50M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



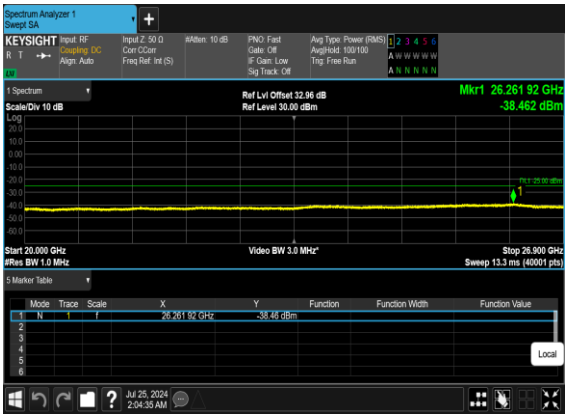
N41(50M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



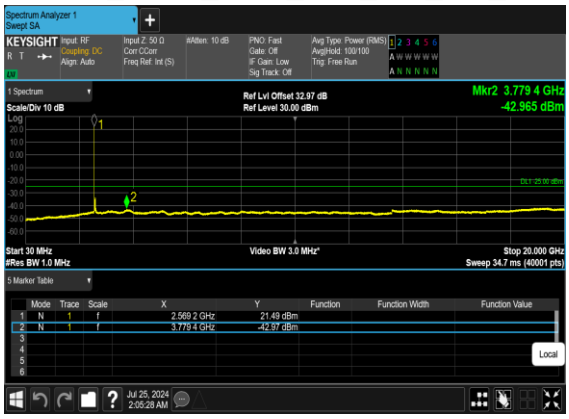
N41(50M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



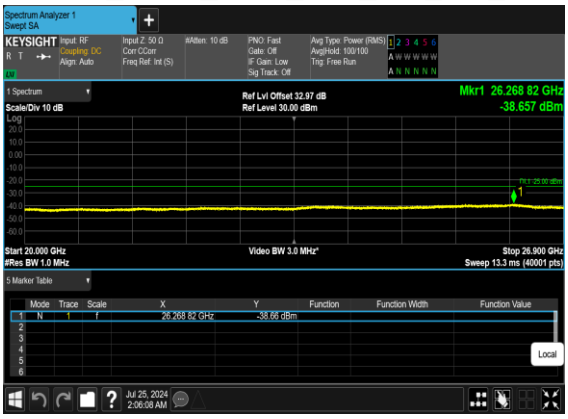
N41(50M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



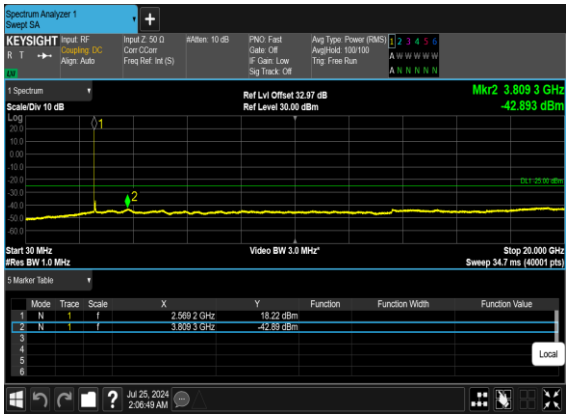
N41(50M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



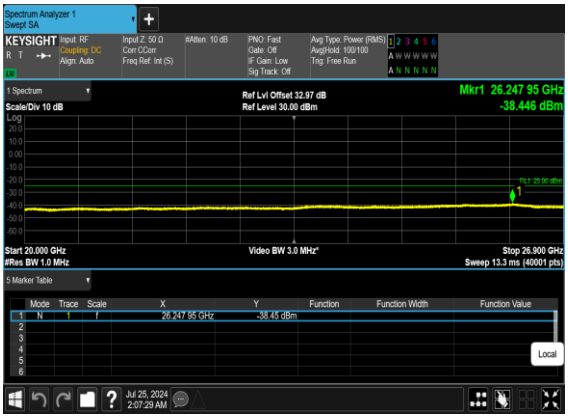
N41(50M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



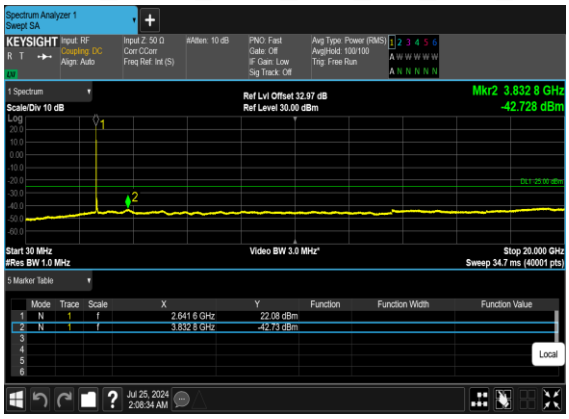
N41(50M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



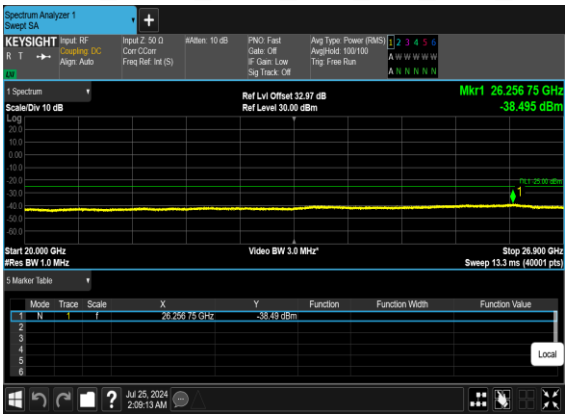
N41(50M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



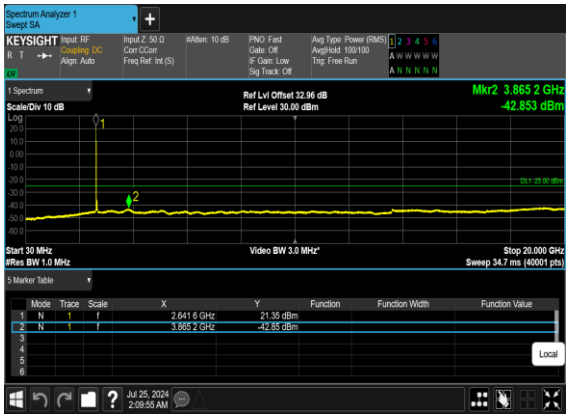
N41(50M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



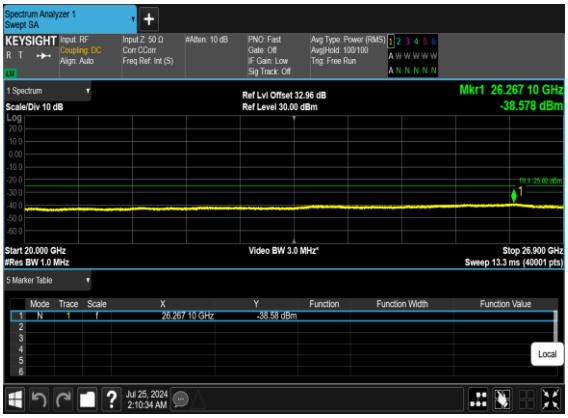
N41(50M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



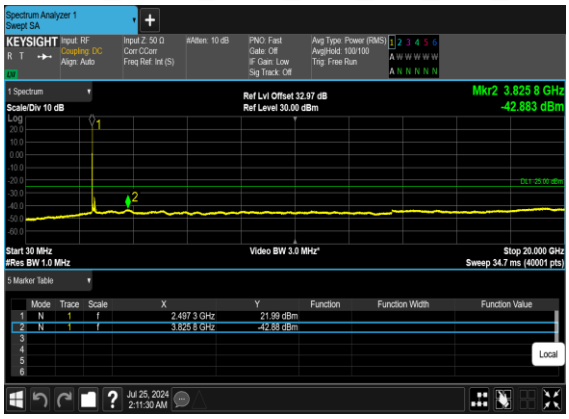
N41(50M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH



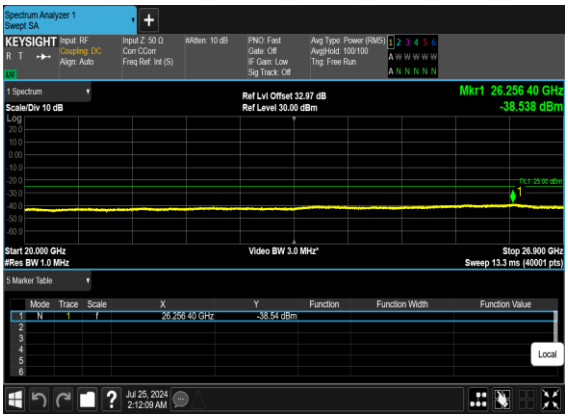
N41(50M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH



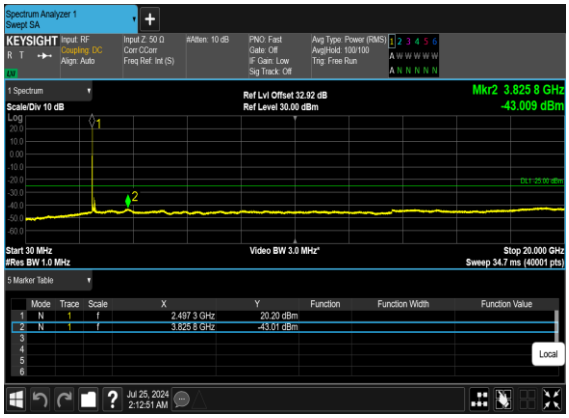
N41(100M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



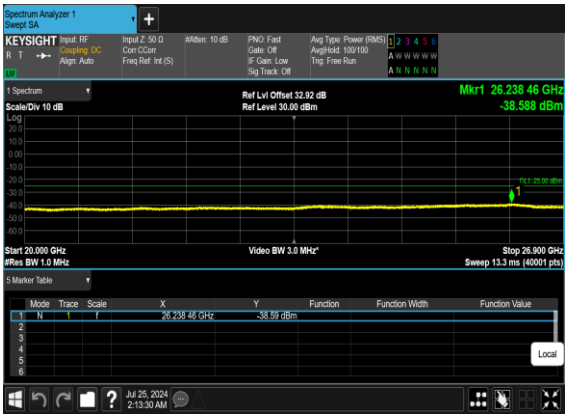
N41(100M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



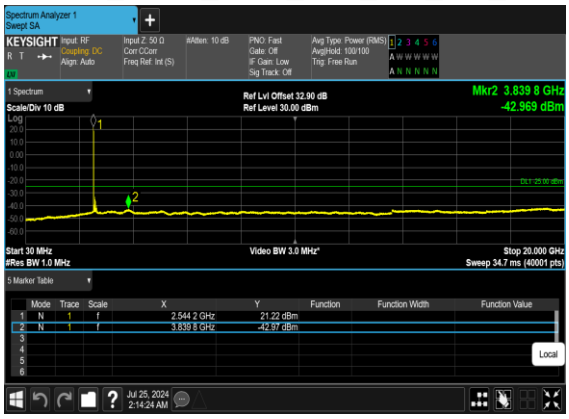
N41(100M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



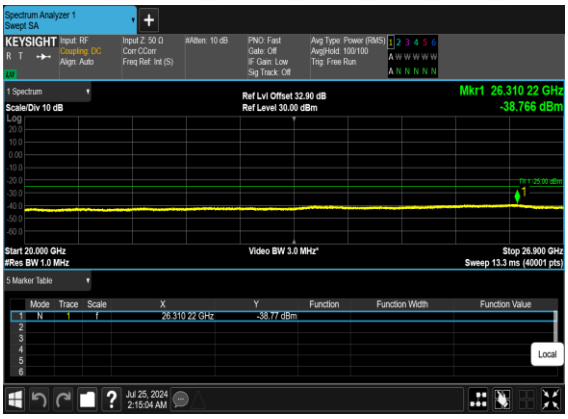
N41(100M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



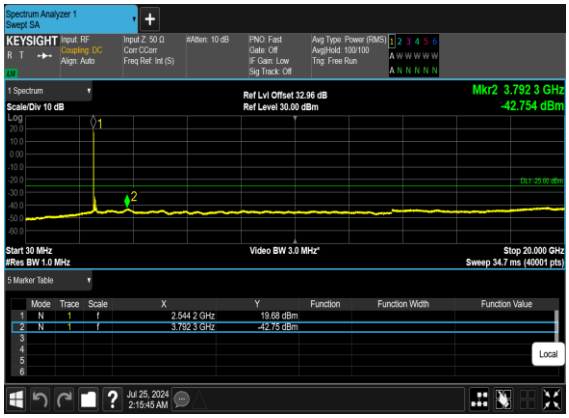
N41(100M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



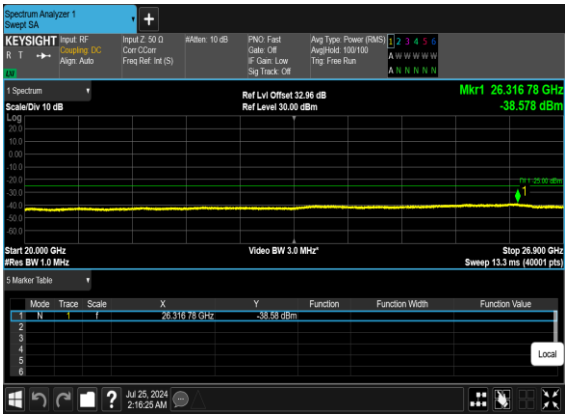
N41(100M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



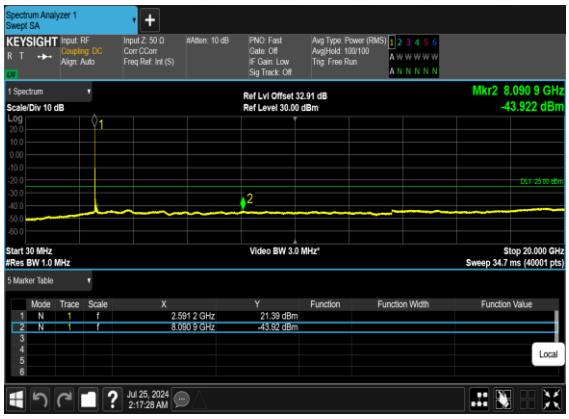
N41(100M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



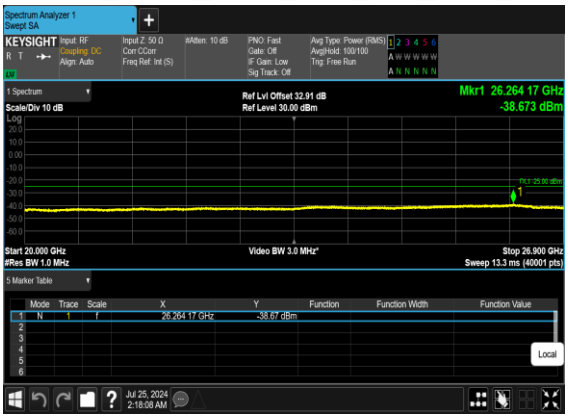
N41(100M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



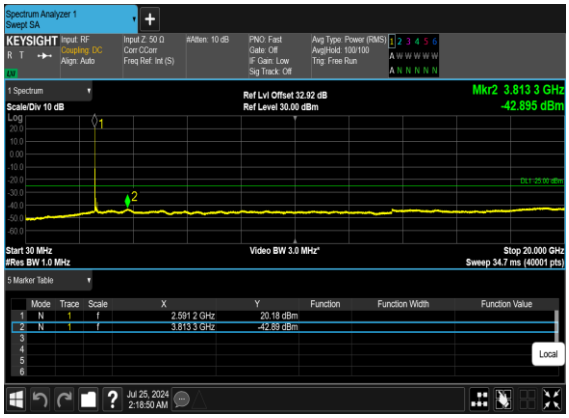
N41(100M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



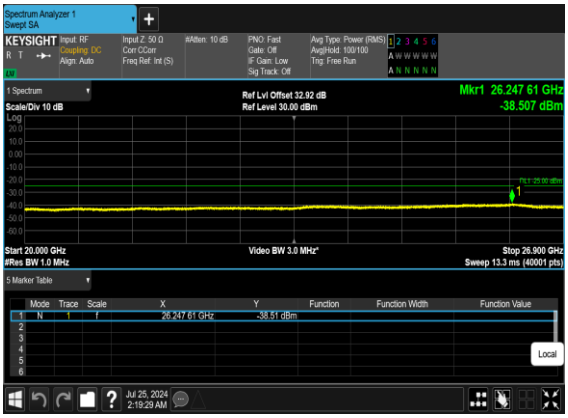
N41(100M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



N41(100M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH



N41(100M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH

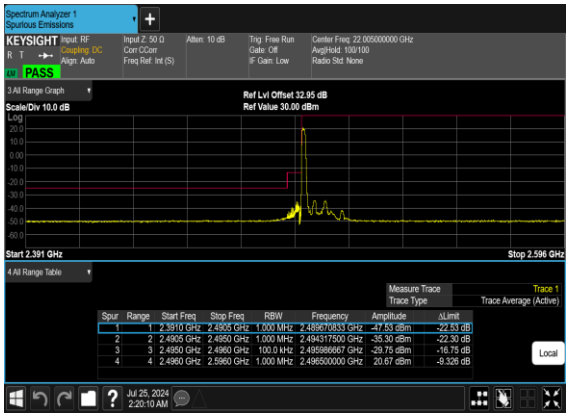


Conducted Band Edge

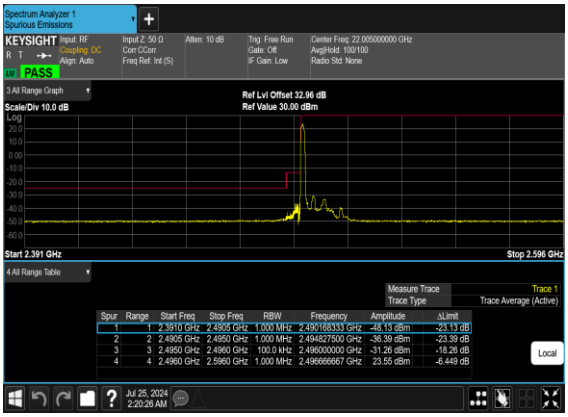
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
41	30	10	500202	2501.01	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
41	30	10	500202	2501.01	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
41	30	10	500202	2501.01	DFT-s-OFDM BPSK	24@0	see graph	**PASS**
41	30	10	500202	2501.01	DFT-s-OFDM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

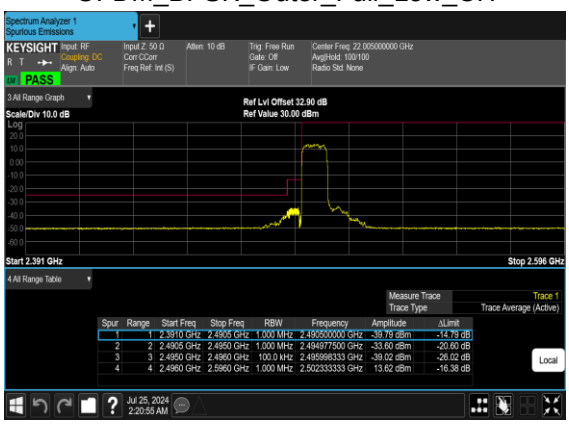
N41(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



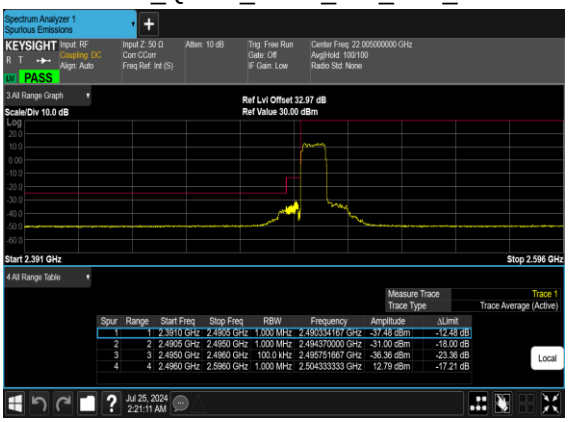
N41(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



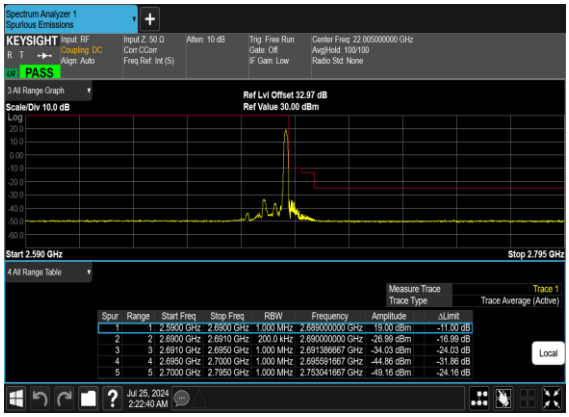
N41(10M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH



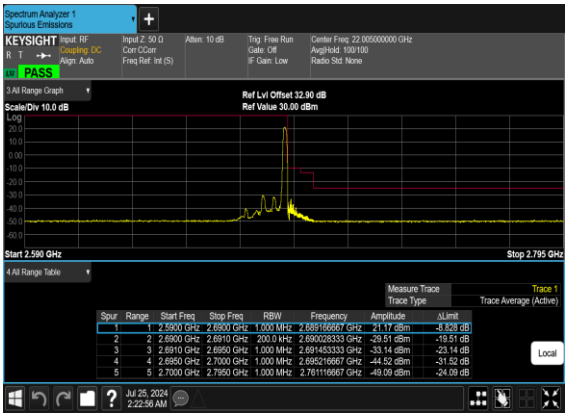
N41(10M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH



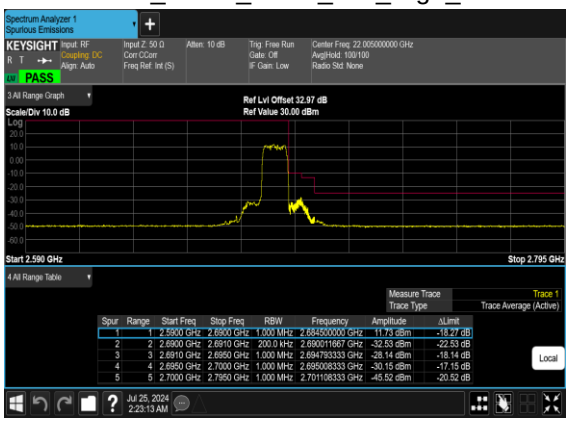
N41(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH



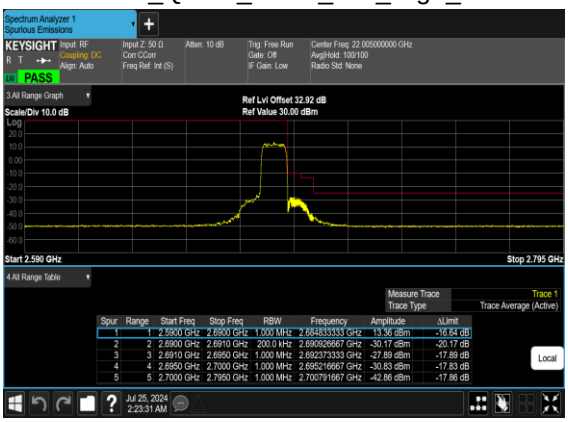
N41(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH



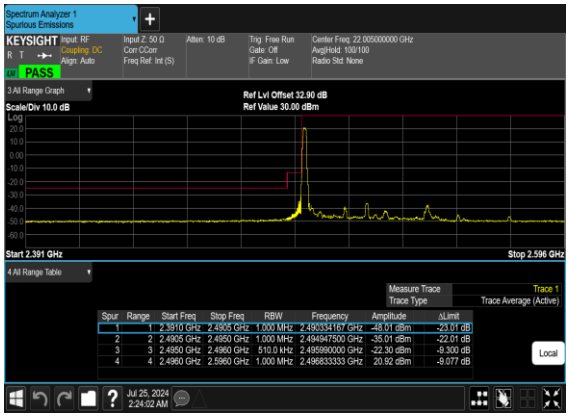
N41(10M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH



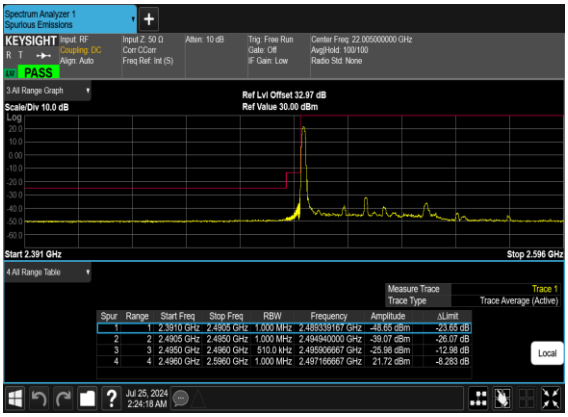
N41(10M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH



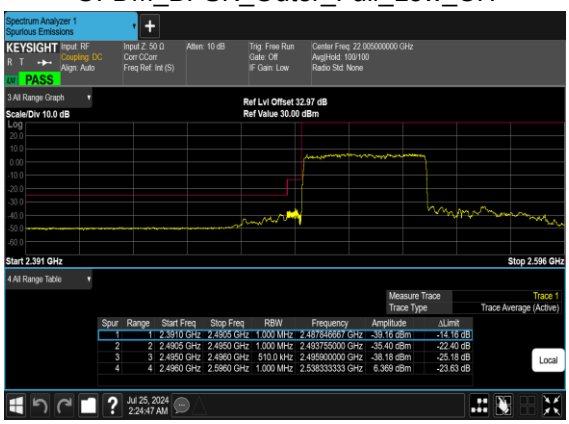
N41(50M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



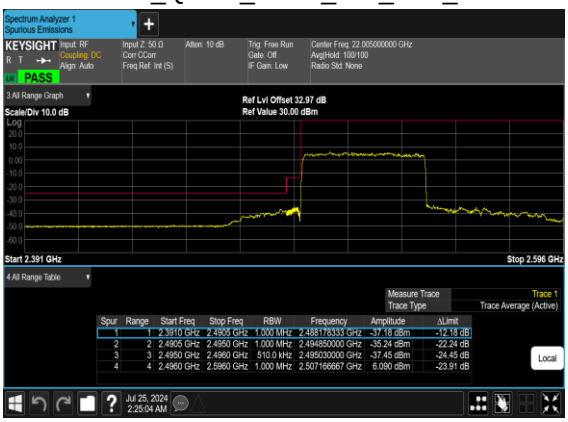
N41(50M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



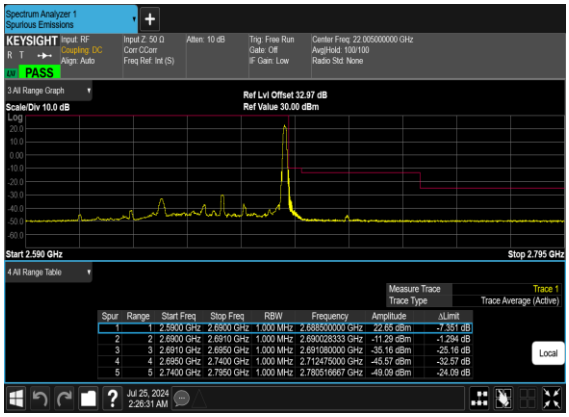
N41(50M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH



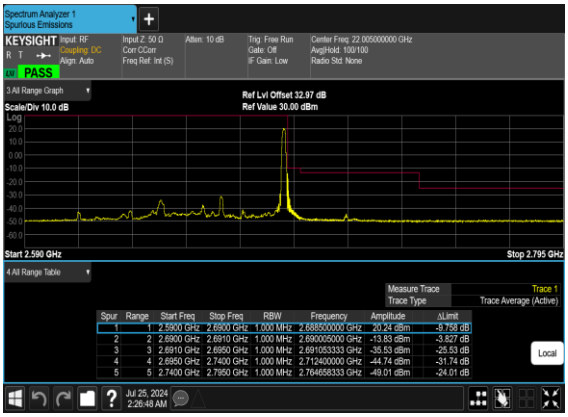
N41(50M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH



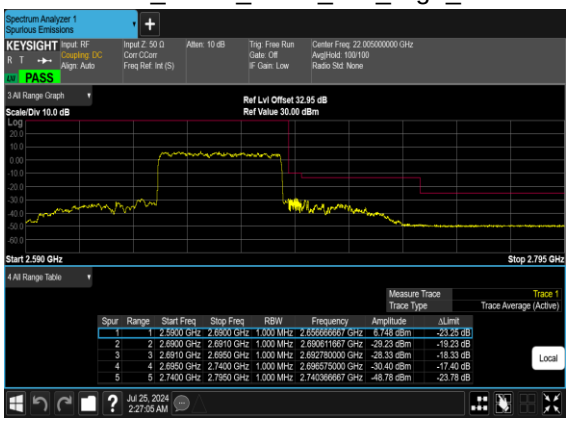
N41(50M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH



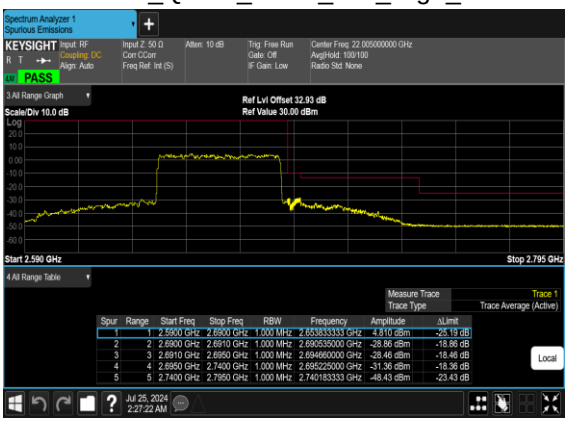
N41(50M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH



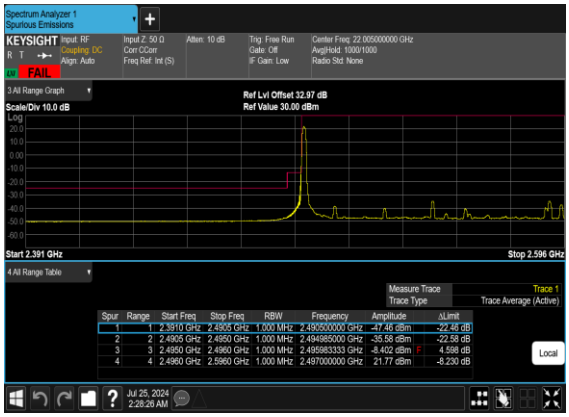
N41(50M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH



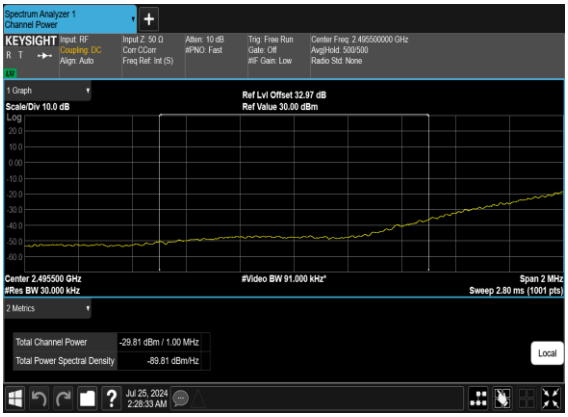
N41(50M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH



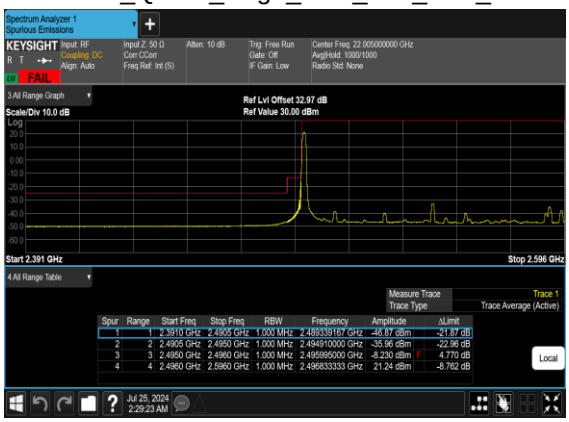
N41(100M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



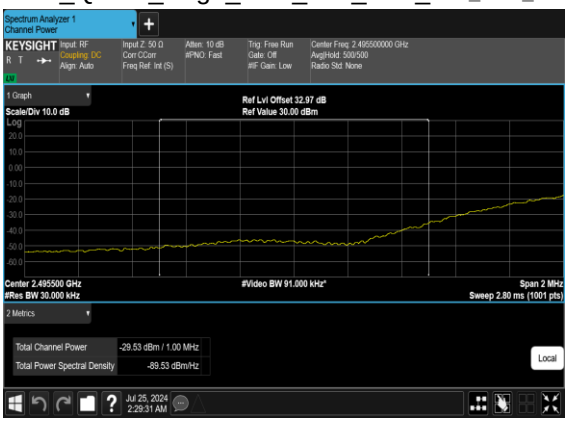
N41(100M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH_CHP_PASS



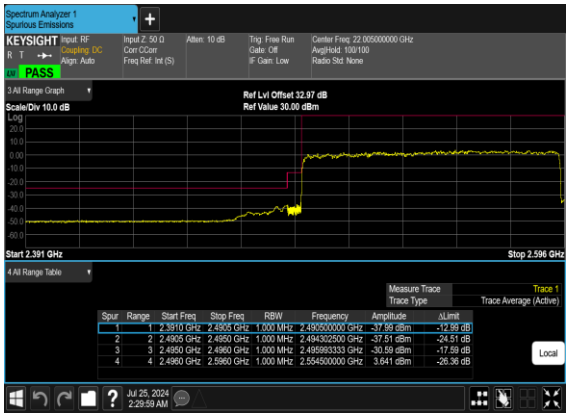
N41(100M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



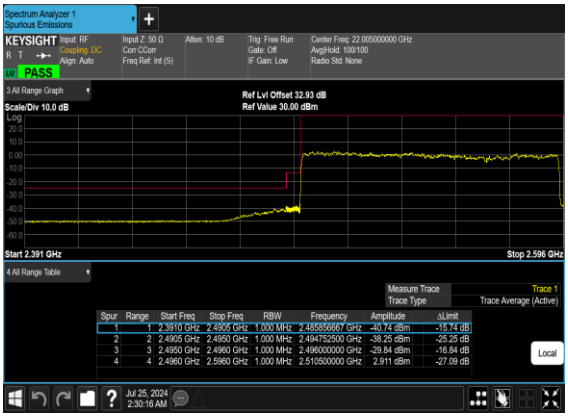
N41(100M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH_CHP_PASS



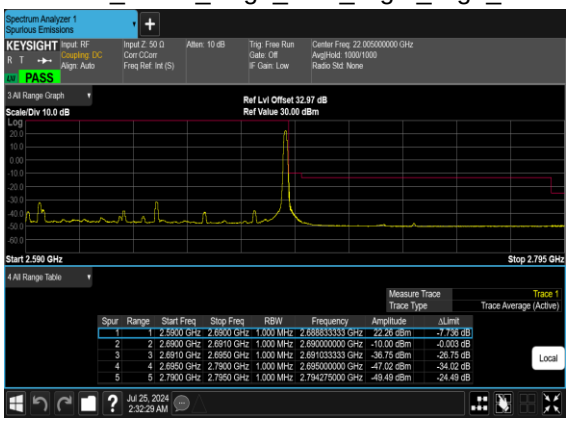
N41(100M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH



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_PASS