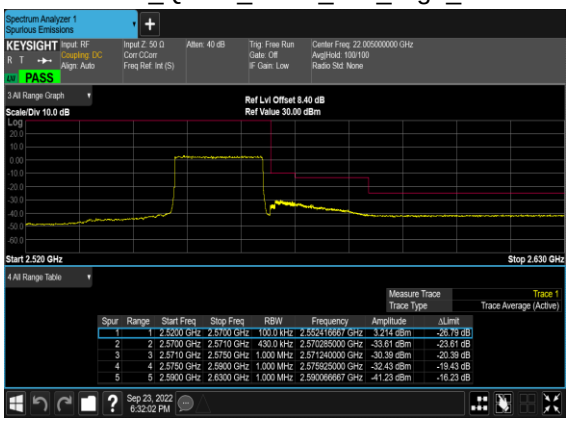
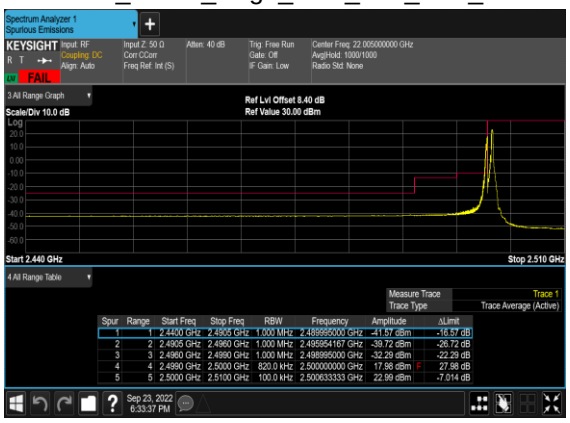
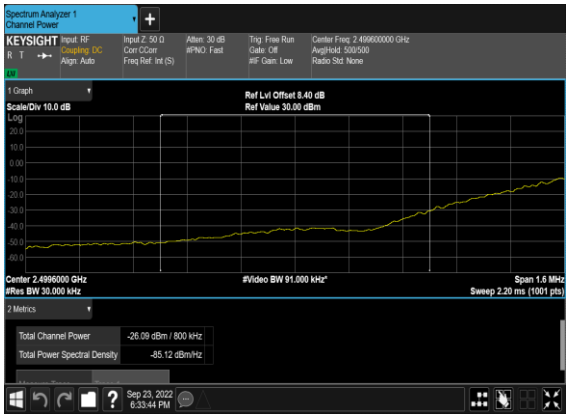
N7(20M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH



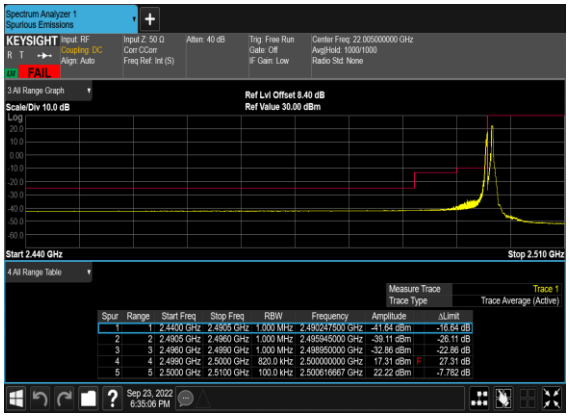
N7(40M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



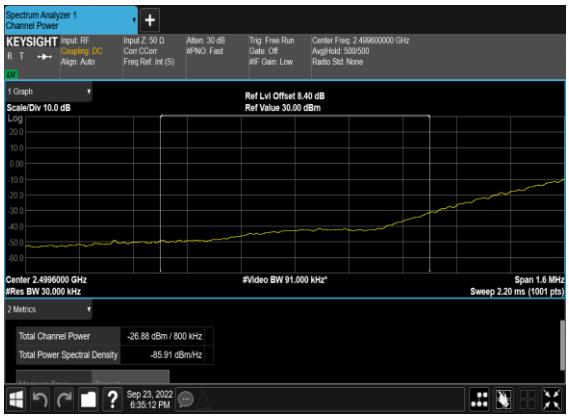
N7(40M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH_**CHP_PASS**



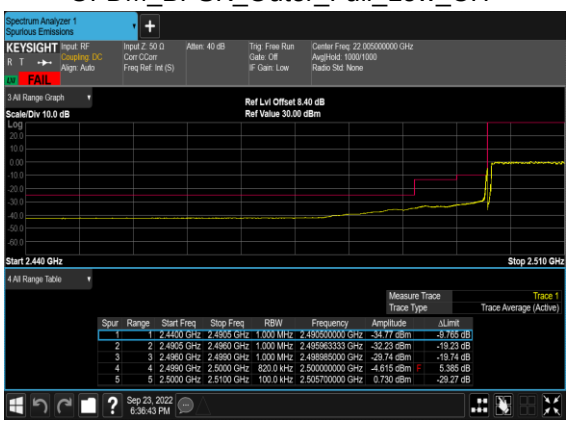
N7(40M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



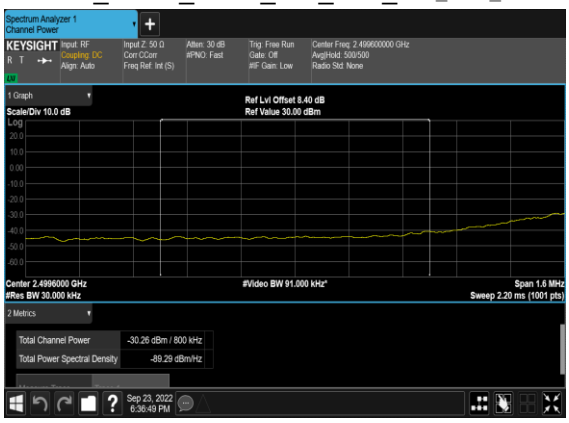
N7(40M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH_**CHP_PASS**



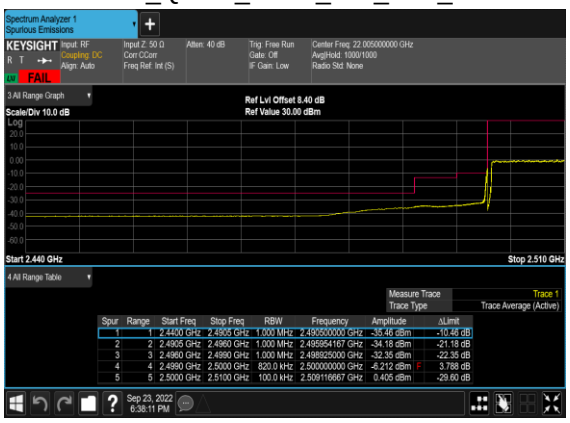
N7(40M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH



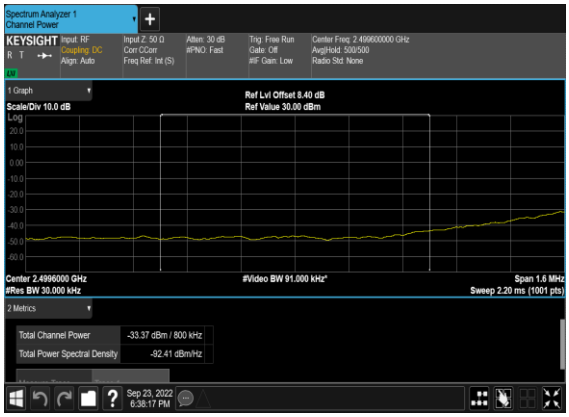
N7(40M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH_**CHP_PASS**



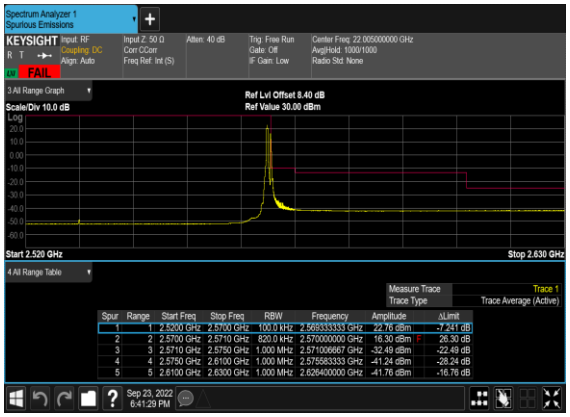
N7(40M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH



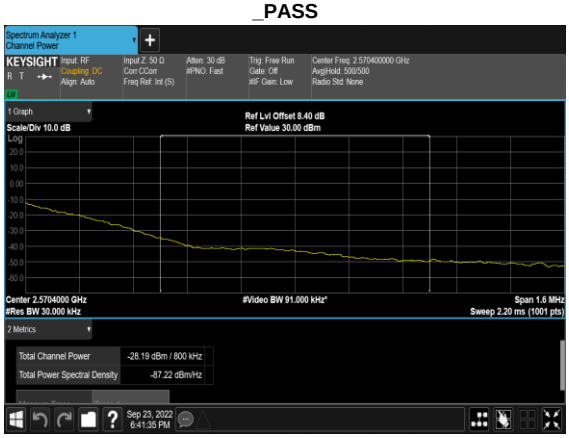
N7(40M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH_**CHP_PASS**



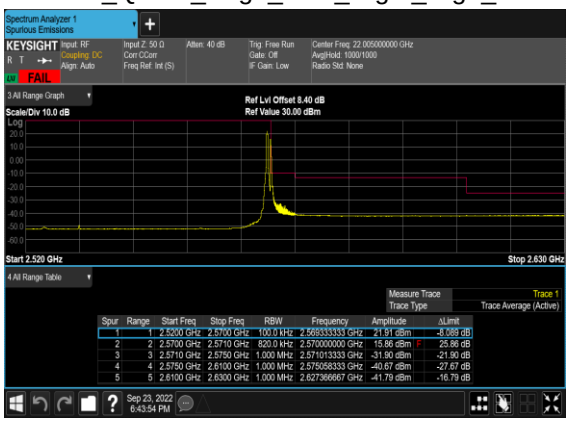
N7(40M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH



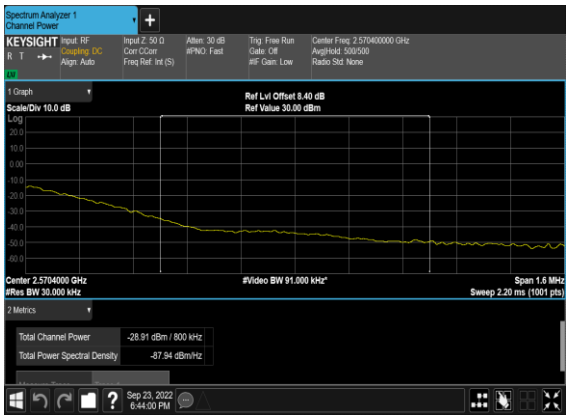
N7(40M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH_**CHP_PASS**



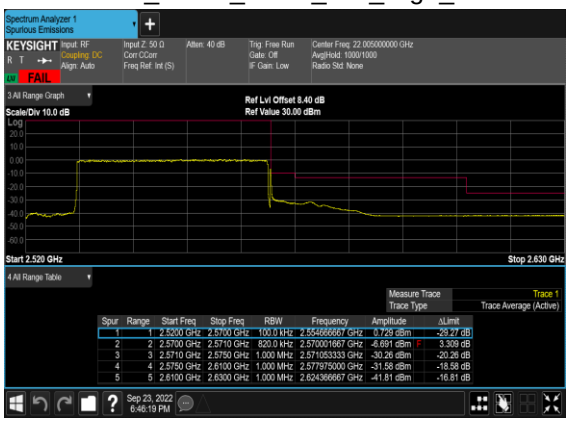
N7(40M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH



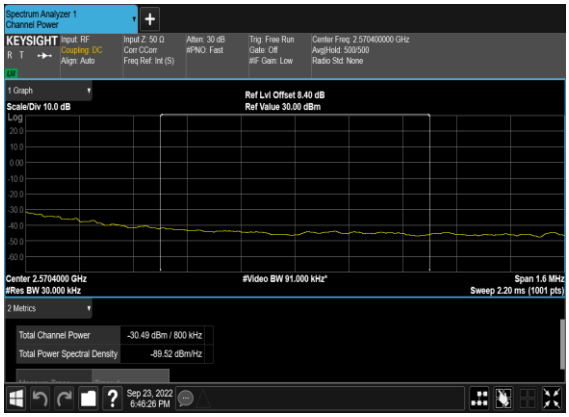
N7(40M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH_CHP_PASS



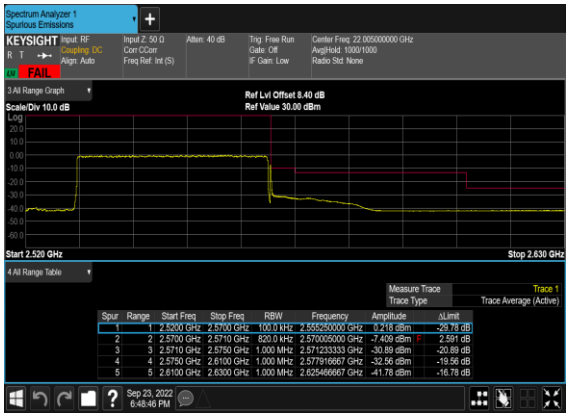
N7(40M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH



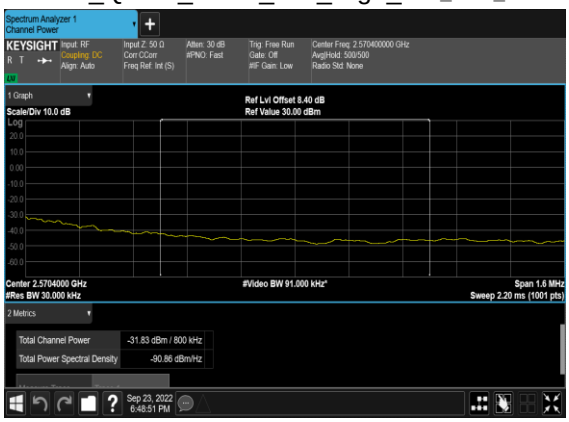
N7(40M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH_CHP_PASS



N7(40M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH



N7(40M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH_CHP_PASS



Software Version: 22.02.012001

FR1 N38(ANT6)

Transmitter Conducted Output Power And EIRP, (G_T-L_C)=-0.3dB

NR Band	SCS	BandWidth	Arfcn	Freq(MHz)	Modulation	RB	Conducted Power(dBm)	EIRP(dBm)	EIRP(W)
38	30	10	515000	2575	DFT-s-OFDM QPSK	1@1	23.99	23.69	0.2339
38	30	10	515000	2575	DFT-s-OFDM 16 QAM	1@1	23.15	22.85	0.1928
38	30	10	519000	2595	DFT-s-OFDM QPSK	1@1	23.98	23.68	0.2333
38	30	10	519000	2595	DFT-s-OFDM 16 QAM	1@1	23.1	22.8	0.1905
38	30	10	523000	2615	DFT-s-OFDM QPSK	1@1	23.91	23.61	0.2296
38	30	10	523000	2615	DFT-s-OFDM 16 QAM	1@1	22.96	22.66	0.1845
38	30	15	515500	2577.5	DFT-s-OFDM QPSK	1@1	24.13	23.83	0.2415
38	30	15	515500	2577.5	DFT-s-OFDM 16 QAM	1@1	23.2	22.9	0.1950
38	30	15	519000	2595	DFT-s-OFDM QPSK	1@1	24.07	23.77	0.2382
38	30	15	519000	2595	DFT-s-OFDM 16 QAM	1@1	23.18	22.88	0.1941
38	30	15	522500	2612.5	DFT-s-OFDM QPSK	1@1	24.05	23.75	0.2371
38	30	15	522500	2612.5	DFT-s-OFDM 16 QAM	1@1	23.04	22.74	0.1879
38	30	20	516000	2580	DFT-s-OFDM QPSK	1@1	24.12	23.82	0.2410
38	30	20	516000	2580	DFT-s-OFDM 16 QAM	1@1	23.2	22.9	0.1950
38	30	20	519000	2595	DFT-s-OFDM QPSK	1@1	24.06	23.76	0.2377
38	30	20	519000	2595	DFT-s-OFDM 16 QAM	1@1	23.14	22.84	0.1923
38	30	20	522000	2610	DFT-s-OFDM QPSK	1@1	24.01	23.71	0.2350
38	30	20	522000	2610	DFT-s-OFDM 16 QAM	1@1	23.07	22.77	0.1892
38	30	30	517000	2585	DFT-s-OFDM QPSK	1@1	24.29	23.99	0.2506
38	30	30	517000	2585	DFT-s-OFDM 16 QAM	1@1	23.41	23.11	0.2046
38	30	30	519000	2595	DFT-s-OFDM QPSK	1@1	24.25	23.95	0.2483
38	30	30	519000	2595	DFT-s-OFDM 16 QAM	1@1	23.32	23.02	0.2004
38	30	30	521000	2605	DFT-s-OFDM QPSK	1@1	24.03	23.73	0.2360
38	30	30	521000	2605	DFT-s-OFDM 16 QAM	1@1	23.17	22.87	0.1936
38	30	40	518000	2590	DFT-s-OFDM PI/2 BPSK	50@25	24.18	23.88	0.2443
38	30	40	518000	2590	DFT-s-OFDM PI/2 BPSK	1@1	24.32	24.02	0.2523
38	30	40	518000	2590	DFT-s-OFDM PI/2 BPSK	1@104	24.29	23.99	0.2506
38	30	40	518000	2590	DFT-s-OFDM QPSK	50@25	24.2	23.9	0.2455

38	30	40	518000	2590	DFT-s-OFDM QPSK	1@1	24.38	24.08	0.2559
38	30	40	518000	2590	DFT-s-OFDM QPSK	1@104	24.42	24.12	0.2582
38	30	40	518000	2590	DFT-s-OFDM 16 QAM	50@25	23.18	22.88	0.1941
38	30	40	518000	2590	DFT-s-OFDM 16 QAM	1@1	23.46	23.16	0.2070
38	30	40	518000	2590	DFT-s-OFDM 16 QAM	1@104	23.39	23.09	0.2037
38	30	40	518000	2590	DFT-s-OFDM 64 QAM	50@25	21.72	21.42	0.1387
38	30	40	518000	2590	DFT-s-OFDM 64 QAM	1@1	21.91	21.61	0.1449
38	30	40	518000	2590	DFT-s-OFDM 64 QAM	1@104	21.93	21.63	0.1455
38	30	40	518000	2590	DFT-s-OFDM 256 QAM	50@25	19.6	19.3	0.0851
38	30	40	518000	2590	DFT-s-OFDM 256 QAM	1@1	19.64	19.34	0.0859
38	30	40	518000	2590	DFT-s-OFDM 256 QAM	1@104	19.66	19.36	0.0863
38	30	40	518000	2590	CP-OFDM QPSK	53@26	22.68	22.38	0.1730
38	30	40	518000	2590	CP-OFDM QPSK	1@1	22.83	22.53	0.1791
38	30	40	518000	2590	CP-OFDM QPSK	1@104	22.89	22.59	0.1816
38	30	40	519000	2595	DFT-s-OFDM PI/2 BPSK	50@25	24.11	23.81	0.2404
38	30	40	519000	2595	DFT-s-OFDM PI/2 BPSK	1@1	24.27	23.97	0.2495
38	30	40	519000	2595	DFT-s-OFDM PI/2 BPSK	1@104	24.34	24.04	0.2535
38	30	40	519000	2595	DFT-s-OFDM QPSK	50@25	24.16	23.86	0.2432
38	30	40	519000	2595	DFT-s-OFDM QPSK	1@1	24.26	23.96	0.2489
38	30	40	519000	2595	DFT-s-OFDM QPSK	1@104	24.29	23.99	0.2506
38	30	40	519000	2595	DFT-s-OFDM 16 QAM	50@25	23.16	22.86	0.1932
38	30	40	519000	2595	DFT-s-OFDM 16 QAM	1@1	23.34	23.04	0.2014
38	30	40	519000	2595	DFT-s-OFDM 16 QAM	1@104	23.34	23.04	0.2014
38	30	40	519000	2595	DFT-s-OFDM 64 QAM	50@25	21.71	21.41	0.1384
38	30	40	519000	2595	DFT-s-OFDM 64 QAM	1@1	21.82	21.52	0.1419
38	30	40	519000	2595	DFT-s-OFDM 64 QAM	1@104	21.86	21.56	0.1432
38	30	40	519000	2595	DFT-s-OFDM 256 QAM	50@25	19.62	19.32	0.0855
38	30	40	519000	2595	DFT-s-OFDM 256 QAM	1@1	19.64	19.34	0.0859
38	30	40	519000	2595	DFT-s-OFDM 256 QAM	1@104	19.68	19.38	0.0867
38	30	40	519000	2595	CP-OFDM QPSK	53@26	22.7	22.4	0.1738
38	30	40	519000	2595	CP-OFDM QPSK	1@1	22.79	22.49	0.1774
38	30	40	519000	2595	CP-OFDM QPSK	1@104	22.8	22.5	0.1778
38	30	40	520000	2600	DFT-s-OFDM PI/2 BPSK	50@25	24.16	23.86	0.2432
38	30	40	520000	2600	DFT-s-OFDM PI/2 BPSK	1@1	24.26	23.96	0.2489
38	30	40	520000	2600	DFT-s-OFDM PI/2	1@1	24.32	24.02	0.2523

					BPSK	04			
38	30	40	520000	2600	DFT-s-OFDM QPSK	50@25	24.19	23.89	0.2449
38	30	40	520000	2600	DFT-s-OFDM QPSK	1@1	24.28	23.98	0.2500
38	30	40	520000	2600	DFT-s-OFDM QPSK	1@104	24.23	23.93	0.2472
38	30	40	520000	2600	DFT-s-OFDM 16 QAM	50@25	23.19	22.89	0.1945
38	30	40	520000	2600	DFT-s-OFDM 16 QAM	1@1	23.36	23.06	0.2023
38	30	40	520000	2600	DFT-s-OFDM 16 QAM	1@104	23.35	23.05	0.2018
38	30	40	520000	2600	DFT-s-OFDM 64 QAM	50@25	21.7	21.4	0.1380
38	30	40	520000	2600	DFT-s-OFDM 64 QAM	1@1	21.86	21.56	0.1432
38	30	40	520000	2600	DFT-s-OFDM 64 QAM	1@104	21.9	21.6	0.1445
38	30	40	520000	2600	DFT-s-OFDM 256 QAM	50@25	19.62	19.32	0.0855
38	30	40	520000	2600	DFT-s-OFDM 256 QAM	1@1	19.61	19.31	0.0853
38	30	40	520000	2600	DFT-s-OFDM 256 QAM	1@104	19.72	19.42	0.0875
38	30	40	520000	2600	CP-OFDM QPSK	53@26	22.64	22.34	0.1714
38	30	40	520000	2600	CP-OFDM QPSK	1@1	22.76	22.46	0.1762
38	30	40	520000	2600	CP-OFDM QPSK	1@104	22.7	22.4	0.1738

Software Version: 22.09.0601

FR1 N41(ANT6)

Transmitter Conducted Output Power And ERP/EIRP, (G_T - L_C)=-0.3dB

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Conducted Power(dBm)	EIRP (dBm)	EIRP (W)
41	30	10	500202	2501.01	DFT-s-OFDM QPSK	1@1	24.72	24.42	0.2767
41	30	10	500202	2501.01	DFT-s-OFDM 16 QAM	1@1	23.83	23.53	0.2254
41	30	10	518598	2592.99	DFT-s-OFDM QPSK	1@1	24.63	24.33	0.271
41	30	10	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	23.72	23.42	0.2198
41	30	10	537000	2685.0	DFT-s-OFDM QPSK	1@1	24.39	24.09	0.2564
41	30	10	537000	2685.0	DFT-s-OFDM 16 QAM	1@1	23.47	23.17	0.2075
41	30	15	500700	2503.5	DFT-s-OFDM QPSK	1@1	24.95	24.65	0.2917
41	30	15	500700	2503.5	DFT-s-OFDM 16 QAM	1@1	23.87	23.57	0.2275
41	30	15	518598	2592.99	DFT-s-OFDM QPSK	1@1	24.76	24.46	0.2793
41	30	15	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	23.82	23.52	0.2249
41	30	15	536496	2682.48	DFT-s-OFDM QPSK	1@1	24.39	24.09	0.2564
41	30	15	536496	2682.48	DFT-s-OFDM 16 QAM	1@1	23.49	23.19	0.2084
41	30	20	501204	2506.02	DFT-s-OFDM QPSK	1@1	24.89	24.59	0.2877
41	30	20	501204	2506.02	DFT-s-OFDM 16 QAM	1@1	23.96	23.66	0.2323
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	1@1	24.82	24.52	0.2831
41	30	20	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	23.91	23.61	0.2296
41	30	20	535998	2679.99	DFT-s-OFDM QPSK	1@1	24.23	23.93	0.2472
41	30	20	535998	2679.99	DFT-s-OFDM 16 QAM	1@1	23.36	23.06	0.2023
41	30	30	502200	2511.0	DFT-s-OFDM QPSK	1@1	24.89	24.59	0.2877

41	30	30	502200	2511.0	DFT-s-OFDM 16 QAM	1@1	23.99	23.69	0.2339
41	30	30	518598	2592.99	DFT-s-OFDM QPSK	1@1	24.77	24.47	0.2799
41	30	30	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	23.91	23.61	0.2296
41	30	30	534996	2674.98	DFT-s-OFDM QPSK	1@1	24.21	23.91	0.246
41	30	30	534996	2674.98	DFT-s-OFDM 16 QAM	1@1	23.29	22.99	0.1991
41	30	40	503202	2516.01	DFT-s-OFDM QPSK	1@1	24.95	24.65	0.2917
41	30	40	503202	2516.01	DFT-s-OFDM 16 QAM	1@1	24.1	23.8	0.2399
41	30	40	518598	2592.99	DFT-s-OFDM QPSK	1@1	24.71	24.41	0.2761
41	30	40	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	23.78	23.48	0.2228
41	30	40	534000	2670.0	DFT-s-OFDM QPSK	1@1	24.6	24.3	0.2692
41	30	40	534000	2670.0	DFT-s-OFDM 16 QAM	1@1	23.76	23.46	0.2218
41	30	50	504204	2521.02	DFT-s-OFDM QPSK	1@1	24.95	24.65	0.2917
41	30	50	504204	2521.02	DFT-s-OFDM 16 QAM	1@1	24.03	23.73	0.236
41	30	50	518598	2592.99	DFT-s-OFDM QPSK	1@1	24.49	24.19	0.2624
41	30	50	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	23.7	23.4	0.2188
41	30	50	532998	2664.99	DFT-s-OFDM QPSK	1@1	24.71	24.41	0.2761
41	30	50	532998	2664.99	DFT-s-OFDM 16 QAM	1@1	23.72	23.42	0.2198
41	30	60	505200	2526.0	DFT-s-OFDM QPSK	1@1	24.87	24.57	0.2864
41	30	60	505200	2526.0	DFT-s-OFDM 16 QAM	1@1	24.04	23.74	0.2366
41	30	60	518598	2592.99	DFT-s-OFDM QPSK	1@1	24.43	24.13	0.2588
41	30	60	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	23.53	23.23	0.2104
41	30	60	531996	2659.98	DFT-s-OFDM QPSK	1@1	24.68	24.38	0.2742
41	30	60	531996	2659.98	DFT-s-OFDM 16 QAM	1@1	23.77	23.47	0.2223
41	30	70	505200	2531.01	DFT-s-OFDM QPSK	1@1	24.72	24.42	0.2767

41	30	70	505200	2531.01	DFT-s-OFDM 16 QAM	1@1	23.77	23.47	0.2223
41	30	70	518598	2592.99	DFT-s-OFDM QPSK	1@1	24.23	23.93	0.2472
41	30	70	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	23.43	23.13	0.2056
41	30	70	531996	2655.0	DFT-s-OFDM QPSK	1@1	24.28	23.98	0.25
41	30	70	531996	2655.0	DFT-s-OFDM 16 QAM	1@1	23.34	23.04	0.2014
41	30	80	507204	2536.02	DFT-s-OFDM QPSK	1@1	24.73	24.43	0.2773
41	30	80	507204	2536.02	DFT-s-OFDM 16 QAM	1@1	23.73	23.43	0.2203
41	30	80	518598	2592.99	DFT-s-OFDM QPSK	1@1	24.25	23.95	0.2483
41	30	80	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	23.34	23.04	0.2014
41	30	80	529998	2649.99	DFT-s-OFDM QPSK	1@1	24.05	23.75	0.2371
41	30	80	529998	2649.99	DFT-s-OFDM 16 QAM	1@1	23.27	22.97	0.1982
41	30	90	508200	2541.0	DFT-s-OFDM QPSK	1@1	24.72	24.42	0.2767
41	30	90	508200	2541.0	DFT-s-OFDM 16 QAM	1@1	23.8	23.5	0.2239
41	30	90	518598	2592.99	DFT-s-OFDM QPSK	1@1	24.2	23.9	0.2455
41	30	90	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	23.38	23.08	0.2032
41	30	90	528996	2644.98	DFT-s-OFDM QPSK	1@1	24.19	23.89	0.2449
41	30	90	528996	2644.98	DFT-s-OFDM 16 QAM	1@1	23.45	23.15	0.2065
41	30	100	509202	2546.01	DFT-s-OFDM PI/2 BPSK	135@67	24.62	24.32	0.2704
41	30	100	509202	2546.01	DFT-s-OFDM PI/2 BPSK	1@1	24.83	24.53	0.2838
41	30	100	509202	2546.01	DFT-s-OFDM PI/2 BPSK	1@271	24.84	24.54	0.2844
41	30	100	509202	2546.01	DFT-s-OFDM QPSK	135@67	24.58	24.28	0.2679
41	30	100	509202	2546.01	DFT-s-OFDM QPSK	1@1	24.72	24.42	0.2767
41	30	100	509202	2546.01	DFT-s-OFDM QPSK	1@271	24.81	24.51	0.2825
41	30	100	509202	2546.01	DFT-s-OFDM 16 QAM	135@67	23.62	23.32	0.2148

41	30	100	509202	2546.01	DFT-s-OFDM 16 QAM	1@1	23.82	23.52	0.2249
41	30	100	509202	2546.01	DFT-s-OFDM 16 QAM	1@271	23.88	23.58	0.228
41	30	100	509202	2546.01	DFT-s-OFDM 64 QAM	135@67	22.09	21.79	0.151
41	30	100	509202	2546.01	DFT-s-OFDM 64 QAM	1@1	22.24	21.94	0.1563
41	30	100	509202	2546.01	DFT-s-OFDM 64 QAM	1@271	22.35	22.05	0.1603
41	30	100	509202	2546.01	DFT-s-OFDM 256 QAM	135@67	20.1	19.8	0.0955
41	30	100	509202	2546.01	DFT-s-OFDM 256 QAM	1@1	20.18	19.88	0.0973
41	30	100	509202	2546.01	DFT-s-OFDM 256 QAM	1@271	20.27	19.97	0.0993
41	30	100	509202	2546.01	CP-OFDM QPSK	137@68	23.04	22.74	0.1879
41	30	100	509202	2546.01	CP-OFDM QPSK	1@1	23.26	22.96	0.1977
41	30	100	509202	2546.01	CP-OFDM QPSK	1@271	23.34	23.04	0.2014
41	30	100	518598	2592.99	DFT-s-OFDM PI/2 BPSK	135@67	24.53	24.23	0.2649
41	30	100	518598	2592.99	DFT-s-OFDM PI/2 BPSK	1@1	24.35	24.05	0.2541
41	30	100	518598	2592.99	DFT-s-OFDM PI/2 BPSK	1@271	25.12	24.82	0.3034
41	30	100	518598	2592.99	DFT-s-OFDM QPSK	135@67	24.61	24.31	0.2698
41	30	100	518598	2592.99	DFT-s-OFDM QPSK	1@1	24.27	23.97	0.2495
41	30	100	518598	2592.99	DFT-s-OFDM QPSK	1@271	25.13	24.83	0.3041
41	30	100	518598	2592.99	DFT-s-OFDM 16 QAM	135@67	23.67	23.37	0.2173
41	30	100	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	23.33	23.03	0.2009
41	30	100	518598	2592.99	DFT-s-OFDM 16 QAM	1@271	24.19	23.89	0.2449
41	30	100	518598	2592.99	DFT-s-OFDM 64 QAM	135@67	22.14	21.84	0.1528
41	30	100	518598	2592.99	DFT-s-OFDM 64 QAM	1@1	21.79	21.49	0.1409
41	30	100	518598	2592.99	DFT-s-OFDM 64 QAM	1@271	22.62	22.32	0.1706
41	30	100	518598	2592.99	DFT-s-OFDM 256 QAM	135@67	20.12	19.82	0.0959

41	30	100	518598	2592.99	DFT-s-OFDM 256 QAM	1@1	19.65	19.35	0.0861
41	30	100	518598	2592.99	DFT-s-OFDM 256 QAM	1@271	20.43	20.13	0.103
41	30	100	518598	2592.99	CP-OFDM QPSK	137@68	23.06	22.76	0.1888
41	30	100	518598	2592.99	CP-OFDM QPSK	1@1	22.86	22.56	0.1803
41	30	100	518598	2592.99	CP-OFDM QPSK	1@271	23.51	23.21	0.2094
41	30	100	528000	2640.0	DFT-s-OFDM PI/2 BPSK	135@67	24.54	24.24	0.2655
41	30	100	528000	2640.0	DFT-s-OFDM PI/2 BPSK	1@1	24.47	24.17	0.2612
41	30	100	528000	2640.0	DFT-s-OFDM PI/2 BPSK	1@271	24.93	24.63	0.2904
41	30	100	528000	2640.0	DFT-s-OFDM QPSK	135@67	24.52	24.22	0.2642
41	30	100	528000	2640.0	DFT-s-OFDM QPSK	1@1	24.53	24.23	0.2649
41	30	100	528000	2640.0	DFT-s-OFDM QPSK	1@271	24.94	24.64	0.2911
41	30	100	528000	2640.0	DFT-s-OFDM 16 QAM	135@67	23.58	23.28	0.2128
41	30	100	528000	2640.0	DFT-s-OFDM 16 QAM	1@1	23.62	23.32	0.2148
41	30	100	528000	2640.0	DFT-s-OFDM 16 QAM	1@271	24.0	23.7	0.2344
41	30	100	528000	2640.0	DFT-s-OFDM 64 QAM	135@67	22.05	21.75	0.1496
41	30	100	528000	2640.0	DFT-s-OFDM 64 QAM	1@1	21.99	21.69	0.1476
41	30	100	528000	2640.0	DFT-s-OFDM 64 QAM	1@271	22.46	22.16	0.1644
41	30	100	528000	2640.0	DFT-s-OFDM 256 QAM	135@67	20.02	19.72	0.0938
41	30	100	528000	2640.0	DFT-s-OFDM 256 QAM	1@1	19.81	19.51	0.0893
41	30	100	528000	2640.0	DFT-s-OFDM 256 QAM	1@271	20.27	19.97	0.0993
41	30	100	528000	2640.0	CP-OFDM QPSK	137@68	22.97	22.67	0.1849
41	30	100	528000	2640.0	CP-OFDM QPSK	1@1	22.91	22.61	0.1824
41	30	100	528000	2640.0	CP-OFDM QPSK	1@271	23.43	23.13	0.2056

Frequency Stability

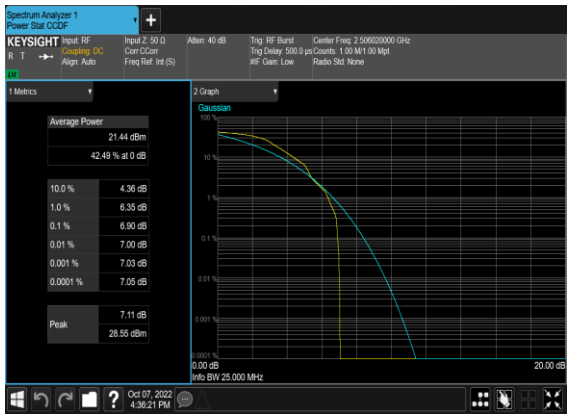
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Deviation (ppm)	Verdict	Environment
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	0.0034	**PASS**	NV
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	0.0036	**PASS**	LV
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	0.0039	**PASS**	HV
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	0.0049	**PASS**	-30℃
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	0.0035	**PASS**	-20℃
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	0.0022	**PASS**	-10℃
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	0.0021	**PASS**	0℃
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	0.0060	**PASS**	10℃
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	0.0034	**PASS**	20℃
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	0.0060	**PASS**	30℃
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	0.0031	**PASS**	40℃
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	0.0039	**PASS**	50℃

Peak to Average Radio

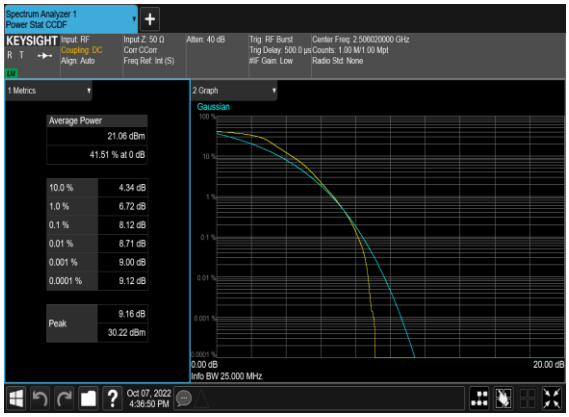
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result (dB)	Limit (dB)	Verdict
41	30	20	501204	2506.02	DFT-s-OFDM PI/2 BPSK	50@0	6.97	13	**PASS**
41	30	20	501204	2506.02	DFT-s-OFDM PI/2 BPSK	1@0	6.9	13	**PASS**
41	30	20	501204	2506.02	DFT-s-OFDM QPSK	50@0	8.12	13	**PASS**
41	30	20	501204	2506.02	DFT-s-OFDM QPSK	1@0	7.67	13	**PASS**
41	30	20	518598	2592.99	DFT-s-OFDM PI/2 BPSK	50@0	7.05	13	**PASS**
41	30	20	518598	2592.99	DFT-s-OFDM PI/2 BPSK	1@0	7.05	13	**PASS**
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	8.23	13	**PASS**
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	1@0	7.85	13	**PASS**
41	30	20	535998	2679.99	DFT-s-OFDM PI/2 BPSK	50@0	6.83	13	**PASS**
41	30	20	535998	2679.99	DFT-s-OFDM PI/2 BPSK	1@0	6.67	13	**PASS**
41	30	20	535998	2679.99	DFT-s-OFDM QPSK	50@0	8.03	13	**PASS**
41	30	20	535998	2679.99	DFT-s-OFDM QPSK	1@0	7.62	13	**PASS**

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

N41(20M)_DFT-s-OFDM_PI_2-BPSK_Edge_1RB_Left_Low_CH



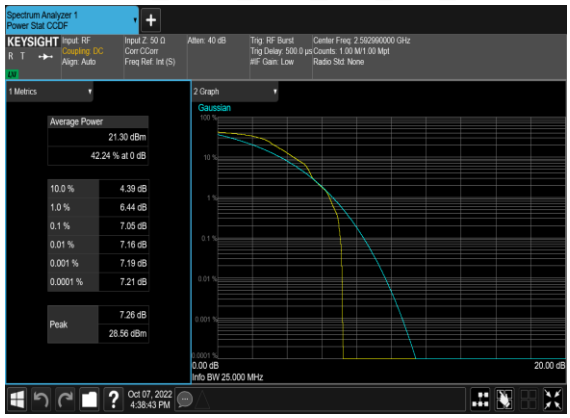
N41(20M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH



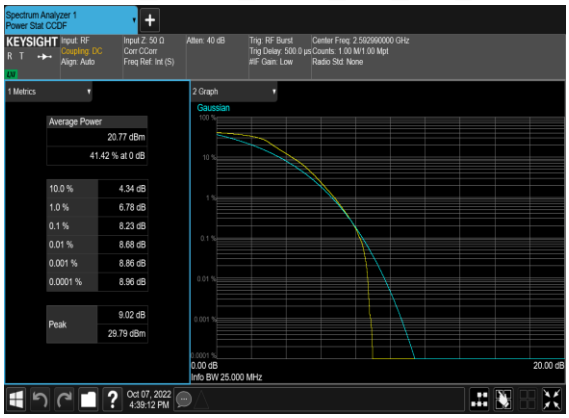
N41(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH

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

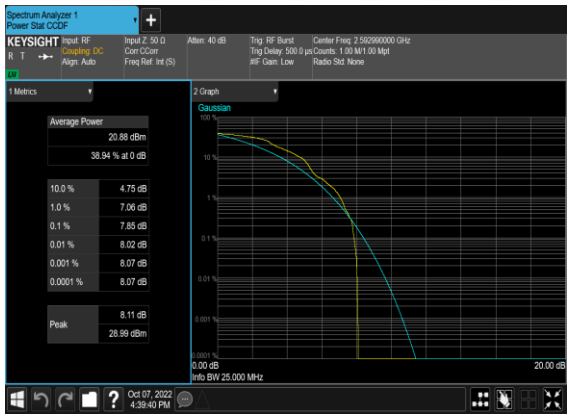
N41(20M)_DFT-s-OFDM_PI_2-BPSK_Edge_1RB_Left_Mid_CH



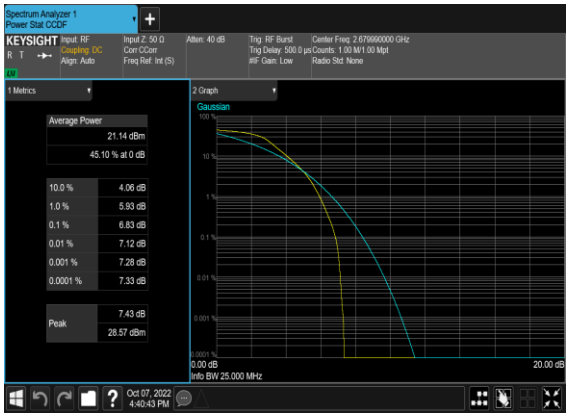
N41(20M)_DFT-s-OFDM_QPSK_Outer_Full_Mid_CH



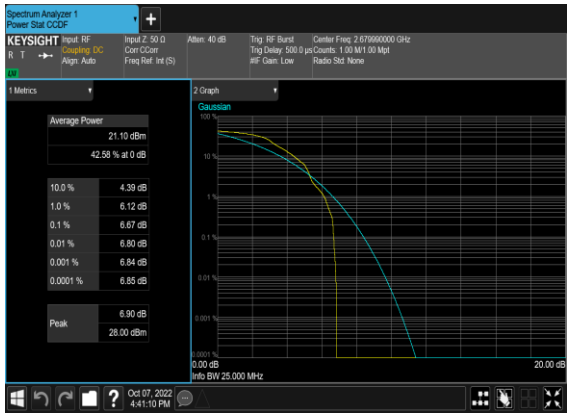
N41(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



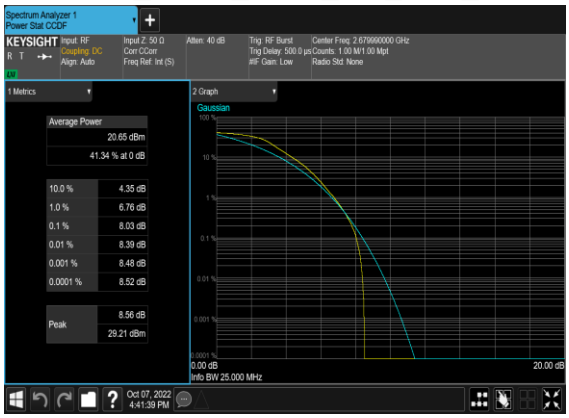
N41(20M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_High_CH



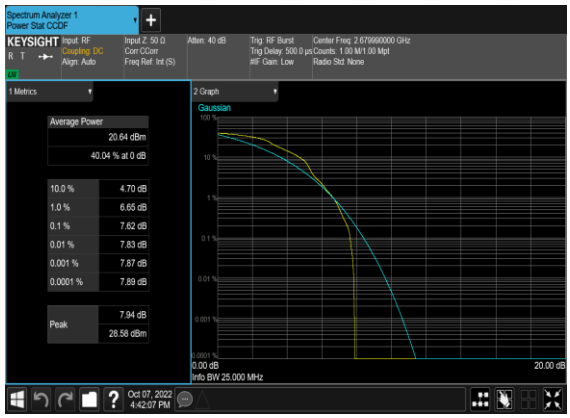
N41(20M)_DFT-s-OFDM_PI_2-BPSK_Edge_1RB_Left_High_CH



N41(20M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH



N41(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH



Occupied Bandwidth

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	OBW (MHz)	26dB OBW (MHz)
41	30	10	518598	2592.99	DFT-s-OFDM PI/2 BPSK	24@0	8.6114	9.707
41	30	10	518598	2592.99	DFT-s-OFDM QPSK	24@0	8.5877	9.7
41	30	10	518598	2592.99	CP-OFDM QPSK	24@0	8.574	9.742
41	30	10	518598	2592.99	CP-OFDM 16 QAM	24@0	8.581	9.62
41	30	10	518598	2592.99	CP-OFDM 64 QAM	24@0	8.6132	9.674
41	30	10	518598	2592.99	CP-OFDM 256 QAM	24@0	8.5698	9.302
41	30	15	518598	2592.99	DFT-s-OFDM PI/2 BPSK	36@0	12.844	14.18
41	30	15	518598	2592.99	DFT-s-OFDM QPSK	36@0	12.851	13.83
41	30	15	518598	2592.99	CP-OFDM QPSK	38@0	13.576	14.67
41	30	15	518598	2592.99	CP-OFDM 16 QAM	38@0	13.608	14.87
41	30	15	518598	2592.99	CP-OFDM 64 QAM	38@0	13.555	14.62
41	30	15	518598	2592.99	CP-OFDM 256 QAM	38@0	13.586	14.61
41	30	20	518598	2592.99	DFT-s-OFDM PI/2 BPSK	50@0	17.805	19.18
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	17.835	19.35
41	30	20	518598	2592.99	CP-OFDM QPSK	51@0	18.213	19.78
41	30	20	518598	2592.99	CP-OFDM 16 QAM	51@0	18.237	19.6
41	30	20	518598	2592.99	CP-OFDM 64 QAM	51@0	18.223	19.6
41	30	20	518598	2592.99	CP-OFDM 256 QAM	51@0	18.214	19.69
41	30	30	518598	2592.99	DFT-s-OFDM PI/2 BPSK	75@0	26.751	28.34
41	30	30	518598	2592.99	DFT-s-OFDM QPSK	75@0	26.716	28.42
41	30	30	518598	2592.99	CP-OFDM QPSK	78@0	27.79	29.34
41	30	30	518598	2592.99	CP-OFDM 16 QAM	78@0	27.877	29.56
41	30	30	518598	2592.99	CP-OFDM 64 QAM	78@0	27.819	29.37
41	30	30	518598	2592.99	CP-OFDM 256 QAM	78@0	27.909	29.47

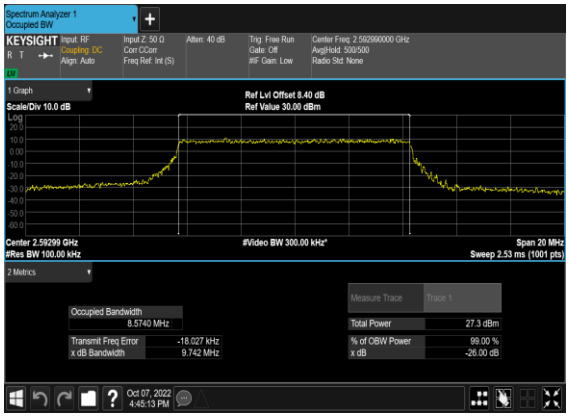
41	30	40	518598	2592.99	DFT-s-OFDM PI/2 BPSK	100@0	35.708	37.23
41	30	40	518598	2592.99	DFT-s-OFDM QPSK	100@0	35.709	37.47
41	30	40	518598	2592.99	CP-OFDM QPSK	106@0	37.782	39.62
41	30	40	518598	2592.99	CP-OFDM 16 QAM	106@0	37.8	39.88
41	30	40	518598	2592.99	CP-OFDM 64 QAM	106@0	37.778	39.63
41	30	40	518598	2592.99	CP-OFDM 256 QAM	106@0	37.886	39.78
41	30	50	518598	2592.99	DFT-s-OFDM PI/2 BPSK	128@0	45.772	47.52
41	30	50	518598	2592.99	DFT-s-OFDM QPSK	128@0	45.764	47.6
41	30	50	518598	2592.99	CP-OFDM QPSK	133@0	47.45	49.43
41	30	50	518598	2592.99	CP-OFDM 16 QAM	133@0	47.523	49.62
41	30	50	518598	2592.99	CP-OFDM 64 QAM	133@0	47.529	49.26
41	30	50	518598	2592.99	CP-OFDM 256 QAM	133@0	47.418	49.52
41	30	60	518598	2592.99	DFT-s-OFDM PI/2 BPSK	162@0	57.975	60.43
41	30	60	518598	2592.99	DFT-s-OFDM QPSK	162@0	57.865	60.24
41	30	60	518598	2592.99	CP-OFDM QPSK	162@0	57.807	60.3
41	30	60	518598	2592.99	CP-OFDM 16 QAM	162@0	57.771	60.11
41	30	60	518598	2592.99	CP-OFDM 64 QAM	162@0	57.84	59.99
41	30	60	518598	2592.99	CP-OFDM 256 QAM	162@0	57.738	60.1
41	30	70	518598	2592.99	DFT-s-OFDM PI/2 BPSK	180@0	64.311	66.53
41	30	70	518598	2592.99	DFT-s-OFDM QPSK	180@0	64.234	66.34
41	30	70	518598	2592.99	CP-OFDM QPSK	189@0	67.373	69.78
41	30	70	518598	2592.99	CP-OFDM 16 QAM	189@0	67.214	69.89
41	30	70	518598	2592.99	CP-OFDM 64 QAM	189@0	67.588	69.67
41	30	70	518598	2592.99	CP-OFDM 256 QAM	189@0	67.411	69.75
41	30	80	518598	2592.99	DFT-s-OFDM PI/2 BPSK	216@0	77.113	80.08
41	30	80	518598	2592.99	DFT-s-OFDM	216@0	77.036	79.98

					QPSK			
41	30	80	518598	2592.99	CP-OFDM QPSK	217@0	77.443	80.32
41	30	80	518598	2592.99	CP-OFDM 16 QAM	217@0	77.399	79.94
41	30	80	518598	2592.99	CP-OFDM 64 QAM	217@0	77.402	80.16
41	30	80	518598	2592.99	CP-OFDM 256 QAM	217@0	77.403	79.97
41	30	90	518598	2592.99	DFT-s-OFDM PI/2 BPSK	240@0	85.623	88.64
41	30	90	518598	2592.99	DFT-s-OFDM QPSK	240@0	85.739	88.5
41	30	90	518598	2592.99	CP-OFDM QPSK	245@0	87.441	90.39
41	30	90	518598	2592.99	CP-OFDM 16 QAM	245@0	87.313	90.32
41	30	90	518598	2592.99	CP-OFDM 64 QAM	245@0	87.416	90.42
41	30	90	518598	2592.99	CP-OFDM 256 QAM	245@0	87.403	90.32
41	30	100	518598	2592.99	DFT-s-OFDM PI/2 BPSK	270@0	96.356	99.5
41	30	100	518598	2592.99	DFT-s-OFDM QPSK	270@0	96.424	99.48
41	30	100	518598	2592.99	CP-OFDM QPSK	273@0	97.367	100.8
41	30	100	518598	2592.99	CP-OFDM 16 QAM	273@0	97.637	100.6
41	30	100	518598	2592.99	CP-OFDM 64 QAM	273@0	97.303	100.5
41	30	100	518598	2592.99	CP-OFDM 256 QAM	273@0	97.839	100.8

N41(10M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_Mid_CH

N41(10M)_DFT-s-OFDM_QPSK_Outer_Full_Mid_CH

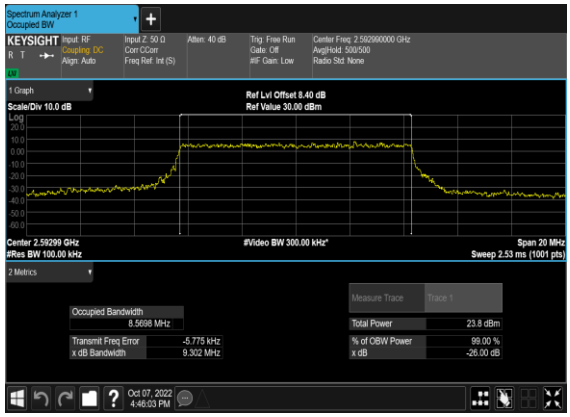
N41(10M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



N41(10M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH

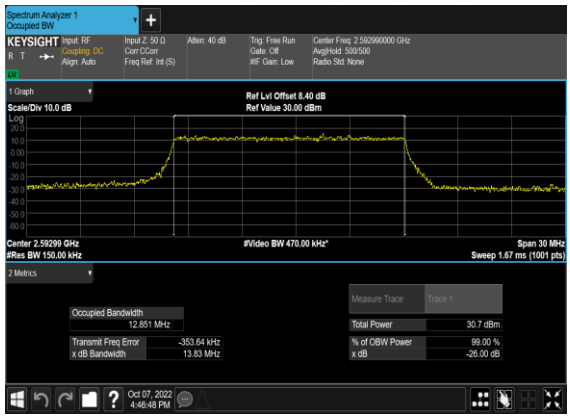
N41(10M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH

N41(10M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH

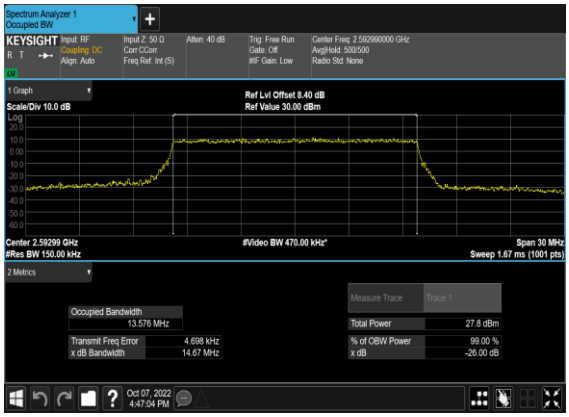


N41(15M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_Mid_CH

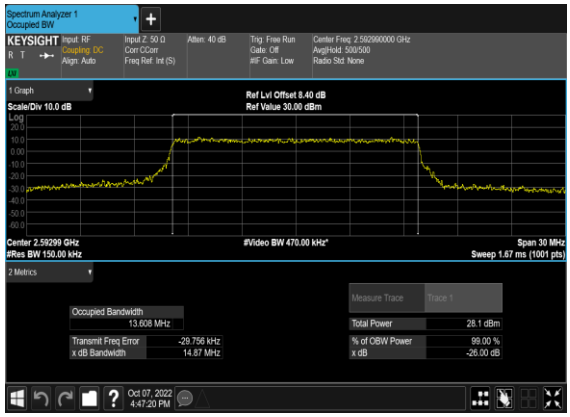
N41(15M)_DFT-s-OFDM_QPSK_Outer_Full_Mid_CH



N41(15M)_CP-OFDM_QPSK_Outer_Full_Mid_CH

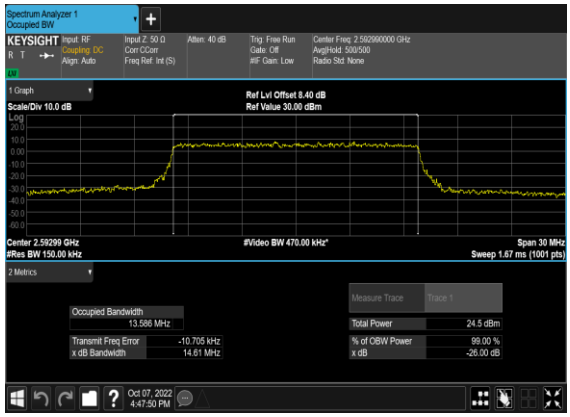


N41(15M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH

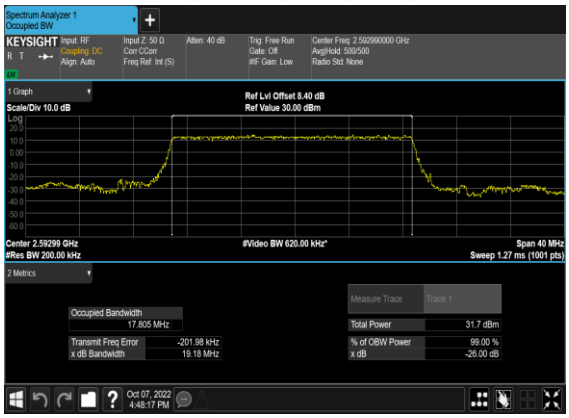


N41(15M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH

N41(15M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH

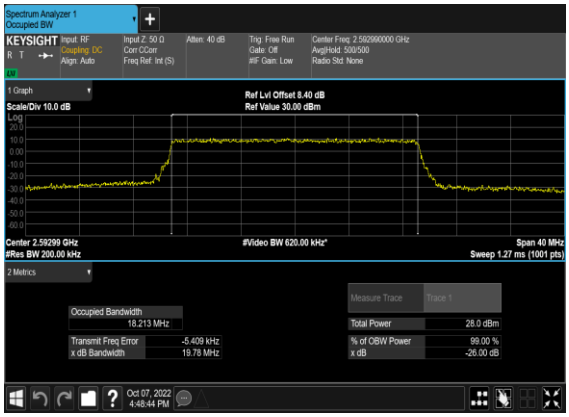


N41(20M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_Mid_CH

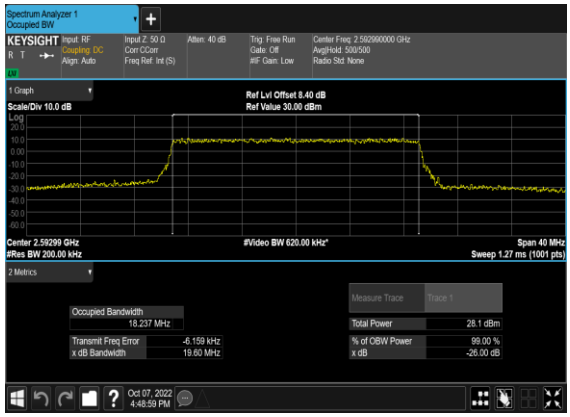


N41(20M)_DFT-s-OFDM_QPSK_Outer_Full_Mid_CH

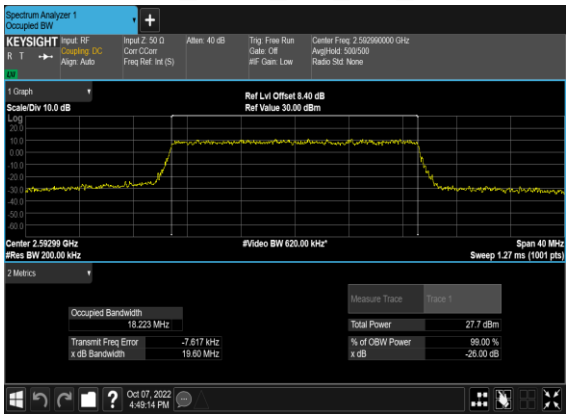
N41(20M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



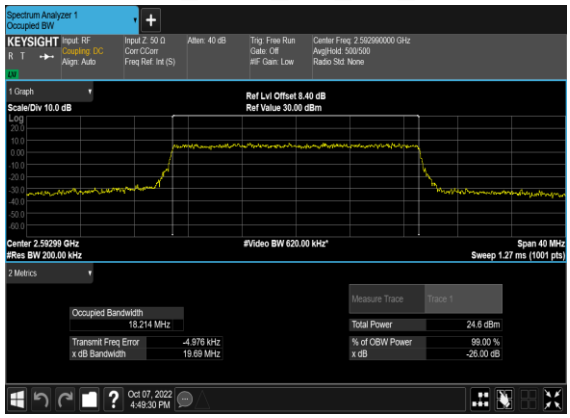
N41(20M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



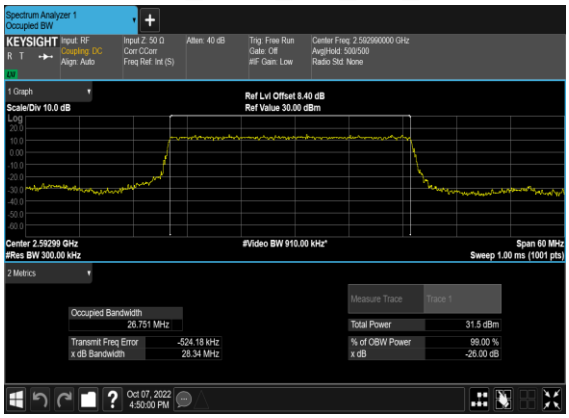
N41(20M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH



N41(20M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH

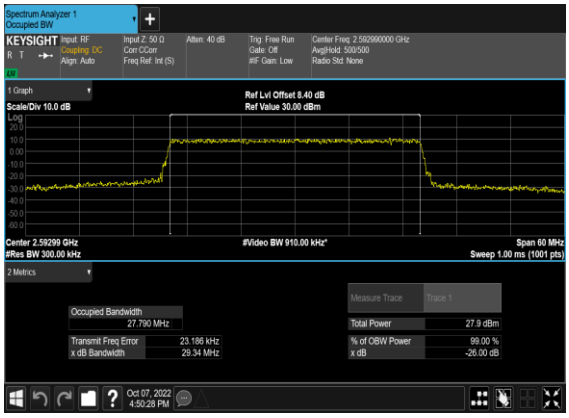


N41(30M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_Mid_CH



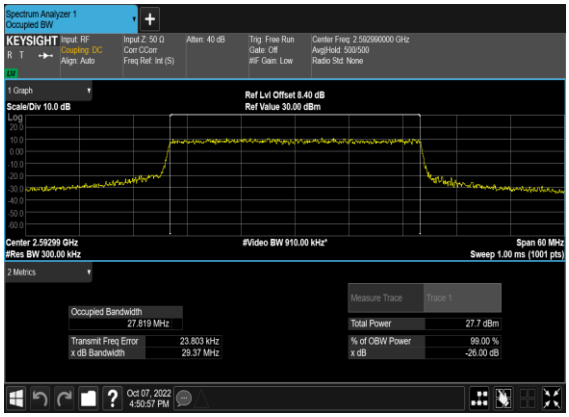
N41(30M)_DFT-s-OFDM_QPSK_Outer_Full_Mid_CH

N41(30M)_CP-OFDM_QPSK_Outer_Full_Mid_CH

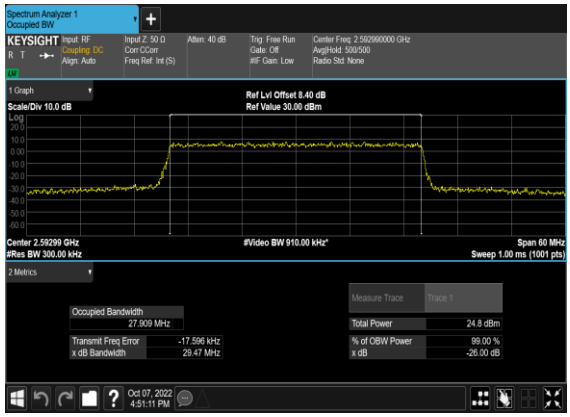


N41(30M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH

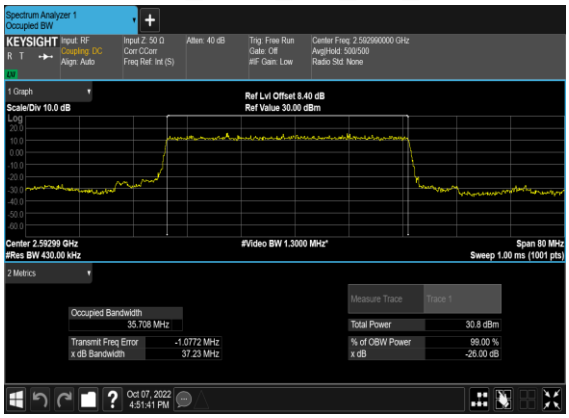
N41(30M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH



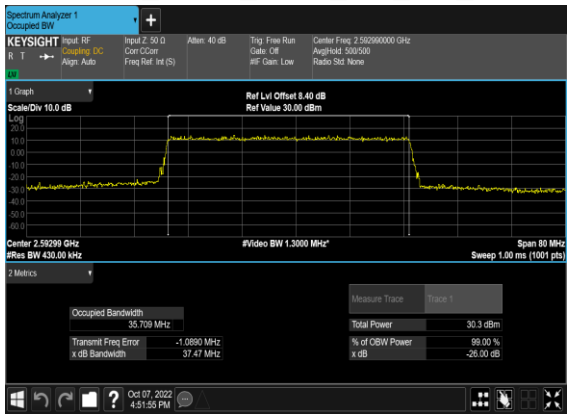
N41(30M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH



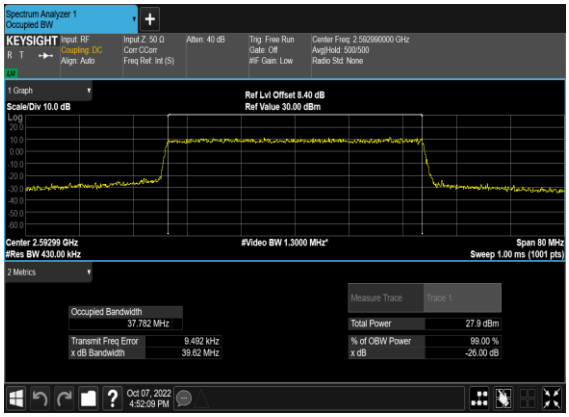
N41(40M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_Mid_CH



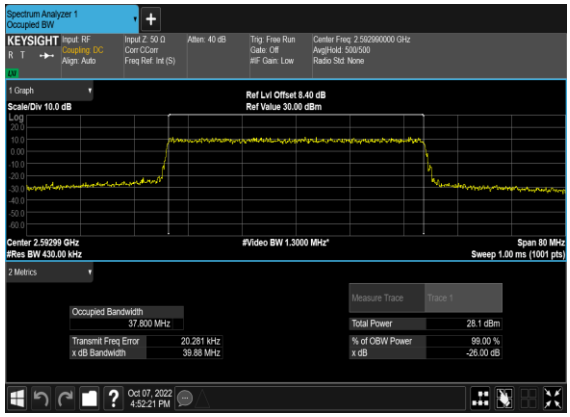
N41(40M)_DFT-s-OFDM_QPSK_Outer_Full_Mid_CH



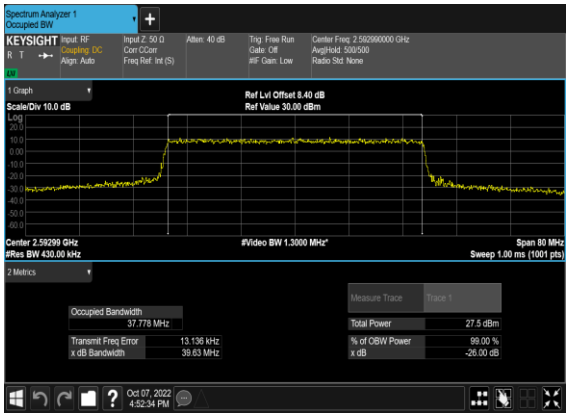
N41(40M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



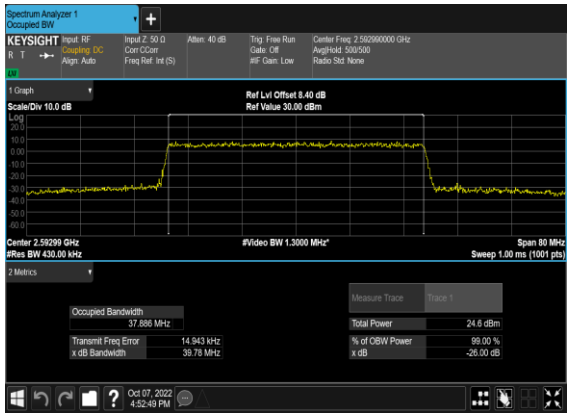
N41(40M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



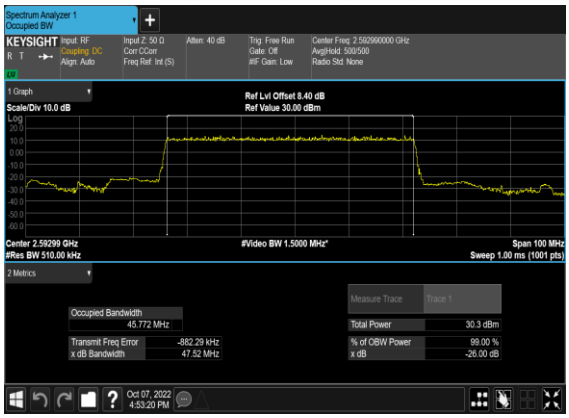
N41(40M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH



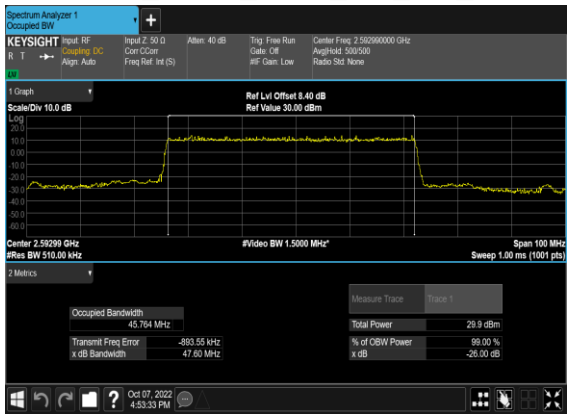
N41(40M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH



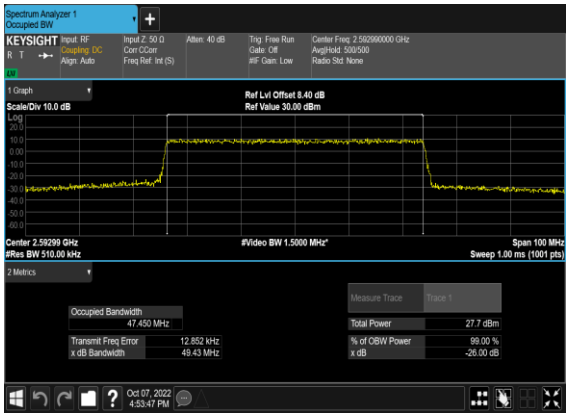
N41(50M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_Mid_CH



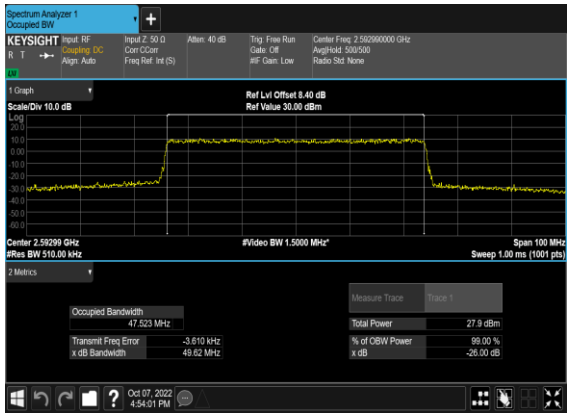
N41(50M)_DFT-s-OFDM_QPSK_Outer_Full_Mid_CH



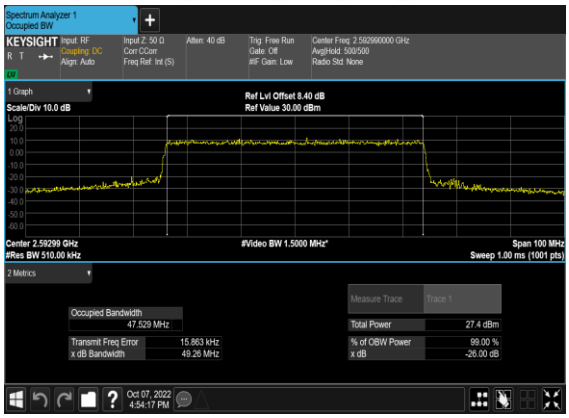
N41(50M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



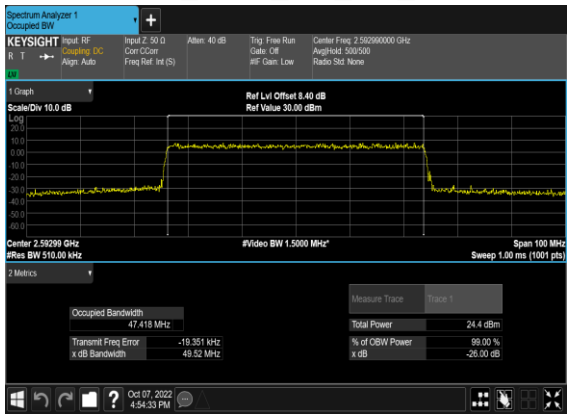
N41(50M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



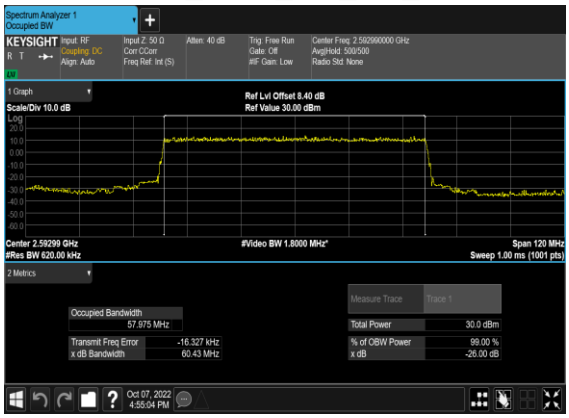
N41(50M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH



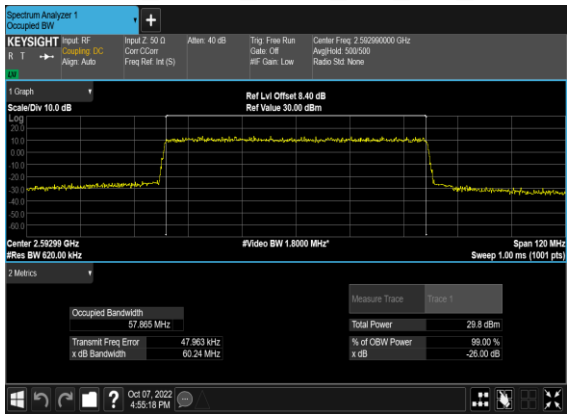
N41(50M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH



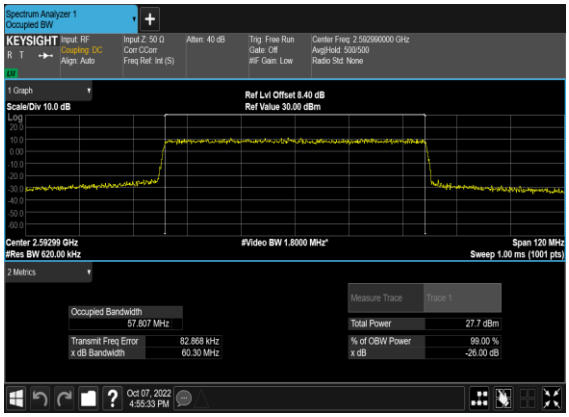
N41(60M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_Mid_CH



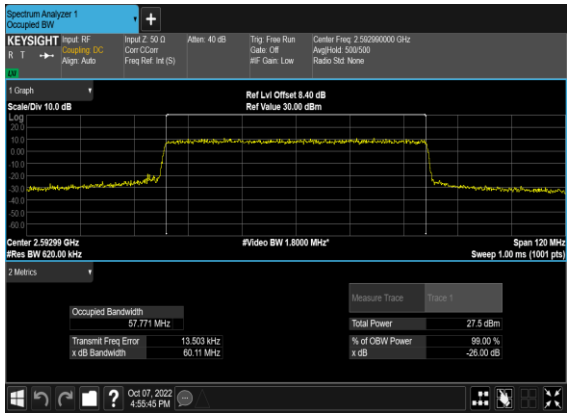
N41(60M)_DFT-s-OFDM_QPSK_Outer_Full_Mid_CH



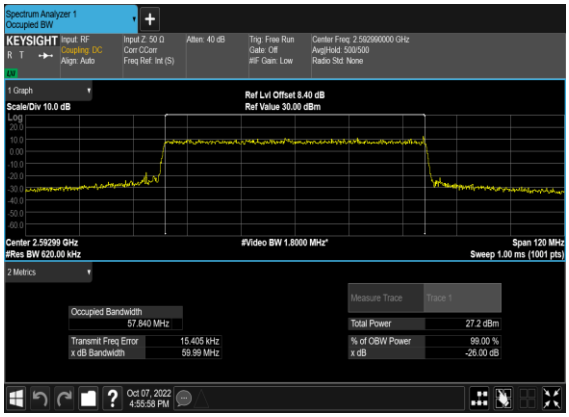
N41(60M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



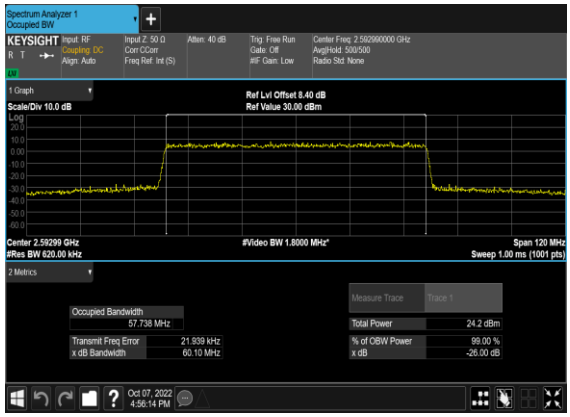
N41(60M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



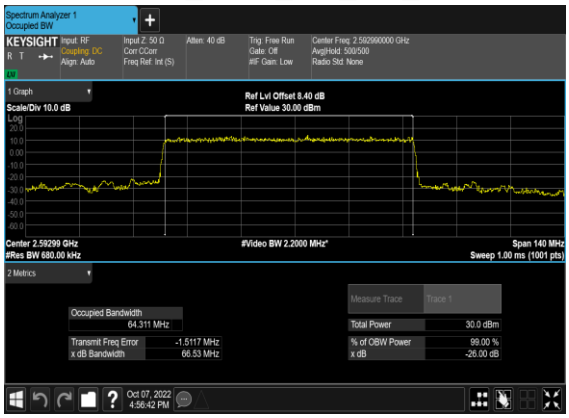
N41(60M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH



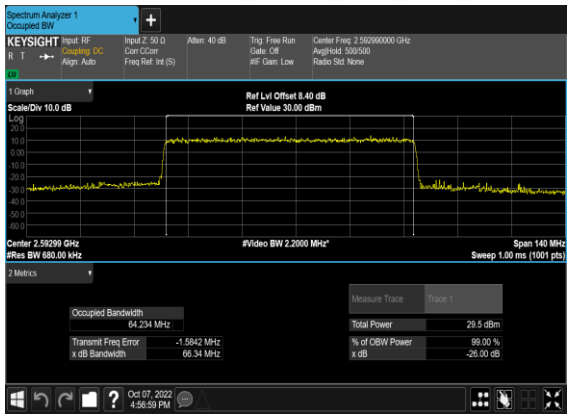
N41(60M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH



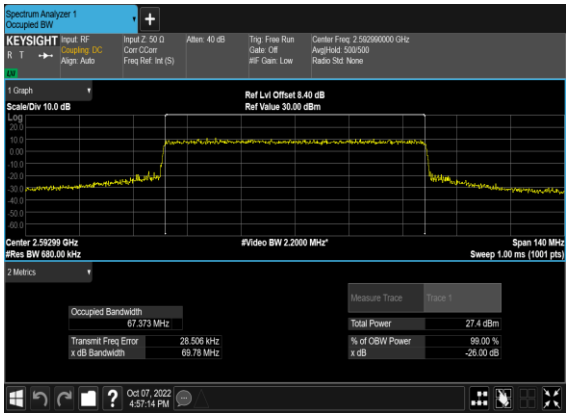
N41(70M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_Mid_CH



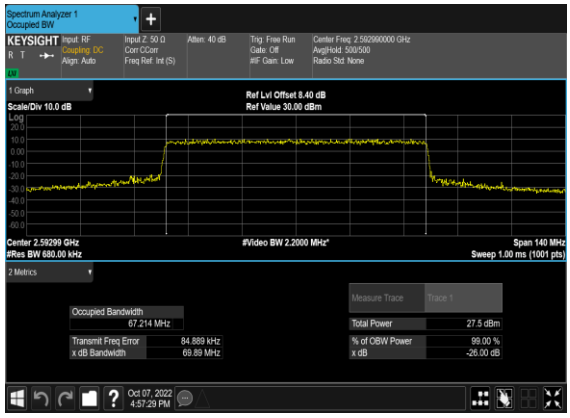
N41(70M)_DFT-s-OFDM_QPSK_Outer_Full_Mid_CH



N41(70M)_CP-OFDM_QPSK_Outer_Full_Mid_CH

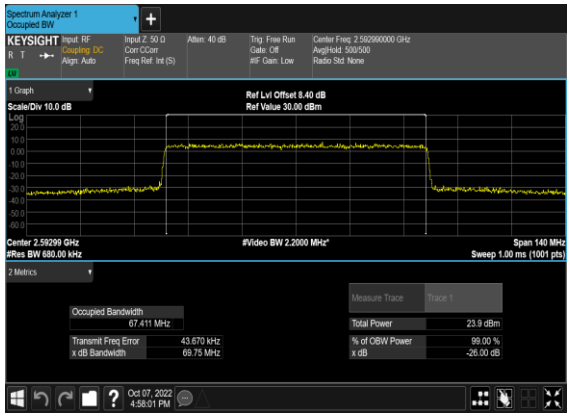


N41(70M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH

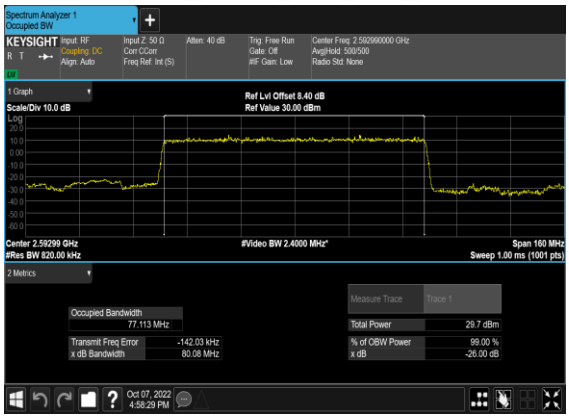


N41(70M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH

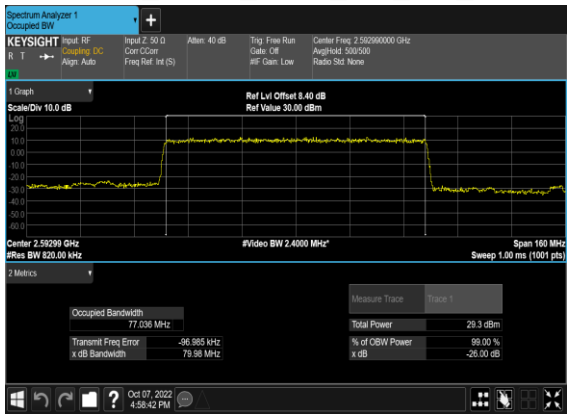
N41(70M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH



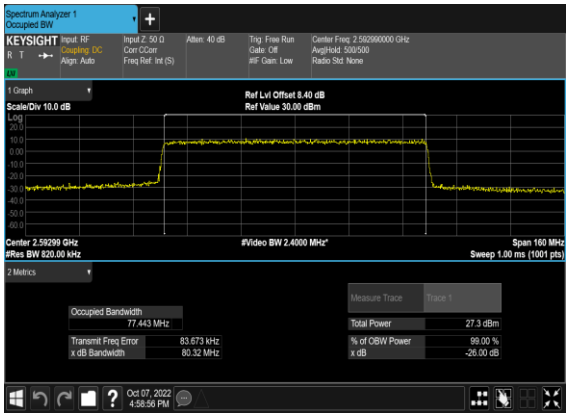
N41(80M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_Mid_CH



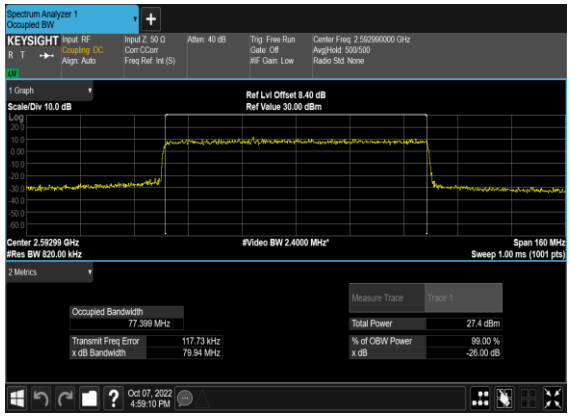
N41(80M)_DFT-s-OFDM_QPSK_Outer_Full_Mid_CH



N41(80M)_CP-OFDM_QPSK_Outer_Full_Mid_CH

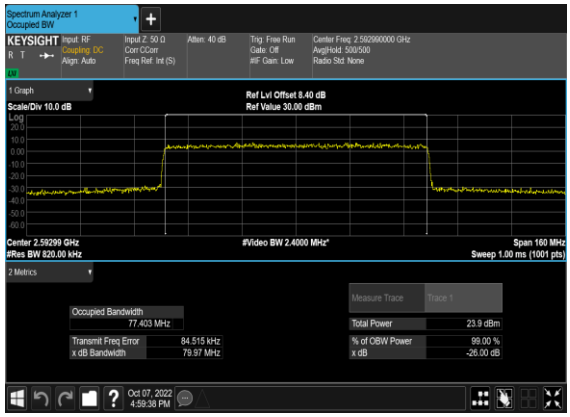


N41(80M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH

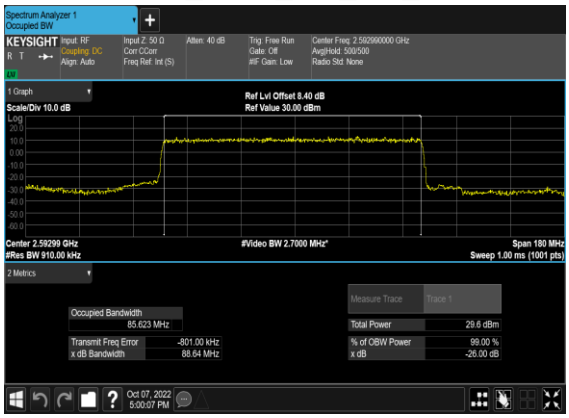


N41(80M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH

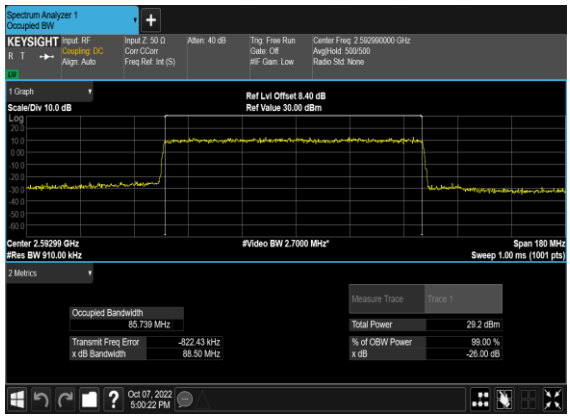
N41(80M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH



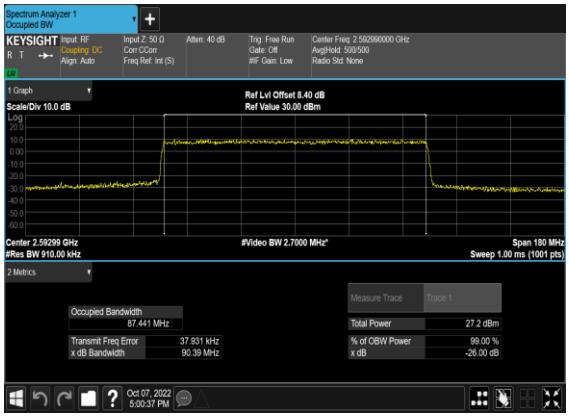
N41(90M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_Mid_CH



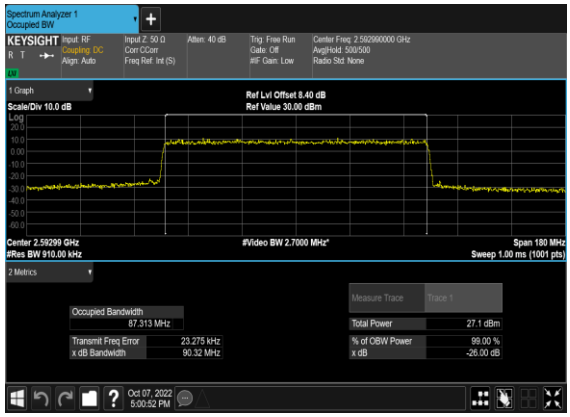
N41(90M)_DFT-s-OFDM_QPSK_Outer_Full_Mid_CH



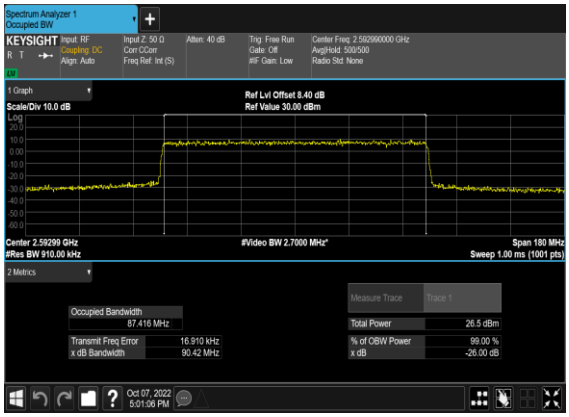
N41(90M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



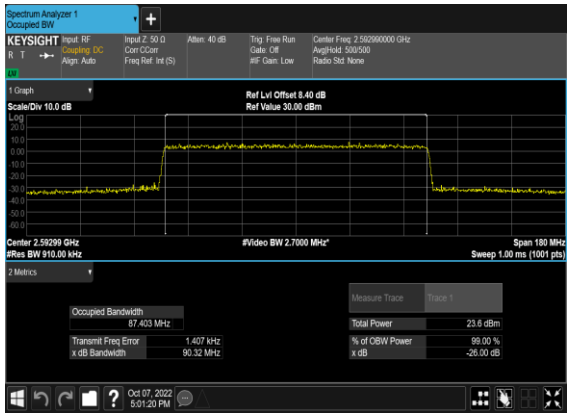
N41(90M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



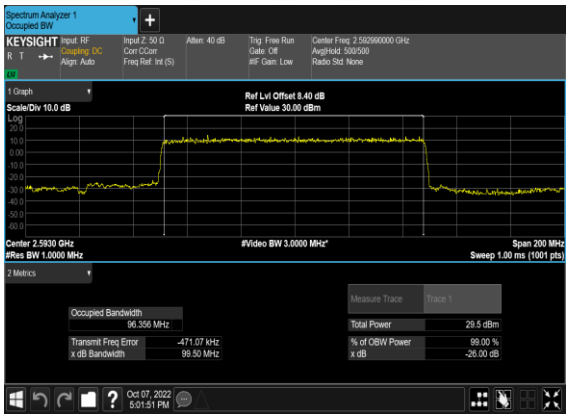
N41(90M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH



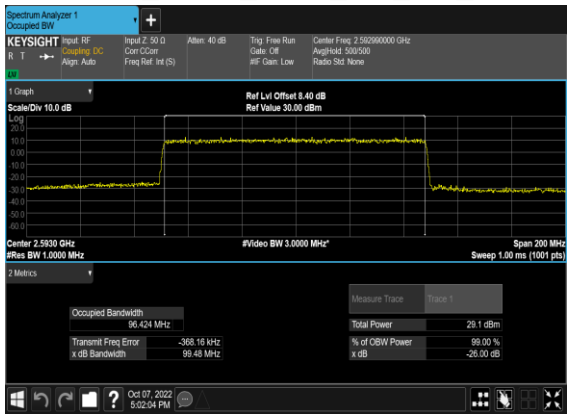
N41(90M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH



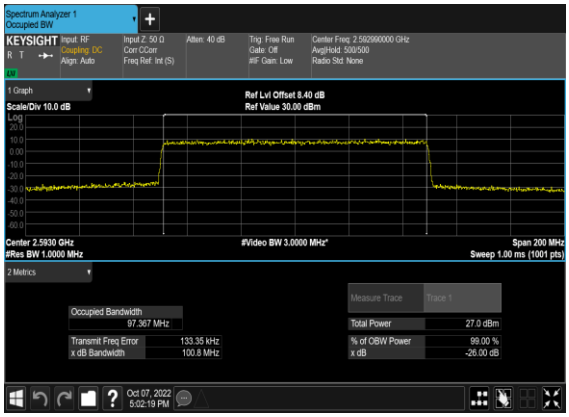
N41(100M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_Mid_CH



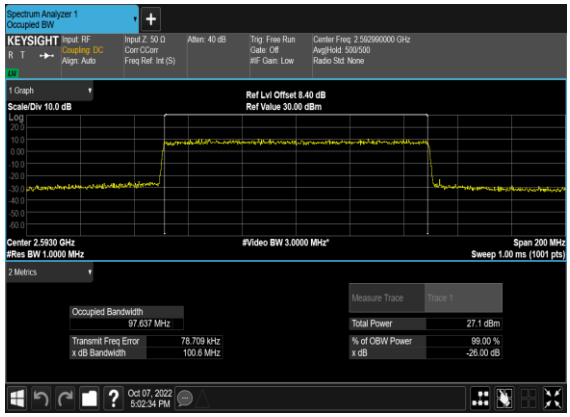
N41(100M)_DFT-s-OFDM_QPSK_Outer_Full_Mid_CH



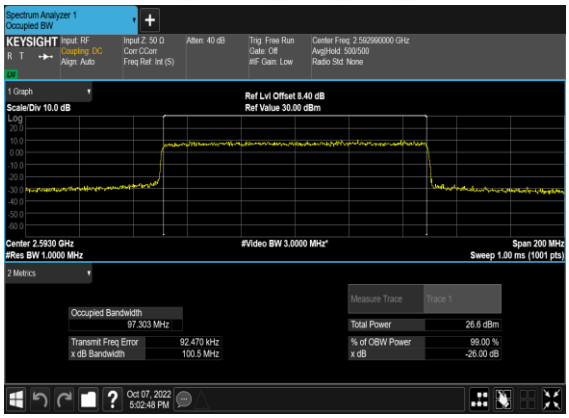
N41(100M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



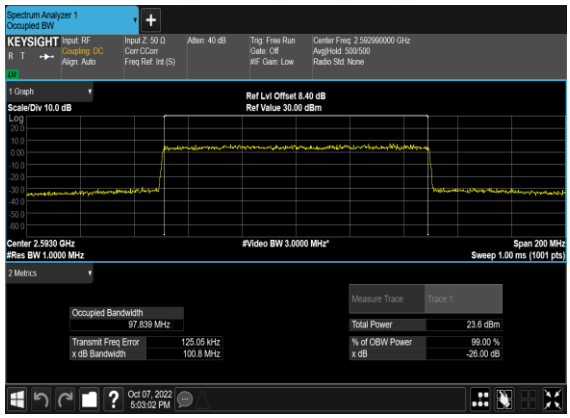
N41(100M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



N41(100M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH



N41(100M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH



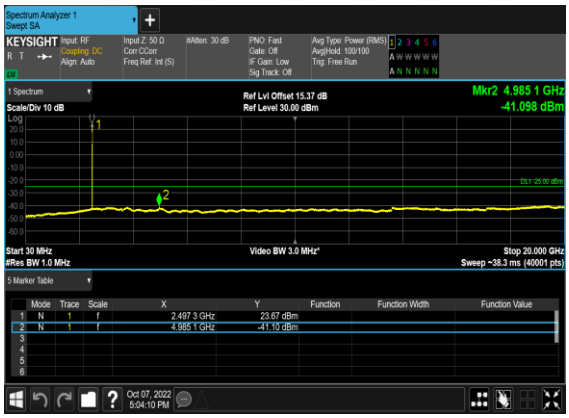
Conducted Spurious Emissions

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	**---**

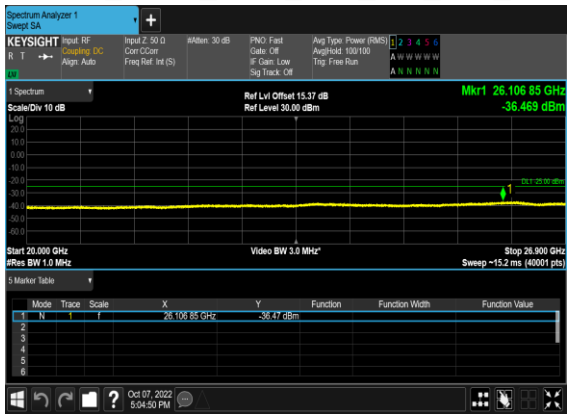
41	30	50	504204	2521.02	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
41	30	50	504204	2521.02	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
41	30	50	518598	2592.99	DFT-s-OFDM BPSK	1@0	see graph	**---**
41	30	50	518598	2592.99	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
41	30	50	518598	2592.99	DFT-s-OFDM BPSK	1@0	see graph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

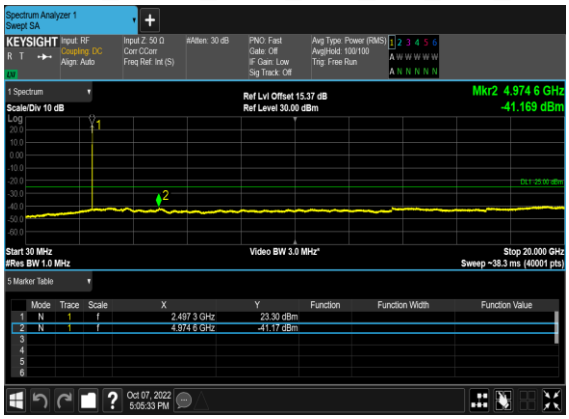
N41(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



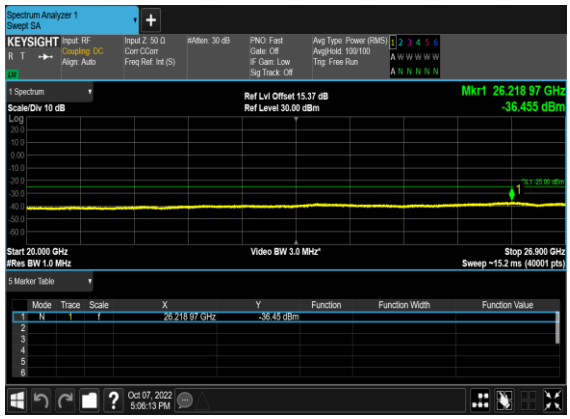
N41(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



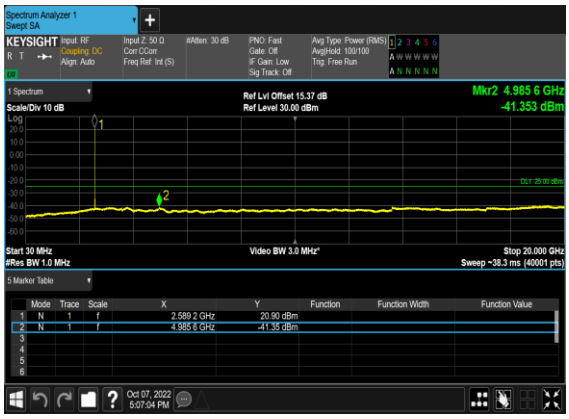
N41(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



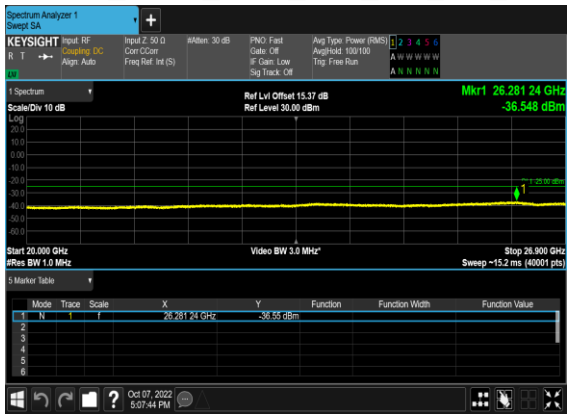
N41(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



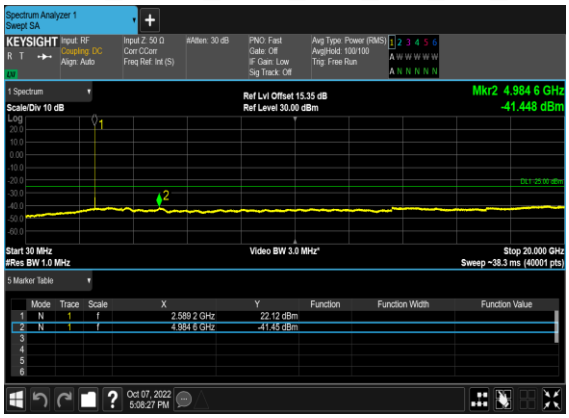
N41(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



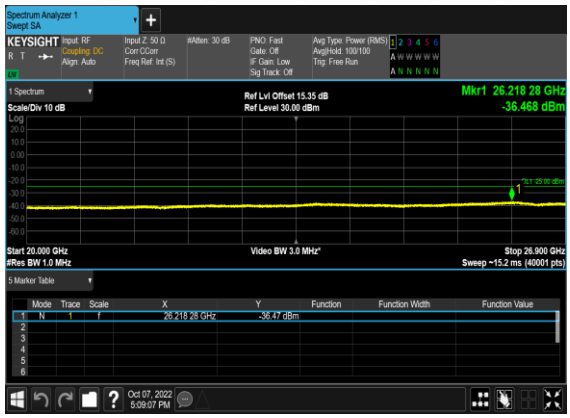
N41(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



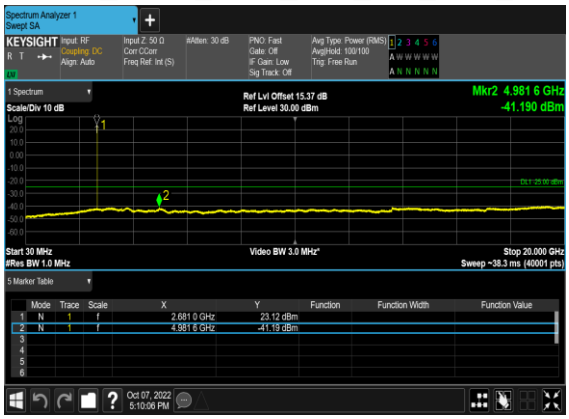
N41(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



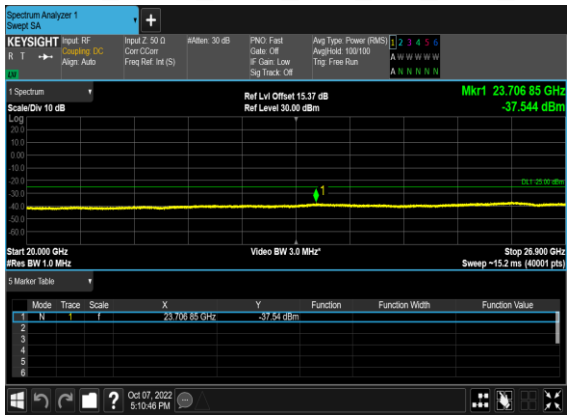
N41(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



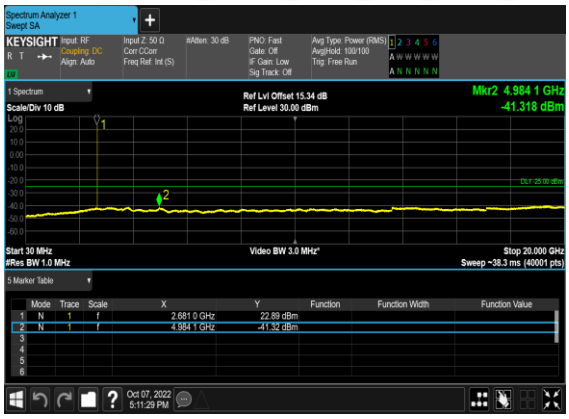
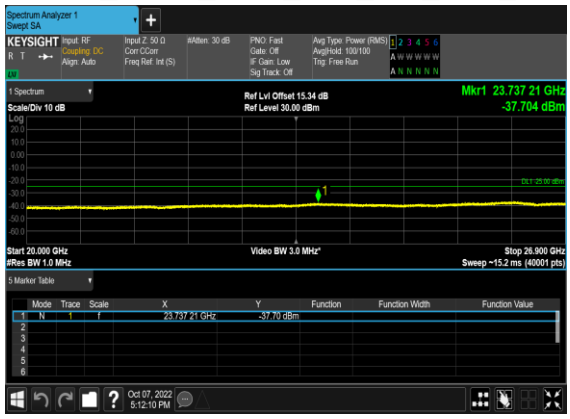
N41(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



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