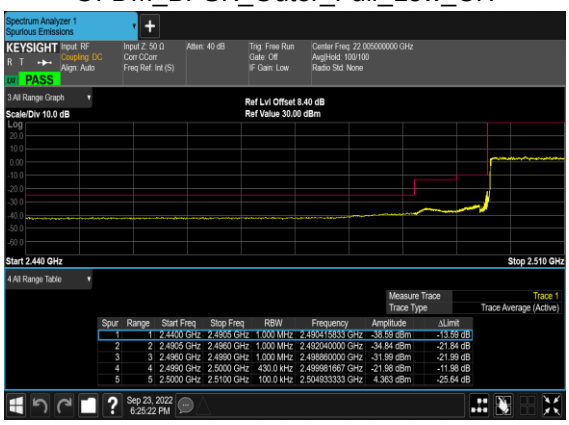
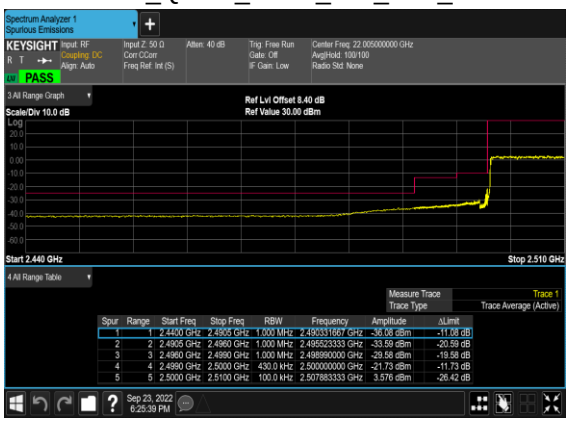
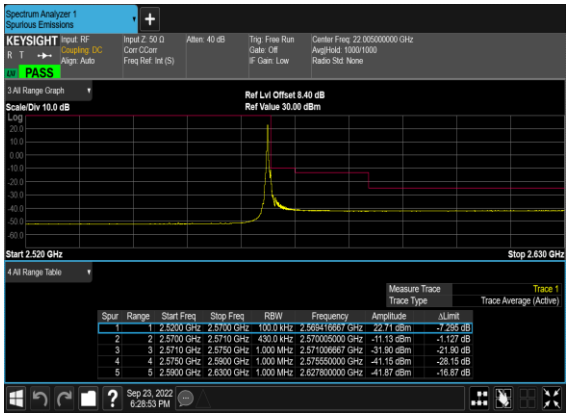
N7(20M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH



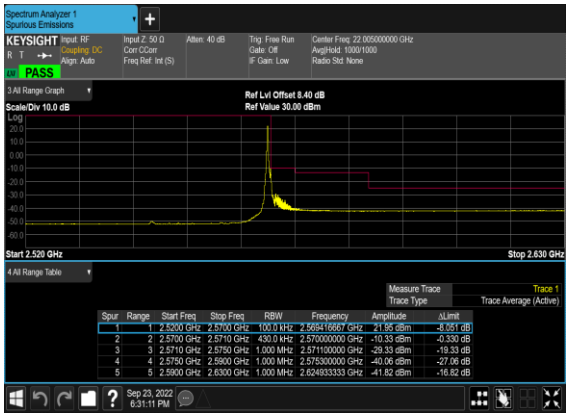
N7(20M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH



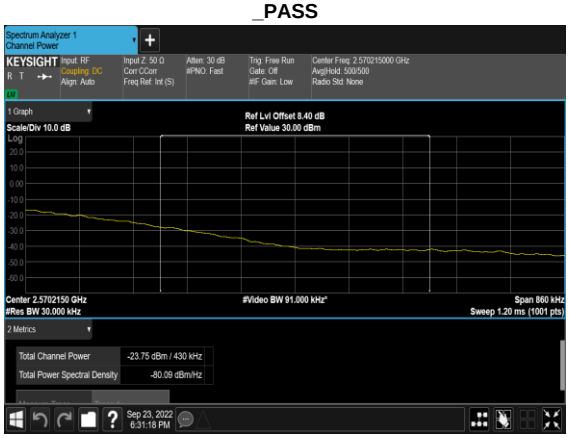
N7(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH



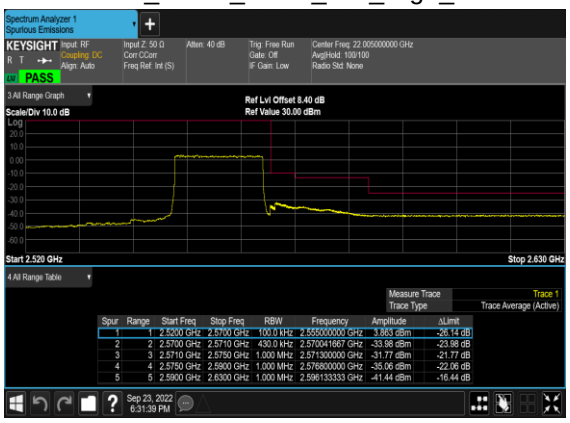
N7(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH



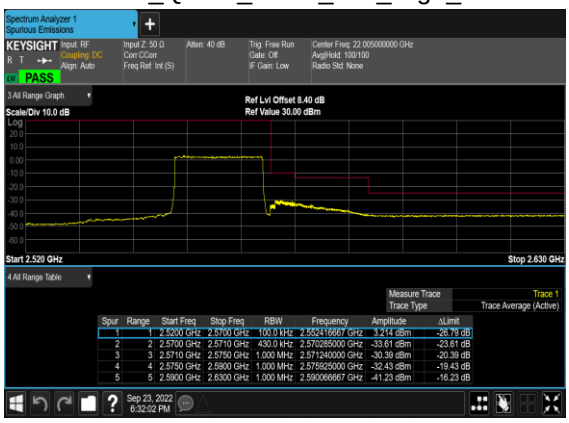
N7(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH_CHP_PASS



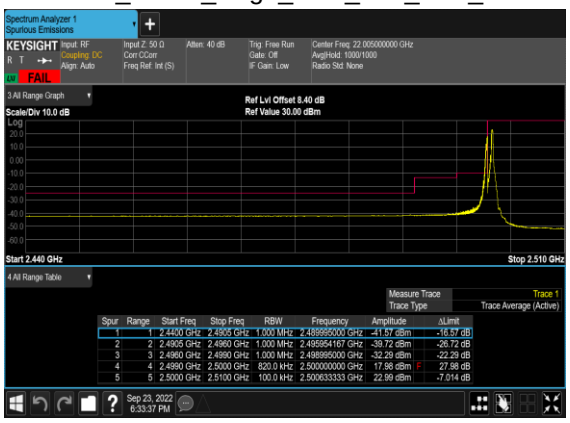
N7(20M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH



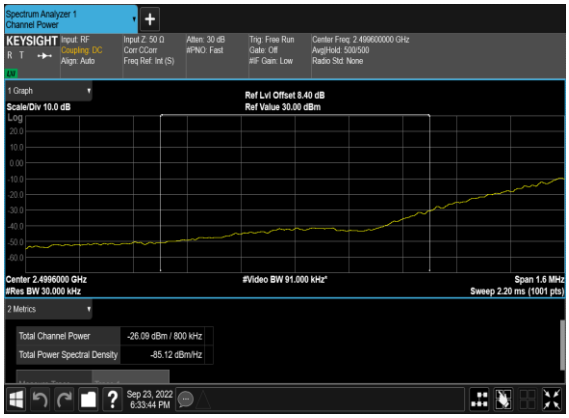
N7(20M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH



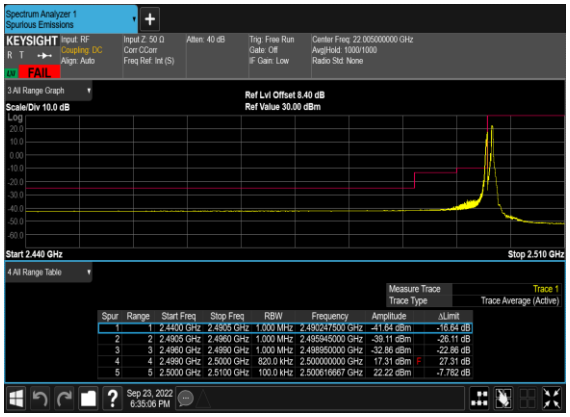
N7(40M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



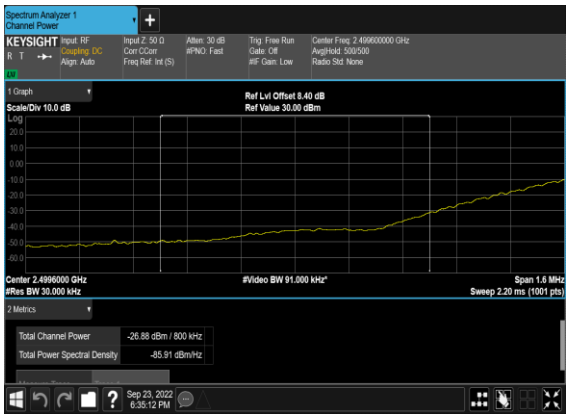
N7(40M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH_**CHP_PASS**



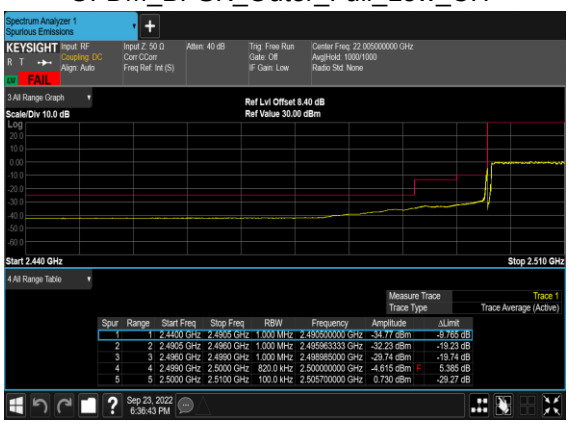
N7(40M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



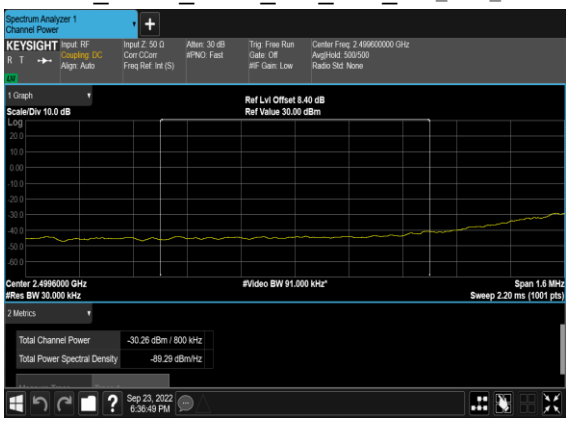
N7(40M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH_**CHP_PASS**



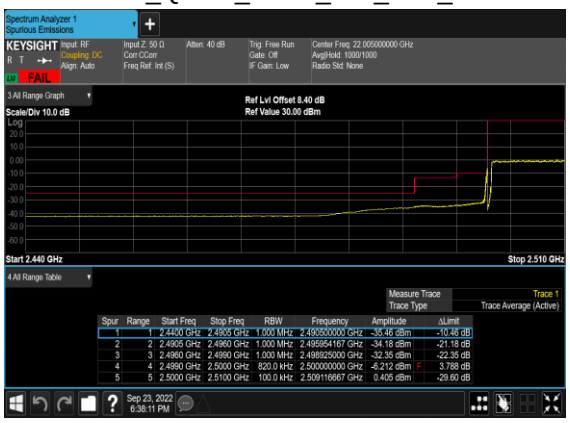
N7(40M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH



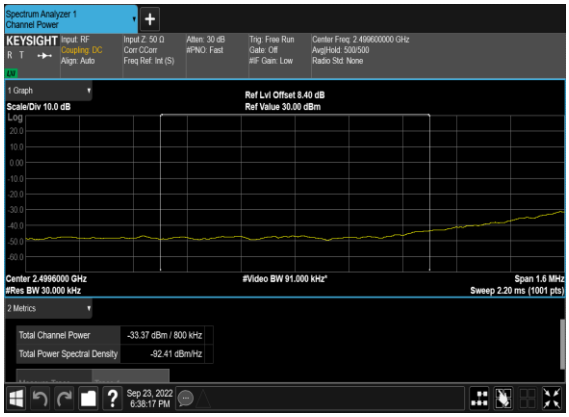
N7(40M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH_**CHP_PASS**



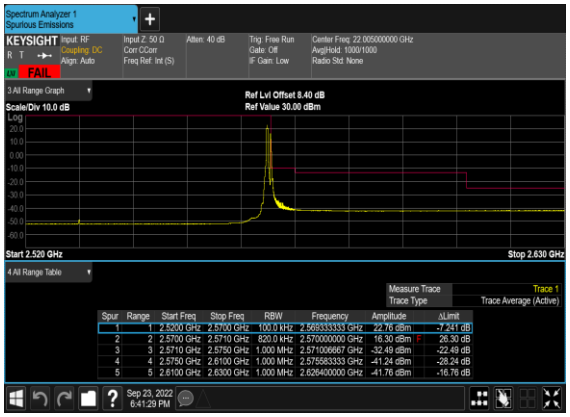
N7(40M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH



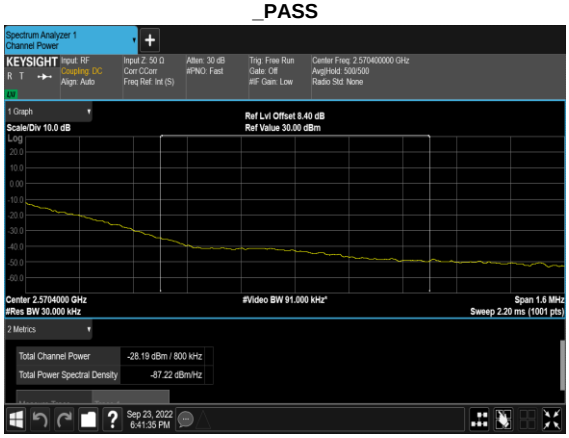
N7(40M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH_**CHP_PASS**



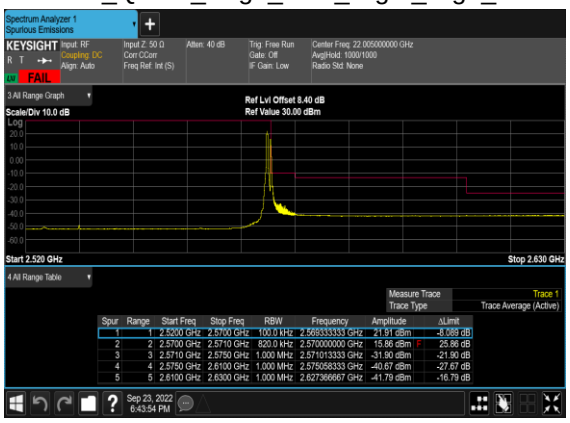
N7(40M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH



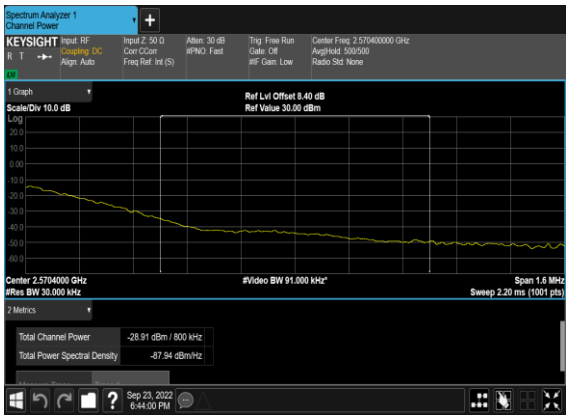
N7(40M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH_**CHP_PASS**



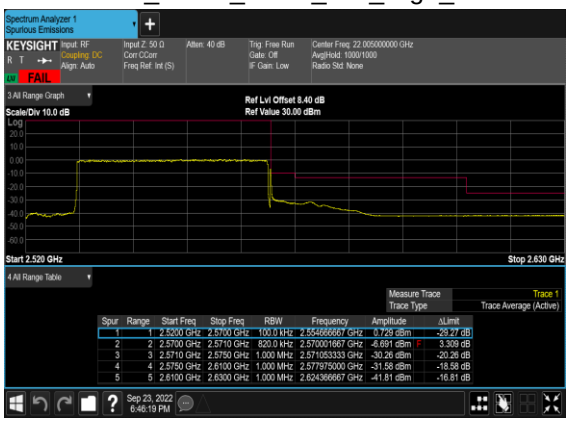
N7(40M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH



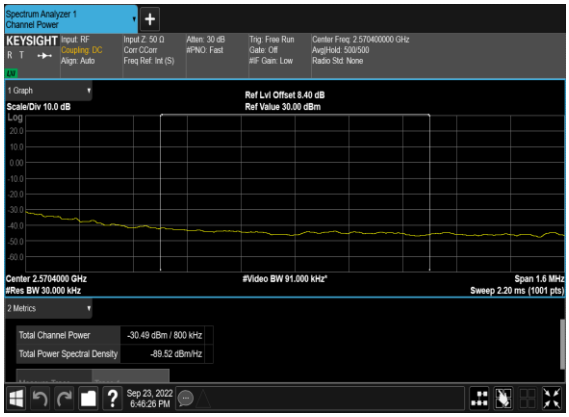
N7(40M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH_CHP_PASS



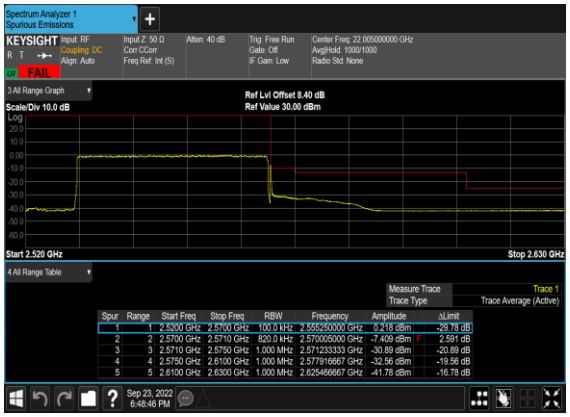
N7(40M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH



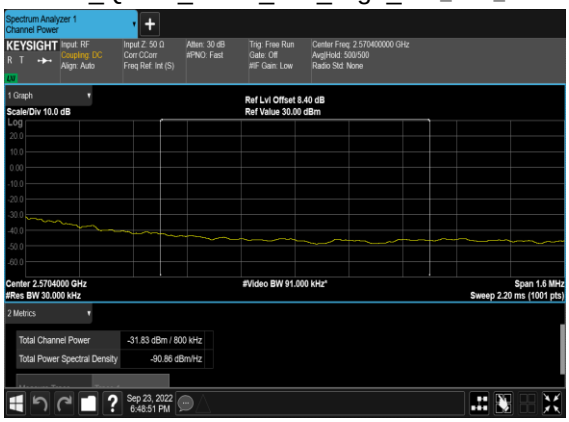
N7(40M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH_CHP_PASS



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(ANT5)

Transmitter Conducted Output Power And EIRP, (G_T-L_C)=-0.8dB

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	24.53	23.73	0.2360
38	30	10	515000	2575	DFT-s-OFDM 16 QAM	1@1	23.72	22.92	0.1959
38	30	10	519000	2595	DFT-s-OFDM QPSK	1@1	24.53	23.73	0.2360
38	30	10	519000	2595	DFT-s-OFDM 16 QAM	1@1	23.72	22.92	0.1959
38	30	10	523000	2615	DFT-s-OFDM QPSK	1@1	24.51	23.71	0.2350
38	30	10	523000	2615	DFT-s-OFDM 16 QAM	1@1	23.73	22.93	0.1963
38	30	15	515500	2577.5	DFT-s-OFDM QPSK	1@1	24.74	23.94	0.2477
38	30	15	515500	2577.5	DFT-s-OFDM 16 QAM	1@1	23.93	23.13	0.2056
38	30	15	519000	2595	DFT-s-OFDM QPSK	1@1	24.81	24.01	0.2518
38	30	15	519000	2595	DFT-s-OFDM 16 QAM	1@1	23.82	23.02	0.2004
38	30	15	522500	2612.5	DFT-s-OFDM QPSK	1@1	24.67	23.87	0.2438
38	30	15	522500	2612.5	DFT-s-OFDM 16 QAM	1@1	23.77	22.97	0.1982
38	30	20	516000	2580	DFT-s-OFDM QPSK	1@1	24.77	23.97	0.2495
38	30	20	516000	2580	DFT-s-OFDM 16 QAM	1@1	23.84	23.04	0.2014
38	30	20	519000	2595	DFT-s-OFDM QPSK	1@1	24.78	23.98	0.2500
38	30	20	519000	2595	DFT-s-OFDM 16 QAM	1@1	23.83	23.03	0.2009
38	30	20	522000	2610	DFT-s-OFDM QPSK	1@1	24.65	23.85	0.2427
38	30	20	522000	2610	DFT-s-OFDM 16 QAM	1@1	23.72	22.92	0.1959
38	30	30	517000	2585	DFT-s-OFDM QPSK	1@1	24.88	24.08	0.2559
38	30	30	517000	2585	DFT-s-OFDM 16 QAM	1@1	23.98	23.18	0.2080
38	30	30	519000	2595	DFT-s-OFDM QPSK	1@1	24.8	24	0.2512
38	30	30	519000	2595	DFT-s-OFDM 16 QAM	1@1	23.98	23.18	0.2080
38	30	30	521000	2605	DFT-s-OFDM QPSK	1@1	24.85	24.05	0.2541
38	30	30	521000	2605	DFT-s-OFDM 16 QAM	1@1	23.96	23.16	0.2070
38	30	40	518000	2590	DFT-s-OFDM PI/2 BPSK	50@25	24.8	24	0.2512
38	30	40	518000	2590	DFT-s-OFDM PI/2 BPSK	1@1	24.92	24.12	0.2582
38	30	40	518000	2590	DFT-s-OFDM PI/2 BPSK	1@104	24.86	24.06	0.2547
38	30	40	518000	2590	DFT-s-OFDM QPSK	50@25	24.93	24.13	0.2588

38	30	40	518000	2590	DFT-s-OFDM QPSK	1@1	24.89	24.09	0.2564
38	30	40	518000	2590	DFT-s-OFDM QPSK	1@104	24.83	24.03	0.2529
38	30	40	518000	2590	DFT-s-OFDM 16 QAM	50@25	23.82	23.02	0.2004
38	30	40	518000	2590	DFT-s-OFDM 16 QAM	1@1	23.99	23.19	0.2084
38	30	40	518000	2590	DFT-s-OFDM 16 QAM	1@104	23.86	23.06	0.2023
38	30	40	518000	2590	DFT-s-OFDM 64 QAM	50@25	22.86	22.06	0.1607
38	30	40	518000	2590	DFT-s-OFDM 64 QAM	1@1	22.91	22.11	0.1626
38	30	40	518000	2590	DFT-s-OFDM 64 QAM	1@104	22.95	22.15	0.1641
38	30	40	518000	2590	DFT-s-OFDM 256 QAM	50@25	20.69	19.89	0.0975
38	30	40	518000	2590	DFT-s-OFDM 256 QAM	1@1	20.72	19.92	0.0982
38	30	40	518000	2590	DFT-s-OFDM 256 QAM	1@104	20.81	20.01	0.1002
38	30	40	518000	2590	CP-OFDM QPSK	53@26	23	22.2	0.1660
38	30	40	518000	2590	CP-OFDM QPSK	1@1	23.77	22.97	0.1982
38	30	40	518000	2590	CP-OFDM QPSK	1@104	23.85	23.05	0.2018
38	30	40	519000	2595	DFT-s-OFDM PI/2 BPSK	50@25	24.59	23.79	0.2393
38	30	40	519000	2595	DFT-s-OFDM PI/2 BPSK	1@1	24.9	24.1	0.2570
38	30	40	519000	2595	DFT-s-OFDM PI/2 BPSK	1@104	24.89	24.09	0.2564
38	30	40	519000	2595	DFT-s-OFDM QPSK	50@25	24.56	23.76	0.2377
38	30	40	519000	2595	DFT-s-OFDM QPSK	1@1	24.58	23.78	0.2388
38	30	40	519000	2595	DFT-s-OFDM QPSK	1@104	24.8	24	0.2512
38	30	40	519000	2595	DFT-s-OFDM 16 QAM	50@25	23.35	22.55	0.1799
38	30	40	519000	2595	DFT-s-OFDM 16 QAM	1@1	23.45	22.65	0.1841
38	30	40	519000	2595	DFT-s-OFDM 16 QAM	1@104	23.57	22.77	0.1892
38	30	40	519000	2595	DFT-s-OFDM 64 QAM	50@25	22.84	22.04	0.1600
38	30	40	519000	2595	DFT-s-OFDM 64 QAM	1@1	22.83	22.03	0.1596
38	30	40	519000	2595	DFT-s-OFDM 64 QAM	1@104	22.92	22.12	0.1629
38	30	40	519000	2595	DFT-s-OFDM 256 QAM	50@25	20.72	19.92	0.0982
38	30	40	519000	2595	DFT-s-OFDM 256 QAM	1@1	20.71	19.91	0.0979
38	30	40	519000	2595	DFT-s-OFDM 256 QAM	1@104	20.8	20	0.1000
38	30	40	519000	2595	CP-OFDM QPSK	53@26	23.04	22.24	0.1675
38	30	40	519000	2595	CP-OFDM QPSK	1@1	23.75	22.95	0.1972
38	30	40	519000	2595	CP-OFDM QPSK	1@104	23.89	23.09	0.2037
38	30	40	520000	2600	DFT-s-OFDM PI/2 BPSK	50@25	24.47	23.67	0.2328
38	30	40	520000	2600	DFT-s-OFDM PI/2 BPSK	1@1	24.88	24.08	0.2559
38	30	40	520000	2600	DFT-s-OFDM PI/2	1@1	24.8	24	0.2512

					BPSK	04			
38	30	40	520000	2600	DFT-s-OFDM QPSK	50@25	24.48	23.68	0.2333
38	30	40	520000	2600	DFT-s-OFDM QPSK	1@1	24.62	23.82	0.2410
38	30	40	520000	2600	DFT-s-OFDM QPSK	1@104	24.61	23.81	0.2404
38	30	40	520000	2600	DFT-s-OFDM 16 QAM	50@25	23.89	23.09	0.2037
38	30	40	520000	2600	DFT-s-OFDM 16 QAM	1@1	23.83	23.03	0.2009
38	30	40	520000	2600	DFT-s-OFDM 16 QAM	1@104	23.75	22.95	0.1972
38	30	40	520000	2600	DFT-s-OFDM 64 QAM	50@25	22.86	22.06	0.1607
38	30	40	520000	2600	DFT-s-OFDM 64 QAM	1@1	22.74	21.94	0.1563
38	30	40	520000	2600	DFT-s-OFDM 64 QAM	1@104	22.8	22	0.1585
38	30	40	520000	2600	DFT-s-OFDM 256 QAM	50@25	20.63	19.83	0.0962
38	30	40	520000	2600	DFT-s-OFDM 256 QAM	1@1	20.75	19.95	0.0989
38	30	40	520000	2600	DFT-s-OFDM 256 QAM	1@104	20.65	19.85	0.0966
38	30	40	520000	2600	CP-OFDM QPSK	53@26	23.01	22.21	0.1663
38	30	40	520000	2600	CP-OFDM QPSK	1@1	23.71	22.91	0.1954
38	30	40	520000	2600	CP-OFDM QPSK	1@104	23.8	23	0.1995

Software Version: 22.09.0601

FR1 N41(ANT5)

Transmitter Conducted Output Power And ERP/EIRP, (G_T - L_C)=-0.8dB

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	24.97	24.17	0.2612
41	30	10	500202	2501.01	DFT-s-OFDM 16 QAM	1@1	23.9	23.1	0.2042
41	30	10	518598	2592.99	DFT-s-OFDM QPSK	1@1	24.86	24.06	0.2547
41	30	10	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	23.97	23.17	0.2075
41	30	10	537000	2685.0	DFT-s-OFDM QPSK	1@1	24.82	24.02	0.2523
41	30	10	537000	2685.0	DFT-s-OFDM 16 QAM	1@1	23.88	23.08	0.2032
41	30	15	500700	2503.5	DFT-s-OFDM QPSK	1@1	25.04	24.24	0.2655
41	30	15	500700	2503.5	DFT-s-OFDM 16 QAM	1@1	24.02	23.22	0.2099
41	30	15	518598	2592.99	DFT-s-OFDM QPSK	1@1	25.04	24.24	0.2655
41	30	15	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	24.04	23.24	0.2109
41	30	15	536496	2682.48	DFT-s-OFDM QPSK	1@1	24.86	24.06	0.2547
41	30	15	536496	2682.48	DFT-s-OFDM 16 QAM	1@1	23.86	23.06	0.2023
41	30	20	501204	2506.02	DFT-s-OFDM QPSK	1@1	25.03	24.23	0.2649
41	30	20	501204	2506.02	DFT-s-OFDM 16 QAM	1@1	24.04	23.24	0.2109
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	1@1	25	24.2	0.2630
41	30	20	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	23.95	23.15	0.2065
41	30	20	535998	2679.99	DFT-s-OFDM QPSK	1@1	24.81	24.01	0.2518
41	30	20	535998	2679.99	DFT-s-OFDM 16 QAM	1@1	23.81	23.01	0.2000
41	30	30	502200	2511.0	DFT-s-OFDM QPSK	1@1	25.04	24.24	0.2655

41	30	30	502200	2511.0	DFT-s-OFDM 16 QAM	1@1	24.05	23.25	0.2113
41	30	30	518598	2592.99	DFT-s-OFDM QPSK	1@1	25.02	24.22	0.2642
41	30	30	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	24.01	23.21	0.2094
41	30	30	534996	2674.98	DFT-s-OFDM QPSK	1@1	24.79	23.99	0.2506
41	30	30	534996	2674.98	DFT-s-OFDM 16 QAM	1@1	23.9	23.1	0.2042
41	30	40	503202	2516.01	DFT-s-OFDM QPSK	1@1	25.17	24.37	0.2735
41	30	40	503202	2516.01	DFT-s-OFDM 16 QAM	1@1	24.16	23.36	0.2168
41	30	40	518598	2592.99	DFT-s-OFDM QPSK	1@1	25.09	24.29	0.2685
41	30	40	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	24.19	23.39	0.2183
41	30	40	534000	2670.0	DFT-s-OFDM QPSK	1@1	24.82	24.02	0.2523
41	30	40	534000	2670.0	DFT-s-OFDM 16 QAM	1@1	23.8	23	0.1995
41	30	50	504204	2521.02	DFT-s-OFDM QPSK	1@1	25.08	24.28	0.2679
41	30	50	504204	2521.02	DFT-s-OFDM 16 QAM	1@1	24.15	23.35	0.2163
41	30	50	518598	2592.99	DFT-s-OFDM QPSK	1@1	25.03	24.23	0.2649
41	30	50	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	24.01	23.21	0.2094
41	30	50	532998	2664.99	DFT-s-OFDM QPSK	1@1	24.61	23.81	0.2404
41	30	50	532998	2664.99	DFT-s-OFDM 16 QAM	1@1	23.76	22.96	0.1977
41	30	60	505200	2526.0	DFT-s-OFDM QPSK	1@1	24.98	24.18	0.2618
41	30	60	505200	2526.0	DFT-s-OFDM 16 QAM	1@1	24.07	23.27	0.2123
41	30	60	518598	2592.99	DFT-s-OFDM QPSK	1@1	25.03	24.23	0.2649
41	30	60	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	24.22	23.42	0.2198
41	30	60	531996	2659.98	DFT-s-OFDM QPSK	1@1	24.58	23.78	0.2388
41	30	60	531996	2659.98	DFT-s-OFDM 16 QAM	1@1	23.65	22.85	0.1928
41	30	70	505200	2531.01	DFT-s-OFDM QPSK	1@1	24.85	24.05	0.2541

41	30	70	505200	2531.01	DFT-s-OFDM 16 QAM	1@1	23.94	23.14	0.2061
41	30	70	518598	2592.99	DFT-s-OFDM QPSK	1@1	24.97	24.17	0.2612
41	30	70	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	24.02	23.22	0.2099
41	30	70	531996	2655.0	DFT-s-OFDM QPSK	1@1	24.75	23.95	0.2483
41	30	70	531996	2655.0	DFT-s-OFDM 16 QAM	1@1	23.85	23.05	0.2018
41	30	80	507204	2536.02	DFT-s-OFDM QPSK	1@1	24.87	24.07	0.2553
41	30	80	507204	2536.02	DFT-s-OFDM 16 QAM	1@1	23.92	23.12	0.2051
41	30	80	518598	2592.99	DFT-s-OFDM QPSK	1@1	24.81	24.01	0.2518
41	30	80	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	23.83	23.03	0.2009
41	30	80	529998	2649.99	DFT-s-OFDM QPSK	1@1	24.72	23.92	0.2466
41	30	80	529998	2649.99	DFT-s-OFDM 16 QAM	1@1	23.77	22.97	0.1982
41	30	90	508200	2541.0	DFT-s-OFDM QPSK	1@1	24.88	24.08	0.2559
41	30	90	508200	2541.0	DFT-s-OFDM 16 QAM	1@1	24	23.2	0.2089
41	30	90	518598	2592.99	DFT-s-OFDM QPSK	1@1	24.9	24.1	0.2570
41	30	90	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	23.85	23.05	0.2018
41	30	90	528996	2644.98	DFT-s-OFDM QPSK	1@1	24.43	23.63	0.2307
41	30	90	528996	2644.98	DFT-s-OFDM 16 QAM	1@1	23.62	22.82	0.1914
41	30	100	509202	2546.01	DFT-s-OFDM PI/2 BPSK	135@67	25.24	24.44	0.2780
41	30	100	509202	2546.01	DFT-s-OFDM PI/2 BPSK	1@1	25.07	24.27	0.2673
41	30	100	509202	2546.01	DFT-s-OFDM PI/2 BPSK	1@271	25.32	24.52	0.2831
41	30	100	509202	2546.01	DFT-s-OFDM QPSK	135@67	25.26	24.46	0.2793
41	30	100	509202	2546.01	DFT-s-OFDM QPSK	1@1	25.14	24.34	0.2716
41	30	100	509202	2546.01	DFT-s-OFDM QPSK	1@271	25.24	24.44	0.2780
41	30	100	509202	2546.01	DFT-s-OFDM 16 QAM	135@67	24.24	23.44	0.2208

41	30	100	509202	2546.01	DFT-s-OFDM 16 QAM	1@1	24.14	23.34	0.2158
41	30	100	509202	2546.01	DFT-s-OFDM 16 QAM	1@271	24.36	23.56	0.2270
41	30	100	509202	2546.01	DFT-s-OFDM 64 QAM	135@67	22.77	21.97	0.1574
41	30	100	509202	2546.01	DFT-s-OFDM 64 QAM	1@1	22.61	21.81	0.1517
41	30	100	509202	2546.01	DFT-s-OFDM 64 QAM	1@271	22.86	22.06	0.1607
41	30	100	509202	2546.01	DFT-s-OFDM 256 QAM	135@67	20.81	20.01	0.1002
41	30	100	509202	2546.01	DFT-s-OFDM 256 QAM	1@1	20.4	19.6	0.0912
41	30	100	509202	2546.01	DFT-s-OFDM 256 QAM	1@271	20.68	19.88	0.0973
41	30	100	509202	2546.01	CP-OFDM QPSK	137@68	23.76	22.96	0.1977
41	30	100	509202	2546.01	CP-OFDM QPSK	1@1	23.57	22.77	0.1892
41	30	100	509202	2546.01	CP-OFDM QPSK	1@271	23.82	23.02	0.2004
41	30	100	518598	2592.99	DFT-s-OFDM PI/2 BPSK	135@67	25.18	24.38	0.2742
41	30	100	518598	2592.99	DFT-s-OFDM PI/2 BPSK	1@1	25.07	24.27	0.2673
41	30	100	518598	2592.99	DFT-s-OFDM PI/2 BPSK	1@271	25.46	24.66	0.2924
41	30	100	518598	2592.99	DFT-s-OFDM QPSK	135@67	25.17	24.37	0.2735
41	30	100	518598	2592.99	DFT-s-OFDM QPSK	1@1	25.02	24.22	0.2642
41	30	100	518598	2592.99	DFT-s-OFDM QPSK	1@271	25.34	24.54	0.2844
41	30	100	518598	2592.99	DFT-s-OFDM 16 QAM	135@67	24.2	23.4	0.2188
41	30	100	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	24.17	23.37	0.2173
41	30	100	518598	2592.99	DFT-s-OFDM 16 QAM	1@271	24.49	23.69	0.2339
41	30	100	518598	2592.99	DFT-s-OFDM 64 QAM	135@67	22.69	21.89	0.1545
41	30	100	518598	2592.99	DFT-s-OFDM 64 QAM	1@1	22.62	21.82	0.1521
41	30	100	518598	2592.99	DFT-s-OFDM 64 QAM	1@271	23.04	22.24	0.1675
41	30	100	518598	2592.99	DFT-s-OFDM 256 QAM	135@67	20.67	19.87	0.0971

41	30	100	518598	2592.99	DFT-s-OFDM 256 QAM	1@1	20.43	19.63	0.0918
41	30	100	518598	2592.99	DFT-s-OFDM 256 QAM	1@271	20.84	20.04	0.1009
41	30	100	518598	2592.99	CP-OFDM QPSK	137@68	23.68	22.88	0.1941
41	30	100	518598	2592.99	CP-OFDM QPSK	1@1	23.55	22.75	0.1884
41	30	100	518598	2592.99	CP-OFDM QPSK	1@271	23.86	23.06	0.2023
41	30	100	528000	2640.0	DFT-s-OFDM PI/2 BPSK	135@67	25.11	24.31	0.2698
41	30	100	528000	2640.0	DFT-s-OFDM PI/2 BPSK	1@1	24.77	23.97	0.2495
41	30	100	528000	2640.0	DFT-s-OFDM PI/2 BPSK	1@271	25.35	24.55	0.2851
41	30	100	528000	2640.0	DFT-s-OFDM QPSK	135@67	25.09	24.29	0.2685
41	30	100	528000	2640.0	DFT-s-OFDM QPSK	1@1	24.85	24.05	0.2541
41	30	100	528000	2640.0	DFT-s-OFDM QPSK	1@271	25.39	24.59	0.2877
41	30	100	528000	2640.0	DFT-s-OFDM 16 QAM	135@67	24.1	23.3	0.2138
41	30	100	528000	2640.0	DFT-s-OFDM 16 QAM	1@1	23.82	23.02	0.2004
41	30	100	528000	2640.0	DFT-s-OFDM 16 QAM	1@271	24.38	23.58	0.2280
41	30	100	528000	2640.0	DFT-s-OFDM 64 QAM	135@67	22.6	21.8	0.1514
41	30	100	528000	2640.0	DFT-s-OFDM 64 QAM	1@1	22.36	21.56	0.1432
41	30	100	528000	2640.0	DFT-s-OFDM 64 QAM	1@271	22.97	22.17	0.1648
41	30	100	528000	2640.0	DFT-s-OFDM 256 QAM	135@67	20.63	19.83	0.0962
41	30	100	528000	2640.0	DFT-s-OFDM 256 QAM	1@1	20.16	19.36	0.0863
41	30	100	528000	2640.0	DFT-s-OFDM 256 QAM	1@271	20.74	19.94	0.0986
41	30	100	528000	2640.0	CP-OFDM QPSK	137@68	23.55	22.75	0.1884
41	30	100	528000	2640.0	CP-OFDM QPSK	1@1	23.31	22.51	0.1782
41	30	100	528000	2640.0	CP-OFDM QPSK	1@271	23.76	22.96	0.1977

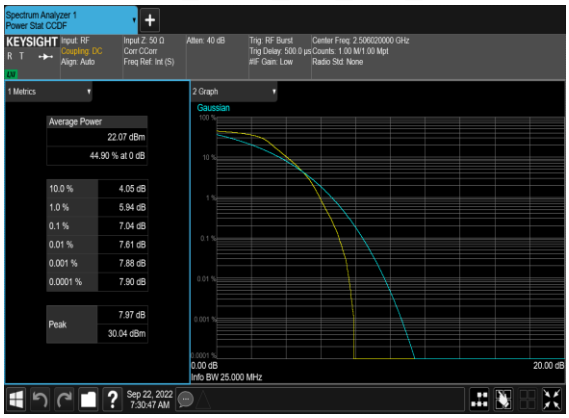
Frequency Stability

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	0.0026	**PASS**	NV
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	0.0035	**PASS**	LV
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	0.0031	**PASS**	HV
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	0.0045	**PASS**	-30℃
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	0.0067	**PASS**	-20℃
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	0.0050	**PASS**	-10℃
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	0.0033	**PASS**	0℃
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	0.0059	**PASS**	10℃
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	0.0026	**PASS**	20℃
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	0.0053	**PASS**	30℃
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	0.0060	**PASS**	40℃
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	0.0034	**PASS**	50℃

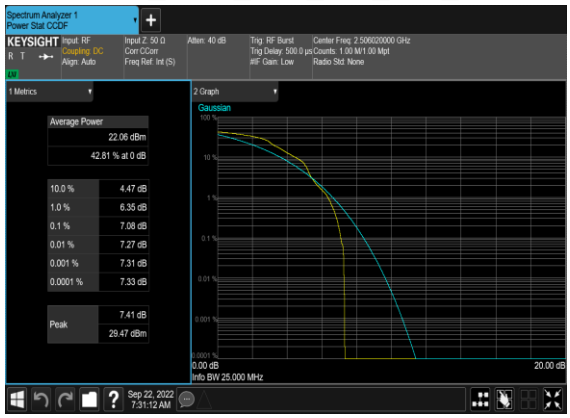
Peak to Average Radio

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	7.04	13	**PASS**
41	30	20	501204	2506.02	DFT-s-OFDM PI/2 BPSK	1@0	7.08	13	**PASS**
41	30	20	501204	2506.02	DFT-s-OFDM QPSK	50@0	8.23	13	**PASS**
41	30	20	501204	2506.02	DFT-s-OFDM QPSK	1@0	8.18	13	**PASS**
41	30	20	518598	2592.99	DFT-s-OFDM PI/2 BPSK	50@0	7.02	13	**PASS**
41	30	20	518598	2592.99	DFT-s-OFDM PI/2 BPSK	1@0	7.07	13	**PASS**
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	8.26	13	**PASS**
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	1@0	8.47	13	**PASS**
41	30	20	535998	2679.99	DFT-s-OFDM PI/2 BPSK	50@0	6.75	13	**PASS**
41	30	20	535998	2679.99	DFT-s-OFDM PI/2 BPSK	1@0	6.86	13	**PASS**
41	30	20	535998	2679.99	DFT-s-OFDM QPSK	50@0	8.04	13	**PASS**
41	30	20	535998	2679.99	DFT-s-OFDM QPSK	1@0	7.9	13	**PASS**

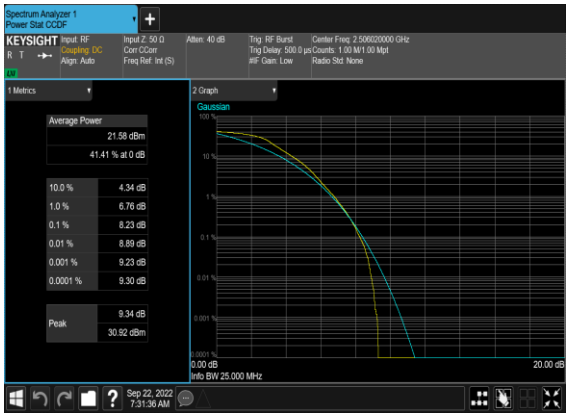
N41(20M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_Low_CH



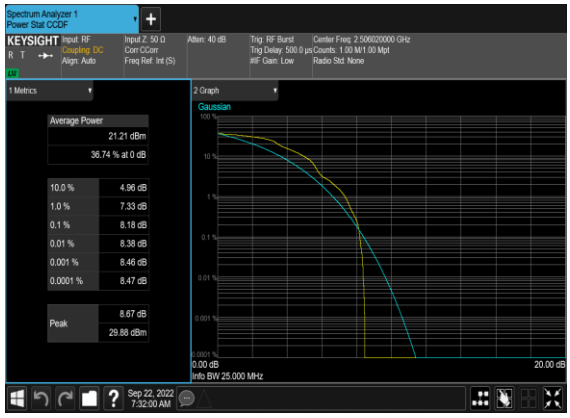
N41(20M)_DFT-s-OFDM_PI_2-BPSK_Edge_1RB_Left_Low_CH



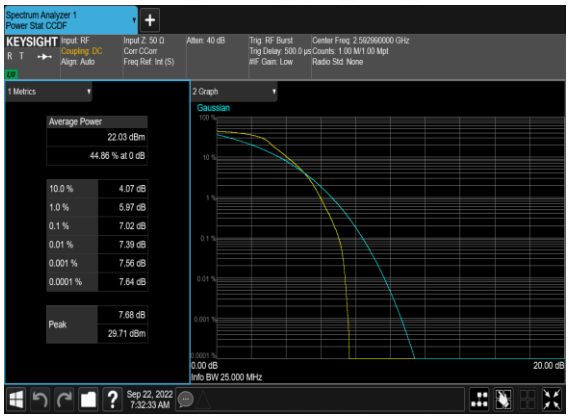
N41(20M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH



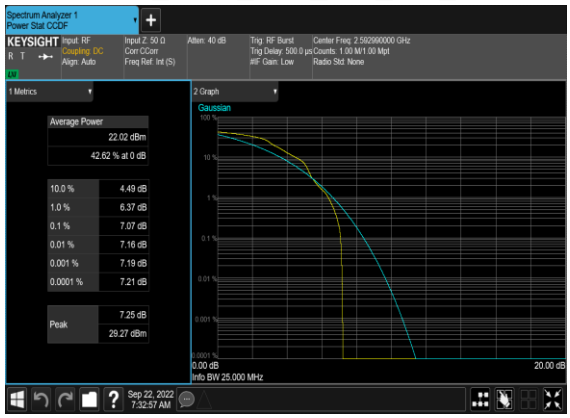
N41(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



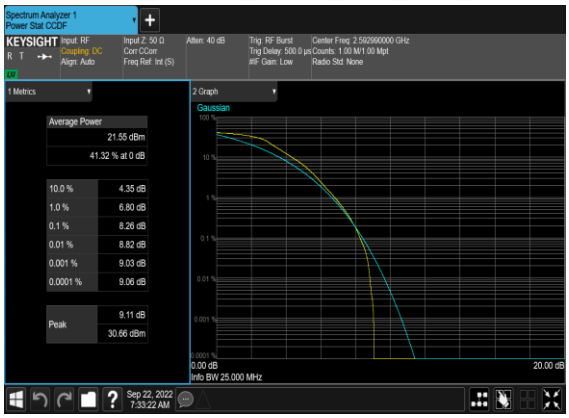
N41(20M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_Mid_CH



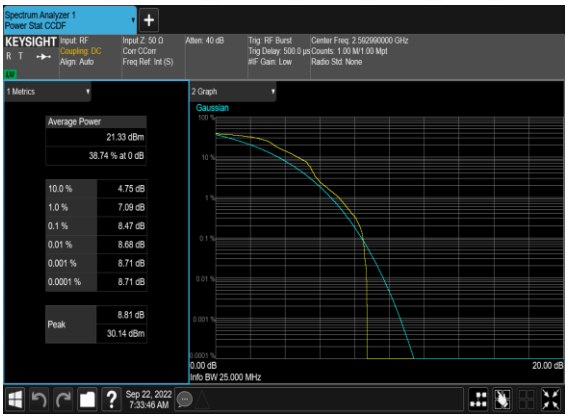
N41(20M)_DFT-s-OFDM_PI_2-BPSK_Edge_1RB_Left_Mid_CH



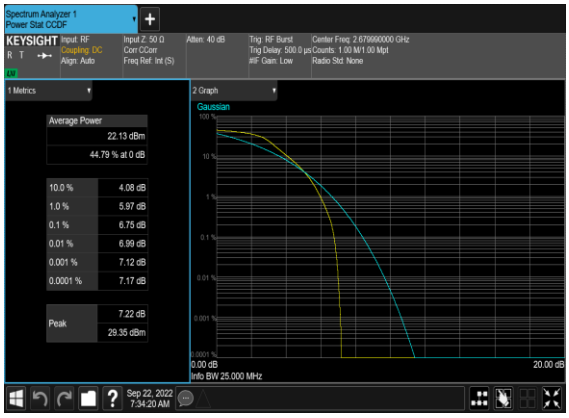
N41(20M)_DFT-s-OFDM_QPSK_Outer_Full_Mid_CH



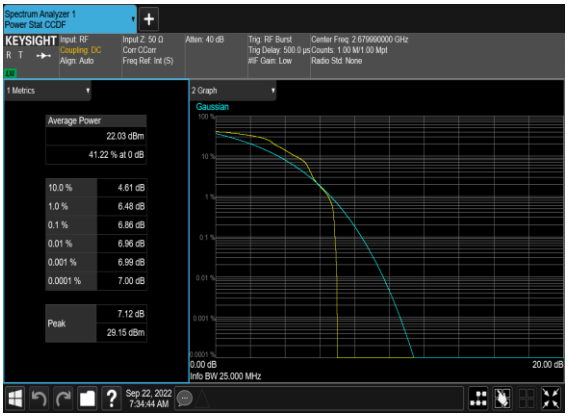
N41(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



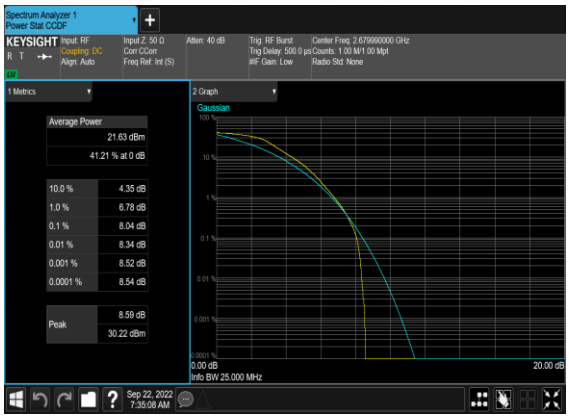
N41(20M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_High_CH



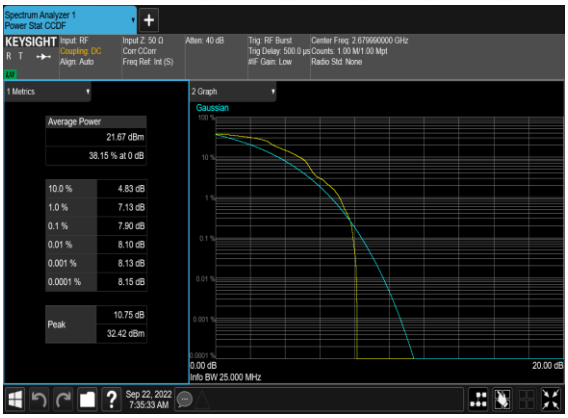
N41(20M)_DFT-s-OFDM_PI_2-BPSK_Edge_1RB_Left_High_CH



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	8.611	9.763
41	30	10	518598	2592.99	DFT-s-OFDM QPSK	24@0	8.5907	9.755
41	30	10	518598	2592.99	CP-OFDM QPSK	24@0	8.5756	9.96
41	30	10	518598	2592.99	CP-OFDM 16 QAM	24@0	8.5955	9.72
41	30	10	518598	2592.99	CP-OFDM 64 QAM	24@0	8.6096	9.727
41	30	10	518598	2592.99	CP-OFDM 256 QAM	24@0	8.5644	9.418
41	30	15	518598	2592.99	DFT-s-OFDM PI/2 BPSK	36@0	12.847	14.07
41	30	15	518598	2592.99	DFT-s-OFDM QPSK	36@0	12.856	14.2
41	30	15	518598	2592.99	CP-OFDM QPSK	38@0	13.582	14.86
41	30	15	518598	2592.99	CP-OFDM 16 QAM	38@0	13.624	14.89
41	30	15	518598	2592.99	CP-OFDM 64 QAM	38@0	13.6	14.86
41	30	15	518598	2592.99	CP-OFDM 256 QAM	38@0	13.58	14.71
41	30	20	518598	2592.99	DFT-s-OFDM PI/2 BPSK	50@0	17.811	19.23
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	17.81	18.88
41	30	20	518598	2592.99	CP-OFDM QPSK	51@0	18.214	19.46
41	30	20	518598	2592.99	CP-OFDM 16 QAM	51@0	18.216	19.78
41	30	20	518598	2592.99	CP-OFDM 64 QAM	51@0	18.228	19.8
41	30	20	518598	2592.99	CP-OFDM 256 QAM	51@0	18.207	19.7
41	30	30	518598	2592.99	DFT-s-OFDM PI/2 BPSK	75@0	26.716	28.55
41	30	30	518598	2592.99	DFT-s-OFDM QPSK	75@0	26.743	28.11
41	30	30	518598	2592.99	CP-OFDM QPSK	78@0	27.881	29.34
41	30	30	518598	2592.99	CP-OFDM 16 QAM	78@0	27.873	29.2
41	30	30	518598	2592.99	CP-OFDM 64 QAM	78@0	27.825	29.54
41	30	30	518598	2592.99	CP-OFDM 256 QAM	78@0	27.88	29.39

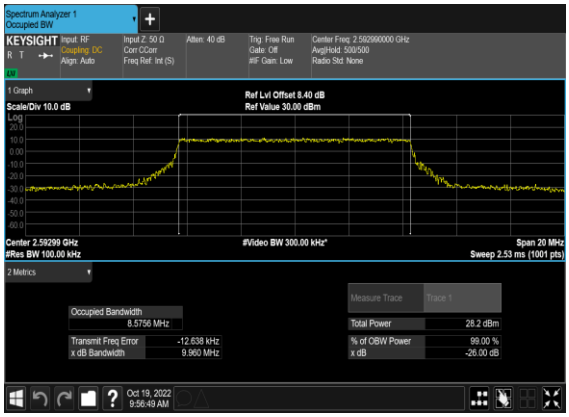
41	30	40	518598	2592.99	DFT-s-OFDM PI/2 BPSK	100@0	35.727	37.6
41	30	40	518598	2592.99	DFT-s-OFDM QPSK	100@0	35.785	37.62
41	30	40	518598	2592.99	CP-OFDM QPSK	106@0	37.787	39.56
41	30	40	518598	2592.99	CP-OFDM 16 QAM	106@0	37.798	39.45
41	30	40	518598	2592.99	CP-OFDM 64 QAM	106@0	37.866	39.52
41	30	40	518598	2592.99	CP-OFDM 256 QAM	106@0	37.895	39.49
41	30	50	518598	2592.99	DFT-s-OFDM PI/2 BPSK	128@0	45.715	47.77
41	30	50	518598	2592.99	DFT-s-OFDM QPSK	128@0	45.706	47.73
41	30	50	518598	2592.99	CP-OFDM QPSK	133@0	47.383	49.38
41	30	50	518598	2592.99	CP-OFDM 16 QAM	133@0	47.491	49.46
41	30	50	518598	2592.99	CP-OFDM 64 QAM	133@0	47.482	49.52
41	30	50	518598	2592.99	CP-OFDM 256 QAM	133@0	47.502	49.54
41	30	60	518598	2592.99	DFT-s-OFDM PI/2 BPSK	162@0	57.975	60.24
41	30	60	518598	2592.99	DFT-s-OFDM QPSK	162@0	57.898	60.31
41	30	60	518598	2592.99	CP-OFDM QPSK	162@0	57.843	59.91
41	30	60	518598	2592.99	CP-OFDM 16 QAM	162@0	57.765	60.15
41	30	60	518598	2592.99	CP-OFDM 64 QAM	162@0	57.823	59.94
41	30	60	518598	2592.99	CP-OFDM 256 QAM	162@0	57.858	60.09
41	30	70	518598	2592.99	DFT-s-OFDM PI/2 BPSK	180@0	64.341	66.61
41	30	70	518598	2592.99	DFT-s-OFDM QPSK	180@0	64.3	66.52
41	30	70	518598	2592.99	CP-OFDM QPSK	189@0	67.49	69.89
41	30	70	518598	2592.99	CP-OFDM 16 QAM	189@0	67.302	69.92
41	30	70	518598	2592.99	CP-OFDM 64 QAM	189@0	67.581	69.96
41	30	70	518598	2592.99	CP-OFDM 256 QAM	189@0	67.534	69.63
41	30	80	518598	2592.99	DFT-s-OFDM PI/2 BPSK	216@0	77.102	79.64
41	30	80	518598	2592.99	DFT-s-OFDM	216@0	77.017	79.83

					QPSK			
41	30	80	518598	2592.99	CP-OFDM QPSK	217@0	77.428	80.2
41	30	80	518598	2592.99	CP-OFDM 16 QAM	217@0	77.543	80.17
41	30	80	518598	2592.99	CP-OFDM 64 QAM	217@0	77.586	80.01
41	30	80	518598	2592.99	CP-OFDM 256 QAM	217@0	77.448	79.95
41	30	90	518598	2592.99	DFT-s-OFDM PI/2 BPSK	240@0	85.739	88.6
41	30	90	518598	2592.99	DFT-s-OFDM QPSK	240@0	85.589	88.63
41	30	90	518598	2592.99	CP-OFDM QPSK	245@0	87.326	90.25
41	30	90	518598	2592.99	CP-OFDM 16 QAM	245@0	87.264	90.38
41	30	90	518598	2592.99	CP-OFDM 64 QAM	245@0	87.346	90.39
41	30	90	518598	2592.99	CP-OFDM 256 QAM	245@0	87.575	90.44
41	30	100	518598	2592.99	DFT-s-OFDM PI/2 BPSK	270@0	96.458	99.77
41	30	100	518598	2592.99	DFT-s-OFDM QPSK	270@0	96.579	99.59
41	30	100	518598	2592.99	CP-OFDM QPSK	273@0	97.462	100.6
41	30	100	518598	2592.99	CP-OFDM 16 QAM	273@0	97.421	100.6
41	30	100	518598	2592.99	CP-OFDM 64 QAM	273@0	97.495	100.9
41	30	100	518598	2592.99	CP-OFDM 256 QAM	273@0	97.544	100.6

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

N41(10M)_DFT-s-OFDM_QPSK_Outer_Full_Mid_CH

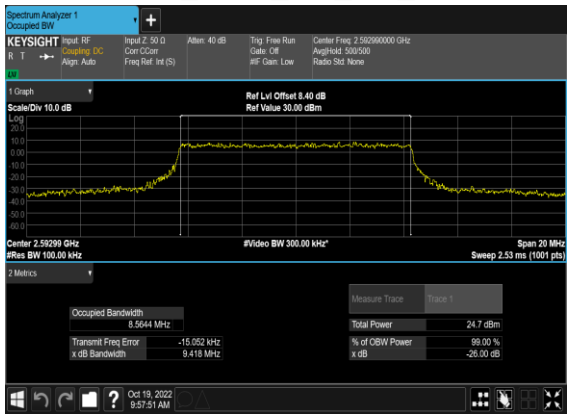
N41(10M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



N41(10M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH

N41(10M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH

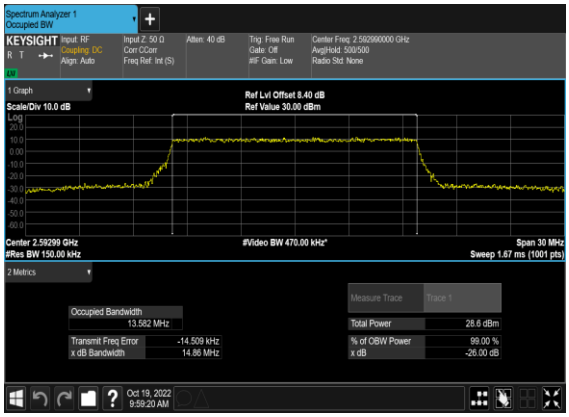
N41(10M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH



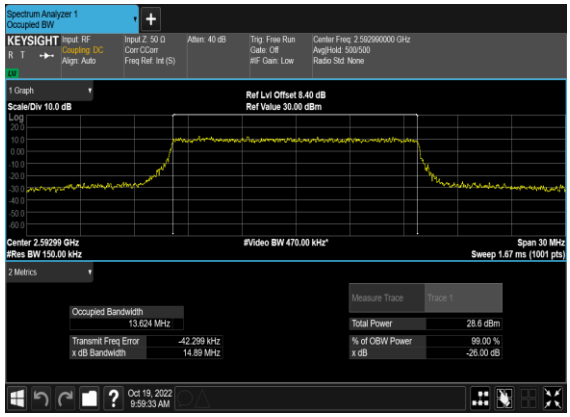
N41(15M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_Mid_CH

N41(15M)_DFT-s-OFDM_QPSK_Outer_Full_Mid_CH

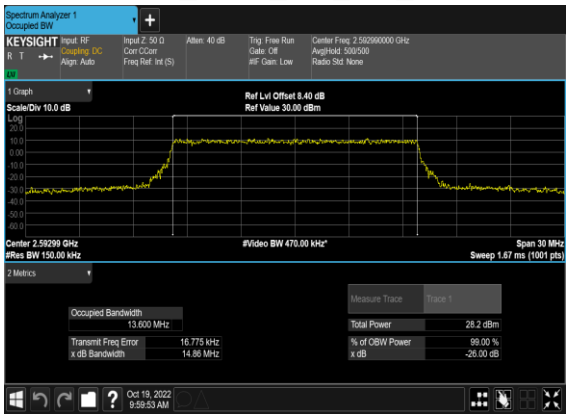
N41(15M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



N41(15M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



N41(15M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH



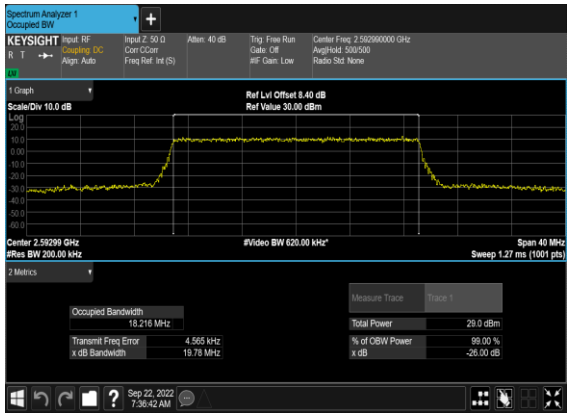
N41(15M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH

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

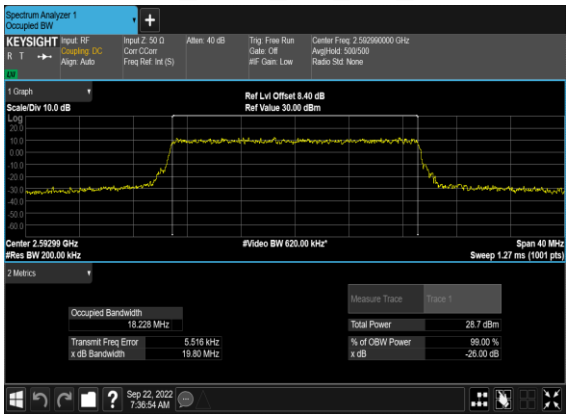
N41(20M)_DFT-s-OFDM_QPSK_Outer_Full_Mid_CH

N41(20M)_CP-OFDM_QPSK_Outer_Full_Mid_CH

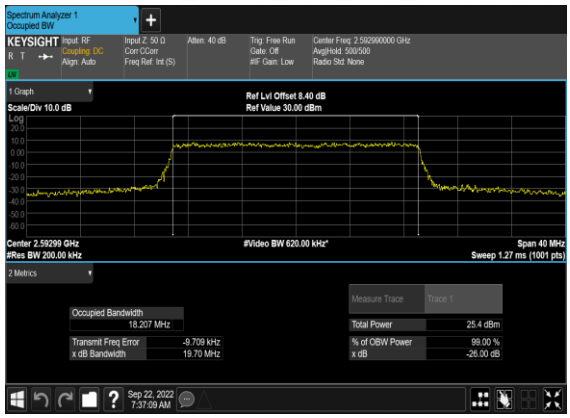
N41(20M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



N41(20M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH



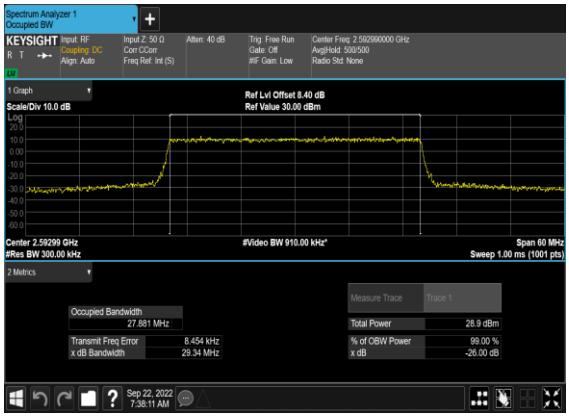
N41(20M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH



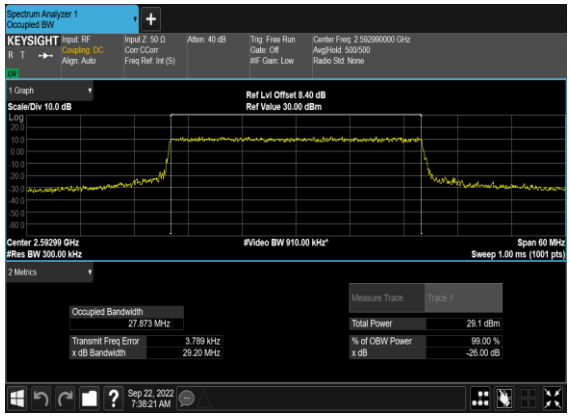
N41(30M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_Mid_CH

N41(30M)_DFT-s-OFDM_QPSK_Outer_Full_Mid_CH

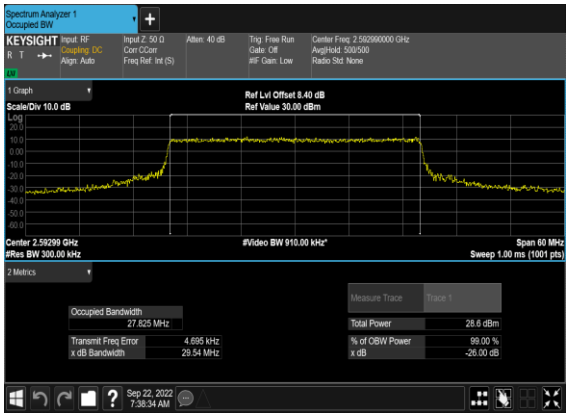
N41(30M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



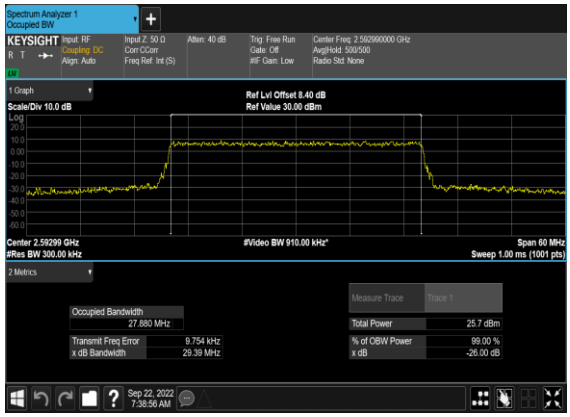
N41(30M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



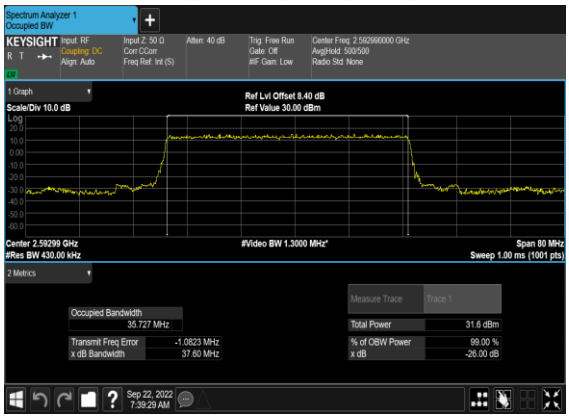
N41(30M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH



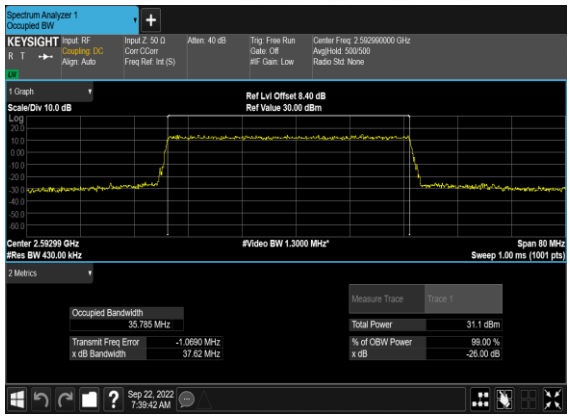
N41(30M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH



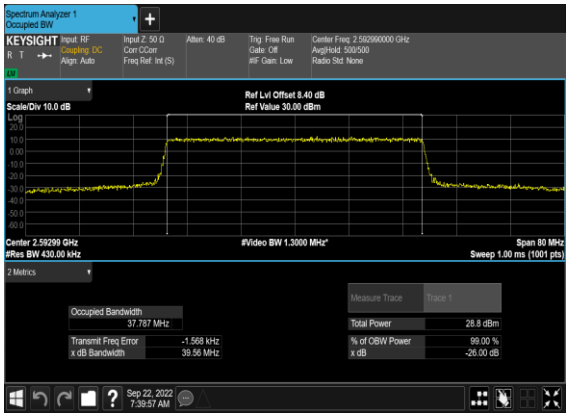
N41(40M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_Mid_CH



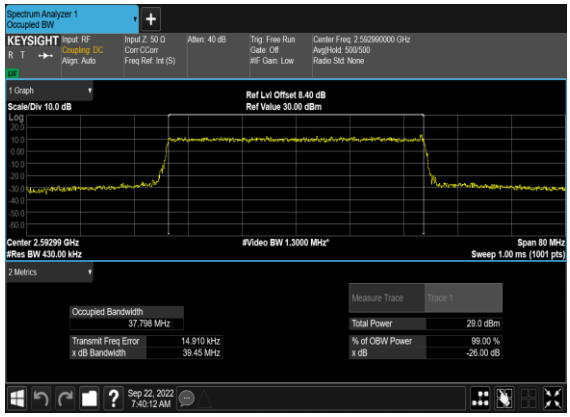
N41(40M)_DFT-s-OFDM_QPSK_Outer_Full_Mid_CH



N41(40M)_CP-OFDM_QPSK_Outer_Full_Mid_CH

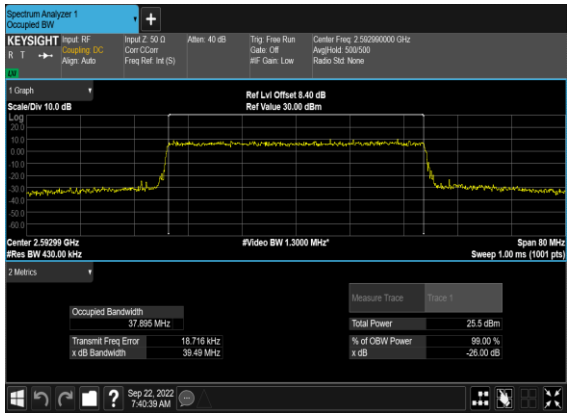


N41(40M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



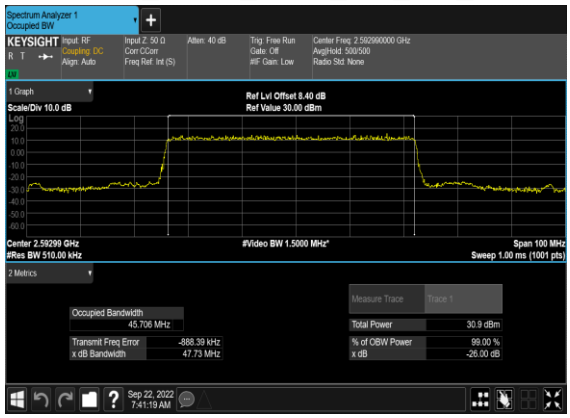
N41(40M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH

N41(40M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH

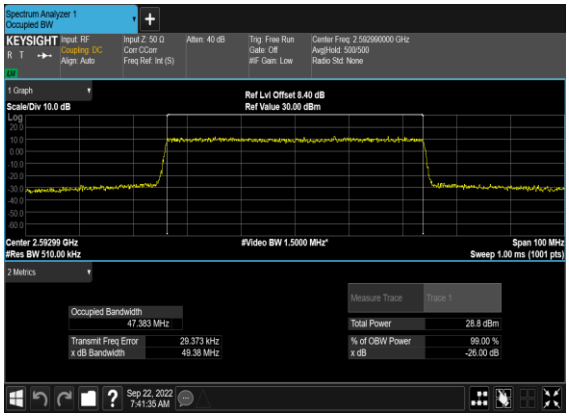


N41(50M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_Mid_CH

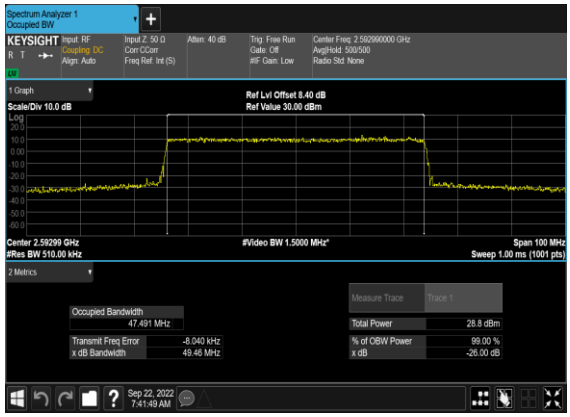
N41(50M)_DFT-s-OFDM_QPSK_Outer_Full_Mid_CH



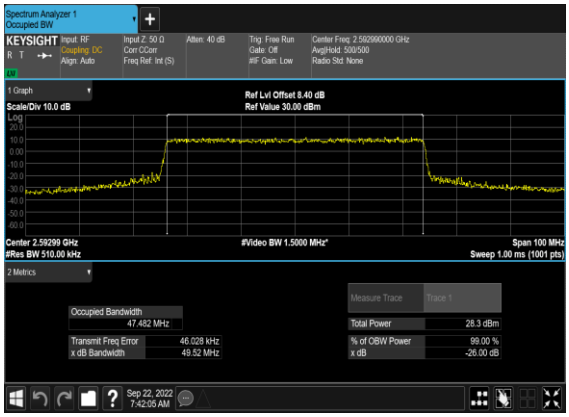
N41(50M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



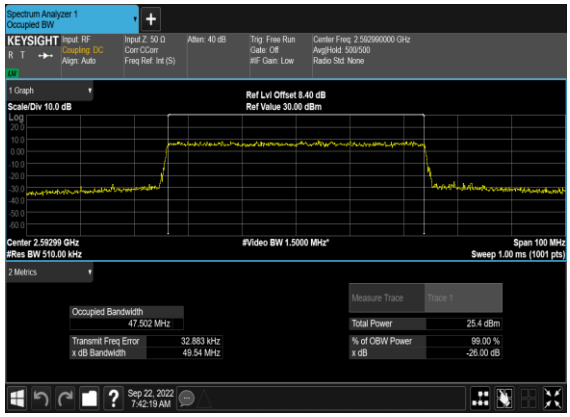
N41(50M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



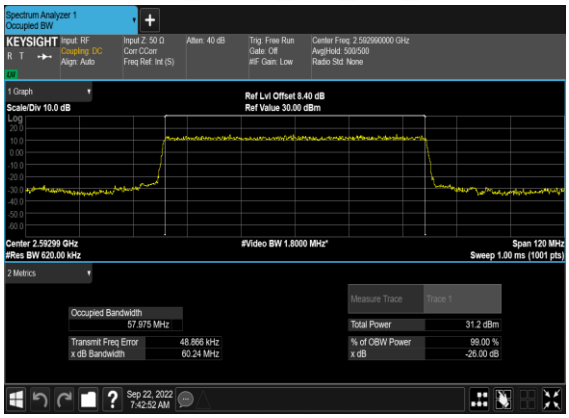
N41(50M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH



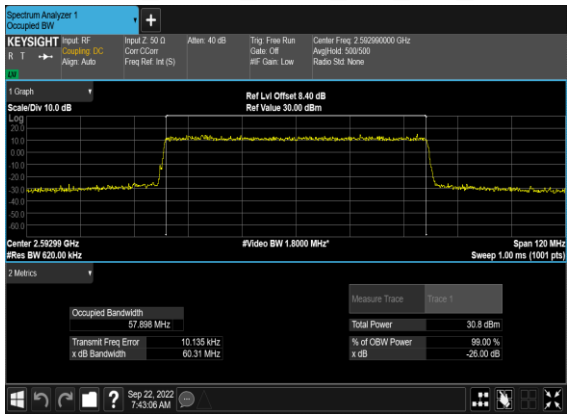
N41(50M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH



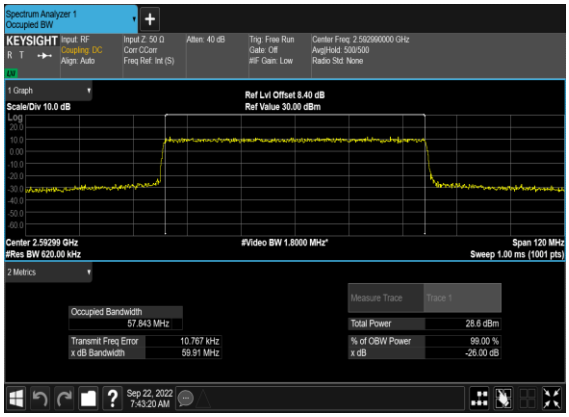
N41(60M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_Mid_CH



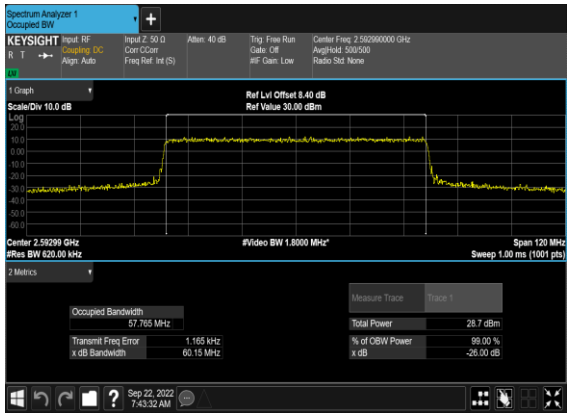
N41(60M)_DFT-s-OFDM_QPSK_Outer_Full_Mid_CH



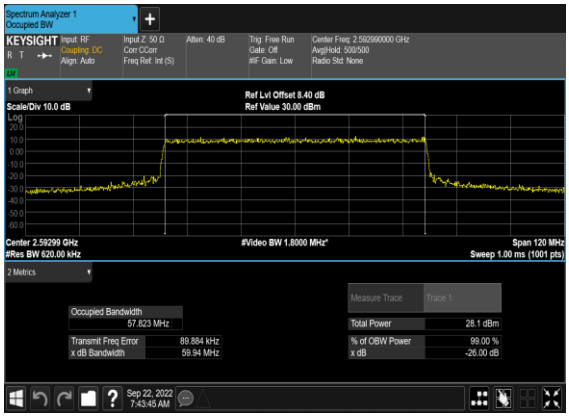
N41(60M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



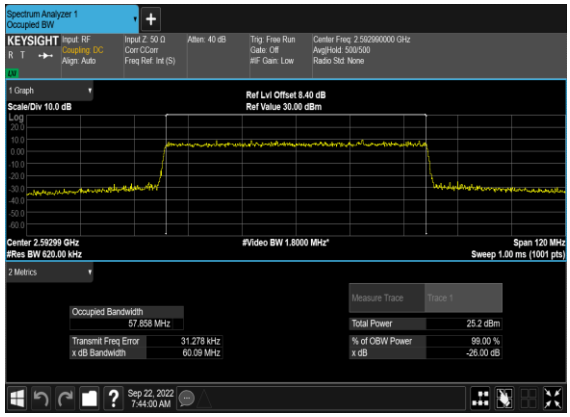
N41(60M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



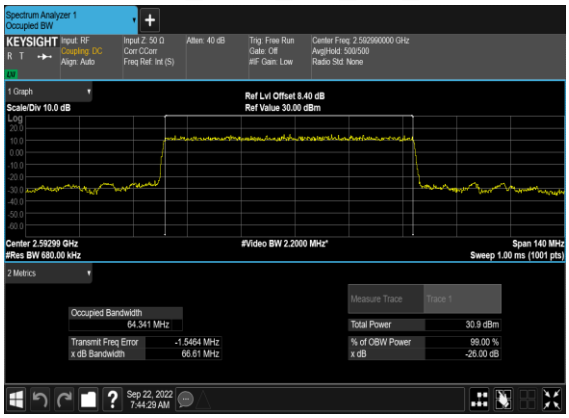
N41(60M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH



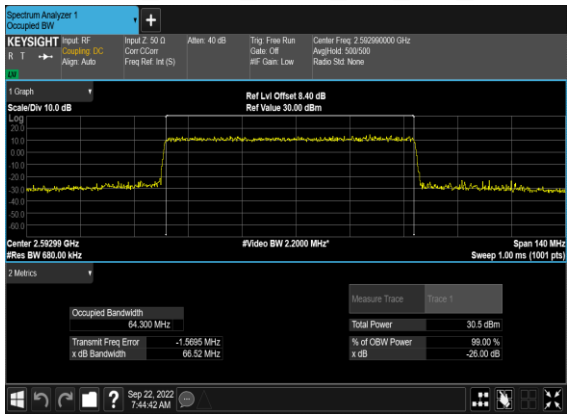
N41(60M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH



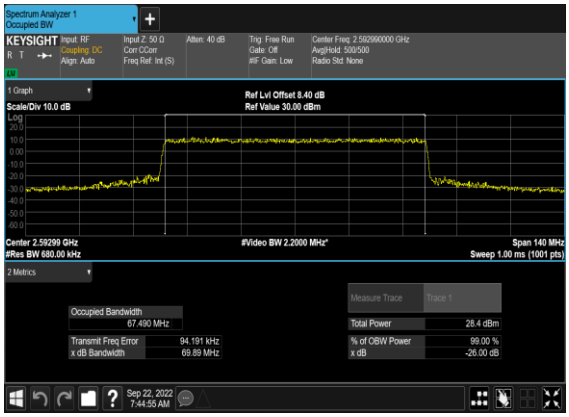
N41(70M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_Mid_CH



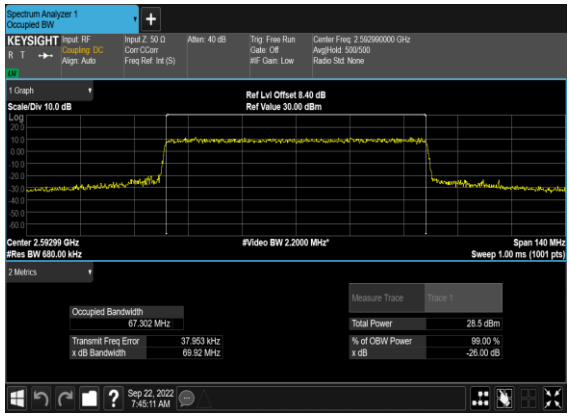
N41(70M)_DFT-s-OFDM_QPSK_Outer_Full_Mid_CH



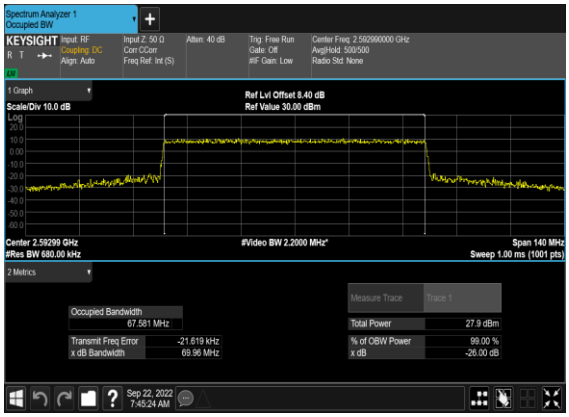
N41(70M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



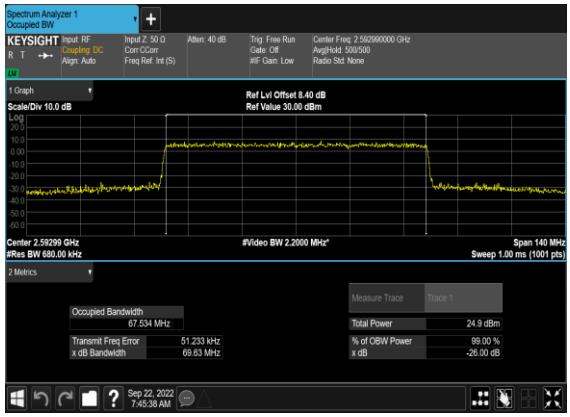
N41(70M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



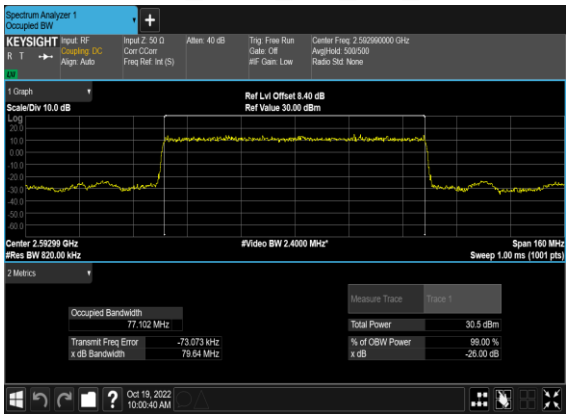
N41(70M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH



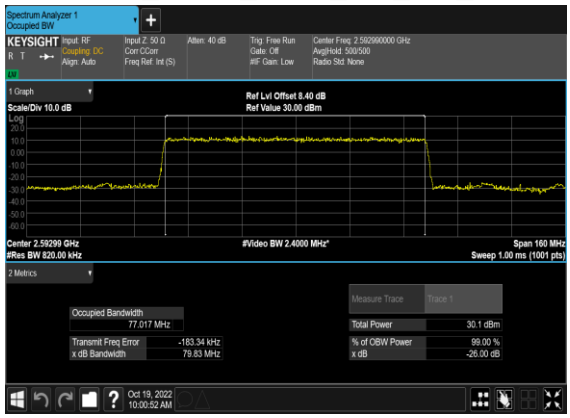
N41(70M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH



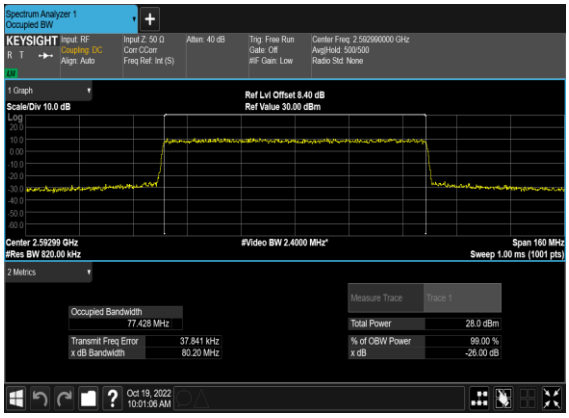
N41(80M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_Mid_CH



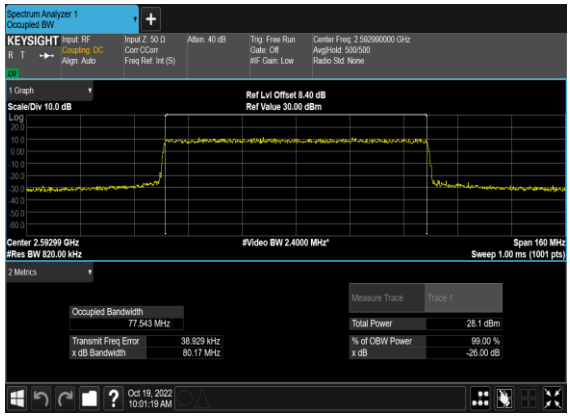
N41(80M)_DFT-s-OFDM_QPSK_Outer_Full_Mid_CH



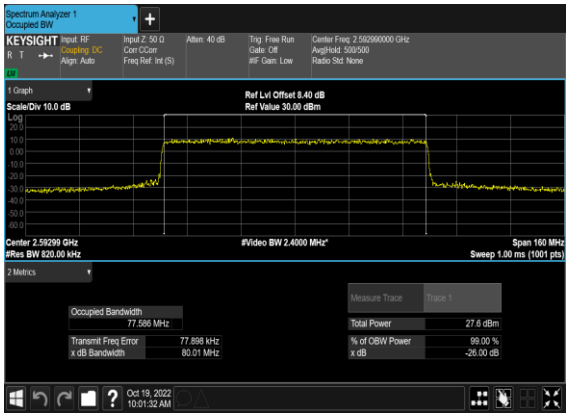
N41(80M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



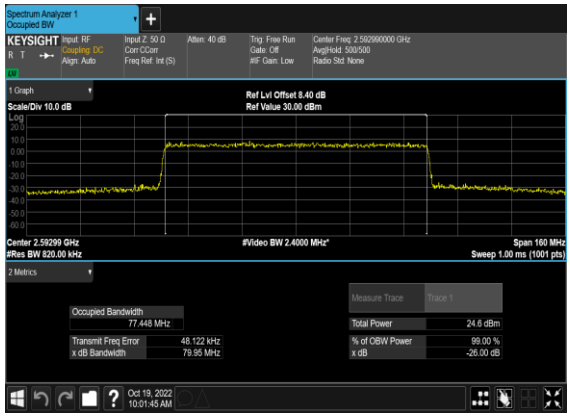
N41(80M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



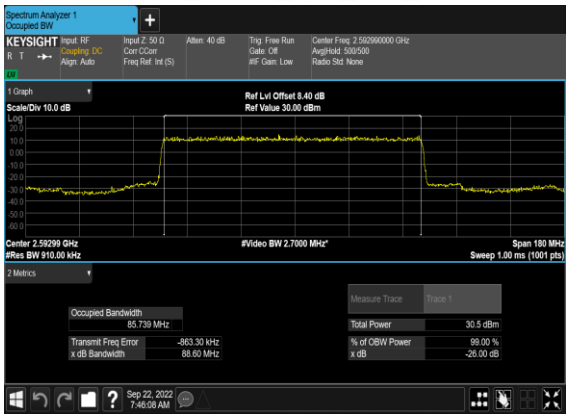
N41(80M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH



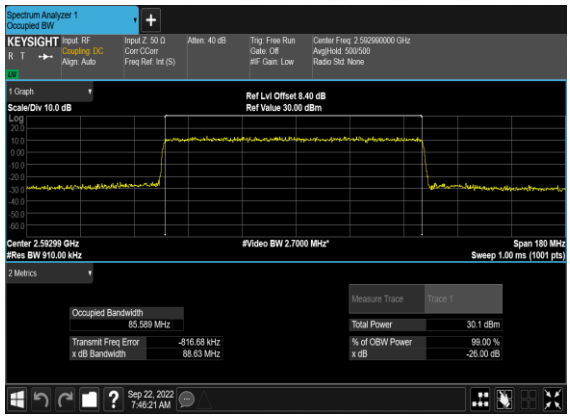
N41(80M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH



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

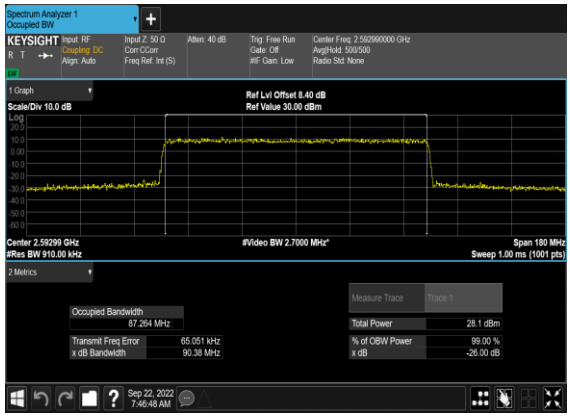


N41(90M)_DFT-s-OFDM_QPSK_Outer_Full_Mid_CH

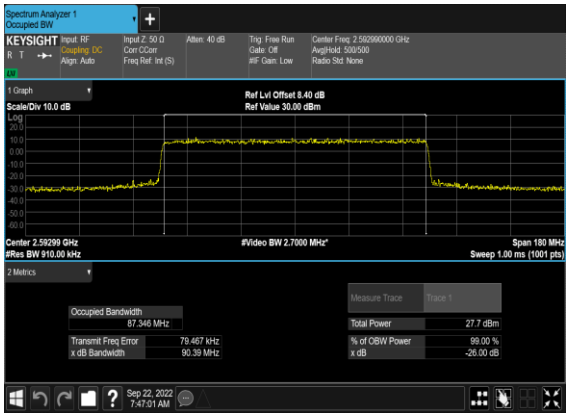


N41(90M)_CP-OFDM_QPSK_Outer_Full_Mid_CH

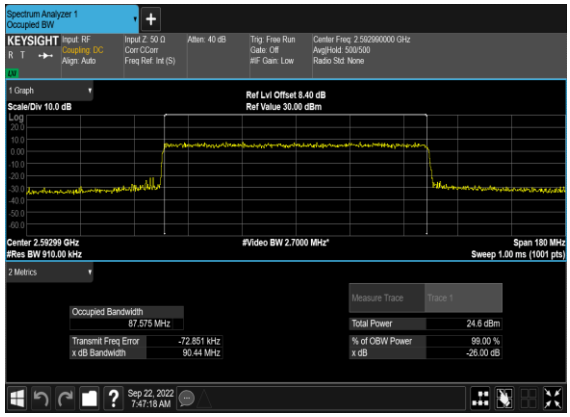
N41(90M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



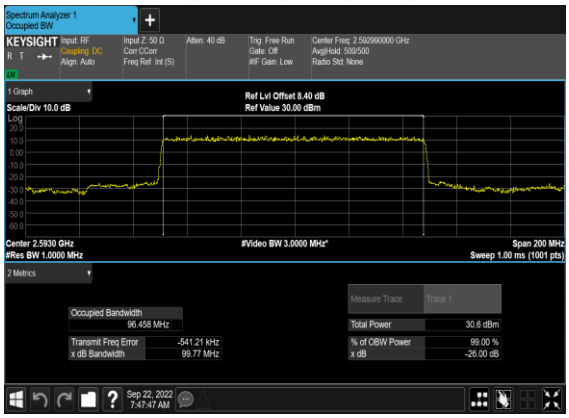
N41(90M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH



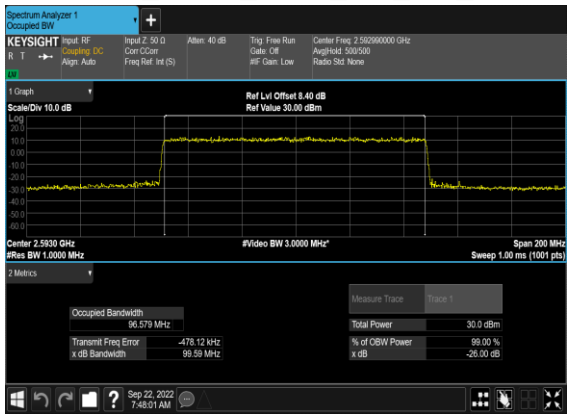
N41(90M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH



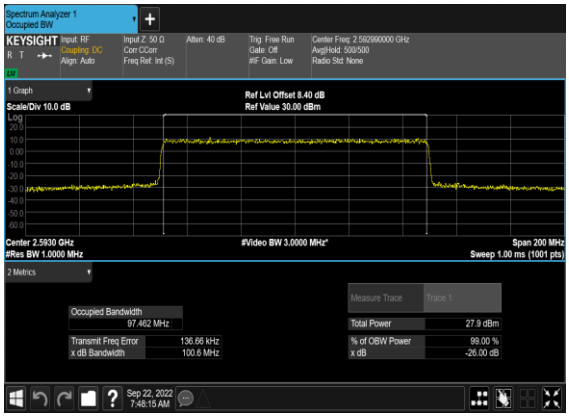
N41(100M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_Mid_CH



N41(100M)_DFT-s-OFDM_QPSK_Outer_Full_Mid_CH

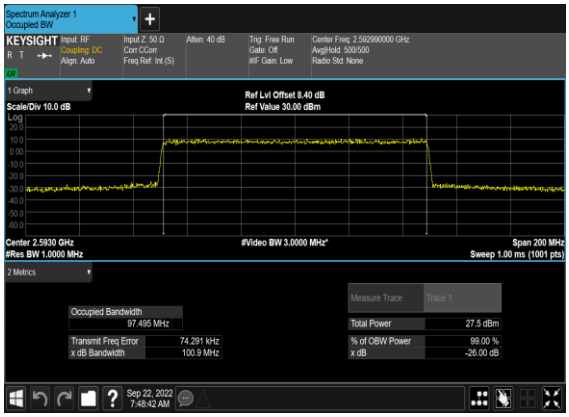


N41(100M)_CP-OFDM_QPSK_Outer_Full_Mid_CH

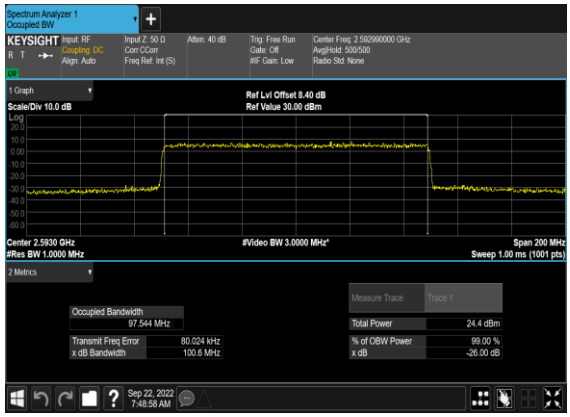


N41(100M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH

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**