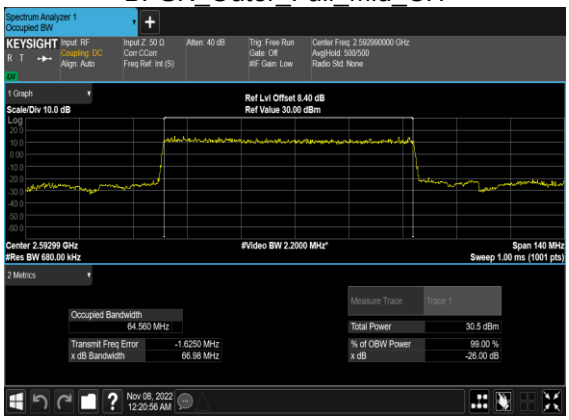
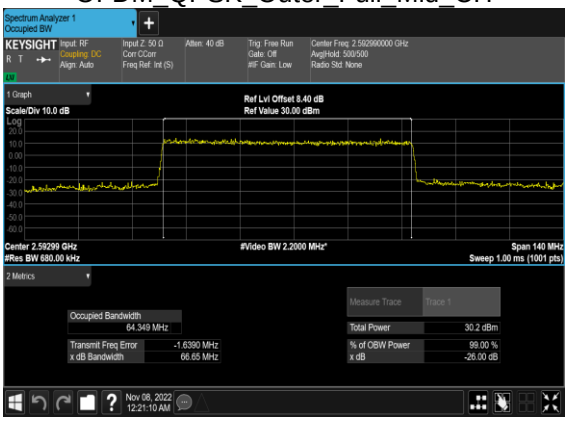
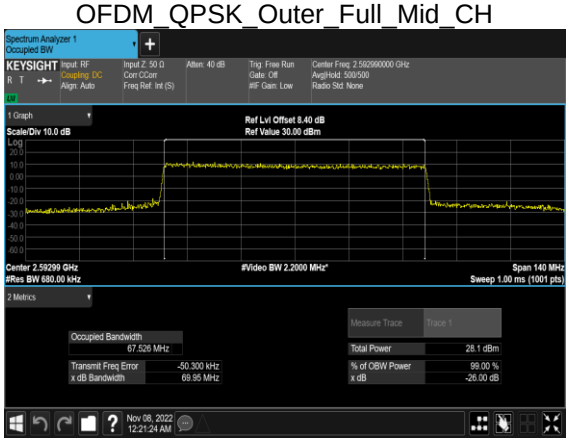
N41(70M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_Mid_CH



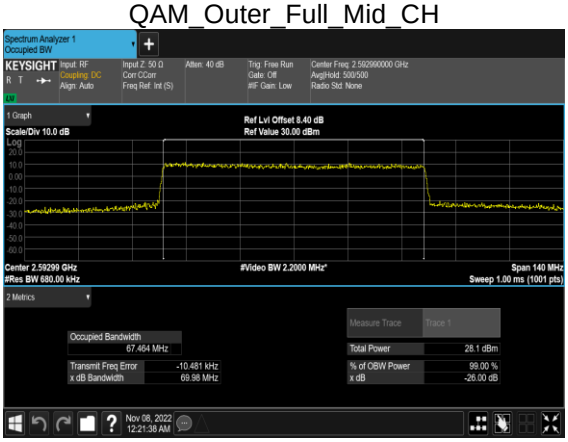
N41(70M)_DFT-s-OFDM_QPSK_Outer_Full_Mid_CH



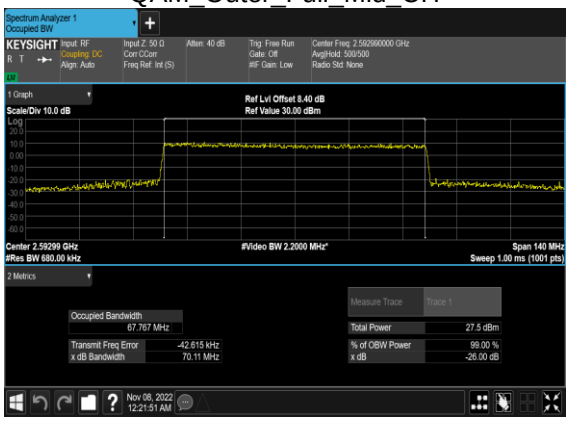
N41(70M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



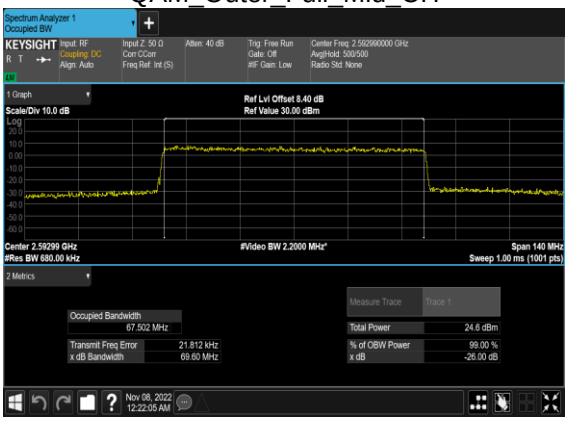
N41(70M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



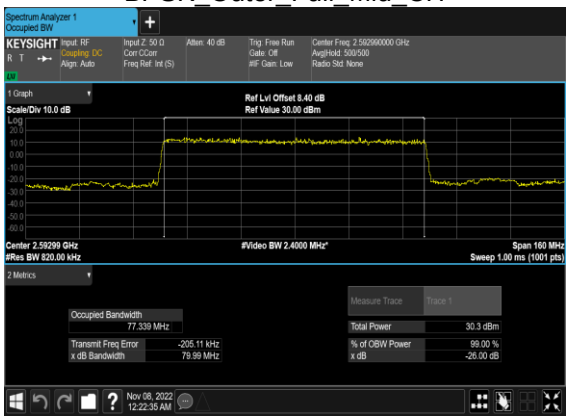
N41(70M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH



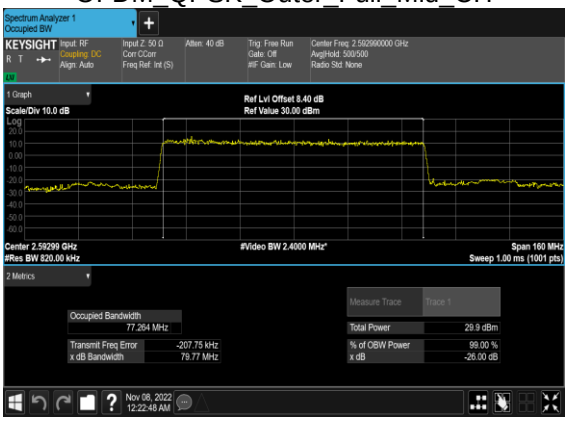
N41(70M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH



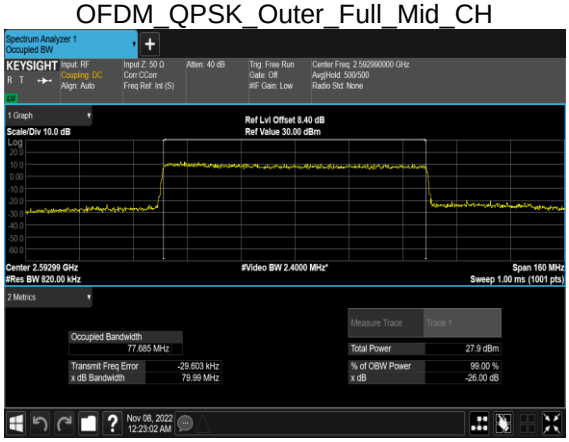
N41(80M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_Mid_CH



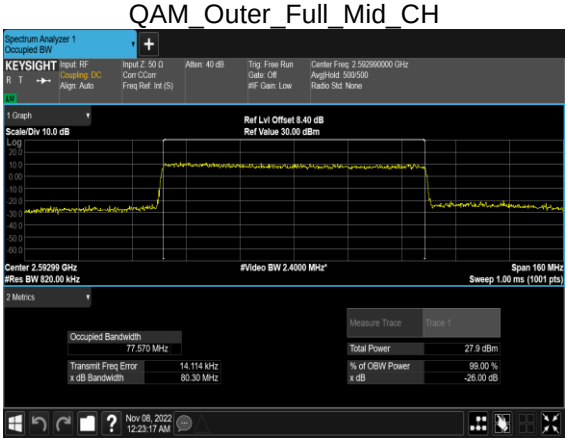
N41(80M)_DFT-s-OFDM_QPSK_Outer_Full_Mid_CH



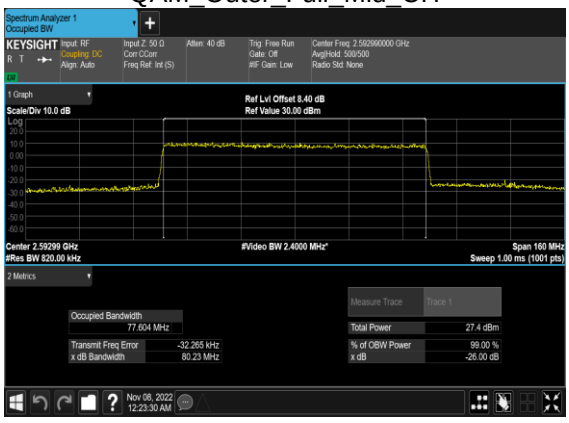
N41(80M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



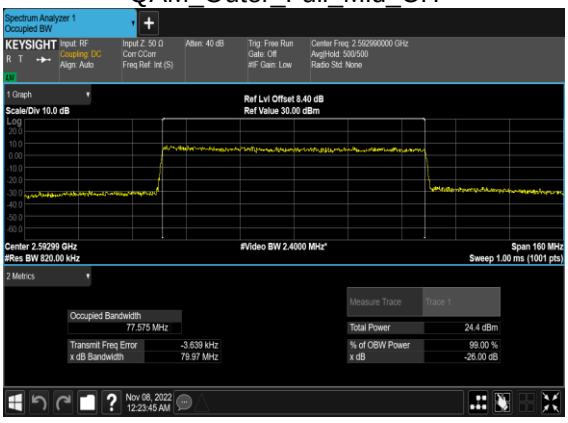
N41(80M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



N41(80M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH

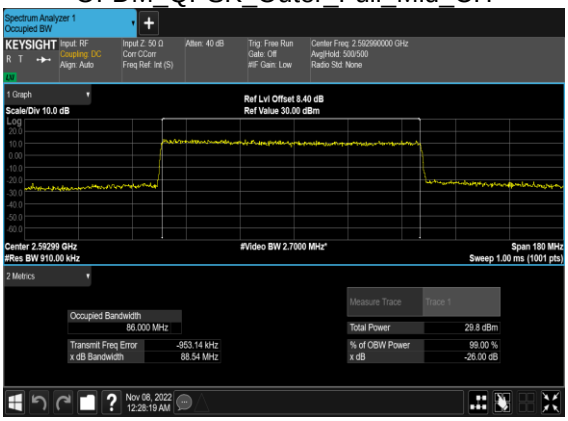


N41(80M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH

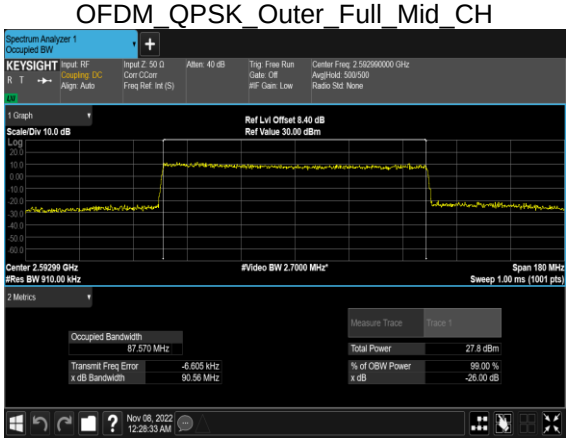


N41(90M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_Mid_CH

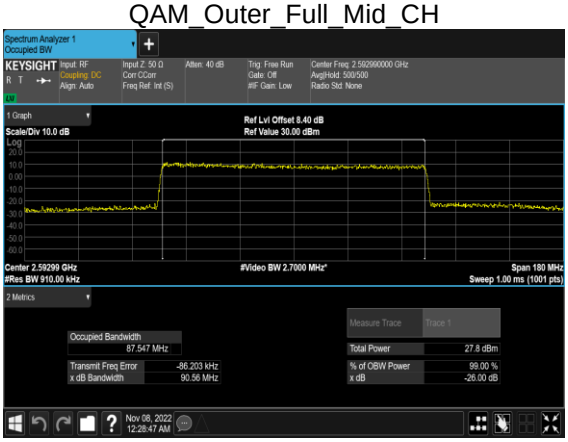
N41(90M)_DFT-s-OFDM_QPSK_Outer_Full_Mid_CH



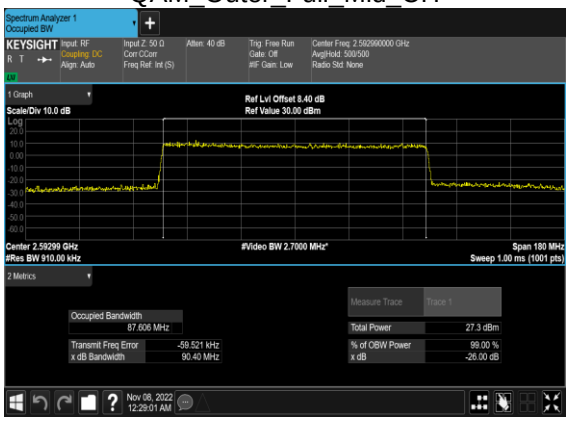
N41(90M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



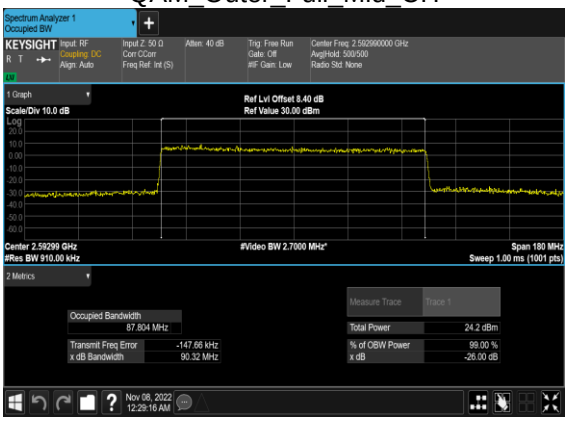
N41(90M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



N41(90M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH

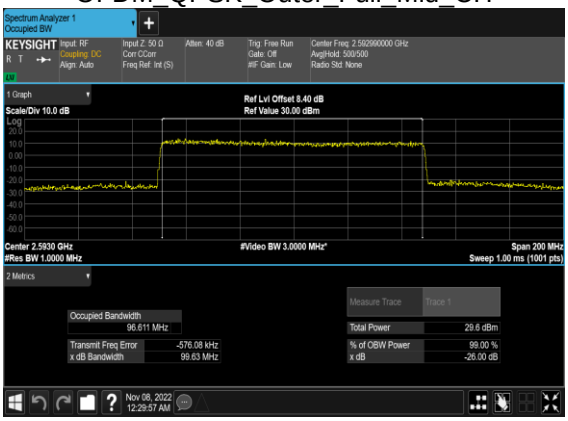


N41(90M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH

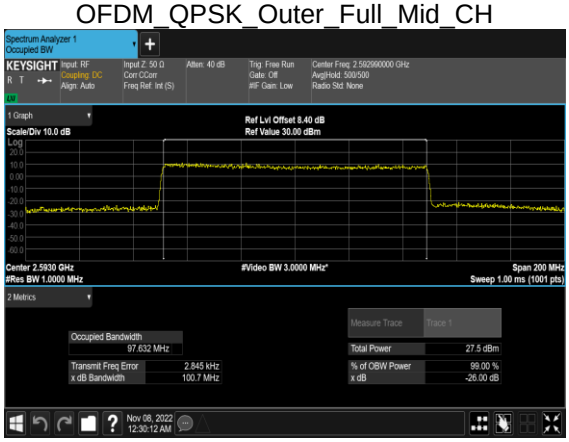


N41(100M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_Mid_CH

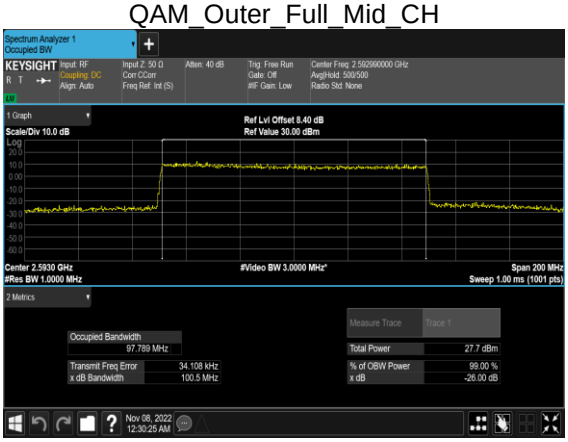
N41(100M)_DFT-s-OFDM_QPSK_Outer_Full_Mid_CH



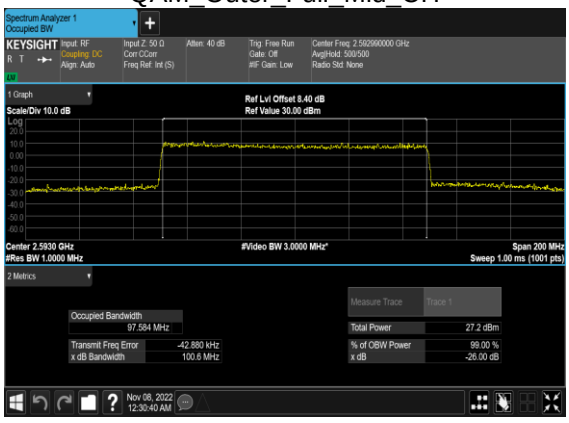
N41(100M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



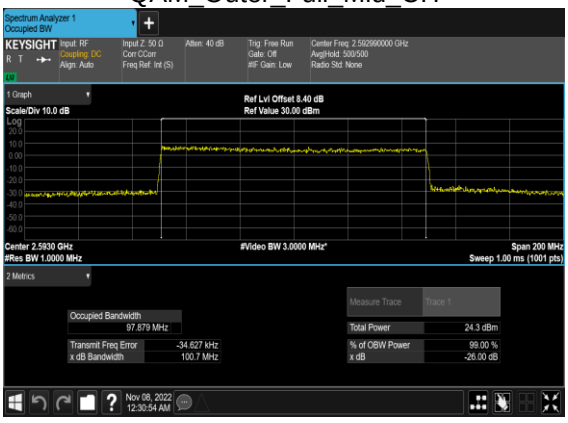
N41(100M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



N41(100M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH



N41(100M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH



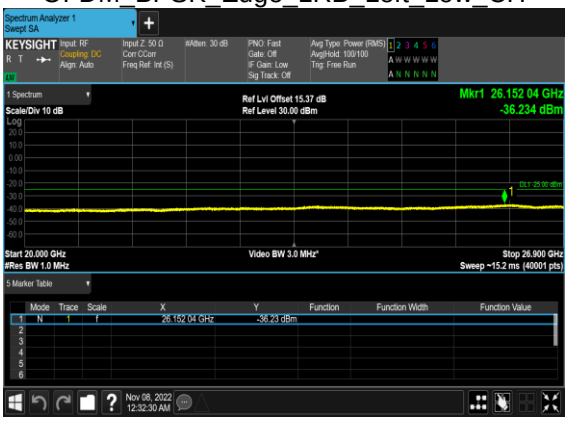
Conducted Spurious Emissions

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**

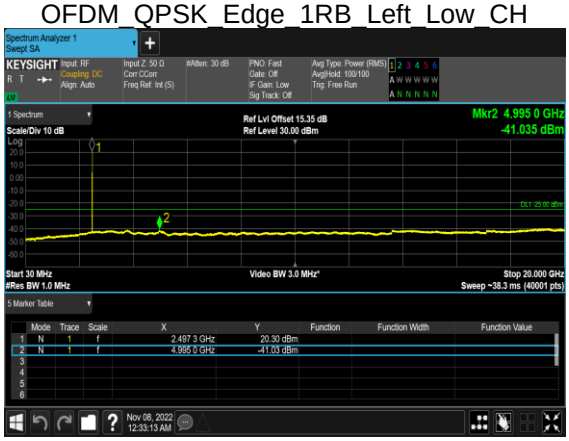
41	30	50	532998	2664.99	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
41	30	50	532998	2664.99	DFT-s-OFDM QPSK	1@0	see graph	**---**
41	30	50	532998	2664.99	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
41	30	50	532998	2664.99	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
41	30	100	509202	2546.01	DFT-s-OFDM BPSK	1@0	see graph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

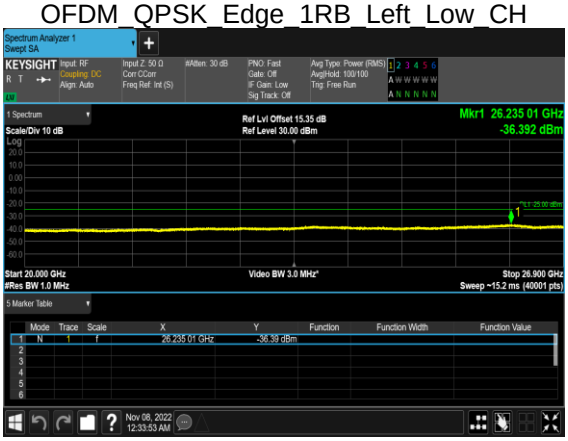
N41(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



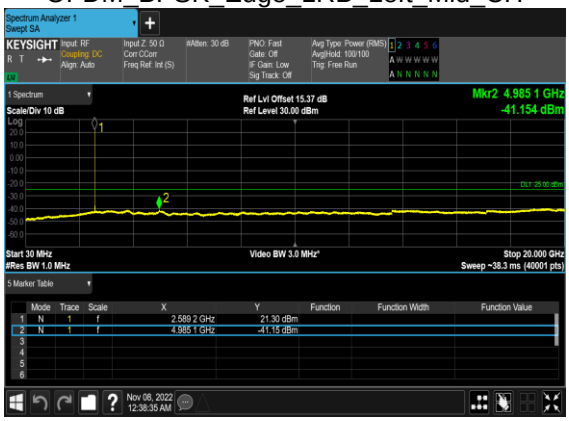
N41(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



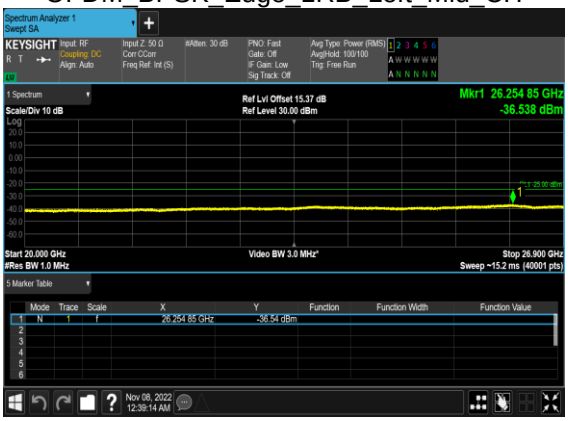
N41(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



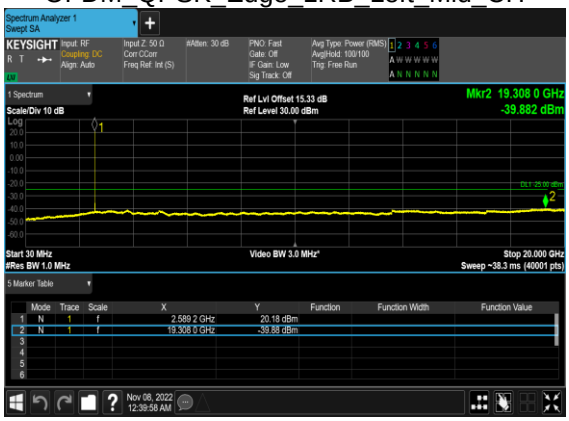
N41(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



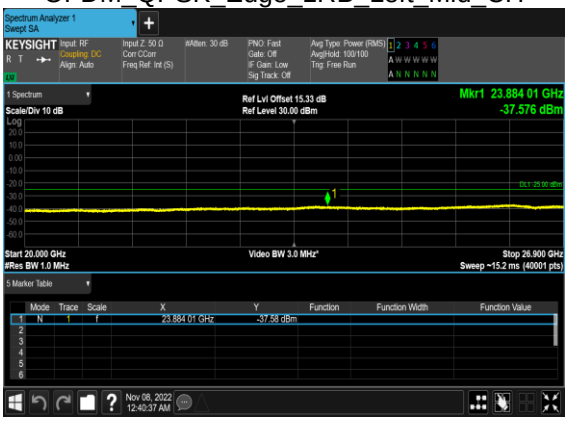
N41(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



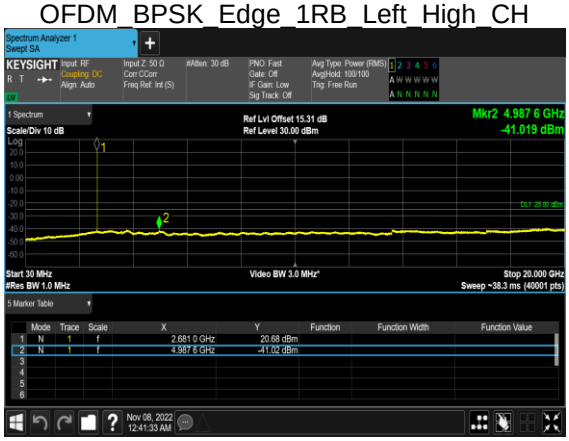
N41(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



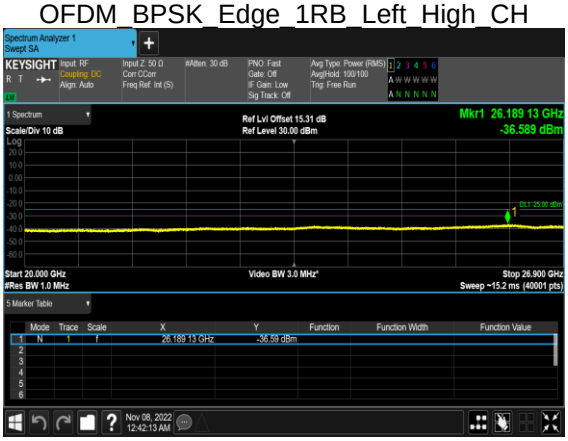
N41(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



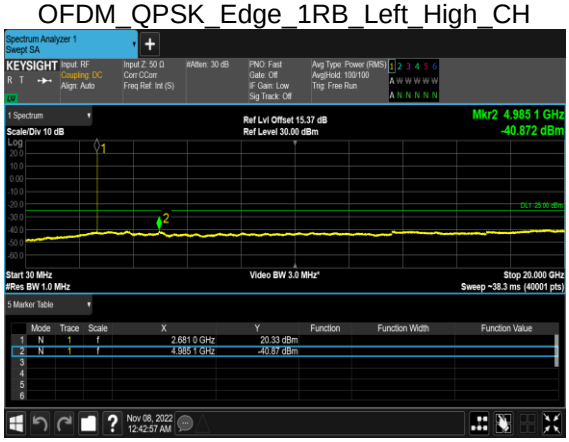
N41(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



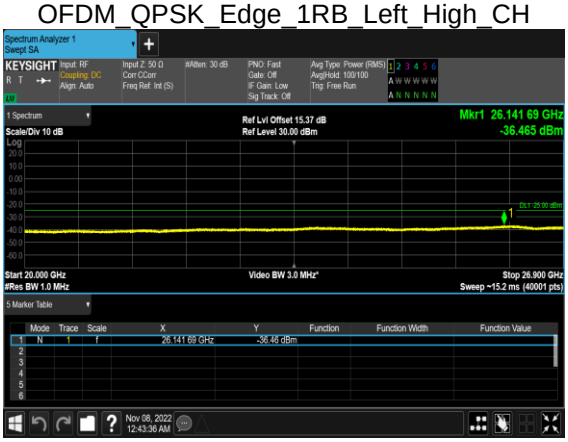
N41(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



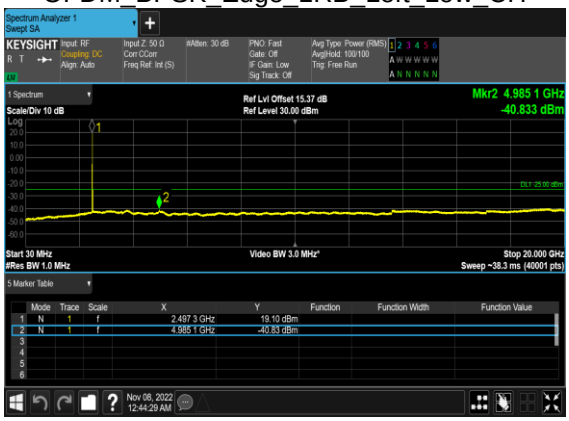
N41(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH



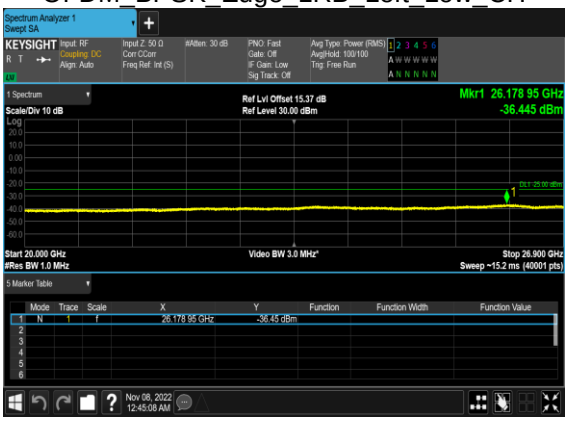
N41(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH



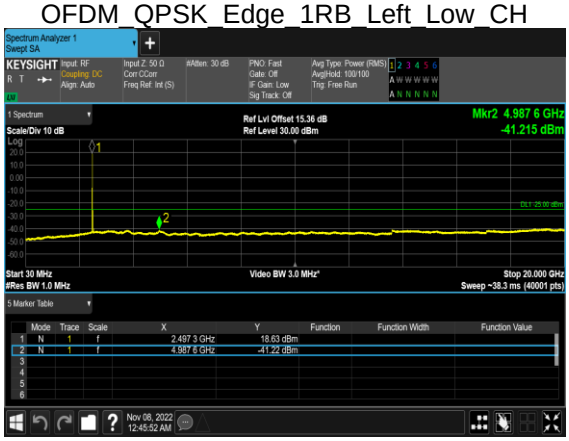
N41(50M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



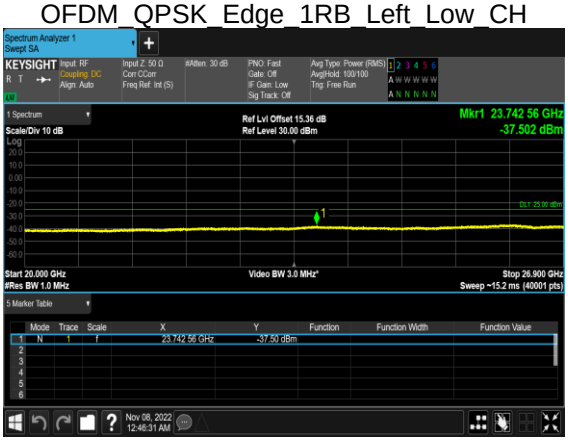
N41(50M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



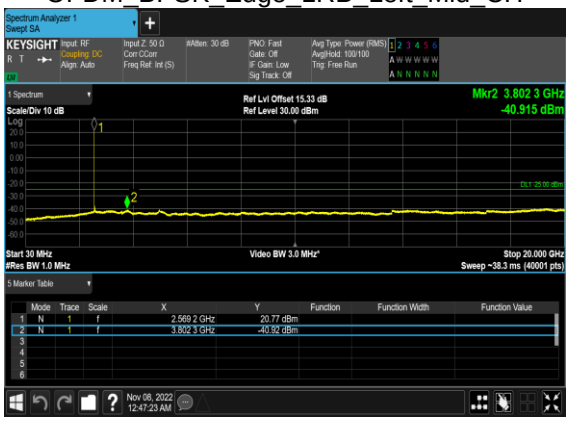
N41(50M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



N41(50M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



N41(50M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



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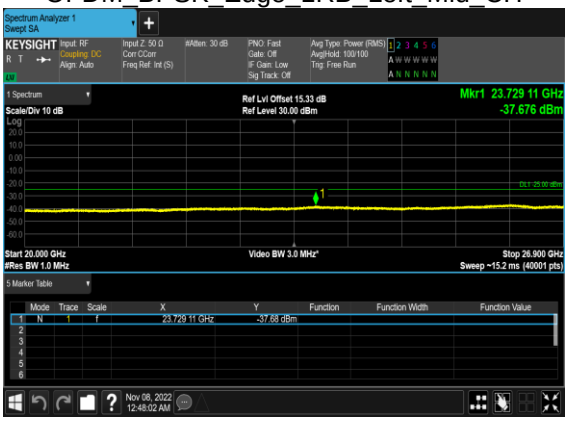
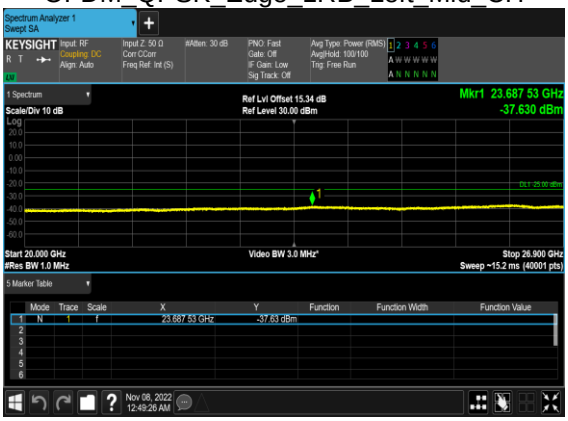
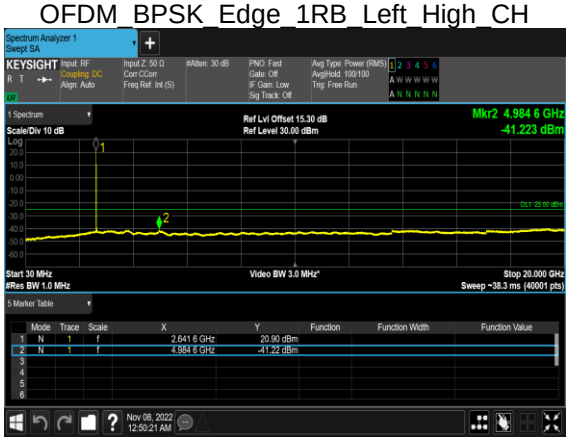


N41(50M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH

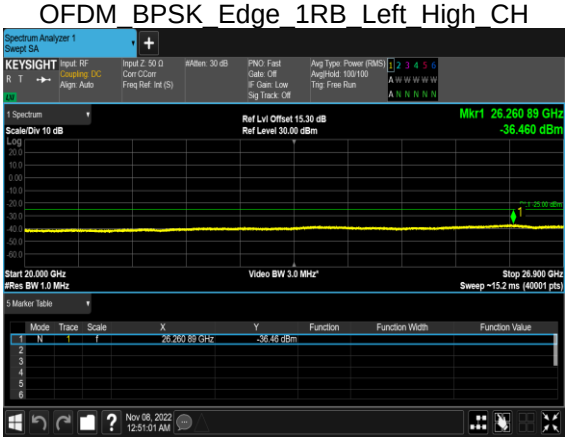
N41(50M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



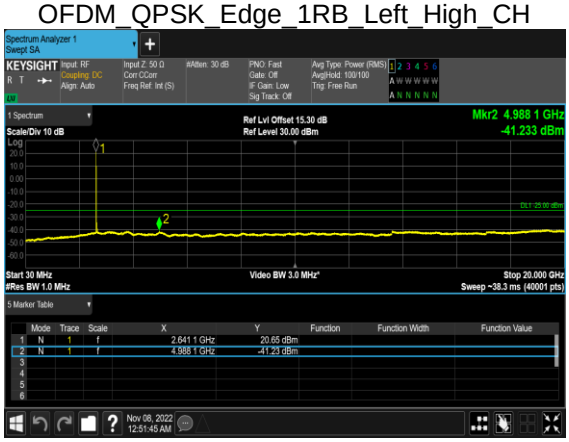
N41(50M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



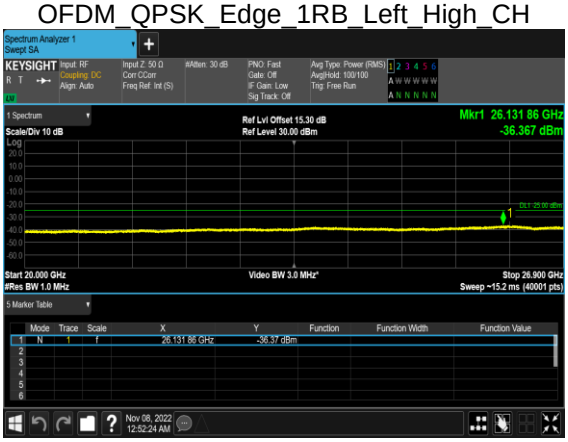
N41(50M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



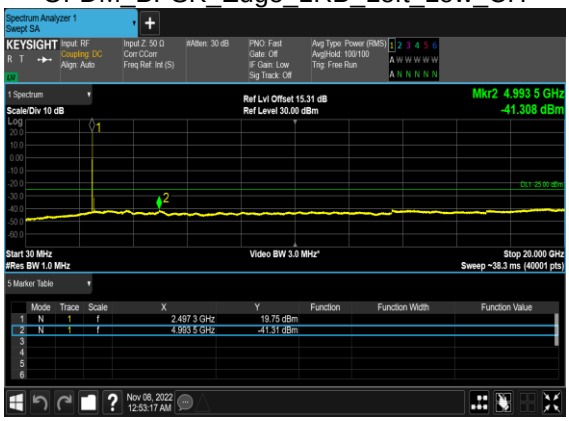
N41(50M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH



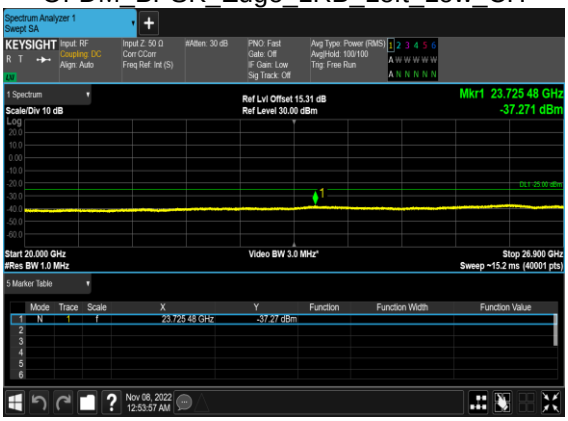
N41(50M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH



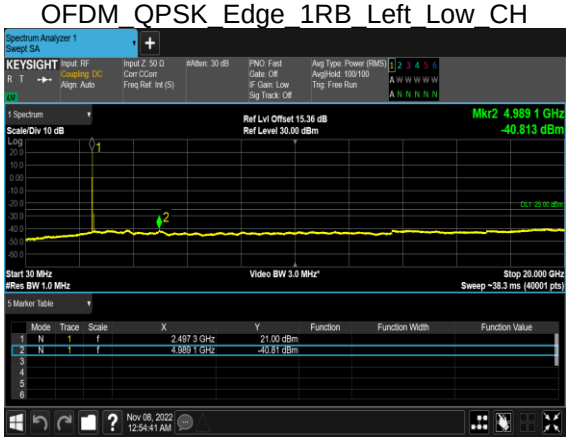
N41(100M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



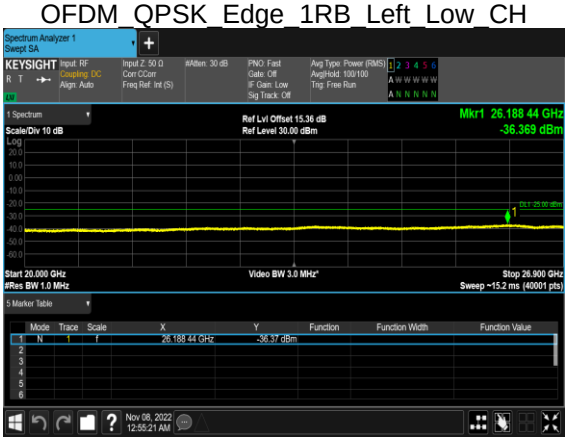
N41(100M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



N41(100M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH

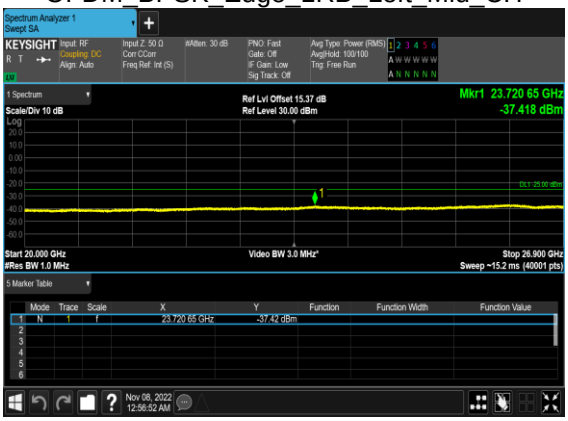


N41(100M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



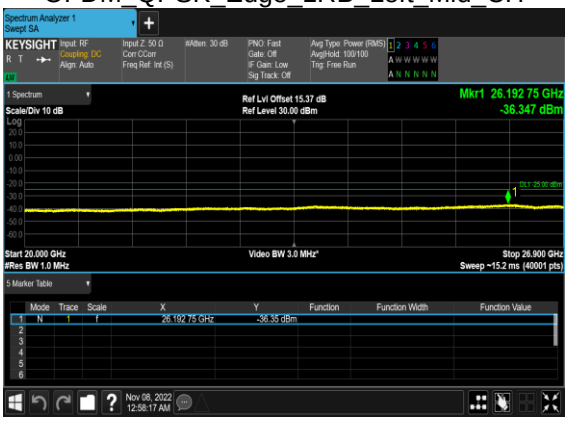
N41(100M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH

N41(100M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH

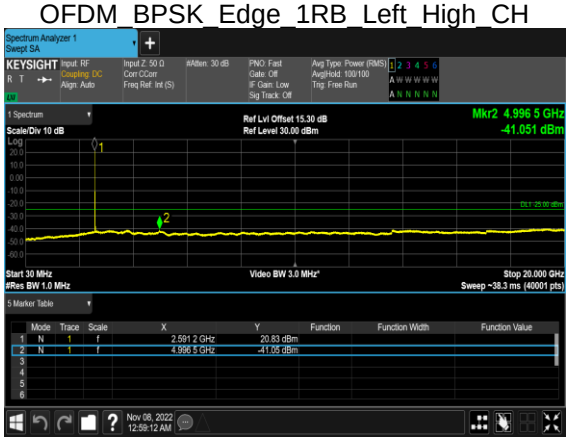


N41(100M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH

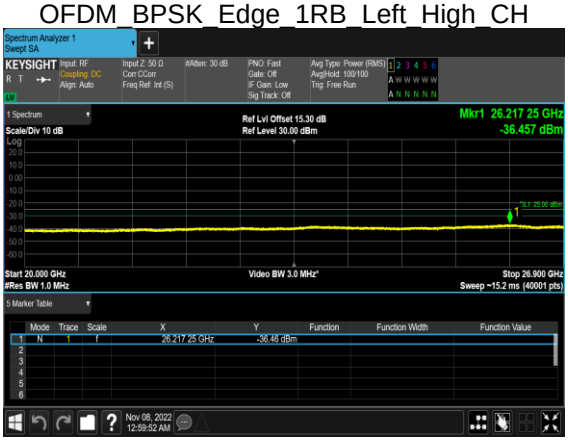
N41(100M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



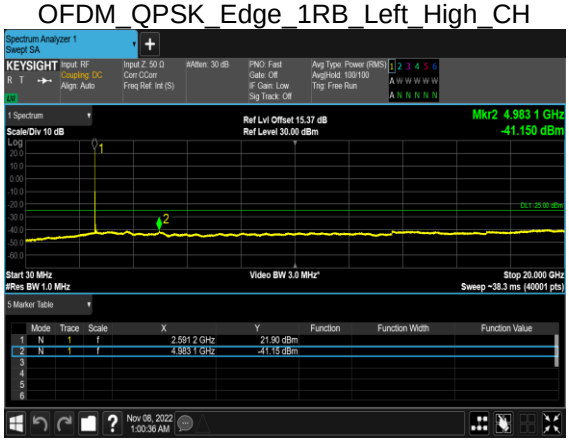
N41(100M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



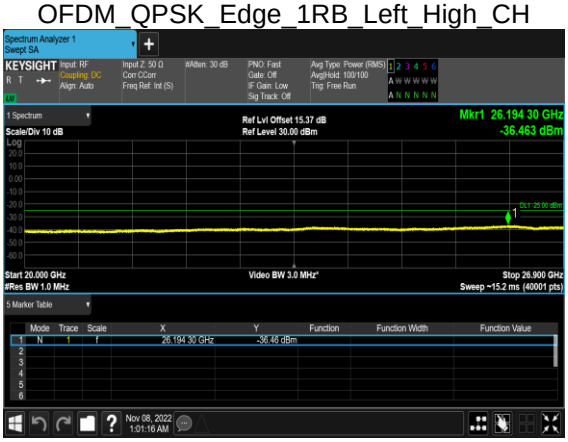
N41(100M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



N41(100M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH



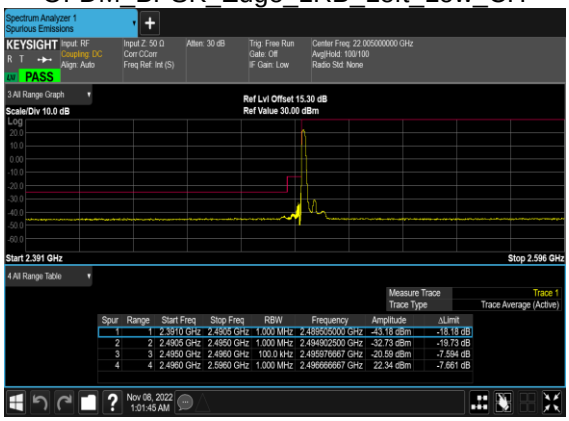
N41(100M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH



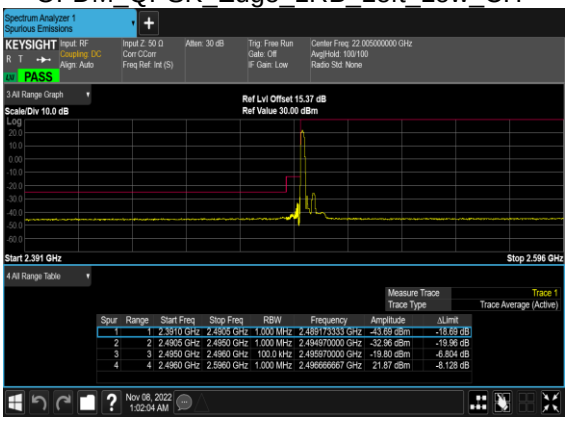
Conducted Band Edge

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
41	30	10	500202	2501.01	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
41	30	10	500202	2501.01	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
41	30	10	500202	2501.01	DFT-s-OFDM BPSK	24@0	see graph	**PASS**
41	30	10	500202	2501.01	DFT-s-OFDM QPSK	24@0	see graph	**PASS**
41	30	10	537000	2685.0	DFT-s-OFDM BPSK	1@23	see graph	**PASS**
41	30	10	537000	2685.0	DFT-s-OFDM QPSK	1@23	see graph	**PASS**
41	30	10	537000	2685.0	DFT-s-OFDM BPSK	24@0	see graph	**PASS**
41	30	10	537000	2685.0	DFT-s-OFDM QPSK	24@0	see graph	**PASS**
41	30	50	504204	2521.02	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
41	30	50	504204	2521.02	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
41	30	50	504204	2521.02	DFT-s-OFDM BPSK	128@0	see graph	**PASS**
41	30	50	504204	2521.02	DFT-s-OFDM QPSK	128@0	see graph	**PASS**
41	30	50	532998	2664.99	DFT-s-OFDM BPSK	1@132	see graph	**PASS**
41	30	50	532998	2664.99	DFT-s-OFDM QPSK	1@132	see graph	**PASS**
41	30	50	532998	2664.99	DFT-s-OFDM BPSK	128@0	see graph	**PASS**
41	30	50	532998	2664.99	DFT-s-OFDM QPSK	128@0	see graph	**PASS**
41	30	100	509202	2546.01	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
41	30	100	509202	2546.01	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
41	30	100	509202	2546.01	DFT-s-OFDM BPSK	270@0	see graph	**PASS**
41	30	100	509202	2546.01	DFT-s-OFDM QPSK	270@0	see graph	**PASS**
41	30	100	528000	2640.0	DFT-s-OFDM BPSK	1@272	see graph	**PASS**
41	30	100	528000	2640.0	DFT-s-OFDM QPSK	1@272	see graph	**PASS**
41	30	100	528000	2640.0	DFT-s-OFDM BPSK	270@0	see graph	**PASS**
41	30	100	528000	2640.0	DFT-s-OFDM QPSK	270@0	see graph	**PASS**

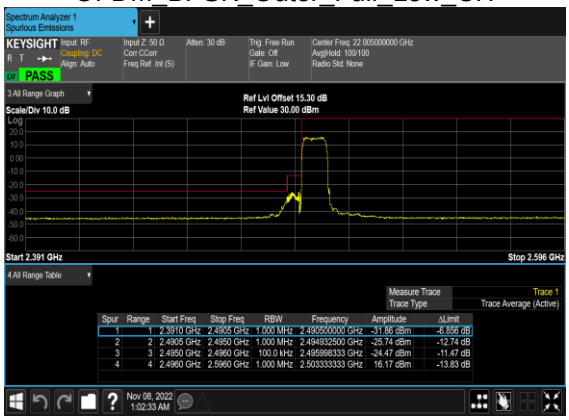
N41(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



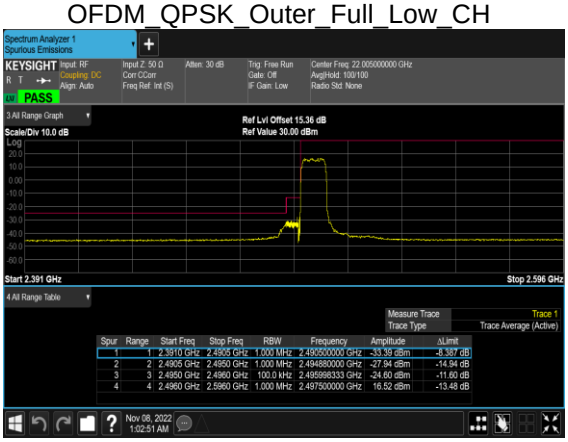
N41(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



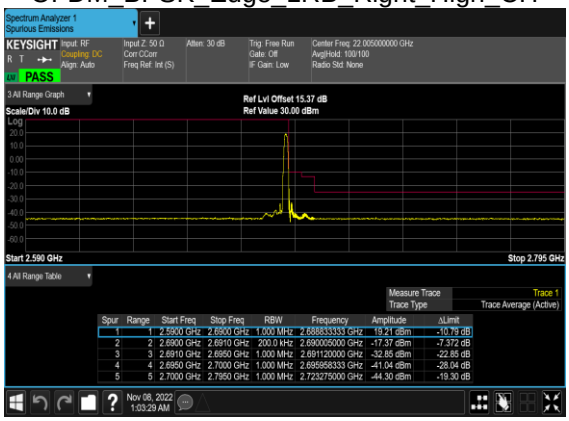
N41(10M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH



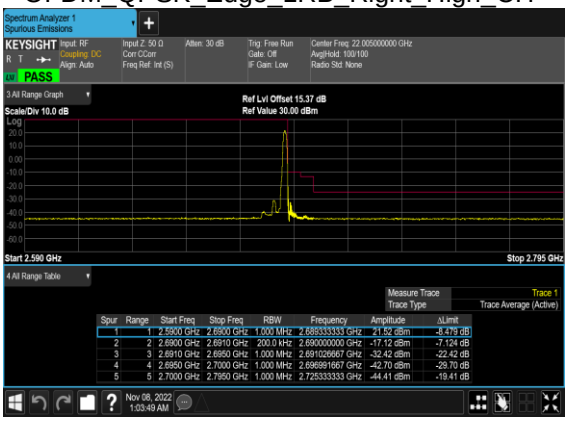
N41(10M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH



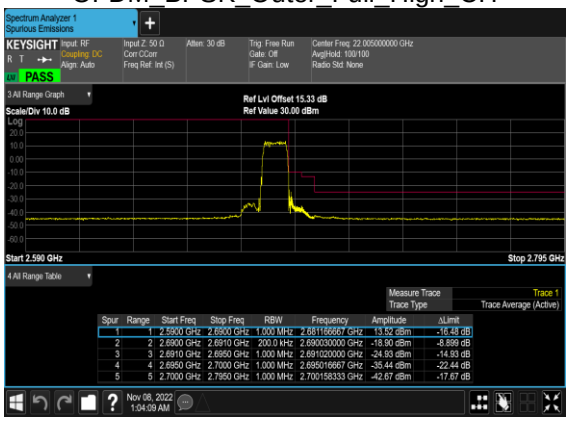
N41(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH



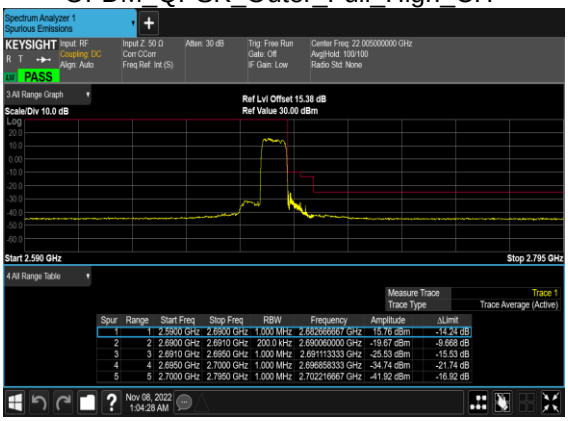
N41(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH



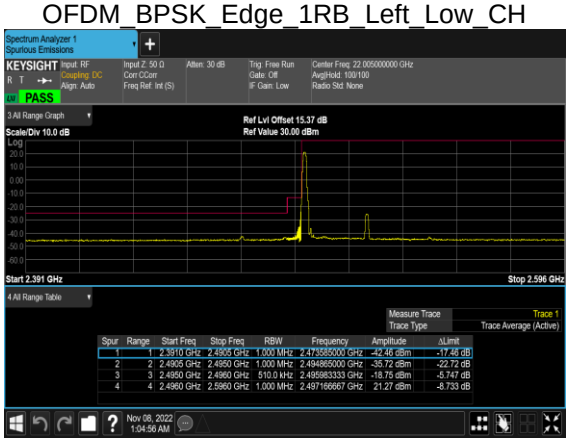
N41(10M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH



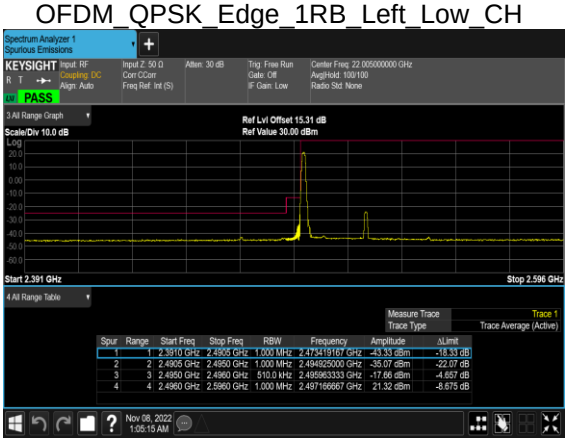
N41(10M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH



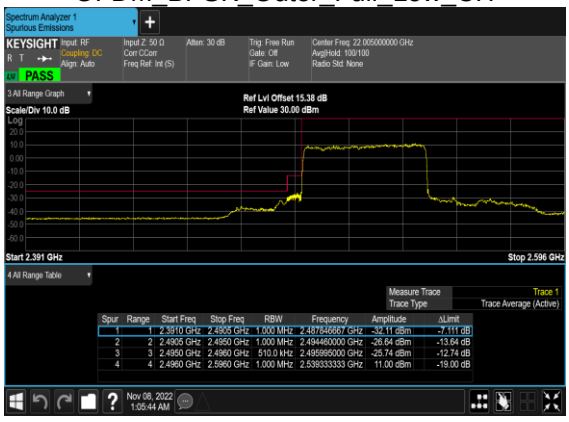
N41(50M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



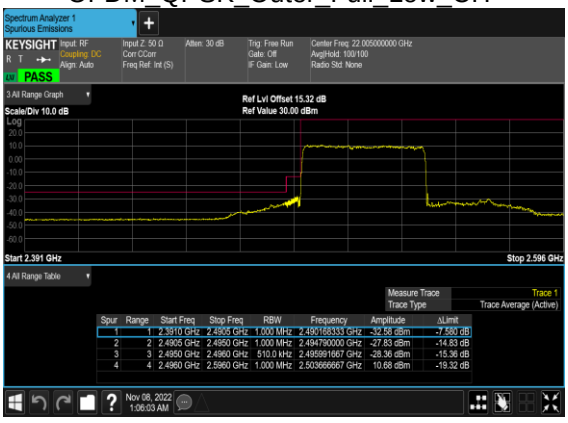
N41(50M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



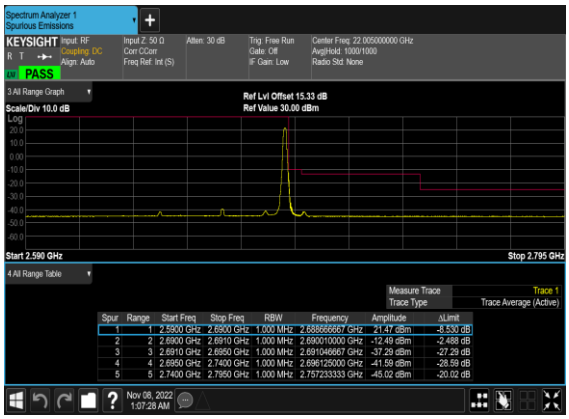
N41(50M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH



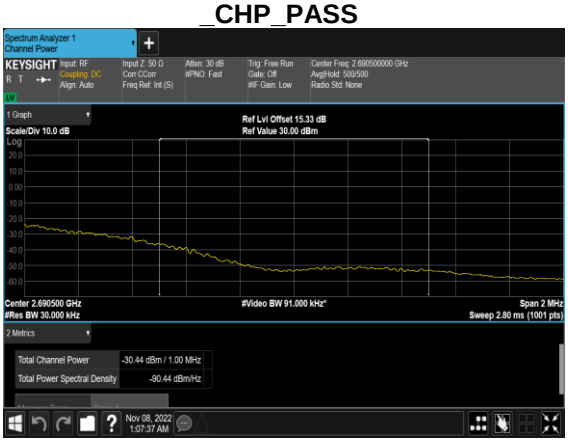
N41(50M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH



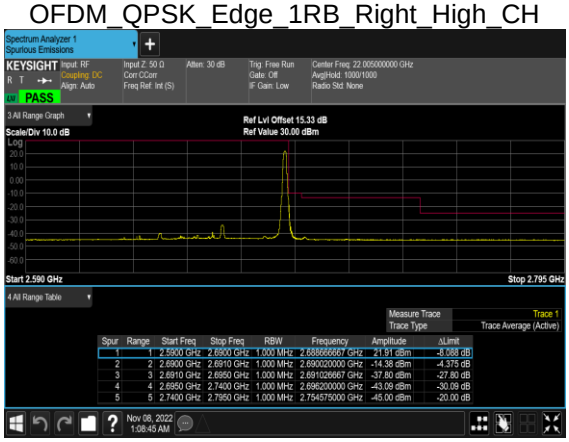
N41(50M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH



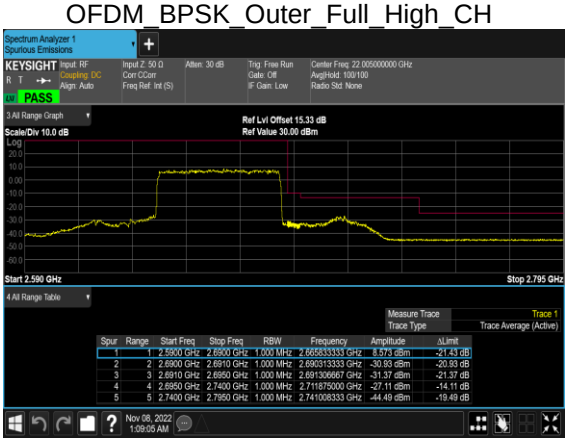
N41(50M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH **_CHP_PASS**



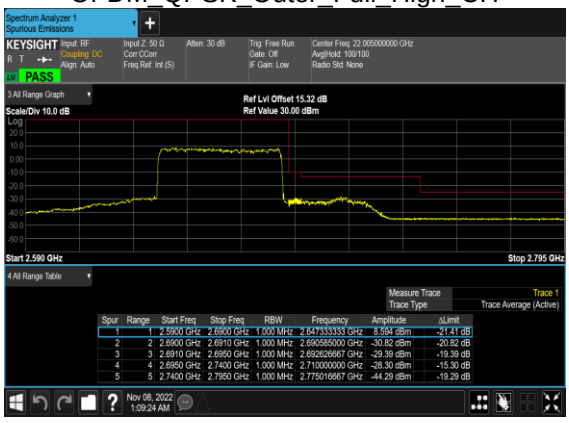
N41(50M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH



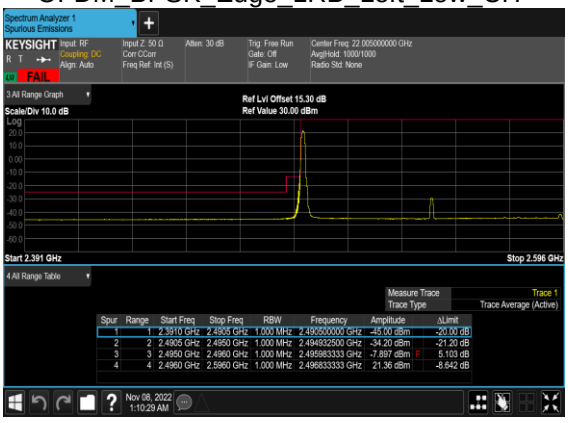
N41(50M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH



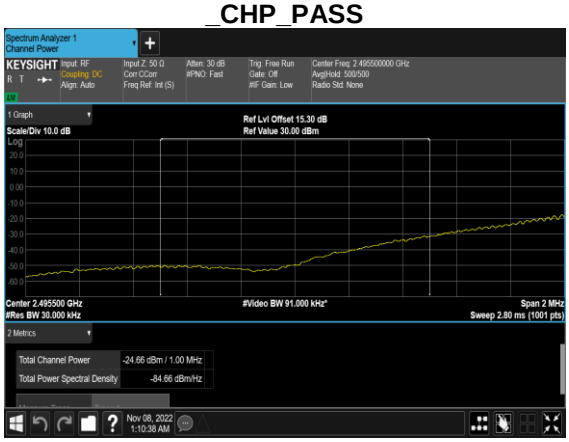
N41(50M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH



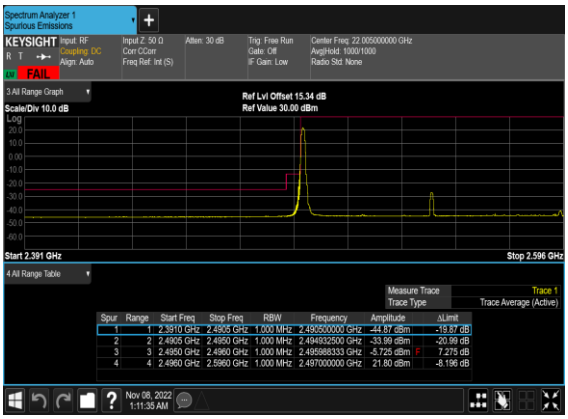
N41(100M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



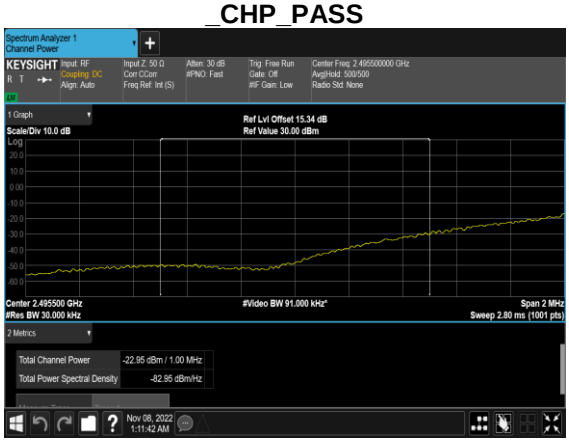
N41(100M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH **_CHP_PASS**



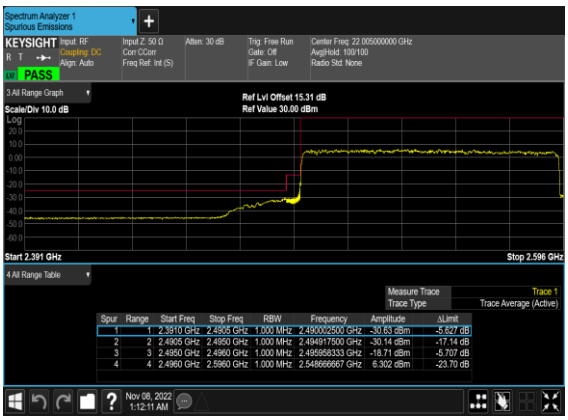
N41(100M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



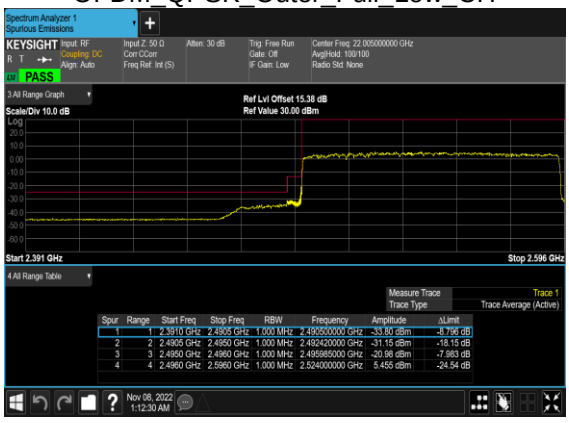
N41(100M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH **_CHP_PASS**



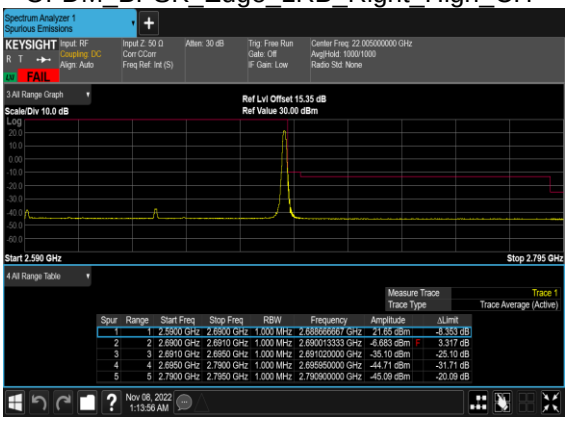
N41(100M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH



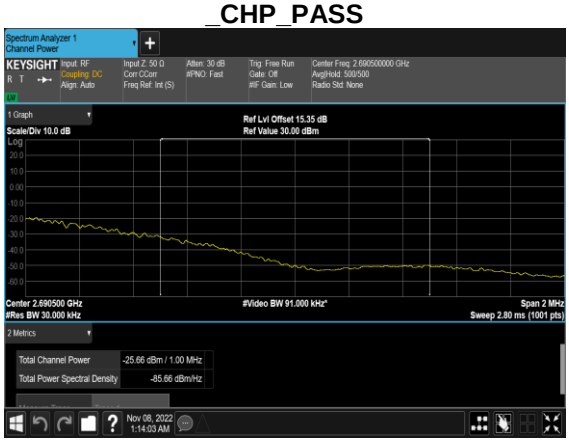
N41(100M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH



N41(100M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH

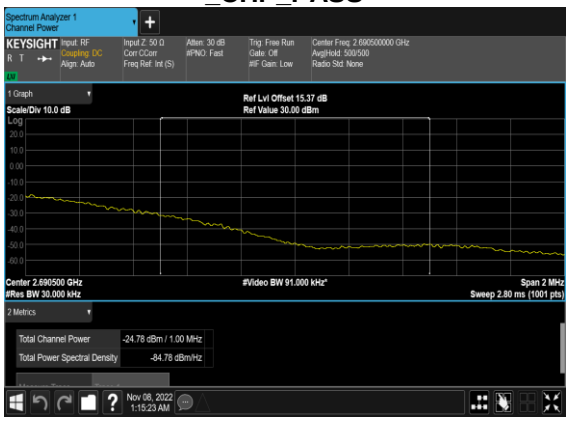


N41(100M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH **_CHP_PASS**

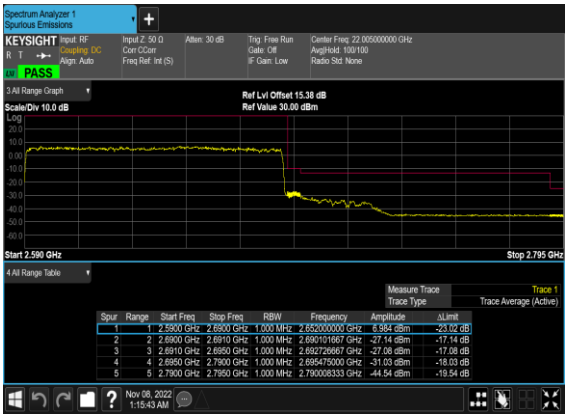


N41(100M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH

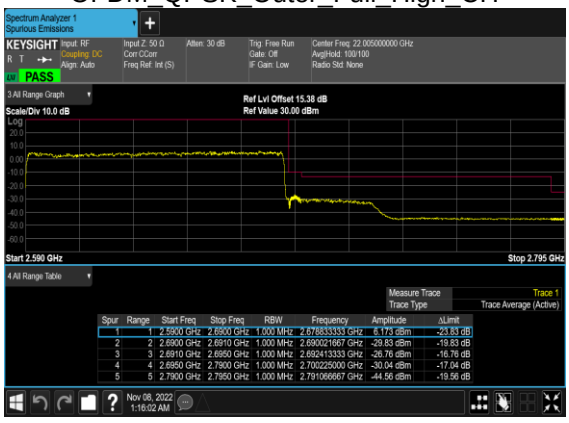
N41(100M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH **_CHP_PASS**



N41(100M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH



N41(100M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH



Software Version: 22.09.0601

FR1 N41 MIMO-ANT5+6

Transmitter Conducted Output Power and EIRP, (G_T - L_C)=-2dBi

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	ANT5 Power (dBm)	ANT6 Power (dBm)	Conducted Power (dBm)	EIRP (dBm)	EIRP (W)
41	30	10	500202	2501.01	CP-OFDM QPSK	1@1	21.08	20.76	23.93	21.93	0.1561
41	30	10	500202	2501.01	CP-OFDM 16 QAM	1@1	20.54	20.28	23.42	21.42	0.1387
41	30	10	518598	2592.99	CP-OFDM QPSK	1@1	21.16	20.83	24.01	22.01	0.1588
41	30	10	518598	2592.99	CP-OFDM 16 QAM	1@1	20.57	20.34	23.47	21.47	0.1402
41	30	10	537000	2685.0	CP-OFDM QPSK	1@1	21.11	21.98	24.58	22.58	0.1810
41	30	10	537000	2685.0	CP-OFDM 16 QAM	1@1	20.51	21.58	24.09	22.09	0.1617
41	30	15	500700	2503.5	CP-OFDM QPSK	1@1	21.25	20.92	24.10	22.10	0.1621
41	30	15	500700	2503.5	CP-OFDM 16 QAM	1@1	20.73	20.73	23.74	21.74	0.1493
41	30	15	518598	2592.99	CP-OFDM QPSK	1@1	21.29	21.09	24.20	22.20	0.1660
41	30	15	518598	2592.99	CP-OFDM 16 QAM	1@1	20.78	20.6	23.70	21.70	0.1480
41	30	15	536496	2682.48	CP-OFDM QPSK	1@1	21.06	21.91	24.52	22.52	0.1785
41	30	15	536496	2682.48	CP-OFDM 16 QAM	1@1	20.55	21.41	24.01	22.01	0.1589
41	30	20	501204	2506.02	CP-OFDM QPSK	1@1	21.2	20.99	24.11	22.11	0.1624
41	30	20	501204	2506.02	CP-OFDM 16 QAM	1@1	20.68	20.62	23.66	21.66	0.1466
41	30	20	518598	2592.99	CP-OFDM QPSK	1@1	21.26	21.03	24.16	22.16	0.1643
41	30	20	518598	2592.99	CP-OFDM 16 QAM	1@1	20.77	20.59	23.69	21.69	0.1476
41	30	20	535998	2679.99	CP-OFDM QPSK	1@1	21.07	21.7	24.41	22.41	0.1740
41	30	20	535998	2679.99	CP-OFDM 16 QAM	1@1	20.55	21.33	23.97	21.97	0.1573
41	30	30	502200	2511.0	CP-OFDM QPSK	1@1	21.23	21.04	24.15	22.15	0.1639
41	30	30	502200	2511.0	CP-OFDM 16 QAM	1@1	20.73	20.54	23.65	21.65	0.1461
41	30	30	518598	2592.99	CP-OFDM QPSK	1@1	21.4	21.06	24.24	22.24	0.1676
41	30	30	518598	2592.99	CP-OFDM 16 QAM	1@1	20.83	20.58	23.72	21.72	0.1485
41	30	30	534996	2674.98	CP-OFDM QPSK	1@1	21.15	21.52	24.35	22.35	0.1718
41	30	30	534996	2674.98	CP-OFDM 16 QAM	1@1	20.52	21.18	23.87	21.87	0.1539
41	30	40	503202	2516.01	CP-OFDM QPSK	1@1	21.32	21.07	24.21	22.21	0.1662
41	30	40	503202	2516.01	CP-OFDM 16 QAM	1@1	20.83	20.62	23.74	21.74	0.1492
41	30	40	518598	2592.99	CP-OFDM QPSK	1@1	21.42	20.97	24.21	22.21	0.1664

41	30	40	518598	2592.99	CP-OFDM 16 QAM	1@1	20.93	20.59	23.77	21.77	0.1504
41	30	40	534000	2670.0	CP-OFDM QPSK	1@1	21.09	21.37	24.24	22.24	0.1676
41	30	40	534000	2670.0	CP-OFDM 16 QAM	1@1	20.6	20.9	23.76	21.76	0.1501
41	30	50	504204	2521.02	CP-OFDM QPSK	1@1	21.13	20.94	24.05	22.05	0.1602
41	30	50	504204	2521.02	CP-OFDM 16 QAM	1@1	20.56	20.76	23.67	21.67	0.1469
41	30	50	518598	2592.99	CP-OFDM QPSK	1@1	21.32	20.97	24.16	22.16	0.1644
41	30	50	518598	2592.99	CP-OFDM 16 QAM	1@1	20.79	20.53	23.67	21.67	0.1470
41	30	50	532998	2664.99	CP-OFDM QPSK	1@1	20.9	21.12	24.02	22.02	0.1593
41	30	50	532998	2664.99	CP-OFDM 16 QAM	1@1	20.38	20.62	23.51	21.51	0.1416
41	30	60	505200	2526.0	CP-OFDM QPSK	1@1	21.2	21.03	24.13	22.13	0.1632
41	30	60	505200	2526.0	CP-OFDM 16 QAM	1@1	20.59	20.58	23.60	21.60	0.1444
41	30	60	518598	2592.99	CP-OFDM QPSK	1@1	21.39	20.83	24.13	22.13	0.1633
41	30	60	518598	2592.99	CP-OFDM 16 QAM	1@1	20.83	20.52	23.69	21.69	0.1475
41	30	60	531996	2659.98	CP-OFDM QPSK	1@1	21.02	20.99	24.02	22.02	0.1590
41	30	60	531996	2659.98	CP-OFDM 16 QAM	1@1	20.38	20.8	23.61	21.61	0.1447
41	30	70	505200	2531.01	CP-OFDM QPSK	1@1	20.08	19.61	22.86	20.86	0.1219
41	30	70	505200	2531.01	CP-OFDM 16 QAM	1@1	19.54	19.24	22.40	20.40	0.1097
41	30	70	518598	2592.99	CP-OFDM QPSK	1@1	21.3	20.87	24.10	22.10	0.1622
41	30	70	518598	2592.99	CP-OFDM 16 QAM	1@1	20.77	20.4	23.60	21.60	0.1445
41	30	70	531996	2655.0	CP-OFDM QPSK	1@1	20.75	20.91	23.84	21.84	0.1528
41	30	70	531996	2655.0	CP-OFDM 16 QAM	1@1	20.21	20.46	23.35	21.35	0.1364
41	30	80	507204	2536.02	CP-OFDM QPSK	1@1	20.92	20.82	23.88	21.88	0.1542
41	30	80	507204	2536.02	CP-OFDM 16 QAM	1@1	20.44	20.42	23.44	21.44	0.1393
41	30	80	518598	2592.99	CP-OFDM QPSK	1@1	21.3	20.72	24.03	22.03	0.1596
41	30	80	518598	2592.99	CP-OFDM 16 QAM	1@1	20.71	20.36	23.55	21.55	0.1429
41	30	80	529998	2649.99	CP-OFDM QPSK	1@1	20.77	20.72	23.76	21.76	0.1498
41	30	80	529998	2649.99	CP-OFDM 16 QAM	1@1	20.15	20.24	23.21	21.21	0.1320
41	30	90	508200	2541.0	CP-OFDM QPSK	1@1	20.92	20.81	23.88	21.88	0.1540
41	30	90	508200	2541.0	CP-OFDM 16 QAM	1@1	20.39	20.43	23.42	21.42	0.1387
41	30	90	518598	2592.99	CP-OFDM QPSK	1@1	21.28	20.83	24.07	22.07	0.1611
41	30	90	518598	2592.99	CP-OFDM 16 QAM	1@1	20.7	20.25	23.49	21.49	0.1410
41	30	90	528996	2644.98	CP-OFDM QPSK	1@1	20.74	20.75	23.76	21.76	0.1498
41	30	90	528996	2644.98	CP-OFDM 16 QAM	1@1	20.14	20.21	23.19	21.19	0.1314

41	30	100	509202	2546.01	CP-OFDM QPSK	137@68	21.01	20.75	23.89	21.89	0.1546
41	30	100	509202	2546.01	CP-OFDM QPSK	1@1	20.95	20.82	23.90	21.90	0.1547
41	30	100	509202	2546.01	CP-OFDM QPSK	1@271	21	20.99	24.01	22.01	0.1587
41	30	100	509202	2546.01	CP-OFDM 16 QAM	137@68	20.43	20.28	23.37	21.37	0.1370
41	30	100	509202	2546.01	CP-OFDM 16 QAM	1@1	20.46	20.44	23.46	21.46	0.1400
41	30	100	509202	2546.01	CP-OFDM 16 QAM	1@271	20.33	20.48	23.42	21.42	0.1385
41	30	100	509202	2546.01	CP-OFDM 64 QAM	137@68	18.9	18.76	21.84	19.84	0.0964
41	30	100	509202	2546.01	CP-OFDM 64 QAM	1@1	18.91	18.75	21.84	19.84	0.0964
41	30	100	509202	2546.01	CP-OFDM 64 QAM	1@271	18.84	18.9	21.88	19.88	0.0973
41	30	100	509202	2546.01	CP-OFDM 256 QAM	137@68	15.89	15.8	18.86	16.86	0.0485
41	30	100	509202	2546.01	CP-OFDM 256 QAM	1@1	16.05	15.93	19.00	17.00	0.0501
41	30	100	509202	2546.01	CP-OFDM 256 QAM	1@271	16.02	15.97	19.01	17.01	0.0502
41	30	100	518598	2592.99	CP-OFDM QPSK	137@68	21.13	20.94	24.05	22.05	0.1602
41	30	100	518598	2592.99	CP-OFDM QPSK	1@1	21.2	20.78	24.01	22.01	0.1587
41	30	100	518598	2592.99	CP-OFDM QPSK	1@271	21.36	21.37	24.38	22.38	0.1728
41	30	100	518598	2592.99	CP-OFDM 16 QAM	137@68	20.52	20.49	23.52	21.52	0.1418
41	30	100	518598	2592.99	CP-OFDM 16 QAM	1@1	20.69	20.35	23.53	21.53	0.1424
41	30	100	518598	2592.99	CP-OFDM 16 QAM	1@271	20.81	20.95	23.89	21.89	0.1546
41	30	100	518598	2592.99	CP-OFDM 64 QAM	137@68	19.02	18.88	21.96	19.96	0.0991
41	30	100	518598	2592.99	CP-OFDM 64 QAM	1@1	19.27	18.62	21.97	19.97	0.0993
41	30	100	518598	2592.99	CP-OFDM 64 QAM	1@271	19.36	19.34	22.36	20.36	0.1087
41	30	100	518598	2592.99	CP-OFDM 256 QAM	137@68	16.03	15.82	18.94	16.94	0.0494
41	30	100	518598	2592.99	CP-OFDM 256 QAM	1@1	16.32	15.59	18.98	16.98	0.0499
41	30	100	518598	2592.99	CP-OFDM 256 QAM	1@271	16.48	16.26	19.38	17.38	0.0547
41	30	100	528000	2640.0	CP-OFDM QPSK	137@68	20.92	21.29	24.12	22.12	0.1629
41	30	100	528000	2640.0	CP-OFDM QPSK	1@1	20.68	20.66	23.68	21.68	0.1472
41	30	100	528000	2640.0	CP-OFDM QPSK	1@271	21.39	22.5	24.99	22.99	0.1991
41	30	100	528000	2640.0	CP-OFDM 16 QAM	137@68	20.44	20.82	23.64	21.64	0.1460
41	30	100	528000	2640.0	CP-OFDM 16 QAM	1@1	20.22	20.23	23.24	21.24	0.1329
41	30	100	528000	2640.0	CP-OFDM 16 QAM	1@271	20.87	22.12	24.55	22.55	0.1799
41	30	100	528000	2640.0	CP-OFDM 64 QAM	137@68	18.95	19.32	22.15	20.15	0.1035
41	30	100	528000	2640.0	CP-OFDM 64 QAM	1@1	18.71	18.57	21.65	19.65	0.0923
41	30	100	528000	2640.0	CP-OFDM 64 QAM	1@271	19.42	20.53	23.02	21.02	0.1265

41	30	100	528000	2640.0	CP-OFDM 256 QAM	137@68	15.92	16.21	19.08	17.08	0.0510
41	30	100	528000	2640.0	CP-OFDM 256 QAM	1@1	15.8	15.54	18.68	16.68	0.0466
41	30	100	528000	2640.0	CP-OFDM 256 QAM	1@271	16.52	17.3	19.94	17.94	0.0622

FR1 N41 MIMO-ANT5

Frequency Stability

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Deviation (ppm)	Verdict	Environment
41	30	20	518598	2592.99	CP-OFDM QPSK	51@0	0.0025	**PASS**	NV
41	30	20	518598	2592.99	CP-OFDM QPSK	51@0	0.0031	**PASS**	LV
41	30	20	518598	2592.99	CP-OFDM QPSK	51@0	0.0063	**PASS**	HV
41	30	20	518598	2592.99	CP-OFDM QPSK	51@0	0.0026	**PASS**	-30℃
41	30	20	518598	2592.99	CP-OFDM QPSK	51@0	0.0041	**PASS**	-20℃
41	30	20	518598	2592.99	CP-OFDM QPSK	51@0	0.0048	**PASS**	-10℃
41	30	20	518598	2592.99	CP-OFDM QPSK	51@0	0.0029	**PASS**	0℃
41	30	20	518598	2592.99	CP-OFDM QPSK	51@0	0.0055	**PASS**	10℃
41	30	20	518598	2592.99	CP-OFDM QPSK	51@0	0.0025	**PASS**	20℃
41	30	20	518598	2592.99	CP-OFDM QPSK	51@0	0.0055	**PASS**	30℃
41	30	20	518598	2592.99	CP-OFDM QPSK	51@0	0.0030	**PASS**	40℃
41	30	20	518598	2592.99	CP-OFDM QPSK	51@0	0.0068	**PASS**	50℃

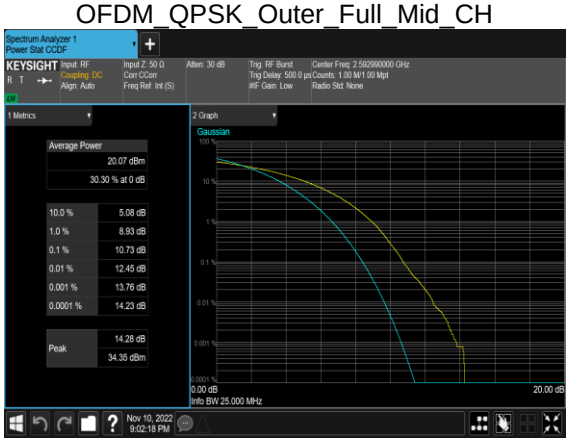
Peak to Average Radio

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result (dB)	Limit (dB)	Verdict
41	30	20	501204	2506.02	CP-OFDM QPSK	51@0	10.68	13	**PASS**
41	30	20	501204	2506.02	CP-OFDM QPSK	1@0	10.75	13	**PASS**
41	30	20	518598	2592.99	CP-OFDM QPSK	51@0	10.73	13	**PASS**
41	30	20	518598	2592.99	CP-OFDM QPSK	1@0	10.04	13	**PASS**
41	30	20	535998	2679.99	CP-OFDM QPSK	51@0	10.75	13	**PASS**
41	30	20	535998	2679.99	CP-OFDM QPSK	1@0	10.1	13	**PASS**

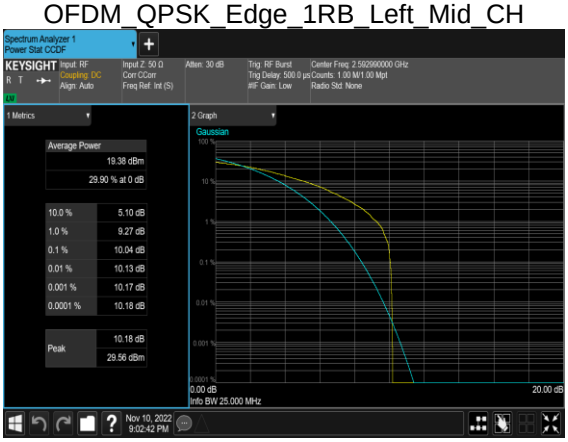
N41(20M)_CP-
OFDM_QPSK_Outer_Full_Low_CH

N41(20M)_CP-
OFDM_QPSK_Edge_1RB_Left_Low_CH

N41(20M)_CP-
OFDM_QPSK_Outer_Full_Mid_CH



N41(20M)_CP-
OFDM_QPSK_Edge_1RB_Left_Mid_CH



N41(20M)_CP-
OFDM_QPSK_Outer_Full_High_CH

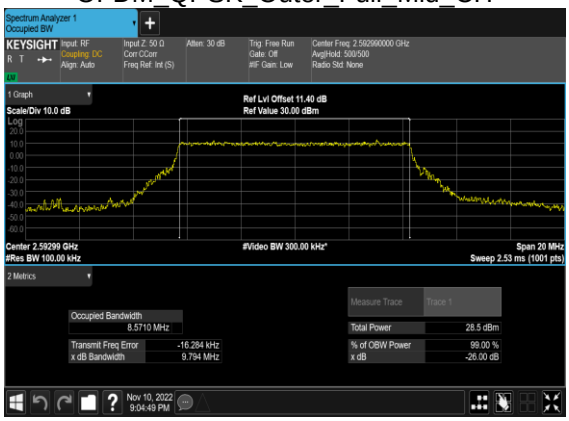
N41(20M)_CP-
OFDM_QPSK_Edge_1RB_Left_High_CH

Occupied Bandwidth

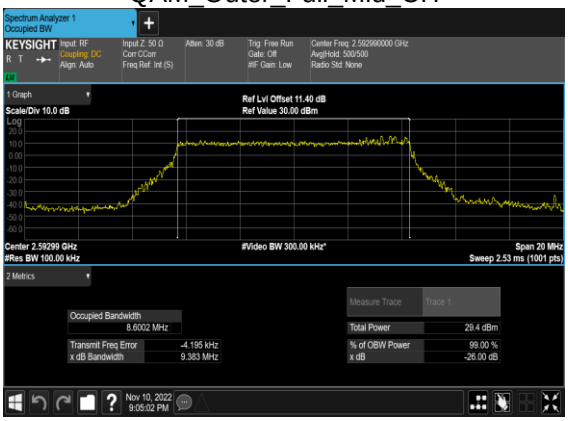
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	OBW (MHz)	26dB OBW (MHz)
41	30	10	518598	2592.99	CP-OFDM QPSK	24@0	8.571	9.794
41	30	10	518598	2592.99	CP-OFDM 16 QAM	24@0	8.6002	9.383
41	30	10	518598	2592.99	CP-OFDM 64 QAM	24@0	8.5823	9.779
41	30	10	518598	2592.99	CP-OFDM 256 QAM	24@0	8.585	9.827
41	30	15	518598	2592.99	CP-OFDM QPSK	38@0	13.578	15.01
41	30	15	518598	2592.99	CP-OFDM 16 QAM	38@0	13.569	14.8
41	30	15	518598	2592.99	CP-OFDM 64 QAM	38@0	13.614	14.8
41	30	15	518598	2592.99	CP-OFDM 256 QAM	38@0	13.561	14.9
41	30	20	518598	2592.99	CP-OFDM QPSK	51@0	18.219	19.68
41	30	20	518598	2592.99	CP-OFDM 16 QAM	51@0	18.189	19.76
41	30	20	518598	2592.99	CP-OFDM 64 QAM	51@0	18.23	19.69
41	30	20	518598	2592.99	CP-OFDM 256 QAM	51@0	18.205	19.42
41	30	30	518598	2592.99	CP-OFDM QPSK	78@0	27.855	29.57
41	30	30	518598	2592.99	CP-OFDM 16 QAM	78@0	27.857	29.46
41	30	30	518598	2592.99	CP-OFDM 64 QAM	78@0	27.864	29.58
41	30	30	518598	2592.99	CP-OFDM 256 QAM	78@0	27.827	29.2
41	30	40	518598	2592.99	CP-OFDM QPSK	106@0	37.846	39.61
41	30	40	518598	2592.99	CP-OFDM 16 QAM	106@0	37.697	39.22
41	30	40	518598	2592.99	CP-OFDM 64 QAM	106@0	37.817	39.3
41	30	40	518598	2592.99	CP-OFDM 256 QAM	106@0	37.83	39.35
41	30	50	518598	2592.99	CP-OFDM QPSK	133@0	47.475	49.19
41	30	50	518598	2592.99	CP-OFDM 16 QAM	133@0	47.482	49.7
41	30	50	518598	2592.99	CP-OFDM 64 QAM	133@0	47.421	49.23
41	30	50	518598	2592.99	CP-OFDM 256 QAM	133@0	47.578	49.17
41	30	60	518598	2592.99	CP-OFDM QPSK	162@0	57.884	60.16
41	30	60	518598	2592.99	CP-OFDM 16 QAM	162@0	57.761	60.16
41	30	60	518598	2592.99	CP-OFDM 64 QAM	162@0	57.863	60.01
41	30	60	518598	2592.99	CP-OFDM 256 QAM	162@0	58.0	59.85
41	30	70	518598	2592.99	CP-OFDM QPSK	189@0	67.485	69.65
41	30	70	518598	2592.99	CP-OFDM 16 QAM	189@0	67.539	69.78
41	30	70	518598	2592.99	CP-OFDM 64 QAM	189@0	67.497	69.69
41	30	70	518598	2592.99	CP-OFDM	189@0	67.539	69.6

					256 QAM			
41	30	80	518598	2592.99	CP-OFDM QPSK	217@0	77.543	79.91
41	30	80	518598	2592.99	CP-OFDM 16 QAM	217@0	77.545	80.21
41	30	80	518598	2592.99	CP-OFDM 64 QAM	217@0	77.615	79.96
41	30	80	518598	2592.99	CP-OFDM 256 QAM	217@0	77.666	80.03
41	30	90	518598	2592.99	CP-OFDM QPSK	245@0	87.524	90.37
41	30	90	518598	2592.99	CP-OFDM 16 QAM	245@0	87.577	90.31
41	30	90	518598	2592.99	CP-OFDM 64 QAM	245@0	87.621	90.33
41	30	90	518598	2592.99	CP-OFDM 256 QAM	245@0	87.523	90.32
41	30	100	518598	2592.99	CP-OFDM QPSK	273@0	97.596	100.8
41	30	100	518598	2592.99	CP-OFDM 16 QAM	273@0	97.642	100.6
41	30	100	518598	2592.99	CP-OFDM 64 QAM	273@0	97.602	100.6
41	30	100	518598	2592.99	CP-OFDM 256 QAM	273@0	97.479	100.5

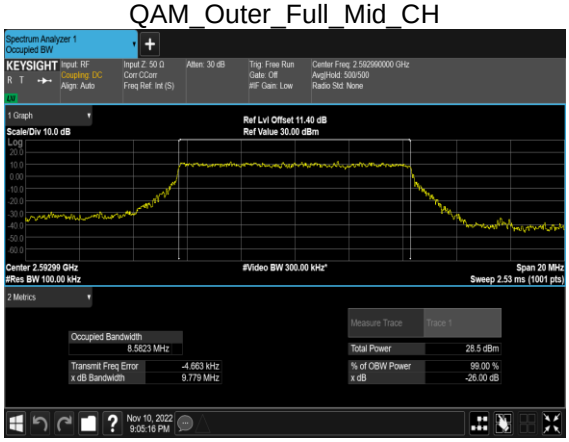
N41(10M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



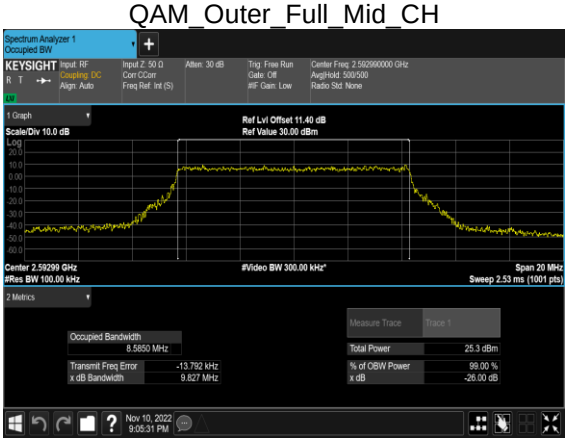
N41(10M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH

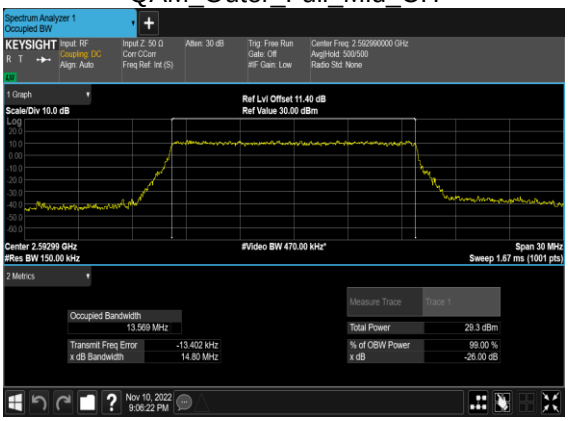


N41(10M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH



N41(10M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH



N41(15M)_CP-OFDM_QPSK_Outer_Full_Mid_CH

N41(15M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH