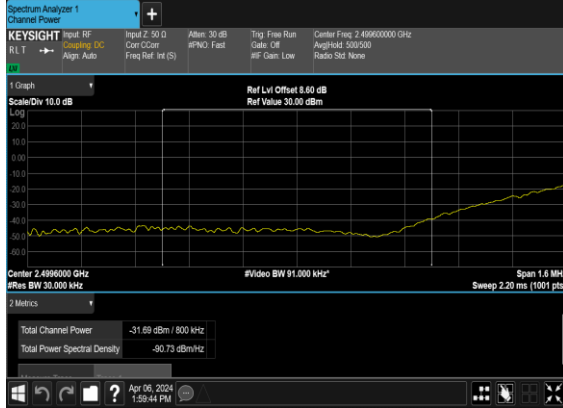


N7(40M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



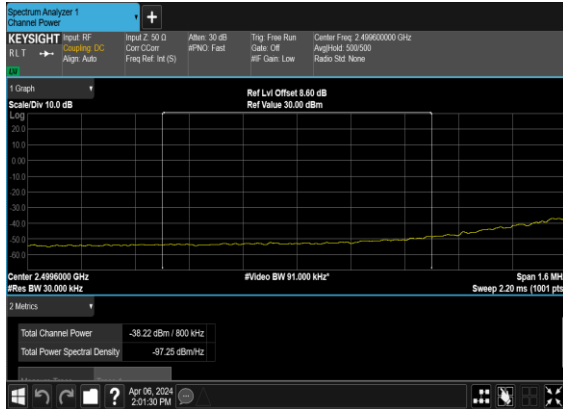
N7(40M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH_CHP_PASS



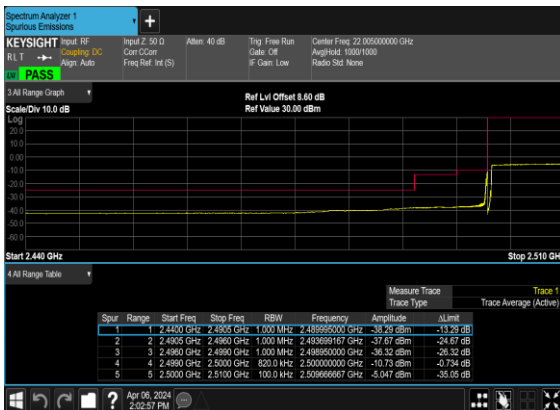
N7(40M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH



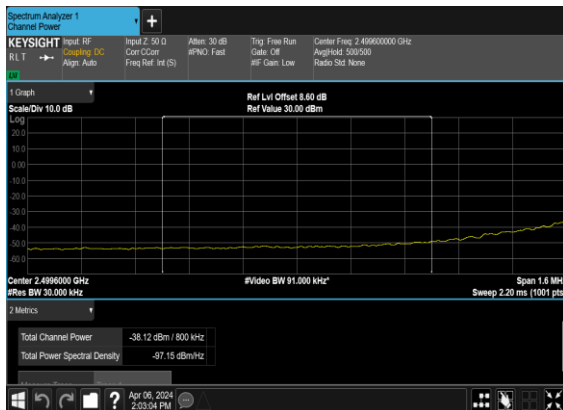
N7(40M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH_CHP_PASS



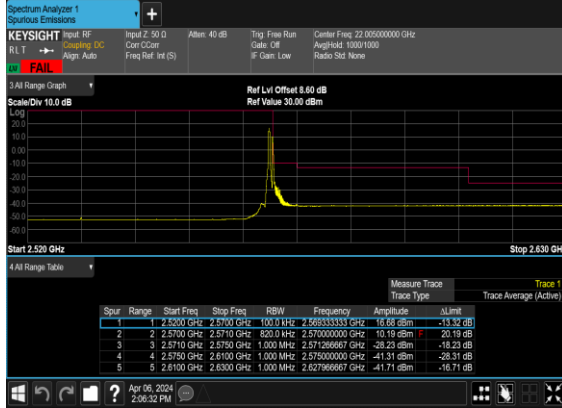
N7(40M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH



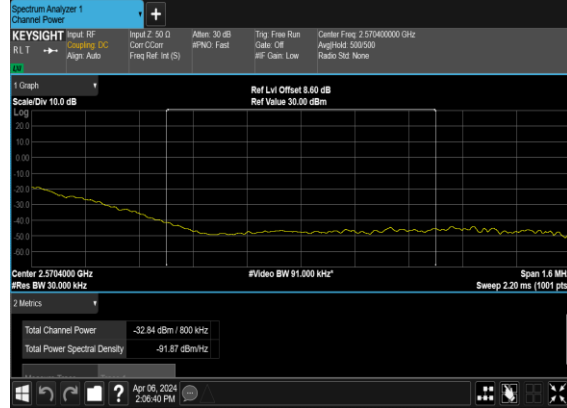
N7(40M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH_CHP_PASS



N7(40M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH



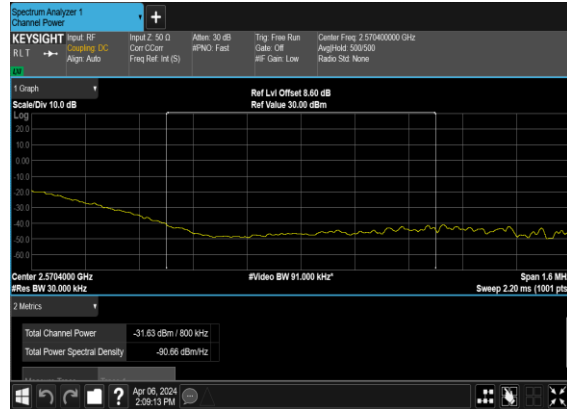
N7(40M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH_CHP_PASS



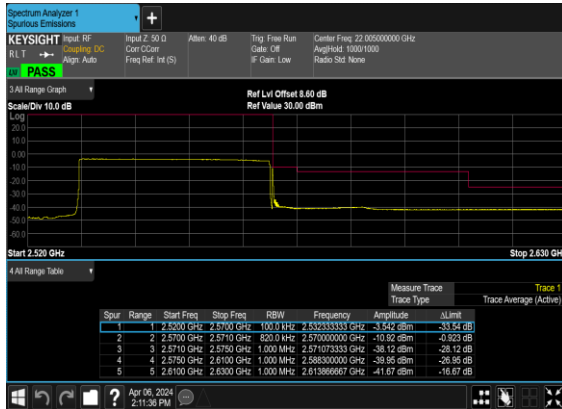
N7(40M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH



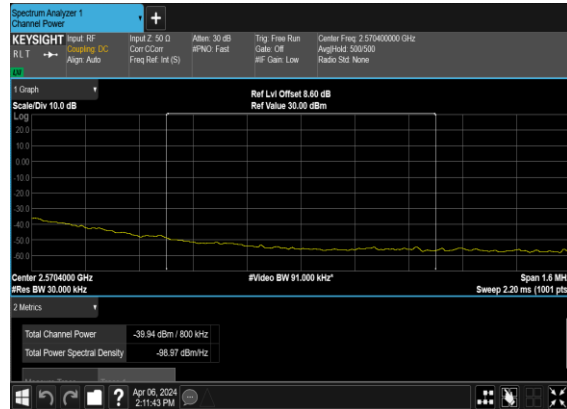
N7(40M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH_CHP_PASS



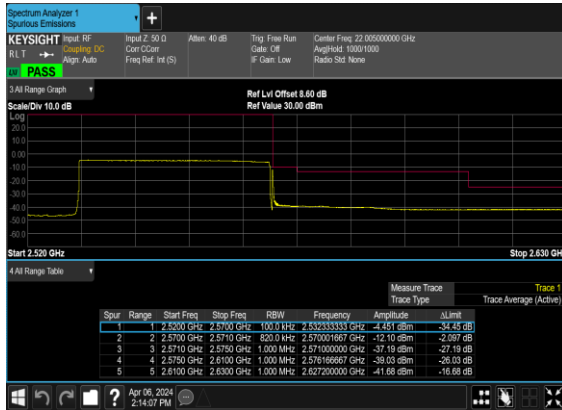
N7(40M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH



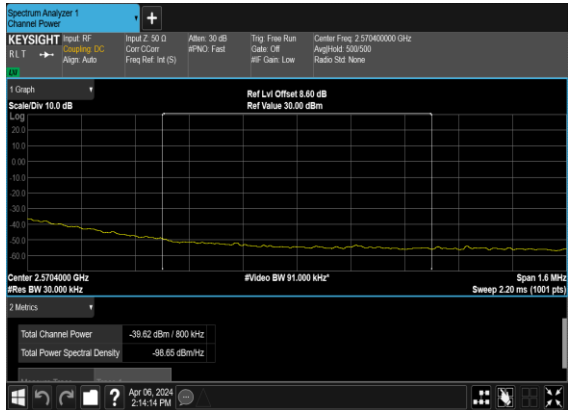
N7(40M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH_CHP_PASS



N7(40M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH



N7(40M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH_CHP_PASS



FR1 n7 MIMO (Ant 8 + 9)

Transmitter Conducted Output Power And EIRP, ($G_T - L_C$)=3.3dB

NR Band	SCS (kHz)	Band width (MHz)	Arfcn	Freq (MHz)	Modulation	RB	ANT9 Power (dBm)	ANT8 Power (dBm)	Conducted Power(dBm)	EIRP (dBm)	EIRP (W)
7	15	5	500500	2502.5	CP-OFDM QPSK	1@1	21.31	21.89	24.62	27.92	0.6194
7	15	5	500500	2502.5	CP-OFDM 16 QAM	1@1	20.75	21.19	23.99	27.29	0.5358
7	15	5	507000	2535	CP-OFDM QPSK	1@1	21.65	21.93	24.80	28.10	0.6457
7	15	5	507000	2535	CP-OFDM 16 QAM	1@1	21.03	21.34	24.20	27.50	0.5623
7	15	5	513500	2567.5	CP-OFDM QPSK	1@1	21.34	22.05	24.72	28.02	0.6339
7	15	5	513500	2567.5	CP-OFDM 16 QAM	1@1	20.92	21.38	24.17	27.47	0.5585
7	15	10	501000	2505	CP-OFDM QPSK	1@1	21.27	21.87	24.59	27.89	0.6152
7	15	10	501000	2505	CP-OFDM 16 QAM	1@1	20.72	21.47	24.12	27.42	0.5521
7	15	10	507000	2535	CP-OFDM QPSK	1@1	21.64	21.94	24.80	28.10	0.6457
7	15	10	507000	2535	CP-OFDM 16 QAM	1@1	21.09	21.5	24.31	27.61	0.5768
7	15	10	513000	2565	CP-OFDM QPSK	1@1	21.49	21.81	24.66	27.96	0.6252
7	15	10	513000	2565	CP-OFDM 16 QAM	1@1	20.83	21.45	24.16	27.46	0.5572
7	15	15	501500	2507.5	CP-OFDM QPSK	1@1	21.39	22.03	24.73	28.03	0.6353
7	15	15	501500	2507.5	CP-OFDM 16 QAM	1@1	20.67	21.41	24.07	27.37	0.5458
7	15	15	507000	2535	CP-OFDM QPSK	1@1	21.61	21.95	24.79	28.09	0.6442
7	15	15	507000	2535	CP-OFDM 16 QAM	1@1	21.05	21.56	24.32	27.62	0.5781
7	15	15	512500	2562.5	CP-OFDM QPSK	1@1	21.46	21.93	24.71	28.01	0.6324
7	15	15	512500	2562.5	CP-OFDM 16 QAM	1@1	20.87	21.47	24.19	27.49	0.5610
7	15	20	502000	2510	CP-OFDM QPSK	1@1	21.45	21.93	24.71	28.01	0.6324
7	15	20	502000	2510	CP-OFDM 16 QAM	1@1	20.75	21.6	24.21	27.51	0.5636
7	15	20	507000	2535	CP-OFDM QPSK	1@1	21.45	22.01	24.75	28.05	0.6383
7	15	20	507000	2535	CP-OFDM 16 QAM	1@1	20.9	21.47	24.20	27.50	0.5623
7	15	20	512000	2560	CP-OFDM QPSK	1@1	21.58	22.02	24.82	28.12	0.6486
7	15	20	512000	2560	CP-OFDM 16 QAM	1@1	21.07	21.41	24.25	27.55	0.5689
7	15	25	502500	2512.5	CP-OFDM QPSK	1@1	21.54	22.04	24.81	28.11	0.6471
7	15	25	502500	2512.5	CP-OFDM 16 QAM	1@1	20.93	21.47	24.22	27.52	0.5649
7	15	25	507000	2535	CP-OFDM QPSK	1@1	21.55	22.26	24.93	28.23	0.6653
7	15	25	507000	2535	CP-OFDM 16 QAM	1@1	21.03	21.65	24.36	27.66	0.5834
7	15	25	511500	2557.5	CP-OFDM QPSK	1@1	21.91	22.1	25.02	28.32	0.6792
7	15	25	511500	2557.5	CP-OFDM 16 QAM	1@1	21.32	21.74	24.55	27.85	0.6095
7	15	30	503000	2515	CP-OFDM QPSK	1@1	21.49	22.08	24.81	28.11	0.6471
7	15	30	503000	2515	CP-OFDM 16 QAM	1@1	20.94	21.55	24.27	27.57	0.5715
7	15	30	507000	2535	CP-OFDM QPSK	1@1	21.62	22.19	24.92	28.22	0.6637
7	15	30	507000	2535	CP-OFDM 16 QAM	1@1	20.99	21.71	24.38	27.68	0.5861
7	15	30	511000	2555	CP-OFDM QPSK	1@1	21.97	22.15	25.07	28.37	0.6871
7	15	30	511000	2555	CP-OFDM 16 QAM	1@1	21.68	21.7	24.70	28.00	0.6310

7	15	40	504000	2520	CP-OFDM QPSK	108@54	21.47	22.06	24.79	28.09	0.6442
7	15	40	504000	2520	CP-OFDM QPSK	1@1	21.64	22.23	24.96	28.26	0.6699
7	15	40	504000	2520	CP-OFDM QPSK	1@214	21.96	22.17	25.08	28.38	0.6887
7	15	40	504000	2520	CP-OFDM 16 QAM	108@54	21.04	21.64	24.36	27.66	0.5834
7	15	40	504000	2520	CP-OFDM 16 QAM	1@1	21.05	21.59	24.34	27.64	0.5808
7	15	40	504000	2520	CP-OFDM 16 QAM	1@214	21.42	21.7	24.57	27.87	0.6124
7	15	40	504000	2520	CP-OFDM 64 QAM	108@54	19.09	19.69	22.41	25.71	0.3724
7	15	40	504000	2520	CP-OFDM 64 QAM	1@1	19.25	19.85	22.57	25.87	0.3864
7	15	40	504000	2520	CP-OFDM 64 QAM	1@214	19.31	19.7	22.52	25.82	0.3819
7	15	40	504000	2520	CP-OFDM 256 QAM	108@54	15.73	16.5	19.14	22.44	0.1754
7	15	40	504000	2520	CP-OFDM 256 QAM	1@1	16.05	16.84	19.47	22.77	0.1892
7	15	40	504000	2520	CP-OFDM 256 QAM	1@214	15.92	16.23	19.09	22.39	0.1734
7	15	40	507000	2535	CP-OFDM QPSK	108@54	21.81	22.08	24.96	28.26	0.6699
7	15	40	507000	2535	CP-OFDM QPSK	1@1	21.37	22.31	24.88	28.18	0.6577
7	15	40	507000	2535	CP-OFDM QPSK	1@214	21.83	22.28	25.07	28.37	0.6871
7	15	40	507000	2535	CP-OFDM 16 QAM	108@54	21.4	21.77	24.60	27.90	0.6166
7	15	40	507000	2535	CP-OFDM 16 QAM	1@1	20.87	21.73	24.33	27.63	0.5794
7	15	40	507000	2535	CP-OFDM 16 QAM	1@214	21.23	21.71	24.49	27.79	0.6012
7	15	40	507000	2535	CP-OFDM 64 QAM	108@54	19.31	19.65	22.49	25.79	0.3793
7	15	40	507000	2535	CP-OFDM 64 QAM	1@1	19.05	19.85	22.48	25.78	0.3784
7	15	40	507000	2535	CP-OFDM 64 QAM	1@214	19.41	19.69	22.56	25.86	0.3855
7	15	40	507000	2535	CP-OFDM 256 QAM	108@54	16.12	16.52	19.33	22.63	0.1832
7	15	40	507000	2535	CP-OFDM 256 QAM	1@1	15.93	16.74	19.36	22.66	0.1845
7	15	40	507000	2535	CP-OFDM 256 QAM	1@214	15.6	16.2	18.92	22.22	0.1667
7	15	40	510000	2550	CP-OFDM QPSK	108@54	21.82	22.13	24.99	28.29	0.6745
7	15	40	510000	2550	CP-OFDM QPSK	1@1	21.86	22.2	25.04	28.34	0.6823
7	15	40	510000	2550	CP-OFDM QPSK	1@214	21.52	22.27	24.92	28.22	0.6637
7	15	40	510000	2550	CP-OFDM 16 QAM	108@54	21.32	21.65	24.50	27.80	0.6026
7	15	40	510000	2550	CP-OFDM 16 QAM	1@1	21.28	21.57	24.44	27.74	0.5943
7	15	40	510000	2550	CP-OFDM 16 QAM	1@214	20.94	22.03	24.53	27.83	0.6067
7	15	40	510000	2550	CP-OFDM 64 QAM	108@54	19.27	19.64	22.47	25.77	0.3776
7	15	40	510000	2550	CP-OFDM 64 QAM	1@1	19.42	19.76	22.60	25.90	0.3890
7	15	40	510000	2550	CP-OFDM 64 QAM	1@214	19.01	19.82	22.44	25.74	0.3750
7	15	40	510000	2550	CP-OFDM 256 QAM	108@54	16.05	16.47	19.28	22.58	0.1811
7	15	40	510000	2550	CP-OFDM 256 QAM	1@1	16.37	16.72	19.56	22.86	0.1932
7	15	40	510000	2550	CP-OFDM 256 QAM	1@214	15.67	16.24	18.97	22.27	0.1687

FR1 n7 MIMO (Ant 8 + 9)-(Ant 8)

Frequency Stability

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Deviation (ppm)	Verdict	Environment
7	15	20	507000	2535.0	CP-OFDM QPSK	106@0	0.0063	PASS	NV
7	15	20	507000	2535.0	CP-OFDM QPSK	106@0	0.0059	PASS	LV
7	15	20	507000	2535.0	CP-OFDM QPSK	106@0	0.0032	PASS	HV
7	15	20	507000	2535.0	CP-OFDM QPSK	106@0	0.0052	PASS	-30°C
7	15	20	507000	2535.0	CP-OFDM QPSK	106@0	0.0039	PASS	-20°C
7	15	20	507000	2535.0	CP-OFDM QPSK	106@0	0.0026	PASS	-10°C
7	15	20	507000	2535.0	CP-OFDM QPSK	106@0	0.0032	PASS	0°C
7	15	20	507000	2535.0	CP-OFDM QPSK	106@0	0.0062	PASS	10°C
7	15	20	507000	2535.0	CP-OFDM QPSK	106@0	0.0063	PASS	20°C
7	15	20	507000	2535.0	CP-OFDM QPSK	106@0	0.0058	PASS	30°C
7	15	20	507000	2535.0	CP-OFDM QPSK	106@0	0.0042	PASS	40°C
7	15	20	507000	2535.0	CP-OFDM QPSK	106@0	0.0036	PASS	50°C

Peak to Average Ratio

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result (dB)	Limit (dB)	Verdict
7	15	20	507000	2535.0	CP-OFDM QPSK	106@0	6.97	13	PASS

N7(20M)_CP-OFDM_QPSK_Outer_Full_Mid_CH

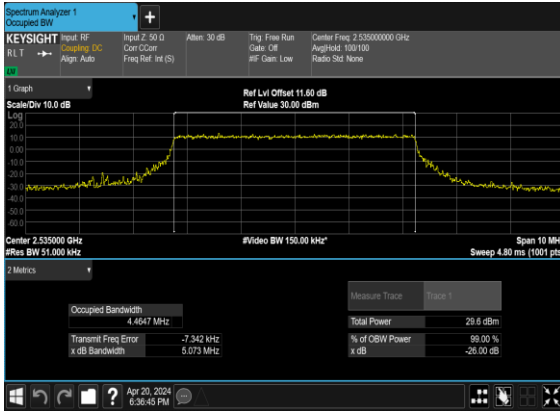


Occupied Bandwidth

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	OBW (MHz)	26dB BW (MHz)
7	15	5	507000	2535.0	CP-OFDM QPSK	25@0	4.4647	5.073
7	15	5	507000	2535.0	CP-OFDM 16 QAM	25@0	4.4762	5.096
7	15	5	507000	2535.0	CP-OFDM 64 QAM	25@0	4.474	5.092
7	15	5	507000	2535.0	CP-OFDM 256 QAM	25@0	4.4639	5.11
7	15	10	507000	2535.0	CP-OFDM QPSK	52@0	9.2846	10.03
7	15	10	507000	2535.0	CP-OFDM 16 QAM	52@0	9.2958	10.02
7	15	10	507000	2535.0	CP-OFDM 64 QAM	52@0	9.3013	10.02
7	15	10	507000	2535.0	CP-OFDM 256 QAM	52@0	9.2999	10.11
7	15	15	507000	2535.0	CP-OFDM QPSK	79@0	14.12	15.0
7	15	15	507000	2535.0	CP-OFDM 16 QAM	79@0	14.111	14.94
7	15	15	507000	2535.0	CP-OFDM 64 QAM	79@0	14.114	15.08
7	15	15	507000	2535.0	CP-OFDM 256 QAM	79@0	14.112	14.89
7	15	20	507000	2535.0	CP-OFDM QPSK	106@0	18.939	19.92
7	15	20	507000	2535.0	CP-OFDM 16 QAM	106@0	18.908	19.81
7	15	20	507000	2535.0	CP-OFDM 64 QAM	106@0	18.954	19.79
7	15	20	507000	2535.0	CP-OFDM 256 QAM	106@0	18.898	19.93
7	15	25	507000	2535.0	CP-OFDM QPSK	133@0	23.77	24.79
7	15	25	507000	2535.0	CP-OFDM 16 QAM	133@0	23.798	25.17
7	15	25	507000	2535.0	CP-OFDM 64 QAM	133@0	23.705	24.83
7	15	25	507000	2535.0	CP-OFDM 256 QAM	133@0	23.792	24.78
7	15	30	507000	2535.0	CP-OFDM QPSK	160@0	28.562	29.66
7	15	30	507000	2535.0	CP-OFDM 16 QAM	160@0	28.648	29.69
7	15	30	507000	2535.0	CP-OFDM 64 QAM	160@0	28.58	29.78
7	15	30	507000	2535.0	CP-OFDM 256 QAM	160@0	28.54	29.82
7	15	40	507000	2535.0	CP-OFDM QPSK	216@0	38.564	40.11

7	15	40	507000	2535.0	CP-OFDM 16 QAM	216@0	38.518	39.87
7	15	40	507000	2535.0	CP-OFDM 64 QAM	216@0	38.57	40.03
7	15	40	507000	2535.0	CP-OFDM 256 QAM	216@0	38.619	39.88

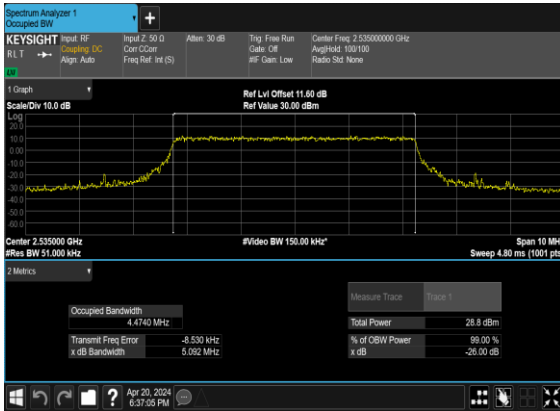
N7(5M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



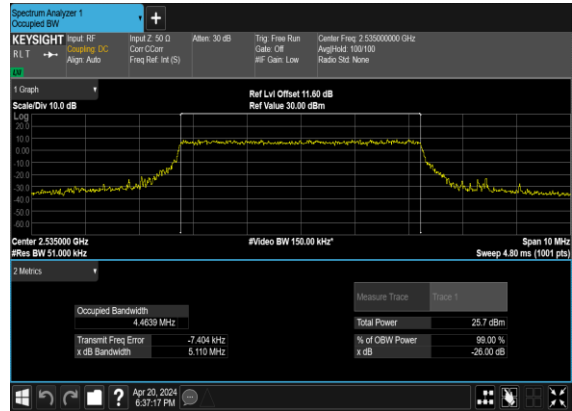
N7(5M)_CP-OFDM_16QAM_Outer_Full_Mid_CH



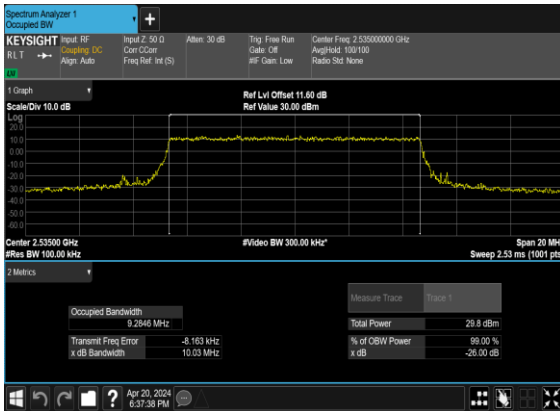
N7(5M)_CP-OFDM_64QAM_Outer_Full_Mid_CH



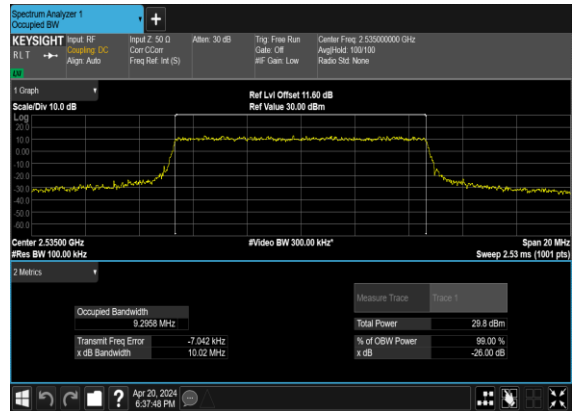
N7(5M)_CP-OFDM_256QAM_Outer_Full_Mid_CH



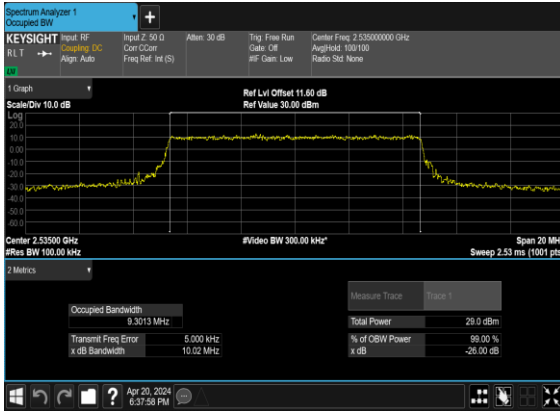
N7(10M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



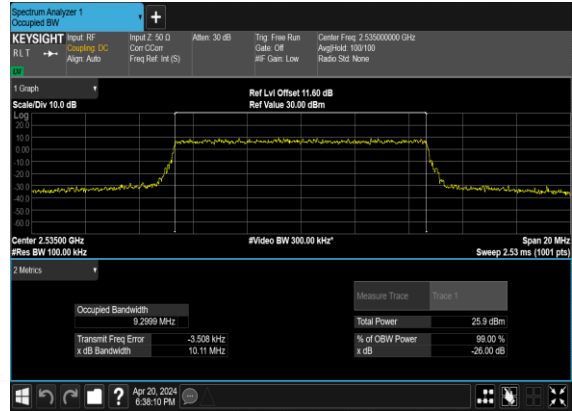
N7(10M)_CP-OFDM_16QAM_Outer_Full_Mid_CH



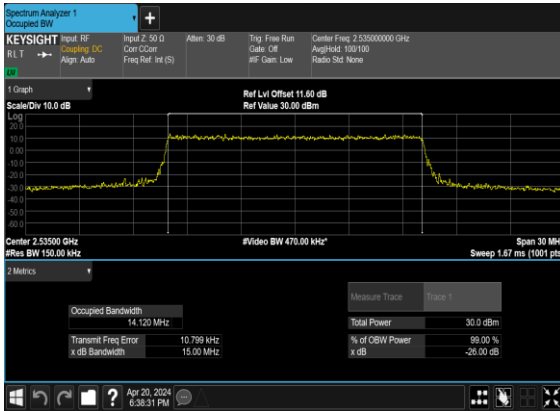
N7(10M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH



N7(10M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH



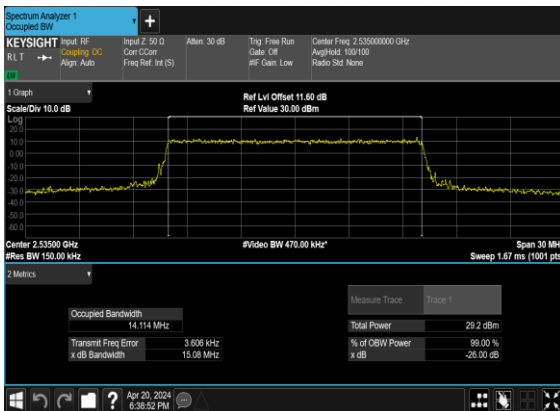
N7(15M)_CP- OFDM_QPSK_Outer_Full_Mid_CH



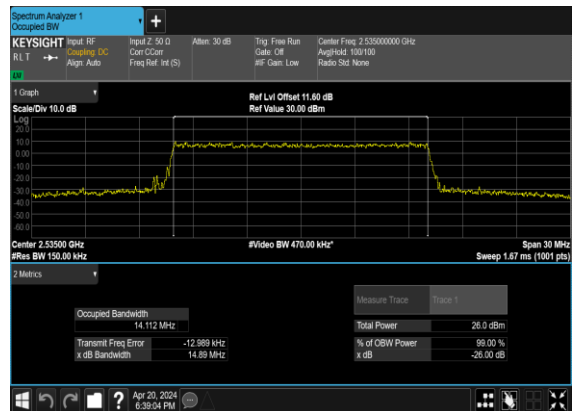
N7(15M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



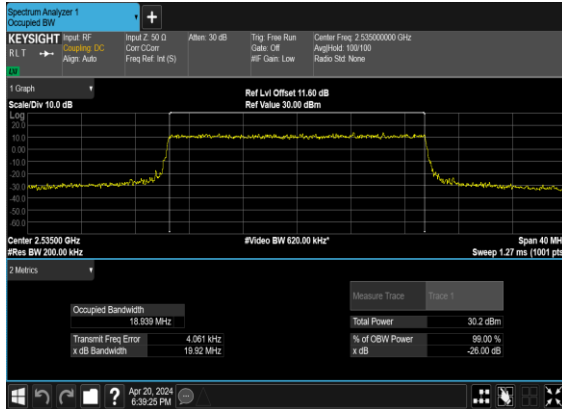
N7(15M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH



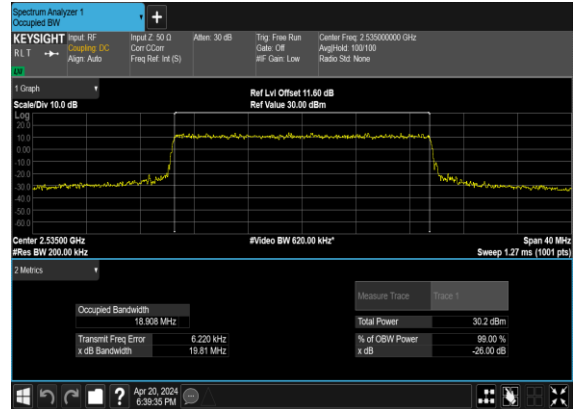
N7(15M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH



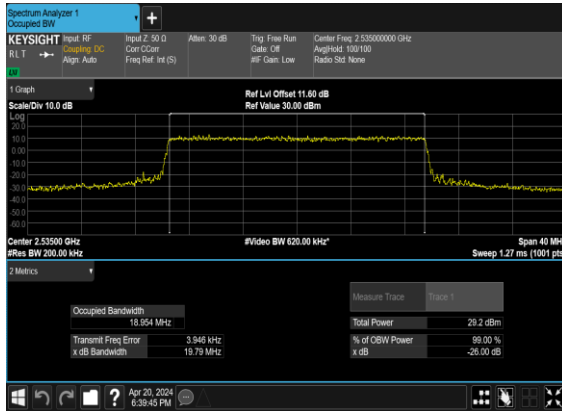
N7(20M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



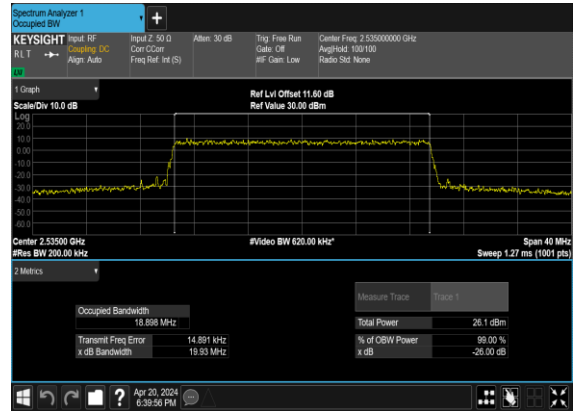
N7(20M)_CP-OFDM_16QAM_Outer_Full_Mid_CH



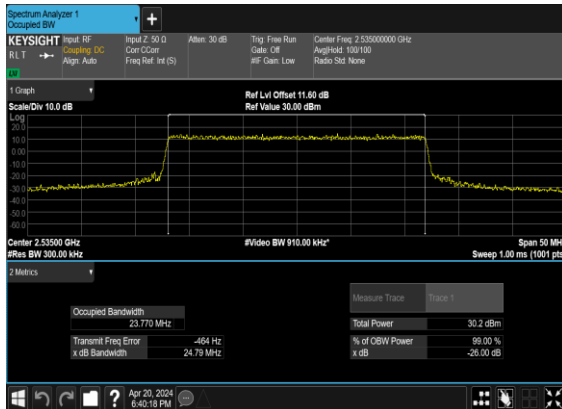
N7(20M)_CP-OFDM_64QAM_Outer_Full_Mid_CH



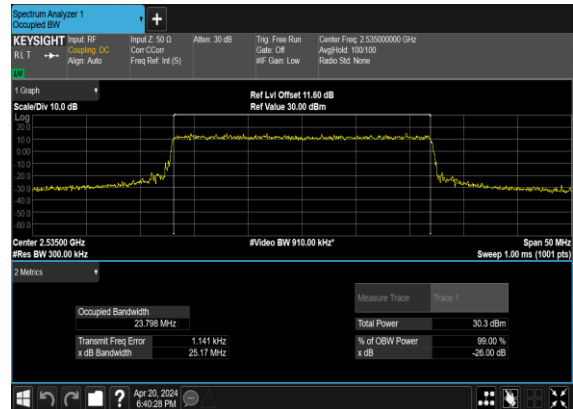
N7(20M)_CP-OFDM_256QAM_Outer_Full_Mid_CH



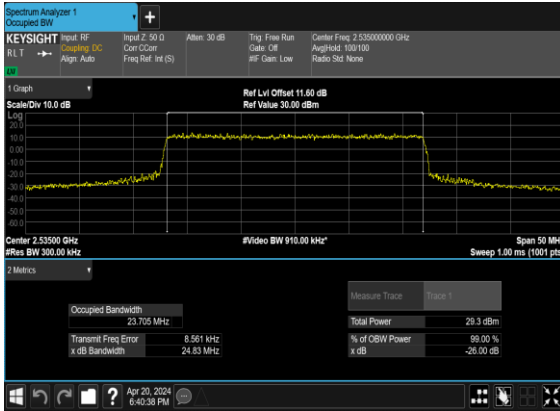
N7(25M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



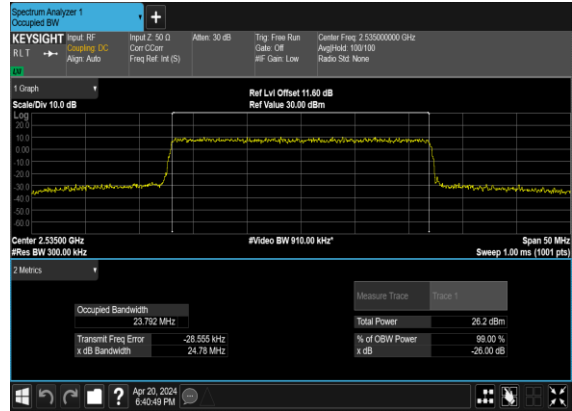
N7(25M)_CP-OFDM_16QAM_Outer_Full_Mid_CH



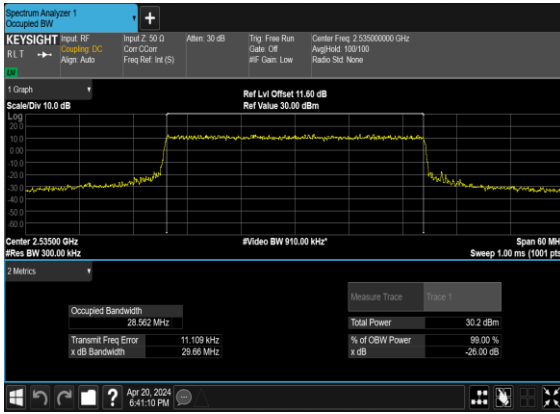
N7(25M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH



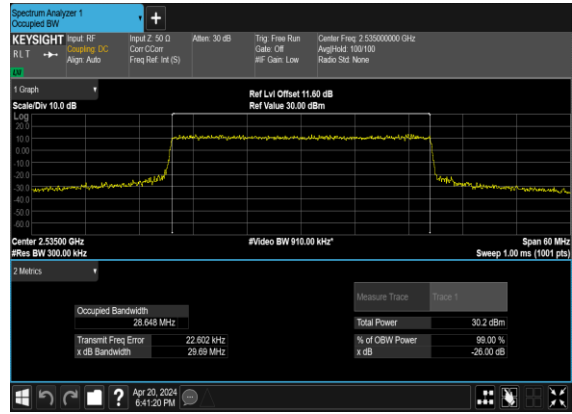
N7(25M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH



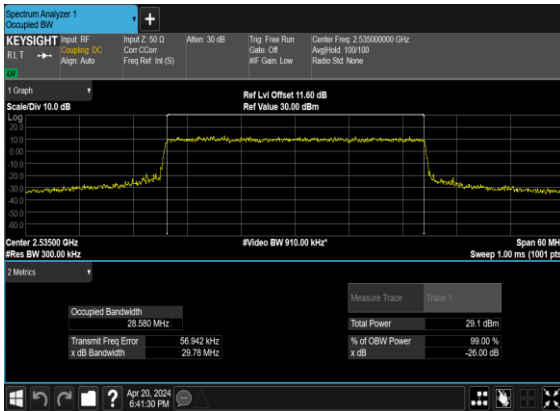
N7(30M)_CP- OFDM_QPSK_Outer_Full_Mid_CH



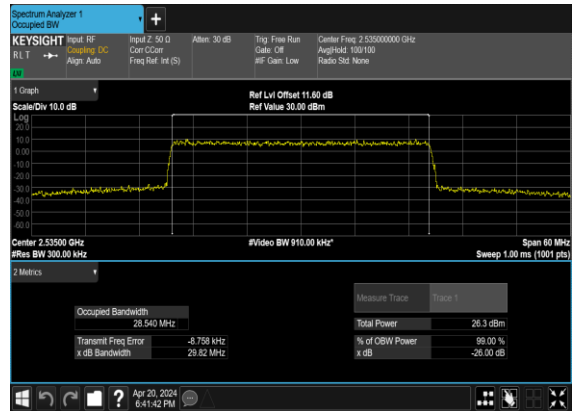
N7(30M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



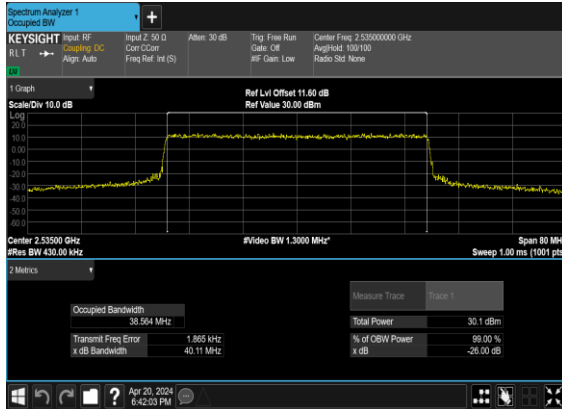
N7(30M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH



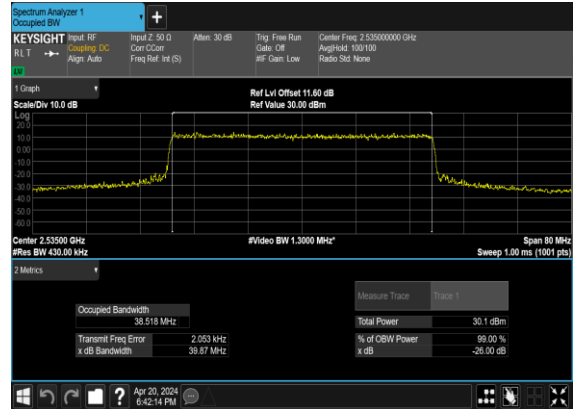
N7(30M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH



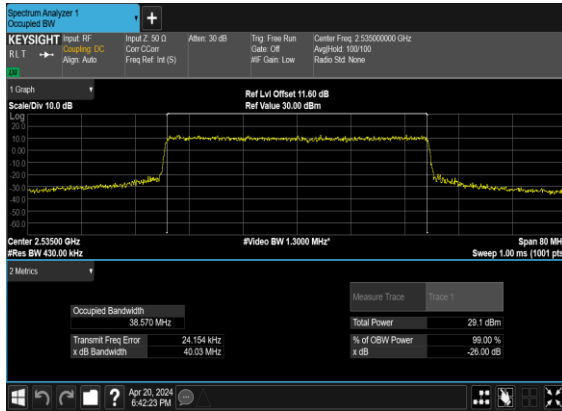
N7(40M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



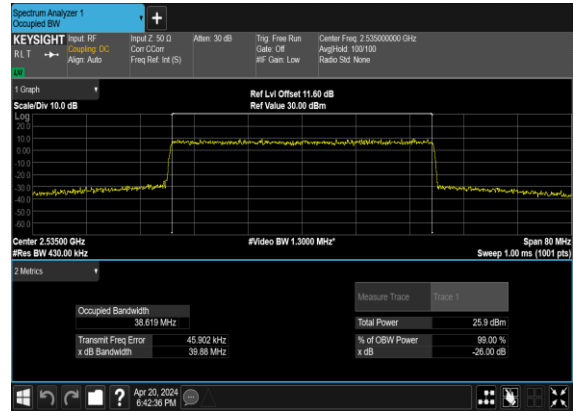
N7(40M)_CP-OFDM_16_QAM_Outer_Full_Mid_CH



N7(40M)_CP-OFDM_64_QAM_Outer_Full_Mid_CH



N7(40M)_CP-OFDM_256_QAM_Outer_Full_Mid_CH



Conducted Spurious Emissions

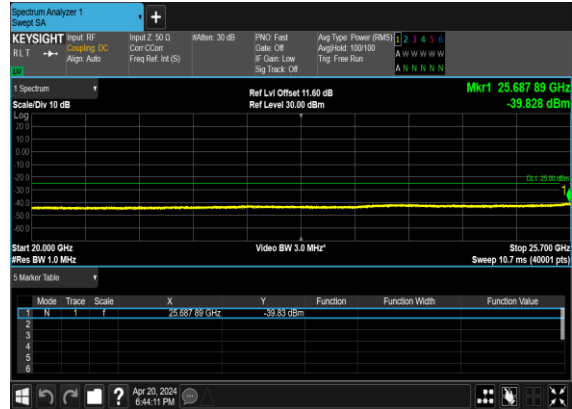
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
7	15	5	500500	2502.5	CP-OFDM QPSK	1@0	see graph	---
7	15	5	500500	2502.5	CP-OFDM QPSK	1@0	see graph	PASS
7	15	5	500500	2502.5	CP-OFDM QPSK	1@0	see graph	PASS
7	15	5	507000	2535.0	CP-OFDM QPSK	1@0	see graph	---
7	15	5	507000	2535.0	CP-OFDM QPSK	1@0	see graph	PASS
7	15	5	507000	2535.0	CP-OFDM QPSK	1@0	see graph	PASS
7	15	5	513500	2567.5	CP-OFDM QPSK	1@0	see graph	---
7	15	5	513500	2567.5	CP-OFDM QPSK	1@0	see graph	PASS
7	15	5	513500	2567.5	CP-OFDM QPSK	1@0	see graph	PASS
7	15	20	502000	2510.0	CP-OFDM QPSK	1@0	see graph	---
7	15	20	502000	2510.0	CP-OFDM QPSK	1@0	see graph	PASS
7	15	20	502000	2510.0	CP-OFDM QPSK	1@0	see graph	PASS
7	15	20	507000	2535.0	CP-OFDM QPSK	1@0	see graph	---
7	15	20	507000	2535.0	CP-OFDM QPSK	1@0	see graph	PASS
7	15	20	507000	2535.0	CP-OFDM QPSK	1@0	see graph	PASS
7	15	20	512000	2560.0	CP-OFDM QPSK	1@0	see graph	---
7	15	20	512000	2560.0	CP-OFDM QPSK	1@0	see graph	PASS
7	15	20	512000	2560.0	CP-OFDM QPSK	1@0	see graph	PASS
7	15	40	504000	2520.0	CP-OFDM QPSK	1@0	see graph	---
7	15	40	504000	2520.0	CP-OFDM QPSK	1@0	see graph	PASS
7	15	40	504000	2520.0	CP-OFDM QPSK	1@0	see graph	PASS
7	15	40	507000	2535.0	CP-OFDM QPSK	1@0	see graph	---

7	15	40	507000	2535.0	CP-OFDM QPSK	1@0	see graph	PASS
7	15	40	507000	2535.0	CP-OFDM QPSK	1@0	see graph	PASS
7	15	40	510000	2550.0	CP-OFDM QPSK	1@0	see graph	---
7	15	40	510000	2550.0	CP-OFDM QPSK	1@0	see graph	PASS
7	15	40	510000	2550.0	CP-OFDM QPSK	1@0	see graph	PASS

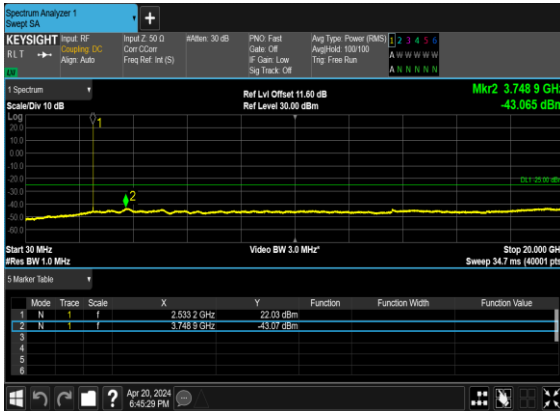
N7(5M)_CP- OFDM_QPSK_Edge_1RB_Left_Low_CH



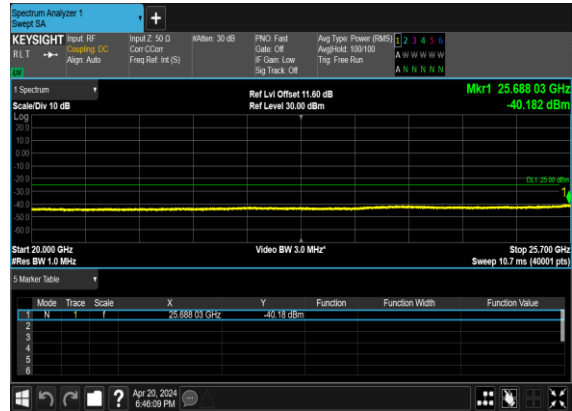
N7(5M)_CP- OFDM_QPSK_Edge_1RB_Left_Low_CH



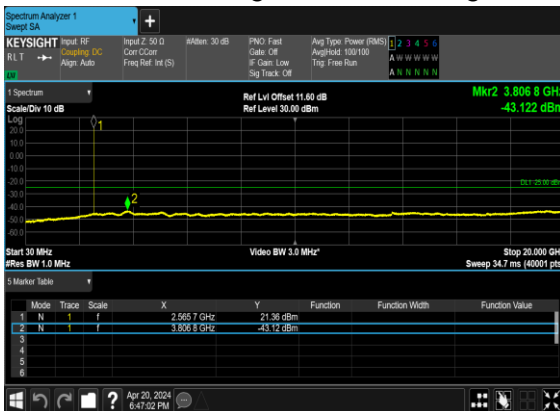
N7(5M)_CP- OFDM_QPSK_Edge_1RB_Left_Mid_CH



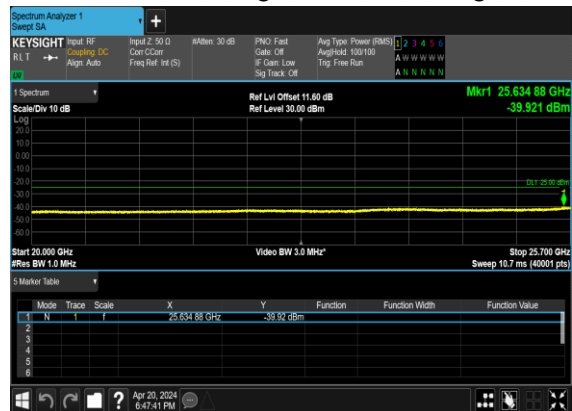
N7(5M)_CP- OFDM_QPSK_Edge_1RB_Left_Mid_CH



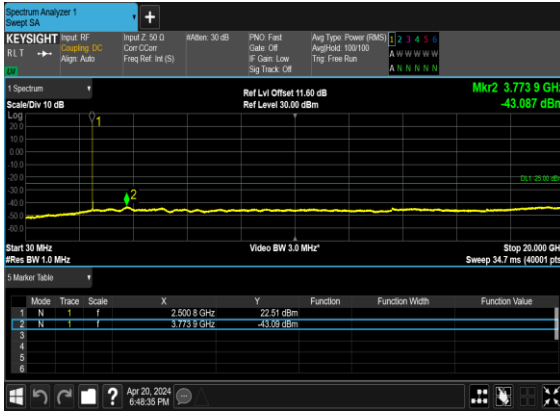
N7(5M)_CP- OFDM_QPSK_Edge_1RB_Left_High_CH



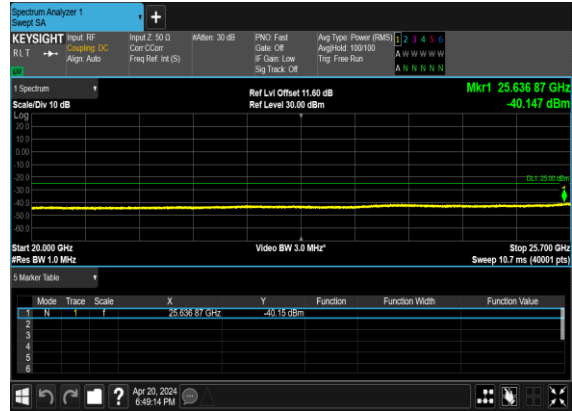
N7(5M)_CP- OFDM_QPSK_Edge_1RB_Left_High_CH



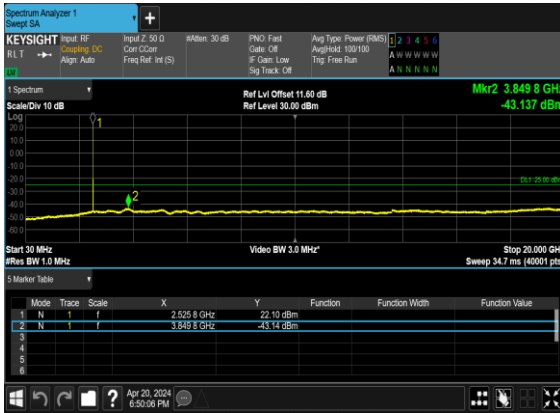
N7(20M)_CP- OFDM_QPSK_Edge_1RB_Left_Low_CH



N7(20M)_CP- OFDM_QPSK_Edge_1RB_Left_Low_CH



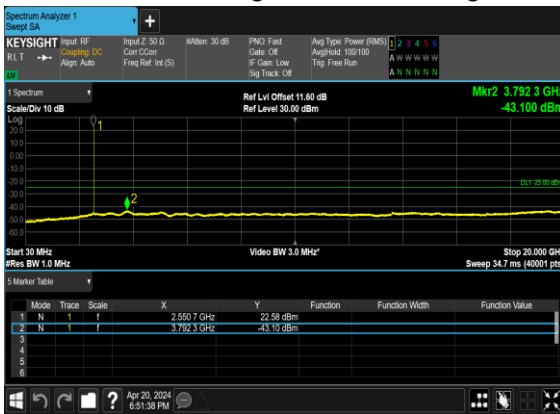
N7(20M)_CP- OFDM_QPSK_Edge_1RB_Left_Mid_CH



N7(20M)_CP- OFDM_QPSK_Edge_1RB_Left_Mid_CH



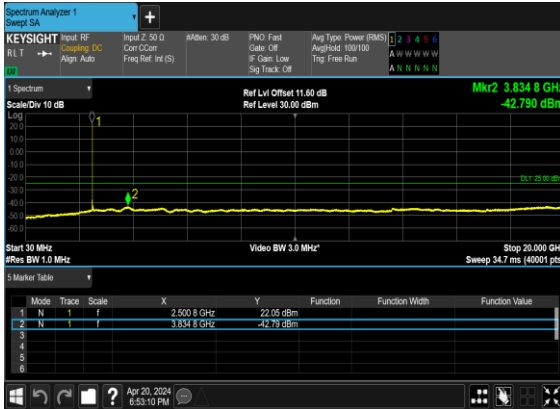
N7(20M)_CP- OFDM_QPSK_Edge_1RB_Left_High_CH



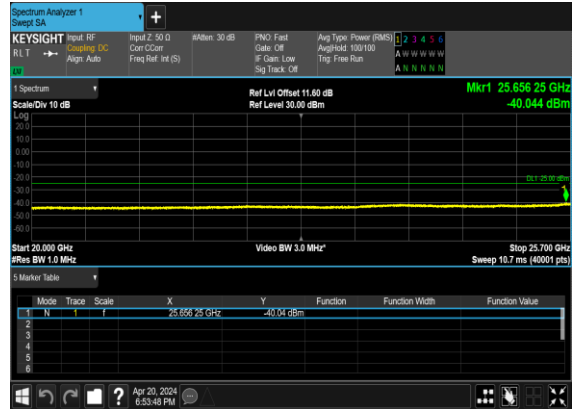
N7(20M)_CP- OFDM_QPSK_Edge_1RB_Left_High_CH



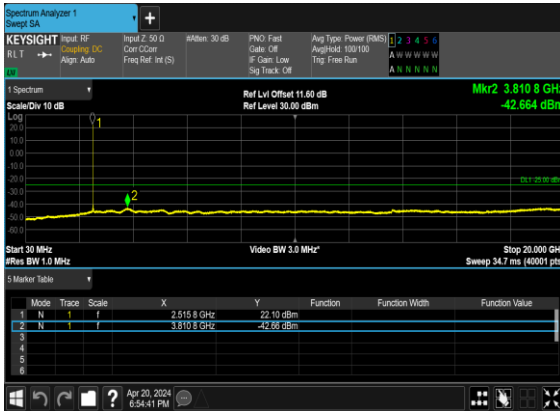
N7(40M)_CP- OFDM_QPSK_Edge_1RB_Left_Low_CH



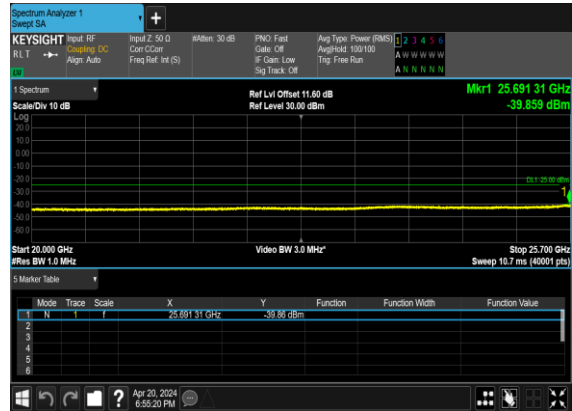
N7(40M)_CP- OFDM_QPSK_Edge_1RB_Left_Low_CH



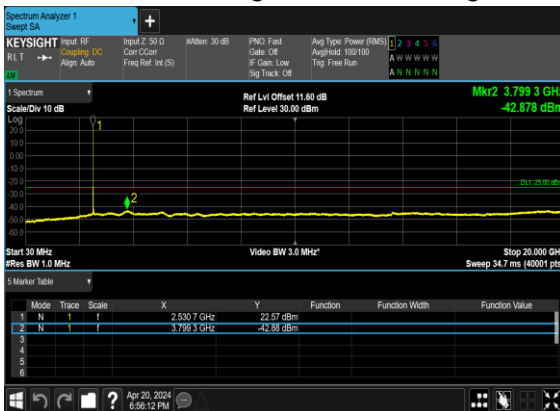
N7(40M)_CP- OFDM_QPSK_Edge_1RB_Left_Mid_CH



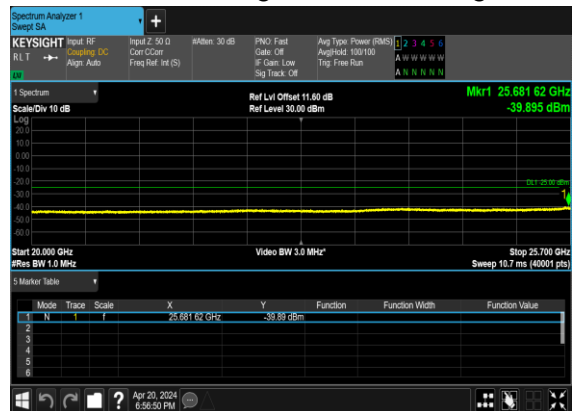
N7(40M)_CP- OFDM_QPSK_Edge_1RB_Left_Mid_CH



N7(40M)_CP- OFDM_QPSK_Edge_1RB_Left_High_CH



N7(40M)_CP- OFDM_QPSK_Edge_1RB_Left_High_CH



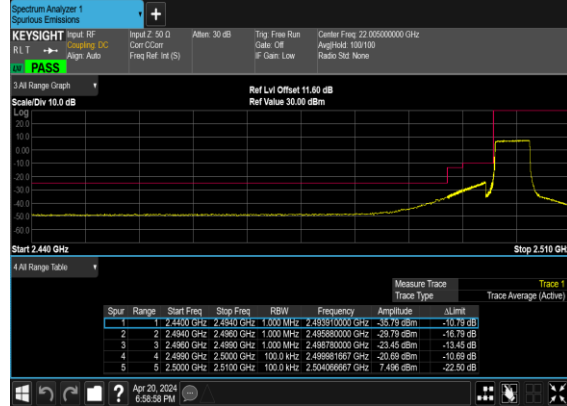
Conducted Band Edge

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
7	15	5	500500	2502.5	CP-OFDM QPSK	1@0	see graph	PASS
7	15	5	500500	2502.5	CP-OFDM QPSK	25@0	see graph	PASS
7	15	5	513500	2567.5	CP-OFDM QPSK	1@24	see graph	PASS
7	15	5	513500	2567.5	CP-OFDM QPSK	25@0	see graph	PASS
7	15	20	502000	2510.0	CP-OFDM QPSK	1@0	see graph	PASS
7	15	20	502000	2510.0	CP-OFDM QPSK	106@0	see graph	PASS
7	15	20	512000	2560.0	CP-OFDM QPSK	1@105	see graph	PASS
7	15	20	512000	2560.0	CP-OFDM QPSK	106@0	see graph	PASS
7	15	40	504000	2520.0	CP-OFDM QPSK	1@0	see graph	PASS
7	15	40	504000	2520.0	CP-OFDM QPSK	216@0	see graph	PASS
7	15	40	510000	2550.0	CP-OFDM QPSK	1@215	see graph	PASS
7	15	40	510000	2550.0	CP-OFDM QPSK	216@0	see graph	PASS

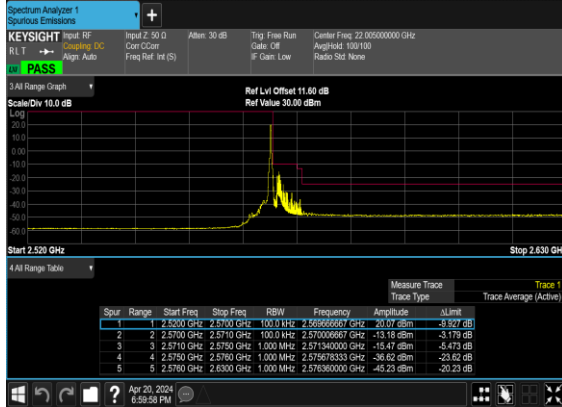
N7(5M)_CP- OFDM_QPSK_Edge_1RB_Left_Low_CH



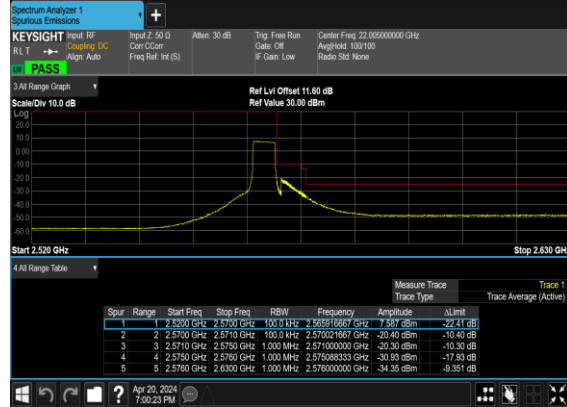
N7(5M)_CP- OFDM_QPSK_Outer_Full_Low_CH



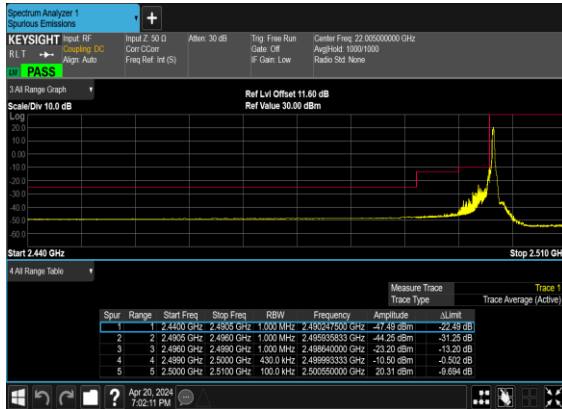
N7(5M)_CP- OFDM_QPSK_Edge_1RB_Right_High_CH



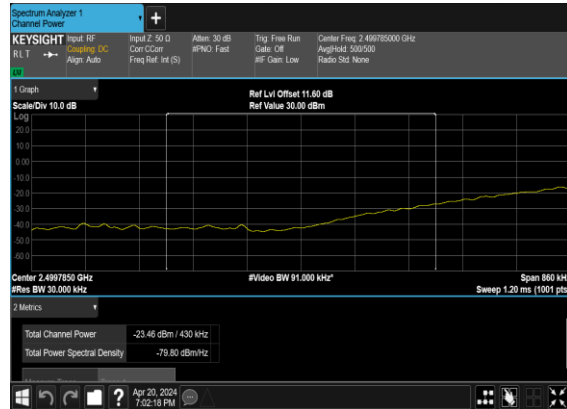
N7(5M)_CP- OFDM_QPSK_Outer_Full_High_CH



N7(20M)_CP- OFDM_QPSK_Edge_1RB_Left_Low_CH



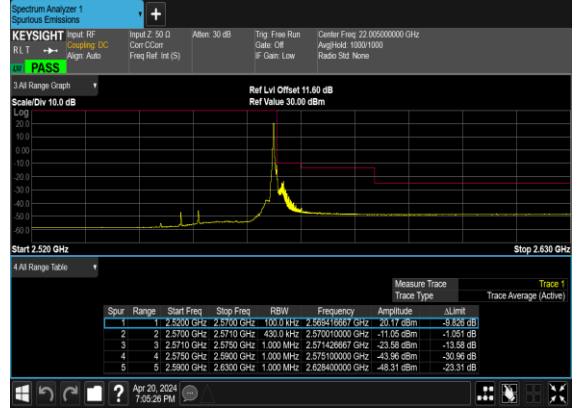
N7(20M)_CP-OFDM_QPSK_ Edge_1RB_Left_Low_CH_CHP_PASS



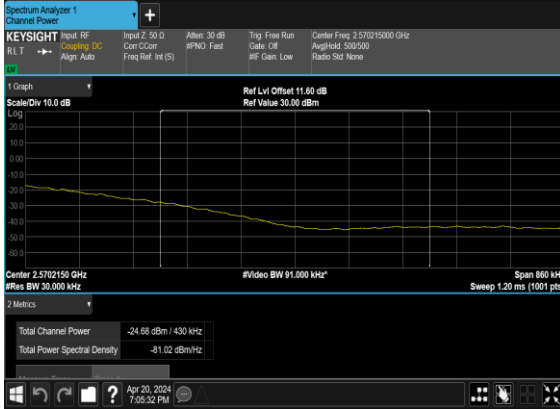
N7(20M)_CP- OFDM_QPSK_Outer_Full_Low_CH



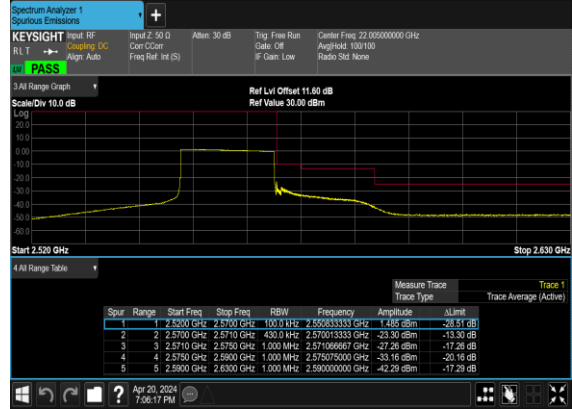
N7(20M)_CP- OFDM_QPSK_Edge_1RB_Right_High_CH



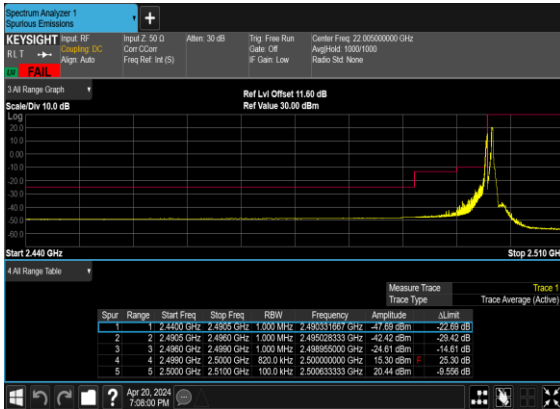
N7(20M)_CP-OFDM_QPSK _Edge_1RB_Right_High_CH_CHP_PASS



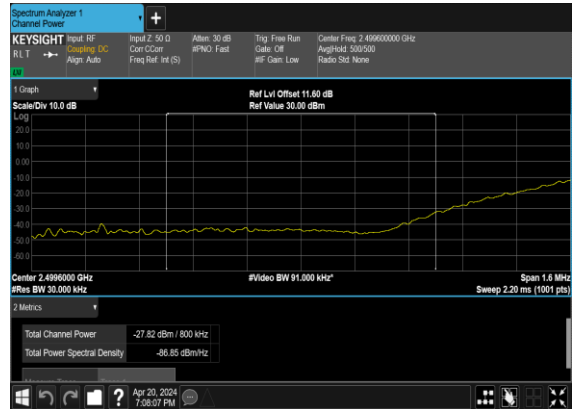
N7(20M)_CP- OFDM_QPSK_Outer_Full_High_CH



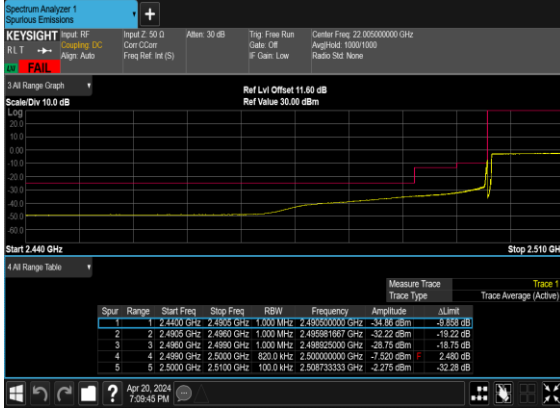
N7(40M)_CP- OFDM_QPSK_Edge_1RB_Left_Low_CH



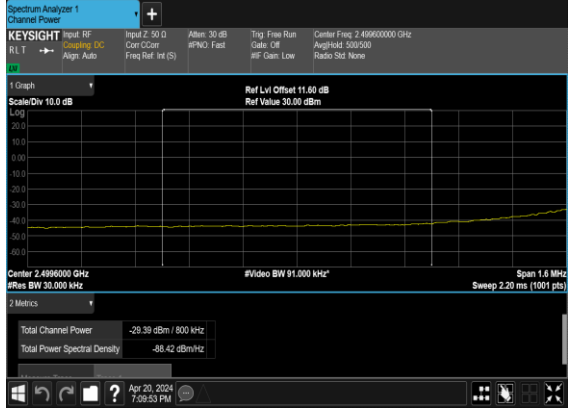
N7(40M)_CP-OFDM_QPSK _Edge_1RB_Left_Low_CH_CHP_PASS



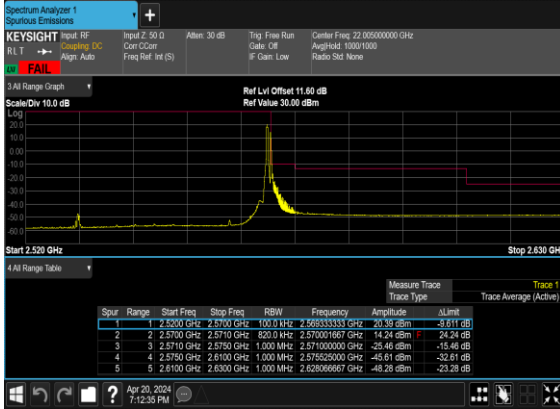
N7(40M)_CP- OFDM_QPSK_Outer_Full_Low_CH



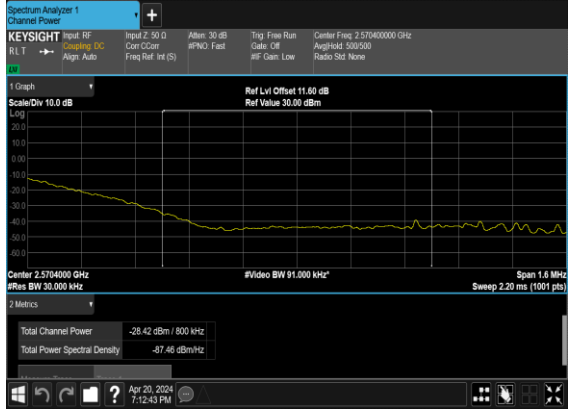
N7(40M)_CP- OFDM_QPSK_Outer_Full_Low_CH_CHP_PASS



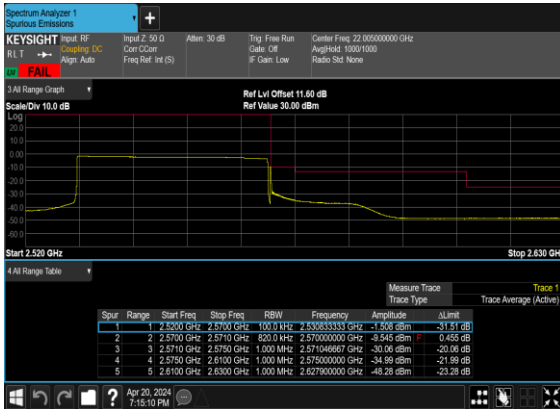
N7(40M)_CP- OFDM_QPSK_Edge_1RB_Right_High_CH



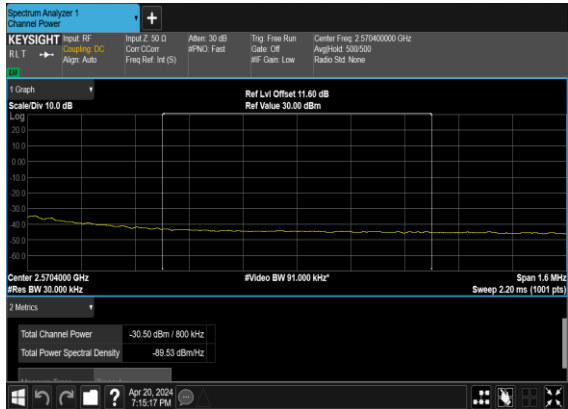
N7(40M)_CP-OFDM_QPSK_ Edge_1RB_Right_High_CH_CHP_PASS



N7(40M)_CP- OFDM_QPSK_Outer_Full_High_CH



N7(40M)_CP- OFDM_QPSK_Outer_Full_High_CH_CHP_PASS



FR1 n7 MIMO (Ant 8 + 9)-(Ant 9)

Frequency Stability

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Deviation (ppm)	Verdict	Environment
7	15	20	507000	2535.0	CP-OFDM QPSK	106@0	0.0040	PASS	NV
7	15	20	507000	2535.0	CP-OFDM QPSK	106@0	0.0030	PASS	LV
7	15	20	507000	2535.0	CP-OFDM QPSK	106@0	0.0061	PASS	HV
7	15	20	507000	2535.0	CP-OFDM QPSK	106@0	0.0053	PASS	-30°C
7	15	20	507000	2535.0	CP-OFDM QPSK	106@0	0.0066	PASS	-20°C
7	15	20	507000	2535.0	CP-OFDM QPSK	106@0	0.0054	PASS	-10°C
7	15	20	507000	2535.0	CP-OFDM QPSK	106@0	0.0070	PASS	0°C
7	15	20	507000	2535.0	CP-OFDM QPSK	106@0	0.0034	PASS	10°C
7	15	20	507000	2535.0	CP-OFDM QPSK	106@0	0.0040	PASS	20°C
7	15	20	507000	2535.0	CP-OFDM QPSK	106@0	0.0049	PASS	30°C
7	15	20	507000	2535.0	CP-OFDM QPSK	106@0	0.0049	PASS	40°C
7	15	20	507000	2535.0	CP-OFDM QPSK	106@0	0.0047	PASS	50°C

Peak to Average Ratio

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result (dB)	Limit (dB)	Verdict
7	15	20	507000	2535.0	CP-OFDM QPSK	106@0	6.69	13	PASS

N7(20M)_CP-OFDM_QPSK_Outer_Full_Mid_CH

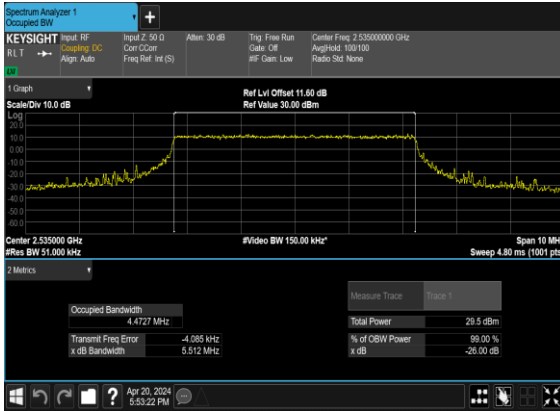


Occupied Bandwidth

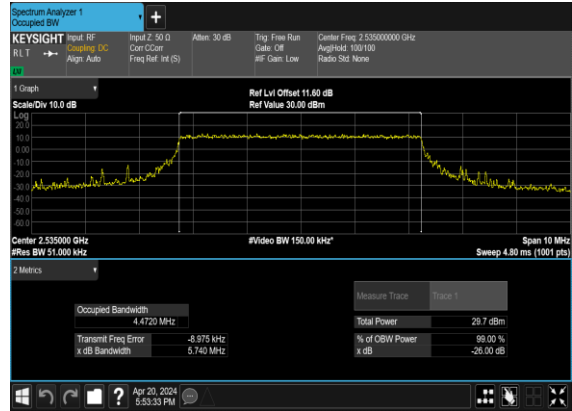
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	OBW (MHz)	26dB BW (MHz)
7	15	5	507000	2535.0	CP-OFDM QPSK	25@0	4.4727	5.512
7	15	5	507000	2535.0	CP-OFDM 16 QAM	25@0	4.472	5.74
7	15	5	507000	2535.0	CP-OFDM 64 QAM	25@0	4.473	5.419
7	15	5	507000	2535.0	CP-OFDM 256 QAM	25@0	4.4713	5.06
7	15	10	507000	2535.0	CP-OFDM QPSK	52@0	9.2822	10.06
7	15	10	507000	2535.0	CP-OFDM 16 QAM	52@0	9.2854	10.13
7	15	10	507000	2535.0	CP-OFDM 64 QAM	52@0	9.2774	10.02
7	15	10	507000	2535.0	CP-OFDM 256 QAM	52@0	9.2815	9.998
7	15	15	507000	2535.0	CP-OFDM QPSK	79@0	14.086	14.95
7	15	15	507000	2535.0	CP-OFDM 16 QAM	79@0	14.113	15.24
7	15	15	507000	2535.0	CP-OFDM 64 QAM	79@0	14.142	15.24
7	15	15	507000	2535.0	CP-OFDM 256 QAM	79@0	14.106	15.08
7	15	20	507000	2535.0	CP-OFDM QPSK	106@0	18.942	20.03
7	15	20	507000	2535.0	CP-OFDM 16 QAM	106@0	18.902	19.88
7	15	20	507000	2535.0	CP-OFDM 64 QAM	106@0	18.918	20.66
7	15	20	507000	2535.0	CP-OFDM 256 QAM	106@0	18.917	19.88
7	15	25	507000	2535.0	CP-OFDM QPSK	133@0	23.66	24.91
7	15	25	507000	2535.0	CP-OFDM 16 QAM	133@0	23.719	25.32
7	15	25	507000	2535.0	CP-OFDM 64 QAM	133@0	23.805	24.9
7	15	25	507000	2535.0	CP-OFDM 256 QAM	133@0	23.758	24.81
7	15	30	507000	2535.0	CP-OFDM QPSK	160@0	28.582	29.64
7	15	30	507000	2535.0	CP-OFDM 16 QAM	160@0	28.587	29.66
7	15	30	507000	2535.0	CP-OFDM 64 QAM	160@0	28.55	29.69
7	15	30	507000	2535.0	CP-OFDM 256 QAM	160@0	28.571	29.68
7	15	40	507000	2535.0	CP-OFDM QPSK	216@0	38.687	40.05

7	15	40	507000	2535.0	CP-OFDM 16 QAM	216@0	38.575	39.9
7	15	40	507000	2535.0	CP-OFDM 64 QAM	216@0	38.624	40.02
7	15	40	507000	2535.0	CP-OFDM 256 QAM	216@0	38.585	40.11

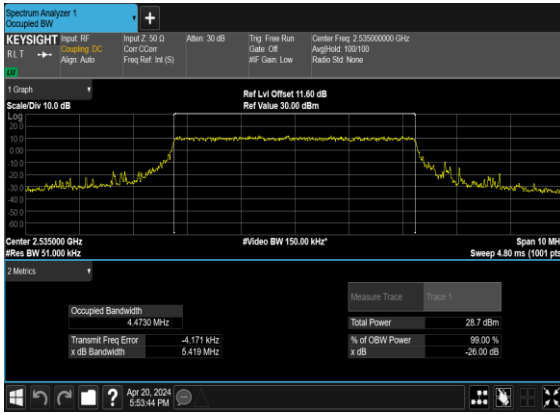
N7(5M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



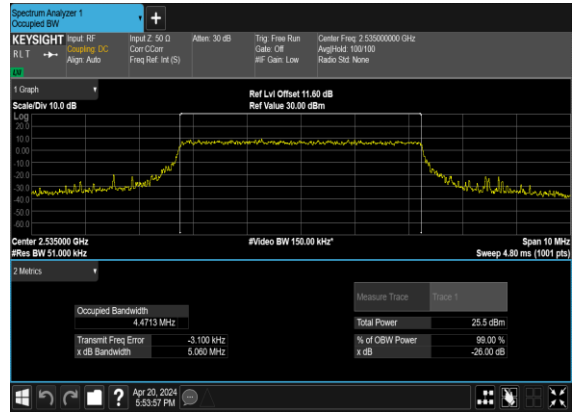
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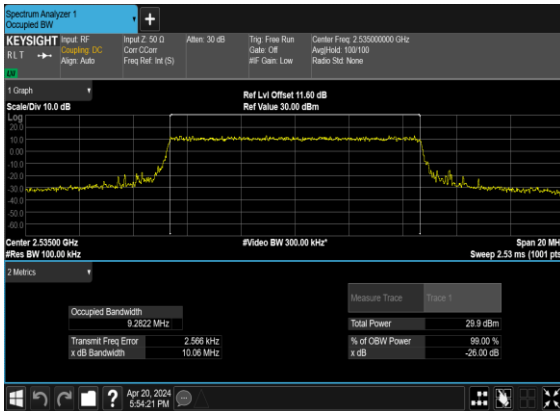
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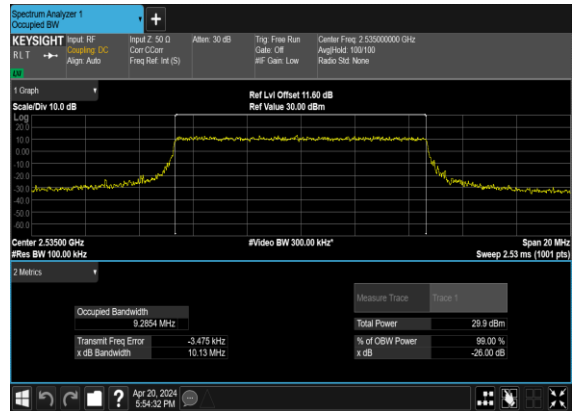
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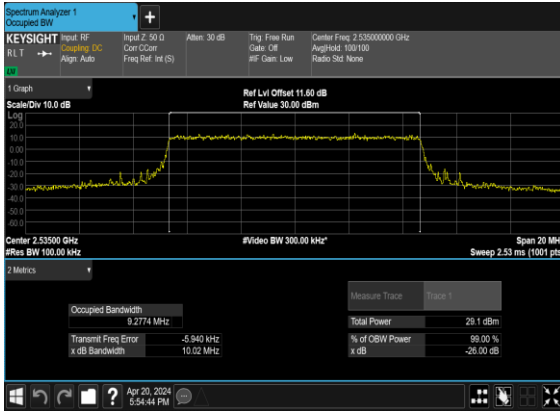
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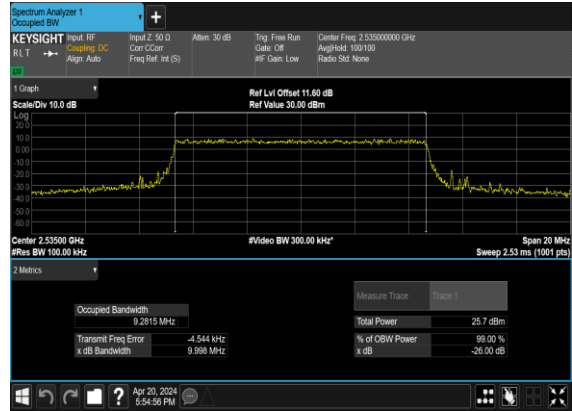
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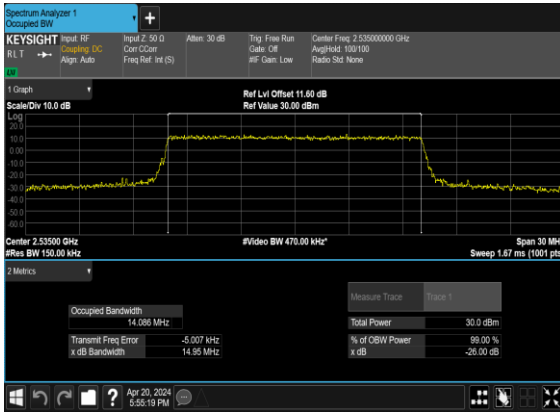
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N7(10M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH



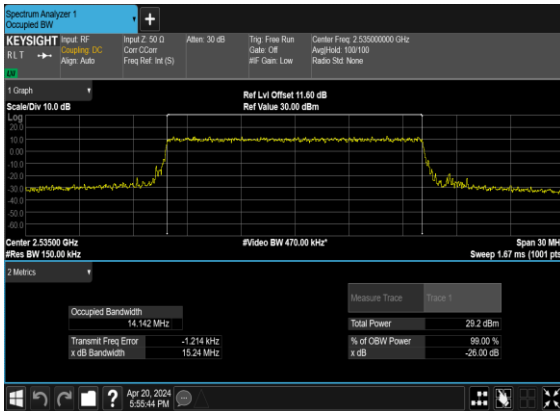
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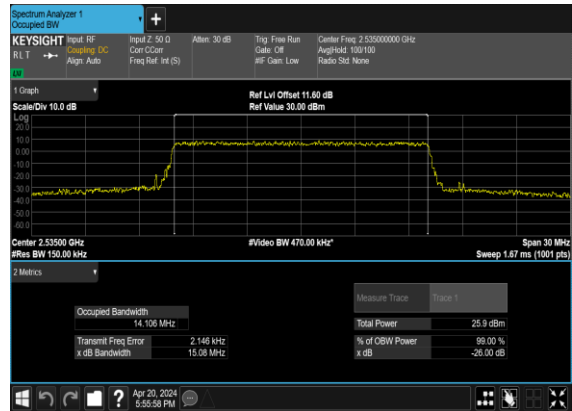
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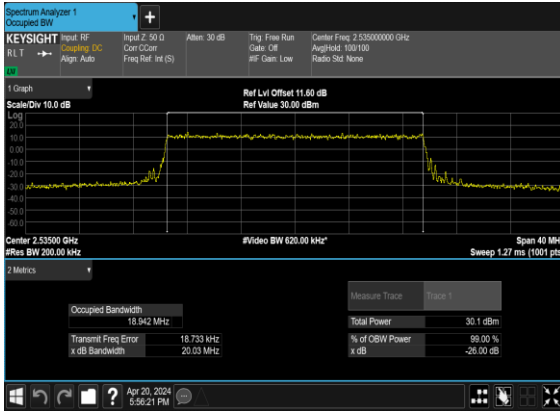
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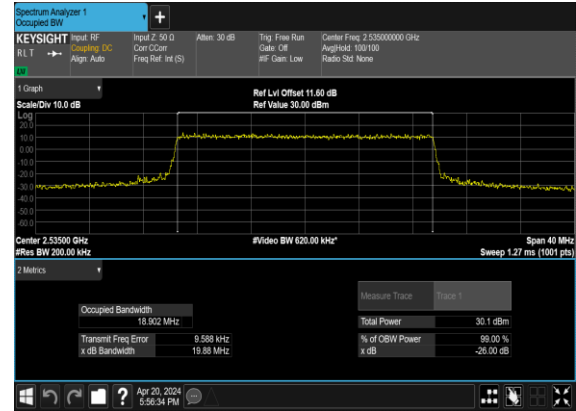
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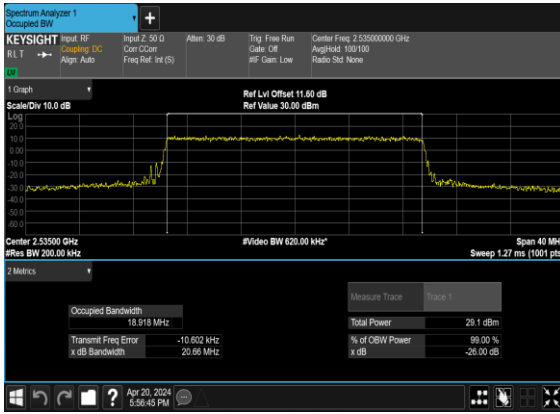
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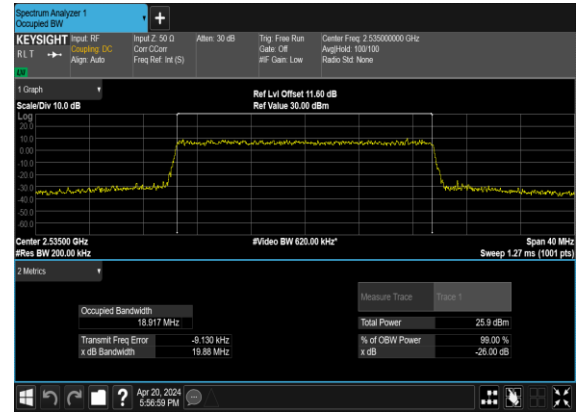
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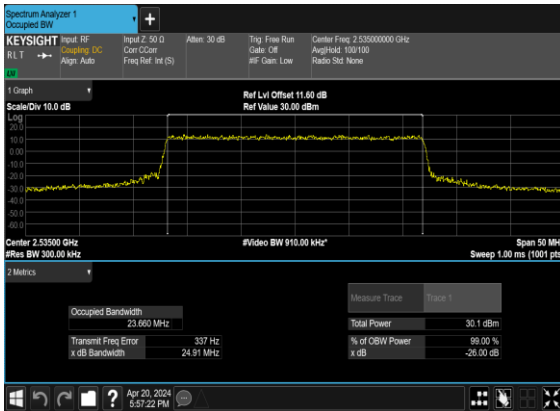
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N7(20M)_CP-OFDM_256QAM_Outer_Full_Mid_CH



N7(25M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



N7(25M)_CP-OFDM_16QAM_Outer_Full_Mid_CH

