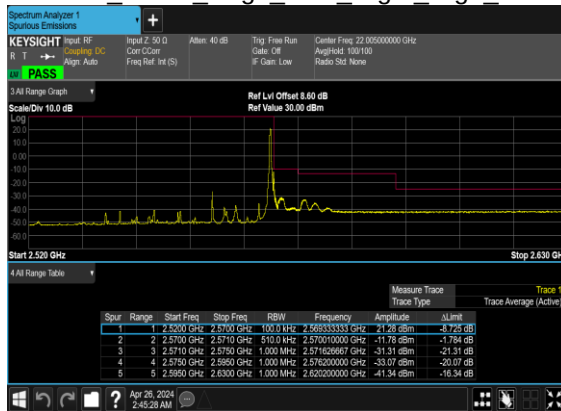
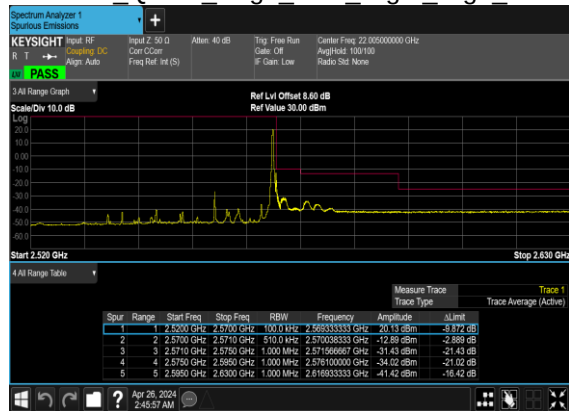


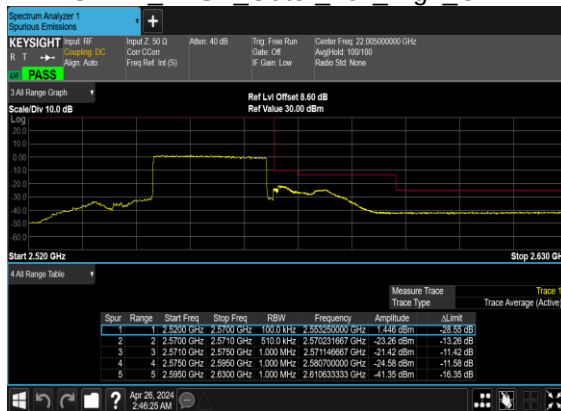
N7(25M)_DFT-s-OFDM BPSK Edge 1RB Right High CH



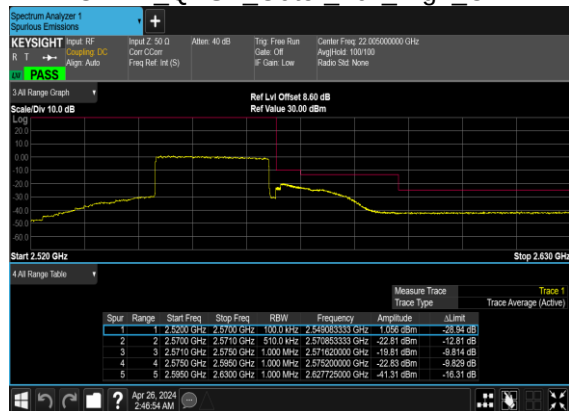
N7(25M)_DFT-s-OFDM QPSK Edge 1RB Right High CH



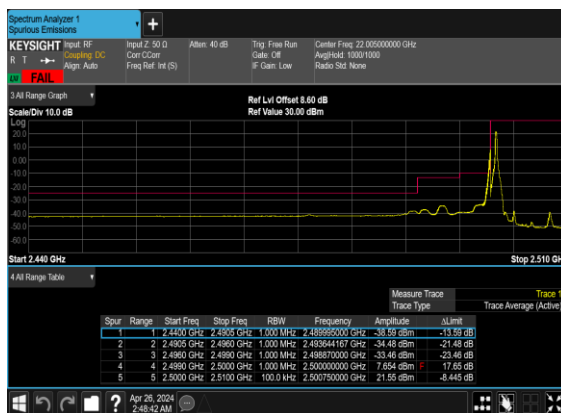
N7(25M)_DFT-s-OFDM BPSK Outer Full High CH



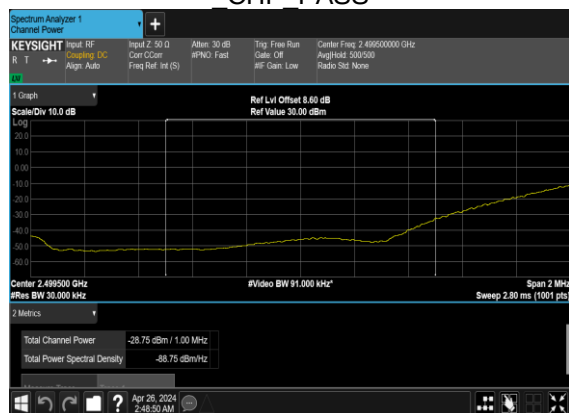
N7(25M)_DFT-s-OFDM QPSK Outer Full High CH



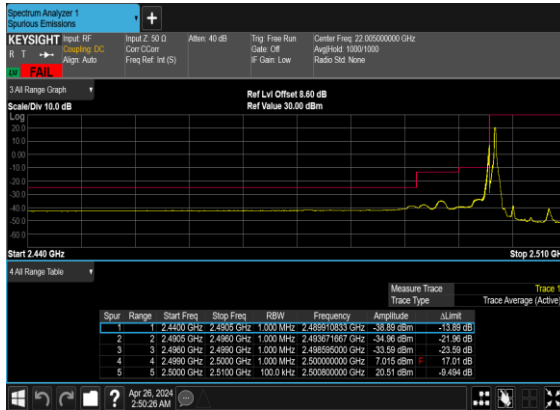
N7(50M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



N7(50M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH CHP PASS



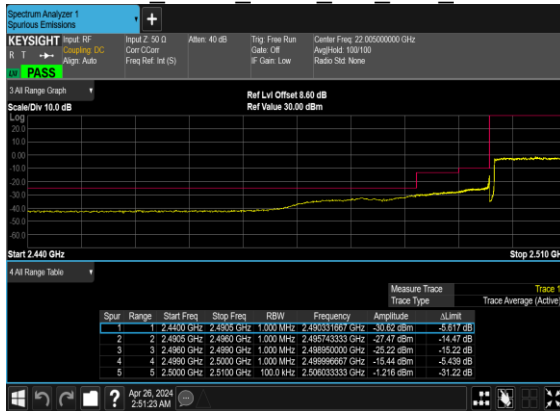
N7(50M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH



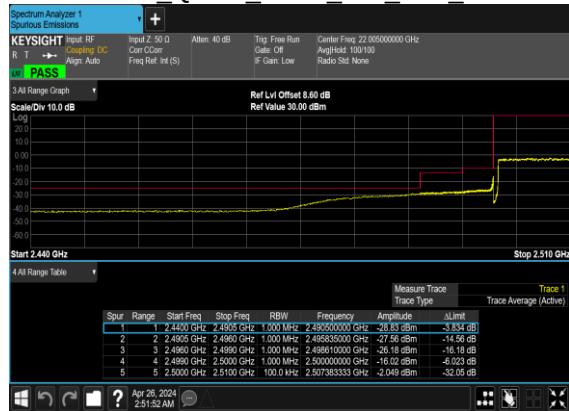
N7(50M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH
CHP_PASS



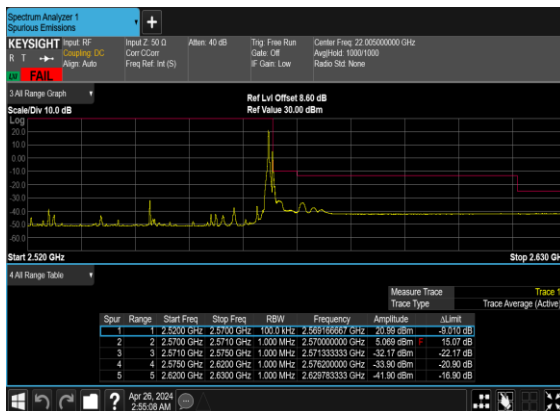
N7(50M)_DFT-s-
OFDM_BPSK_Outer_Full_Low_CH



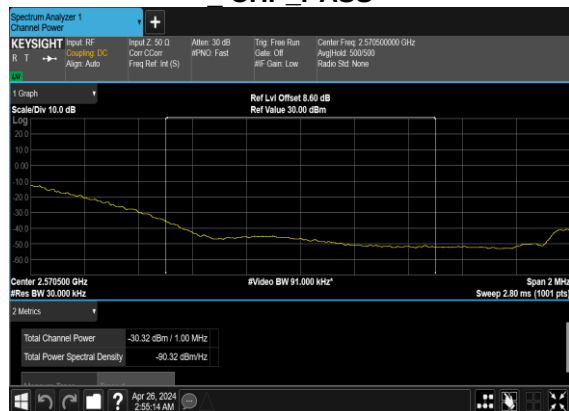
N7(50M)_DFT-s-
OFDM_QPSK_Outer_Full_Low_CH



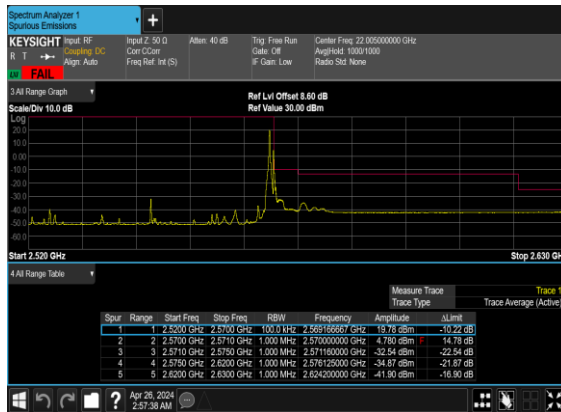
N7(50M)_DFT-s-
OFDM_BPSK_Edge_1RB_Right_High_CH



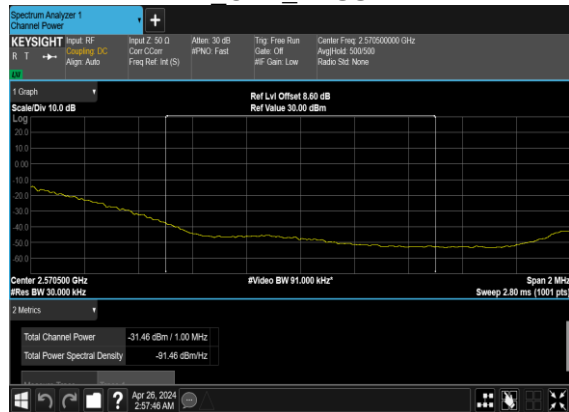
N7(50M)_DFT-s-
OFDM_BPSK_Edge_1RB_Right_High_CH
CHP_PASS



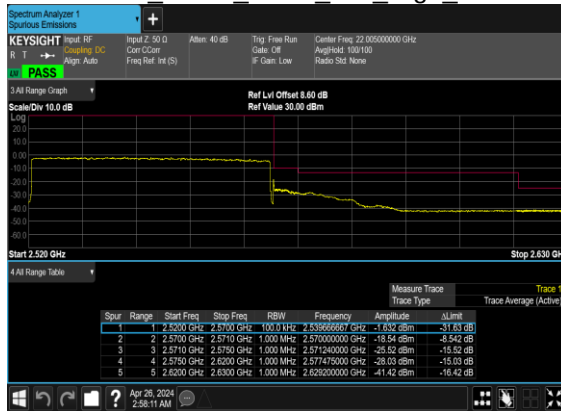
N7(50M)_DFT-s- OFDM_QPSK_Edge_1RB_Right_High_CH



N7(50M)_DFT-s- OFDM_QPSK_Edge_1RB_Right_High_CH CHP_PASS



N7(50M)_DFT-s- OFDM_BPSK_Outer_Full_High_CH



N7(50M)_DFT-s- OFDM_QPSK_Outer_Full_High_CH



FR1 N38(ANT3) – SCS 15k

Transmitter Conducted Output Power and EIRP, ($G_T - L_C$)=-0.5dB

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Conducted Power(dBm)	EIRP (dBm)	EIRP (W)
38	15	5	514500	2572.5	DFT-s-OFDM QPSK	1@1	23.45	22.95	0.1972
38	15	5	514500	2572.5	DFT-s-OFDM 16 QAM	1@1	22.49	21.99	0.1581
38	15	5	518500	2592.5	DFT-s-OFDM QPSK	1@1	23.5	23	0.1995
38	15	5	518500	2592.5	DFT-s-OFDM 16 QAM	1@1	22.62	22.12	0.1629
38	15	5	523500	2617.5	DFT-s-OFDM QPSK	1@1	23.54	23.04	0.2014
38	15	5	523500	2617.5	DFT-s-OFDM 16 QAM	1@1	22.63	22.13	0.1633
38	15	10	515000	2575	DFT-s-OFDM QPSK	1@1	23.25	22.75	0.1884
38	15	10	515000	2575	DFT-s-OFDM 16 QAM	1@1	22.32	21.82	0.1521
38	15	10	519000	2595	DFT-s-OFDM QPSK	1@1	23.2	22.7	0.1862
38	15	10	519000	2595	DFT-s-OFDM 16 QAM	1@1	22.29	21.79	0.1510
38	15	10	523000	2615	DFT-s-OFDM QPSK	1@1	23.27	22.77	0.1892
38	15	10	523000	2615	DFT-s-OFDM 16 QAM	1@1	22.29	21.79	0.1510
38	15	15	515500	2577.5	DFT-s-OFDM QPSK	1@1	23.3	22.8	0.1905
38	15	15	515500	2577.5	DFT-s-OFDM 16 QAM	1@1	22.38	21.88	0.1542
38	15	15	519000	2595	DFT-s-OFDM QPSK	1@1	23.18	22.68	0.1854
38	15	15	519000	2595	DFT-s-OFDM 16 QAM	1@1	22.25	21.75	0.1496
38	15	15	522500	2612.5	DFT-s-OFDM QPSK	1@1	23.19	22.69	0.1858
38	15	15	522500	2612.5	DFT-s-OFDM 16 QAM	1@1	22.26	21.76	0.1500
38	15	20	516000	2580	DFT-s-OFDM QPSK	1@1	23.29	22.79	0.1901
38	15	20	516000	2580	DFT-s-OFDM 16 QAM	1@1	22.4	21.9	0.1549
38	15	20	519000	2595	DFT-s-OFDM QPSK	1@1	23.29	22.79	0.1901
38	15	20	519000	2595	DFT-s-OFDM 16 QAM	1@1	22.43	21.93	0.1560
38	15	20	522000	2610	DFT-s-OFDM QPSK	1@1	23.16	22.66	0.1845
38	15	20	522000	2610	DFT-s-OFDM 16 QAM	1@1	22.26	21.76	0.1500
38	15	25	516500	2582.5	DFT-s-OFDM QPSK	1@1	23.11	22.61	0.1824
38	15	25	516500	2582.5	DFT-s-OFDM 16 QAM	1@1	22.11	21.61	0.1449
38	15	25	519000	2595	DFT-s-OFDM QPSK	1@1	23.32	22.82	0.1914
38	15	25	519000	2595	DFT-s-OFDM 16 QAM	1@1	22.15	21.65	0.1462
38	15	25	521500	2607.5	DFT-s-OFDM	1@1	23.22	22.72	0.1871

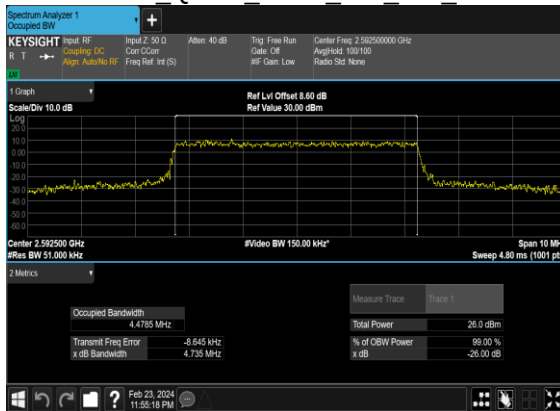
QPSK									
38	15	25	521500	2607.5	DFT-s-OFDM 16 QAM	1@1	22.08	21.58	0.1439
38	15	30	517000	2585	DFT-s-OFDM QPSK	1@1	23.25	22.75	0.1884
38	15	30	517000	2585	DFT-s-OFDM 16 QAM	1@1	22.1	21.6	0.1445
38	15	30	519000	2595	DFT-s-OFDM QPSK	1@1	23.37	22.87	0.1936
38	15	30	519000	2595	DFT-s-OFDM 16 QAM	1@1	22.22	21.72	0.1486
38	15	30	521000	2605	DFT-s-OFDM QPSK	1@1	23.12	22.62	0.1828
38	15	30	521000	2605	DFT-s-OFDM 16 QAM	1@1	22.04	21.54	0.1426
38	15	40	518000	2590	DFT-s-OFDM PI/2 BPSK	108@54	23.33	22.83	0.1919
38	15	40	518000	2590	DFT-s-OFDM PI/2 BPSK	1@1	23.31	22.81	0.1910
38	15	40	518000	2590	DFT-s-OFDM PI/2 BPSK	1@214	23.44	22.94	0.1968
38	15	40	518000	2590	DFT-s-OFDM QPSK	108@54	23.38	22.88	0.1941
38	15	40	518000	2590	DFT-s-OFDM QPSK	1@1	23.32	22.82	0.1914
38	15	40	518000	2590	DFT-s-OFDM QPSK	1@214	23.45	22.95	0.1972
38	15	40	518000	2590	DFT-s-OFDM 16 QAM	108@54	22.76	22.26	0.1683
38	15	40	518000	2590	DFT-s-OFDM 16 QAM	1@1	22.85	22.35	0.1718
38	15	40	518000	2590	DFT-s-OFDM 16 QAM	1@214	22.95	22.45	0.1758
38	15	40	518000	2590	DFT-s-OFDM 64 QAM	108@54	21.25	20.75	0.1189
38	15	40	518000	2590	DFT-s-OFDM 64 QAM	1@1	21.45	20.95	0.1245
38	15	40	518000	2590	DFT-s-OFDM 64 QAM	1@214	21.46	20.96	0.1247
38	15	40	518000	2590	DFT-s-OFDM 256 QAM	108@54	19.24	18.74	0.0748
38	15	40	518000	2590	DFT-s-OFDM 256 QAM	1@1	19.33	18.83	0.0764
38	15	40	518000	2590	DFT-s-OFDM 256 QAM	1@214	19.45	18.95	0.0785
38	15	40	518000	2590	CP-OFDM QPSK	108@54	22.24	21.74	0.1493
38	15	40	518000	2590	CP-OFDM QPSK	1@1	22.89	22.39	0.1734
38	15	40	518000	2590	CP-OFDM QPSK	1@214	22.96	22.46	0.1762
38	15	40	519000	2595	DFT-s-OFDM PI/2 BPSK	108@54	23.36	22.86	0.1932
38	15	40	519000	2595	DFT-s-OFDM PI/2 BPSK	1@1	23.33	22.83	0.1919
38	15	40	519000	2595	DFT-s-OFDM PI/2 BPSK	1@214	23.5	23	0.1995
38	15	40	519000	2595	DFT-s-OFDM QPSK	108@54	23.41	22.91	0.1954
38	15	40	519000	2595	DFT-s-OFDM QPSK	1@1	23.31	22.81	0.1910
38	15	40	519000	2595	DFT-s-OFDM QPSK	1@214	23.49	22.99	0.1991
38	15	40	519000	2595	DFT-s-OFDM 16 QAM	108@54	22.75	22.25	0.1679
38	15	40	519000	2595	DFT-s-OFDM 16 QAM	1@1	22.89	22.39	0.1734
38	15	40	519000	2595	DFT-s-OFDM 16 QAM	1@214	22.84	22.34	0.1714

38	15	40	519000	2595	DFT-s-OFDM 64 QAM	108@54	21.24	20.74	0.1186
38	15	40	519000	2595	DFT-s-OFDM 64 QAM	1@1	21.45	20.95	0.1245
38	15	40	519000	2595	DFT-s-OFDM 64 QAM	1@214	21.36	20.86	0.1219
38	15	40	519000	2595	DFT-s-OFDM 256 QAM	108@54	19.28	18.78	0.0755
38	15	40	519000	2595	DFT-s-OFDM 256 QAM	1@1	19.36	18.86	0.0769
38	15	40	519000	2595	DFT-s-OFDM 256 QAM	1@214	19.38	18.88	0.0773
38	15	40	519000	2595	CP-OFDM QPSK	108@54	22.25	21.75	0.1496
38	15	40	519000	2595	CP-OFDM QPSK	1@1	22.26	21.76	0.1500
38	15	40	519000	2595	CP-OFDM QPSK	1@214	22.31	21.81	0.1517
38	15	40	520000	2600	DFT-s-OFDM PI/2 BPSK	108@54	23.36	22.86	0.1932
38	15	40	520000	2600	DFT-s-OFDM PI/2 BPSK	1@1	23.32	22.82	0.1914
38	15	40	520000	2600	DFT-s-OFDM PI/2 BPSK	1@214	23.57	23.07	0.2028
38	15	40	520000	2600	DFT-s-OFDM QPSK	108@54	23.39	22.89	0.1945
38	15	40	520000	2600	DFT-s-OFDM QPSK	1@1	23.27	22.77	0.1892
38	15	40	520000	2600	DFT-s-OFDM QPSK	1@214	23.56	23.06	0.2023
38	15	40	520000	2600	DFT-s-OFDM 16 QAM	108@54	22.77	22.27	0.1687
38	15	40	520000	2600	DFT-s-OFDM 16 QAM	1@1	22.84	22.34	0.1714
38	15	40	520000	2600	DFT-s-OFDM 16 QAM	1@214	22.99	22.49	0.1774
38	15	40	520000	2600	DFT-s-OFDM 64 QAM	108@54	21.27	20.77	0.1194
38	15	40	520000	2600	DFT-s-OFDM 64 QAM	1@1	21.44	20.94	0.1242
38	15	40	520000	2600	DFT-s-OFDM 64 QAM	1@214	21.47	20.97	0.1250
38	15	40	520000	2600	DFT-s-OFDM 256 QAM	108@54	19.3	18.8	0.0759
38	15	40	520000	2600	DFT-s-OFDM 256 QAM	1@1	19.32	18.82	0.0762
38	15	40	520000	2600	DFT-s-OFDM 256 QAM	1@214	19.47	18.97	0.0789
38	15	40	520000	2600	CP-OFDM QPSK	108@54	22.27	21.77	0.1503
38	15	40	520000	2600	CP-OFDM QPSK	1@1	22.25	21.75	0.1496
38	15	40	520000	2600	CP-OFDM QPSK	1@214	22.44	21.94	0.1563

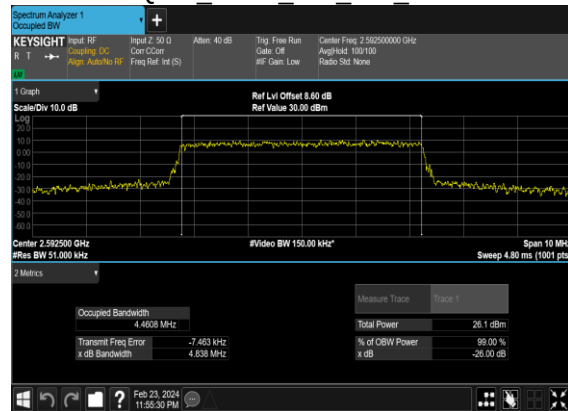
Occupied Bandwidth

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	OBW (MHz)	26dB BW (MHz)
38	15	5	518500	2592.5	CP-OFDM QPSK	25@0	4.4785	4.735
38	15	5	518500	2592.5	CP-OFDM 16 QAM	25@0	4.4608	4.838
38	15	5	518500	2592.5	CP-OFDM 64 QAM	25@0	4.4594	4.723
38	15	5	518500	2592.5	CP-OFDM 256 QAM	25@0	4.4643	4.745
38	15	25	519000	2595.0	CP-OFDM QPSK	133@0	23.735	24.58
38	15	25	519000	2595.0	CP-OFDM 16 QAM	133@0	23.816	24.59
38	15	25	519000	2595.0	CP-OFDM 64 QAM	133@0	23.701	24.6
38	15	25	519000	2595.0	CP-OFDM 256 QAM	133@0	23.715	24.64

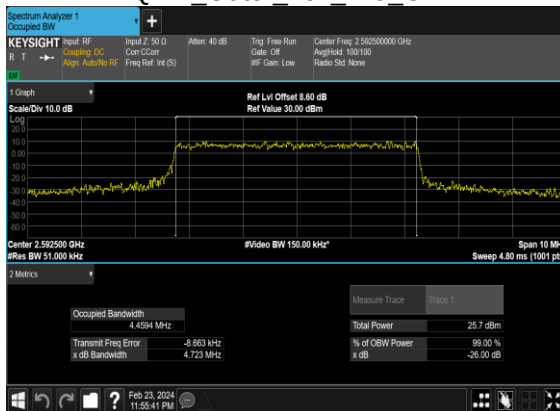
N38(5M)_CP-
OFDM_QPSK Outer Full Mid CH



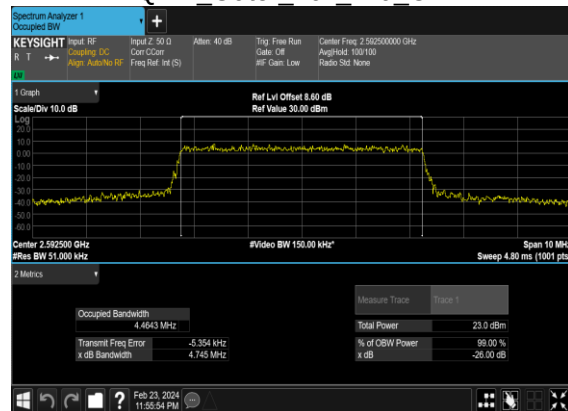
N38(5M)_CP-OFDM_16
QAM Outer Full Mid CH



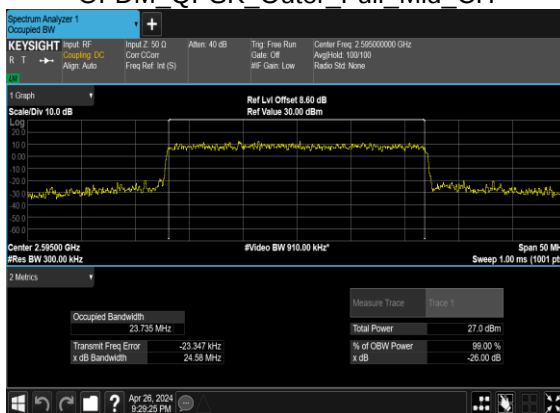
N38(5M)_CP-OFDM_64
QAM Outer Full Mid CH



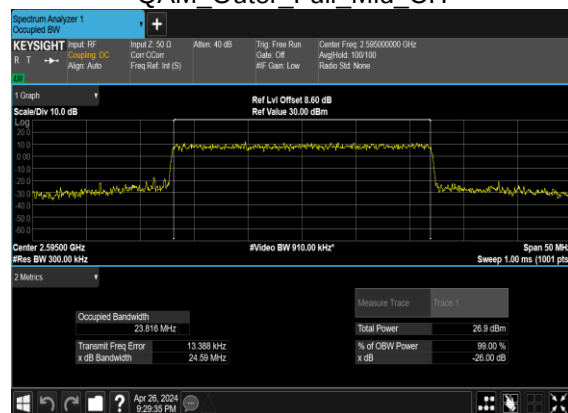
N38(5M)_CP-OFDM_256
QAM Outer Full Mid CH



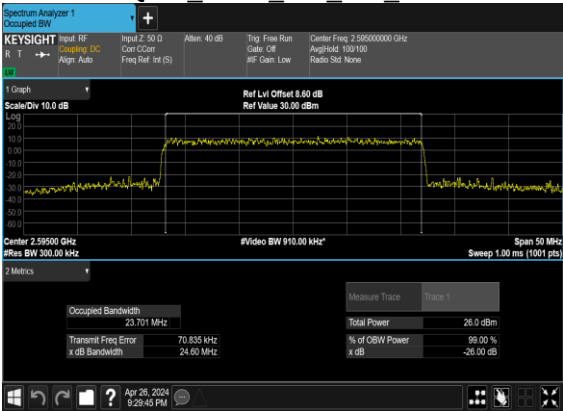
N38(25M)_CP-
OFDM_QPSK Outer Full Mid CH



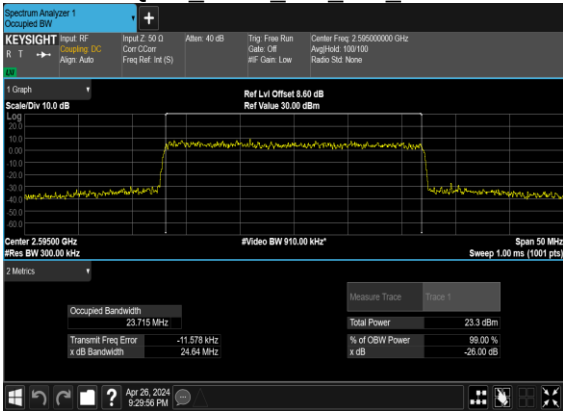
N38(25M)_CP-OFDM_16
QAM Outer Full Mid CH



N38(25M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH



N38(25M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH



Conducted Spurious Emissions

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
38	15	5	514500	2572.5	DFT-s-OFDM BPSK	1@0	see graph	---
38	15	5	514500	2572.5	DFT-s-OFDM BPSK	1@0	see graph	PASS
38	15	5	514500	2572.5	DFT-s-OFDM BPSK	1@0	see graph	PASS
38	15	5	514500	2572.5	DFT-s-OFDM QPSK	1@0	see graph	---
38	15	5	514500	2572.5	DFT-s-OFDM QPSK	1@0	see graph	PASS
38	15	5	514500	2572.5	DFT-s-OFDM QPSK	1@0	see graph	PASS
38	15	5	518500	2592.5	DFT-s-OFDM BPSK	1@0	see graph	---
38	15	5	518500	2592.5	DFT-s-OFDM BPSK	1@0	see graph	PASS
38	15	5	518500	2592.5	DFT-s-OFDM BPSK	1@0	see graph	PASS
38	15	5	518500	2592.5	DFT-s-OFDM QPSK	1@0	see graph	---
38	15	5	518500	2592.5	DFT-s-OFDM QPSK	1@0	see graph	PASS
38	15	5	518500	2592.5	DFT-s-OFDM QPSK	1@0	see graph	PASS
38	15	5	523500	2617.5	DFT-s-OFDM BPSK	1@0	see graph	---
38	15	5	523500	2617.5	DFT-s-OFDM BPSK	1@0	see graph	PASS
38	15	5	523500	2617.5	DFT-s-OFDM BPSK	1@0	see graph	PASS
38	15	5	523500	2617.5	DFT-s-OFDM QPSK	1@0	see graph	---
38	15	5	523500	2617.5	DFT-s-OFDM QPSK	1@0	see graph	PASS
38	15	5	523500	2617.5	DFT-s-OFDM QPSK	1@0	see graph	PASS
38	15	25	516500	2582.5	DFT-s-OFDM BPSK	1@0	see graph	---
38	15	25	516500	2582.5	DFT-s-OFDM BPSK	1@0	see graph	PASS
38	15	25	516500	2582.5	DFT-s-OFDM BPSK	1@0	see graph	PASS
38	15	25	516500	2582.5	DFT-s-OFDM QPSK	1@0	see graph	---

38	15	25	516500	2582.5	DFT-s-OFDM QPSK	1@0	see graph	PASS
38	15	25	516500	2582.5	DFT-s-OFDM QPSK	1@0	see graph	PASS
38	15	25	519000	2595.0	DFT-s-OFDM BPSK	1@0	see graph	---
38	15	25	519000	2595.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
38	15	25	519000	2595.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
38	15	25	519000	2595.0	DFT-s-OFDM QPSK	1@0	see graph	---
38	15	25	519000	2595.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
38	15	25	519000	2595.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
38	15	25	521500	2607.5	DFT-s-OFDM BPSK	1@0	see graph	---
38	15	25	521500	2607.5	DFT-s-OFDM BPSK	1@0	see graph	PASS
38	15	25	521500	2607.5	DFT-s-OFDM BPSK	1@0	see graph	PASS
38	15	25	521500	2607.5	DFT-s-OFDM QPSK	1@0	see graph	---
38	15	25	521500	2607.5	DFT-s-OFDM QPSK	1@0	see graph	PASS
38	15	25	521500	2607.5	DFT-s-OFDM QPSK	1@0	see graph	PASS

N38(5M)_DFT-s-
OFDM BPSK Edge 1RB Left Low CH



N38(5M)_DFT-s-
OFDM BPSK Edge 1RB Left Low CH



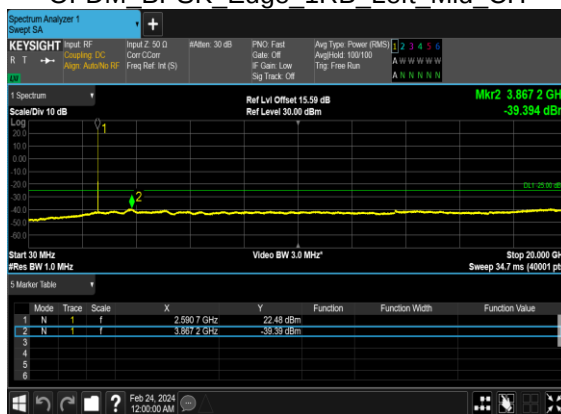
N38(5M)_DFT-s-
OFDM QPSK Edge 1RB Left Low CH



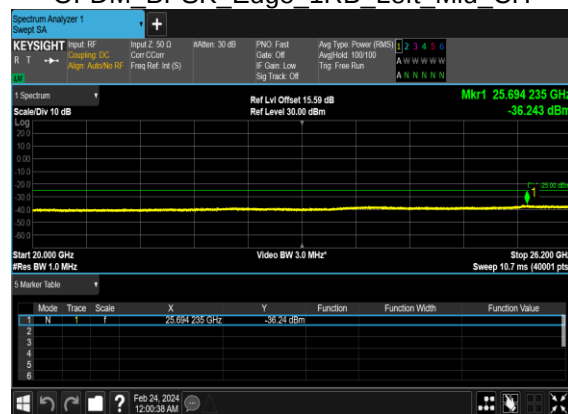
N38(5M)_DFT-s-
OFDM QPSK Edge 1RB Left Low CH



N38(5M)_DFT-s-
OFDM BPSK Edge 1RB Left Mid CH



N38(5M)_DFT-s-
OFDM BPSK Edge 1RB Left Mid CH



N38(5M)_DFT-s-OFDM QPSK Edge 1RB Left Mid CH



N38(5M)_DFT-s-OFDM QPSK Edge 1RB Left Mid CH



N38(5M)_DFT-s-OFDM BPSK Edge 1RB Left High CH



N38(5M)_DFT-s-OFDM BPSK Edge 1RB Left High CH



N38(5M)_DFT-s-OFDM QPSK Edge 1RB Left High CH



N38(5M)_DFT-s-OFDM QPSK Edge 1RB Left High CH



N38(25M)_DFT-s-
OFDM BPSK Edge 1RB Left Low CH



N38(25M)_DFT-s-
OFDM BPSK Edge 1RB Left Low CH



N38(25M)_DFT-s-
OFDM QPSK Edge 1RB Left Low CH



N38(25M)_DFT-s-
OFDM QPSK Edge 1RB Left Low CH



N38(25M)_DFT-s-
OFDM BPSK Edge 1RB Left Mid CH



N38(25M)_DFT-s-
OFDM BPSK Edge 1RB Left Mid CH



N38(25M)_DFT-s-OFDM QPSK Edge 1RB Left Mid CH



N38(25M)_DFT-s-OFDM QPSK Edge 1RB Left Mid CH



N38(25M)_DFT-s-OFDM BPSK Edge 1RB Left High CH



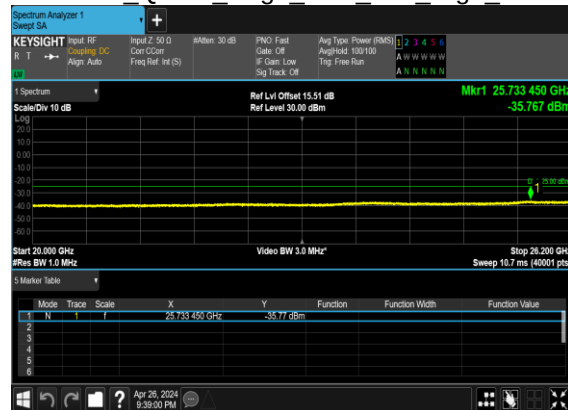
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N38(25M)_DFT-s-OFDM QPSK Edge 1RB Left High CH



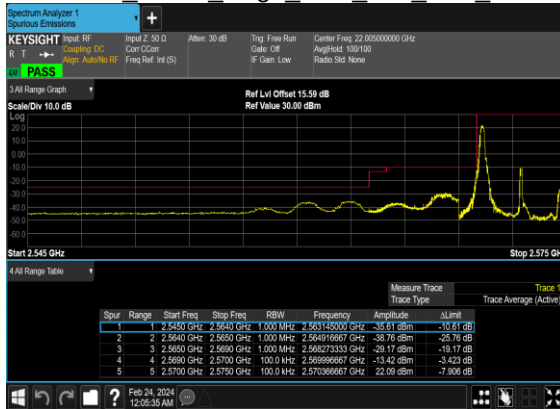
N38(25M)_DFT-s-OFDM QPSK Edge 1RB Left High CH



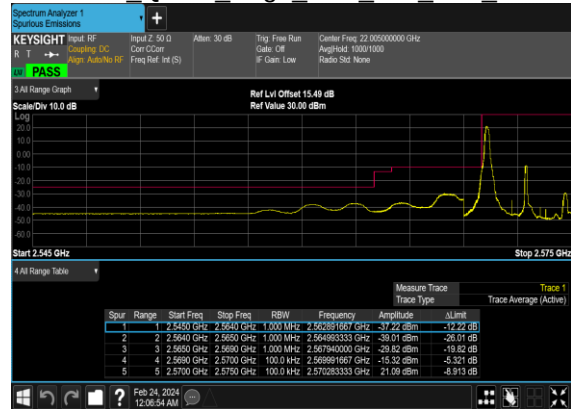
Conducted Band Edge

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
38	15	5	514500	2572.5	DFT-s-OFDM BPSK	1@0	see graph	PASS
38	15	5	514500	2572.5	DFT-s-OFDM QPSK	1@0	see graph	PASS
38	15	5	514500	2572.5	DFT-s-OFDM BPSK	25@0	see graph	PASS
38	15	5	514500	2572.5	DFT-s-OFDM QPSK	25@0	see graph	PASS
38	15	5	523500	2617.5	DFT-s-OFDM BPSK	1@24	see graph	PASS
38	15	5	523500	2617.5	DFT-s-OFDM QPSK	1@24	see graph	PASS
38	15	5	523500	2617.5	DFT-s-OFDM BPSK	25@0	see graph	PASS
38	15	5	523500	2617.5	DFT-s-OFDM QPSK	25@0	see graph	PASS
38	15	25	516500	2582.5	DFT-s-OFDM BPSK	1@0	see graph	PASS
38	15	25	516500	2582.5	DFT-s-OFDM QPSK	1@0	see graph	PASS
38	15	25	516500	2582.5	DFT-s-OFDM BPSK	128@0	see graph	PASS
38	15	25	516500	2582.5	DFT-s-OFDM QPSK	128@0	see graph	PASS
38	15	25	521500	2607.5	DFT-s-OFDM BPSK	1@132	see graph	PASS
38	15	25	521500	2607.5	DFT-s-OFDM QPSK	1@132	see graph	PASS
38	15	25	521500	2607.5	DFT-s-OFDM BPSK	128@0	see graph	PASS
38	15	25	521500	2607.5	DFT-s-OFDM QPSK	128@0	see graph	PASS

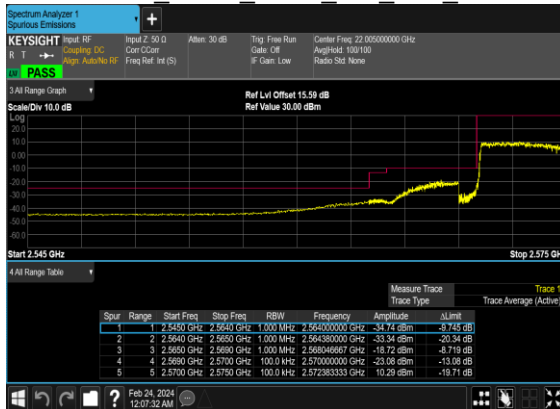
N38(5M)_DFT-s-OFDM BPSK Edge 1RB Left Low CH



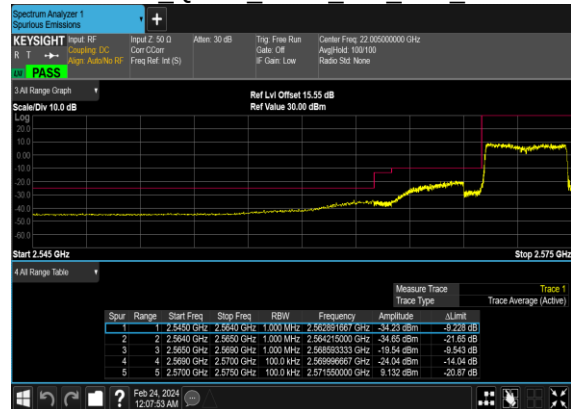
N38(5M)_DFT-s-OFDM QPSK Edge 1RB Left Low CH



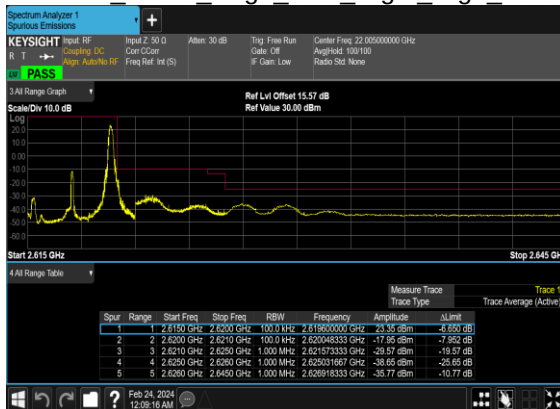
N38(5M)_DFT-s-OFDM BPSK Outer Full Low CH



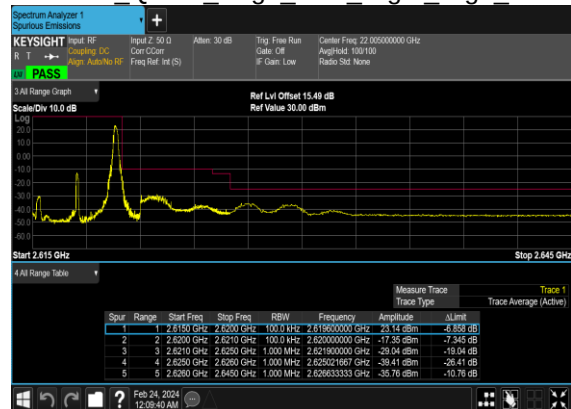
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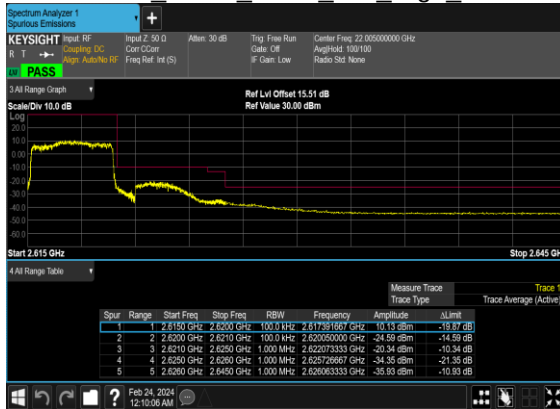
N38(5M)_DFT-s-OFDM BPSK Edge 1RB Right High CH



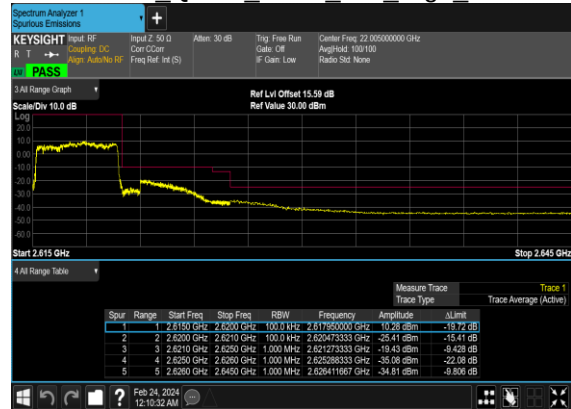
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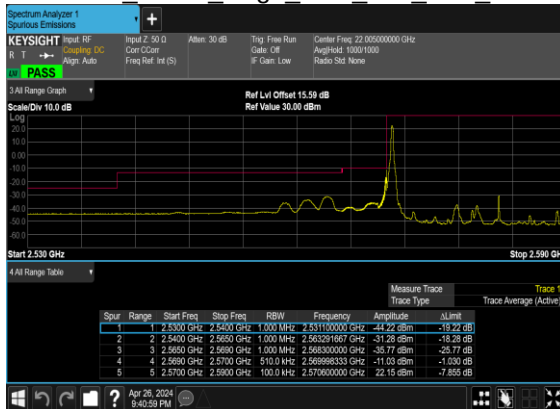
N38(5M)_DFT-s-OFDM BPSK Outer Full High CH



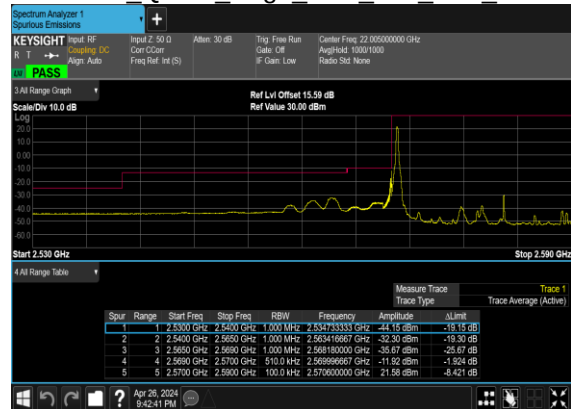
N38(5M)_DFT-s-OFDM QPSK Outer Full High CH



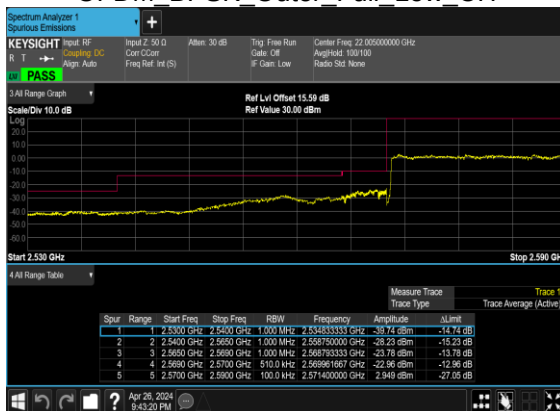
N38(25M)_DFT-s-OFDM BPSK Edge 1RB Left Low CH



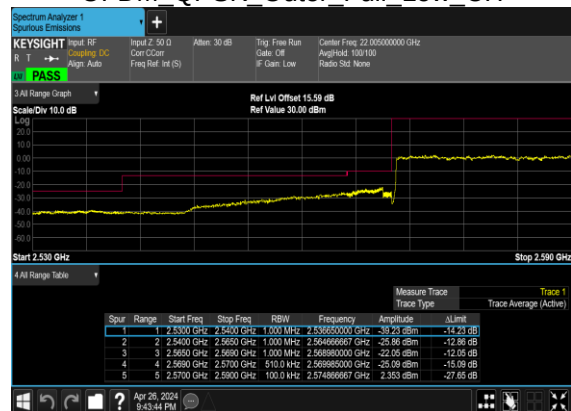
N38(25M)_DFT-s-OFDM QPSK Edge 1RB Left Low CH



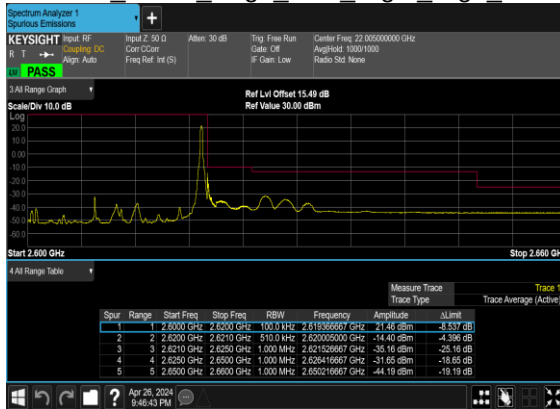
N38(25M)_DFT-s-OFDM BPSK Outer Full Low CH



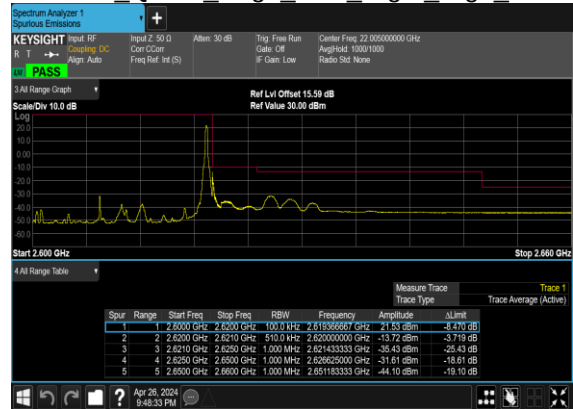
N38(25M)_DFT-s-OFDM QPSK Outer Full Low CH



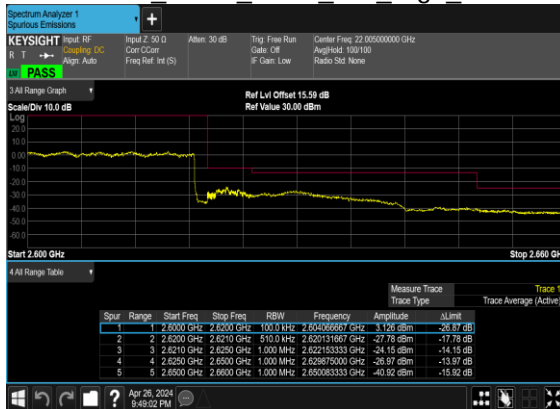
N38(25M)_DFT-s- OFDM_BPSK Edge_1RB Right High CH



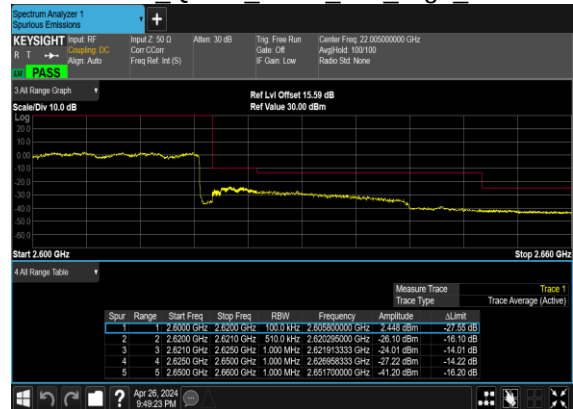
N38(25M)_DFT-s- OFDM_QPSK Edge_1RB Right High CH



N38(25M)_DFT-s- OFDM_BPSK Outer Full High CH



N38(25M)_DFT-s- OFDM_QPSK Outer Full High CH



FR1 N41 (ANT3) – SCS 15k

Transmitter Conducted Output Power and EIRP, ($G_T - L_C$)=-0.5dB

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Conducted Power(dBm)	EIRP (dBm)	EIRP (W)
41	15	10	500202	2501.01	DFT-s-OFDM QPSK	1@1	26.15	25.65	0.3673
41	15	10	500202	2501.01	DFT-s-OFDM 16 QAM	1@1	24.94	24.44	0.2780
41	15	10	518601	2593.005	DFT-s-OFDM QPSK	1@1	26.52	26.02	0.3999
41	15	10	518601	2593.005	DFT-s-OFDM 16 QAM	1@1	25.17	24.67	0.2931
41	15	10	537000	2685	DFT-s-OFDM QPSK	1@1	26.72	26.22	0.4188
41	15	10	537000	2685	DFT-s-OFDM 16 QAM	1@1	25.28	24.78	0.3006
41	15	15	500700	2503.5	DFT-s-OFDM QPSK	1@1	26.07	25.57	0.3606
41	15	15	500700	2503.5	DFT-s-OFDM 16 QAM	1@1	24.76	24.26	0.2667
41	15	15	518601	2593.005	DFT-s-OFDM QPSK	1@1	26.27	25.77	0.3776
41	15	15	518601	2593.005	DFT-s-OFDM 16 QAM	1@1	24.97	24.47	0.2799
41	15	15	536499	2682.495	DFT-s-OFDM QPSK	1@1	26.25	25.75	0.3758
41	15	15	536499	2682.495	DFT-s-OFDM 16 QAM	1@1	24.87	24.37	0.2735
41	15	20	501201	2506.005	DFT-s-OFDM QPSK	1@1	26.19	25.69	0.3707
41	15	20	501201	2506.005	DFT-s-OFDM 16 QAM	1@1	24.99	24.49	0.2812
41	15	20	518601	2593.005	DFT-s-OFDM QPSK	1@1	26.47	25.97	0.3954
41	15	20	518601	2593.005	DFT-s-OFDM 16 QAM	1@1	25.17	24.67	0.2931
41	15	20	535998	2679.99	DFT-s-OFDM QPSK	1@1	26.51	26.01	0.3990
41	15	20	535998	2679.99	DFT-s-OFDM 16 QAM	1@1	25.06	24.56	0.2858
41	15	30	502200	2511	DFT-s-OFDM QPSK	1@1	26.45	25.95	0.3936
41	15	30	502200	2511	DFT-s-OFDM 16 QAM	1@1	25.01	24.51	0.2825
41	15	30	518601	2593.005	DFT-s-OFDM QPSK	1@1	26.33	25.83	0.3828
41	15	30	518601	2593.005	DFT-s-OFDM 16 QAM	1@1	25.12	24.62	0.2897
41	15	30	534999	2674.995	DFT-s-OFDM QPSK	1@1	26.29	25.79	0.3793
41	15	30	534999	2674.995	DFT-s-OFDM 16 QAM	1@1	24.84	24.34	0.2716
41	15	40	503202	2516.01	DFT-s-OFDM QPSK	1@1	26.36	25.86	0.3855
41	15	40	503202	2516.01	DFT-s-OFDM 16 QAM	1@1	25.02	24.52	0.2831
41	15	40	518598	2593.005	DFT-s-OFDM QPSK	1@1	26.58	26.08	0.4055
41	15	40	518598	2593.005	DFT-s-OFDM 16 QAM	1@1	25.23	24.73	0.2972
41	15	40	534000	2670	DFT-s-OFDM QPSK	1@1	26.29	25.79	0.3793
41	15	40	534000	2670	DFT-s-OFDM 16 QAM	1@1	25.19	24.69	0.2944

41	15	50	504201	2521.005	DFT-s-OFDM PI/2 BPSK	135@67	26.28	25.78	0.3784
41	15	50	504201	2521.005	DFT-s-OFDM PI/2 BPSK	1@1	26.2	25.7	0.3715
41	15	50	504201	2521.005	DFT-s-OFDM PI/2 BPSK	1@268	26.31	25.81	0.3811
41	15	50	504201	2521.005	DFT-s-OFDM QPSK	135@67	26.33	25.83	0.3828
41	15	50	504201	2521.005	DFT-s-OFDM QPSK	1@1	26.41	25.91	0.3899
41	15	50	504201	2521.005	DFT-s-OFDM QPSK	1@268	26.43	25.93	0.3917
41	15	50	504201	2521.005	DFT-s-OFDM 16 QAM	135@67	25.33	24.83	0.3041
41	15	50	504201	2521.005	DFT-s-OFDM 16 QAM	1@1	25.08	24.58	0.2871
41	15	50	504201	2521.005	DFT-s-OFDM 16 QAM	1@268	25.17	24.67	0.2931
41	15	50	504201	2521.005	DFT-s-OFDM 64 QAM	135@67	23.8	23.3	0.2138
41	15	50	504201	2521.005	DFT-s-OFDM 64 QAM	1@1	23.33	22.83	0.1919
41	15	50	504201	2521.005	DFT-s-OFDM 64 QAM	1@268	23.67	23.17	0.2075
41	15	50	504201	2521.005	DFT-s-OFDM 256 QAM	135@67	21.78	21.28	0.1343
41	15	50	504201	2521.005	DFT-s-OFDM 256 QAM	1@1	21.43	20.93	0.1239
41	15	50	504201	2521.005	DFT-s-OFDM 256 QAM	1@268	21.59	21.09	0.1285
41	15	50	504201	2521.005	CP-OFDM QPSK	135@67	24.78	24.28	0.2679
41	15	50	504201	2521.005	CP-OFDM QPSK	1@1	24.62	24.12	0.2582
41	15	50	504201	2521.005	CP-OFDM QPSK	1@268	24.92	24.42	0.2767
41	15	50	518601	2593.005	DFT-s-OFDM PI/2 BPSK	135@67	26.35	25.85	0.3846
41	15	50	518601	2593.005	DFT-s-OFDM PI/2 BPSK	1@1	26.51	26.01	0.3990
41	15	50	518601	2593.005	DFT-s-OFDM PI/2 BPSK	1@268	26.78	26.28	0.4246
41	15	50	518601	2593.005	DFT-s-OFDM QPSK	135@67	26.37	25.87	0.3864
41	15	50	518601	2593.005	DFT-s-OFDM QPSK	1@1	26.69	26.19	0.4159
41	15	50	518601	2593.005	DFT-s-OFDM QPSK	1@268	26.75	26.25	0.4217
41	15	50	518601	2593.005	DFT-s-OFDM 16 QAM	135@67	25.41	24.91	0.3097
41	15	50	518601	2593.005	DFT-s-OFDM 16 QAM	1@1	25.34	24.84	0.3048
41	15	50	518601	2593.005	DFT-s-OFDM 16 QAM	1@268	25.55	25.05	0.3199
41	15	50	518601	2593.005	DFT-s-OFDM 64 QAM	135@67	24.02	23.52	0.2249
41	15	50	518601	2593.005	DFT-s-OFDM 64 QAM	1@1	23.84	23.34	0.2158
41	15	50	518601	2593.005	DFT-s-OFDM 64 QAM	1@268	23.92	23.42	0.2198
41	15	50	518601	2593.005	DFT-s-OFDM 256 QAM	135@67	22.02	21.52	0.1419
41	15	50	518601	2593.005	DFT-s-OFDM 256 QAM	1@1	21.82	21.32	0.1355
41	15	50	518601	2593.005	DFT-s-OFDM 256 QAM	1@268	21.91	21.41	0.1384
41	15	50	518601	2593.005	CP-OFDM QPSK	135@67	25	24.5	0.2818
41	15	50	518601	2593.005	CP-OFDM QPSK	1@1	25.13	24.63	0.2904
41	15	50	518601	2593.005	CP-OFDM QPSK	1@268	25.32	24.82	0.3034

41	15	50	532998	2664.99	DFT-s-OFDM PI/2 BPSK	135@67	26.13	25.63	0.3656
41	15	50	532998	2664.99	DFT-s-OFDM PI/2 BPSK	1@1	26.13	25.63	0.3656
41	15	50	532998	2664.99	DFT-s-OFDM PI/2 BPSK	1@268	26.52	26.02	0.3999
41	15	50	532998	2664.99	DFT-s-OFDM QPSK	135@67	26.19	25.69	0.3707
41	15	50	532998	2664.99	DFT-s-OFDM QPSK	1@1	26.38	25.88	0.3873
41	15	50	532998	2664.99	DFT-s-OFDM QPSK	1@268	26.73	26.23	0.4198
41	15	50	532998	2664.99	DFT-s-OFDM 16 QAM	135@67	25.16	24.66	0.2924
41	15	50	532998	2664.99	DFT-s-OFDM 16 QAM	1@1	24.98	24.48	0.2805
41	15	50	532998	2664.99	DFT-s-OFDM 16 QAM	1@268	25.31	24.81	0.3027
41	15	50	532998	2664.99	DFT-s-OFDM 64 QAM	135@67	23.69	23.19	0.2084
41	15	50	532998	2664.99	DFT-s-OFDM 64 QAM	1@1	23.34	22.84	0.1923
41	15	50	532998	2664.99	DFT-s-OFDM 64 QAM	1@268	23.81	23.31	0.2143
41	15	50	532998	2664.99	DFT-s-OFDM 256 QAM	135@67	21.7	21.2	0.1318
41	15	50	532998	2664.99	DFT-s-OFDM 256 QAM	1@1	21.36	20.86	0.1219
41	15	50	532998	2664.99	DFT-s-OFDM 256 QAM	1@268	21.78	21.28	0.1343
41	15	50	532998	2664.99	CP-OFDM QPSK	135@67	24.66	24.16	0.2606
41	15	50	532998	2664.99	CP-OFDM QPSK	1@1	24.55	24.05	0.2541
41	15	50	532998	2664.99	CP-OFDM QPSK	1@268	24.98	24.48	0.2805

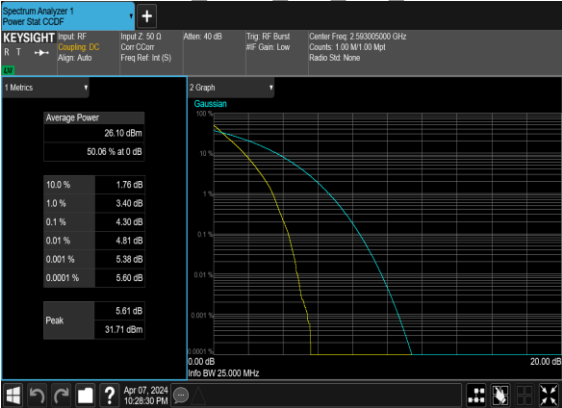
Frequency Stability

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Deviation (ppm)	Verdict	Environment
41	15	20	518601	2593.005	DFT-s-OFDM QPSK	100@0	0.0068	PASS	NV
41	15	20	518601	2593.005	DFT-s-OFDM QPSK	100@0	0.0067	PASS	LV
41	15	20	518601	2593.005	DFT-s-OFDM QPSK	100@0	0.0030	PASS	HV
41	15	20	518601	2593.005	DFT-s-OFDM QPSK	100@0	0.0059	PASS	-30°C
41	15	20	518601	2593.005	DFT-s-OFDM QPSK	100@0	0.0044	PASS	-20°C
41	15	20	518601	2593.005	DFT-s-OFDM QPSK	100@0	0.0022	PASS	-10°C
41	15	20	518601	2593.005	DFT-s-OFDM QPSK	100@0	0.0058	PASS	0°C
41	15	20	518601	2593.005	DFT-s-OFDM QPSK	100@0	0.0036	PASS	10°C
41	15	20	518601	2593.005	DFT-s-OFDM QPSK	100@0	0.0068	PASS	20°C
41	15	20	518601	2593.005	DFT-s-OFDM QPSK	100@0	0.0022	PASS	30°C
41	15	20	518601	2593.005	DFT-s-OFDM QPSK	100@0	0.0029	PASS	40°C
41	15	20	518601	2593.005	DFT-s-OFDM QPSK	100@0	0.0031	PASS	50°C

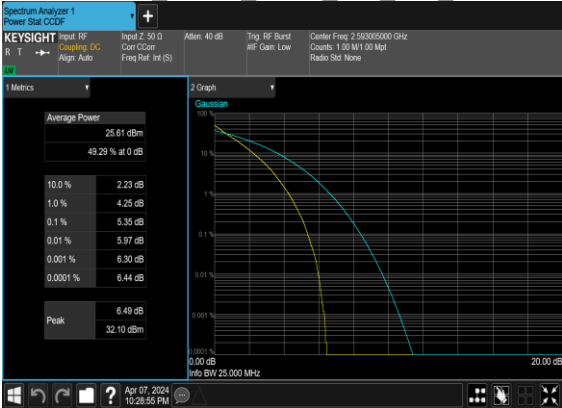
Peak to Average Ratio

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result (dB)	Limit (dB)	Verdict
41	15	20	518601	2593.005	DFT-s-OFDM PI/2 BPSK	100@0	4.3	13	PASS
41	15	20	518601	2593.005	DFT-s-OFDM QPSK	100@0	5.35	13	PASS

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



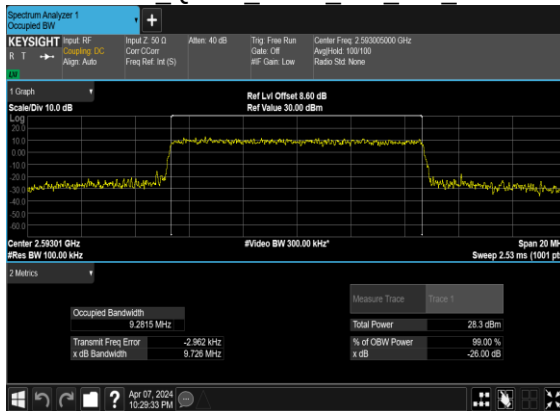
N41(20M)_DFT-s-
OFDM_QPSK_Outer_Full_Mid_CH



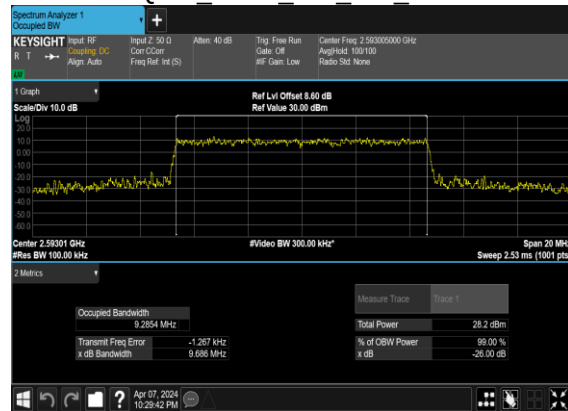
Occupied Bandwidth

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	OBW (MHz)	26dB BW (MHz)
41	15	10	518601	2593.01	CP-OFDM QPSK	52@0	9.2815	9.726
41	15	10	518601	2593.01	CP-OFDM 16 QAM	52@0	9.2854	9.686
41	15	10	518601	2593.01	CP-OFDM 64 QAM	52@0	9.2887	9.679
41	15	10	518601	2593.01	CP-OFDM 256 QAM	52@0	9.2413	9.755
41	15	15	518601	2593.01	CP-OFDM QPSK	79@0	14.102	14.63
41	15	15	518601	2593.01	CP-OFDM 16 QAM	79@0	14.121	14.64
41	15	15	518601	2593.01	CP-OFDM 64 QAM	79@0	14.095	14.62
41	15	15	518601	2593.01	CP-OFDM 256 QAM	79@0	14.058	14.59
41	15	20	518601	2593.01	CP-OFDM QPSK	106@0	18.861	19.59
41	15	20	518601	2593.01	CP-OFDM 16 QAM	106@0	18.871	19.54
41	15	20	518601	2593.01	CP-OFDM 64 QAM	106@0	18.969	19.59
41	15	20	518601	2593.01	CP-OFDM 256 QAM	106@0	18.92	19.62
41	15	30	518601	2593.01	CP-OFDM QPSK	160@0	28.543	29.76
41	15	30	518601	2593.01	CP-OFDM 16 QAM	160@0	28.612	29.69
41	15	30	518601	2593.01	CP-OFDM 64 QAM	160@0	28.494	29.46
41	15	30	518601	2593.01	CP-OFDM 256 QAM	160@0	28.541	29.6
41	15	40	518598	2593.01	CP-OFDM QPSK	216@0	38.648	39.82
41	15	40	518598	2593.01	CP-OFDM 16 QAM	216@0	38.422	39.78
41	15	40	518598	2593.01	CP-OFDM 64 QAM	216@0	38.599	39.86
41	15	40	518598	2593.01	CP-OFDM 256 QAM	216@0	38.348	39.75
41	15	50	518601	2593.01	CP-OFDM QPSK	270@0	48.163	49.66
41	15	50	518601	2593.01	CP-OFDM 16 QAM	270@0	48.109	49.78
41	15	50	518601	2593.01	CP-OFDM 64 QAM	270@0	48.086	49.78
41	15	50	518601	2593.01	CP-OFDM 256 QAM	270@0	48.132	49.68

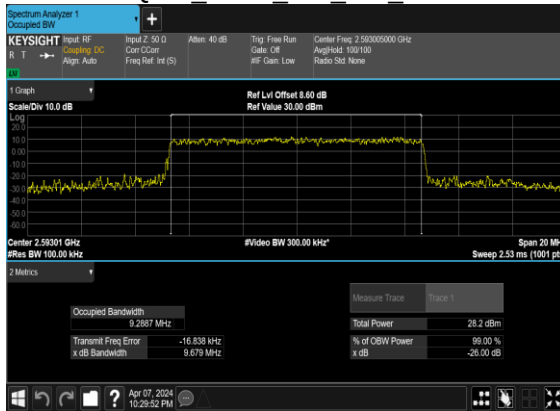
N41(10M)_CP-OFDM_QPSK Outer Full Mid CH



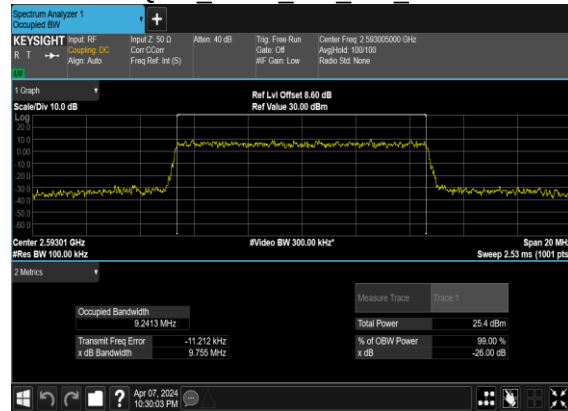
N41(10M)_CP-OFDM_16QAM Outer Full Mid CH



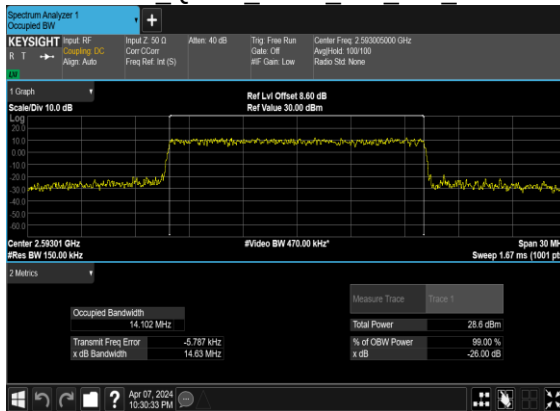
N41(10M)_CP-OFDM_64QAM Outer Full Mid CH



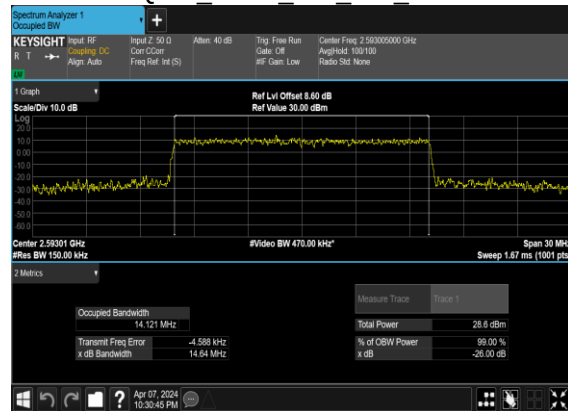
N41(10M)_CP-OFDM_256QAM Outer Full Mid CH



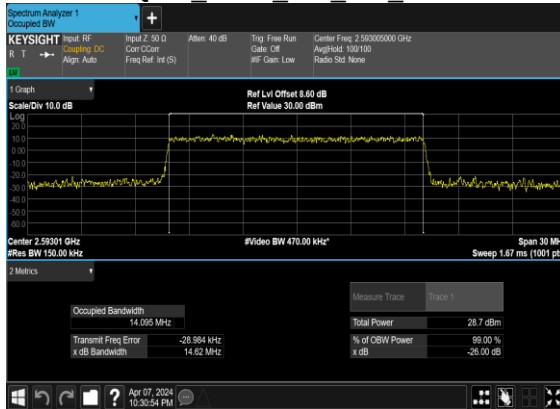
N41(15M)_CP-OFDM_QPSK Outer Full Mid CH



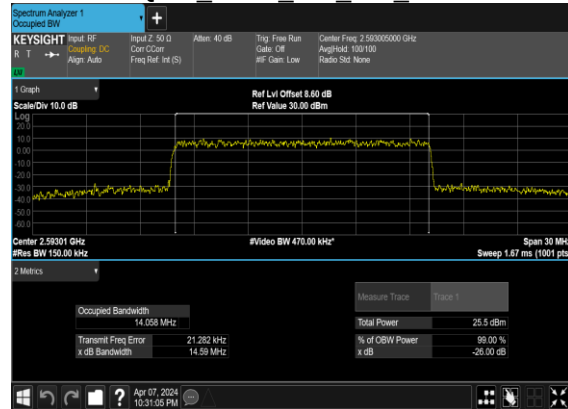
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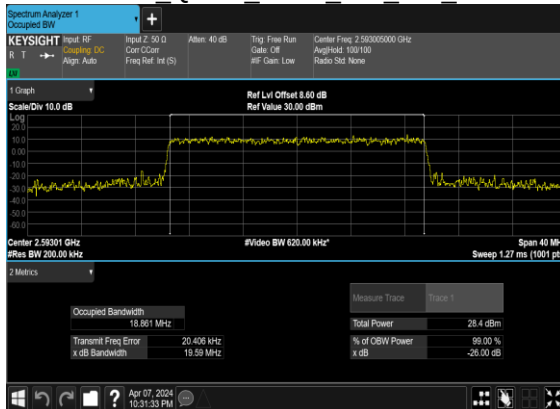
N41(15M)_CP-OFDM_64
QAM Outer Full Mid CH



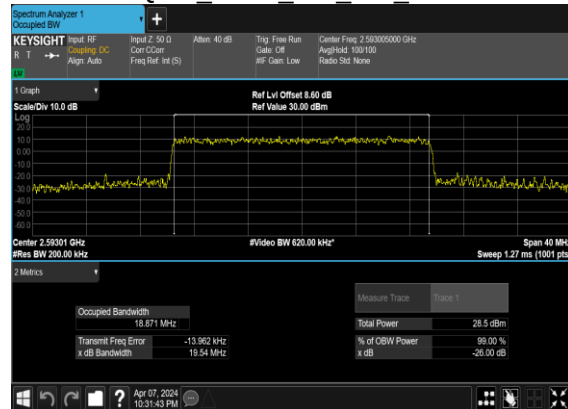
N41(15M)_CP-OFDM_256
QAM Outer Full Mid CH



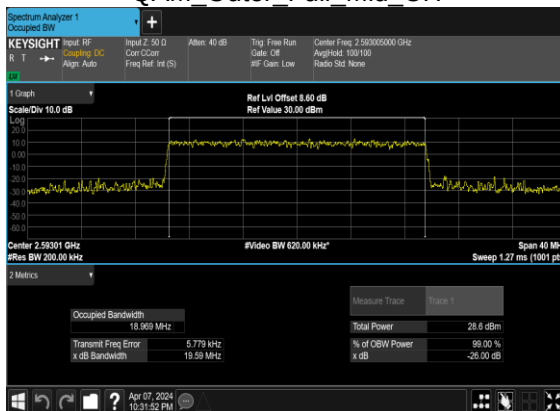
N41(20M)_CP-OFDM_QPSK Outer Full Mid CH



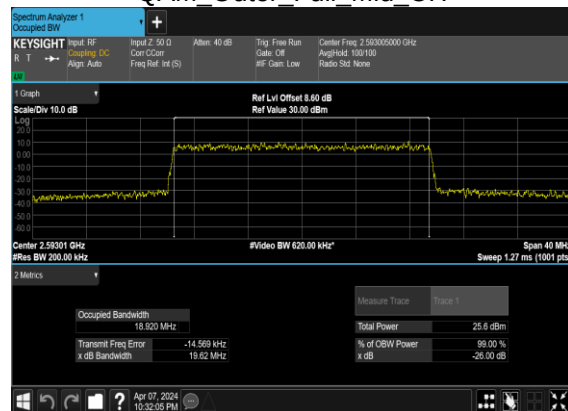
N41(20M)_CP-OFDM_16
QAM Outer Full Mid CH



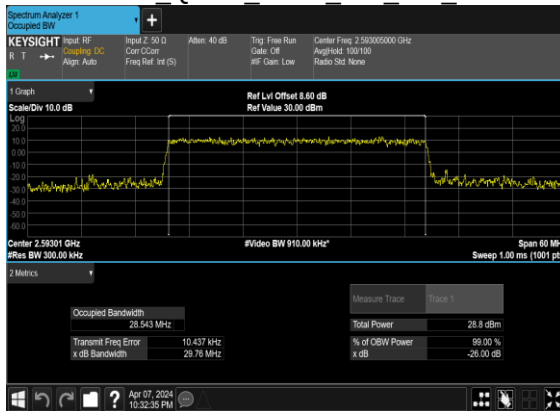
N41(20M)_CP-OFDM_64
QAM Outer Full Mid CH



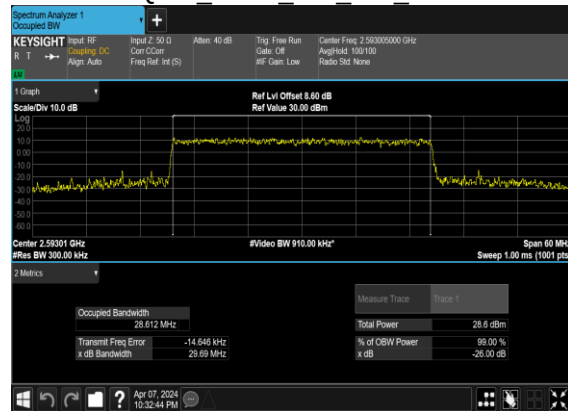
N41(20M)_CP-OFDM_256
QAM Outer Full Mid CH



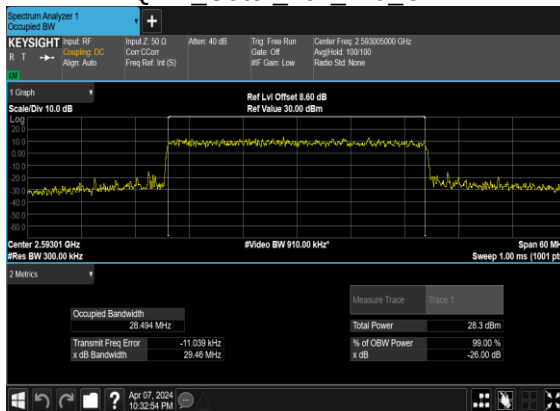
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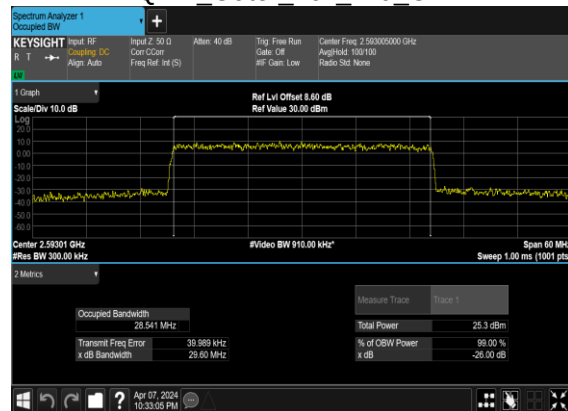
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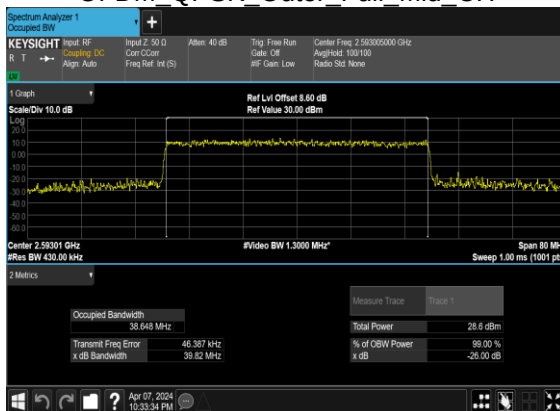
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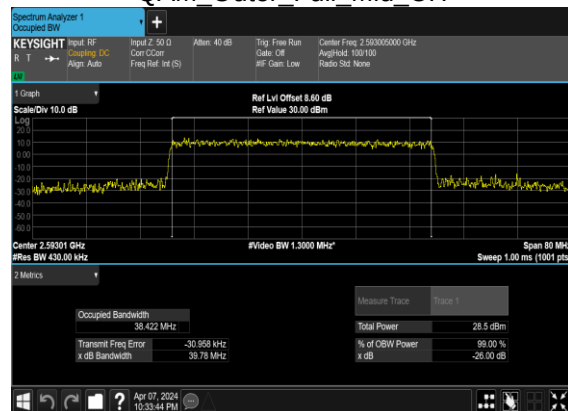
N41(30M)_CP-OFDM_256QAM Outer Full Mid CH



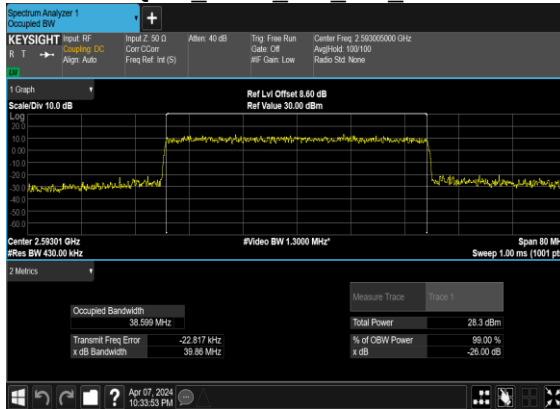
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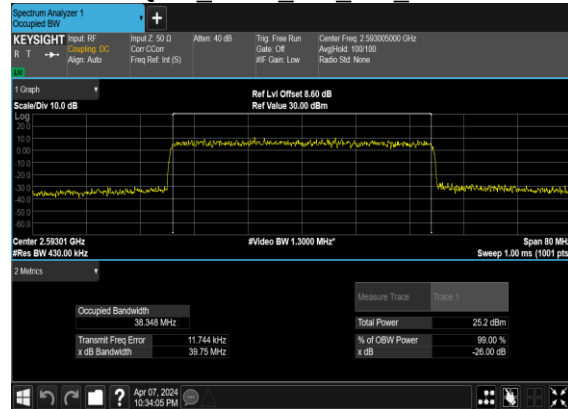
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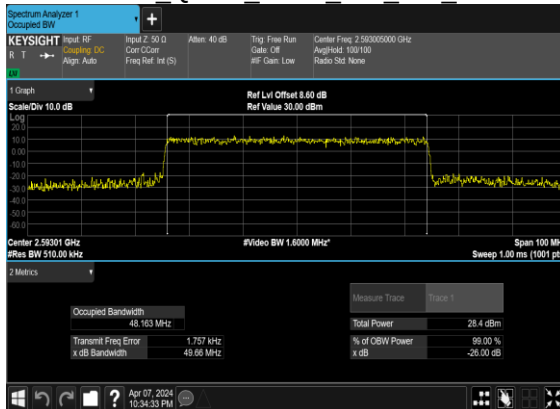
N41(40M)_CP-OFDM_64
QAM Outer Full Mid CH



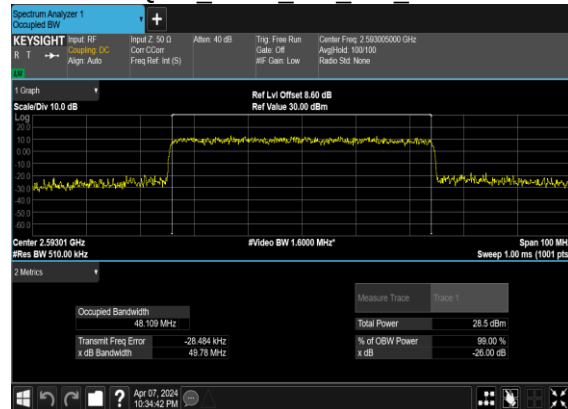
N41(40M)_CP-OFDM_256
QAM Outer Full Mid CH



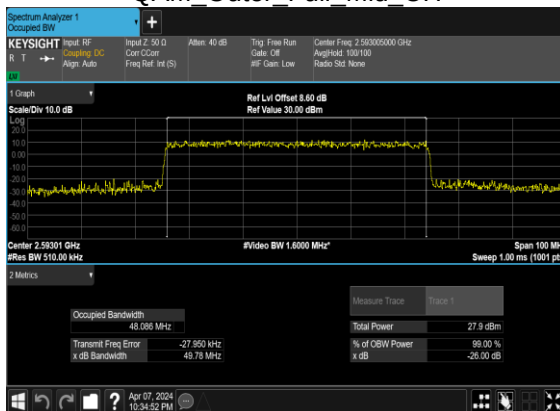
N41(50M)_CP-OFDM_QPSK Outer Full Mid CH



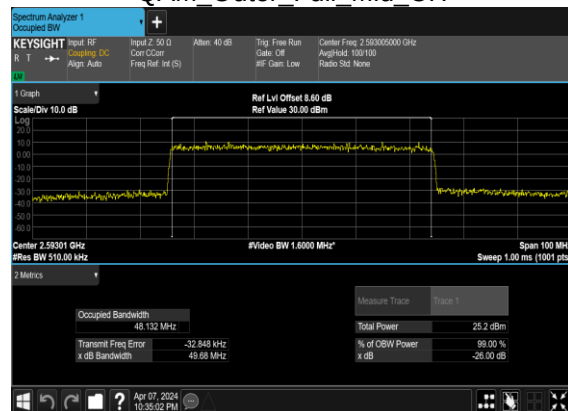
N41(50M)_CP-OFDM_16
QAM Outer Full Mid CH



N41(50M)_CP-OFDM_64
QAM Outer Full Mid CH



N41(50M)_CP-OFDM_256
QAM Outer Full Mid CH



Conducted Spurious Emissions

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
41	15	10	500202	2501.01	DFT-s-OFDM BPSK	1@0	see graph	---
41	15	10	500202	2501.01	DFT-s-OFDM BPSK	1@0	see graph	PASS
41	15	10	500202	2501.01	DFT-s-OFDM BPSK	1@0	see graph	PASS
41	15	10	500202	2501.01	DFT-s-OFDM QPSK	1@0	see graph	---
41	15	10	500202	2501.01	DFT-s-OFDM QPSK	1@0	see graph	PASS
41	15	10	500202	2501.01	DFT-s-OFDM QPSK	1@0	see graph	PASS
41	15	10	518601	2593.005	DFT-s-OFDM BPSK	1@0	see graph	---
41	15	10	518601	2593.005	DFT-s-OFDM BPSK	1@0	see graph	PASS
41	15	10	518601	2593.005	DFT-s-OFDM BPSK	1@0	see graph	PASS
41	15	10	518601	2593.005	DFT-s-OFDM QPSK	1@0	see graph	---
41	15	10	518601	2593.005	DFT-s-OFDM QPSK	1@0	see graph	PASS
41	15	10	518601	2593.005	DFT-s-OFDM QPSK	1@0	see graph	PASS
41	15	10	537000	2685.0	DFT-s-OFDM BPSK	1@0	see graph	---
41	15	10	537000	2685.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
41	15	10	537000	2685.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
41	15	10	537000	2685.0	DFT-s-OFDM QPSK	1@0	see graph	---
41	15	10	537000	2685.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
41	15	10	537000	2685.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
41	15	20	501201	2506.005	DFT-s-OFDM BPSK	1@0	see graph	---
41	15	20	501201	2506.005	DFT-s-OFDM BPSK	1@0	see graph	PASS
41	15	20	501201	2506.005	DFT-s-OFDM BPSK	1@0	see graph	PASS
41	15	20	501201	2506.005	DFT-s-OFDM QPSK	1@0	see graph	---

41	15	20	501201	2506.005	DFT-s-OFDM QPSK	1@0	see graph	PASS
41	15	20	501201	2506.005	DFT-s-OFDM QPSK	1@0	see graph	PASS
41	15	20	518601	2593.005	DFT-s-OFDM BPSK	1@0	see graph	---
41	15	20	518601	2593.005	DFT-s-OFDM BPSK	1@0	see graph	PASS
41	15	20	518601	2593.005	DFT-s-OFDM BPSK	1@0	see graph	PASS
41	15	20	518601	2593.005	DFT-s-OFDM QPSK	1@0	see graph	---
41	15	20	518601	2593.005	DFT-s-OFDM QPSK	1@0	see graph	PASS
41	15	20	518601	2593.005	DFT-s-OFDM QPSK	1@0	see graph	PASS
41	15	20	535998	2679.99	DFT-s-OFDM BPSK	1@0	see graph	---
41	15	20	535998	2679.99	DFT-s-OFDM BPSK	1@0	see graph	PASS
41	15	20	535998	2679.99	DFT-s-OFDM BPSK	1@0	see graph	PASS
41	15	20	535998	2679.99	DFT-s-OFDM QPSK	1@0	see graph	---
41	15	20	535998	2679.99	DFT-s-OFDM QPSK	1@0	see graph	PASS
41	15	20	535998	2679.99	DFT-s-OFDM QPSK	1@0	see graph	PASS
41	15	50	504201	2521.005	DFT-s-OFDM BPSK	1@0	see graph	---
41	15	50	504201	2521.005	DFT-s-OFDM BPSK	1@0	see graph	PASS
41	15	50	504201	2521.005	DFT-s-OFDM BPSK	1@0	see graph	PASS
41	15	50	504201	2521.005	DFT-s-OFDM QPSK	1@0	see graph	---
41	15	50	504201	2521.005	DFT-s-OFDM QPSK	1@0	see graph	PASS
41	15	50	504201	2521.005	DFT-s-OFDM QPSK	1@0	see graph	PASS
41	15	50	518601	2593.005	DFT-s-OFDM BPSK	1@0	see graph	---
41	15	50	518601	2593.005	DFT-s-OFDM BPSK	1@0	see graph	PASS
41	15	50	518601	2593.005	DFT-s-OFDM BPSK	1@0	see graph	PASS
41	15	50	518601	2593.005	DFT-s-OFDM QPSK	1@0	see graph	---

41	15	50	518601	2593.005	DFT-s-OFDM QPSK	1@0	see graph	PASS
41	15	50	518601	2593.005	DFT-s-OFDM QPSK	1@0	see graph	PASS
41	15	50	532998	2664.99	DFT-s-OFDM BPSK	1@0	see graph	---
41	15	50	532998	2664.99	DFT-s-OFDM BPSK	1@0	see graph	PASS
41	15	50	532998	2664.99	DFT-s-OFDM BPSK	1@0	see graph	PASS
41	15	50	532998	2664.99	DFT-s-OFDM QPSK	1@0	see graph	---
41	15	50	532998	2664.99	DFT-s-OFDM QPSK	1@0	see graph	PASS
41	15	50	532998	2664.99	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

