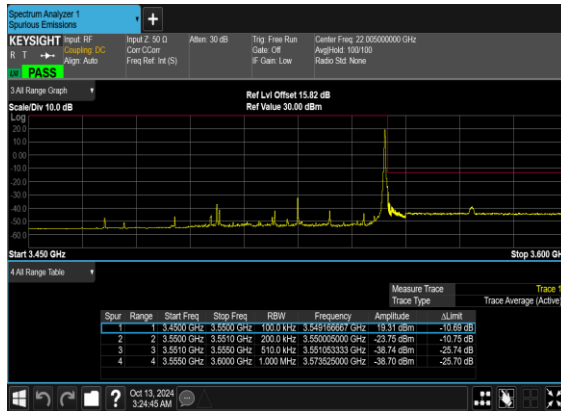
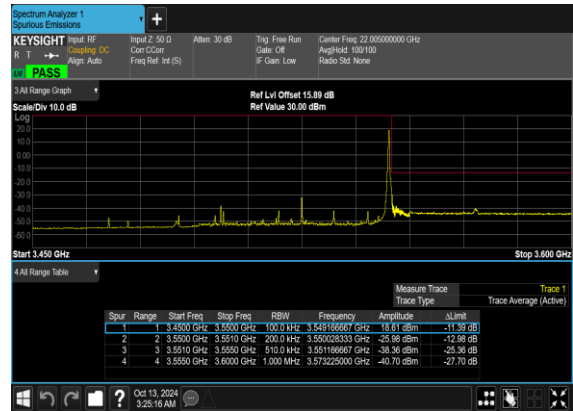




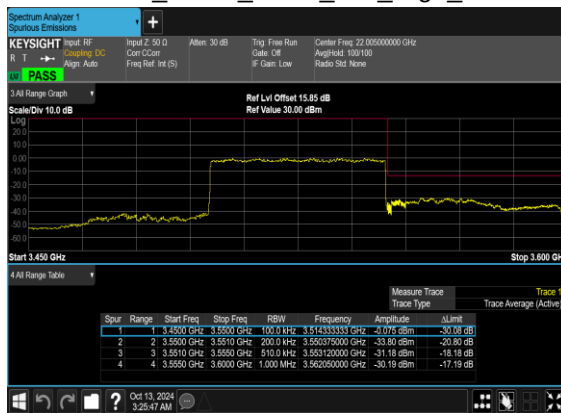
N78(50M)_DFT-s-
OFDM_BPSK_Edge_1RB_Right_High_CH



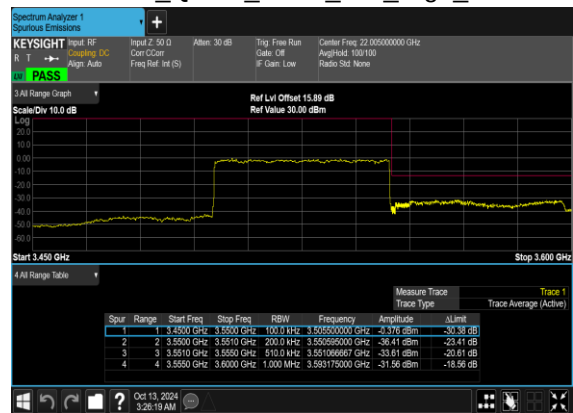
N78(50M)_DFT-s-
OFDM_QPSK_Edge_1RB_Right_High_CH



N78(50M)_DFT-s-
OFDM_BPSK_Outer_Full_High_CH



N78(50M)_DFT-s-
OFDM_QPSK_Outer_Full_High_CH





Software Version: 23.06.1602

FR1 N78(Ant6)_SCS30kHz**Transmitter Conducted Output Power And EIRP, (G_T - L_C)=-2.7dB**

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Conducted Power(dBm)	EIRP (dBm)	EIRP (W)
78	30	10	630334	3455.01	DFT-s-OFDM QPSK	1@1	25.49	22.79	0.1901
78	30	10	630334	3455.01	DFT-s-OFDM 16 QAM	1@1	24.61	21.91	0.1552
78	30	10	633334	3500.01	DFT-s-OFDM QPSK	1@1	25.6	22.9	0.1950
78	30	10	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	24.7	22	0.1585
78	30	10	636332	3544.98	DFT-s-OFDM QPSK	1@1	25.6	22.9	0.1950
78	30	10	636332	3544.98	DFT-s-OFDM 16 QAM	1@1	24.71	22.01	0.1589
78	30	15	630500	3457.5	DFT-s-OFDM QPSK	1@1	25.55	22.85	0.1928
78	30	15	630500	3457.5	DFT-s-OFDM 16 QAM	1@1	24.67	21.97	0.1574
78	30	15	633334	3500.01	DFT-s-OFDM QPSK	1@1	25.95	23.25	0.2113
78	30	15	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	24.73	22.03	0.1596
78	30	15	636166	3542.49	DFT-s-OFDM QPSK	1@1	25.64	22.94	0.1968
78	30	15	636166	3542.49	DFT-s-OFDM 16 QAM	1@1	24.8	22.1	0.1622
78	30	20	630668	3460.02	DFT-s-OFDM QPSK	1@1	25.54	22.84	0.1923
78	30	20	630668	3460.02	DFT-s-OFDM 16 QAM	1@1	24.7	22	0.1585
78	30	20	633334	3500.01	DFT-s-OFDM QPSK	1@1	25.6	22.9	0.1950
78	30	20	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	24.74	22.04	0.1600
78	30	20	636000	3540	DFT-s-OFDM QPSK	1@1	25.67	22.97	0.1982
78	30	20	636000	3540	DFT-s-OFDM 16 QAM	1@1	24.86	22.16	0.1644
78	30	25	630834	3462.51	DFT-s-OFDM QPSK	1@1	25.57	22.87	0.1936
78	30	25	630834	3462.51	DFT-s-OFDM 16 QAM	1@1	24.68	21.98	0.1578
78	30	25	633334	3500.01	DFT-s-OFDM QPSK	1@1	25.56	22.86	0.1932
78	30	25	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	24.7	22	0.1585
78	30	25	635832	3537.48	DFT-s-OFDM QPSK	1@1	25.73	23.03	0.2009
78	30	25	635832	3537.48	DFT-s-OFDM 16 QAM	1@1	24.87	22.17	0.1648
78	30	30	631000	3465	DFT-s-OFDM QPSK	1@1	25.63	22.93	0.1963
78	30	30	631000	3465	DFT-s-OFDM 16 QAM	1@1	24.69	21.99	0.1581
78	30	30	633334	3500.01	DFT-s-OFDM QPSK	1@1	25.93	23.23	0.2104
78	30	30	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	24.72	22.02	0.1592
78	30	30	635666	3534.99	DFT-s-OFDM QPSK	1@1	25.79	23.09	0.2037
78	30	30	635666	3534.99	DFT-s-OFDM 16 QAM	1@1	24.88	22.18	0.1652
78	30	40	631334	3470.01	DFT-s-OFDM QPSK	1@1	25.57	22.87	0.1936
78	30	40	631334	3470.01	DFT-s-OFDM 16 QAM	1@1	24.63	21.93	0.1560
78	30	40	633334	3500.01	DFT-s-OFDM QPSK	1@1	25.59	22.89	0.1945
78	30	40	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	24.69	21.99	0.1581
78	30	40	635332	3529.98	DFT-s-OFDM QPSK	1@1	25.85	23.15	0.2065



78	30	40	635332	3529.98	DFT-s-OFDM 16 QAM	1@1	24.94	22.24	0.1675
78	30	50	631668	3475.02	DFT-s-OFDM QPSK	1@1	25.58	22.88	0.1941
78	30	50	631668	3475.02	DFT-s-OFDM 16 QAM	1@1	24.66	21.96	0.1570
78	30	50	633334	3500.01	DFT-s-OFDM QPSK	1@1	25.61	22.91	0.1954
78	30	50	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	24.69	21.99	0.1581
78	30	50	635000	3525	DFT-s-OFDM QPSK	1@1	25.77	23.07	0.2028
78	30	50	635000	3525	DFT-s-OFDM 16 QAM	1@1	24.85	22.15	0.1641
78	30	60	632000	3480	DFT-s-OFDM QPSK	1@1	25.61	22.91	0.1954
78	30	60	632000	3480	DFT-s-OFDM 16 QAM	1@1	24.72	22.02	0.1592
78	30	60	633334	3500.01	DFT-s-OFDM QPSK	1@1	25.6	22.9	0.1950
78	30	60	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	24.62	21.92	0.1556
78	30	60	634666	3519.99	DFT-s-OFDM QPSK	1@1	25.93	23.23	0.2104
78	30	60	634666	3519.99	DFT-s-OFDM 16 QAM	1@1	24.68	21.98	0.1578
78	30	70	632334	3485.01	DFT-s-OFDM QPSK	1@1	25.66	22.96	0.1977
78	30	70	632334	3485.01	DFT-s-OFDM 16 QAM	1@1	24.66	21.96	0.1570
78	30	70	633334	3500.01	DFT-s-OFDM QPSK	1@1	25.55	22.85	0.1928
78	30	70	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	24.6	21.9	0.1549
78	30	70	634332	3514.98	DFT-s-OFDM QPSK	1@1	25.6	22.9	0.1950
78	30	70	634332	3514.98	DFT-s-OFDM 16 QAM	1@1	24.73	22.03	0.1596
78	30	80	632668	3490.02	DFT-s-OFDM QPSK	1@1	26.05	23.35	0.2163
78	30	80	632668	3490.02	DFT-s-OFDM 16 QAM	1@1	24.85	22.15	0.1641
78	30	80	633334	3500.01	DFT-s-OFDM QPSK	1@1	25.65	22.95	0.1972
78	30	80	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	24.72	22.02	0.1592
78	30	80	634000	3510	DFT-s-OFDM QPSK	1@1	25.63	22.93	0.1963
78	30	80	634000	3510	DFT-s-OFDM 16 QAM	1@1	24.71	22.01	0.1589
78	30	90	633000	3495	DFT-s-OFDM QPSK	1@1	25.74	23.04	0.2014
78	30	90	633000	3495	DFT-s-OFDM 16 QAM	1@1	24.79	22.09	0.1618
78	30	90	633334	3500.01	DFT-s-OFDM QPSK	1@1	25.61	22.91	0.1954
78	30	90	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	24.79	22.09	0.1618
78	30	90	633666	3504.99	DFT-s-OFDM QPSK	1@1	25.66	22.96	0.1977
78	30	90	633666	3504.99	DFT-s-OFDM 16 QAM	1@1	24.79	22.09	0.1618
78	30	100	633334	3500.01	DFT-s-OFDM PI/2 BPSK	135@67	25.68	22.98	0.1986
78	30	100	633334	3500.01	DFT-s-OFDM PI/2 BPSK	1@1	26.07	23.37	0.2173
78	30	100	633334	3500.01	DFT-s-OFDM PI/2 BPSK	1@271	25.43	22.73	0.1875
78	30	100	633334	3500.01	DFT-s-OFDM QPSK	135@67	25.7	23	0.1995
78	30	100	633334	3500.01	DFT-s-OFDM QPSK	1@1	25.68	22.98	0.1986
78	30	100	633334	3500.01	DFT-s-OFDM QPSK	1@271	25.31	22.61	0.1824
78	30	100	633334	3500.01	DFT-s-OFDM 16 QAM	135@67	24.73	22.03	0.1596
78	30	100	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	24.78	22.08	0.1614
78	30	100	633334	3500.01	DFT-s-OFDM 16 QAM	1@271	24.47	21.77	0.1503
78	30	100	633334	3500.01	DFT-s-OFDM 64 QAM	135@67	23.25	20.55	0.1135
78	30	100	633334	3500.01	DFT-s-OFDM 64 QAM	1@1	23.21	20.51	0.1125
78	30	100	633334	3500.01	DFT-s-OFDM 64 QAM	1@271	23.09	20.39	0.1094



78	30	100	633334	3500.01	DFT-s-OFDM 256 QAM	135@67	21.26	18.56	0.0718
78	30	100	633334	3500.01	DFT-s-OFDM 256 QAM	1@1	21.22	18.52	0.0711
78	30	100	633334	3500.01	DFT-s-OFDM 256 QAM	1@271	20.97	18.27	0.0671
78	30	100	633334	3500.01	CP-OFDM QPSK	137@68	24.13	21.43	0.1390
78	30	100	633334	3500.01	CP-OFDM QPSK	1@1	24.15	21.45	0.1396
78	30	100	633334	3500.01	CP-OFDM QPSK	1@271	23.81	21.11	0.1291



Frequency Stability

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Deviation (ppm)	Verdict	Environment
78	30	20	633334	3500.01	DFT-s-OFDM QPSK	50@0	0.0037	PASS	NV
78	30	20	633334	3500.01	DFT-s-OFDM QPSK	50@0	0.0032	PASS	LV
78	30	20	633334	3500.01	DFT-s-OFDM QPSK	50@0	0.0045	PASS	HV
78	30	20	633334	3500.01	DFT-s-OFDM QPSK	50@0	0.0032	PASS	-30℃
78	30	20	633334	3500.01	DFT-s-OFDM QPSK	50@0	0.0063	PASS	-20℃
78	30	20	633334	3500.01	DFT-s-OFDM QPSK	50@0	0.0055	PASS	-10℃
78	30	20	633334	3500.01	DFT-s-OFDM QPSK	50@0	0.0040	PASS	0℃
78	30	20	633334	3500.01	DFT-s-OFDM QPSK	50@0	0.0057	PASS	10℃
78	30	20	633334	3500.01	DFT-s-OFDM QPSK	50@0	0.0037	PASS	20℃
78	30	20	633334	3500.01	DFT-s-OFDM QPSK	50@0	0.0061	PASS	30℃
78	30	20	633334	3500.01	DFT-s-OFDM QPSK	50@0	0.0035	PASS	40℃
78	30	20	633334	3500.01	DFT-s-OFDM QPSK	50@0	0.0050	PASS	50℃

Peak to Average Ratio

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result (dB)	Limit (dB)	Verdict
78	30	20	633334	3500.01	DFT-s-OFDM PI/2 BPSK	50@0	4.08	13	PASS
78	30	20	633334	3500.01	DFT-s-OFDM QPSK	50@0	5.19	13	PASS

N78(20M)_DFT-s-OFDM_PI_2-
BPSK_Outer_Full_Mid_CH



N78(20M)_DFT-s-OFDM_QPSK_Outer_Full_Mid_CH





Occupied Bandwidth

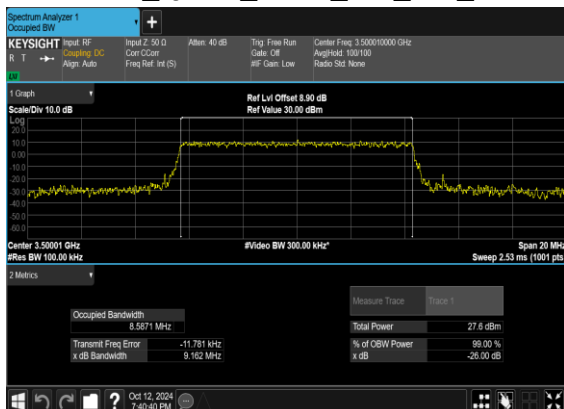
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	OBW (MHz)	26dB BW (MHz)
78	30	10	633334	3500.01	CP-OFDM QPSK	24@0	8.5871	9.162
78	30	10	633334	3500.01	CP-OFDM 16 QAM	24@0	8.5668	9.126
78	30	10	633334	3500.01	CP-OFDM 64 QAM	24@0	8.5789	9.107
78	30	10	633334	3500.01	CP-OFDM 256 QAM	24@0	8.5931	9.142
78	30	15	633334	3500.01	CP-OFDM QPSK	38@0	13.536	14.26
78	30	15	633334	3500.01	CP-OFDM 16 QAM	38@0	13.573	14.32
78	30	15	633334	3500.01	CP-OFDM 64 QAM	38@0	13.597	14.19
78	30	15	633334	3500.01	CP-OFDM 256 QAM	38@0	13.6	14.37
78	30	20	633334	3500.01	CP-OFDM QPSK	51@0	18.159	18.87
78	30	20	633334	3500.01	CP-OFDM 16 QAM	51@0	18.207	18.99
78	30	20	633334	3500.01	CP-OFDM 64 QAM	51@0	18.172	18.97
78	30	20	633334	3500.01	CP-OFDM 256 QAM	51@0	18.121	18.86
78	30	25	633334	3500.01	CP-OFDM QPSK	65@0	23.238	24.25
78	30	25	633334	3500.01	CP-OFDM 16 QAM	65@0	23.27	24.18
78	30	25	633334	3500.01	CP-OFDM 64 QAM	65@0	23.169	24.14
78	30	25	633334	3500.01	CP-OFDM 256 QAM	65@0	23.276	24.09
78	30	30	633334	3500.01	CP-OFDM QPSK	78@0	27.768	28.87
78	30	30	633334	3500.01	CP-OFDM 16 QAM	78@0	27.782	28.85
78	30	30	633334	3500.01	CP-OFDM 64 QAM	78@0	27.754	29.08
78	30	30	633334	3500.01	CP-OFDM 256 QAM	78@0	27.789	28.88
78	30	40	633334	3500.01	CP-OFDM QPSK	106@0	37.788	39.2
78	30	40	633334	3500.01	CP-OFDM 16 QAM	106@0	37.89	39.22
78	30	40	633334	3500.01	CP-OFDM 64 QAM	106@0	37.81	39.3



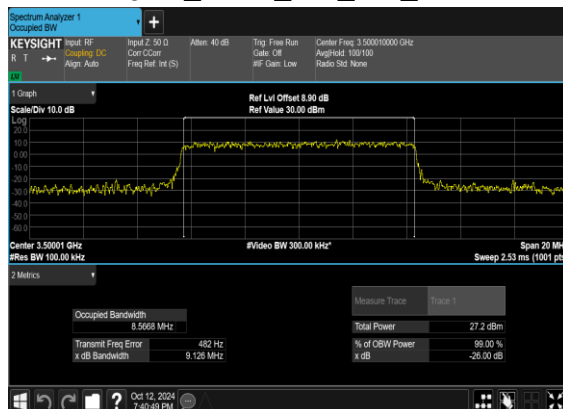
78	30	40	633334	3500.01	CP-OFDM 256 QAM	106@0	37.792	39.35
78	30	50	633334	3500.01	CP-OFDM QPSK	133@0	47.409	48.99
78	30	50	633334	3500.01	CP-OFDM 16 QAM	133@0	47.478	49.04
78	30	50	633334	3500.01	CP-OFDM 64 QAM	133@0	47.402	48.98
78	30	50	633334	3500.01	CP-OFDM 256 QAM	133@0	47.503	49.08
78	30	60	633334	3500.01	CP-OFDM QPSK	162@0	57.804	59.77
78	30	60	633334	3500.01	CP-OFDM 16 QAM	162@0	57.686	59.58
78	30	60	633334	3500.01	CP-OFDM 64 QAM	162@0	57.758	59.63
78	30	60	633334	3500.01	CP-OFDM 256 QAM	162@0	57.771	59.72
78	30	70	633334	3500.01	CP-OFDM QPSK	189@0	67.487	69.66
78	30	70	633334	3500.01	CP-OFDM 16 QAM	189@0	67.482	69.72
78	30	70	633334	3500.01	CP-OFDM 64 QAM	189@0	67.407	69.77
78	30	70	633334	3500.01	CP-OFDM 256 QAM	189@0	67.519	69.69
78	30	80	633334	3500.01	CP-OFDM QPSK	217@0	77.499	79.88
78	30	80	633334	3500.01	CP-OFDM 16 QAM	217@0	77.447	79.89
78	30	80	633334	3500.01	CP-OFDM 64 QAM	217@0	77.509	80.0
78	30	80	633334	3500.01	CP-OFDM 256 QAM	217@0	77.271	79.98
78	30	90	633334	3500.01	CP-OFDM QPSK	245@0	87.48	90.34
78	30	90	633334	3500.01	CP-OFDM 16 QAM	245@0	87.555	90.17
78	30	90	633334	3500.01	CP-OFDM 64 QAM	245@0	87.332	90.28
78	30	90	633334	3500.01	CP-OFDM 256 QAM	245@0	87.476	90.21
78	30	100	633334	3500.01	CP-OFDM QPSK	273@0	97.532	100.5
78	30	100	633334	3500.01	CP-OFDM 16 QAM	273@0	97.458	100.5
78	30	100	633334	3500.01	CP-OFDM 64 QAM	273@0	97.507	100.5
78	30	100	633334	3500.01	CP-OFDM 256 QAM	273@0	97.233	100.5



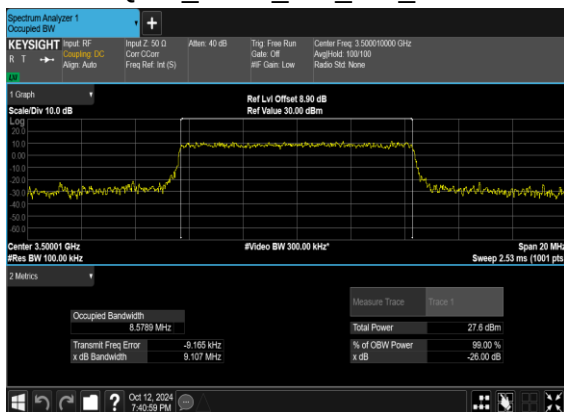
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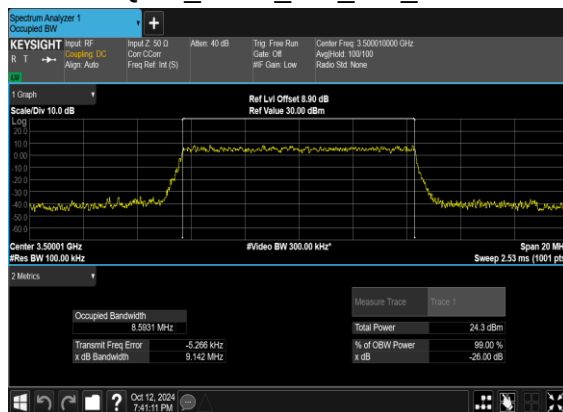
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QAM_Outer_Full_Mid_CH



N78(10M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH

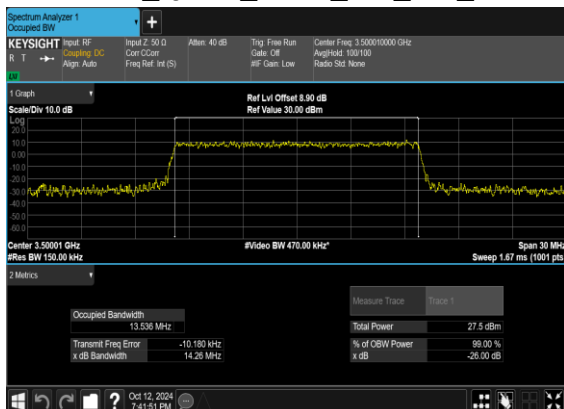


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QAM_Outer_Full_Mid_CH

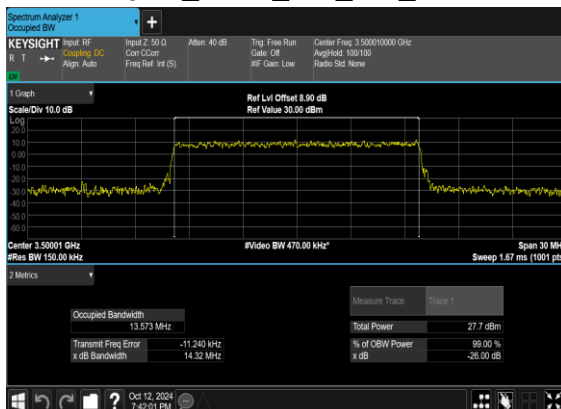




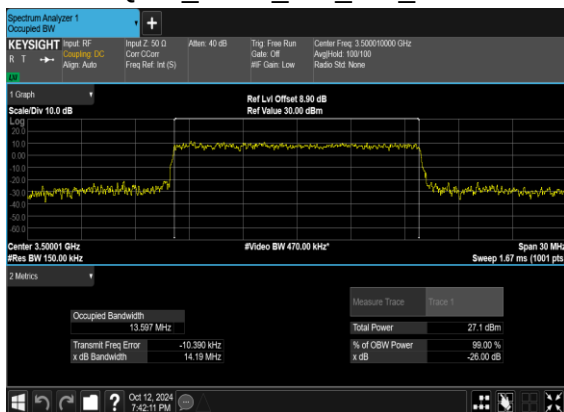
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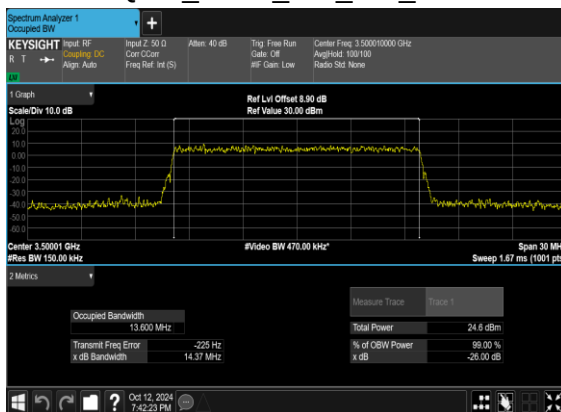
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N78(15M)_CP-OFDM_64
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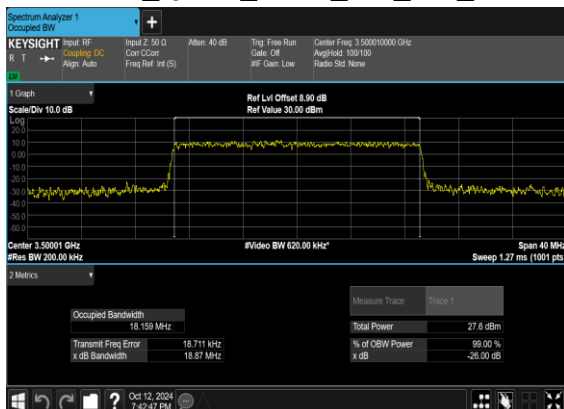


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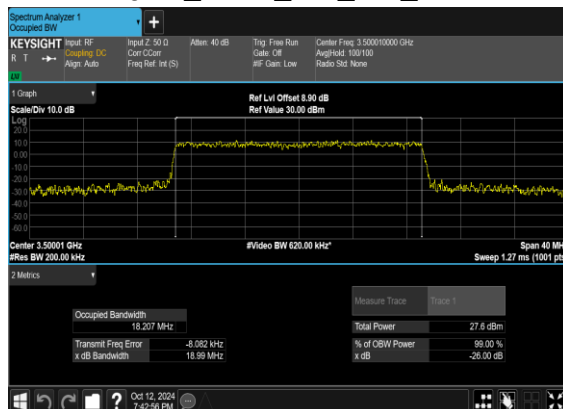




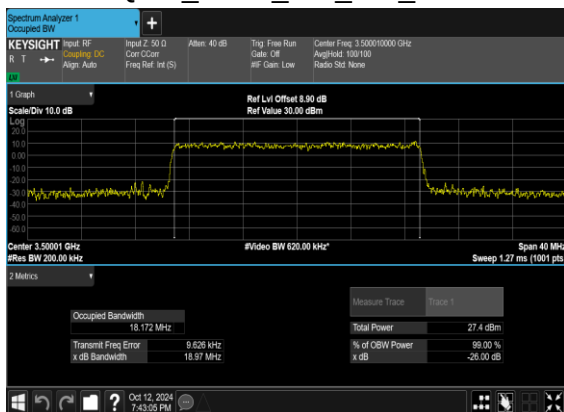
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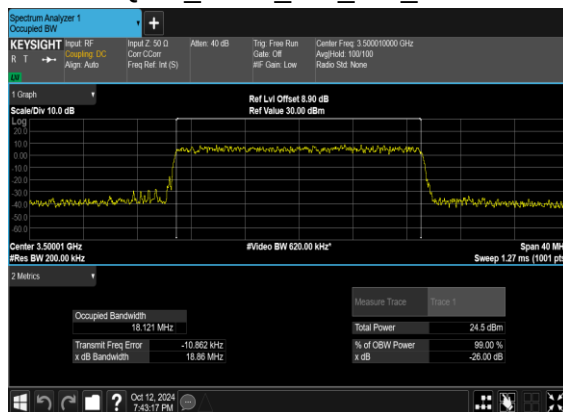
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QAM_Outer_Full_Mid_CH



N78(20M)_CP-OFDM_64
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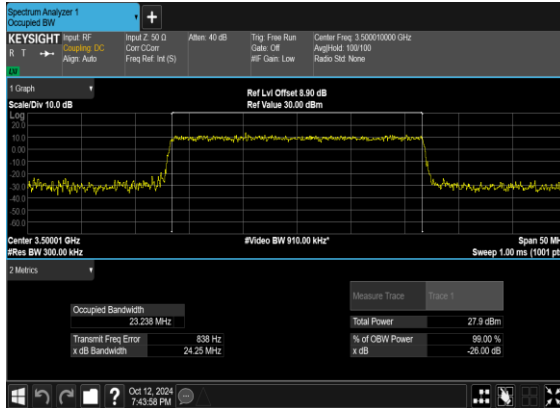


N78(20M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH

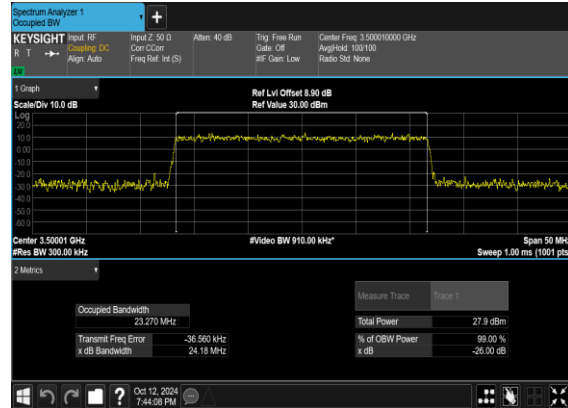




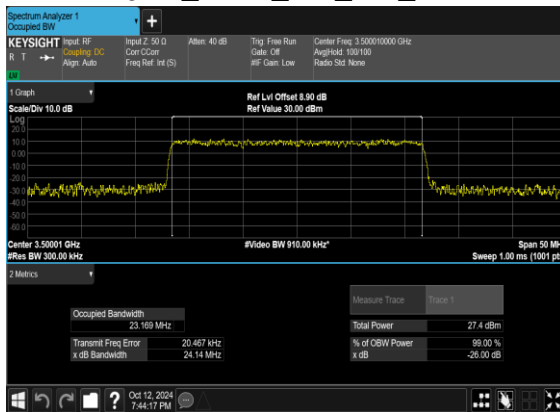
N78(25M)_CP-
OFDM_QPSK_Outer_Full_Mid_CH



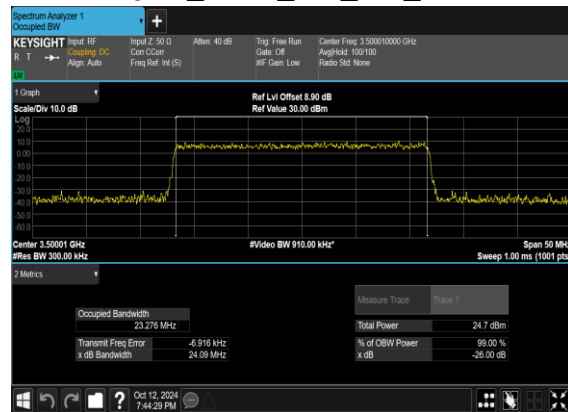
N78(25M)_CP-OFDM_16
QAM_Outer_Full_Mid_CH



N78(25M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH

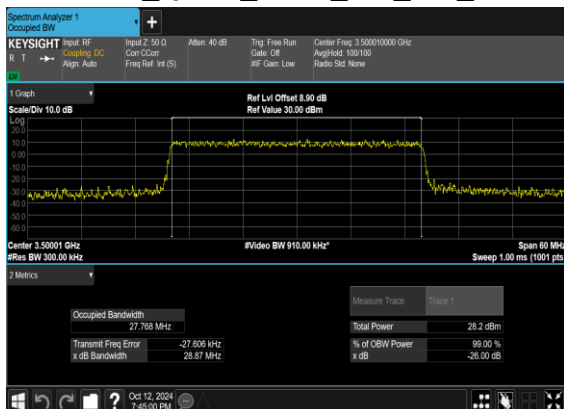


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QAM_Outer_Full_Mid_CH

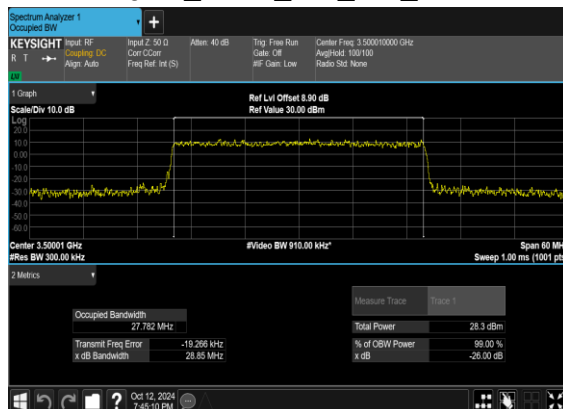




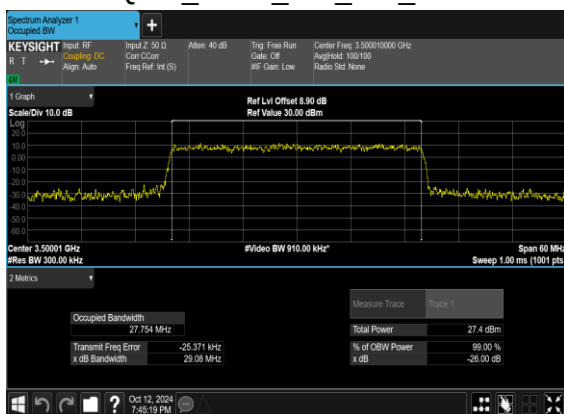
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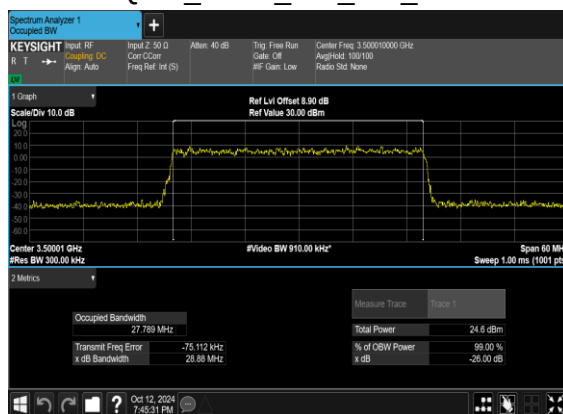
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QAM_Outer_Full_Mid_CH



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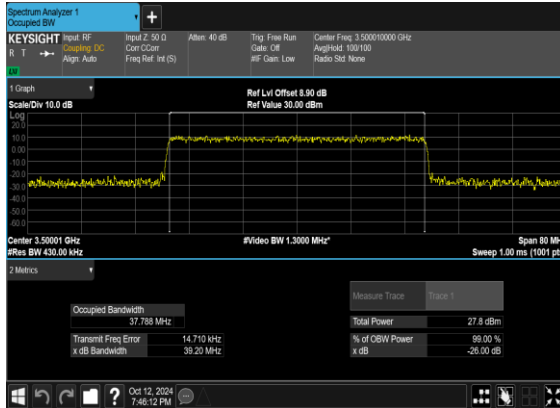


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QAM_Outer_Full_Mid_CH

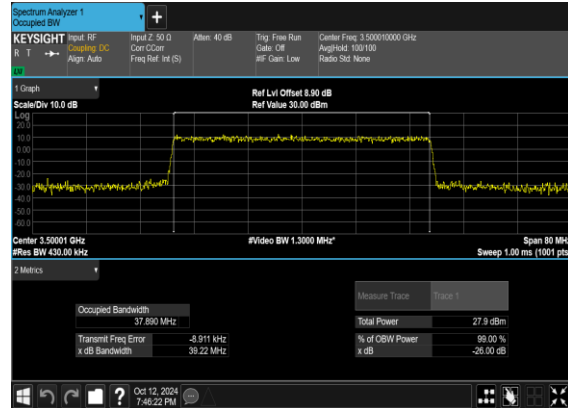




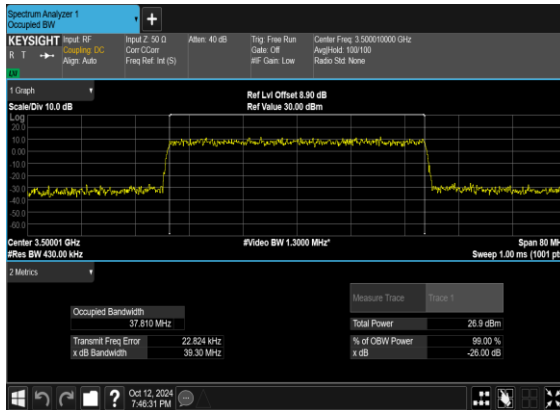
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OFDM_QPSK_Outer_Full_Mid_CH



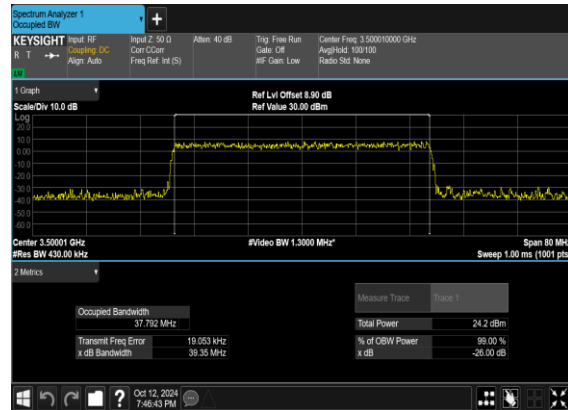
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QAM_Outer_Full_Mid_CH



N78(40M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH

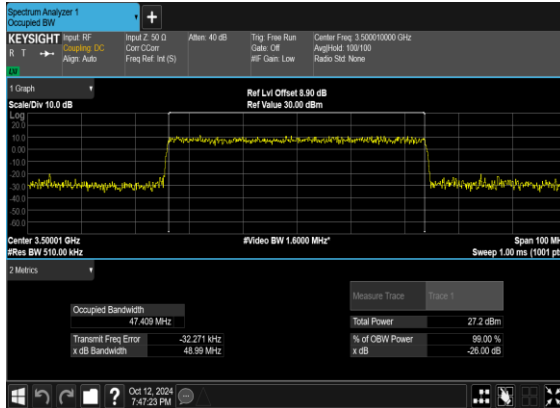


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QAM_Outer_Full_Mid_CH

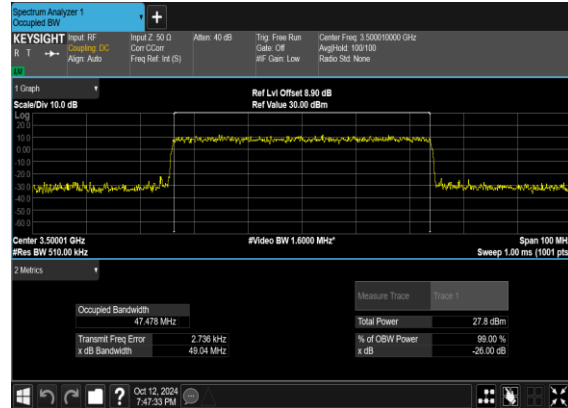




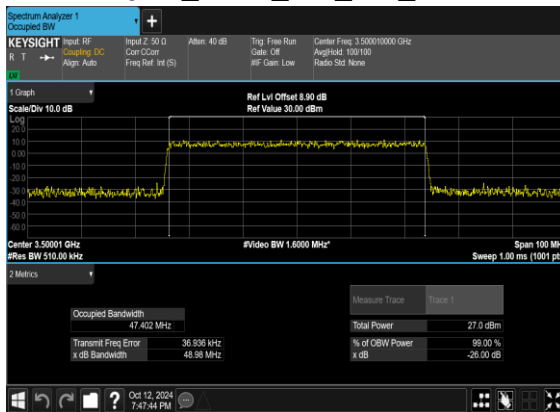
N78(50M)_CP-
OFDM_QPSK_Outer_Full_Mid_CH



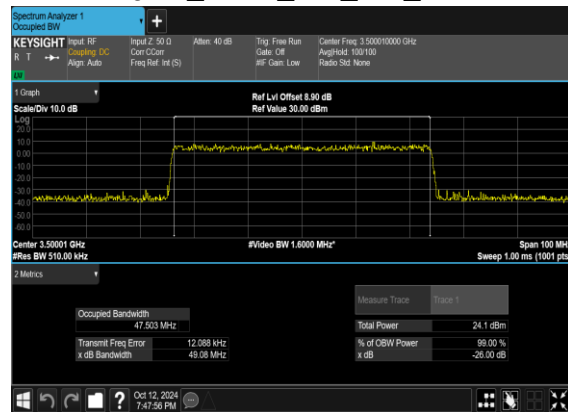
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QAM_Outer_Full_Mid_CH



N78(50M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH

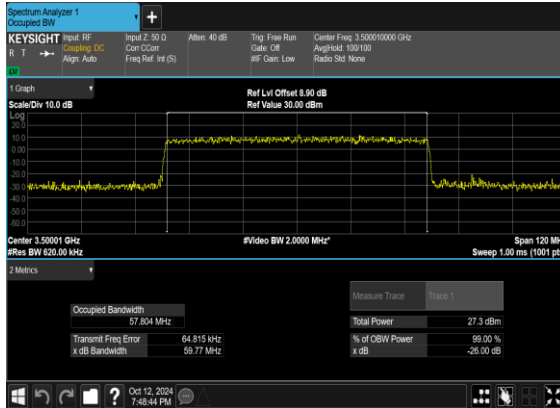


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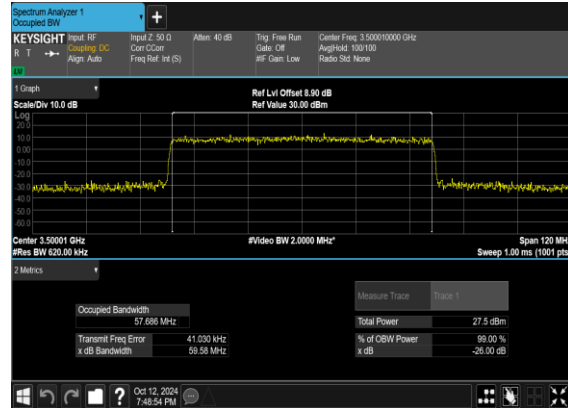




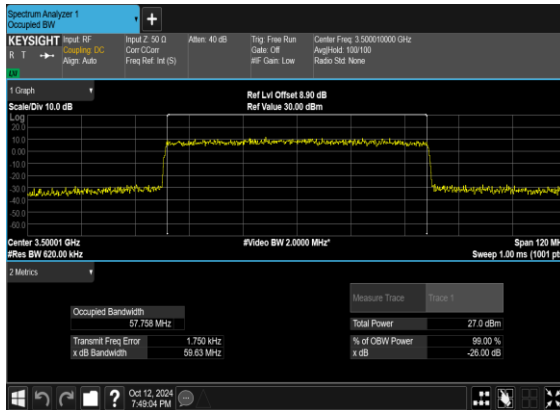
N78(60M)_CP-
OFDM_QPSK_Outer_Full_Mid_CH



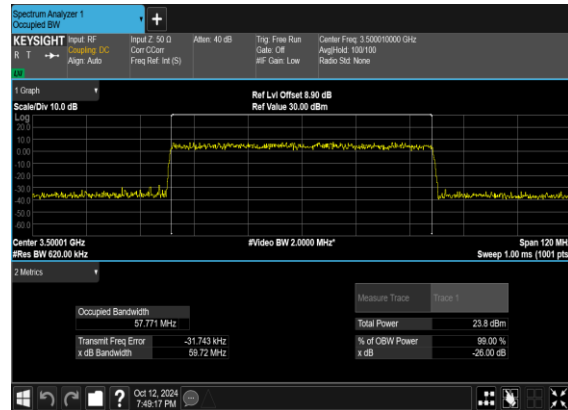
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QAM_Outer_Full_Mid_CH



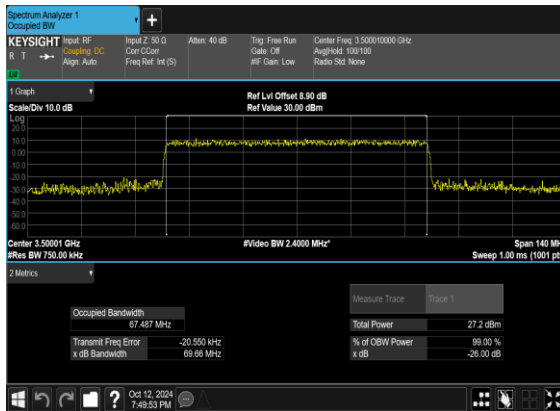
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QAM_Outer_Full_Mid_CH



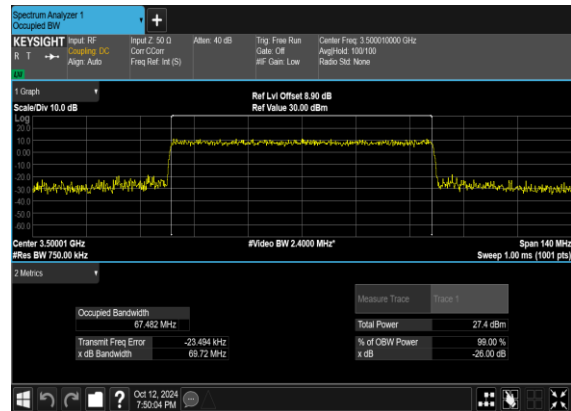
N78(60M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH



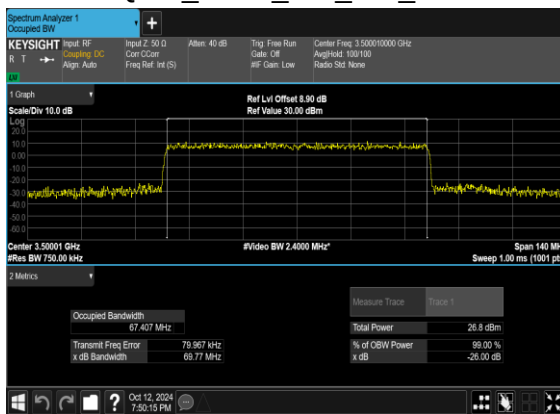
N78(70M)_CP-
OFDM_QPSK_Outer_Full_Mid_CH



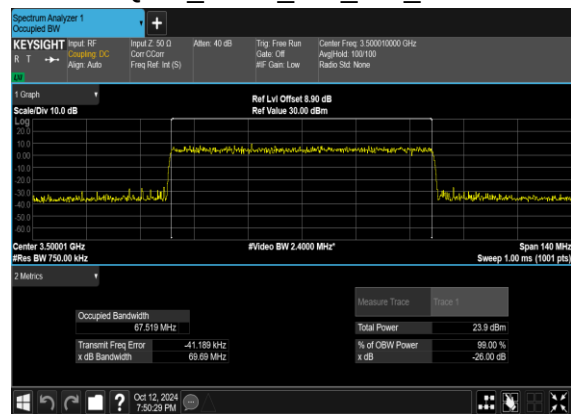
N78(70M)_CP-OFDM_16
QAM_Outer_Full_Mid_CH



N78(70M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH

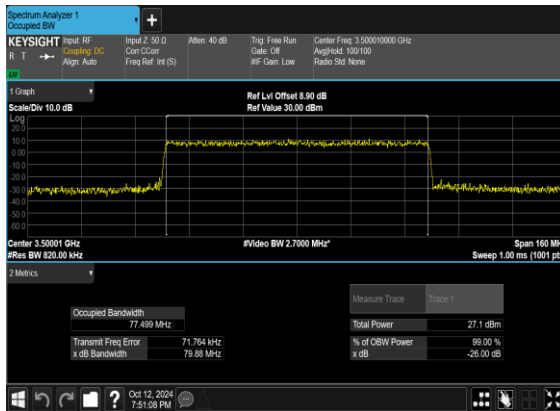


N78(70M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH

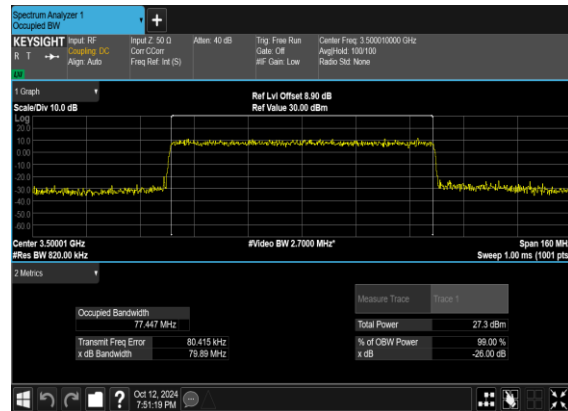




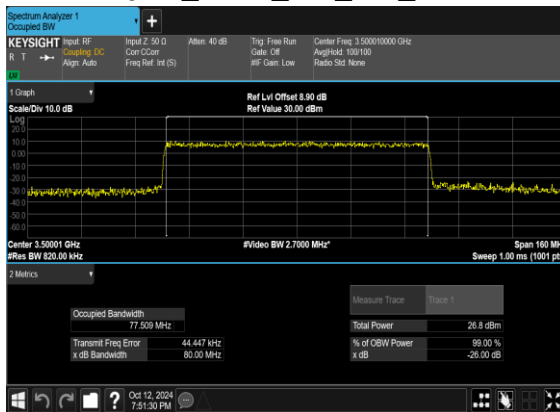
N78(80M)_CP-
OFDM_QPSK_Outer_Full_Mid_CH



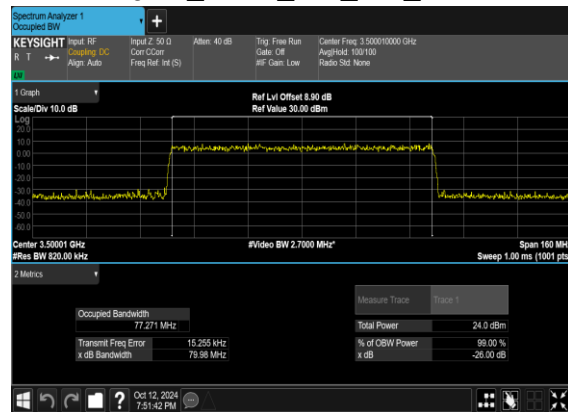
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QAM_Outer_Full_Mid_CH



N78(80M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH

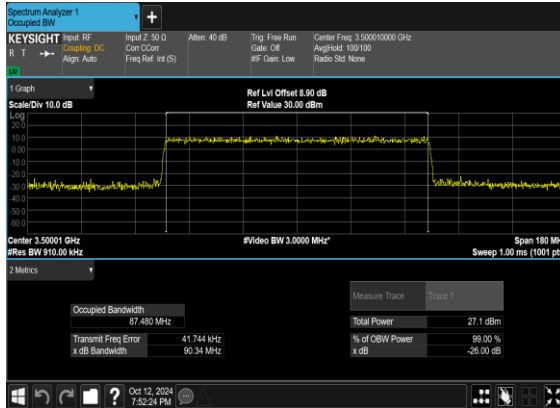


N78(80M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH

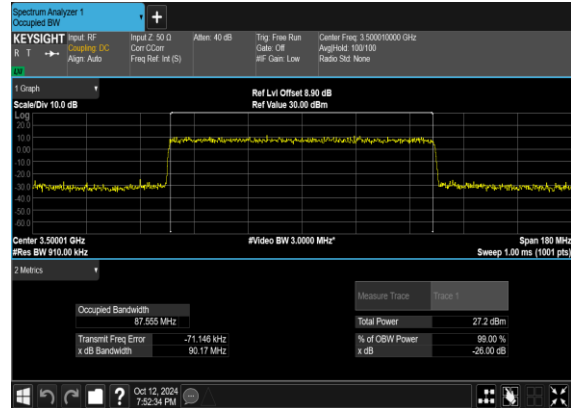




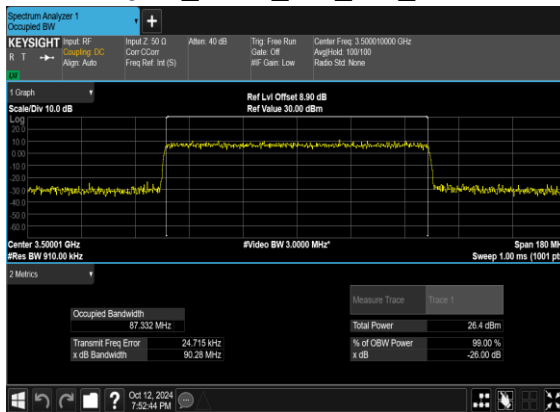
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OFDM_QPSK_Outer_Full_Mid_CH



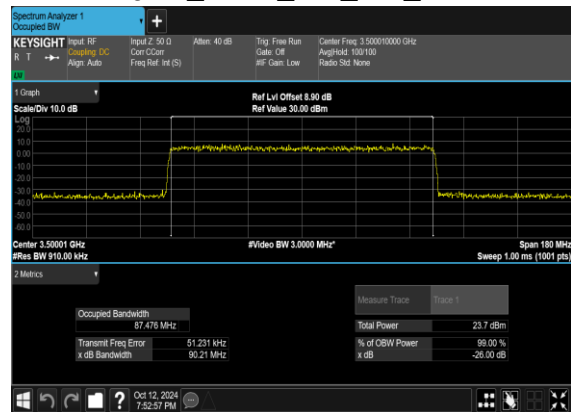
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QAM_Outer_Full_Mid_CH



N78(90M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH

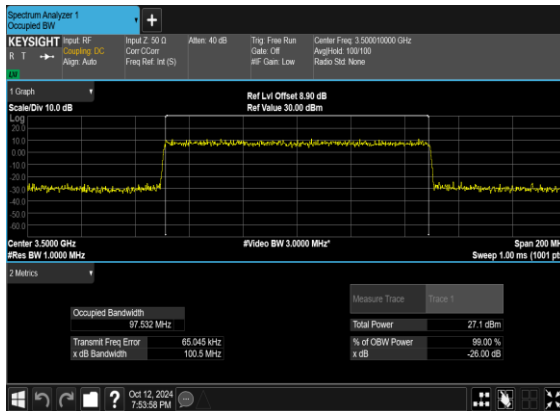


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QAM_Outer_Full_Mid_CH

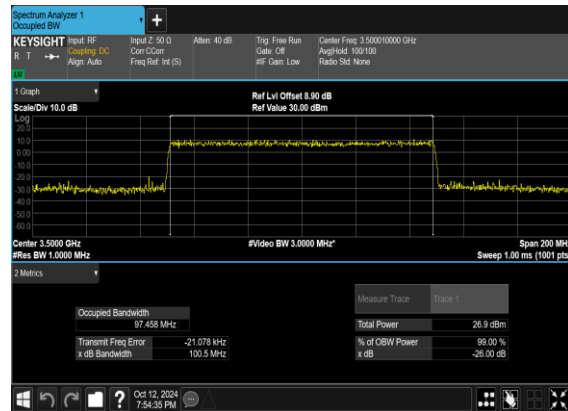




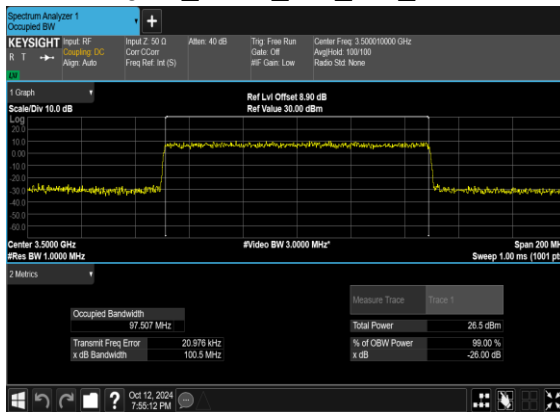
N78(100M)_CP-
OFDM_QPSK_Outer_Full_Mid_CH



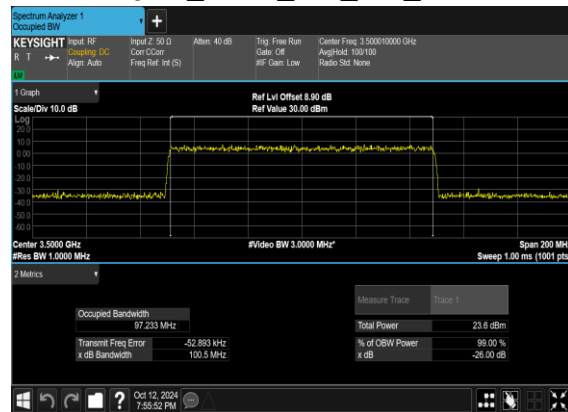
N78(100M)_CP-OFDM_16
QAM_Outer_Full_Mid_CH



N78(100M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH



N78(100M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH





Conducted Spurious Emissions

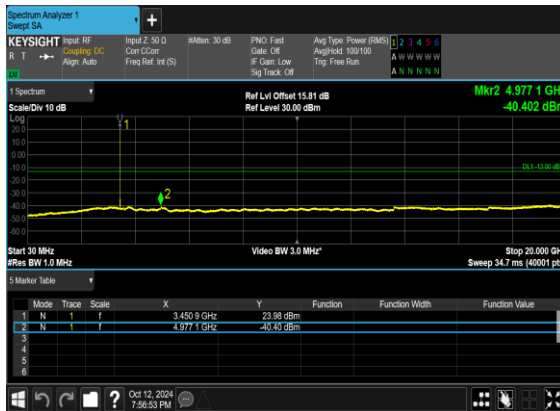
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
78	30	10	630334	3455.01	DFT-s-OFDM BPSK	1@0	see graph	---
78	30	10	630334	3455.01	DFT-s-OFDM BPSK	1@0	see graph	PASS
78	30	10	630334	3455.01	DFT-s-OFDM BPSK	1@0	see graph	PASS
78	30	10	630334	3455.01	DFT-s-OFDM QPSK	1@0	see graph	---
78	30	10	630334	3455.01	DFT-s-OFDM QPSK	1@0	see graph	PASS
78	30	10	630334	3455.01	DFT-s-OFDM QPSK	1@0	see graph	PASS
78	30	10	633334	3500.01	DFT-s-OFDM BPSK	1@0	see graph	---
78	30	10	633334	3500.01	DFT-s-OFDM BPSK	1@0	see graph	PASS
78	30	10	633334	3500.01	DFT-s-OFDM BPSK	1@0	see graph	PASS
78	30	10	633334	3500.01	DFT-s-OFDM QPSK	1@0	see graph	---
78	30	10	633334	3500.01	DFT-s-OFDM QPSK	1@0	see graph	PASS
78	30	10	633334	3500.01	DFT-s-OFDM QPSK	1@0	see graph	PASS
78	30	10	636332	3544.98	DFT-s-OFDM BPSK	1@0	see graph	---
78	30	10	636332	3544.98	DFT-s-OFDM BPSK	1@0	see graph	PASS
78	30	10	636332	3544.98	DFT-s-OFDM BPSK	1@0	see graph	PASS
78	30	10	636332	3544.98	DFT-s-OFDM QPSK	1@0	see graph	---
78	30	10	636332	3544.98	DFT-s-OFDM QPSK	1@0	see graph	PASS
78	30	10	636332	3544.98	DFT-s-OFDM QPSK	1@0	see graph	PASS
78	30	50	631668	3475.02	DFT-s-OFDM BPSK	1@0	see graph	---
78	30	50	631668	3475.02	DFT-s-OFDM BPSK	1@0	see graph	PASS
78	30	50	631668	3475.02	DFT-s-OFDM BPSK	1@0	see graph	PASS



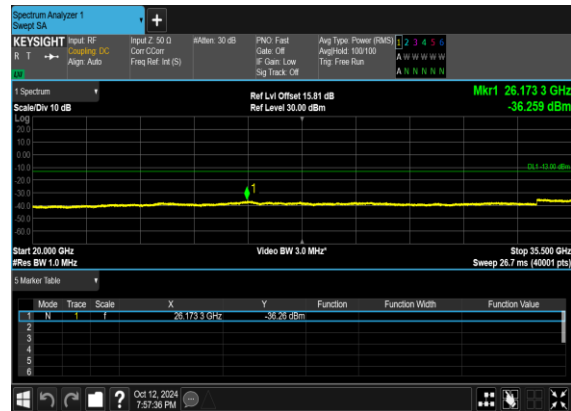
78	30	50	631668	3475.02	DFT-s-OFDM QPSK	1@0	see graph	---
78	30	50	631668	3475.02	DFT-s-OFDM QPSK	1@0	see graph	PASS
78	30	50	631668	3475.02	DFT-s-OFDM QPSK	1@0	see graph	PASS
78	30	50	633334	3500.01	DFT-s-OFDM BPSK	1@0	see graph	---
78	30	50	633334	3500.01	DFT-s-OFDM BPSK	1@0	see graph	PASS
78	30	50	633334	3500.01	DFT-s-OFDM BPSK	1@0	see graph	PASS
78	30	50	633334	3500.01	DFT-s-OFDM QPSK	1@0	see graph	---
78	30	50	633334	3500.01	DFT-s-OFDM QPSK	1@0	see graph	PASS
78	30	50	633334	3500.01	DFT-s-OFDM QPSK	1@0	see graph	PASS
78	30	50	635000	3525.0	DFT-s-OFDM BPSK	1@0	see graph	---
78	30	50	635000	3525.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
78	30	50	635000	3525.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
78	30	50	635000	3525.0	DFT-s-OFDM QPSK	1@0	see graph	---
78	30	50	635000	3525.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
78	30	50	635000	3525.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
78	30	100	633334	3500.01	DFT-s-OFDM BPSK	1@0	see graph	---
78	30	100	633334	3500.01	DFT-s-OFDM BPSK	1@0	see graph	PASS
78	30	100	633334	3500.01	DFT-s-OFDM BPSK	1@0	see graph	PASS
78	30	100	633334	3500.01	DFT-s-OFDM QPSK	1@0	see graph	---
78	30	100	633334	3500.01	DFT-s-OFDM QPSK	1@0	see graph	PASS
78	30	100	633334	3500.01	DFT-s-OFDM QPSK	1@0	see graph	PASS



N78(10M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



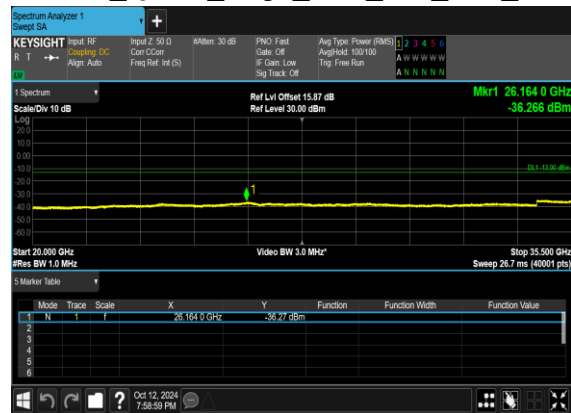
N78(10M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



N78(10M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH

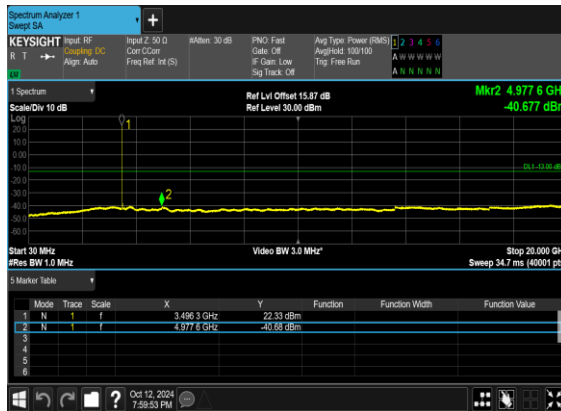


N78(10M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH

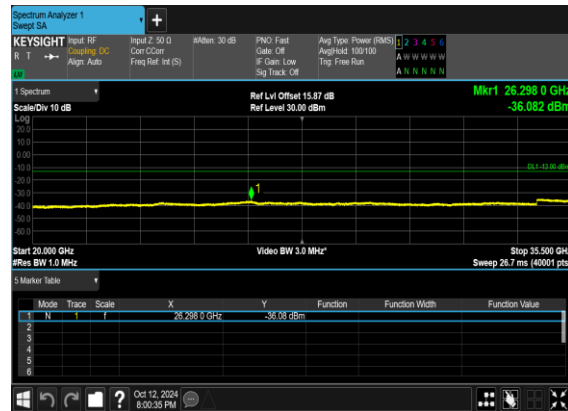




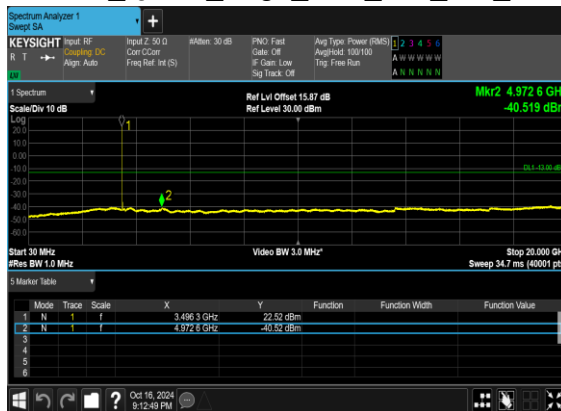
N78(10M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Mid_CH



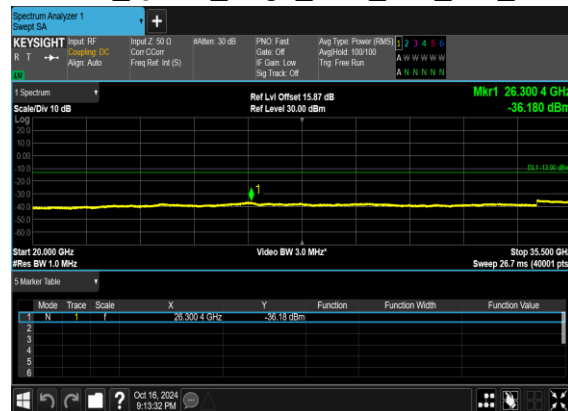
N78(10M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Mid_CH



N78(10M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Mid_CH

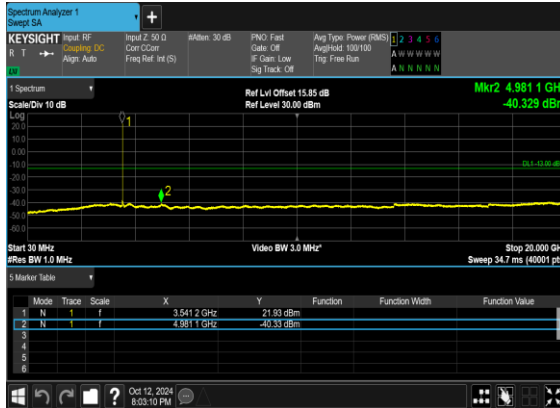


N78(10M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Mid_CH

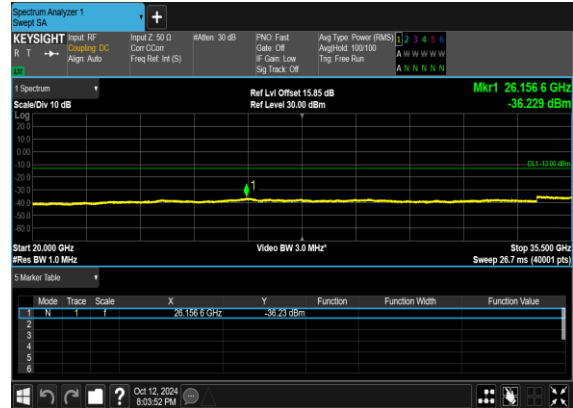




N78(10M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_High_CH



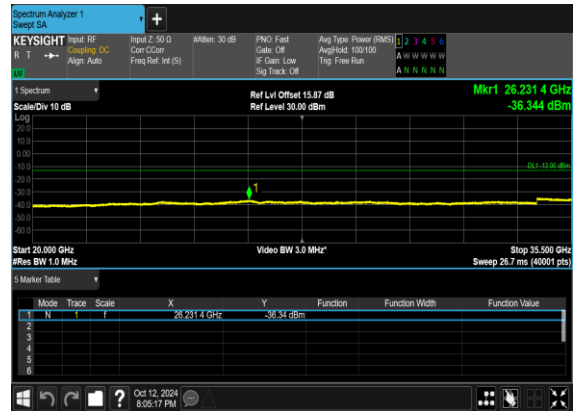
N78(10M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_High_CH



N78(10M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_High_CH

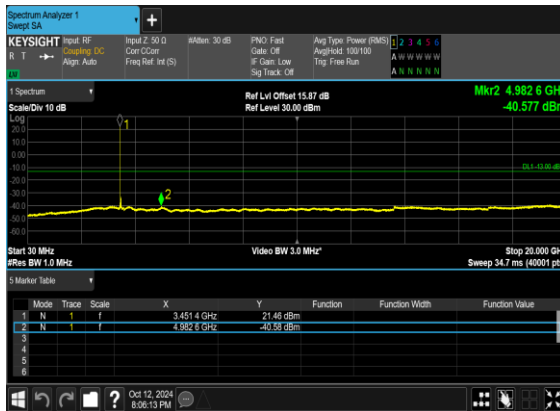


N78(10M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_High_CH

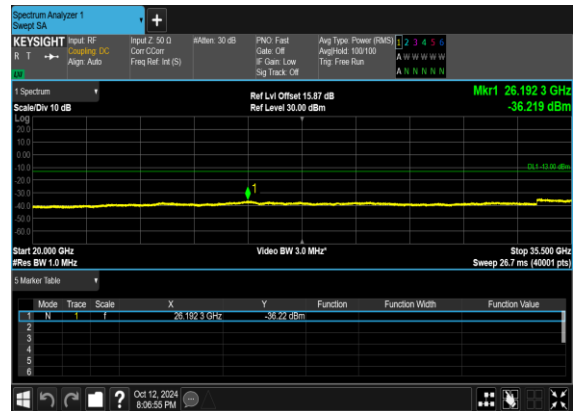




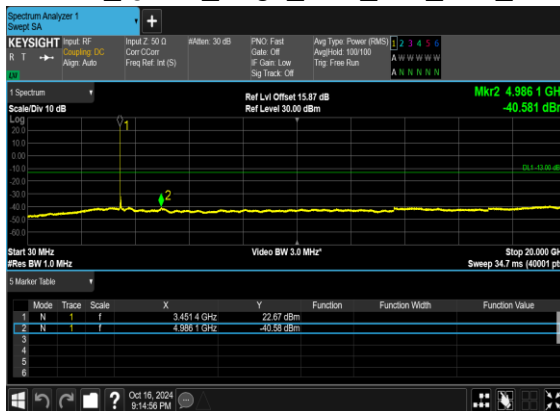
N78(50M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



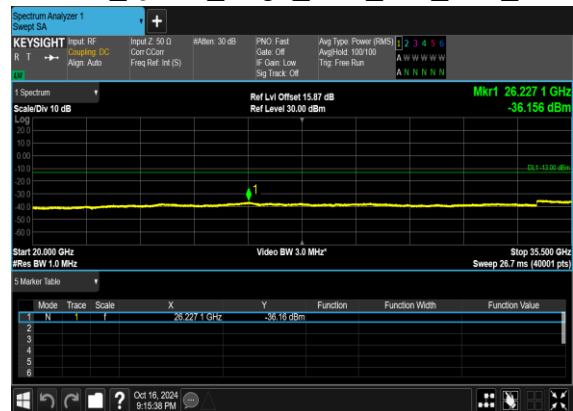
N78(50M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



N78(50M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH

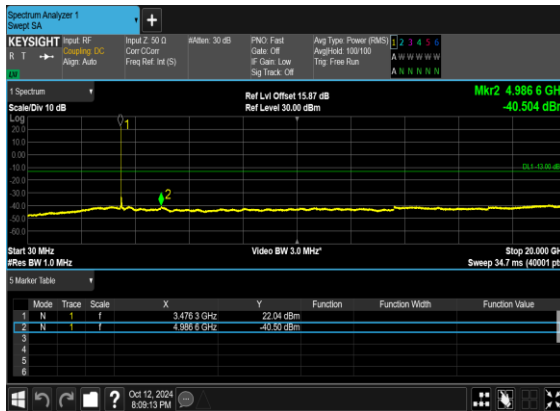


N78(50M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH

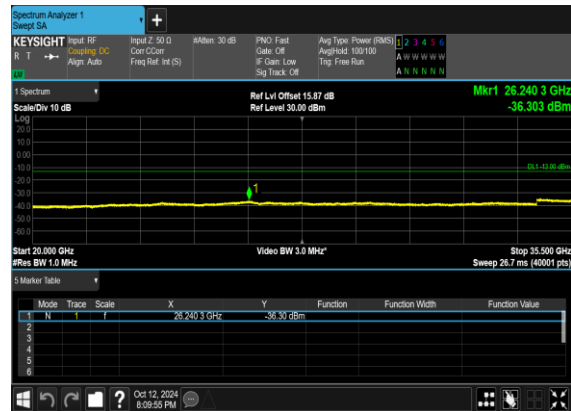




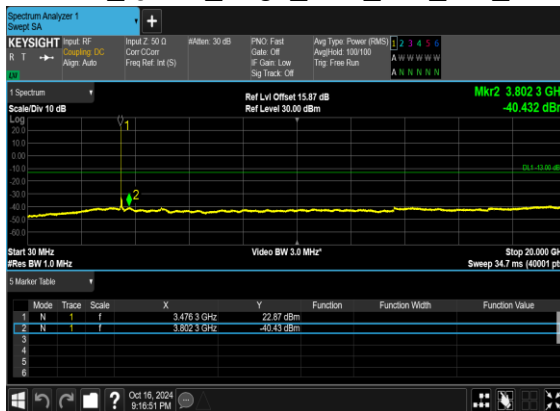
N78(50M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Mid_CH



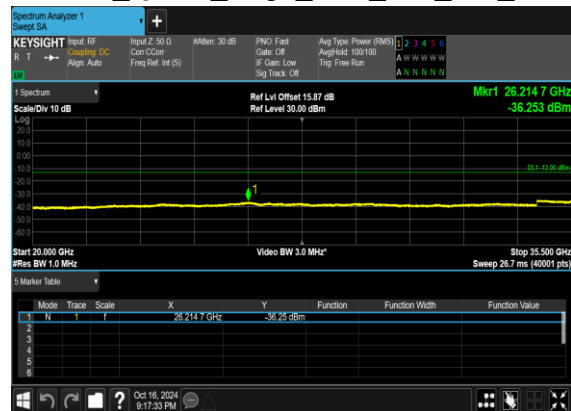
N78(50M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Mid_CH



N78(50M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Mid_CH

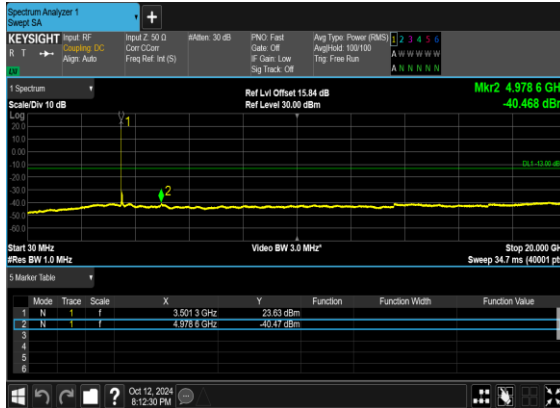


N78(50M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Mid_CH

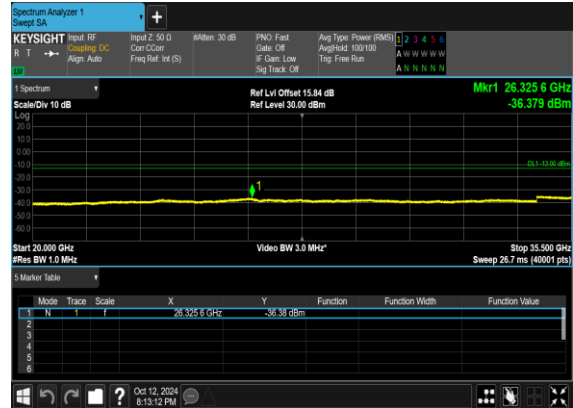




N78(50M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_High_CH



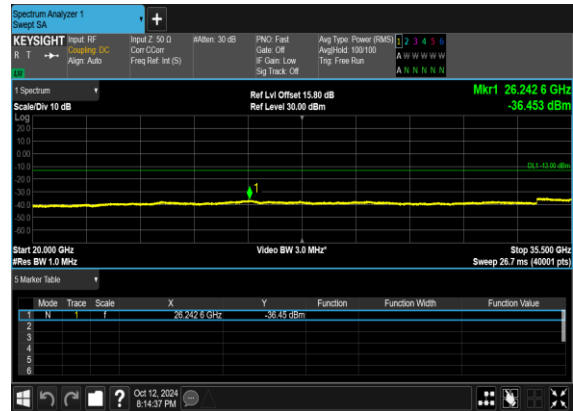
N78(50M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_High_CH



N78(50M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_High_CH



N78(50M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_High_CH

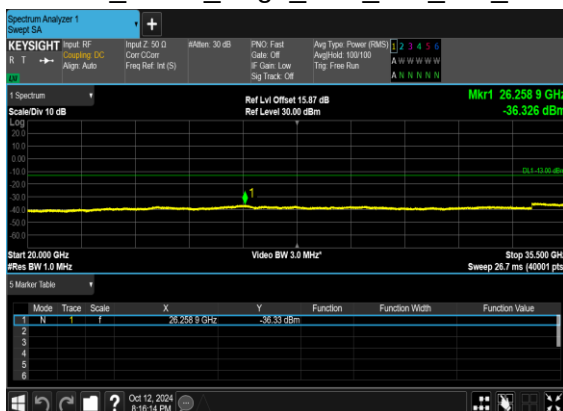




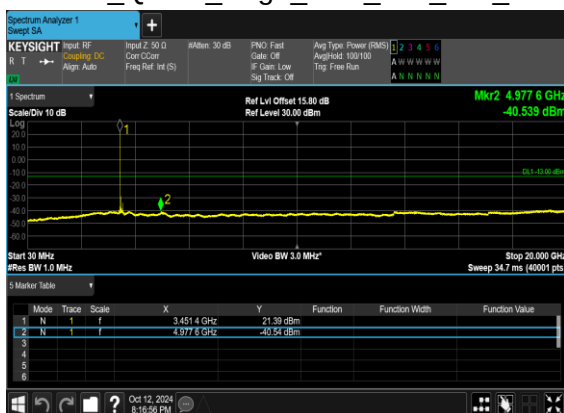
N78(100M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Mid_CH



N78(100M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Mid_CH



N78(100M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Mid_CH



N78(100M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Mid_CH



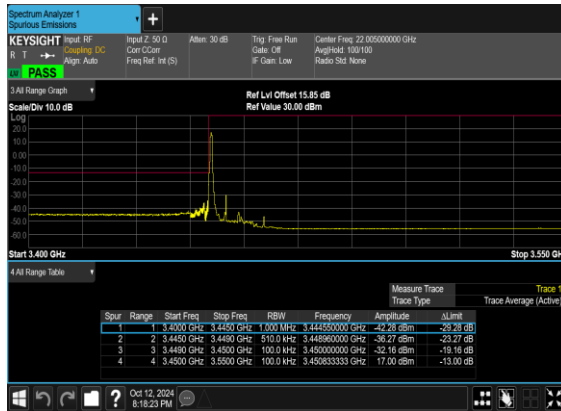


Conducted Band Edge

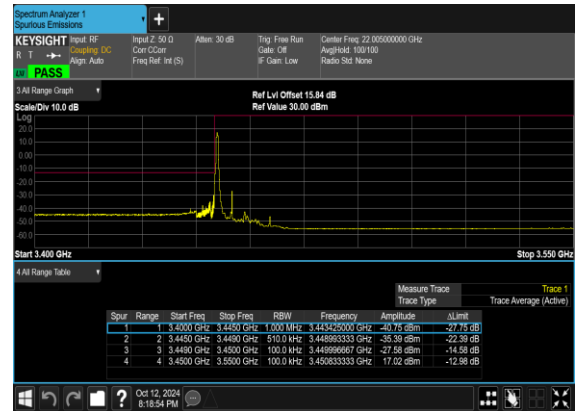
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
78	30	10	630334	3455.01	DFT-s-OFDM BPSK	1@0	see graph	PASS
78	30	10	630334	3455.01	DFT-s-OFDM QPSK	1@0	see graph	PASS
78	30	10	630334	3455.01	DFT-s-OFDM BPSK	24@0	see graph	PASS
78	30	10	630334	3455.01	DFT-s-OFDM QPSK	24@0	see graph	PASS
78	30	10	636332	3544.98	DFT-s-OFDM BPSK	1@23	see graph	PASS
78	30	10	636332	3544.98	DFT-s-OFDM QPSK	1@23	see graph	PASS
78	30	10	636332	3544.98	DFT-s-OFDM BPSK	24@0	see graph	PASS
78	30	10	636332	3544.98	DFT-s-OFDM QPSK	24@0	see graph	PASS
78	30	50	631668	3475.02	DFT-s-OFDM BPSK	1@0	see graph	PASS
78	30	50	631668	3475.02	DFT-s-OFDM QPSK	1@0	see graph	PASS
78	30	50	631668	3475.02	DFT-s-OFDM BPSK	128@0	see graph	PASS
78	30	50	631668	3475.02	DFT-s-OFDM QPSK	128@0	see graph	PASS
78	30	50	635000	3525.0	DFT-s-OFDM BPSK	1@132	see graph	PASS
78	30	50	635000	3525.0	DFT-s-OFDM QPSK	1@132	see graph	PASS
78	30	50	635000	3525.0	DFT-s-OFDM BPSK	128@0	see graph	PASS
78	30	50	635000	3525.0	DFT-s-OFDM QPSK	128@0	see graph	PASS
78	30	100	633334	3500.01	DFT-s-OFDM BPSK	1@0	see graph	PASS
78	30	100	633334	3500.01	DFT-s-OFDM QPSK	1@0	see graph	PASS
78	30	100	633334	3500.01	DFT-s-OFDM BPSK	1@272	see graph	PASS
78	30	100	633334	3500.01	DFT-s-OFDM QPSK	1@272	see graph	PASS
78	30	100	633334	3500.01	DFT-s-OFDM BPSK	270@0	see graph	PASS
78	30	100	633334	3500.01	DFT-s-OFDM QPSK	270@0	see graph	PASS



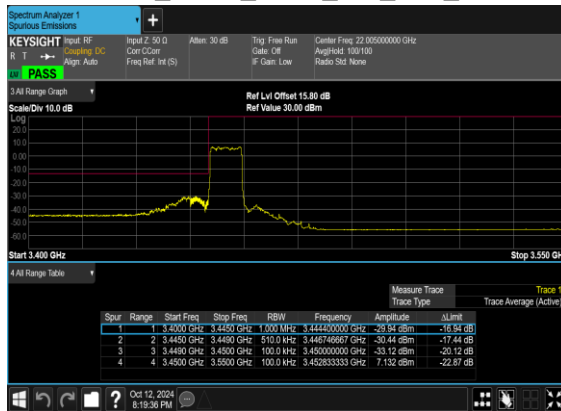
N78(10M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



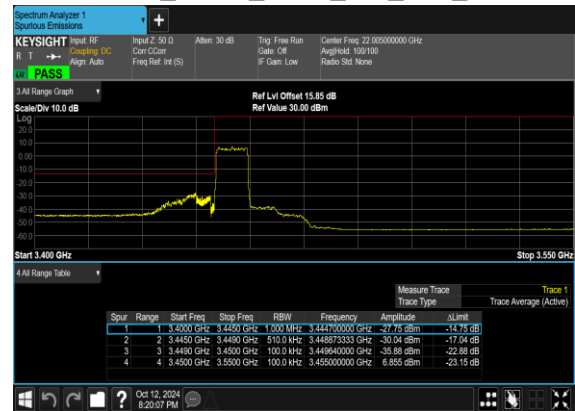
N78(10M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH



N78(10M)_DFT-s-
OFDM_BPSK_Outer_Full_Low_CH

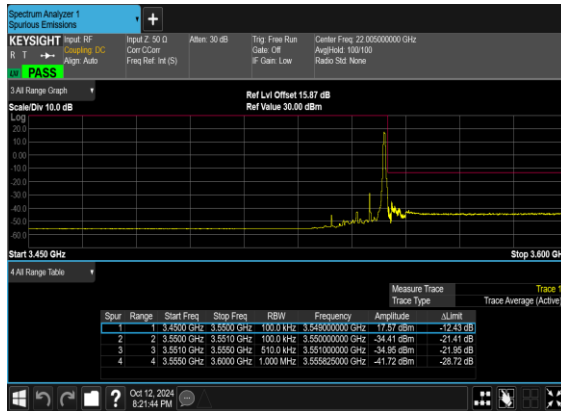


N78(10M)_DFT-s-
OFDM_QPSK_Outer_Full_Low_CH

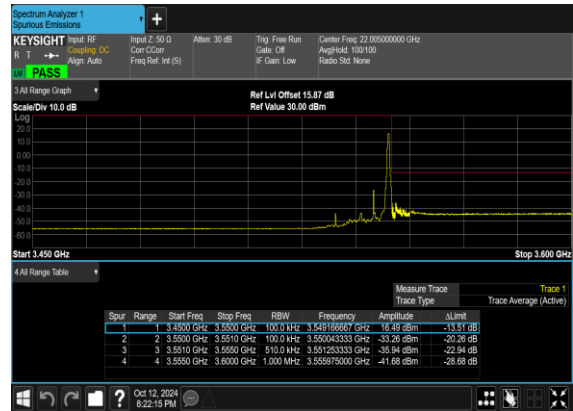




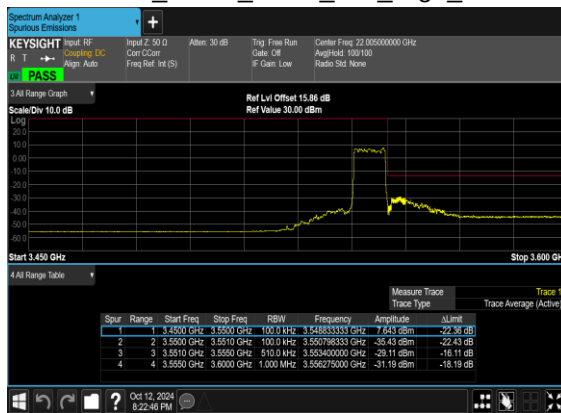
N78(10M)_DFT-s-
OFDM_BPSK_Edge_1RB_Right_High_CH



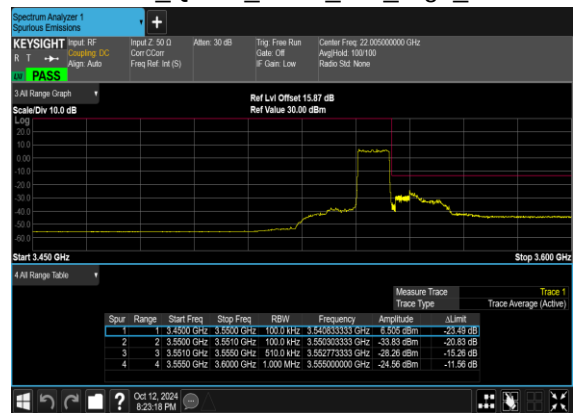
N78(10M)_DFT-s-
OFDM_QPSK_Edge_1RB_Right_High_CH



N78(10M)_DFT-s-
OFDM_BPSK_Outer_Full_High_CH

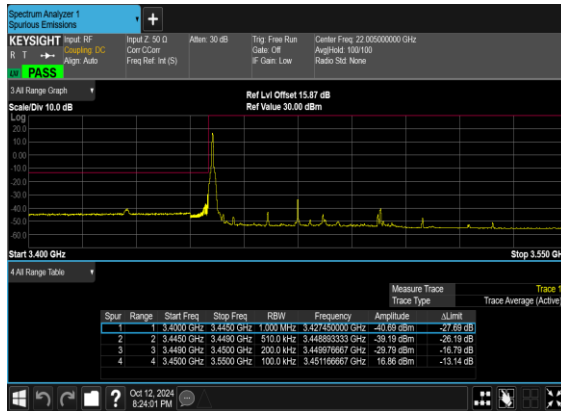


N78(10M)_DFT-s-
OFDM_QPSK_Outer_Full_High_CH

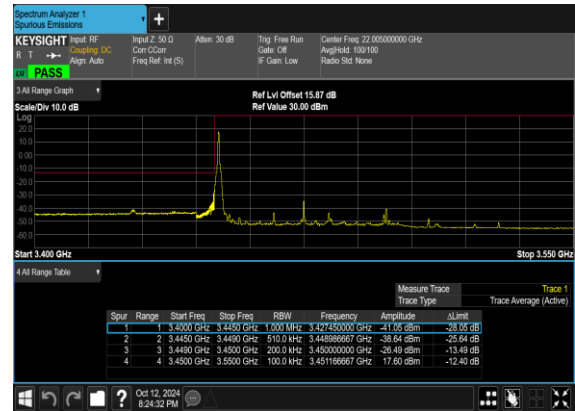




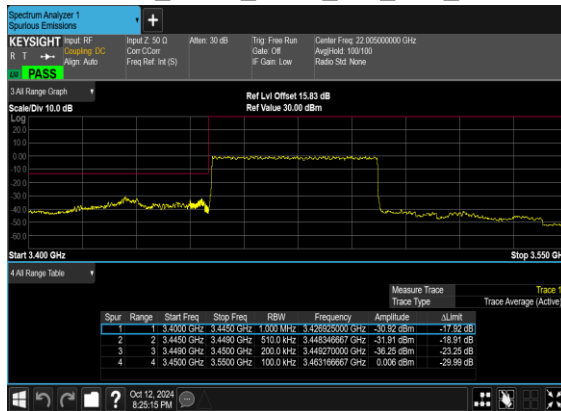
N78(50M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



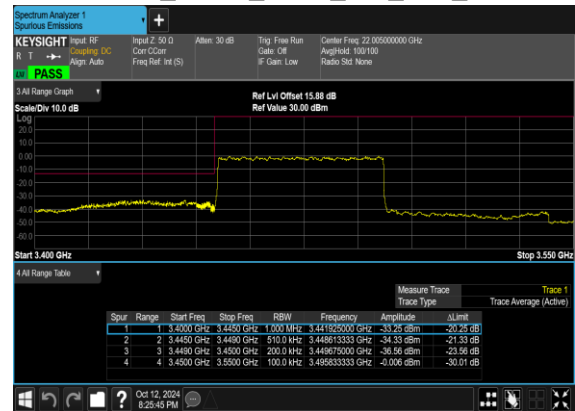
N78(50M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH



N78(50M)_DFT-s-
OFDM_BPSK_Outer_Full_Low_CH

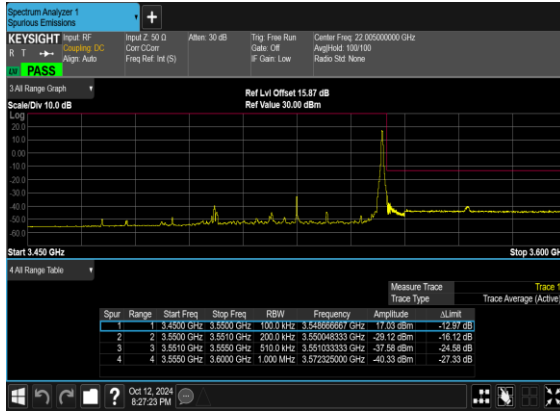


N78(50M)_DFT-s-
OFDM_QPSK_Outer_Full_Low_CH

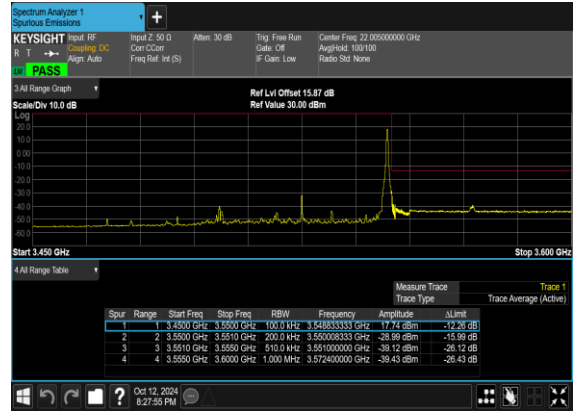




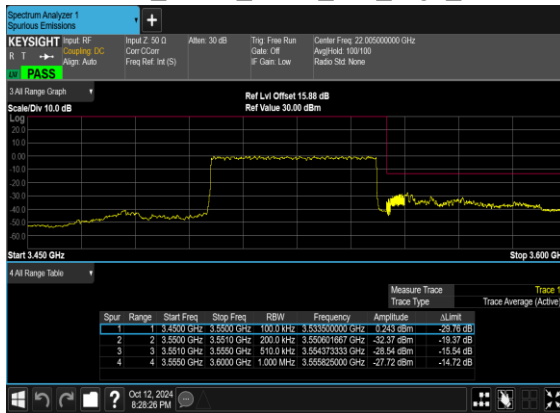
N78(50M)_DFT-s-
OFDM_BPSK_Edge_1RB_Right_High_CH



N78(50M)_DFT-s-
OFDM_QPSK_Edge_1RB_Right_High_CH



N78(50M)_DFT-s-
OFDM_BPSK_Outer_Full_High_CH

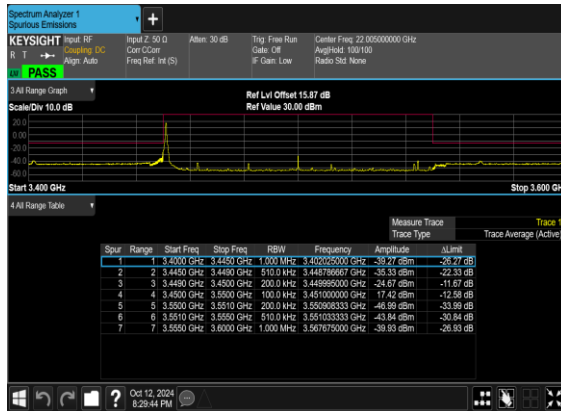


N78(50M)_DFT-s-
OFDM_QPSK_Outer_Full_High_CH

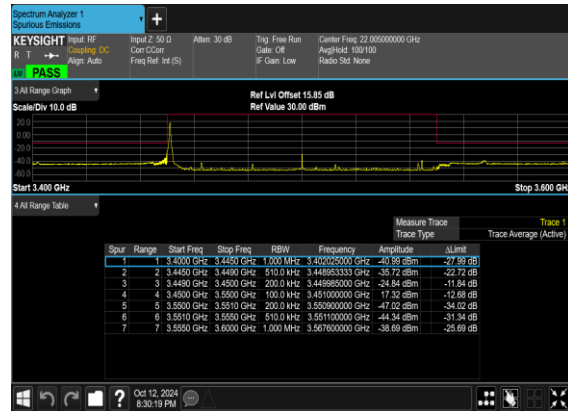




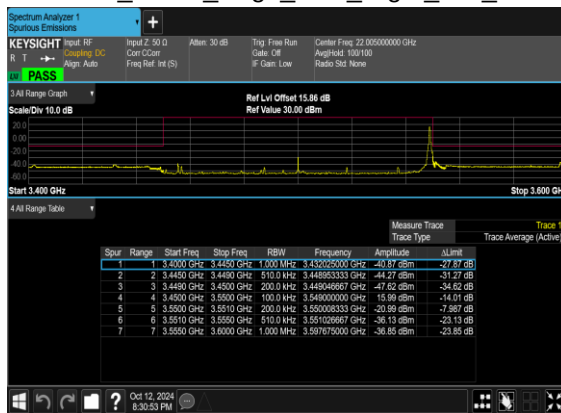
N78(100M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Mid_CH



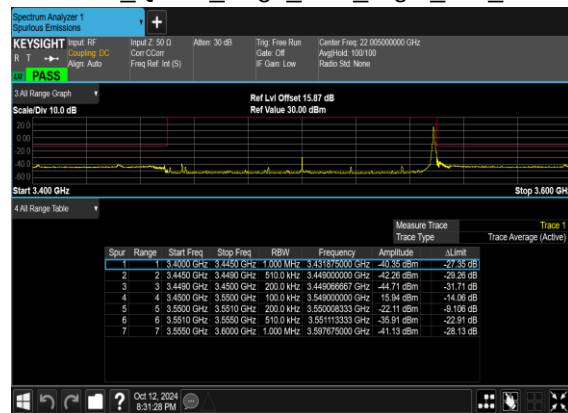
N78(100M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Mid_CH



N78(100M)_DFT-s-
OFDM_BPSK_Edge_1RB_Right_Mid_CH

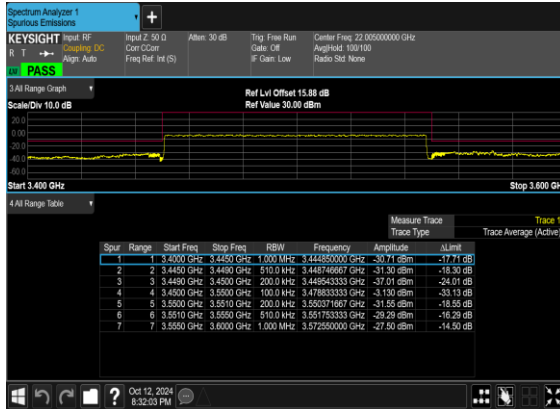


N78(100M)_DFT-s-
OFDM_QPSK_Edge_1RB_Right_Mid_CH

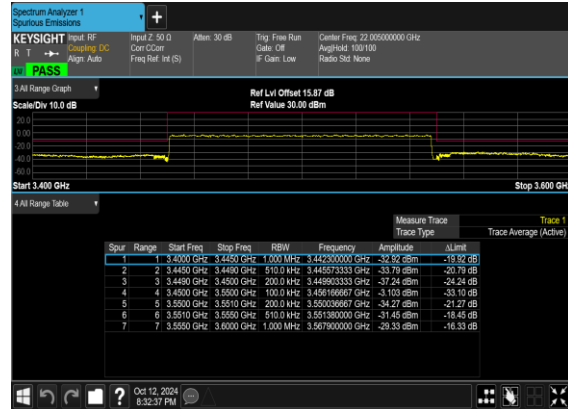




N78(100M)_DFT-s-
OFDM_BPSK_Outer_Full_Mid_CH



N78(100M)_DFT-s-
OFDM_QPSK_Outer_Full_Mid_CH



Appendix B. Test Results of Radiated Test

Radiated Spurious Emission

Test Engineer :	Shiwei Wen	Temperature :	22~25°C
		Relative Humidity :	48~52%

RSE pre-scanned harmonic for different antennas, choose the worst antenna perform final test and record in the report.

n77 SA / NR 100MHz / QPSK / ANT6(NR)									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
NR n77 Middle	6902.38	-59.47	-13	-46.47	-64.19	-60.99	11.98	13.50	H
	10353.57	-55.19	-13	-42.19	-66.83	-55.19	13.60	13.60	H
	13804.76	-52.17	-13	-39.17	-67.48	-51.77	15.50	15.10	H
	6902.38	-59.22	-13	-46.22	-64.42	-60.74	11.98	13.50	V
	10353.57	-55.94	-13	-42.94	-66.71	-55.94	13.60	13.60	V
	13804.76	-53.27	-13	-40.27	-67.92	-52.87	15.50	15.10	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

EN-DC_7A_n78A / LTE 20MHz + NR 90MHz / QPSK / ANT2 (LTE) & ANT6(NR)									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
NR n78 Middle	6902.38	-59.87	-13	-46.87	-64.59	-63.17	8.30	11.60	H
	10353.57	-55.36	-13	-42.36	-67.00	-56.88	10.48	12.00	H
	13804.76	-52.73	-13	-39.73	-68.04	-54.43	11.80	13.50	H
	6902.38	-59.46	-13	-46.46	-64.66	-62.76	8.30	11.60	V
	10353.57	-56.05	-13	-43.05	-66.82	-57.57	10.48	12.00	V
	13804.76	-53.49	-13	-40.49	-68.14	-55.19	11.80	13.50	V
LTE Band 7 Middle	5061.00	-56.40	-25	-31.40	-78.38	-61.96	7.14	12.70	H
	7591.50	-47.31	-25	-22.31	-53.21	-50.61	8.30	11.60	H
	10122.00	-55.09	-25	-30.09	-66.26	-56.61	10.48	12.00	H
	5061.00	-50.40	-25	-25.40	-72.52	-55.96	7.14	12.70	V
	7591.50	-44.68	-25	-19.68	-50.53	-47.98	8.30	11.60	V
	10122.00	-53.16	-25	-28.16	-62.96	-54.68	10.48	12.00	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.