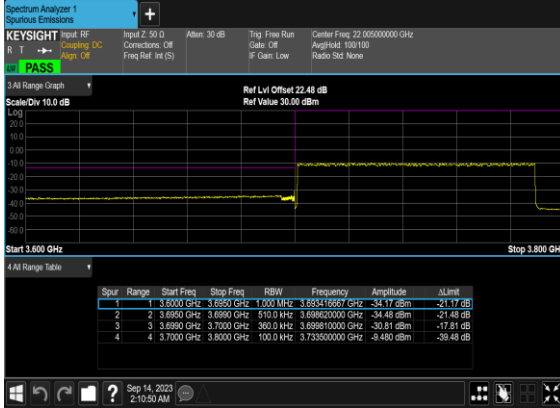
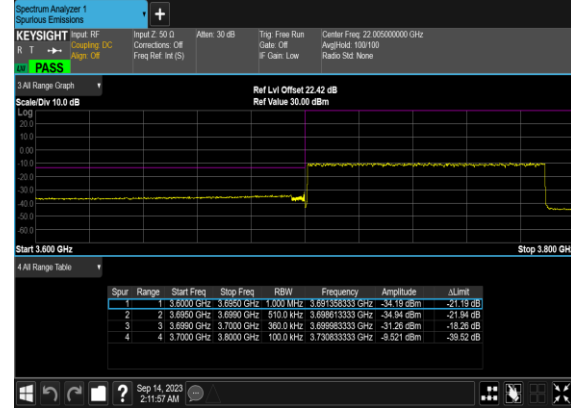


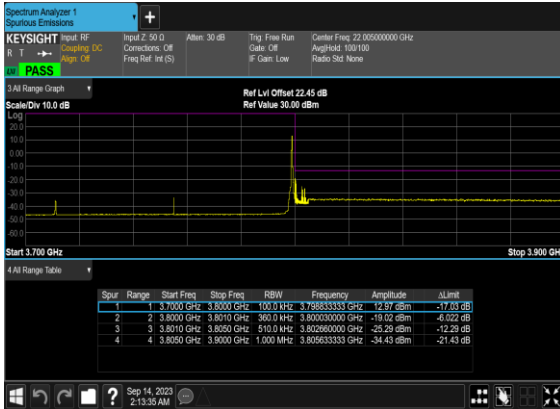
N78(90M)_CP-OFDM_QPSK_Outer_Full_Low_CH



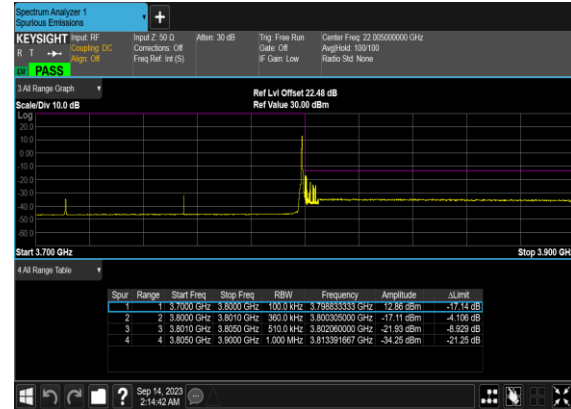
N78(90M)_CP-OFDM_16 QAM_Outer_Full_Low_CH



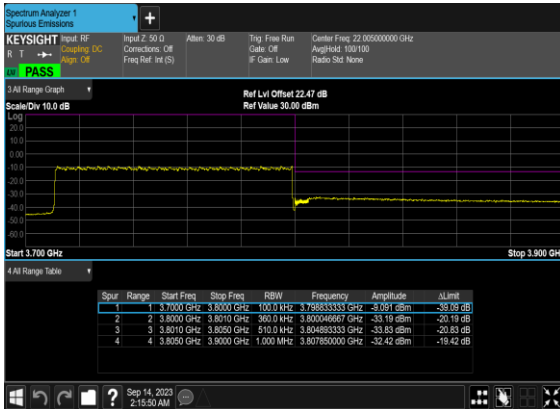
N78(90M)_CP-OFDM_QPSK_Edge_1RB_Right_High_CH



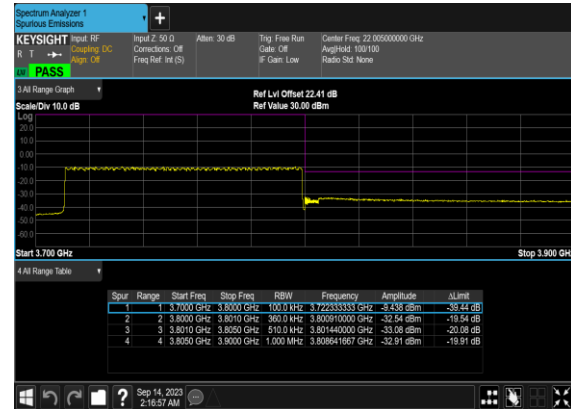
N78(90M)_CP-OFDM_16 QAM_Edge_1RB_Right_High_CH



N78(90M)_CP-OFDM_QPSK_Outer_Full_High_CH



N78(90M)_CP-OFDM_16 QAM_Outer_Full_High_CH



FR1 N78 MIMO_ANT8

Transmitter Conducted Output Power And EIRP, (GT - LC)=-1.2dB

NR Band	SCS	Band Width	Arfcn	Freq (MHz)	Modulation	RB	ANT8 Power(dBm)	ANT5 Power(dBm)	Conducted Power(dBm)	EIRP (dBm)	EIRP (W)
78	30	100	650000	3750	CP-OFDM QPSK	137@68	20.82	20.87	23.86	22.66	0.1843
78	30	100	650000	3750	CP-OFDM QPSK	1@1	21.06	21.08	24.10	22.90	0.1950
78	30	100	650000	3750	CP-OFDM QPSK	1@271	20.94	21	23.98	22.78	0.1897
78	30	100	650000	3750	CP-OFDM 16 QAM	137@68	20.32	20.37	23.36	22.16	0.1643
78	30	100	650000	3750	CP-OFDM 16 QAM	1@1	20.34	20.44	23.40	22.20	0.1660
78	30	100	650000	3750	CP-OFDM 16 QAM	1@271	20.15	20.31	23.24	22.04	0.1600
78	30	100	650000	3750	CP-OFDM 64 QAM	137@68	18.87	18.88	21.89	20.69	0.1171
78	30	100	650000	3750	CP-OFDM 64 QAM	1@1	18.6	18.72	21.67	20.47	0.1114
78	30	100	650000	3750	CP-OFDM 64 QAM	1@271	18.67	18.77	21.73	20.53	0.1130
78	30	100	650000	3750	CP-OFDM 256 QAM	137@68	15.82	15.8	18.82	17.62	0.0578
78	30	100	650000	3750	CP-OFDM 256 QAM	1@1	16.07	16.08	19.09	17.89	0.0615
78	30	100	650000	3750	CP-OFDM 256 QAM	1@271	15.96	15.96	18.97	17.77	0.0598
78	30	20	647334	3710.01	CP-OFDM QPSK	1@1	20.72	21.16	23.96	22.76	0.1886
78	30	20	647334	3710.01	CP-OFDM 16 QAM	1@1	20.12	20.13	23.14	21.94	0.1561
78	30	20	647334	3710.01	CP-OFDM 64 QAM	1@1	18.76	18.84	21.81	20.61	0.1151
78	30	20	650000	3750	CP-OFDM QPSK	1@1	21.02	21.01	24.03	22.83	0.1917
78	30	20	650000	3750	CP-OFDM 16 QAM	1@1	20.16	20.19	23.19	21.99	0.1580
78	30	20	650000	3750	CP-OFDM 64 QAM	1@1	18.74	18.76	21.76	20.56	0.1138
78	30	20	652666	3789.99	CP-OFDM QPSK	1@1	21.07	21.11	24.08	22.88	0.1941
78	30	20	652666	3789.99	CP-OFDM 16 QAM	1@1	20.23	20.24	23.25	22.05	0.1602
78	30	20	652666	3789.99	CP-OFDM 64 QAM	1@1	18.43	18.56	21.51	20.31	0.1073
78	30	30	647668	3715.02	CP-OFDM QPSK	1@1	20.83	21.22	24.04	22.84	0.1923
78	30	30	647668	3715.02	CP-OFDM 16 QAM	1@1	20.26	20.22	23.25	22.05	0.1603
78	30	30	647668	3715.02	CP-OFDM 64 QAM	1@1	18.52	18.64	21.59	20.39	0.1094
78	30	30	650000	3750	CP-OFDM QPSK	1@1	20.82	21.01	23.93	22.73	0.1873
78	30	30	650000	3750	CP-OFDM 16 QAM	1@1	20.32	20.28	23.31	22.11	0.1626
78	30	30	650000	3750	CP-OFDM 64 QAM	1@1	18.64	18.72	21.69	20.49	0.1120
78	30	30	652332	3784.98	CP-OFDM QPSK	1@1	21.06	21.07	24.08	22.88	0.1939
78	30	30	652332	3784.98	CP-OFDM 16 QAM	1@1	20.27	20.31	23.30	22.10	0.1622
78	30	30	652332	3784.98	CP-OFDM 64 QAM	1@1	18.62	18.73	21.69	20.49	0.1118

78	30	40	648000	3720	CP-OFDM QPSK	1@1	20.88	21.19	24.05	22.85	0.1927
78	30	40	648000	3720	CP-OFDM 16 QAM	1@1	20.28	20.32	23.31	22.11	0.1626
78	30	40	648000	3720	CP-OFDM 64 QAM	1@1	18.53	18.56	21.56	20.36	0.1085
78	30	40	650000	3750	CP-OFDM QPSK	1@1	20.84	21.04	23.95	22.75	0.1884
78	30	40	650000	3750	CP-OFDM 16 QAM	1@1	20.28	20.16	23.23	22.03	0.1596
78	30	40	650000	3750	CP-OFDM 64 QAM	1@1	18.6	18.73	21.68	20.48	0.1116
78	30	40	652000	3780	CP-OFDM QPSK	1@1	21.02	21.07	24.06	22.86	0.1930
78	30	40	652000	3780	CP-OFDM 16 QAM	1@1	20.01	20.23	23.13	21.93	0.1560
78	30	40	652000	3780	CP-OFDM 64 QAM	1@1	18.82	18.69	21.77	20.57	0.1139
78	30	50	648334	3725.01	CP-OFDM QPSK	1@1	20.76	21.07	23.93	22.73	0.1874
78	30	50	648334	3725.01	CP-OFDM 16 QAM	1@1	20.29	20.32	23.32	22.12	0.1628
78	30	50	648334	3725.01	CP-OFDM 64 QAM	1@1	18.64	18.67	21.67	20.47	0.1113
78	30	50	650000	3750	CP-OFDM QPSK	1@1	20.74	20.75	23.76	22.56	0.1801
78	30	50	650000	3750	CP-OFDM 16 QAM	1@1	20.42	20.43	23.44	22.24	0.1673
78	30	50	650000	3750	CP-OFDM 64 QAM	1@1	18.76	18.72	21.75	20.55	0.1135
78	30	50	651666	3774.99	CP-OFDM QPSK	1@1	20.73	20.76	23.76	22.56	0.1801
78	30	50	651666	3774.99	CP-OFDM 16 QAM	1@1	20.38	20.41	23.41	22.21	0.1662
78	30	50	651666	3774.99	CP-OFDM 64 QAM	1@1	18.45	18.51	21.49	20.29	0.1069
78	30	60	648668	3730.02	CP-OFDM QPSK	1@1	20.71	21.02	23.88	22.68	0.1853
78	30	60	648668	3730.02	CP-OFDM 16 QAM	1@1	20.29	20.32	23.32	22.12	0.1628
78	30	60	648668	3730.02	CP-OFDM 64 QAM	1@1	18.68	18.64	21.67	20.47	0.1114
78	30	60	650000	3750	CP-OFDM QPSK	1@1	20.79	20.86	23.84	22.64	0.1835
78	30	60	650000	3750	CP-OFDM 16 QAM	1@1	20.18	20.22	23.21	22.01	0.1589
78	30	60	650000	3750	CP-OFDM 64 QAM	1@1	18.63	18.74	21.70	20.50	0.1121
78	30	60	651332	3769.98	CP-OFDM QPSK	1@1	20.53	20.83	23.69	22.49	0.1775
78	30	60	651332	3769.98	CP-OFDM 16 QAM	1@1	20.12	20.19	23.17	21.97	0.1572
78	30	60	651332	3769.98	CP-OFDM 64 QAM	1@1	18.52	18.63	21.59	20.39	0.1093
78	30	70	649000	3735	CP-OFDM QPSK	1@1	20.53	20.99	23.78	22.58	0.1810
78	30	70	649000	3735	CP-OFDM 16 QAM	1@1	20.16	20.2	23.19	21.99	0.1581
78	30	70	649000	3735	CP-OFDM 64 QAM	1@1	18.56	18.64	21.61	20.41	0.1099
78	30	70	650000	3750	CP-OFDM QPSK	1@1	20.62	20.82	23.73	22.53	0.1791
78	30	70	650000	3750	CP-OFDM 16 QAM	1@1	20.14	20.12	23.14	21.94	0.1563
78	30	70	650000	3750	CP-OFDM 64 QAM	1@1	18.61	18.84	21.74	20.54	0.1132
78	30	70	651000	3765	CP-OFDM QPSK	1@1	20.64	20.95	23.81	22.61	0.1823
78	30	70	651000	3765	CP-OFDM 16 QAM	1@1	20.22	20.19	23.22	22.02	0.1590
78	30	70	651000	3765	CP-OFDM 64 QAM	1@1	18.91	18.94	21.94	20.74	0.1184

78	30	80	649334	3740.01	CP-OFDM QPSK	1@1	20.45	20.86	23.67	22.47	0.1766
78	30	80	649334	3740.01	CP-OFDM 16 QAM	1@1	20.16	20.43	23.31	22.11	0.1625
78	30	80	649334	3740.01	CP-OFDM 64 QAM	1@1	18.63	18.74	21.70	20.50	0.1121
78	30	80	650000	3750	CP-OFDM QPSK	1@1	20.74	20.86	23.81	22.61	0.1824
78	30	80	650000	3750	CP-OFDM 16 QAM	1@1	20.43	20.04	23.25	22.05	0.1603
78	30	80	650000	3750	CP-OFDM 64 QAM	1@1	18.94	18.95	21.96	20.76	0.1190
78	30	80	650666	3759.99	CP-OFDM QPSK	1@1	20.82	20.84	23.84	22.64	0.1837
78	30	80	650666	3759.99	CP-OFDM 16 QAM	1@1	20.35	20.15	23.26	22.06	0.1607
78	30	80	650666	3759.99	CP-OFDM 64 QAM	1@1	18.65	18.46	21.57	20.37	0.1088
78	30	90	649668	3745.02	CP-OFDM QPSK	1@1	20.72	20.93	23.84	22.64	0.1835
78	30	90	649668	3745.02	CP-OFDM 16 QAM	1@1	20.43	20.28	23.37	22.17	0.1647
78	30	90	649668	3745.02	CP-OFDM 64 QAM	1@1	18.29	18.54	21.43	20.23	0.1054
78	30	90	650000	3750	CP-OFDM QPSK	1@1	20.43	20.85	23.66	22.46	0.1760
78	30	90	650000	3750	CP-OFDM 16 QAM	1@1	20.23	20.04	23.15	21.95	0.1565
78	30	90	650000	3750	CP-OFDM 64 QAM	1@1	18.89	18.51	21.71	20.51	0.1126
78	30	90	650332	3754.98	CP-OFDM QPSK	1@1	20.81	20.83	23.83	22.63	0.1832
78	30	90	650332	3754.98	CP-OFDM 16 QAM	1@1	20.43	20.28	23.37	22.17	0.1647
78	30	90	650332	3754.98	CP-OFDM 64 QAM	1@1	18.55	18.43	21.50	20.30	0.1072

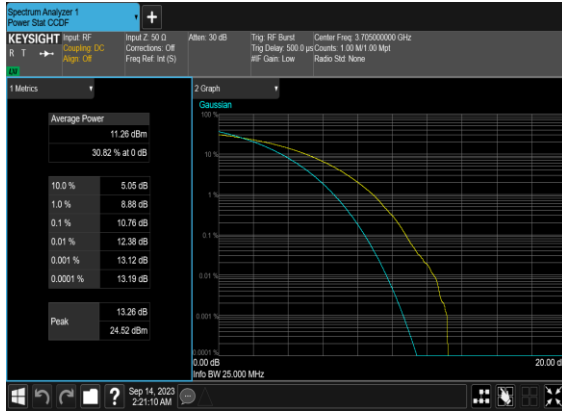
Frequency Stability

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Deviation (ppm)	Verdict	Environment
78	30	90	650000	3750.0	CP-OFDM QPSK	245@0	0.0021	PASS	NV
78	30	90	650000	3750.0	CP-OFDM QPSK	245@0	0.0022	PASS	LV
78	30	90	650000	3750.0	CP-OFDM QPSK	245@0	0.0014	PASS	HV
78	30	90	650000	3750.0	CP-OFDM QPSK	245@0	-0.0016	PASS	-30°C
78	30	90	650000	3750.0	CP-OFDM QPSK	245@0	0.0012	PASS	-20°C
78	30	90	650000	3750.0	CP-OFDM QPSK	245@0	0.0026	PASS	-10°C
78	30	90	650000	3750.0	CP-OFDM QPSK	245@0	0.0032	PASS	0°C
78	30	90	650000	3750.0	CP-OFDM QPSK	245@0	0.0017	PASS	10°C
78	30	90	650000	3750.0	CP-OFDM QPSK	245@0	0.0020	PASS	20°C
78	30	90	650000	3750.0	CP-OFDM QPSK	245@0	0.0016	PASS	30°C
78	30	90	650000	3750.0	CP-OFDM QPSK	245@0	-0.0019	PASS	40°C
78	30	90	650000	3750.0	CP-OFDM QPSK	245@0	0.0024	PASS	50°C

Peak to Average Ratio

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result (dB)	Limit (dB)	Verdict
78	30	90	650000	3750.0	CP-OFDM QPSK	245@0	10.76	13	PASS
78	30	90	650000	3750.0	CP-OFDM QPSK	1@0	10.04	13	PASS
78	30	90	650000	3750.0	CP-OFDM 16 QAM	245@0	10.97	13	PASS
78	30	90	650000	3750.0	CP-OFDM 16 QAM	1@0	11.24	13	PASS

N78(90M)_CP-
OFDM_QPSK_Outer_Full_Mid_CH



N78(90M)_CP-
OFDM_QPSK_Edge_1RB_Left_Mid_CH



N78(90M)_CP-OFDM_16
QAM_Outer_Full_Mid_CH



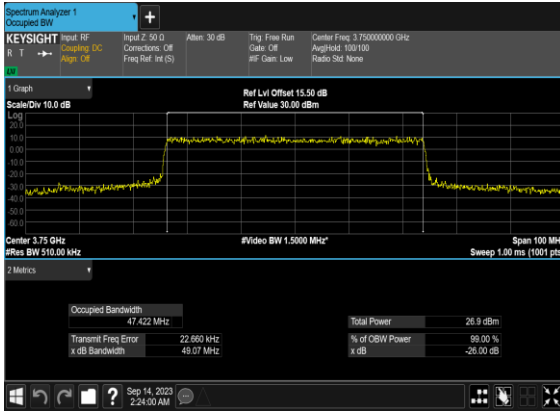
N78(90M)_CP-OFDM_16
QAM_Edge_1RB_Left_Mid_CH



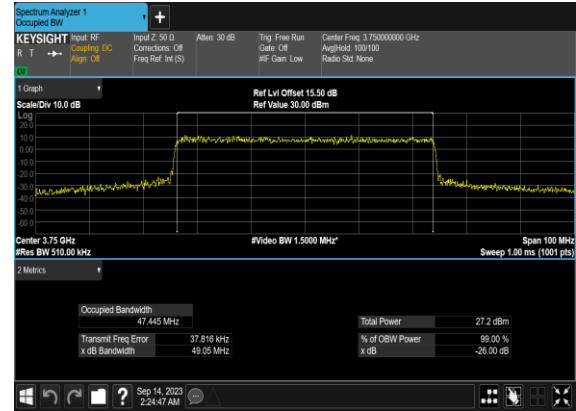
Occupied Bandwidth

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	OBW (MHz)	26dB BW (MHz)
78	30	50	650000	3750.0	CP-OFDM QPSK	133@0	47.422	49.07
78	30	50	650000	3750.0	CP-OFDM 16 QAM	133@0	47.445	49.05
78	30	50	650000	3750.0	CP-OFDM 64 QAM	133@0	47.56	49.14
78	30	50	650000	3750.0	CP-OFDM 256 QAM	133@0	47.586	49.42
78	30	70	650000	3750.0	CP-OFDM QPSK	189@0	67.395	69.55
78	30	70	650000	3750.0	CP-OFDM 16 QAM	189@0	67.593	69.84
78	30	70	650000	3750.0	CP-OFDM 64 QAM	189@0	67.297	69.56
78	30	70	650000	3750.0	CP-OFDM 256 QAM	189@0	67.499	69.5
78	30	90	650000	3750.0	CP-OFDM QPSK	245@0	87.424	90.34
78	30	90	650000	3750.0	CP-OFDM 16 QAM	245@0	87.385	90.25
78	30	90	650000	3750.0	CP-OFDM 64 QAM	245@0	87.463	90.35
78	30	90	650000	3750.0	CP-OFDM 256 QAM	245@0	87.563	90.23

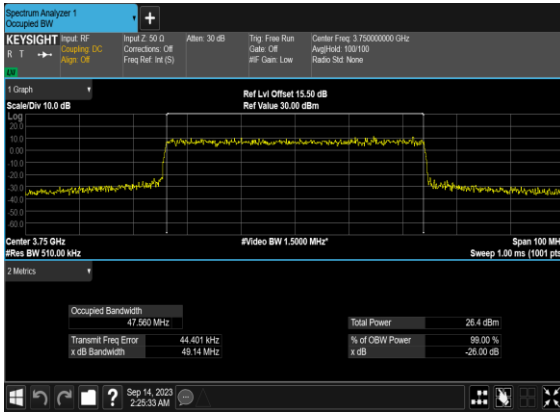
N78(50M)_CP- OFDM_QPSK_Outer_Full_Mid_CH



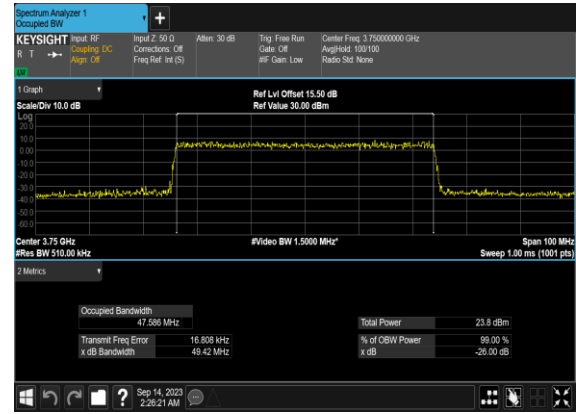
N78(50M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



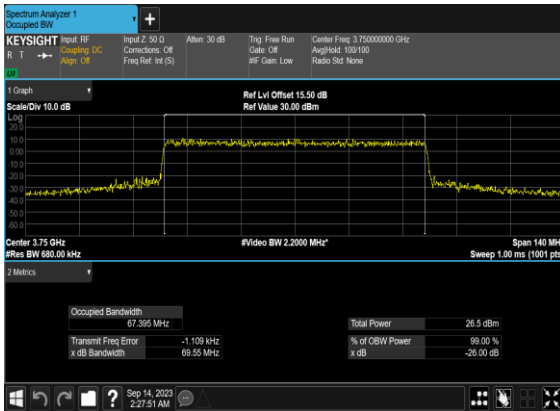
N78(50M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH



N78(50M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH



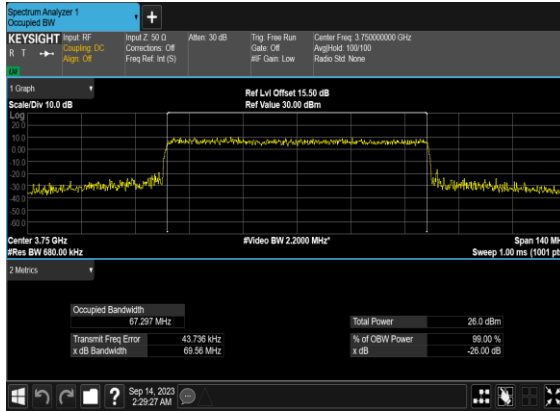
N78(70M)_CP- OFDM_QPSK_Outer_Full_Mid_CH



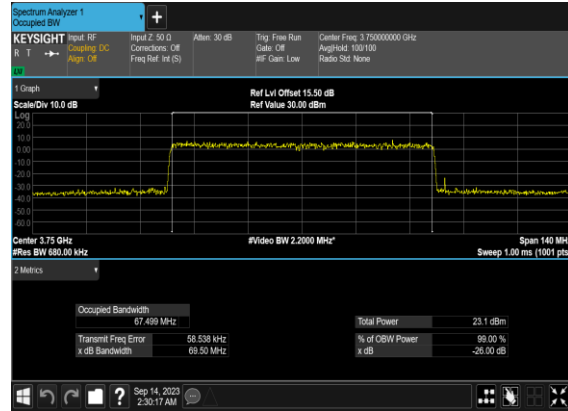
N78(70M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



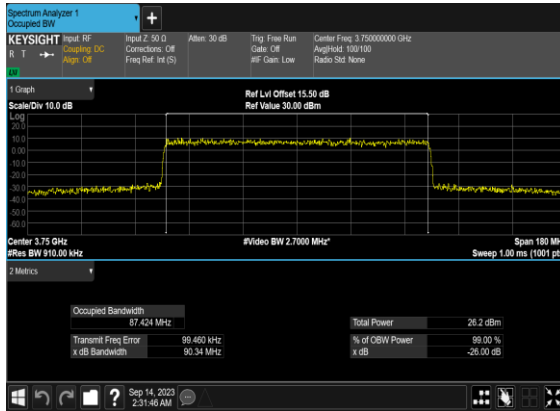
N78(70M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH



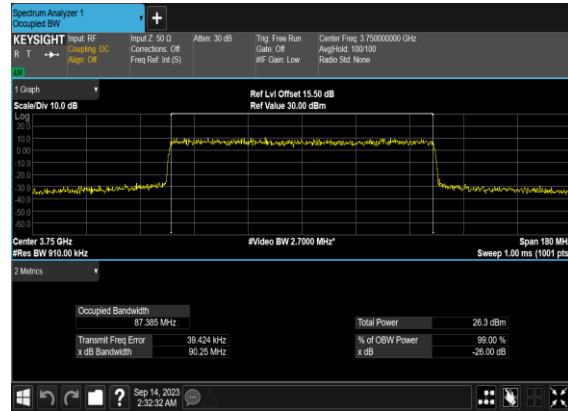
N78(70M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH



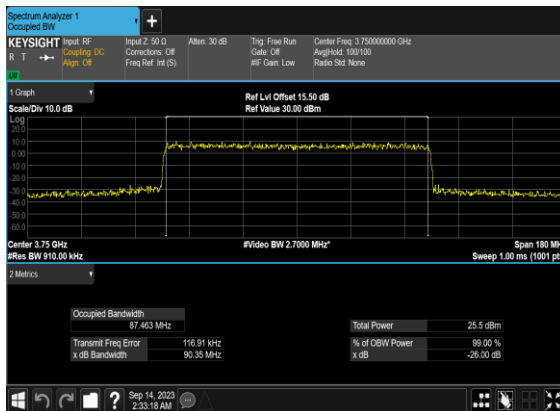
N78(90M)_CP- OFDM_QPSK_Outer_Full_Mid_CH



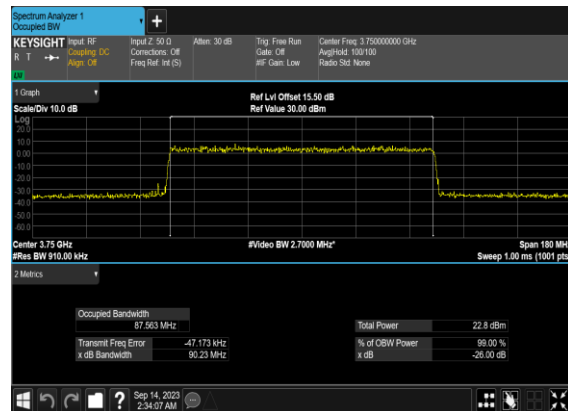
N78(90M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



N78(90M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH



N78(90M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH



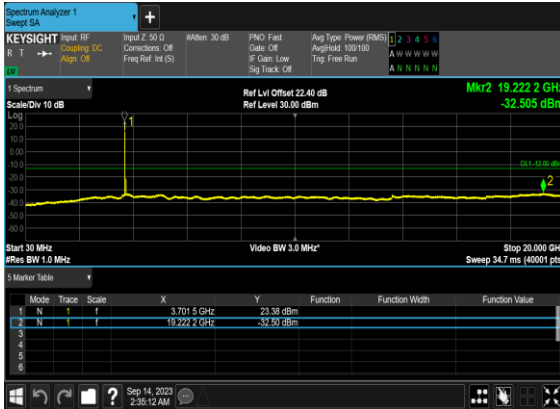
Conducted Spurious Emissions

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
78	30	50	648334	3725.01	CP-OFDM QPSK	1@0	see graph	---
78	30	50	648334	3725.01	CP-OFDM QPSK	1@0	see graph	PASS
78	30	50	648334	3725.01	CP-OFDM QPSK	1@0	see graph	PASS
78	30	50	648334	3725.01	CP-OFDM 16 QAM	1@0	see graph	---
78	30	50	648334	3725.01	CP-OFDM 16 QAM	1@0	see graph	PASS
78	30	50	648334	3725.01	CP-OFDM 16 QAM	1@0	see graph	PASS
78	30	50	650000	3750.0	CP-OFDM QPSK	1@0	see graph	---
78	30	50	650000	3750.0	CP-OFDM QPSK	1@0	see graph	PASS
78	30	50	650000	3750.0	CP-OFDM QPSK	1@0	see graph	PASS
78	30	50	650000	3750.0	CP-OFDM 16 QAM	1@0	see graph	---
78	30	50	650000	3750.0	CP-OFDM 16 QAM	1@0	see graph	PASS
78	30	50	650000	3750.0	CP-OFDM 16 QAM	1@0	see graph	PASS
78	30	50	651666	3774.99	CP-OFDM QPSK	1@0	see graph	---
78	30	50	651666	3774.99	CP-OFDM QPSK	1@0	see graph	PASS
78	30	50	651666	3774.99	CP-OFDM QPSK	1@0	see graph	PASS
78	30	50	651666	3774.99	CP-OFDM 16 QAM	1@0	see graph	---
78	30	50	651666	3774.99	CP-OFDM 16 QAM	1@0	see graph	PASS
78	30	50	651666	3774.99	CP-OFDM 16 QAM	1@0	see graph	PASS
78	30	70	649000	3735.0	CP-OFDM QPSK	1@0	see graph	---
78	30	70	649000	3735.0	CP-OFDM QPSK	1@0	see graph	PASS
78	30	70	649000	3735.0	CP-OFDM QPSK	1@0	see graph	PASS
78	30	70	649000	3735.0	CP-OFDM 16 QAM	1@0	see graph	---
78	30	70	649000	3735.0	CP-OFDM 16 QAM	1@0	see graph	PASS

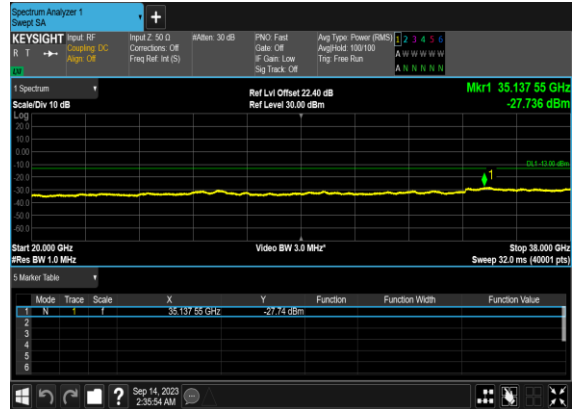
78	30	70	649000	3735.0	CP-OFDM 16 QAM	1@0	see graph	PASS
78	30	70	650000	3750.0	CP-OFDM QPSK	1@0	see graph	---
78	30	70	650000	3750.0	CP-OFDM QPSK	1@0	see graph	PASS
78	30	70	650000	3750.0	CP-OFDM QPSK	1@0	see graph	PASS
78	30	70	650000	3750.0	CP-OFDM 16 QAM	1@0	see graph	---
78	30	70	650000	3750.0	CP-OFDM 16 QAM	1@0	see graph	PASS
78	30	70	650000	3750.0	CP-OFDM 16 QAM	1@0	see graph	PASS
78	30	70	651000	3765.0	CP-OFDM QPSK	1@0	see graph	---
78	30	70	651000	3765.0	CP-OFDM QPSK	1@0	see graph	PASS
78	30	70	651000	3765.0	CP-OFDM QPSK	1@0	see graph	PASS
78	30	70	651000	3765.0	CP-OFDM 16 QAM	1@0	see graph	---
78	30	70	651000	3765.0	CP-OFDM 16 QAM	1@0	see graph	PASS
78	30	70	651000	3765.0	CP-OFDM 16 QAM	1@0	see graph	PASS
78	30	90	649668	3745.02	CP-OFDM QPSK	1@0	see graph	---
78	30	90	649668	3745.02	CP-OFDM QPSK	1@0	see graph	PASS
78	30	90	649668	3745.02	CP-OFDM QPSK	1@0	see graph	PASS
78	30	90	649668	3745.02	CP-OFDM 16 QAM	1@0	see graph	---
78	30	90	649668	3745.02	CP-OFDM 16 QAM	1@0	see graph	PASS
78	30	90	649668	3745.02	CP-OFDM 16 QAM	1@0	see graph	PASS
78	30	90	650000	3750.0	CP-OFDM QPSK	1@0	see graph	---
78	30	90	650000	3750.0	CP-OFDM QPSK	1@0	see graph	PASS
78	30	90	650000	3750.0	CP-OFDM QPSK	1@0	see graph	PASS
78	30	90	650000	3750.0	CP-OFDM 16 QAM	1@0	see graph	---
78	30	90	650000	3750.0	CP-OFDM 16 QAM	1@0	see graph	PASS
78	30	90	650000	3750.0	CP-OFDM 16 QAM	1@0	see graph	PASS

78	30	90	650332	3754.98	CP-OFDM QPSK	1@0	see graph	---
78	30	90	650332	3754.98	CP-OFDM QPSK	1@0	see graph	PASS
78	30	90	650332	3754.98	CP-OFDM QPSK	1@0	see graph	PASS
78	30	90	650332	3754.98	CP-OFDM 16 QAM	1@0	see graph	---
78	30	90	650332	3754.98	CP-OFDM 16 QAM	1@0	see graph	PASS
78	30	90	650332	3754.98	CP-OFDM 16 QAM	1@0	see graph	PASS

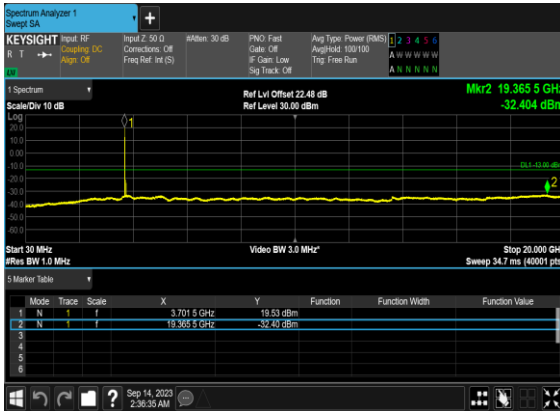
N78(50M)_CP- OFDM_QPSK_Edge_1RB_Left_Low_CH



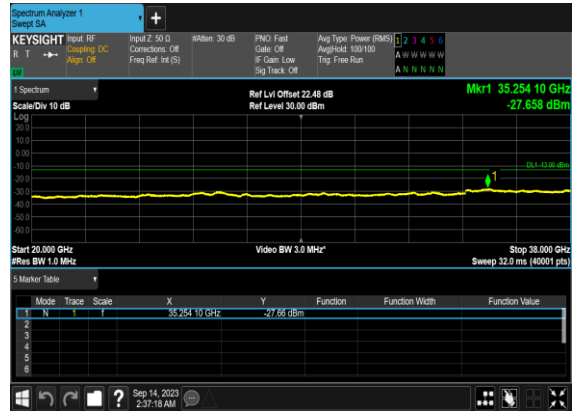
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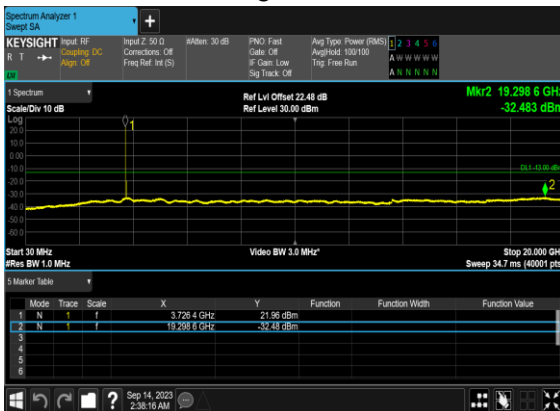
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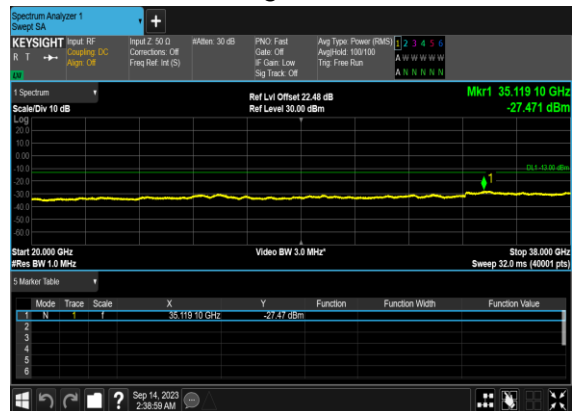
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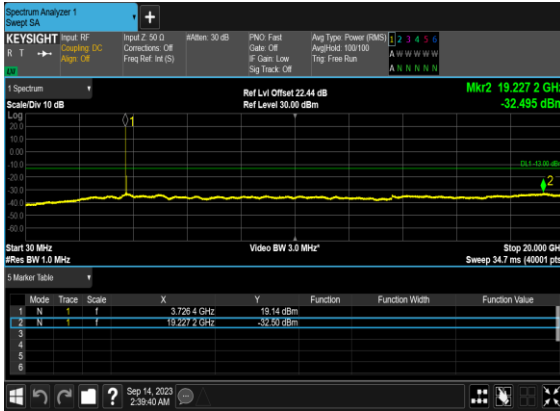
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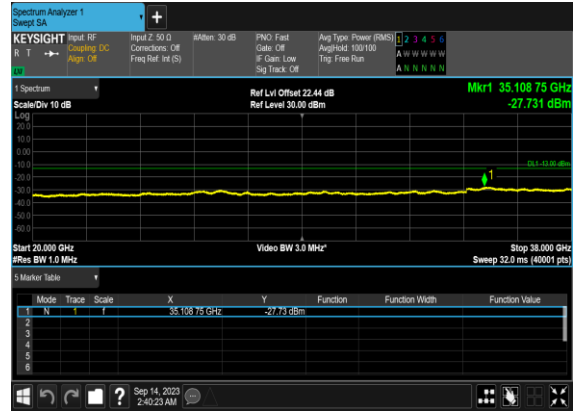
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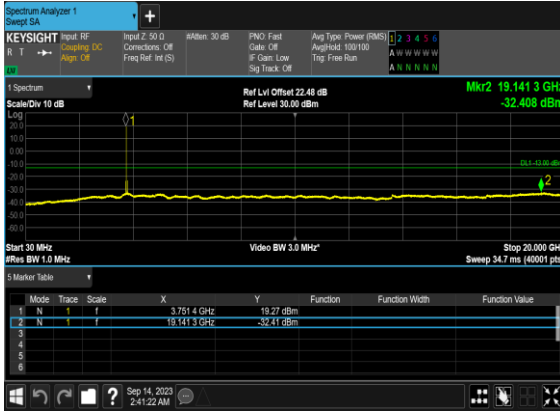
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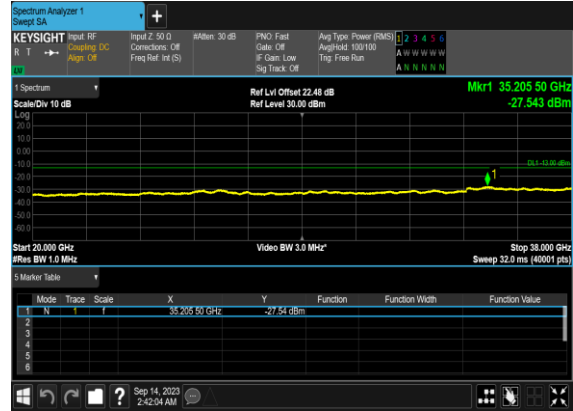
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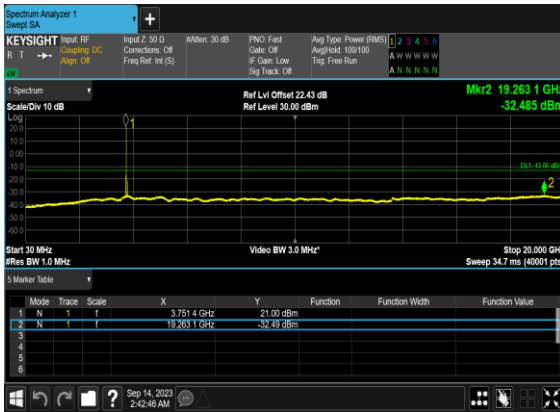
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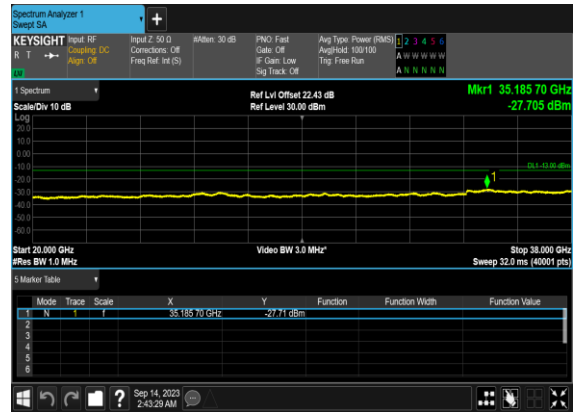
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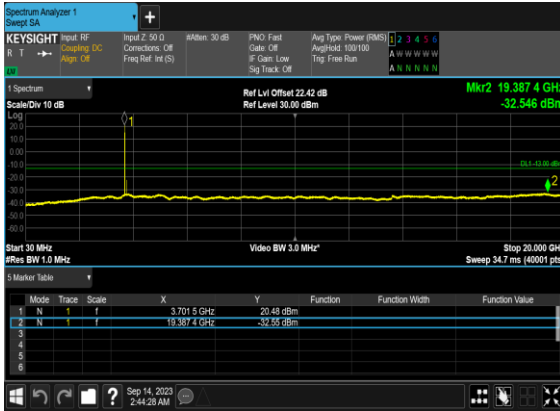
N78(50M)_CP-OFDM_16 QAM_Edge_1RB_Left_High_CH



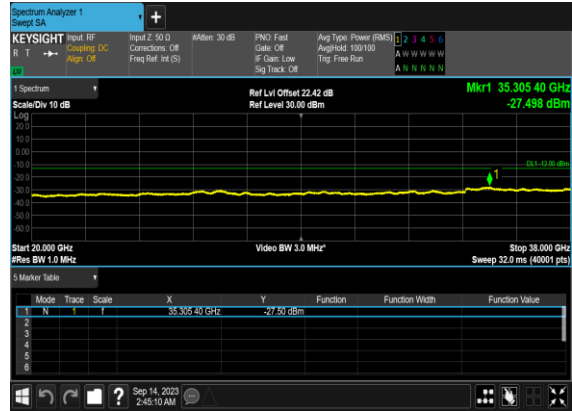
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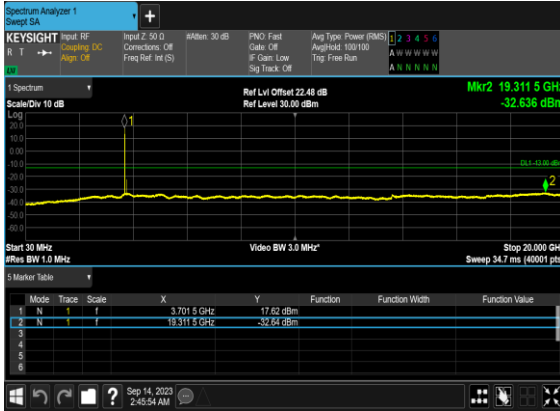
N78(70M)_CP- OFDM_QPSK_Edge_1RB_Left_Low_CH



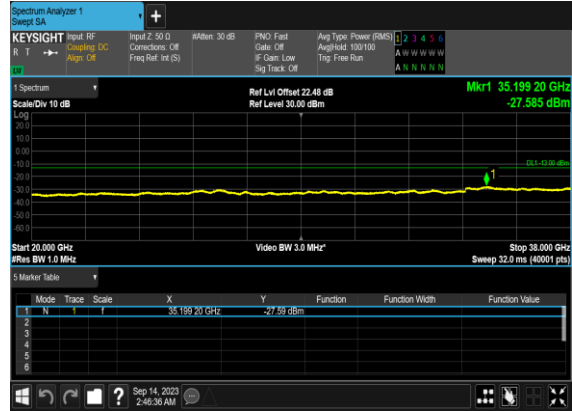
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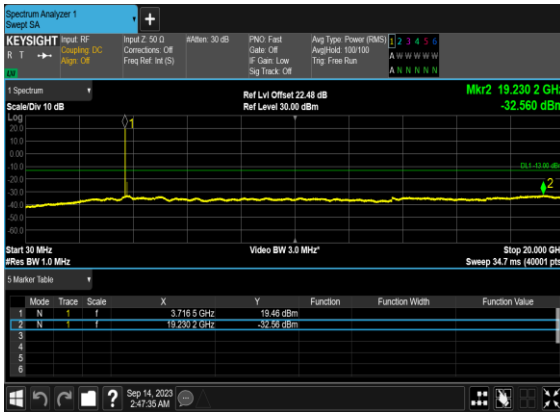
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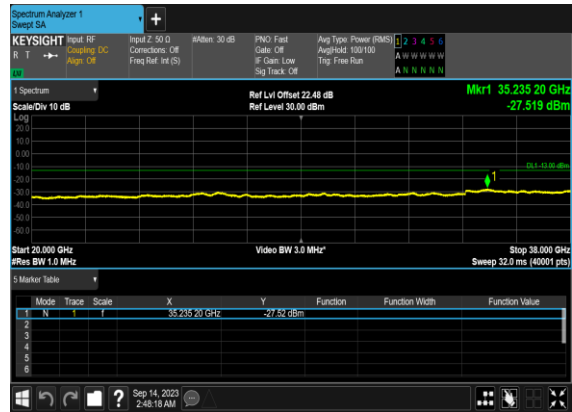
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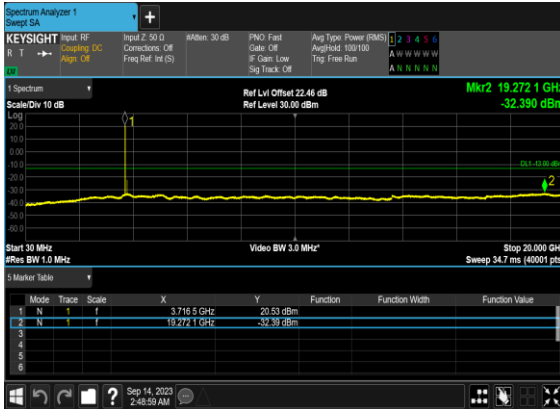
N78(70M)_CP- OFDM_QPSK_Edge_1RB_Left_Mid_CH



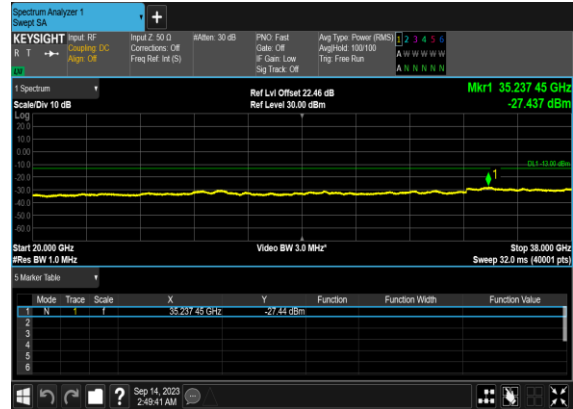
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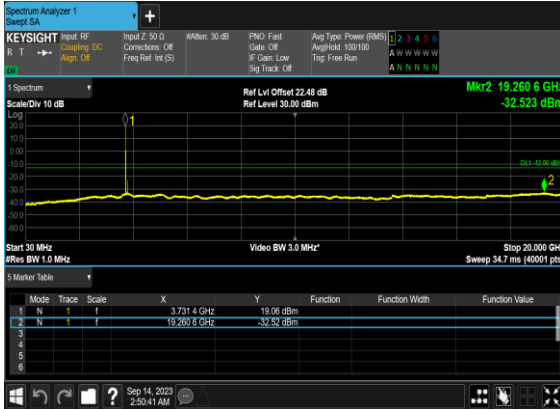
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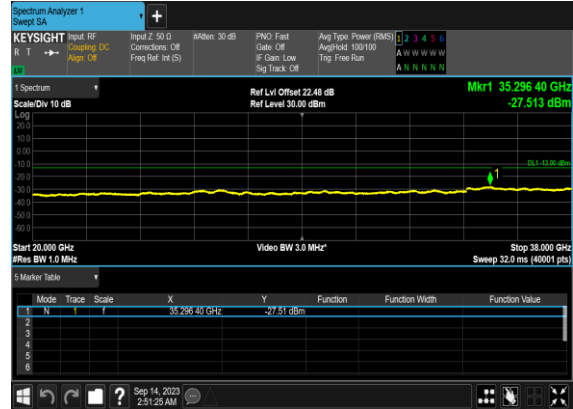
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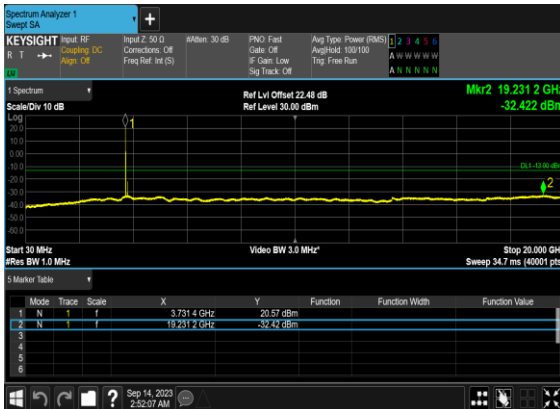
N78(70M)_CP-OFDM_QPSK_Edge_1RB_Left_High_CH



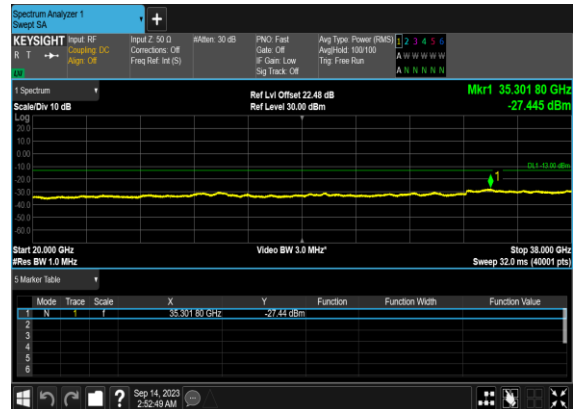
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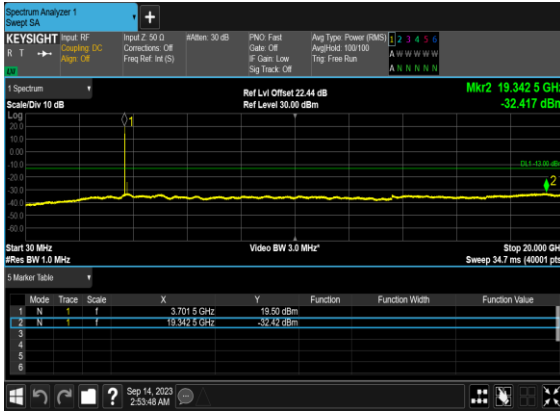
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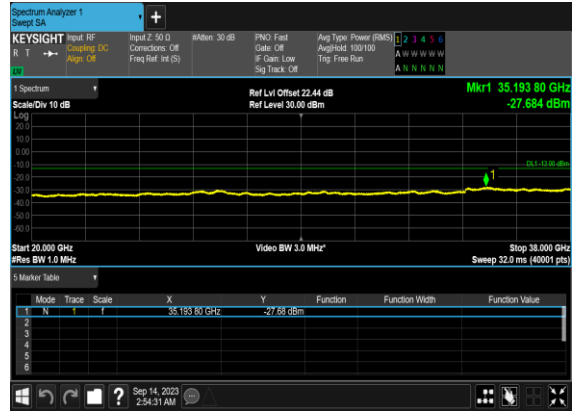
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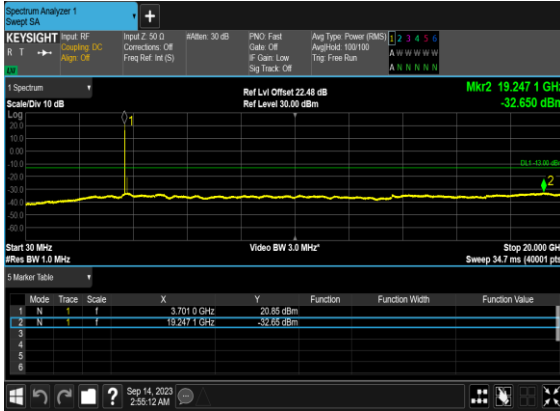
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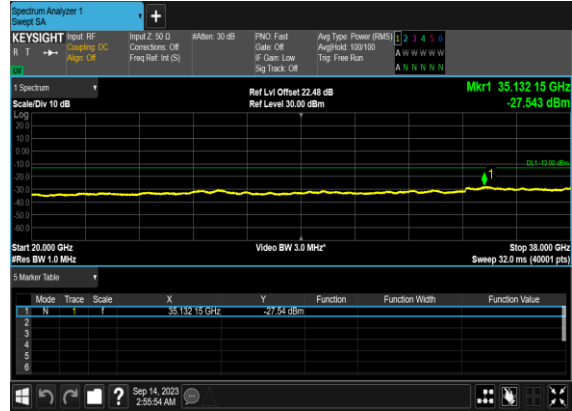
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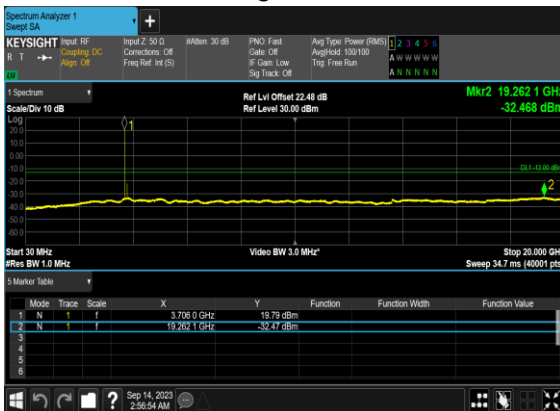
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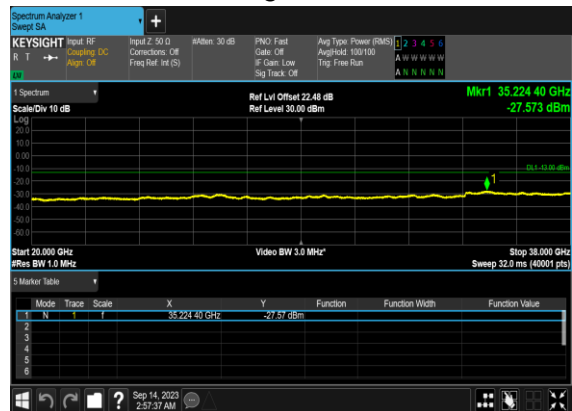
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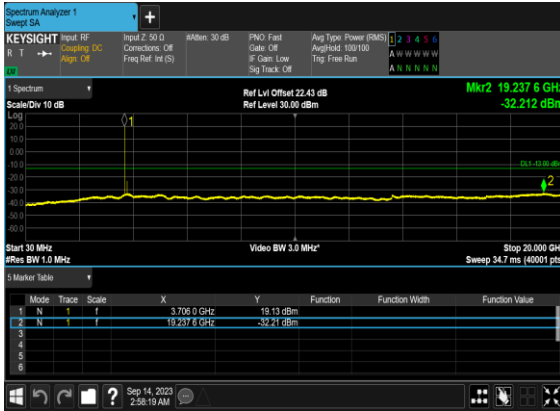
N78(90M)_CP- OFDM_QPSK_Edge_1RB_Left_Mid_CH



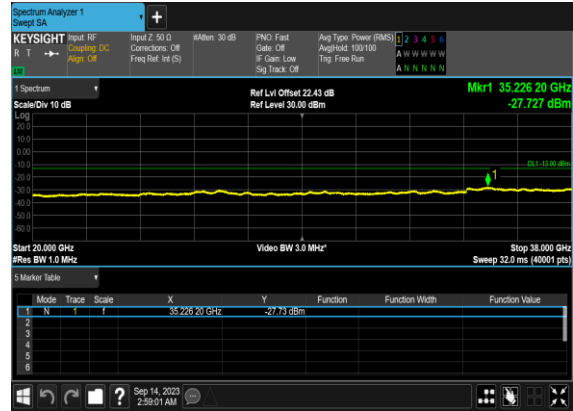
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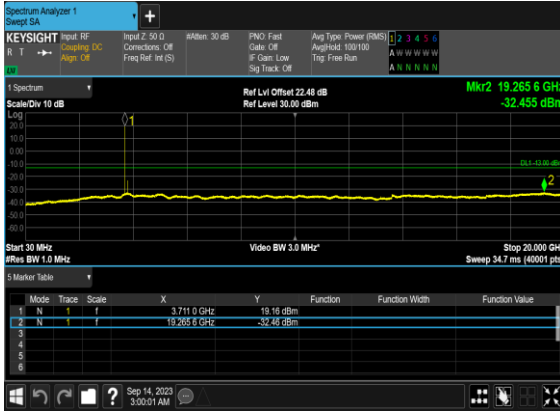
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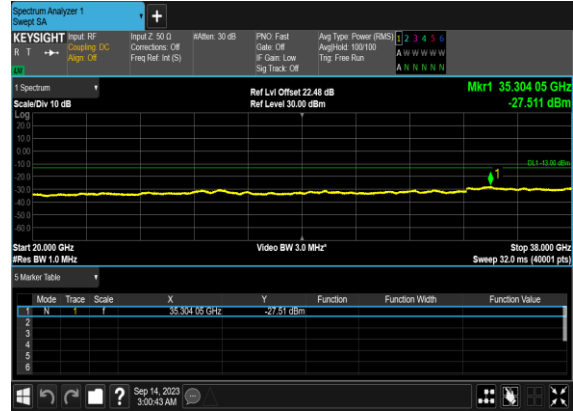
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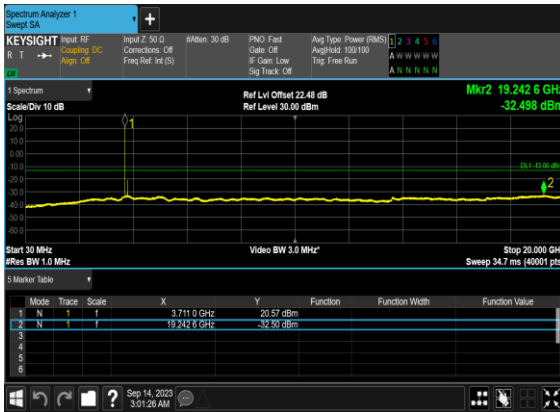
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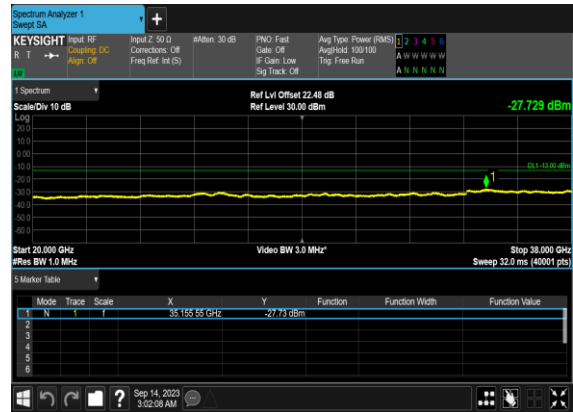
N78(90M)_CP-OFDM_QPSK_Edge_1RB_Left_High_CH



N78(90M)_CP-OFDM_16 QAM_Edge_1RB_Left_High_CH



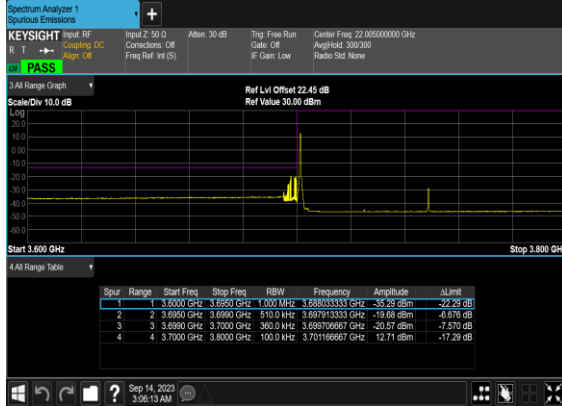
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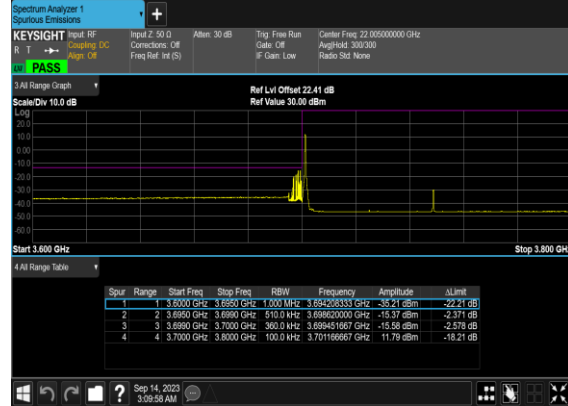
Conducted Band Edge

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
78	30	50	648334	3725.01	CP-OFDM QPSK	1@0	see graph	PASS
78	30	50	648334	3725.01	CP-OFDM 16 QAM	1@0	see graph	PASS
78	30	50	648334	3725.01	CP-OFDM QPSK	133@0	see graph	PASS
78	30	50	648334	3725.01	CP-OFDM 16 QAM	133@0	see graph	PASS
78	30	50	651666	3774.99	CP-OFDM QPSK	1@132	see graph	PASS
78	30	50	651666	3774.99	CP-OFDM 16 QAM	1@132	see graph	PASS
78	30	50	651666	3774.99	CP-OFDM QPSK	133@0	see graph	PASS
78	30	50	651666	3774.99	CP-OFDM 16 QAM	133@0	see graph	PASS
78	30	70	649000	3735.0	CP-OFDM QPSK	1@0	see graph	PASS
78	30	70	649000	3735.0	CP-OFDM 16 QAM	1@0	see graph	PASS
78	30	70	649000	3735.0	CP-OFDM QPSK	189@0	see graph	PASS
78	30	70	649000	3735.0	CP-OFDM 16 QAM	189@0	see graph	PASS
78	30	70	651000	3765.0	CP-OFDM QPSK	1@188	see graph	PASS
78	30	70	651000	3765.0	CP-OFDM 16 QAM	1@188	see graph	PASS
78	30	70	651000	3765.0	CP-OFDM QPSK	189@0	see graph	PASS
78	30	70	651000	3765.0	CP-OFDM 16 QAM	189@0	see graph	PASS
78	30	90	649668	3745.02	CP-OFDM QPSK	1@0	see graph	PASS
78	30	90	649668	3745.02	CP-OFDM 16 QAM	1@0	see graph	PASS
78	30	90	649668	3745.02	CP-OFDM QPSK	245@0	see graph	PASS
78	30	90	649668	3745.02	CP-OFDM 16 QAM	245@0	see graph	PASS
78	30	90	650332	3754.98	CP-OFDM QPSK	1@244	see graph	PASS
78	30	90	650332	3754.98	CP-OFDM 16 QAM	1@244	see graph	PASS
78	30	90	650332	3754.98	CP-OFDM QPSK	245@0	see graph	PASS
78	30	90	650332	3754.98	CP-OFDM 16 QAM	245@0	see graph	PASS

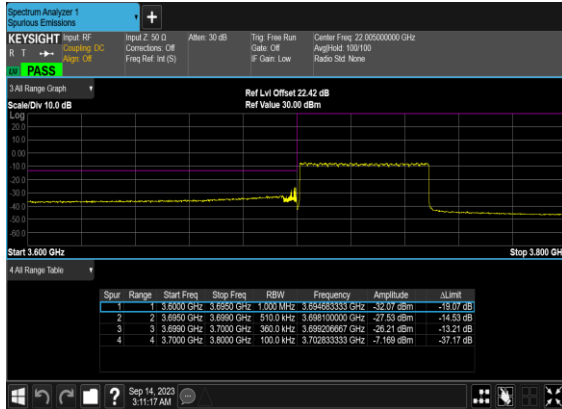
N78(50M)_CP- OFDM_QPSK_Edge_1RB_Left_Low_CH



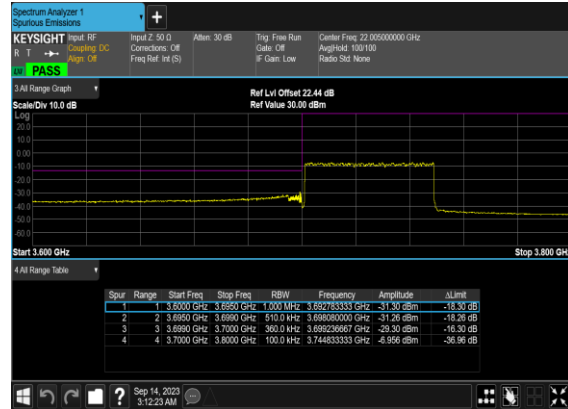
N78(50M)_CP-OFDM_16 QAM_Edge_1RB_Left_Low_CH



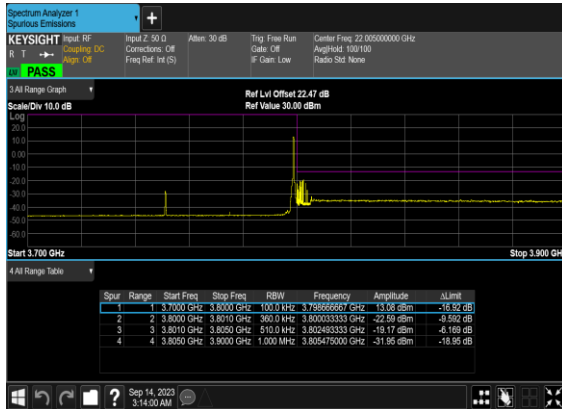
N78(50M)_CP- OFDM_QPSK_Outer_Full_Low_CH



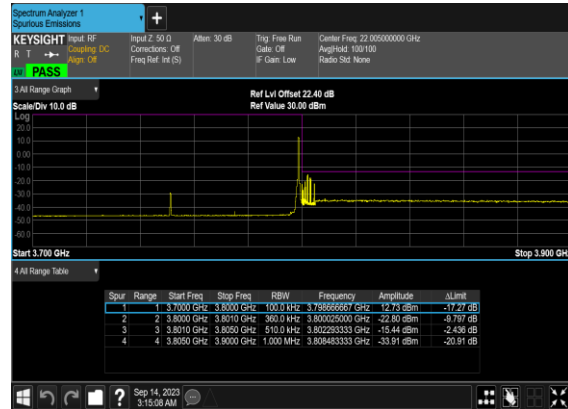
N78(50M)_CP-OFDM_16 QAM_Outer_Full_Low_CH



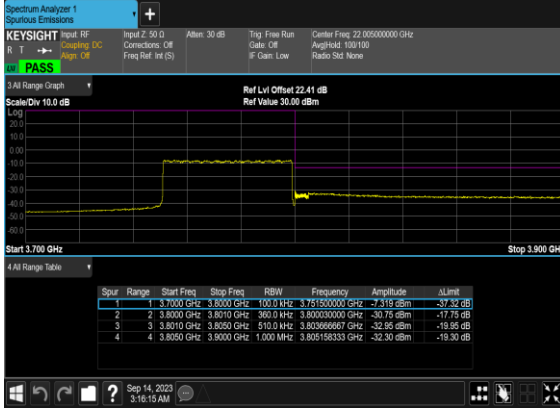
N78(50M)_CP- OFDM_QPSK_Edge_1RB_Right_High_CH



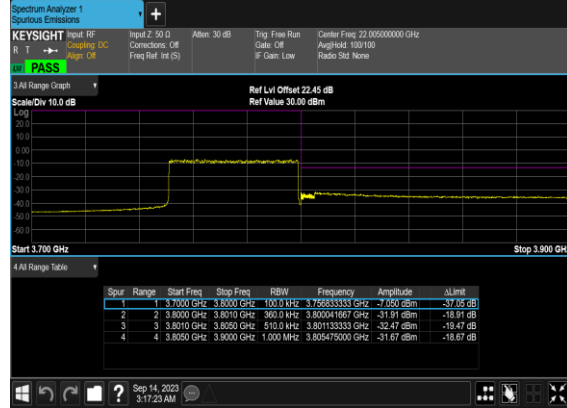
N78(50M)_CP-OFDM_16 QAM_Edge_1RB_Right_High_CH



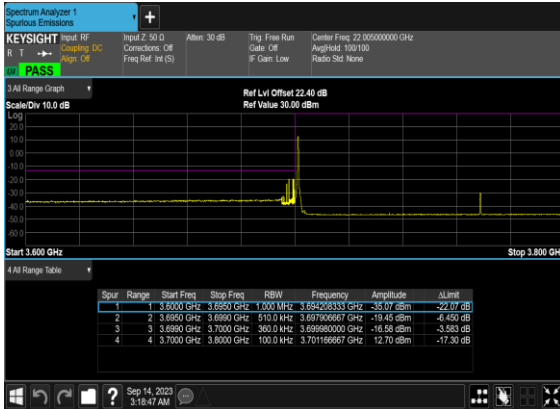
N78(50M)_CP-OFDM_QPSK_Outer_Full_High_CH



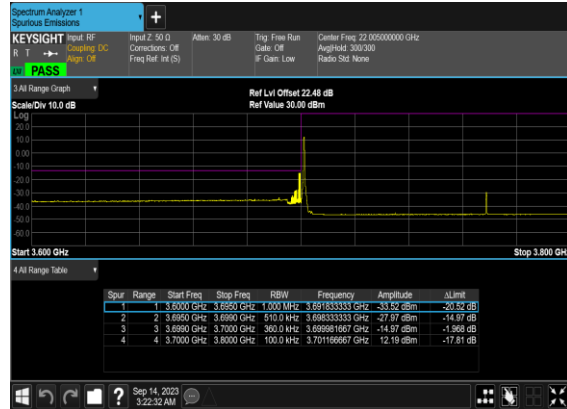
N78(50M)_CP-OFDM_16 QAM_Outer_Full_High_CH



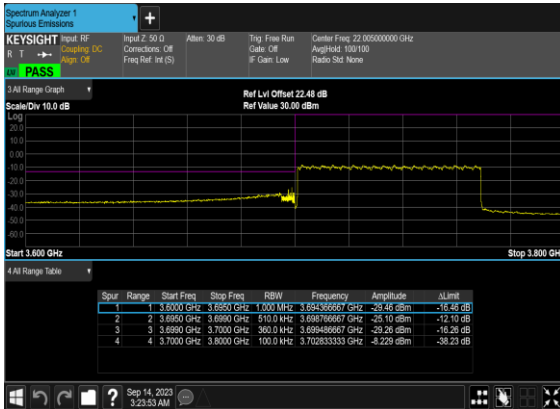
N78(70M)_CP-OFDM_QPSK_Edge_1RB_Left_Low_CH



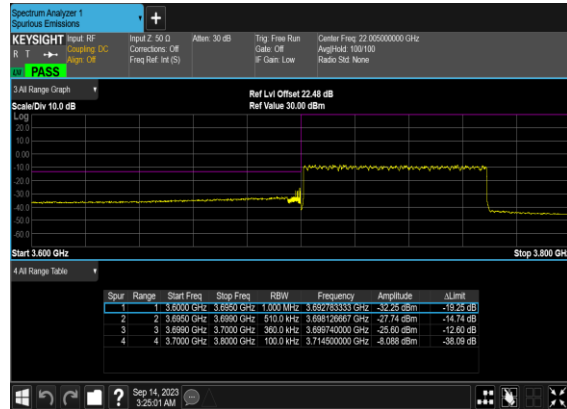
N78(70M)_CP-OFDM_16 QAM_Edge_1RB_Left_Low_CH



N78(70M)_CP-OFDM_QPSK_Outer_Full_Low_CH



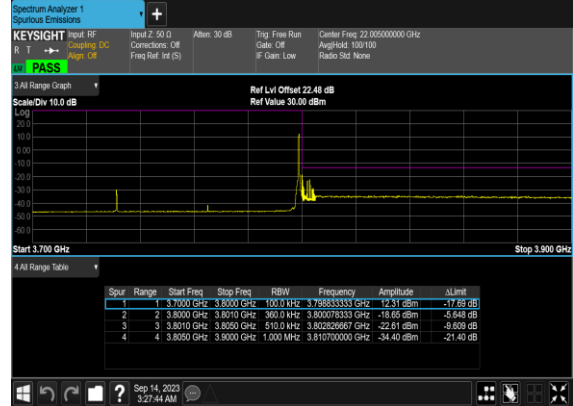
N78(70M)_CP-OFDM_16 QAM_Outer_Full_Low_CH



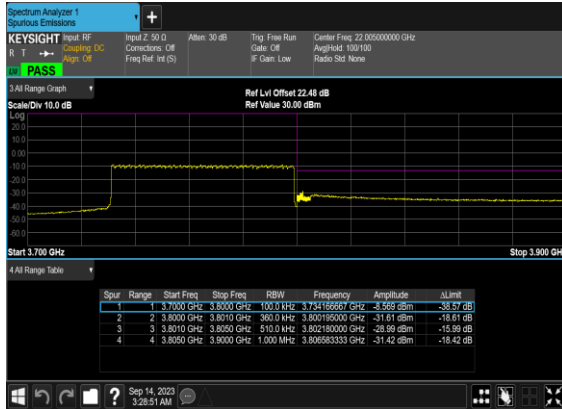
N78(70M)_CP-OFDM_QPSK_Edge_1RB_Right_High_CH



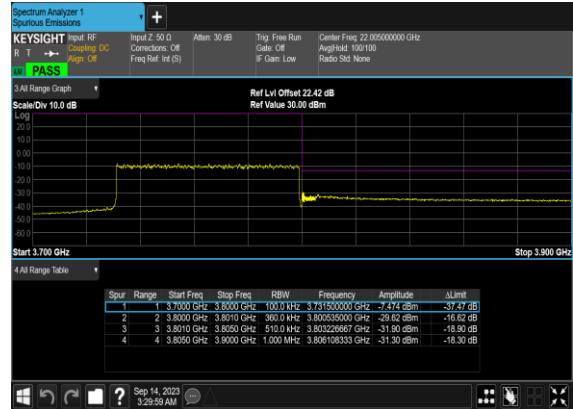
N78(70M)_CP-OFDM_16QAM_Edge_1RB_Right_High_CH



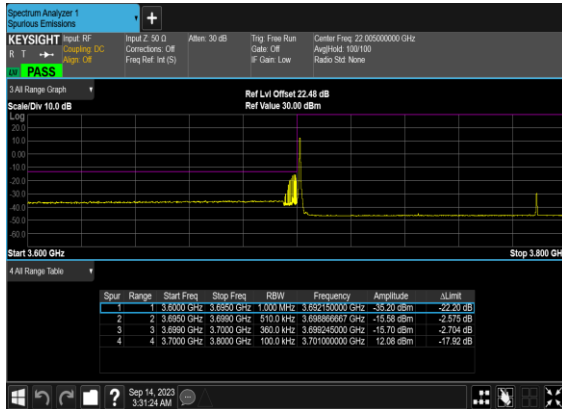
N78(70M)_CP-OFDM_QPSK_Outer_Full_High_CH



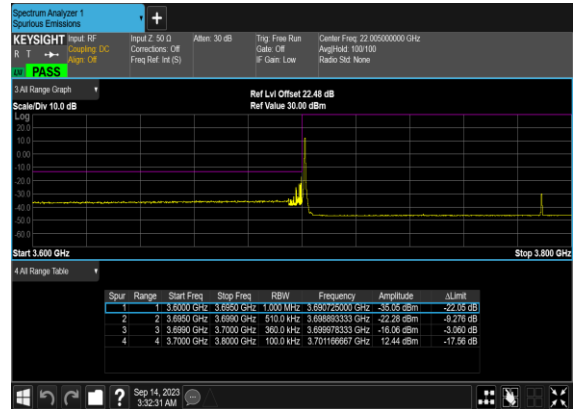
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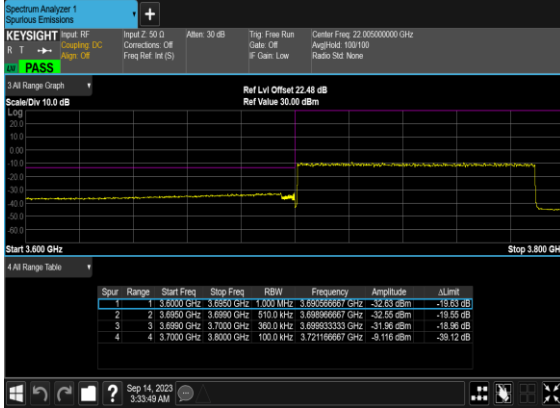
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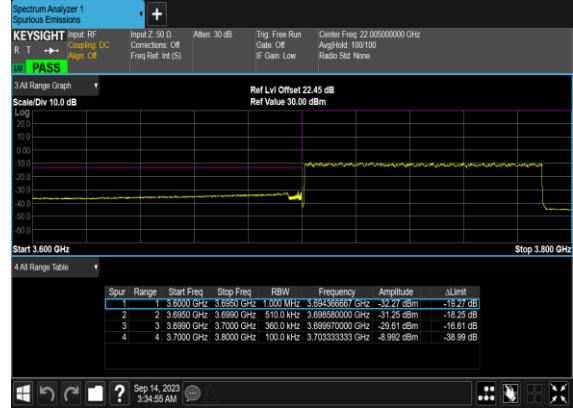
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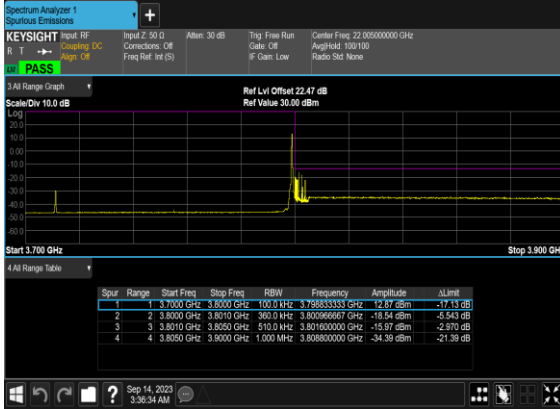
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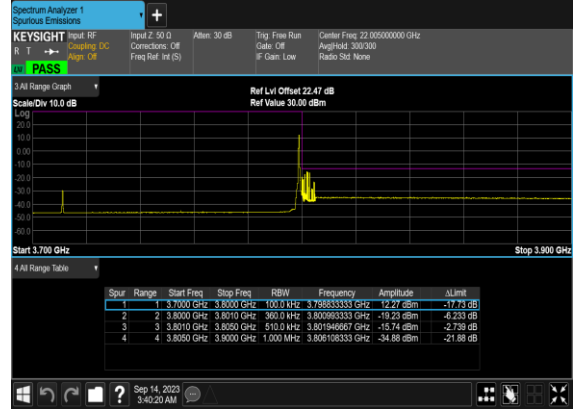
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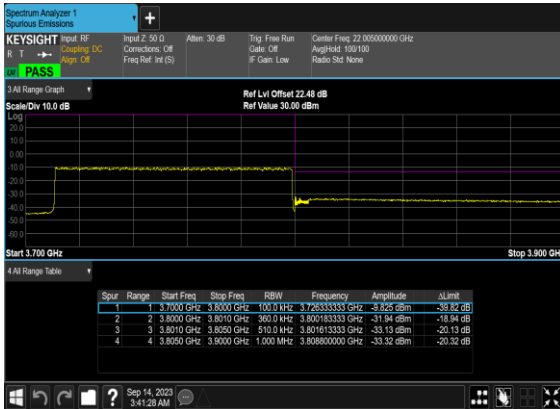
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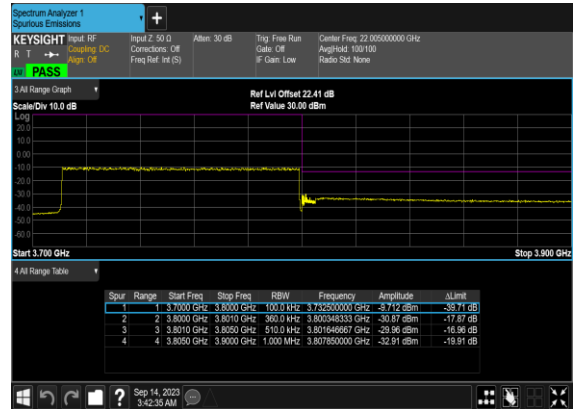
N78(90M)_CP-OFDM_16 QAM_Edge_1RB_Right_High_CH



N78(90M)_CP-OFDM_QPSK_Outer_Full_High_CH



N78(90M)_CP-OFDM_16 QAM_Outer_Full_High_CH





Appendix B. Test Results of Radiated Test

Radiated Spurious Emission

Test Engineer :	Chris Chen	Temperature :	23~25°C
		Relative Humidity :	41~42%

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)								
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	7416	-58.60	-13	-45.60	-68.81	3.03	13.24	H
	11100	-44.37	-13	-31.37	-53.82	3.56	13.01	H
	14820	-43.75	-13	-30.75	-53.27	3.92	13.44	H
	7416	-58.85	-13	-45.85	-69.06	3.03	13.24	V
	11100	-44.80	-13	-31.80	-54.25	3.56	13.01	V
	14820	-43.60	-13	-30.60	-53.12	3.92	13.44	V
Middle	7596	-57.70	-13	-44.70	-67.91	3.03	13.24	H
	11376	-43.04	-13	-30.04	-52.49	3.56	13.01	H
	15180	-45.24	-13	-32.24	-54.76	3.92	13.44	H
	7596	-57.50	-13	-44.50	-67.71	3.03	13.24	V
	11376	-42.46	-13	-29.46	-51.91	3.56	13.01	V
	15180	-44.47	-13	-31.47	-53.99	3.92	13.44	V
Highest	7776	-56.39	-13	-43.39	-66.60	3.03	13.24	H
	11640	-44.51	-13	-31.51	-53.96	3.56	13.01	H
	15540	-43.98	-13	-30.98	-53.50	3.92	13.44	H
	7776	-56.65	-13	-43.65	-66.86	3.03	13.24	V
	11640	-50.67	-13	-37.67	-60.12	3.56	13.01	V
	15540	-44.11	-13	-31.11	-53.63	3.92	13.44	V

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



EN-DC_2A_n77A / LTE 20MHz + NR 100MHz / QPSK(0+6)								
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	7416	-58.54	-13	-45.54	-68.75	3.03	13.24	H
	11112	-52.49	-13	-39.49	-61.94	3.56	13.01	H
	14820	-43.79	-13	-30.79	-53.31	3.92	13.44	H
	7416	-58.56	-13	-45.56	-68.77	3.03	13.24	V
	11112	-51.80	-13	-38.80	-61.25	3.56	13.01	V
	14820	-43.57	-13	-30.57	-53.09	3.92	13.44	V
Middle	7596	-57.58	-13	-44.58	-67.79	3.03	13.24	H
	11388	-53.12	-13	-40.12	-62.57	3.56	13.01	H
	15180	-45.13	-13	-32.13	-54.65	3.92	13.44	H
	7596	-57.85	-13	-44.85	-68.06	3.03	13.24	V
	11388	-53.12	-13	-40.12	-62.57	3.56	13.01	V
	15180	-44.46	-13	-31.46	-53.98	3.92	13.44	V
Highest	7776	-56.34	-13	-43.34	-66.55	3.03	13.24	H
	11652	-52.44	-13	-39.44	-61.89	3.56	13.01	H
	15540	-43.16	-13	-30.16	-52.68	3.92	13.44	H
	7776	-56.80	-13	-43.80	-67.01	3.03	13.24	V
	11652	-52.51	-13	-39.51	-61.96	3.56	13.01	V
	15540	-43.75	-13	-30.75	-53.27	3.92	13.44	V

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

n77 UL MIMO / NR 100+100MHz / QPSK(ANT8+5)								
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	7404	-54.94	-13	-41.94	-65.15	3.03	13.24	H
	11100	-43.48	-13	-30.48	-52.93	3.56	13.01	H
	14820	-43.80	-13	-30.80	-53.32	3.92	13.44	H
	7404	-54.86	-13	-41.86	-65.07	3.03	13.24	V
	11100	-41.89	-13	-28.89	-51.34	3.56	13.01	V
	14820	-43.65	-13	-30.65	-53.17	3.92	13.44	V
Middle	7596	-56.78	-13	-43.78	-66.99	3.03	13.24	H
	11376	-45.17	-13	-32.17	-54.62	3.56	13.01	H
	15180	-44.91	-13	-31.91	-54.43	3.92	13.44	H
	7596	-57.19	-13	-44.19	-67.40	3.03	13.24	V
	11376	-41.91	-13	-28.91	-51.36	3.56	13.01	V
	15180	-44.51	-13	-31.51	-54.03	3.92	13.44	V
Highest	7776	-55.66	-13	-42.66	-65.87	3.03	13.24	H
	11640	-44.91	-13	-31.91	-54.36	3.56	13.01	H
	15540	-44.20	-13	-31.20	-53.72	3.92	13.44	H
	7776	-55.85	-13	-42.85	-66.06	3.03	13.24	V
	11640	-42.39	-13	-29.39	-51.84	3.56	13.01	V
	15540	-44.28	-13	-31.28	-53.80	3.92	13.44	V

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



EN-DC_2A_n78A / LTE 20MHz + NR 100MHz / QPSK(8+6)								
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	7488	-58.11	-13	-45.11	-68.32	3.03	13.24	H
	11220	-51.94	-13	-38.94	-61.39	3.56	13.01	H
	14964	-44.14	-13	-31.14	-53.66	3.92	13.44	H
	7488	-58.24	-13	-45.24	-68.45	3.03	13.24	V
	11220	-52.41	-13	-39.41	-61.86	3.56	13.01	V
	14964	-43.56	-13	-30.56	-53.08	3.92	13.44	V

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

n78 UL MIMO / NR 100+100MHz / QPSK(ANT8+5)								
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	7596	-57.70	-13	-44.70	-67.91	3.03	13.24	H
	11376	-43.04	-13	-30.04	-52.49	3.56	13.01	H
	15180	-45.24	-13	-32.24	-54.76	3.92	13.44	H
	7596	-57.50	-13	-44.50	-67.71	3.03	13.24	V
	11376	-42.46	-13	-29.46	-51.91	3.56	13.01	V
	15180	-44.47	-13	-31.47	-53.99	3.92	13.44	V

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