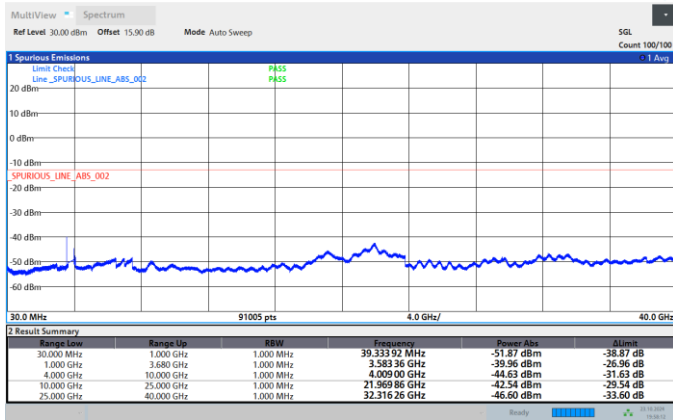




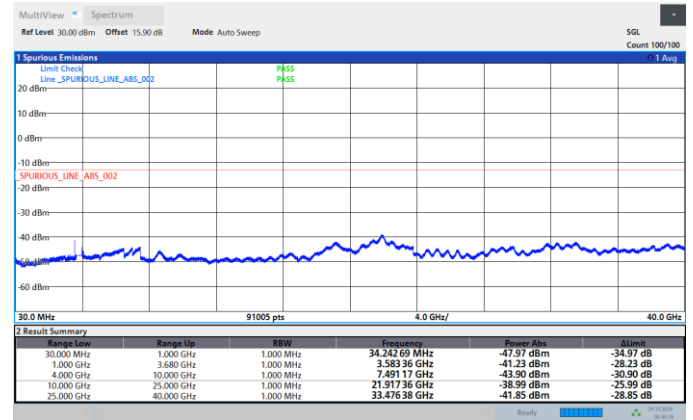
FCC P270-N77C / 100MHz+100MHz

PCC+SCC Average Power

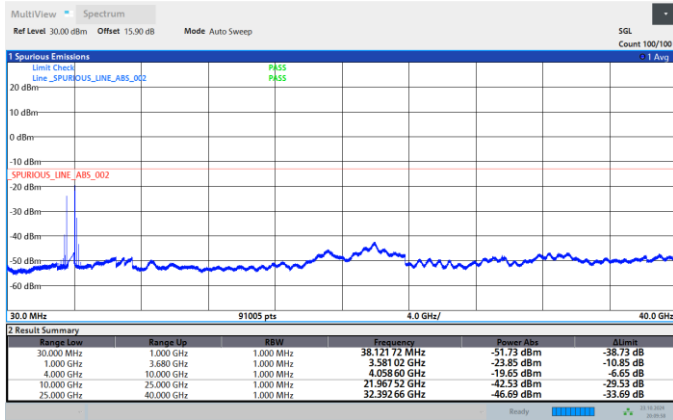
Highest Band Edge /BPSK/ 1RB0 and 1RB272



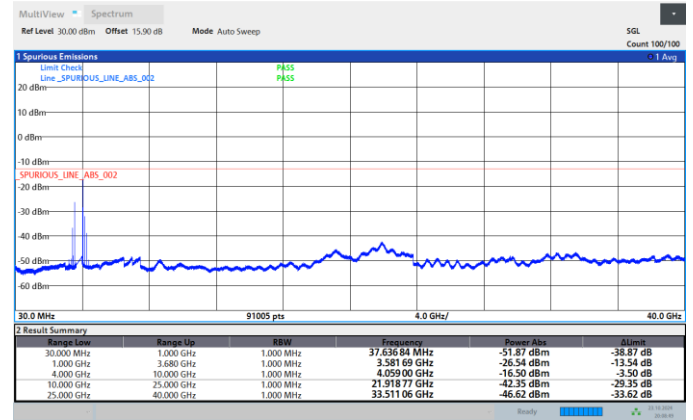
Highest Band Edge /QPSK/ 1RB0 and 1RB272



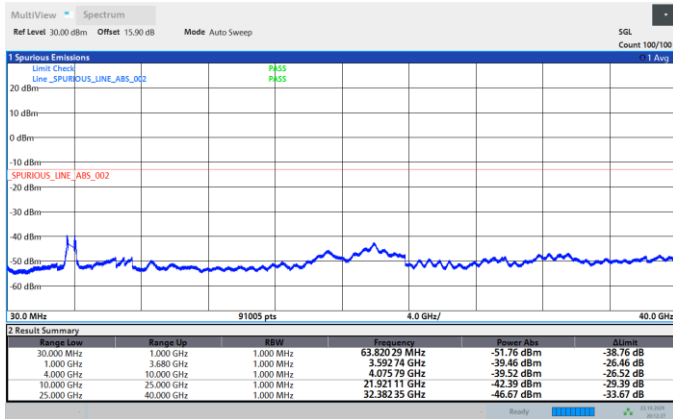
Highest Band Edge /BPSK/ 1RB108 and 1RB162



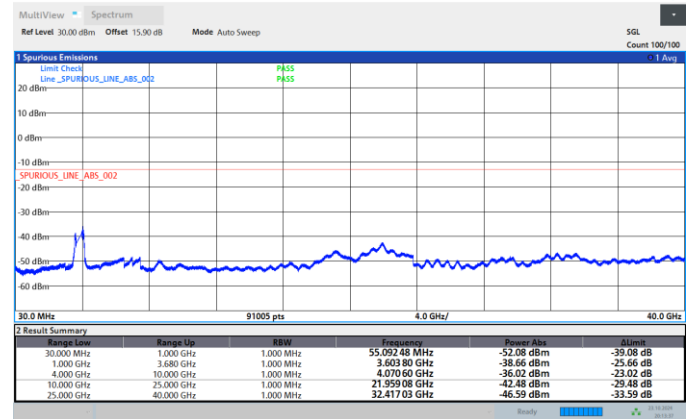
Highest Band Edge /QPSK/ 1RB108 and 1RB162



Highest Band Edge /BPSK/ 270RB3 and 270RB0



Highest Band Edge /QPSK/ 270RB3 and 270RB0





Software Version: 23.06.1602

FR1 N78(Ant6)_SCS15kHz**Transmitter Conducted Output Power And EIRP, (G_T - L_C)=-2.7dB**

NR Band	SCS	BandWidth	Arfcn	Freq(MHz)	Modulation	RB	Conducted Power(dBm)	EIRP(dBm)	EIRP(W)
78	15	10	647000	3705	DFT-s-OFDM QPSK	1@1	26.14	23.44	0.2208
78	15	10	647000	3705	DFT-s-OFDM 16 QAM	1@1	24.88	22.18	0.1652
78	15	10	650000	3750	DFT-s-OFDM QPSK	1@1	25.69	22.99	0.1991
78	15	10	650000	3750	DFT-s-OFDM 16 QAM	1@1	24.49	21.79	0.1510
78	15	10	653000	3795	DFT-s-OFDM QPSK	1@1	25.9	23.2	0.2089
78	15	10	653000	3795	DFT-s-OFDM 16 QAM	1@1	24.68	21.98	0.1578
78	15	15	647167	3707.505	DFT-s-OFDM QPSK	1@1	26.13	23.43	0.2203
78	15	15	647167	3707.505	DFT-s-OFDM 16 QAM	1@1	24.87	22.17	0.1648
78	15	15	650000	3750	DFT-s-OFDM QPSK	1@1	25.7	23	0.1995
78	15	15	650000	3750	DFT-s-OFDM 16 QAM	1@1	24.47	21.77	0.1503
78	15	15	652833	3792.495	DFT-s-OFDM QPSK	1@1	25.86	23.16	0.2070
78	15	15	652833	3792.495	DFT-s-OFDM 16 QAM	1@1	24.63	21.93	0.1560
78	15	20	647334	3710.01	DFT-s-OFDM QPSK	1@1	26.13	23.43	0.2203
78	15	20	647334	3710.01	DFT-s-OFDM 16 QAM	1@1	24.85	22.15	0.1641
78	15	20	650000	3750	DFT-s-OFDM QPSK	1@1	25.7	23	0.1995
78	15	20	650000	3750	DFT-s-OFDM 16 QAM	1@1	24.47	21.77	0.1503
78	15	20	652666	3789.99	DFT-s-OFDM QPSK	1@1	25.96	23.26	0.2118
78	15	20	652666	3789.99	DFT-s-OFDM 16 QAM	1@1	24.7	22	0.1585
78	15	25	647500	3712.5	DFT-s-OFDM QPSK	1@1	26.06	23.36	0.2168
78	15	25	647500	3712.5	DFT-s-OFDM 16 QAM	1@1	24.82	22.12	0.1629
78	15	25	650000	3750	DFT-s-OFDM QPSK	1@1	25.71	23.01	0.2000
78	15	25	650000	3750	DFT-s-OFDM 16 QAM	1@1	24.49	21.79	0.1510
78	15	25	652500	3787.5	DFT-s-OFDM QPSK	1@1	25.92	23.22	0.2099
78	15	25	652500	3787.5	DFT-s-OFDM 16 QAM	1@1	24.7	22	0.1585
78	15	30	647667	3715.005	DFT-s-OFDM QPSK	1@1	26.1	23.4	0.2188
78	15	30	647667	3715.005	DFT-s-OFDM 16 QAM	1@1	24.94	22.24	0.1675
78	15	30	650000	3750	DFT-s-OFDM QPSK	1@1	25.82	23.12	0.2051
78	15	30	650000	3750	DFT-s-OFDM 16 QAM	1@1	24.55	21.85	0.1531
78	15	30	652333	3784.995	DFT-s-OFDM QPSK	1@1	25.92	23.22	0.2099
78	15	30	652333	3784.995	DFT-s-OFDM 16 QAM	1@1	24.7	22	0.1585
78	15	40	648000	3720	DFT-s-OFDM QPSK	1@1	26.15	23.45	0.2213
78	15	40	648000	3720	DFT-s-OFDM 16 QAM	1@1	24.87	22.17	0.1648
78	15	40	650000	3750	DFT-s-OFDM QPSK	1@1	25.79	23.09	0.2037
78	15	40	650000	3750	DFT-s-OFDM 16 QAM	1@1	24.51	21.81	0.1517



78	15	40	652000	3780	DFT-s-OFDM QPSK	1@1	25.86	23.16	0.2070
78	15	40	652000	3780	DFT-s-OFDM 16 QAM	1@1	24.62	21.92	0.1556
78	15	50	648334	3725.01	DFT-s-OFDM PI/2 BPSK	135@67	25.69	22.99	0.1991
78	15	50	648334	3725.01	DFT-s-OFDM PI/2 BPSK	1@1	25.69	22.99	0.1991
78	15	50	648334	3725.01	DFT-s-OFDM PI/2 BPSK	1@268	25.35	22.65	0.1841
78	15	50	648334	3725.01	DFT-s-OFDM QPSK	135@67	25.69	22.99	0.1991
78	15	50	648334	3725.01	DFT-s-OFDM QPSK	1@1	26.05	23.35	0.2163
78	15	50	648334	3725.01	DFT-s-OFDM QPSK	1@268	26.19	23.49	0.2234
78	15	50	648334	3725.01	DFT-s-OFDM 16 QAM	135@67	24.65	21.95	0.1567
78	15	50	648334	3725.01	DFT-s-OFDM 16 QAM	1@1	24.81	22.11	0.1626
78	15	50	648334	3725.01	DFT-s-OFDM 16 QAM	1@268	24.46	21.76	0.1500
78	15	50	648334	3725.01	DFT-s-OFDM 64 QAM	135@67	23.13	20.43	0.1104
78	15	50	648334	3725.01	DFT-s-OFDM 64 QAM	1@1	22.97	20.27	0.1064
78	15	50	648334	3725.01	DFT-s-OFDM 64 QAM	1@268	22.64	19.94	0.0986
78	15	50	648334	3725.01	DFT-s-OFDM 256 QAM	135@67	21.16	18.46	0.0701
78	15	50	648334	3725.01	DFT-s-OFDM 256 QAM	1@1	21.19	18.49	0.0706
78	15	50	648334	3725.01	DFT-s-OFDM 256 QAM	1@268	20.86	18.16	0.0655
78	15	50	648334	3725.01	CP-OFDM QPSK	135@67	24.12	21.42	0.1387
78	15	50	648334	3725.01	CP-OFDM QPSK	1@1	24.22	21.52	0.1419
78	15	50	648334	3725.01	CP-OFDM QPSK	1@268	23.89	21.19	0.1315
78	15	50	650000	3750	DFT-s-OFDM PI/2 BPSK	135@67	25.54	22.84	0.1923
78	15	50	650000	3750	DFT-s-OFDM PI/2 BPSK	1@1	25.46	22.76	0.1888
78	15	50	650000	3750	DFT-s-OFDM PI/2 BPSK	1@268	25.58	22.88	0.1941
78	15	50	650000	3750	DFT-s-OFDM QPSK	135@67	25.57	22.87	0.1936
78	15	50	650000	3750	DFT-s-OFDM QPSK	1@1	25.69	22.99	0.1991
78	15	50	650000	3750	DFT-s-OFDM QPSK	1@268	25.95	23.25	0.2113
78	15	50	650000	3750	DFT-s-OFDM 16 QAM	135@67	24.52	21.82	0.1521
78	15	50	650000	3750	DFT-s-OFDM 16 QAM	1@1	24.59	21.89	0.1545
78	15	50	650000	3750	DFT-s-OFDM 16 QAM	1@268	24.69	21.99	0.1581
78	15	50	650000	3750	DFT-s-OFDM 64 QAM	135@67	23.01	20.31	0.1074
78	15	50	650000	3750	DFT-s-OFDM 64 QAM	1@1	22.72	20.02	0.1005
78	15	50	650000	3750	DFT-s-OFDM 64 QAM	1@268	22.9	20.2	0.1047
78	15	50	650000	3750	DFT-s-OFDM 256 QAM	135@67	21.02	18.32	0.0679
78	15	50	650000	3750	DFT-s-OFDM 256 QAM	1@1	20.96	18.26	0.0670
78	15	50	650000	3750	DFT-s-OFDM 256 QAM	1@268	21.07	18.37	0.0687
78	15	50	650000	3750	CP-OFDM QPSK	135@67	23.99	21.29	0.1346
78	15	50	650000	3750	CP-OFDM QPSK	1@1	23.94	21.24	0.1330
78	15	50	650000	3750	CP-OFDM QPSK	1@268	24.12	21.42	0.1387
78	15	50	651666	3774.99	DFT-s-OFDM PI/2 BPSK	135@67	25.59	22.89	0.1945
78	15	50	651666	3774.99	DFT-s-OFDM PI/2 BPSK	1@1	25.3	22.6	0.1820
78	15	50	651666	3774.99	DFT-s-OFDM PI/2 BPSK	1@268	25.47	22.77	0.1892



78	15	50	651666	3774.99	DFT-s-OFDM QPSK	135@67	25.64	22.94	0.1968
78	15	50	651666	3774.99	DFT-s-OFDM QPSK	1@1	25.54	22.84	0.1923
78	15	50	651666	3774.99	DFT-s-OFDM QPSK	1@268	25.86	23.16	0.2070
78	15	50	651666	3774.99	DFT-s-OFDM 16 QAM	135@67	24.57	21.87	0.1538
78	15	50	651666	3774.99	DFT-s-OFDM 16 QAM	1@1	24.41	21.71	0.1483
78	15	50	651666	3774.99	DFT-s-OFDM 16 QAM	1@268	24.58	21.88	0.1542
78	15	50	651666	3774.99	DFT-s-OFDM 64 QAM	135@67	23.08	20.38	0.1091
78	15	50	651666	3774.99	DFT-s-OFDM 64 QAM	1@1	22.56	19.86	0.0968
78	15	50	651666	3774.99	DFT-s-OFDM 64 QAM	1@268	22.82	20.12	0.1028
78	15	50	651666	3774.99	DFT-s-OFDM 256 QAM	135@67	21.06	18.36	0.0685
78	15	50	651666	3774.99	DFT-s-OFDM 256 QAM	1@1	20.81	18.11	0.0647
78	15	50	651666	3774.99	DFT-s-OFDM 256 QAM	1@268	21.01	18.31	0.0678
78	15	50	651666	3774.99	CP-OFDM QPSK	135@67	24.05	21.35	0.1365
78	15	50	651666	3774.99	CP-OFDM QPSK	1@1	23.76	21.06	0.1276
78	15	50	651666	3774.99	CP-OFDM QPSK	1@268	24.05	21.35	0.1365



Frequency Stability

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Deviation (ppm)	Verdict	Environment
78	15	20	650000	3750.0	DFT-s-OFDM QPSK	100@0	0.0021	PASS	NV
78	15	20	650000	3750.0	DFT-s-OFDM QPSK	100@0	0.0058	PASS	LV
78	15	20	650000	3750.0	DFT-s-OFDM QPSK	100@0	0.0045	PASS	HV
78	15	20	650000	3750.0	DFT-s-OFDM QPSK	100@0	0.0035	PASS	-30°C
78	15	20	650000	3750.0	DFT-s-OFDM QPSK	100@0	0.0064	PASS	-20°C
78	15	20	650000	3750.0	DFT-s-OFDM QPSK	100@0	0.0028	PASS	-10°C
78	15	20	650000	3750.0	DFT-s-OFDM QPSK	100@0	0.0043	PASS	0°C
78	15	20	650000	3750.0	DFT-s-OFDM QPSK	100@0	0.0030	PASS	10°C
78	15	20	650000	3750.0	DFT-s-OFDM QPSK	100@0	0.0021	PASS	20°C
78	15	20	650000	3750.0	DFT-s-OFDM QPSK	100@0	0.0053	PASS	30°C
78	15	20	650000	3750.0	DFT-s-OFDM QPSK	100@0	0.0059	PASS	40°C
78	15	20	650000	3750.0	DFT-s-OFDM QPSK	100@0	0.0044	PASS	50°C

Peak to Average Ratio

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result (dB)	Limit (dB)	Verdict
78	15	20	650000	3750.0	DFT-s-OFDM PI/2 BPSK	100@0	4.09	13	PASS
78	15	20	650000	3750.0	DFT-s-OFDM QPSK	100@0	5.18	13	PASS

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



N78(20M)_DFT-s-OFDM_QPSK_Outer_Full_Mid_CH



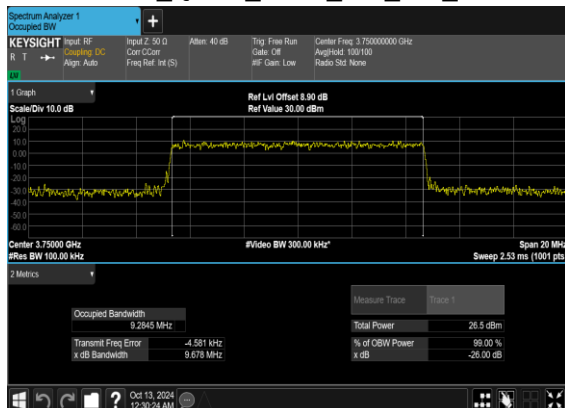


Occupied Bandwidth

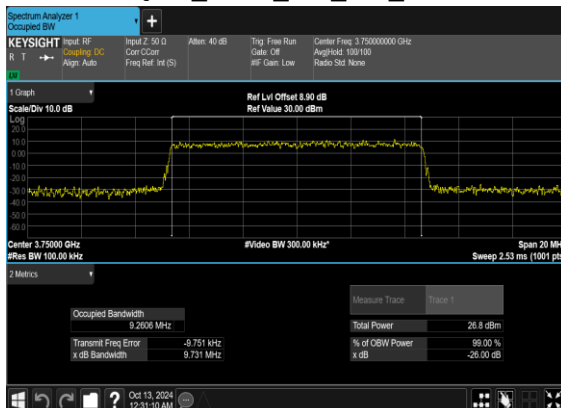
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	OBW (MHz)	26dB BW (MHz)
78	15	10	650000	3750.0	CP-OFDM QPSK	52@0	9.2845	9.678
78	15	10	650000	3750.0	CP-OFDM 16 QAM	52@0	9.2606	9.731
78	15	10	650000	3750.0	CP-OFDM 64 QAM	52@0	9.2776	9.711
78	15	10	650000	3750.0	CP-OFDM 256 QAM	52@0	9.285	9.689
78	15	15	650000	3750.0	CP-OFDM QPSK	79@0	14.095	14.7
78	15	15	650000	3750.0	CP-OFDM 16 QAM	79@0	14.094	14.7
78	15	15	650000	3750.0	CP-OFDM 64 QAM	79@0	14.075	14.63
78	15	15	650000	3750.0	CP-OFDM 256 QAM	79@0	14.069	14.62
78	15	20	650000	3750.0	CP-OFDM QPSK	106@0	18.868	19.68
78	15	20	650000	3750.0	CP-OFDM 16 QAM	106@0	18.927	19.64
78	15	20	650000	3750.0	CP-OFDM 64 QAM	106@0	18.911	19.6
78	15	20	650000	3750.0	CP-OFDM 256 QAM	106@0	18.908	19.61
78	15	25	650000	3750.0	CP-OFDM QPSK	133@0	23.725	24.55
78	15	25	650000	3750.0	CP-OFDM 16 QAM	133@0	23.789	24.64
78	15	25	650000	3750.0	CP-OFDM 64 QAM	133@0	23.743	24.66
78	15	25	650000	3750.0	CP-OFDM 256 QAM	133@0	23.75	24.62
78	15	30	650000	3750.0	CP-OFDM QPSK	160@0	28.508	29.5
78	15	30	650000	3750.0	CP-OFDM 16 QAM	160@0	28.589	29.46
78	15	30	650000	3750.0	CP-OFDM 64 QAM	160@0	28.496	29.49
78	15	30	650000	3750.0	CP-OFDM 256 QAM	160@0	28.524	29.62
78	15	40	650000	3750.0	CP-OFDM QPSK	216@0	38.56	39.84
78	15	40	650000	3750.0	CP-OFDM 16 QAM	216@0	38.504	39.79
78	15	40	650000	3750.0	CP-OFDM 64 QAM	216@0	38.453	39.85
78	15	40	650000	3750.0	CP-OFDM 256 QAM	216@0	38.488	39.86
78	15	50	650000	3750.0	CP-OFDM QPSK	270@0	48.242	49.7
78	15	50	650000	3750.0	CP-OFDM 16 QAM	270@0	48.209	49.74
78	15	50	650000	3750.0	CP-OFDM 64 QAM	270@0	48.066	49.81
78	15	50	650000	3750.0	CP-OFDM 256 QAM	270@0	48.218	49.72



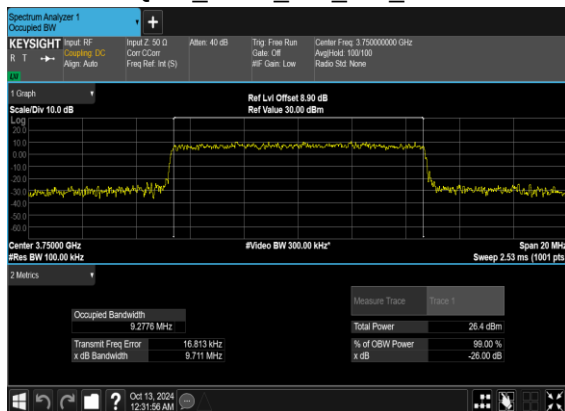
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OFDM_QPSK_Outer_Full_Mid_CH



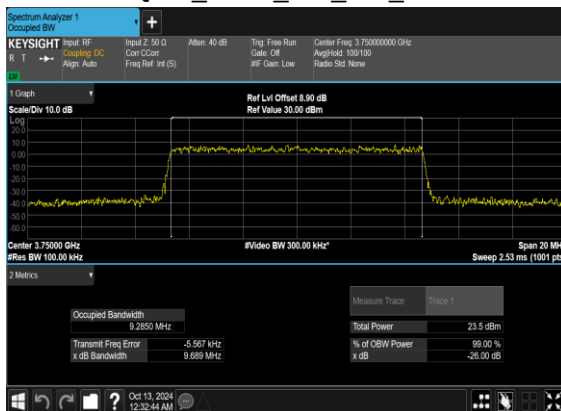
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QAM_Outer_Full_Mid_CH



N78(10M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH

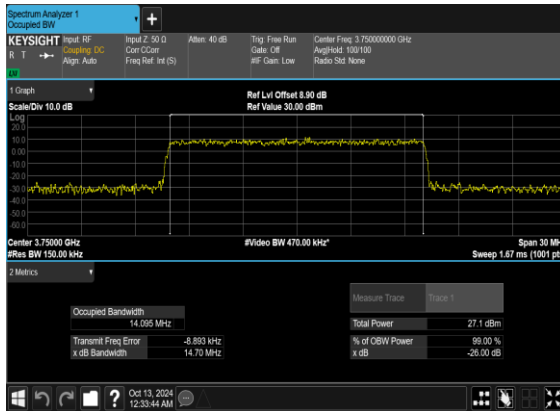


N78(10M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH

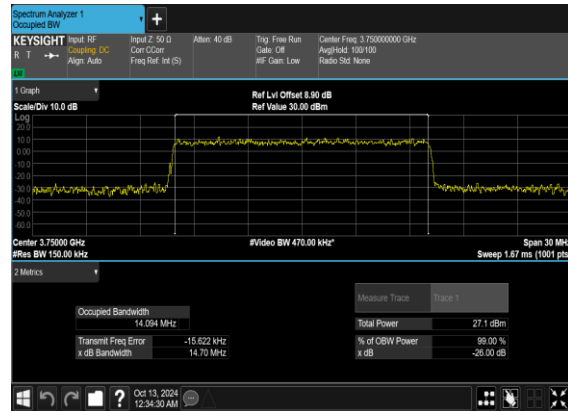




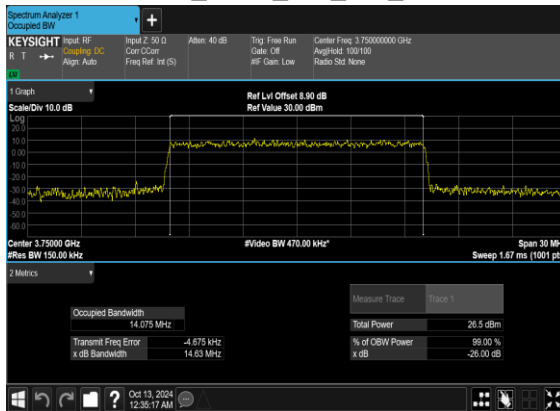
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OFDM_QPSK_Outer_Full_Mid_CH



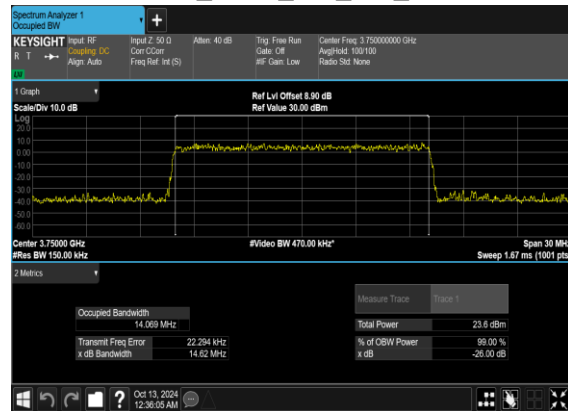
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QAM_Outer_Full_Mid_CH



N78(15M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH

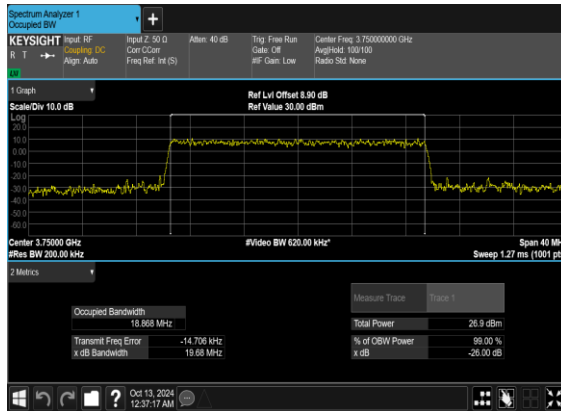


N78(15M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH

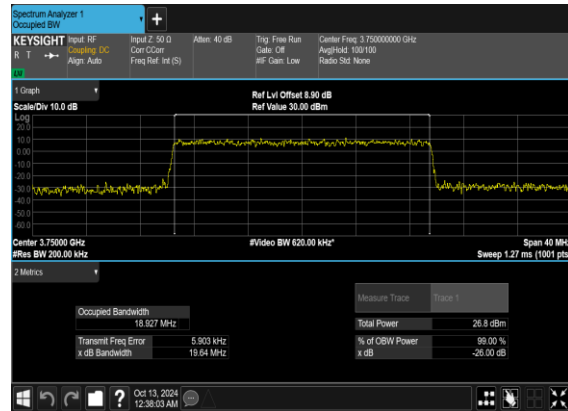




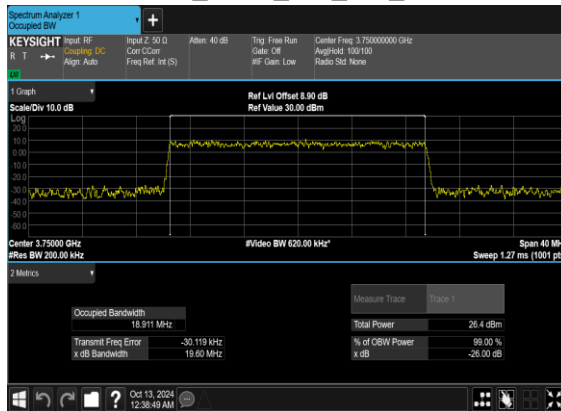
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OFDM_QPSK_Outer_Full_Mid_CH



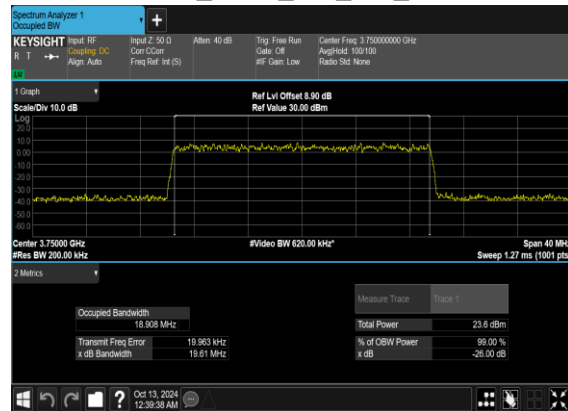
N78(20M)_CP-OFDM_16
QAM_Outer_Full_Mid_CH



N78(20M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH

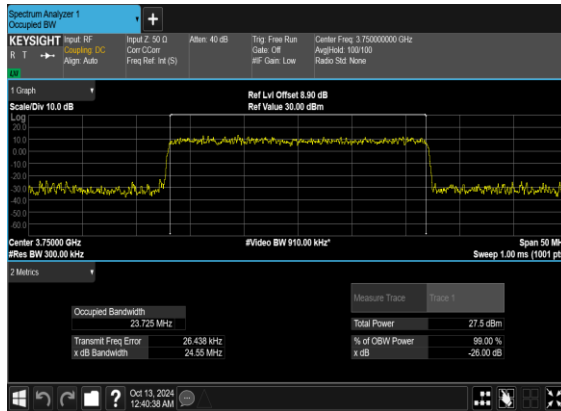


N78(20M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH

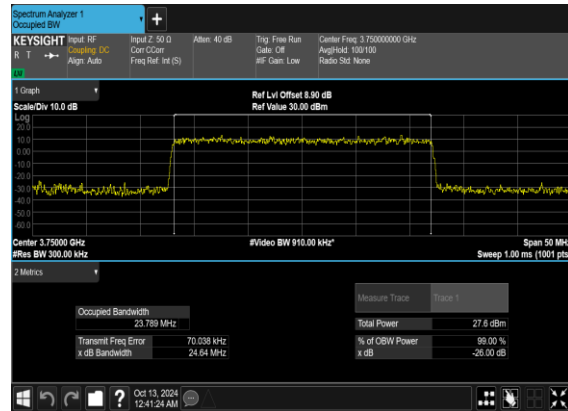




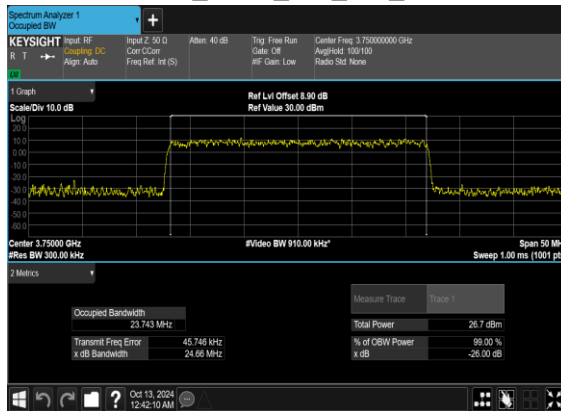
N78(25M)_CP-
OFDM_QPSK_Outer_Full_Mid_CH



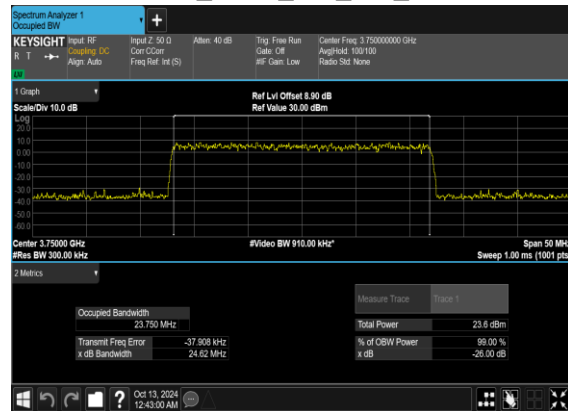
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QAM_Outer_Full_Mid_CH



N78(25M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH

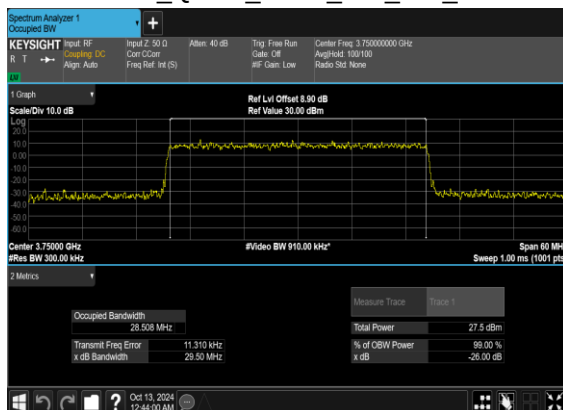


N78(25M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH

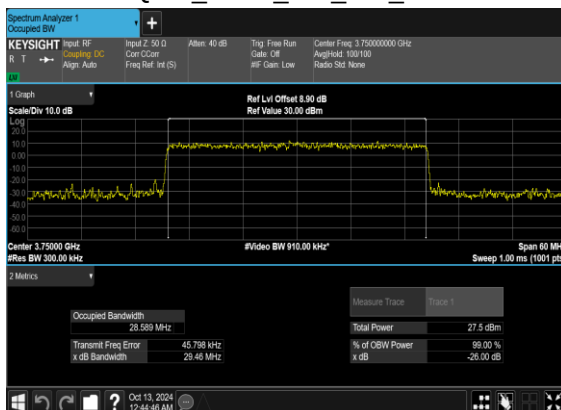




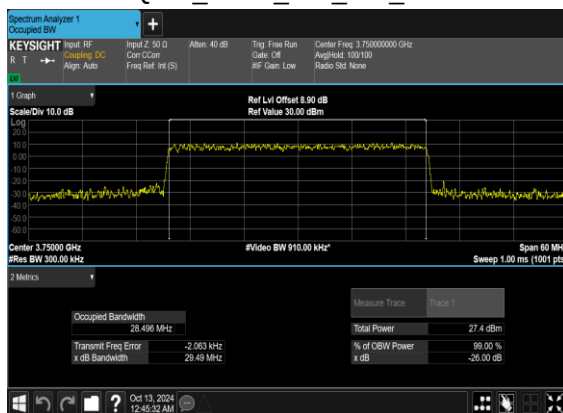
N78(30M)_CP-
OFDM_QPSK_Outer_Full_Mid_CH



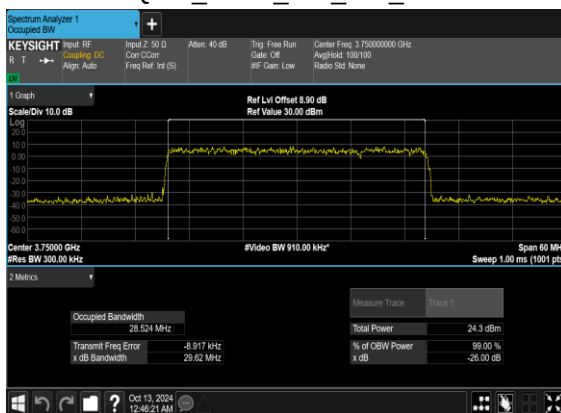
N78(30M)_CP-OFDM_16
QAM_Outer_Full_Mid_CH



N78(30M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH

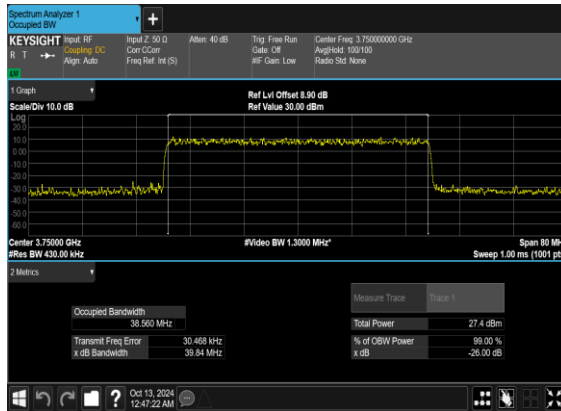


N78(30M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH

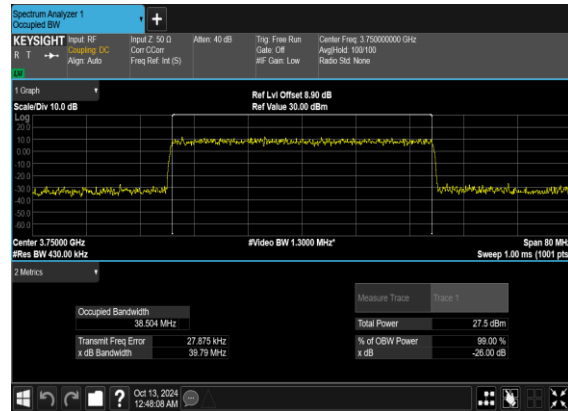




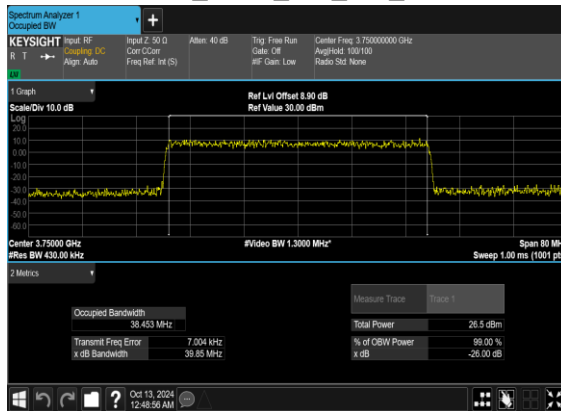
N78(40M)_CP-
OFDM_QPSK_Outer_Full_Mid_CH



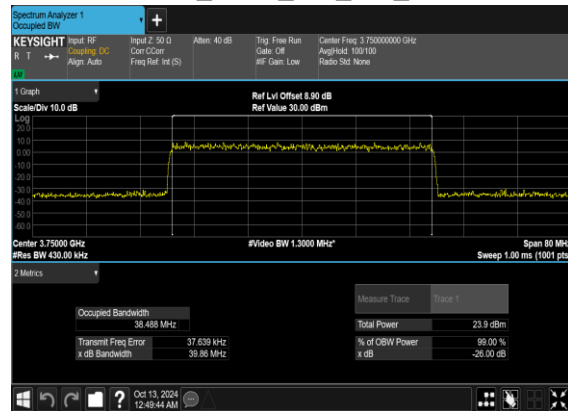
N78(40M)_CP-OFDM_16
QAM_Outer_Full_Mid_CH



N78(40M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH

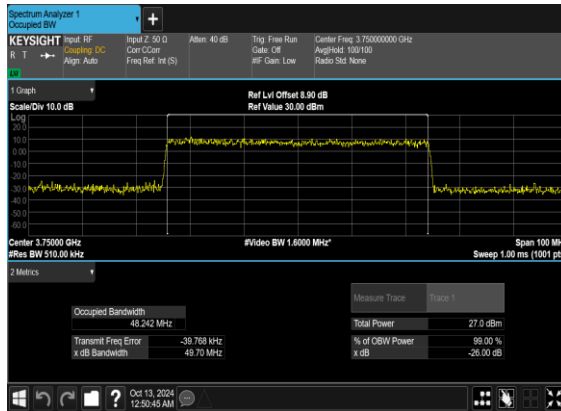


N78(40M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH

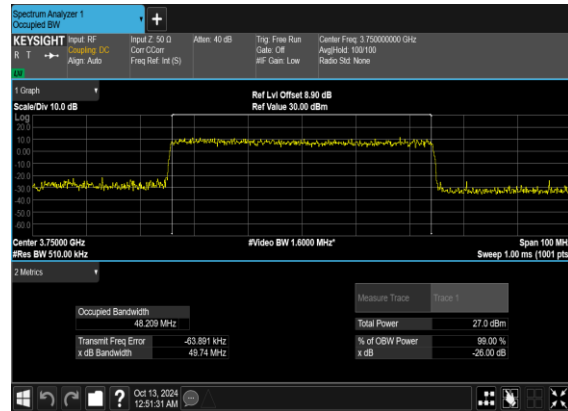




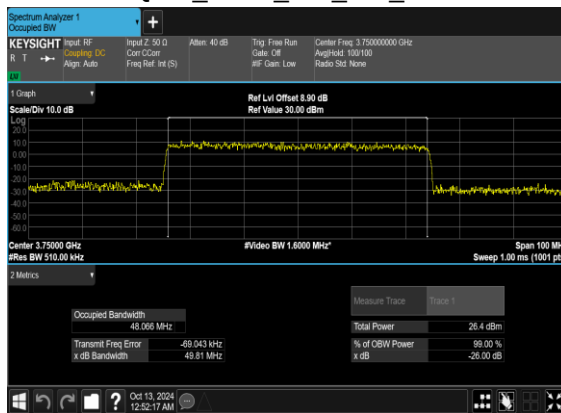
N78(50M)_CP-
OFDM_QPSK_Outer_Full_Mid_CH



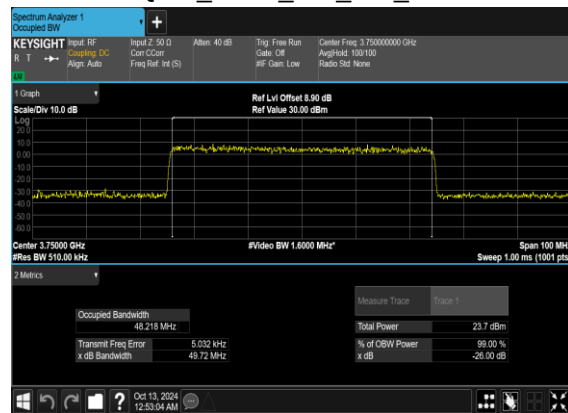
N78(50M)_CP-OFDM_16
QAM_Outer_Full_Mid_CH



N78(50M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH



N78(50M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH



**Conducted Spurious Emissions**

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
78	15	10	647000	3705.0	DFT-s-OFDM BPSK	1@0	see graph	---
78	15	10	647000	3705.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
78	15	10	647000	3705.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
78	15	10	647000	3705.0	DFT-s-OFDM QPSK	1@0	see graph	---
78	15	10	647000	3705.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
78	15	10	647000	3705.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
78	15	10	650000	3750.0	DFT-s-OFDM BPSK	1@0	see graph	---
78	15	10	650000	3750.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
78	15	10	650000	3750.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
78	15	10	650000	3750.0	DFT-s-OFDM QPSK	1@0	see graph	---
78	15	10	650000	3750.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
78	15	10	650000	3750.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
78	15	10	653000	3795.0	DFT-s-OFDM BPSK	1@0	see graph	---
78	15	10	653000	3795.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
78	15	10	653000	3795.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
78	15	10	653000	3795.0	DFT-s-OFDM QPSK	1@0	see graph	---
78	15	10	653000	3795.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
78	15	10	653000	3795.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
78	15	20	647334	3710.01	DFT-s-OFDM BPSK	1@0	see graph	---
78	15	20	647334	3710.01	DFT-s-OFDM BPSK	1@0	see graph	PASS
78	15	20	647334	3710.01	DFT-s-OFDM BPSK	1@0	see graph	PASS



78	15	20	647334	3710.01	DFT-s-OFDM QPSK	1@0	see graph	---
78	15	20	647334	3710.01	DFT-s-OFDM QPSK	1@0	see graph	PASS
78	15	20	647334	3710.01	DFT-s-OFDM QPSK	1@0	see graph	PASS
78	15	20	650000	3750.0	DFT-s-OFDM BPSK	1@0	see graph	---
78	15	20	650000	3750.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
78	15	20	650000	3750.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
78	15	20	650000	3750.0	DFT-s-OFDM QPSK	1@0	see graph	---
78	15	20	650000	3750.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
78	15	20	650000	3750.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
78	15	20	652666	3789.99	DFT-s-OFDM BPSK	1@0	see graph	---
78	15	20	652666	3789.99	DFT-s-OFDM BPSK	1@0	see graph	PASS
78	15	20	652666	3789.99	DFT-s-OFDM BPSK	1@0	see graph	PASS
78	15	20	652666	3789.99	DFT-s-OFDM QPSK	1@0	see graph	---
78	15	20	652666	3789.99	DFT-s-OFDM QPSK	1@0	see graph	PASS
78	15	20	652666	3789.99	DFT-s-OFDM QPSK	1@0	see graph	PASS
78	15	50	648334	3725.01	DFT-s-OFDM BPSK	1@0	see graph	---
78	15	50	648334	3725.01	DFT-s-OFDM BPSK	1@0	see graph	PASS
78	15	50	648334	3725.01	DFT-s-OFDM BPSK	1@0	see graph	PASS
78	15	50	648334	3725.01	DFT-s-OFDM QPSK	1@0	see graph	---
78	15	50	648334	3725.01	DFT-s-OFDM QPSK	1@0	see graph	PASS
78	15	50	648334	3725.01	DFT-s-OFDM QPSK	1@0	see graph	PASS
78	15	50	650000	3750.0	DFT-s-OFDM BPSK	1@0	see graph	---
78	15	50	650000	3750.0	DFT-s-OFDM BPSK	1@0	see graph	PASS



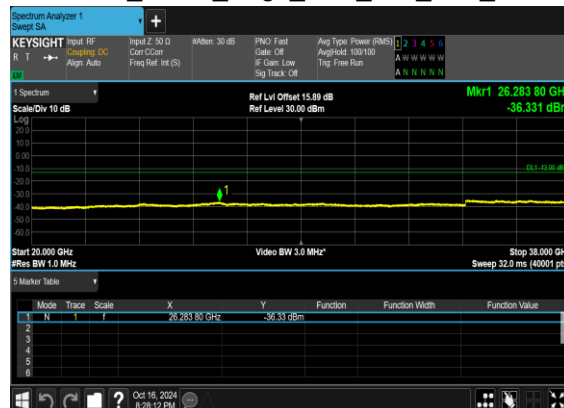
78	15	50	650000	3750.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
78	15	50	650000	3750.0	DFT-s-OFDM QPSK	1@0	see graph	---
78	15	50	650000	3750.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
78	15	50	650000	3750.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
78	15	50	651666	3774.99	DFT-s-OFDM BPSK	1@0	see graph	---
78	15	50	651666	3774.99	DFT-s-OFDM BPSK	1@0	see graph	PASS
78	15	50	651666	3774.99	DFT-s-OFDM BPSK	1@0	see graph	PASS
78	15	50	651666	3774.99	DFT-s-OFDM QPSK	1@0	see graph	---
78	15	50	651666	3774.99	DFT-s-OFDM QPSK	1@0	see graph	PASS
78	15	50	651666	3774.99	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



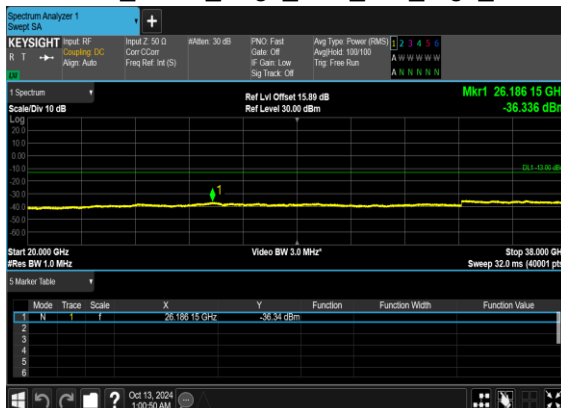
N78(10M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Mid_CHN78(10M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Mid_CHN78(10M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Mid_CHN78(10M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Mid_CH



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

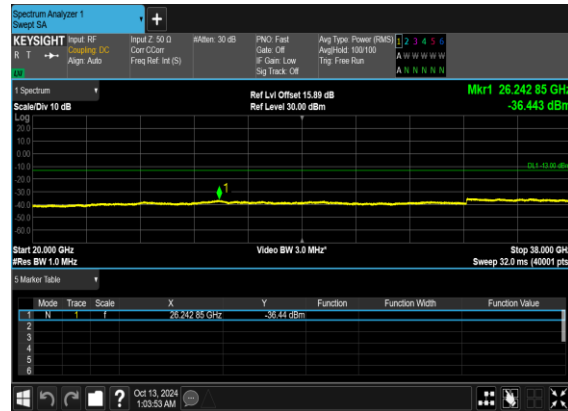




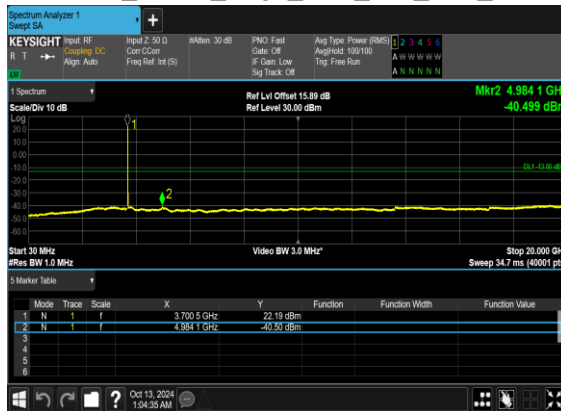
N78(20M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



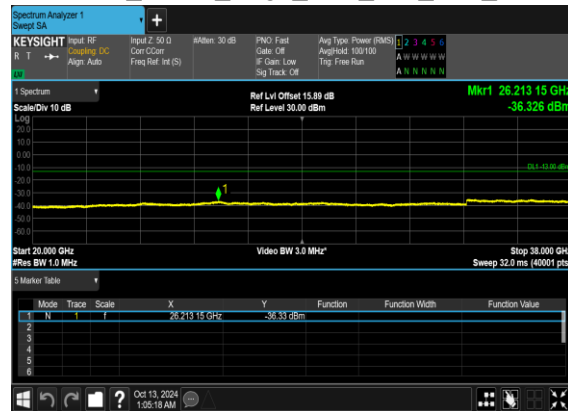
N78(20M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



N78(20M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH



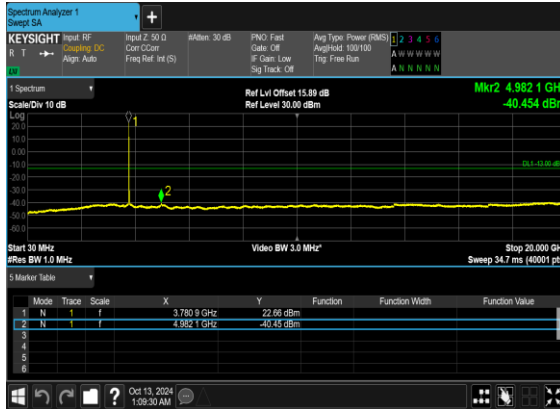
N78(20M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH



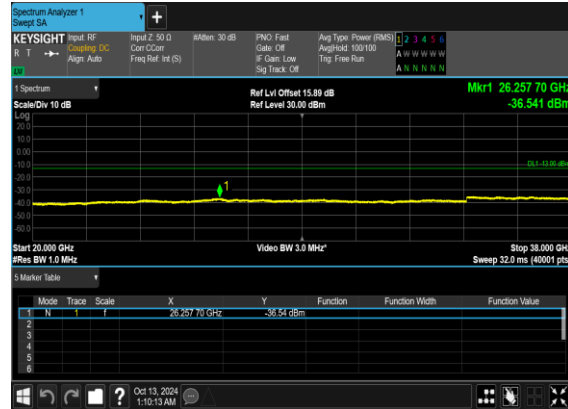
N78(20M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Mid_CHN78(20M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Mid_CHN78(20M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Mid_CHN78(20M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Mid_CH



N78(20M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_High_CH



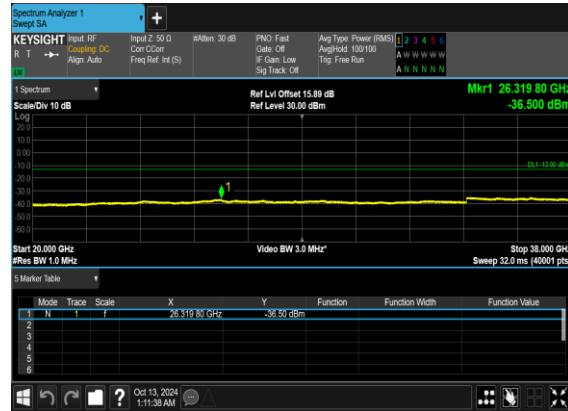
N78(20M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_High_CH



N78(20M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_High_CH



N78(20M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_High_CH

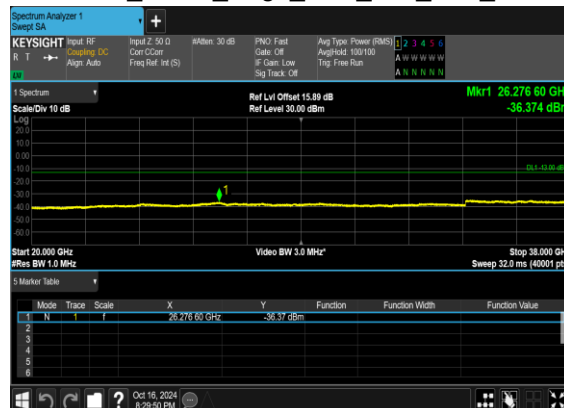




N78(50M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



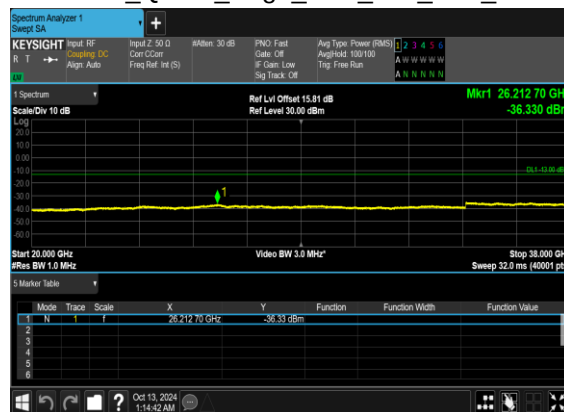
N78(50M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



N78(50M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH



N78(50M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH

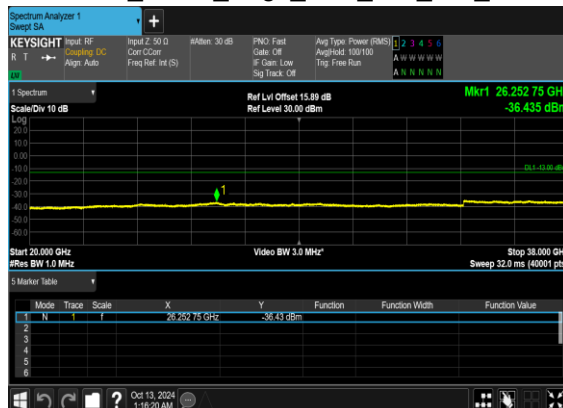




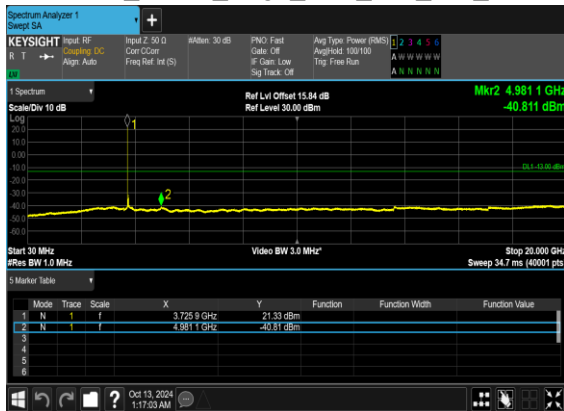
N78(50M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Mid_CH



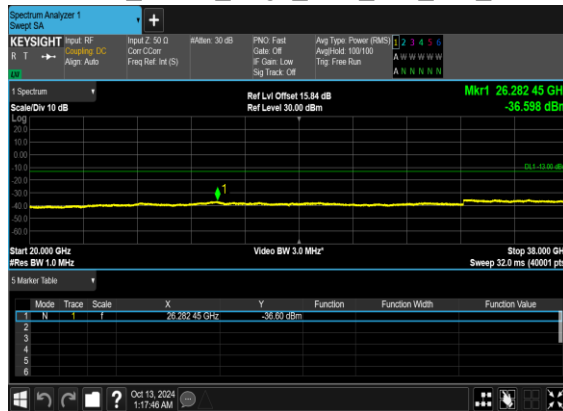
N78(50M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Mid_CH



N78(50M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Mid_CH

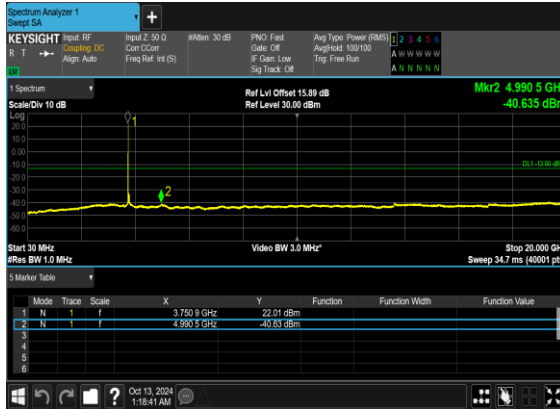


N78(50M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Mid_CH

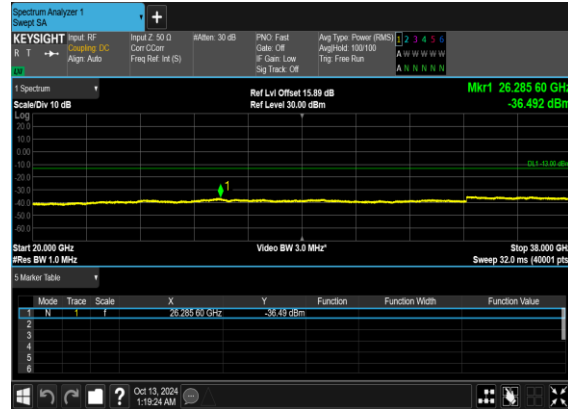




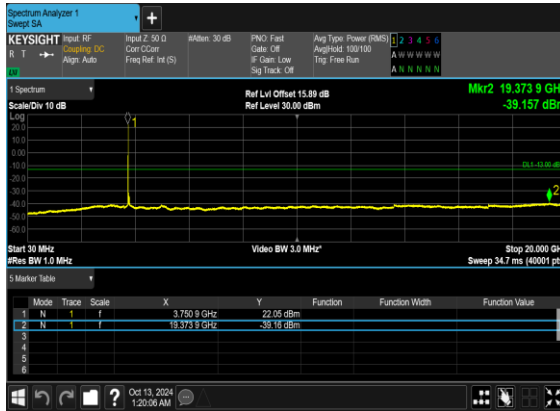
N78(50M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_High_CH



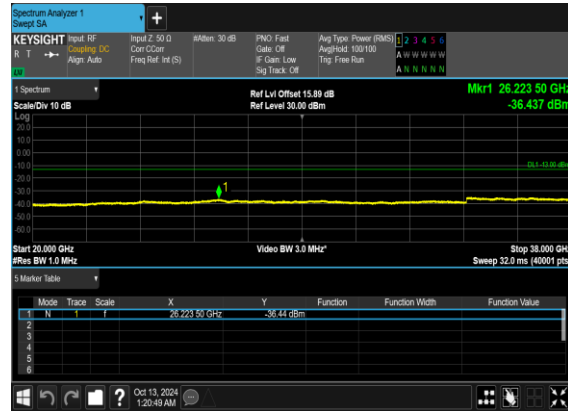
N78(50M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_High_CH



N78(50M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_High_CH



N78(50M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_High_CH

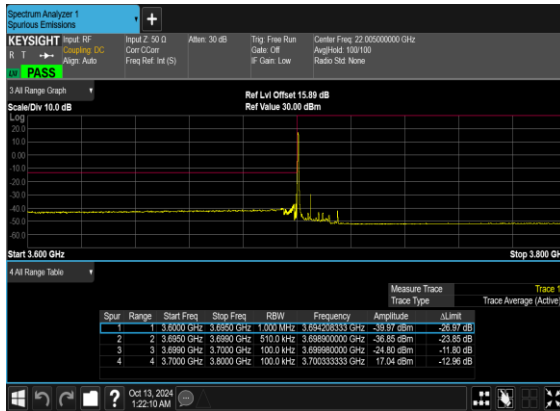


**Conducted Band Edge**

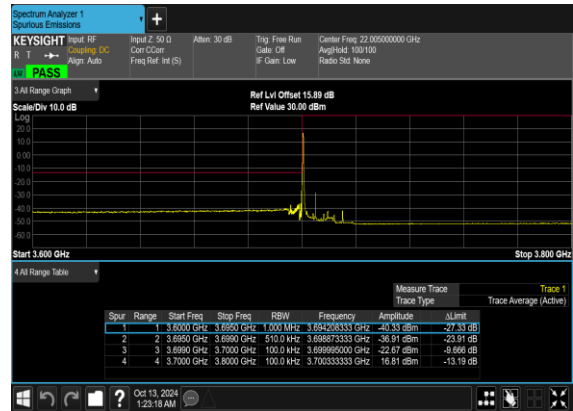
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
78	15	10	647000	3705.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
78	15	10	647000	3705.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
78	15	10	647000	3705.0	DFT-s-OFDM BPSK	50@0	see graph	PASS
78	15	10	647000	3705.0	DFT-s-OFDM QPSK	50@0	see graph	PASS
78	15	10	653000	3795.0	DFT-s-OFDM BPSK	1@51	see graph	PASS
78	15	10	653000	3795.0	DFT-s-OFDM QPSK	1@51	see graph	PASS
78	15	10	653000	3795.0	DFT-s-OFDM BPSK	50@0	see graph	PASS
78	15	10	653000	3795.0	DFT-s-OFDM QPSK	50@0	see graph	PASS
78	15	20	647334	3710.01	DFT-s-OFDM BPSK	1@0	see graph	PASS
78	15	20	647334	3710.01	DFT-s-OFDM QPSK	1@0	see graph	PASS
78	15	20	647334	3710.01	DFT-s-OFDM BPSK	100@0	see graph	PASS
78	15	20	647334	3710.01	DFT-s-OFDM QPSK	100@0	see graph	PASS
78	15	20	652666	3789.99	DFT-s-OFDM BPSK	1@105	see graph	PASS
78	15	20	652666	3789.99	DFT-s-OFDM QPSK	1@105	see graph	PASS
78	15	20	652666	3789.99	DFT-s-OFDM BPSK	100@0	see graph	PASS
78	15	20	652666	3789.99	DFT-s-OFDM QPSK	100@0	see graph	PASS
78	15	50	648334	3725.01	DFT-s-OFDM BPSK	1@0	see graph	PASS
78	15	50	648334	3725.01	DFT-s-OFDM QPSK	1@0	see graph	PASS
78	15	50	648334	3725.01	DFT-s-OFDM BPSK	270@0	see graph	PASS
78	15	50	648334	3725.01	DFT-s-OFDM QPSK	270@0	see graph	PASS
78	15	50	651666	3774.99	DFT-s-OFDM BPSK	1@269	see graph	PASS
78	15	50	651666	3774.99	DFT-s-OFDM QPSK	1@269	see graph	PASS
78	15	50	651666	3774.99	DFT-s-OFDM BPSK	270@0	see graph	PASS
78	15	50	651666	3774.99	DFT-s-OFDM QPSK	270@0	see graph	PASS



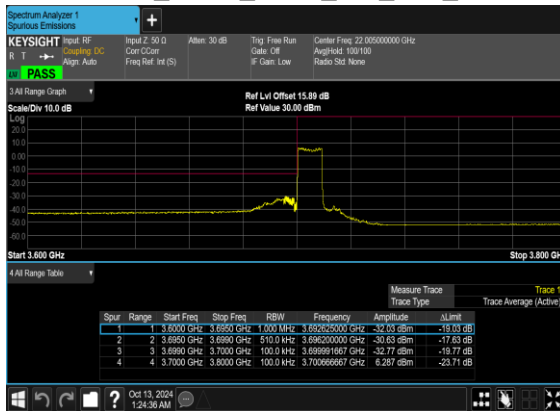
N78(10M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



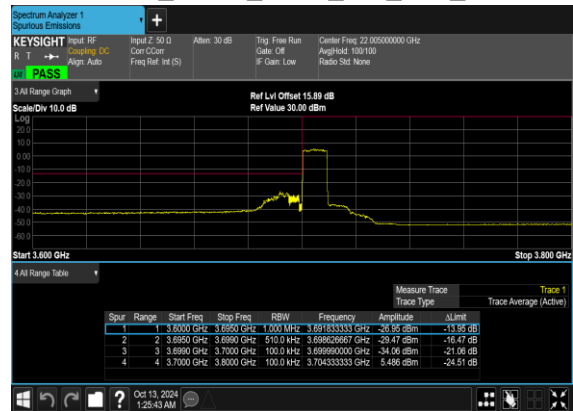
N78(10M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH



N78(10M)_DFT-s-
OFDM_BPSK_Outer_Full_Low_CH

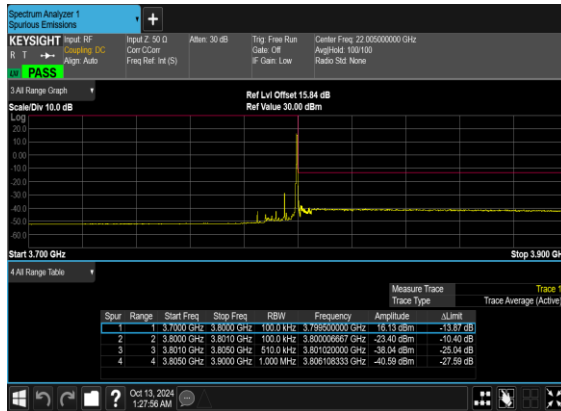


N78(10M)_DFT-s-
OFDM_QPSK_Outer_Full_Low_CH





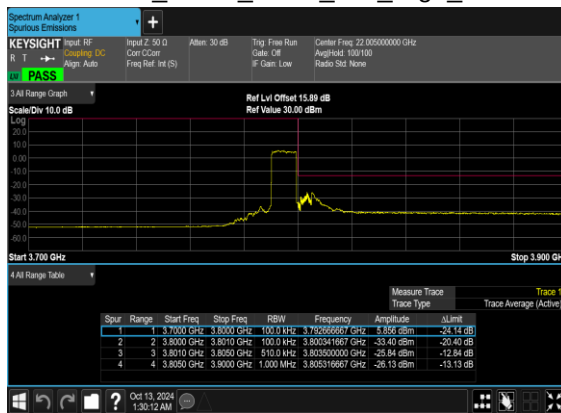
N78(10M)_DFT-s-
OFDM_BPSK_Edge_1RB_Right_High_CH



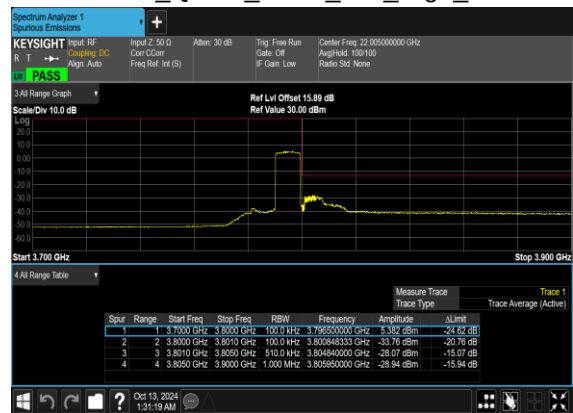
N78(10M)_DFT-s-
OFDM_QPSK_Edge_1RB_Right_High_CH



N78(10M)_DFT-s-
OFDM_BPSK_Outer_Full_High_CH

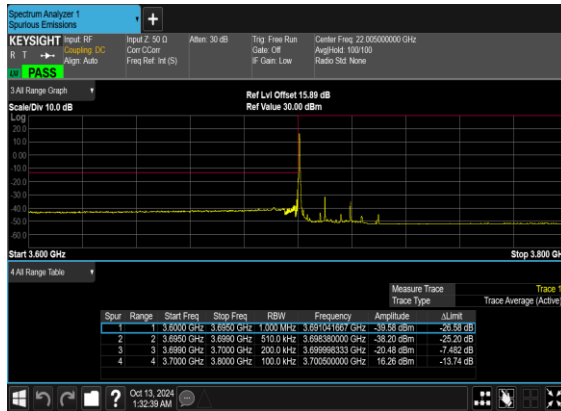


N78(10M)_DFT-s-
OFDM_QPSK_Outer_Full_High_CH

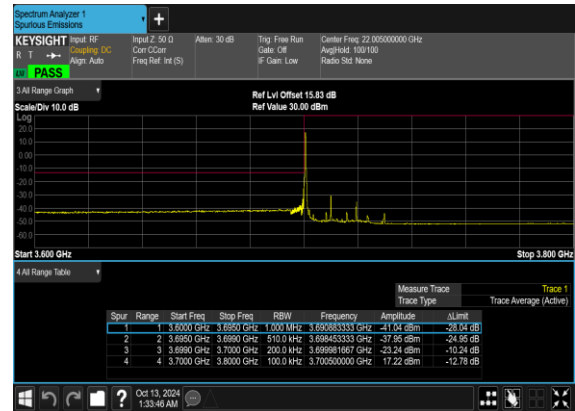




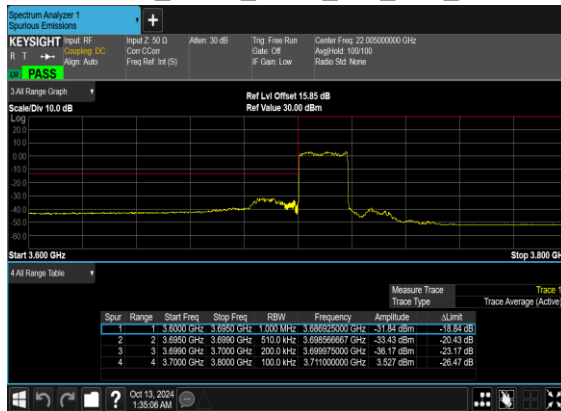
N78(20M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



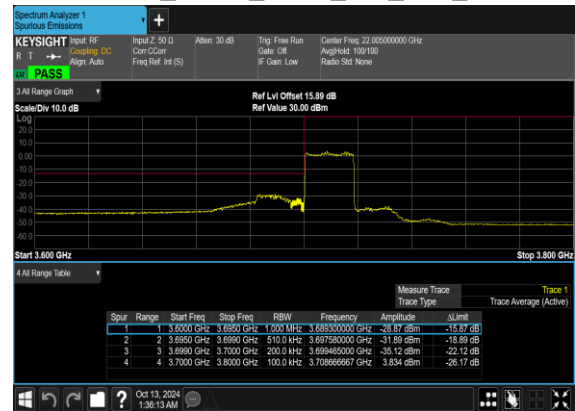
N78(20M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH



N78(20M)_DFT-s-
OFDM_BPSK_Outer_Full_Low_CH

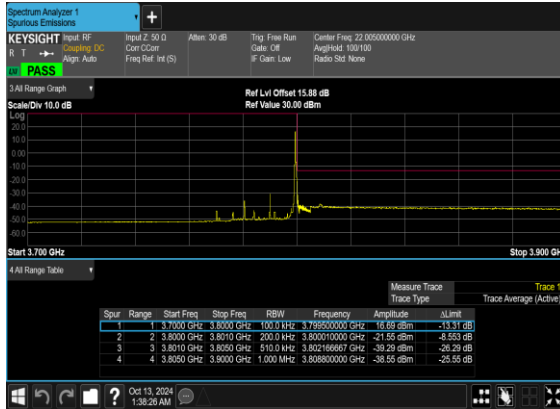


N78(20M)_DFT-s-
OFDM_QPSK_Outer_Full_Low_CH

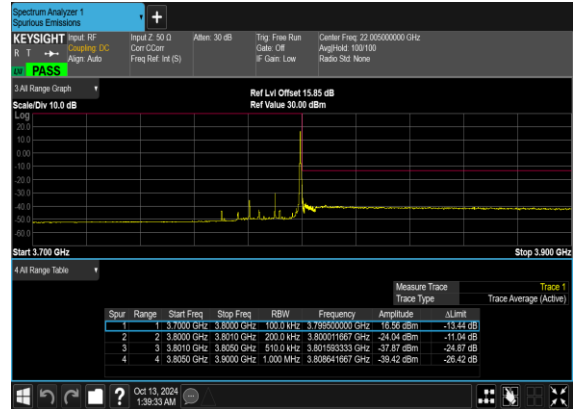




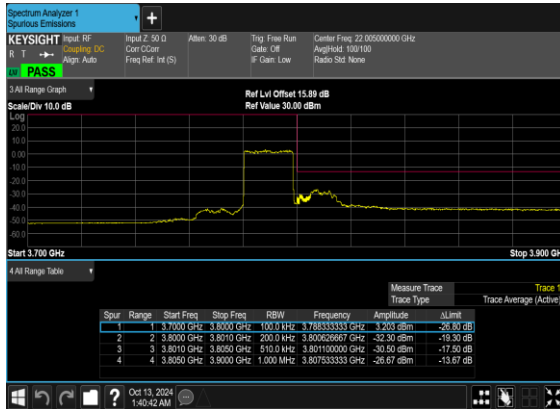
N78(20M)_DFT-s-
OFDM_BPSK_Edge_1RB_Right_High_CH



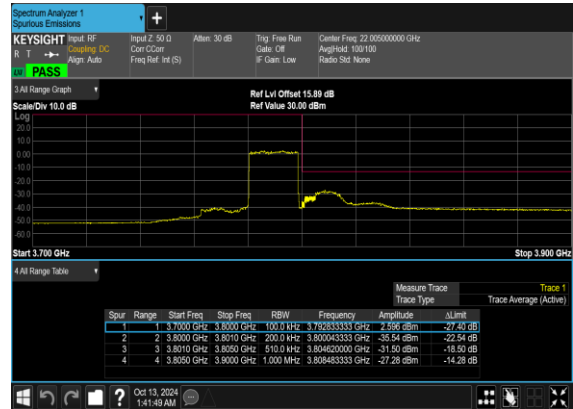
N78(20M)_DFT-s-
OFDM_QPSK_Edge_1RB_Right_High_CH



N78(20M)_DFT-s-
OFDM_BPSK_Outer_Full_High_CH

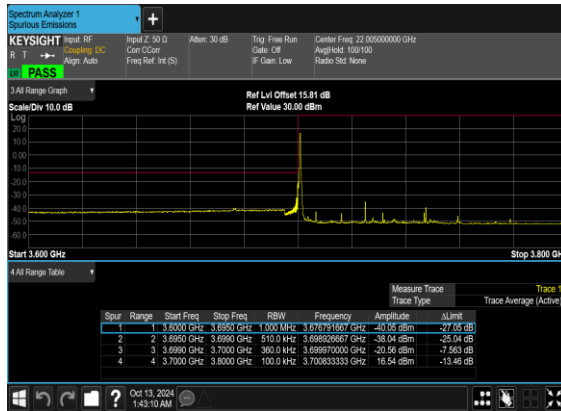


N78(20M)_DFT-s-
OFDM_QPSK_Outer_Full_High_CH

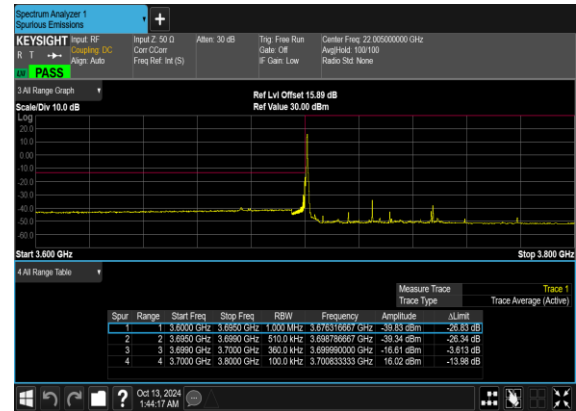




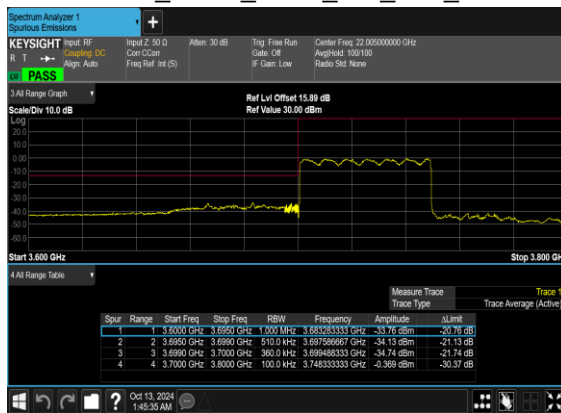
N78(50M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



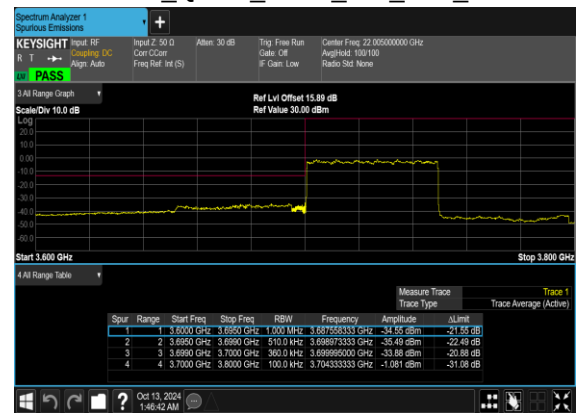
N78(50M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH



N78(50M)_DFT-s-
OFDM_BPSK_Outer_Full_Low_CH

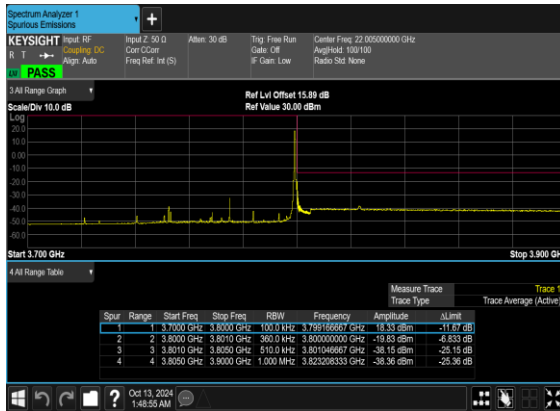


N78(50M)_DFT-s-
OFDM_QPSK_Outer_Full_Low_CH

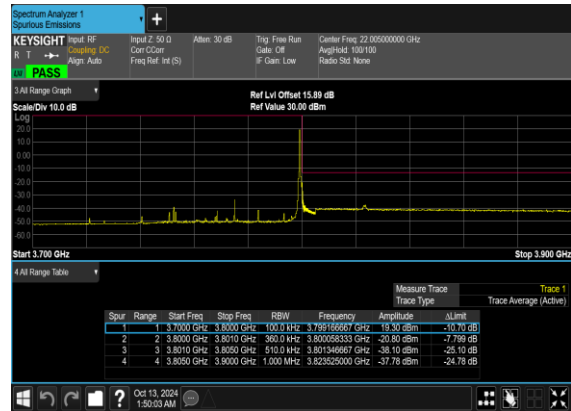




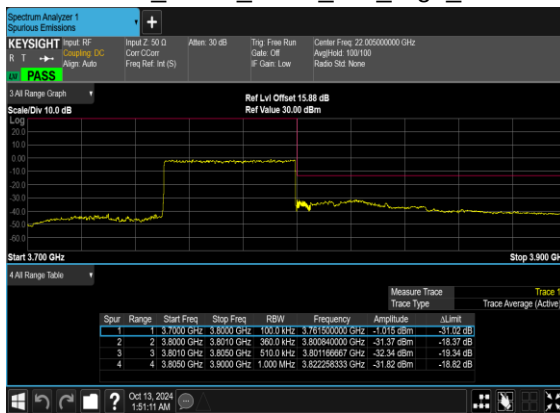
N78(50M)_DFT-s-
OFDM_BPSK_Edge_1RB_Right_High_CH



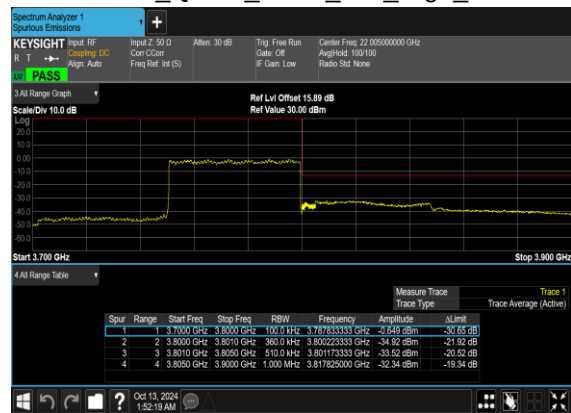
N78(50M)_DFT-s-
OFDM_QPSK_Edge_1RB_Right_High_CH



N78(50M)_DFT-s-
OFDM_BPSK_Outer_Full_High_CH



N78(50M)_DFT-s-
OFDM_QPSK_Outer_Full_High_CH





Software Version: 23.06.1602

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

NR Band	SCS	BandWidth	Arfcn	Freq(MHz)	Modulation	RB	Conducted Power(dBm)	EIRP(dBm)	EIRP(W)
78	30	10	647000	3705	DFT-s-OFDM QPSK	1@1	25.85	23.15	0.2065
78	30	10	647000	3705	DFT-s-OFDM 16 QAM	1@1	25.01	22.31	0.1702
78	30	10	650000	3750	DFT-s-OFDM QPSK	1@1	25.41	22.71	0.1866
78	30	10	650000	3750	DFT-s-OFDM 16 QAM	1@1	24.52	21.82	0.1521
78	30	10	653000	3795	DFT-s-OFDM QPSK	1@1	25.66	22.96	0.1977
78	30	10	653000	3795	DFT-s-OFDM 16 QAM	1@1	24.82	22.12	0.1629
78	30	15	647168	3707.52	DFT-s-OFDM QPSK	1@1	25.82	23.12	0.2051
78	30	15	647168	3707.52	DFT-s-OFDM 16 QAM	1@1	24.85	22.15	0.1641
78	30	15	650000	3750	DFT-s-OFDM QPSK	1@1	25.76	23.06	0.2023
78	30	15	650000	3750	DFT-s-OFDM 16 QAM	1@1	24.5	21.8	0.1514
78	30	15	652832	3792.48	DFT-s-OFDM QPSK	1@1	25.6	22.9	0.1950
78	30	15	652832	3792.48	DFT-s-OFDM 16 QAM	1@1	24.75	22.05	0.1603
78	30	20	647334	3710.01	DFT-s-OFDM QPSK	1@1	25.81	23.11	0.2046
78	30	20	647334	3710.01	DFT-s-OFDM 16 QAM	1@1	24.93	22.23	0.1671
78	30	20	650000	3750	DFT-s-OFDM QPSK	1@1	25.42	22.72	0.1871
78	30	20	650000	3750	DFT-s-OFDM 16 QAM	1@1	24.57	21.87	0.1538
78	30	20	652666	3789.99	DFT-s-OFDM QPSK	1@1	25.68	22.98	0.1986
78	30	20	652666	3789.99	DFT-s-OFDM 16 QAM	1@1	24.82	22.12	0.1629
78	30	25	647500	3712.5	DFT-s-OFDM QPSK	1@1	25.8	23.1	0.2042
78	30	25	647500	3712.5	DFT-s-OFDM 16 QAM	1@1	24.94	22.24	0.1675
78	30	25	650000	3750	DFT-s-OFDM QPSK	1@1	25.48	22.78	0.1897
78	30	25	650000	3750	DFT-s-OFDM 16 QAM	1@1	24.62	21.92	0.1556
78	30	25	652500	3787.5	DFT-s-OFDM QPSK	1@1	25.66	22.96	0.1977
78	30	25	652500	3787.5	DFT-s-OFDM 16 QAM	1@1	24.81	22.11	0.1626
78	30	30	647668	3715.02	DFT-s-OFDM QPSK	1@1	25.86	23.16	0.2070
78	30	30	647668	3715.02	DFT-s-OFDM 16 QAM	1@1	24.92	22.22	0.1667
78	30	30	650000	3750	DFT-s-OFDM QPSK	1@1	25.59	22.89	0.1945
78	30	30	650000	3750	DFT-s-OFDM 16 QAM	1@1	24.7	22	0.1585
78	30	30	652332	3784.98	DFT-s-OFDM QPSK	1@1	25.68	22.98	0.1986
78	30	30	652332	3784.98	DFT-s-OFDM 16 QAM	1@1	24.67	21.97	0.1574
78	30	40	648000	3720	DFT-s-OFDM QPSK	1@1	26	23.3	0.2138
78	30	40	648000	3720	DFT-s-OFDM 16 QAM	1@1	24.91	22.21	0.1663
78	30	40	650000	3750	DFT-s-OFDM QPSK	1@1	25.62	22.92	0.1959
78	30	40	650000	3750	DFT-s-OFDM 16 QAM	1@1	24.6	21.9	0.1549



78	30	40	652000	3780	DFT-s-OFDM QPSK	1@1	25.64	22.94	0.1968
78	30	40	652000	3780	DFT-s-OFDM 16 QAM	1@1	24.7	22	0.1585
78	30	50	648334	3725.01	DFT-s-OFDM QPSK	1@1	25.86	23.16	0.2070
78	30	50	648334	3725.01	DFT-s-OFDM 16 QAM	1@1	24.96	22.26	0.1683
78	30	50	650000	3750	DFT-s-OFDM QPSK	1@1	25.62	22.92	0.1959
78	30	50	650000	3750	DFT-s-OFDM 16 QAM	1@1	24.67	21.97	0.1574
78	30	50	651666	3774.99	DFT-s-OFDM QPSK	1@1	25.73	23.03	0.2009
78	30	50	651666	3774.99	DFT-s-OFDM 16 QAM	1@1	24.6	21.9	0.1549
78	30	60	648668	3730.02	DFT-s-OFDM QPSK	1@1	25.81	23.11	0.2046
78	30	60	648668	3730.02	DFT-s-OFDM 16 QAM	1@1	24.86	22.16	0.1644
78	30	60	650000	3750	DFT-s-OFDM QPSK	1@1	25.67	22.97	0.1982
78	30	60	650000	3750	DFT-s-OFDM 16 QAM	1@1	24.75	22.05	0.1603
78	30	60	651332	3769.98	DFT-s-OFDM QPSK	1@1	25.44	22.74	0.1879
78	30	60	651332	3769.98	DFT-s-OFDM 16 QAM	1@1	24.42	21.72	0.1486
78	30	70	649000	3735	DFT-s-OFDM QPSK	1@1	25.82	23.12	0.2051
78	30	70	649000	3735	DFT-s-OFDM 16 QAM	1@1	24.78	22.08	0.1614
78	30	70	650000	3750	DFT-s-OFDM QPSK	1@1	25.72	23.02	0.2004
78	30	70	650000	3750	DFT-s-OFDM 16 QAM	1@1	24.8	22.1	0.1622
78	30	70	651000	3765	DFT-s-OFDM QPSK	1@1	25.55	22.85	0.1928
78	30	70	651000	3765	DFT-s-OFDM 16 QAM	1@1	24.57	21.87	0.1538
78	30	80	649334	3740.01	DFT-s-OFDM QPSK	1@1	25.82	23.12	0.2051
78	30	80	649334	3740.01	DFT-s-OFDM 16 QAM	1@1	24.82	22.12	0.1629
78	30	80	650000	3750	DFT-s-OFDM QPSK	1@1	25.8	23.1	0.2042
78	30	80	650000	3750	DFT-s-OFDM 16 QAM	1@1	24.8	22.1	0.1622
78	30	80	650666	3759.99	DFT-s-OFDM QPSK	1@1	25.62	22.92	0.1959
78	30	80	650666	3759.99	DFT-s-OFDM 16 QAM	1@1	24.66	21.96	0.1570
78	30	90	649668	3745.02	DFT-s-OFDM QPSK	1@1	25.83	23.13	0.2056
78	30	90	649668	3745.02	DFT-s-OFDM 16 QAM	1@1	24.91	22.21	0.1663
78	30	90	650000	3750	DFT-s-OFDM QPSK	1@1	26.15	23.45	0.2213
78	30	90	650000	3750	DFT-s-OFDM 16 QAM	1@1	24.91	22.21	0.1663
78	30	90	650332	3754.98	DFT-s-OFDM QPSK	1@1	26.09	23.39	0.2183
78	30	90	650332	3754.98	DFT-s-OFDM 16 QAM	1@1	24.81	22.11	0.1626
78	30	100	650000	3750	DFT-s-OFDM PI/2 BPSK	135@67	25.66	22.96	0.1977
78	30	100	650000	3750	DFT-s-OFDM PI/2 BPSK	1@1	25.84	23.14	0.2061
78	30	100	650000	3750	DFT-s-OFDM PI/2 BPSK	1@271	25.64	22.94	0.1968
78	30	100	650000	3750	DFT-s-OFDM QPSK	135@67	25.66	22.96	0.1977
78	30	100	650000	3750	DFT-s-OFDM QPSK	1@1	26.16	23.46	0.2218
78	30	100	650000	3750	DFT-s-OFDM QPSK	1@271	25.53	22.83	0.1919
78	30	100	650000	3750	DFT-s-OFDM 16 QAM	135@67	24.67	21.97	0.1574
78	30	100	650000	3750	DFT-s-OFDM 16 QAM	1@1	24.92	22.22	0.1667
78	30	100	650000	3750	DFT-s-OFDM 16 QAM	1@271	24.58	21.88	0.1542



78	30	100	650000	3750	DFT-s-OFDM 64 QAM	135@67	23.22	20.52	0.1127
78	30	100	650000	3750	DFT-s-OFDM 64 QAM	1@1	23.29	20.59	0.1146
78	30	100	650000	3750	DFT-s-OFDM 64 QAM	1@271	23.09	20.39	0.1094
78	30	100	650000	3750	DFT-s-OFDM 256 QAM	135@67	21.23	18.53	0.0713
78	30	100	650000	3750	DFT-s-OFDM 256 QAM	1@1	21.28	18.58	0.0721
78	30	100	650000	3750	DFT-s-OFDM 256 QAM	1@271	21.06	18.36	0.0685
78	30	100	650000	3750	CP-OFDM QPSK	137@68	24.12	21.42	0.1387
78	30	100	650000	3750	CP-OFDM QPSK	1@1	24.37	21.67	0.1469
78	30	100	650000	3750	CP-OFDM QPSK	1@271	24.06	21.36	0.1368



Frequency Stability

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Deviation (ppm)	Verdict	Environment
78	30	20	650000	3750.0	DFT-s-OFDM QPSK	50@0	0.0054	PASS	NV
78	30	20	650000	3750.0	DFT-s-OFDM QPSK	50@0	0.0020	PASS	LV
78	30	20	650000	3750.0	DFT-s-OFDM QPSK	50@0	0.0040	PASS	HV
78	30	20	650000	3750.0	DFT-s-OFDM QPSK	50@0	0.0033	PASS	-30°C
78	30	20	650000	3750.0	DFT-s-OFDM QPSK	50@0	0.0045	PASS	-20°C
78	30	20	650000	3750.0	DFT-s-OFDM QPSK	50@0	0.0038	PASS	-10°C
78	30	20	650000	3750.0	DFT-s-OFDM QPSK	50@0	0.0055	PASS	0°C
78	30	20	650000	3750.0	DFT-s-OFDM QPSK	50@0	0.0068	PASS	10°C
78	30	20	650000	3750.0	DFT-s-OFDM QPSK	50@0	0.0054	PASS	20°C
78	30	20	650000	3750.0	DFT-s-OFDM QPSK	50@0	0.0055	PASS	30°C
78	30	20	650000	3750.0	DFT-s-OFDM QPSK	50@0	0.0056	PASS	40°C
78	30	20	650000	3750.0	DFT-s-OFDM QPSK	50@0	0.0060	PASS	50°C