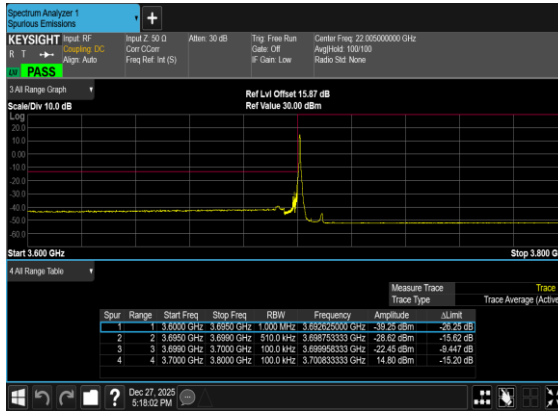
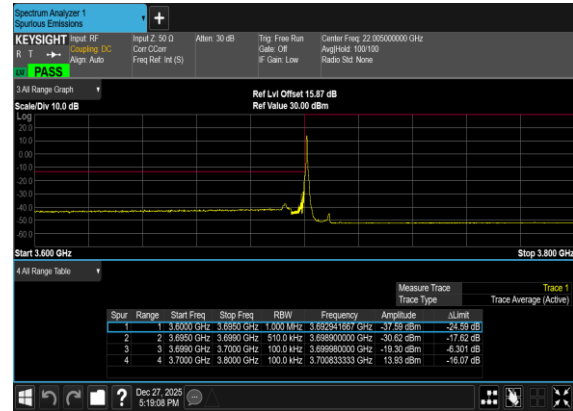




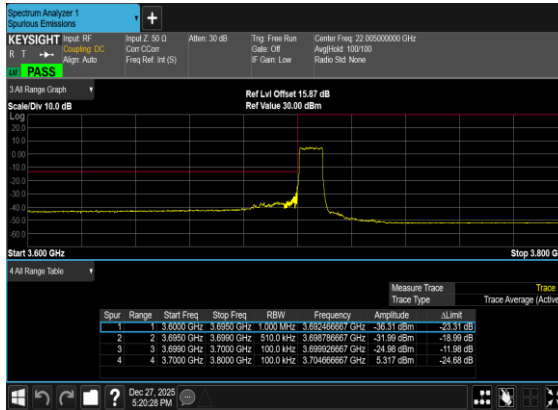
N77(10M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



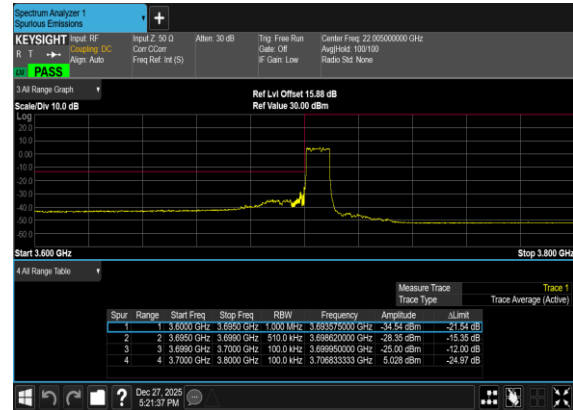
N77(10M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH



N77(10M)_DFT-s-
OFDM_BPSK_Outer_Full_Low_CH



N77(10M)_DFT-s-
OFDM_QPSK_Outer_Full_Low_CH





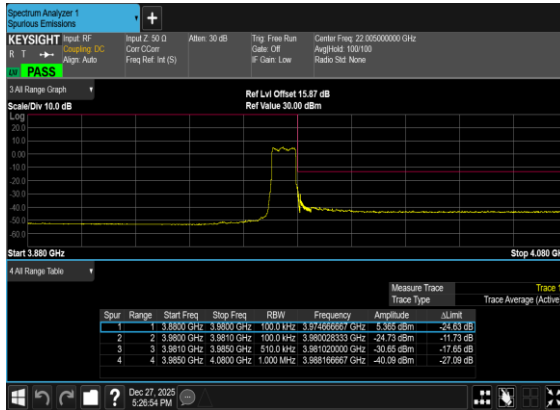
N77(10M)_DFT-s-
OFDM_BPSK_Edge_1RB_Right_High_CH



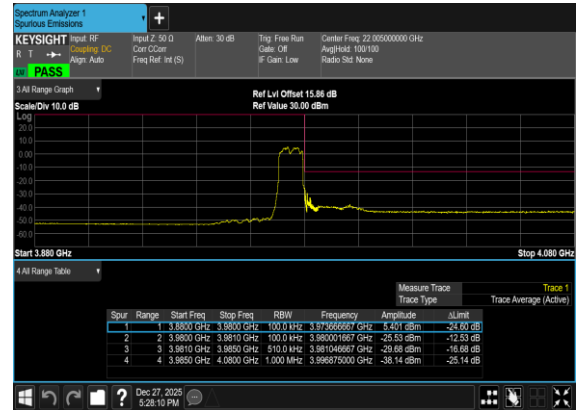
N77(10M)_DFT-s-
OFDM_QPSK_Edge_1RB_Right_High_CH



N77(10M)_DFT-s-
OFDM_BPSK_Outer_Full_High_CH

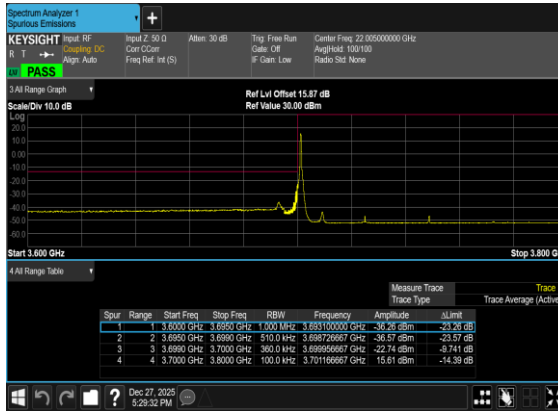


N77(10M)_DFT-s-
OFDM_QPSK_Outer_Full_High_CH

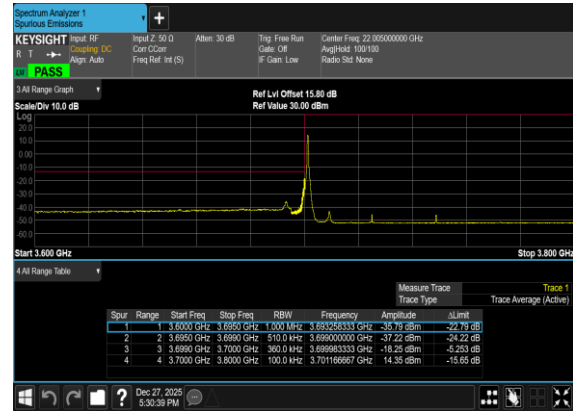




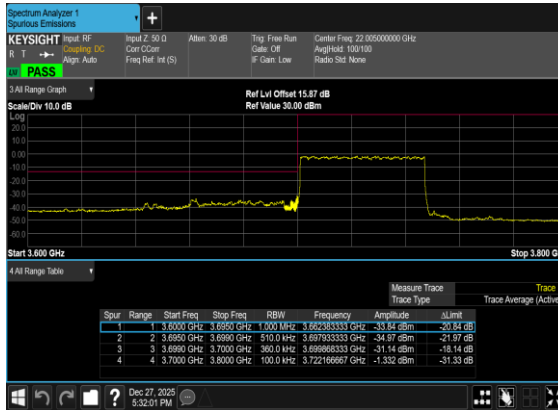
N77(50M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



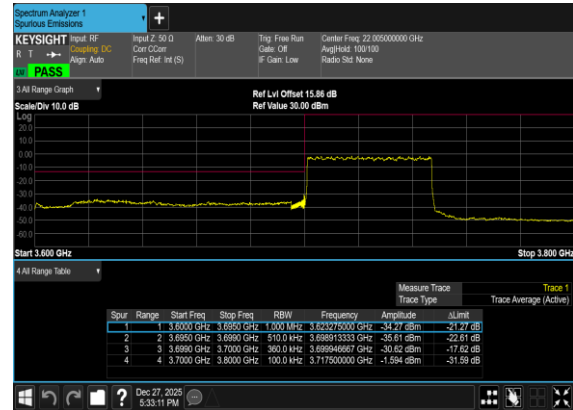
N77(50M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH



N77(50M)_DFT-s-
OFDM_BPSK_Outer_Full_Low_CH



N77(50M)_DFT-s-
OFDM_QPSK_Outer_Full_Low_CH

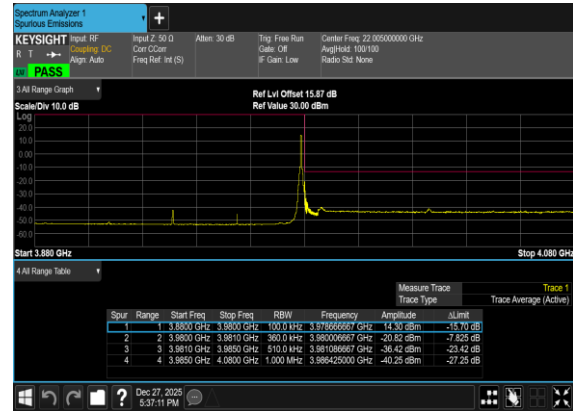




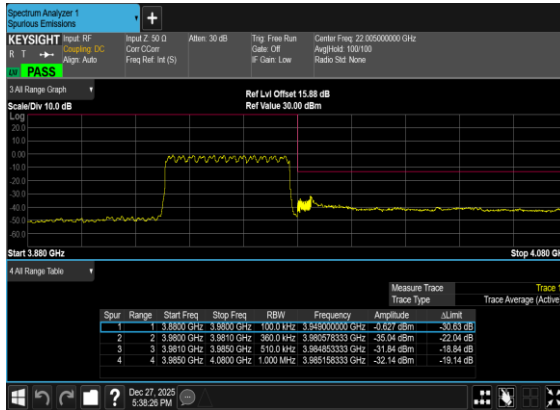
N77(50M)_DFT-s-
OFDM_BPSK_Edge_1RB_Right_High_CH



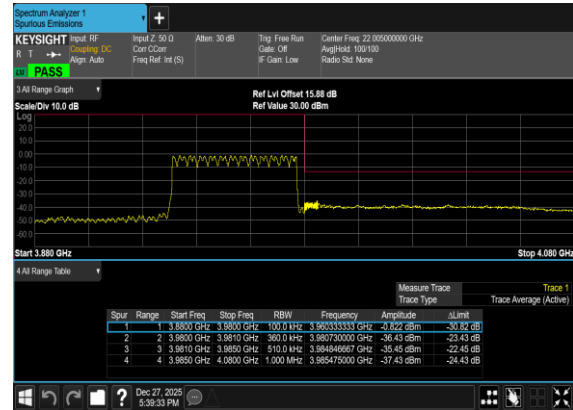
N77(50M)_DFT-s-
OFDM_QPSK_Edge_1RB_Right_High_CH



N77(50M)_DFT-s-
OFDM_BPSK_Outer_Full_High_CH

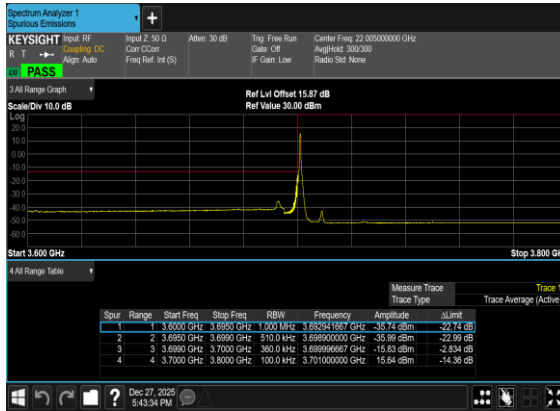


N77(50M)_DFT-s-
OFDM_QPSK_Outer_Full_High_CH

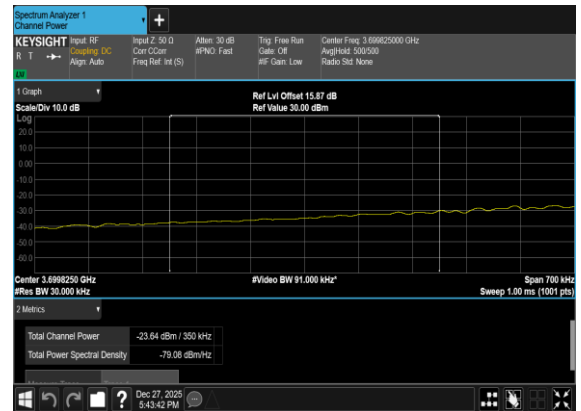




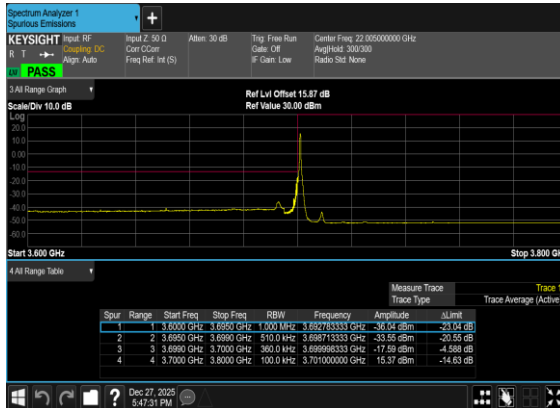
N77(100M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



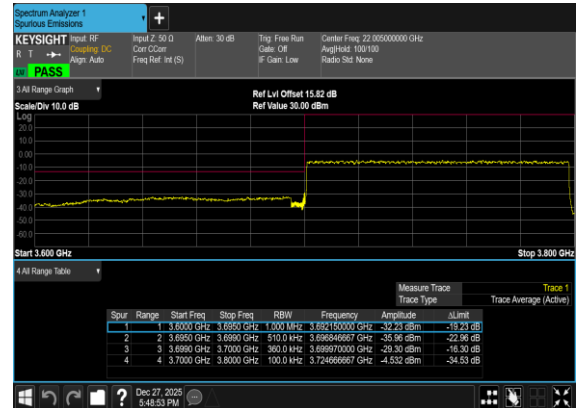
N77(100M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH_chp_
PASS



N77(100M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH

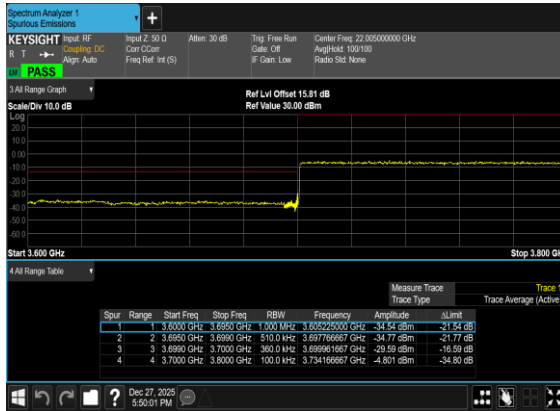


N77(100M)_DFT-s-
OFDM_BPSK_Outer_Full_Low_CH





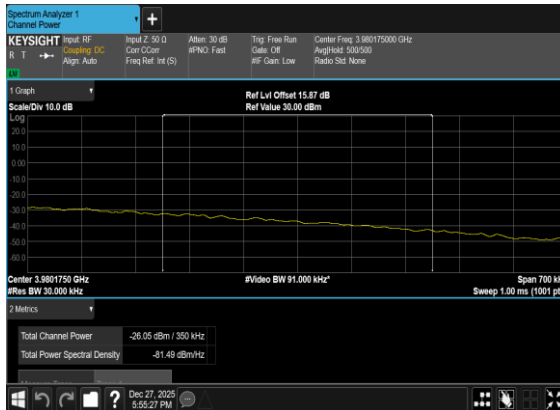
N77(100M)_DFT-s-
OFDM_QPSK_Outer_Full_Low_CH



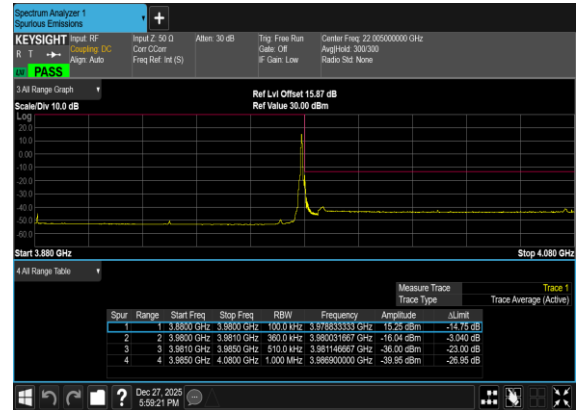
N77(100M)_DFT-s-
OFDM_BPSK_Edge_1RB_Right_High_CH



N77(100M)_DFT-s-
OFDM_BPSK_Edge_1RB_Right_High_CH_CHP_P
ASS

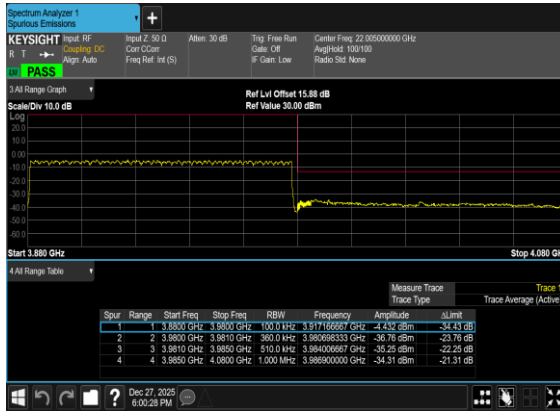


N77(100M)_DFT-s-
OFDM_QPSK_Edge_1RB_Right_High_CH

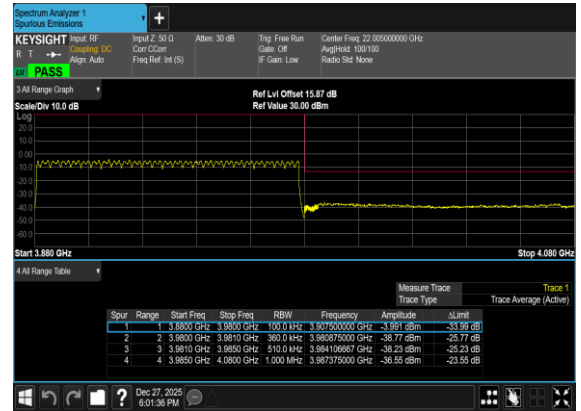




N77(100M)_DFT-s-
OFDM_BPSK_Outer_Full_High_CH



N77(100M)_DFT-s-
OFDM_QPSK_Outer_Full_High_CH





FR1 N78_ANT1

Transmitter Conducted Output Power And EIRP, $(G_T - L_C) = -3.0\text{dB}$

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	12@6	25.32	22.32	0.1706
78	30	10	647000	3705	DFT-s-OFDM QPSK	1@1	25.33	22.33	0.1710
78	30	10	647000	3705	DFT-s-OFDM QPSK	1@22	25.32	22.32	0.1706
78	30	10	647000	3705	DFT-s-OFDM 16 QAM	12@6	24.27	21.27	0.1340
78	30	10	647000	3705	DFT-s-OFDM 16 QAM	1@1	24.34	21.34	0.1361
78	30	10	647000	3705	DFT-s-OFDM 16 QAM	1@22	24.23	21.23	0.1327
78	30	10	650000	3750	DFT-s-OFDM QPSK	12@6	25.37	22.37	0.1726
78	30	10	650000	3750	DFT-s-OFDM QPSK	1@1	25.34	22.34	0.1714
78	30	10	650000	3750	DFT-s-OFDM QPSK	1@22	25.41	22.41	0.1742
78	30	10	650000	3750	DFT-s-OFDM 16 QAM	12@6	24.4	21.4	0.1380
78	30	10	650000	3750	DFT-s-OFDM 16 QAM	1@1	24.37	21.37	0.1371
78	30	10	650000	3750	DFT-s-OFDM 16 QAM	1@22	24.48	21.48	0.1406
78	30	10	653000	3795	DFT-s-OFDM QPSK	12@6	25.49	22.49	0.1774
78	30	10	653000	3795	DFT-s-OFDM QPSK	1@1	25.49	22.49	0.1774
78	30	10	653000	3795	DFT-s-OFDM QPSK	1@22	25.5	22.5	0.1778
78	30	10	653000	3795	DFT-s-OFDM 16 QAM	12@6	24.46	21.46	0.1400
78	30	10	653000	3795	DFT-s-OFDM 16 QAM	1@1	24.44	21.44	0.1393
78	30	10	653000	3795	DFT-s-OFDM 16 QAM	1@22	24.59	21.59	0.1442
78	30	20	647334	3710.01	DFT-s-OFDM QPSK	25@12	25.32	22.32	0.1706
78	30	20	647334	3710.01	DFT-s-OFDM QPSK	1@1	25.16	22.16	0.1644
78	30	20	647334	3710.01	DFT-s-OFDM QPSK	1@49	25.19	22.19	0.1656
78	30	20	647334	3710.01	DFT-s-OFDM 16 QAM	25@12	24.24	21.24	0.1330
78	30	20	647334	3710.01	DFT-s-OFDM 16 QAM	1@1	24.15	21.15	0.1303
78	30	20	647334	3710.01	DFT-s-OFDM 16 QAM	1@49	24.21	21.21	0.1321
78	30	20	650000	3750	DFT-s-OFDM QPSK	25@12	25.45	22.45	0.1758
78	30	20	650000	3750	DFT-s-OFDM QPSK	1@1	25.22	22.22	0.1667
78	30	20	650000	3750	DFT-s-OFDM QPSK	1@49	25.27	22.27	0.1687
78	30	20	650000	3750	DFT-s-OFDM 16 QAM	25@12	24.23	21.23	0.1327
78	30	20	650000	3750	DFT-s-OFDM 16 QAM	1@1	24.23	21.23	0.1327
78	30	20	650000	3750	DFT-s-OFDM 16 QAM	1@49	24.19	21.19	0.1315
78	30	20	652666	3789.99	DFT-s-OFDM QPSK	25@12	25.52	22.52	0.1786
78	30	20	652666	3789.99	DFT-s-OFDM QPSK	1@1	25.28	22.28	0.1690
78	30	20	652666	3789.99	DFT-s-OFDM QPSK	1@49	25.39	22.39	0.1734
78	30	20	652666	3789.99	DFT-s-OFDM 16 QAM	25@12	24.36	21.36	0.1368
78	30	20	652666	3789.99	DFT-s-OFDM 16 QAM	1@1	24.26	21.26	0.1337
78	30	20	652666	3789.99	DFT-s-OFDM 16 QAM	1@49	24.4	21.4	0.1380



NR Band	SCS	BandWidth	Arfcn	Freq(MHz)	Modulation	RB	Conducted Power(dBm)	EIRP(dBm)	EIRP(W)
78	30	30	647668	3715.02	DFT-s-OFDM QPSK	36@18	25.6	22.6	0.1820
78	30	30	647668	3715.02	DFT-s-OFDM QPSK	1@1	25.48	22.48	0.1770
78	30	30	647668	3715.02	DFT-s-OFDM QPSK	1@76	25.46	22.46	0.1762
78	30	30	647668	3715.02	DFT-s-OFDM 16 QAM	36@18	24.38	21.38	0.1374
78	30	30	647668	3715.02	DFT-s-OFDM 16 QAM	1@1	24.43	21.43	0.1390
78	30	30	647668	3715.02	DFT-s-OFDM 16 QAM	1@76	24.49	21.49	0.1409
78	30	30	650000	3750	DFT-s-OFDM QPSK	36@18	25.6	22.6	0.1820
78	30	30	650000	3750	DFT-s-OFDM QPSK	1@1	25.5	22.5	0.1778
78	30	30	650000	3750	DFT-s-OFDM QPSK	1@76	25.36	22.36	0.1722
78	30	30	650000	3750	DFT-s-OFDM 16 QAM	36@18	24.48	21.48	0.1406
78	30	30	650000	3750	DFT-s-OFDM 16 QAM	1@1	24.54	21.54	0.1426
78	30	30	650000	3750	DFT-s-OFDM 16 QAM	1@76	24.41	21.41	0.1384
78	30	30	652332	3784.98	DFT-s-OFDM QPSK	36@18	25.58	22.58	0.1811
78	30	30	652332	3784.98	DFT-s-OFDM QPSK	1@1	25.4	22.4	0.1738
78	30	30	652332	3784.98	DFT-s-OFDM QPSK	1@76	25.65	22.65	0.1841
78	30	30	652332	3784.98	DFT-s-OFDM 16 QAM	36@18	24.45	21.45	0.1396
78	30	30	652332	3784.98	DFT-s-OFDM 16 QAM	1@1	24.31	21.31	0.1352
78	30	30	652332	3784.98	DFT-s-OFDM 16 QAM	1@76	24.5	21.5	0.1413
78	30	40	648000	3720	DFT-s-OFDM QPSK	50@25	25.46	22.46	0.1762
78	30	40	648000	3720	DFT-s-OFDM QPSK	1@1	25.55	22.55	0.1799
78	30	40	648000	3720	DFT-s-OFDM QPSK	1@104	25.46	22.46	0.1762
78	30	40	648000	3720	DFT-s-OFDM 16 QAM	50@25	24.49	21.49	0.1409
78	30	40	648000	3720	DFT-s-OFDM 16 QAM	1@1	24.36	21.36	0.1368
78	30	40	648000	3720	DFT-s-OFDM 16 QAM	1@104	24.44	21.44	0.1393
78	30	40	650000	3750	DFT-s-OFDM QPSK	50@25	25.57	22.57	0.1807
78	30	40	650000	3750	DFT-s-OFDM QPSK	1@1	25.5	22.5	0.1778
78	30	40	650000	3750	DFT-s-OFDM QPSK	1@104	25.42	22.42	0.1746
78	30	40	650000	3750	DFT-s-OFDM 16 QAM	50@25	24.44	21.44	0.1393
78	30	40	650000	3750	DFT-s-OFDM 16 QAM	1@1	24.44	21.44	0.1393
78	30	40	650000	3750	DFT-s-OFDM 16 QAM	1@104	24.41	21.41	0.1384
78	30	40	652000	3780	DFT-s-OFDM QPSK	50@25	25.57	22.57	0.1807
78	30	40	652000	3780	DFT-s-OFDM QPSK	1@1	25.49	22.49	0.1774
78	30	40	652000	3780	DFT-s-OFDM QPSK	1@104	25.59	22.59	0.1816
78	30	40	652000	3780	DFT-s-OFDM 16 QAM	50@25	24.48	21.48	0.1406
78	30	40	652000	3780	DFT-s-OFDM 16 QAM	1@1	24.54	21.54	0.1426
78	30	40	652000	3780	DFT-s-OFDM 16 QAM	1@104	24.55	21.55	0.1429
78	30	50	648334	3725.01	DFT-s-OFDM QPSK	64@32	25.67	22.67	0.1849
78	30	50	648334	3725.01	DFT-s-OFDM QPSK	1@1	25.51	22.51	0.1782
78	30	50	648334	3725.01	DFT-s-OFDM QPSK	1@131	25.59	22.59	0.1816
78	30	50	648334	3725.01	DFT-s-OFDM 16 QAM	64@32	24.52	21.52	0.1419



NR Band	SCS	BandWidth	Arfcn	Freq(MHz)	Modulation	RB	Conducted Power(dBm)	EIRP(dBm)	EIRP(W)
78	30	50	648334	3725.01	DFT-s-OFDM 16 QAM	1@1	24.48	21.48	0.1406
78	30	50	648334	3725.01	DFT-s-OFDM 16 QAM	1@131	24.55	21.55	0.1429
78	30	50	650000	3750	DFT-s-OFDM QPSK	64@32	25.71	22.71	0.1866
78	30	50	650000	3750	DFT-s-OFDM QPSK	1@1	25.54	22.54	0.1795
78	30	50	650000	3750	DFT-s-OFDM QPSK	1@131	25.56	22.56	0.1803
78	30	50	650000	3750	DFT-s-OFDM 16 QAM	64@32	24.59	21.59	0.1442
78	30	50	650000	3750	DFT-s-OFDM 16 QAM	1@1	24.6	21.6	0.1445
78	30	50	650000	3750	DFT-s-OFDM 16 QAM	1@131	24.56	21.56	0.1432
78	30	50	651666	3774.99	DFT-s-OFDM QPSK	64@32	25.68	22.68	0.1854
78	30	50	651666	3774.99	DFT-s-OFDM QPSK	1@1	25.58	22.58	0.1811
78	30	50	651666	3774.99	DFT-s-OFDM QPSK	1@131	25.73	22.73	0.1875
78	30	50	651666	3774.99	DFT-s-OFDM 16 QAM	64@32	24.59	21.59	0.1442
78	30	50	651666	3774.99	DFT-s-OFDM 16 QAM	1@1	24.6	21.6	0.1445
78	30	50	651666	3774.99	DFT-s-OFDM 16 QAM	1@131	24.69	21.69	0.1476
78	30	60	648668	3730.02	DFT-s-OFDM QPSK	81@40	25.28	22.28	0.1690
78	30	60	648668	3730.02	DFT-s-OFDM QPSK	1@1	25.34	22.34	0.1714
78	30	60	648668	3730.02	DFT-s-OFDM QPSK	1@160	25.33	22.33	0.1710
78	30	60	648668	3730.02	DFT-s-OFDM 16 QAM	81@40	24.28	21.28	0.1343
78	30	60	648668	3730.02	DFT-s-OFDM 16 QAM	1@1	24.37	21.37	0.1371
78	30	60	648668	3730.02	DFT-s-OFDM 16 QAM	1@160	24.34	21.34	0.1361
78	30	60	650000	3750	DFT-s-OFDM QPSK	81@40	25.37	22.37	0.1726
78	30	60	650000	3750	DFT-s-OFDM QPSK	1@1	25.37	22.37	0.1726
78	30	60	650000	3750	DFT-s-OFDM QPSK	1@160	25.4	22.4	0.1738
78	30	60	650000	3750	DFT-s-OFDM 16 QAM	81@40	24.38	21.38	0.1374
78	30	60	650000	3750	DFT-s-OFDM 16 QAM	1@1	24.37	21.37	0.1371
78	30	60	650000	3750	DFT-s-OFDM 16 QAM	1@160	24.42	21.42	0.1387
78	30	60	651332	3769.98	DFT-s-OFDM QPSK	81@40	25.37	22.37	0.1726
78	30	60	651332	3769.98	DFT-s-OFDM QPSK	1@1	25.56	22.56	0.1803
78	30	60	651332	3769.98	DFT-s-OFDM QPSK	1@160	25.56	22.56	0.1803
78	30	60	651332	3769.98	DFT-s-OFDM 16 QAM	81@40	24.37	21.37	0.1371
78	30	60	651332	3769.98	DFT-s-OFDM 16 QAM	1@1	24.53	21.53	0.1422
78	30	60	651332	3769.98	DFT-s-OFDM 16 QAM	1@160	24.61	21.61	0.1449
78	30	70	649000	3735	DFT-s-OFDM QPSK	90@45	25.61	22.61	0.1824
78	30	70	649000	3735	DFT-s-OFDM QPSK	1@1	25.51	22.51	0.1782
78	30	70	649000	3735	DFT-s-OFDM QPSK	1@187	25.4	22.4	0.1738
78	30	70	649000	3735	DFT-s-OFDM 16 QAM	90@45	24.45	21.45	0.1396
78	30	70	649000	3735	DFT-s-OFDM 16 QAM	1@1	24.38	21.38	0.1374
78	30	70	649000	3735	DFT-s-OFDM 16 QAM	1@187	24.28	21.28	0.1343
78	30	70	650000	3750	DFT-s-OFDM QPSK	90@45	25.52	22.52	0.1786
78	30	70	650000	3750	DFT-s-OFDM QPSK	1@1	25.48	22.48	0.1770



NR Band	SCS	BandWidth	Arfcn	Freq(MHz)	Modulation	RB	Conducted Power(dBm)	EIRP(dBm)	EIRP(W)
78	30	70	650000	3750	DFT-s-OFDM QPSK	1@187	25.37	22.37	0.1726
78	30	70	650000	3750	DFT-s-OFDM 16 QAM	90@45	24.43	21.43	0.1390
78	30	70	650000	3750	DFT-s-OFDM 16 QAM	1@1	24.47	21.47	0.1403
78	30	70	650000	3750	DFT-s-OFDM 16 QAM	1@187	24.44	21.44	0.1393
78	30	70	651000	3765	DFT-s-OFDM QPSK	90@45	25.61	22.61	0.1824
78	30	70	651000	3765	DFT-s-OFDM QPSK	1@1	25.6	22.6	0.1820
78	30	70	651000	3765	DFT-s-OFDM QPSK	1@187	25.68	22.68	0.1854
78	30	70	651000	3765	DFT-s-OFDM 16 QAM	90@45	24.42	21.42	0.1387
78	30	70	651000	3765	DFT-s-OFDM 16 QAM	1@1	24.69	21.69	0.1476
78	30	70	651000	3765	DFT-s-OFDM 16 QAM	1@187	24.6	21.6	0.1445
78	30	80	649334	3740.01	DFT-s-OFDM QPSK	108@54	25.6	22.6	0.1820
78	30	80	649334	3740.01	DFT-s-OFDM QPSK	1@1	25.43	22.43	0.1750
78	30	80	649334	3740.01	DFT-s-OFDM QPSK	1@215	25.49	22.49	0.1774
78	30	80	649334	3740.01	DFT-s-OFDM 16 QAM	108@54	24.45	21.45	0.1396
78	30	80	649334	3740.01	DFT-s-OFDM 16 QAM	1@1	24.38	21.38	0.1374
78	30	80	649334	3740.01	DFT-s-OFDM 16 QAM	1@215	24.52	21.52	0.1419
78	30	80	650000	3750	DFT-s-OFDM QPSK	108@54	25.56	22.56	0.1803
78	30	80	650000	3750	DFT-s-OFDM QPSK	1@1	25.56	22.56	0.1803
78	30	80	650000	3750	DFT-s-OFDM QPSK	1@215	25.5	22.5	0.1778
78	30	80	650000	3750	DFT-s-OFDM 16 QAM	108@54	24.44	21.44	0.1393
78	30	80	650000	3750	DFT-s-OFDM 16 QAM	1@1	24.55	21.55	0.1429
78	30	80	650000	3750	DFT-s-OFDM 16 QAM	1@215	24.57	21.57	0.1435
78	30	80	650666	3759.99	DFT-s-OFDM QPSK	108@54	25.57	22.57	0.1807
78	30	80	650666	3759.99	DFT-s-OFDM QPSK	1@1	25.59	22.59	0.1816
78	30	80	650666	3759.99	DFT-s-OFDM QPSK	1@215	25.63	22.63	0.1832
78	30	80	650666	3759.99	DFT-s-OFDM 16 QAM	108@54	24.42	21.42	0.1387
78	30	80	650666	3759.99	DFT-s-OFDM 16 QAM	1@1	24.45	21.45	0.1396
78	30	80	650666	3759.99	DFT-s-OFDM 16 QAM	1@215	24.51	21.51	0.1416
78	30	90	649668	3745.02	DFT-s-OFDM QPSK	120@60	25.54	22.54	0.1795
78	30	90	649668	3745.02	DFT-s-OFDM QPSK	1@1	25.54	22.54	0.1795
78	30	90	649668	3745.02	DFT-s-OFDM QPSK	1@243	25.65	22.65	0.1841
78	30	90	649668	3745.02	DFT-s-OFDM 16 QAM	120@60	24.45	21.45	0.1396
78	30	90	649668	3745.02	DFT-s-OFDM 16 QAM	1@1	24.5	21.5	0.1413
78	30	90	649668	3745.02	DFT-s-OFDM 16 QAM	1@243	24.66	21.66	0.1466
78	30	90	650000	3750	DFT-s-OFDM QPSK	120@60	25.52	22.52	0.1786
78	30	90	650000	3750	DFT-s-OFDM QPSK	1@1	25.48	22.48	0.1770
78	30	90	650000	3750	DFT-s-OFDM QPSK	1@243	25.62	22.62	0.1828
78	30	90	650000	3750	DFT-s-OFDM 16 QAM	120@60	24.43	21.43	0.1390
78	30	90	650000	3750	DFT-s-OFDM 16 QAM	1@1	24.46	21.46	0.1400
78	30	90	650000	3750	DFT-s-OFDM 16 QAM	1@243	24.58	21.58	0.1439



NR Band	SCS	BandWidth	Arfcn	Freq(MHz)	Modulation	RB	Conducted Power(dBm)	EIRP(dBm)	EIRP(W)
78	30	90	650332	3754.98	DFT-s-OFDM QPSK	120@60	25.51	22.51	0.1782
78	30	90	650332	3754.98	DFT-s-OFDM QPSK	1@1	25.47	22.47	0.1766
78	30	90	650332	3754.98	DFT-s-OFDM QPSK	1@243	25.62	22.62	0.1828
78	30	90	650332	3754.98	DFT-s-OFDM 16 QAM	120@60	24.4	21.4	0.1380
78	30	90	650332	3754.98	DFT-s-OFDM 16 QAM	1@1	24.6	21.6	0.1445
78	30	90	650332	3754.98	DFT-s-OFDM 16 QAM	1@243	24.66	21.66	0.1466
78	30	100	650000	3750	DFT-s-OFDM PI/2 BPSK	135@67	25.59	22.59	0.1816
78	30	100	650000	3750	DFT-s-OFDM PI/2 BPSK	1@1	25.75	22.75	0.1884
78	30	100	650000	3750	DFT-s-OFDM PI/2 BPSK	1@271	25.93	22.93	0.1963
78	30	100	650000	3750	DFT-s-OFDM QPSK	135@67	25.46	22.46	0.1762
78	30	100	650000	3750	DFT-s-OFDM QPSK	1@1	25.66	22.66	0.1845
78	30	100	650000	3750	DFT-s-OFDM QPSK	1@271	25.85	22.85	0.1928
78	30	100	650000	3750	DFT-s-OFDM 16 QAM	135@67	24.36	21.36	0.1368
78	30	100	650000	3750	DFT-s-OFDM 16 QAM	1@1	24.52	21.52	0.1419
78	30	100	650000	3750	DFT-s-OFDM 16 QAM	1@271	24.77	21.77	0.1503
78	30	100	650000	3750	DFT-s-OFDM 64 QAM	135@67	22.95	19.95	0.0989
78	30	100	650000	3750	DFT-s-OFDM 64 QAM	1@1	23.06	20.06	0.1014
78	30	100	650000	3750	DFT-s-OFDM 64 QAM	1@271	23.25	20.25	0.1059
78	30	100	650000	3750	DFT-s-OFDM 256 QAM	135@67	20.98	17.98	0.0628
78	30	100	650000	3750	DFT-s-OFDM 256 QAM	1@1	21.05	18.05	0.0638
78	30	100	650000	3750	DFT-s-OFDM 256 QAM	1@271	21.29	18.29	0.0675
78	30	100	650000	3750	CP-OFDM QPSK	137@68	23.76	20.76	0.1191
78	30	100	650000	3750	CP-OFDM QPSK	1@1	24.34	21.34	0.1361
78	30	100	650000	3750	CP-OFDM QPSK	1@271	24.48	21.48	0.1406



Software Version: 23.06.1602

FR1 N77 MIMO-ANT1+ANT2**Transmitter Conducted Output Power And EIRP, ($G_T - L_C$)=-3.0dB**

NR Band	SCS	BandWidth	Arfcn	Freq(MHz)	Modulation	RB	ANT1 Power(dBm)	ANT2 Power(dBm)	Conducted Power(dBm)	EIRP(dBm)	EIRP(W)
77	30	10	647000	3705	DFT-s-OFDM QPSK	12@6	21.63	21.63	24.64	21.64	0.1459
77	30	10	647000	3705	DFT-s-OFDM QPSK	1@1	21.61	21.53	24.58	21.58	0.1439
77	30	10	647000	3705	DFT-s-OFDM QPSK	1@22	21.71	21.55	24.64	21.64	0.1459
77	30	10	647000	3705	DFT-s-OFDM 16 QAM	12@6	20.61	20.47	23.55	20.55	0.1135
77	30	10	647000	3705	DFT-s-OFDM 16 QAM	1@1	20.73	20.57	23.66	20.66	0.1164
77	30	10	647000	3705	DFT-s-OFDM 16 QAM	1@22	20.73	20.62	23.69	20.69	0.1172
77	30	10	656000	3840	DFT-s-OFDM QPSK	12@6	21.68	21.52	24.61	21.61	0.1449
77	30	10	656000	3840	DFT-s-OFDM QPSK	1@1	21.76	21.4	24.59	21.59	0.1442
77	30	10	656000	3840	DFT-s-OFDM QPSK	1@22	21.77	21.53	24.66	21.66	0.1466
77	30	10	656000	3840	DFT-s-OFDM 16 QAM	12@6	20.63	20.4	23.53	20.53	0.1130
77	30	10	656000	3840	DFT-s-OFDM 16 QAM	1@1	20.71	20.43	23.58	20.58	0.1143
77	30	10	656000	3840	DFT-s-OFDM 16 QAM	1@22	20.72	20.45	23.60	20.6	0.1148
77	30	10	665000	3975	DFT-s-OFDM QPSK	12@6	21.65	21.72	24.70	21.7	0.1479
77	30	10	665000	3975	DFT-s-OFDM QPSK	1@1	21.72	21.6	24.67	21.67	0.1469
77	30	10	665000	3975	DFT-s-OFDM QPSK	1@22	21.83	21.72	24.79	21.79	0.1510
77	30	10	665000	3975	DFT-s-OFDM 16 QAM	12@6	20.78	20.6	23.70	20.7	0.1175
77	30	10	665000	3975	DFT-s-OFDM 16 QAM	1@1	20.72	20.65	23.70	20.7	0.1175
77	30	10	665000	3975	DFT-s-OFDM 16 QAM	1@22	20.6	20.64	23.63	20.63	0.1156
77	30	20	647334	3710.01	DFT-s-OFDM QPSK	25@12	21.57	21.56	24.58	21.58	0.1439
77	30	20	647334	3710.01	DFT-s-OFDM QPSK	1@1	21.43	21.45	24.45	21.45	0.1396
77	30	20	647334	3710.01	DFT-s-OFDM QPSK	1@49	21.46	21.44	24.46	21.46	0.1400
77	30	20	647334	3710.01	DFT-s-OFDM 16 QAM	25@12	20.46	20.47	23.48	20.48	0.1117
77	30	20	647334	3710.01	DFT-s-OFDM 16 QAM	1@1	20.47	20.53	23.51	20.51	0.1125
77	30	20	647334	3710.01	DFT-s-OFDM 16 QAM	1@49	20.42	20.41	23.43	20.43	0.1104
77	30	20	656000	3840	DFT-s-OFDM QPSK	25@12	21.77	21.62	24.71	21.71	0.1483
77	30	20	656000	3840	DFT-s-OFDM QPSK	1@1	21.73	21.47	24.61	21.61	0.1449
77	30	20	656000	3840	DFT-s-OFDM QPSK	1@49	21.74	21.52	24.64	21.64	0.1459
77	30	20	656000	3840	DFT-s-OFDM 16 QAM	25@12	20.64	20.48	23.57	20.57	0.1140
77	30	20	656000	3840	DFT-s-OFDM 16 QAM	1@1	20.73	20.43	23.59	20.59	0.1146
77	30	20	656000	3840	DFT-s-OFDM 16 QAM	1@49	20.61	20.41	23.52	20.52	0.1127
77	30	20	664666	3969.99	DFT-s-OFDM QPSK	25@12	21.64	21.57	24.62	21.62	0.1452
77	30	20	664666	3969.99	DFT-s-OFDM QPSK	1@1	21.51	21.44	24.49	21.49	0.1409
77	30	20	664666	3969.99	DFT-s-OFDM QPSK	1@49	21.41	21.41	24.42	21.42	0.1387



NR Band	SCS	BandWidth	Arfcn	Freq(MHz)	Modulation	RB	ANT1 Power(dBm)	ANT2 Power(dBm)	Conducted Power(dBm)	EIRP(dBm)	EIRP(W)
77	30	20	664666	3969.99	DFT-s-OFDM 16 QAM	25@12	20.51	20.38	23.46	20.46	0.1112
77	30	20	664666	3969.99	DFT-s-OFDM 16 QAM	1@1	20.47	20.55	23.52	20.52	0.1127
77	30	20	664666	3969.99	DFT-s-OFDM 16 QAM	1@49	20.38	20.41	23.41	20.41	0.1099
77	30	30	647668	3715.02	DFT-s-OFDM QPSK	36@18	21.84	21.77	24.82	21.82	0.1521
77	30	30	647668	3715.02	DFT-s-OFDM QPSK	1@1	21.72	21.64	24.69	21.69	0.1476
77	30	30	647668	3715.02	DFT-s-OFDM QPSK	1@76	21.85	21.66	24.77	21.77	0.1503
77	30	30	647668	3715.02	DFT-s-OFDM 16 QAM	36@18	20.66	20.52	23.60	20.6	0.1148
77	30	30	647668	3715.02	DFT-s-OFDM 16 QAM	1@1	20.67	20.62	23.66	20.66	0.1164
77	30	30	647668	3715.02	DFT-s-OFDM 16 QAM	1@76	20.67	20.58	23.64	20.64	0.1159
77	30	30	656000	3840	DFT-s-OFDM QPSK	36@18	21.87	21.58	24.74	21.74	0.1493
77	30	30	656000	3840	DFT-s-OFDM QPSK	1@1	21.98	21.54	24.78	21.78	0.1507
77	30	30	656000	3840	DFT-s-OFDM QPSK	1@76	21.82	21.57	24.71	21.71	0.1483
77	30	30	656000	3840	DFT-s-OFDM 16 QAM	36@18	20.84	20.43	23.65	20.65	0.1161
77	30	30	656000	3840	DFT-s-OFDM 16 QAM	1@1	20.93	20.55	23.75	20.75	0.1189
77	30	30	656000	3840	DFT-s-OFDM 16 QAM	1@76	20.74	20.46	23.61	20.61	0.1151
77	30	30	664332	3964.98	DFT-s-OFDM QPSK	36@18	21.74	21.63	24.70	21.7	0.1479
77	30	30	664332	3964.98	DFT-s-OFDM QPSK	1@1	21.67	21.51	24.60	21.6	0.1445
77	30	30	664332	3964.98	DFT-s-OFDM QPSK	1@76	21.62	21.51	24.58	21.58	0.1439
77	30	30	664332	3964.98	DFT-s-OFDM 16 QAM	36@18	20.51	20.46	23.50	20.5	0.1122
77	30	30	664332	3964.98	DFT-s-OFDM 16 QAM	1@1	20.59	20.42	23.52	20.52	0.1127
77	30	30	664332	3964.98	DFT-s-OFDM 16 QAM	1@76	20.46	20.42	23.45	20.45	0.1109
77	30	40	648000	3720	DFT-s-OFDM QPSK	50@25	21.88	21.7	24.80	21.8	0.1514
77	30	40	648000	3720	DFT-s-OFDM QPSK	1@1	21.68	21.65	24.68	21.68	0.1472
77	30	40	648000	3720	DFT-s-OFDM QPSK	1@104	21.7	21.49	24.61	21.61	0.1449
77	30	40	648000	3720	DFT-s-OFDM 16 QAM	50@25	20.59	20.64	23.63	20.63	0.1156
77	30	40	648000	3720	DFT-s-OFDM 16 QAM	1@1	20.69	20.57	23.64	20.64	0.1159
77	30	40	648000	3720	DFT-s-OFDM 16 QAM	1@104	20.67	20.32	23.51	20.51	0.1125
77	30	40	656000	3840	DFT-s-OFDM QPSK	50@25	21.93	21.6	24.78	21.78	0.1507
77	30	40	656000	3840	DFT-s-OFDM QPSK	1@1	21.79	21.48	24.65	21.65	0.1462
77	30	40	656000	3840	DFT-s-OFDM QPSK	1@104	21.63	21.41	24.53	21.53	0.1422
77	30	40	656000	3840	DFT-s-OFDM 16 QAM	50@25	20.69	20.44	23.58	20.58	0.1143
77	30	40	656000	3840	DFT-s-OFDM 16 QAM	1@1	20.72	20.4	23.57	20.57	0.1140
77	30	40	656000	3840	DFT-s-OFDM 16 QAM	1@104	20.43	20.28	23.37	20.37	0.1089
77	30	40	664000	3960	DFT-s-OFDM QPSK	50@25	21.79	21.59	24.70	21.7	0.1479
77	30	40	664000	3960	DFT-s-OFDM QPSK	1@1	21.57	21.47	24.53	21.53	0.1422
77	30	40	664000	3960	DFT-s-OFDM QPSK	1@104	21.5	21.54	24.53	21.53	0.1422
77	30	40	664000	3960	DFT-s-OFDM 16 QAM	50@25	20.69	20.37	23.54	20.54	0.1132
77	30	40	664000	3960	DFT-s-OFDM 16 QAM	1@1	20.39	20.31	23.36	20.36	0.1086



NR Band	SCS	BandWidth	Arfcn	Freq(MHz)	Modulation	RB	ANT1 Power(dBm)	ANT2 Power(dBm)	Conducted Power(dBm)	EIRP(dBm)	EIRP(W)
77	30	40	664000	3960	DFT-s-OFDM 16 QAM	1@104	20.48	20.39	23.45	20.45	0.1109
77	30	50	648334	3725.01	DFT-s-OFDM QPSK	64@32	21.96	21.9	24.94	21.94	0.1563
77	30	50	648334	3725.01	DFT-s-OFDM QPSK	1@1	21.8	21.82	24.82	21.82	0.1521
77	30	50	648334	3725.01	DFT-s-OFDM QPSK	1@131	21.97	21.66	24.83	21.83	0.1524
77	30	50	648334	3725.01	DFT-s-OFDM 16 QAM	64@32	20.85	20.7	23.79	20.79	0.1199
77	30	50	648334	3725.01	DFT-s-OFDM 16 QAM	1@1	20.79	20.7	23.76	20.76	0.1191
77	30	50	648334	3725.01	DFT-s-OFDM 16 QAM	1@131	20.71	20.5	23.62	20.62	0.1153
77	30	50	656000	3840	DFT-s-OFDM QPSK	64@32	22.1	21.79	24.96	21.96	0.1570
77	30	50	656000	3840	DFT-s-OFDM QPSK	1@1	21.9	21.7	24.81	21.81	0.1517
77	30	50	656000	3840	DFT-s-OFDM QPSK	1@131	21.85	21.5	24.69	21.69	0.1476
77	30	50	656000	3840	DFT-s-OFDM 16 QAM	64@32	20.95	20.65	23.81	20.81	0.1205
77	30	50	656000	3840	DFT-s-OFDM 16 QAM	1@1	20.93	20.62	23.79	20.79	0.1199
77	30	50	656000	3840	DFT-s-OFDM 16 QAM	1@131	20.72	20.45	23.60	20.6	0.1148
77	30	50	663666	3954.99	DFT-s-OFDM QPSK	64@32	21.9	21.86	24.89	21.89	0.1545
77	30	50	663666	3954.99	DFT-s-OFDM QPSK	1@1	21.68	21.7	24.70	21.7	0.1479
77	30	50	663666	3954.99	DFT-s-OFDM QPSK	1@131	21.61	21.54	24.59	21.59	0.1442
77	30	50	663666	3954.99	DFT-s-OFDM 16 QAM	64@32	20.72	20.68	23.71	20.71	0.1178
77	30	50	663666	3954.99	DFT-s-OFDM 16 QAM	1@1	20.69	20.45	23.58	20.58	0.1143
77	30	50	663666	3954.99	DFT-s-OFDM 16 QAM	1@131	20.57	20.51	23.55	20.55	0.1135
77	30	60	648668	3730.02	DFT-s-OFDM QPSK	81@40	21.62	21.56	24.60	21.6	0.1445
77	30	60	648668	3730.02	DFT-s-OFDM QPSK	1@1	21.61	21.7	24.67	21.67	0.1469
77	30	60	648668	3730.02	DFT-s-OFDM QPSK	1@160	21.61	21.41	24.52	21.52	0.1419
77	30	60	648668	3730.02	DFT-s-OFDM 16 QAM	81@40	20.58	20.44	23.52	20.52	0.1127
77	30	60	648668	3730.02	DFT-s-OFDM 16 QAM	1@1	20.69	20.49	23.60	20.6	0.1148
77	30	60	648668	3730.02	DFT-s-OFDM 16 QAM	1@160	20.49	20.23	23.37	20.37	0.1089
77	30	60	656000	3840	DFT-s-OFDM QPSK	81@40	21.61	21.41	24.52	21.52	0.1419
77	30	60	656000	3840	DFT-s-OFDM QPSK	1@1	21.78	21.56	24.68	21.68	0.1472
77	30	60	656000	3840	DFT-s-OFDM QPSK	1@160	21.64	21.39	24.53	21.53	0.1422
77	30	60	656000	3840	DFT-s-OFDM 16 QAM	81@40	20.5	20.36	23.44	20.44	0.1107
77	30	60	656000	3840	DFT-s-OFDM 16 QAM	1@1	20.71	20.41	23.57	20.57	0.1140
77	30	60	656000	3840	DFT-s-OFDM 16 QAM	1@160	20.54	20.35	23.46	20.46	0.1112
77	30	60	663332	3949.98	DFT-s-OFDM QPSK	81@40	21.73	21.73	24.74	21.74	0.1493
77	30	60	663332	3949.98	DFT-s-OFDM QPSK	1@1	21.81	21.82	24.83	21.83	0.1524
77	30	60	663332	3949.98	DFT-s-OFDM QPSK	1@160	21.65	21.77	24.72	21.72	0.1486
77	30	60	663332	3949.98	DFT-s-OFDM 16 QAM	81@40	20.6	20.61	23.62	20.62	0.1153
77	30	60	663332	3949.98	DFT-s-OFDM 16 QAM	1@1	20.78	20.73	23.77	20.77	0.1194
77	30	60	663332	3949.98	DFT-s-OFDM 16 QAM	1@160	20.51	20.63	23.58	20.58	0.1143
77	30	70	649000	3735	DFT-s-OFDM QPSK	90@45	21.84	21.65	24.76	21.76	0.1500



NR Band	SCS	BandWidth	Arfcn	Freq(MHz)	Modulation	RB	ANT1 Power(dBm)	ANT2 Power(dBm)	Conducted Power(dBm)	EIRP(dBm)	EIRP(W)
77	30	70	649000	3735	DFT-s-OFDM QPSK	1@1	21.7	21.67	24.70	21.7	0.1479
77	30	70	649000	3735	DFT-s-OFDM QPSK	1@187	21.78	21.53	24.67	21.67	0.1469
77	30	70	649000	3735	DFT-s-OFDM 16 QAM	90@45	20.68	20.52	23.61	20.61	0.1151
77	30	70	649000	3735	DFT-s-OFDM 16 QAM	1@1	20.7	20.66	23.69	20.69	0.1172
77	30	70	649000	3735	DFT-s-OFDM 16 QAM	1@187	20.74	20.28	23.53	20.53	0.1130
77	30	70	656000	3840	DFT-s-OFDM QPSK	90@45	21.87	21.58	24.74	21.74	0.1493
77	30	70	656000	3840	DFT-s-OFDM QPSK	1@1	22	21.69	24.86	21.86	0.1535
77	30	70	656000	3840	DFT-s-OFDM QPSK	1@187	21.68	21.44	24.57	21.57	0.1435
77	30	70	656000	3840	DFT-s-OFDM 16 QAM	90@45	20.83	20.45	23.65	20.65	0.1161
77	30	70	656000	3840	DFT-s-OFDM 16 QAM	1@1	20.97	20.59	23.79	20.79	0.1199
77	30	70	656000	3840	DFT-s-OFDM 16 QAM	1@187	20.73	20.29	23.53	20.53	0.1130
77	30	70	663000	3945	DFT-s-OFDM QPSK	90@45	21.96	21.97	24.98	21.98	0.1578
77	30	70	663000	3945	DFT-s-OFDM QPSK	1@1	21.96	21.95	24.97	21.97	0.1574
77	30	70	663000	3945	DFT-s-OFDM QPSK	1@187	21.9	21.89	24.91	21.91	0.1552
77	30	70	663000	3945	DFT-s-OFDM 16 QAM	90@45	20.82	20.88	23.86	20.86	0.1219
77	30	70	663000	3945	DFT-s-OFDM 16 QAM	1@1	20.84	20.84	23.85	20.85	0.1216
77	30	70	663000	3945	DFT-s-OFDM 16 QAM	1@187	20.79	20.83	23.82	20.82	0.1208
77	30	80	649334	3740.01	DFT-s-OFDM QPSK	108@54	21.79	21.63	24.72	21.72	0.1486
77	30	80	649334	3740.01	DFT-s-OFDM QPSK	1@1	21.7	21.72	24.72	21.72	0.1486
77	30	80	649334	3740.01	DFT-s-OFDM QPSK	1@215	21.76	21.5	24.64	21.64	0.1459
77	30	80	649334	3740.01	DFT-s-OFDM 16 QAM	108@54	20.66	20.44	23.56	20.56	0.1138
77	30	80	649334	3740.01	DFT-s-OFDM 16 QAM	1@1	20.74	20.83	23.80	20.8	0.1202
77	30	80	649334	3740.01	DFT-s-OFDM 16 QAM	1@215	20.76	20.31	23.55	20.55	0.1135
77	30	80	656000	3840	DFT-s-OFDM QPSK	108@54	21.88	21.59	24.75	21.75	0.1496
77	30	80	656000	3840	DFT-s-OFDM QPSK	1@1	21.94	21.69	24.83	21.83	0.1524
77	30	80	656000	3840	DFT-s-OFDM QPSK	1@215	21.72	21.52	24.63	21.63	0.1455
77	30	80	656000	3840	DFT-s-OFDM 16 QAM	108@54	20.75	20.44	23.61	20.61	0.1151
77	30	80	656000	3840	DFT-s-OFDM 16 QAM	1@1	20.91	20.54	23.74	20.74	0.1186
77	30	80	656000	3840	DFT-s-OFDM 16 QAM	1@215	20.64	20.36	23.51	20.51	0.1125
77	30	80	662666	3939.99	DFT-s-OFDM QPSK	108@54	21.95	21.83	24.90	21.9	0.1549
77	30	80	662666	3939.99	DFT-s-OFDM QPSK	1@1	22	21.84	24.93	21.93	0.1560
77	30	80	662666	3939.99	DFT-s-OFDM QPSK	1@215	21.9	21.75	24.84	21.84	0.1528
77	30	80	662666	3939.99	DFT-s-OFDM 16 QAM	108@54	20.75	20.6	23.69	20.69	0.1172
77	30	80	662666	3939.99	DFT-s-OFDM 16 QAM	1@1	20.97	20.81	23.90	20.9	0.1230
77	30	80	662666	3939.99	DFT-s-OFDM 16 QAM	1@215	20.71	20.63	23.68	20.68	0.1169
77	30	90	649668	3745.02	DFT-s-OFDM QPSK	120@60	21.83	21.63	24.74	21.74	0.1493
77	30	90	649668	3745.02	DFT-s-OFDM QPSK	1@1	21.86	21.84	24.86	21.86	0.1535
77	30	90	649668	3745.02	DFT-s-OFDM QPSK	1@243	21.89	21.58	24.75	21.75	0.1496



NR Band	SCS	BandWidth	Arfcn	Freq(MHz)	Modulation	RB	ANT1 Power(dBm)	ANT2 Power(dBm)	Conducted Power(dBm)	EIRP(dBm)	EIRP(W)
77	30	90	649668	3745.02	DFT-s-OFDM 16 QAM	120@60	20.73	20.47	23.61	20.61	0.1151
77	30	90	649668	3745.02	DFT-s-OFDM 16 QAM	1@1	20.88	20.84	23.87	20.87	0.1222
77	30	90	649668	3745.02	DFT-s-OFDM 16 QAM	1@243	20.97	20.46	23.73	20.73	0.1183
77	30	90	656000	3840	DFT-s-OFDM QPSK	120@60	21.88	21.57	24.74	21.74	0.1493
77	30	90	656000	3840	DFT-s-OFDM QPSK	1@1	21.98	21.73	24.87	21.87	0.1538
77	30	90	656000	3840	DFT-s-OFDM QPSK	1@243	21.68	21.45	24.58	21.58	0.1439
77	30	90	656000	3840	DFT-s-OFDM 16 QAM	120@60	20.69	20.44	23.58	20.58	0.1143
77	30	90	656000	3840	DFT-s-OFDM 16 QAM	1@1	20.95	20.57	23.77	20.77	0.1194
77	30	90	656000	3840	DFT-s-OFDM 16 QAM	1@243	20.6	20.33	23.48	20.48	0.1117
77	30	90	662332	3934.98	DFT-s-OFDM QPSK	120@60	21.85	21.79	24.83	21.83	0.1524
77	30	90	662332	3934.98	DFT-s-OFDM QPSK	1@1	21.98	21.94	24.97	21.97	0.1574
77	30	90	662332	3934.98	DFT-s-OFDM QPSK	1@243	21.81	21.73	24.78	21.78	0.1507
77	30	90	662332	3934.98	DFT-s-OFDM 16 QAM	120@60	20.7	20.67	23.70	20.7	0.1175
77	30	90	662332	3934.98	DFT-s-OFDM 16 QAM	1@1	21	20.91	23.97	20.97	0.1250
77	30	90	662332	3934.98	DFT-s-OFDM 16 QAM	1@243	20.69	20.55	23.63	20.63	0.1156
77	30	100	650000	3750	DFT-s-OFDM PI/2 BPSK	135@67	22.34	22.1	25.23	22.23	0.1671
77	30	100	650000	3750	DFT-s-OFDM PI/2 BPSK	1@1	22.45	22.56	25.52	22.52	0.1786
77	30	100	650000	3750	DFT-s-OFDM PI/2 BPSK	1@271	22.6	22.18	25.41	22.41	0.1742
77	30	100	650000	3750	DFT-s-OFDM QPSK	135@67	21.75	21.53	24.65	21.65	0.1462
77	30	100	650000	3750	DFT-s-OFDM QPSK	1@1	21.9	21.95	24.94	21.94	0.1563
77	30	100	650000	3750	DFT-s-OFDM QPSK	1@271	22.11	21.62	24.88	21.88	0.1542
77	30	100	650000	3750	DFT-s-OFDM 16 QAM	135@67	20.7	20.45	23.59	20.59	0.1146
77	30	100	650000	3750	DFT-s-OFDM 16 QAM	1@1	20.82	20.93	23.89	20.89	0.1227
77	30	100	650000	3750	DFT-s-OFDM 16 QAM	1@271	20.97	20.56	23.78	20.78	0.1197
77	30	100	650000	3750	DFT-s-OFDM 64 QAM	135@67	19.15	19.01	22.09	19.09	0.0811
77	30	100	650000	3750	DFT-s-OFDM 64 QAM	1@1	19.19	19.3	22.26	19.26	0.0843
77	30	100	650000	3750	DFT-s-OFDM 64 QAM	1@271	19.46	18.99	22.24	19.24	0.0839
77	30	100	650000	3750	DFT-s-OFDM 256 QAM	135@67	16.78	16.29	19.55	16.55	0.0452
77	30	100	650000	3750	DFT-s-OFDM 256 QAM	1@1	14.53	16.78	18.81	15.81	0.0381
77	30	100	650000	3750	DFT-s-OFDM 256 QAM	1@271	16.88	16.49	19.70	16.7	0.0468
77	30	100	650000	3750	CP-OFDM QPSK	137@68	20.1	19.87	23.00	20	0.1000
77	30	100	650000	3750	CP-OFDM QPSK	1@1	20.57	20.64	23.62	20.62	0.1153
77	30	100	650000	3750	CP-OFDM QPSK	1@271	20.59	20.3	23.46	20.46	0.1112
77	30	100	656000	3840	DFT-s-OFDM PI/2 BPSK	135@67	22.41	22.09	25.26	22.26	0.1683
77	30	100	656000	3840	DFT-s-OFDM PI/2 BPSK	1@1	22.7	22.4	25.56	22.56	0.1803
77	30	100	656000	3840	DFT-s-OFDM PI/2 BPSK	1@271	22.26	22.08	25.18	22.18	0.1652
77	30	100	656000	3840	DFT-s-OFDM QPSK	135@67	21.81	21.51	24.67	21.67	0.1469
77	30	100	656000	3840	DFT-s-OFDM QPSK	1@1	22.16	21.83	25.01	22.01	0.1589



NR Band	SCS	BandWidth	Arfcn	Freq(MHz)	Modulation	RB	ANT1 Power(dBm)	ANT2 Power(dBm)	Conducted Power(dBm)	EIRP(dBm)	EIRP(W)
77	30	100	656000	3840	DFT-s-OFDM QPSK	1@271	21.72	21.5	24.62	21.62	0.1452
77	30	100	656000	3840	DFT-s-OFDM 16 QAM	135@67	20.74	20.45	23.61	20.61	0.1151
77	30	100	656000	3840	DFT-s-OFDM 16 QAM	1@1	21.09	20.78	23.95	20.95	0.1245
77	30	100	656000	3840	DFT-s-OFDM 16 QAM	1@271	20.7	20.46	23.59	20.59	0.1146
77	30	100	656000	3840	DFT-s-OFDM 64 QAM	135@67	19.24	19.02	22.14	19.14	0.0820
77	30	100	656000	3840	DFT-s-OFDM 64 QAM	1@1	19.51	19.16	22.35	19.35	0.0861
77	30	100	656000	3840	DFT-s-OFDM 64 QAM	1@271	19.14	18.93	22.05	19.05	0.0804
77	30	100	656000	3840	DFT-s-OFDM 256 QAM	135@67	19.27	18.97	22.13	19.13	0.0818
77	30	100	656000	3840	DFT-s-OFDM 256 QAM	1@1	16.99	16.56	19.79	16.79	0.0478
77	30	100	656000	3840	DFT-s-OFDM 256 QAM	1@271	16.5	16.25	19.39	16.39	0.0436
77	30	100	656000	3840	CP-OFDM QPSK	137@68	20.19	19.85	23.03	20.03	0.1007
77	30	100	656000	3840	CP-OFDM QPSK	1@1	20.83	20.53	23.69	20.69	0.1172
77	30	100	656000	3840	CP-OFDM QPSK	1@271	20.34	20.16	23.26	20.26	0.1062
77	30	100	662000	3930	DFT-s-OFDM PI/2 BPSK	135@67	22.38	22.35	25.38	22.38	0.1730
77	30	100	662000	3930	DFT-s-OFDM PI/2 BPSK	1@1	22.65	22.64	25.66	22.66	0.1845
77	30	100	662000	3930	DFT-s-OFDM PI/2 BPSK	1@271	22.41	22.42	25.43	22.43	0.1750
77	30	100	662000	3930	DFT-s-OFDM QPSK	135@67	21.8	21.74	24.78	21.78	0.1507
77	30	100	662000	3930	DFT-s-OFDM QPSK	1@1	22.14	22.09	25.13	22.13	0.1633
77	30	100	662000	3930	DFT-s-OFDM QPSK	1@271	21.89	21.86	24.89	21.89	0.1545
77	30	100	662000	3930	DFT-s-OFDM 16 QAM	135@67	20.78	20.68	23.74	20.74	0.1186
77	30	100	662000	3930	DFT-s-OFDM 16 QAM	1@1	21.02	21.09	24.07	21.07	0.1279
77	30	100	662000	3930	DFT-s-OFDM 16 QAM	1@271	20.78	20.74	23.77	20.77	0.1194
77	30	100	662000	3930	DFT-s-OFDM 64 QAM	135@67	19.35	19.19	22.28	19.28	0.0847
77	30	100	662000	3930	DFT-s-OFDM 64 QAM	1@1	19.49	19.4	22.46	19.46	0.0883
77	30	100	662000	3930	DFT-s-OFDM 64 QAM	1@271	19.26	19.18	22.23	19.23	0.0838
77	30	100	662000	3930	DFT-s-OFDM 256 QAM	135@67	16.67	16.61	19.65	16.65	0.0462
77	30	100	662000	3930	DFT-s-OFDM 256 QAM	1@1	16.86	16.84	19.86	16.86	0.0485
77	30	100	662000	3930	DFT-s-OFDM 256 QAM	1@271	16.6	16.61	19.62	16.62	0.0459
77	30	100	662000	3930	CP-OFDM QPSK	137@68	20.11	20.14	23.14	20.14	0.1033
77	30	100	662000	3930	CP-OFDM QPSK	1@1	20.79	20.76	23.79	20.79	0.1199
77	30	100	662000	3930	CP-OFDM QPSK	1@271	20.52	20.4	23.47	20.47	0.1114



FR1 N77 MIMO-ANT1

Frequency Stability

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Deviation (Hz)	Verdict	Environment
77	30	20	656000	3840.0	CP-OFDM QPSK	51@0	14.3	PASS	NV
77	30	20	656000	3840.0	CP-OFDM QPSK	51@0	13.4	PASS	LV
77	30	20	656000	3840.0	CP-OFDM QPSK	51@0	14.5	PASS	HV
77	30	20	656000	3840.0	CP-OFDM QPSK	51@0	19.3	PASS	-30°C
77	30	20	656000	3840.0	CP-OFDM QPSK	51@0	13.8	PASS	-20°C
77	30	20	656000	3840.0	CP-OFDM QPSK	51@0	16.9	PASS	-10°C
77	30	20	656000	3840.0	CP-OFDM QPSK	51@0	14.9	PASS	0°C
77	30	20	656000	3840.0	CP-OFDM QPSK	51@0	15	PASS	10°C
77	30	20	656000	3840.0	CP-OFDM QPSK	51@0	14.3	PASS	20°C
77	30	20	656000	3840.0	CP-OFDM QPSK	51@0	12.1	PASS	30°C
77	30	20	656000	3840.0	CP-OFDM QPSK	51@0	13.2	PASS	40°C
77	30	20	656000	3840.0	CP-OFDM QPSK	51@0	18.8	PASS	50°C

 $|\text{MAX}(\Delta f)| = 19.3 \text{ Hz}$

Frequency Stability	Frequency (MHz)	Limit Line	Result
$f_L - \text{MAX}(\Delta f) $	3700.859181	$\geq 3700 \text{ MHz}$	PASS
$f_H + \text{MAX}(\Delta f) $	3979.100919	$\leq 3980 \text{ MHz}$	

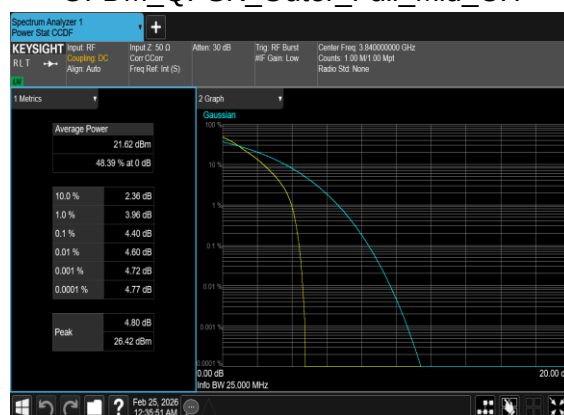
Peak to Average Ratio

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result (dB)	Limit (dB)	Verdict
77	30	20	656000	3840.0	DFT-s-OFDM PI/2 BPSK	50@0	3.7	13	PASS
77	30	20	656000	3840.0	DFT-s-OFDM QPSK	50@0	4.4	13	PASS

N77(20M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_Mid_CH



N77(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)
77	30	10	656000	3840.0	CP-OFDM QPSK	24@0	8.5771	9.539
77	30	10	656000	3840.0	CP-OFDM 16 QAM	24@0	8.5746	9.609
77	30	10	656000	3840.0	CP-OFDM 64 QAM	24@0	8.5736	9.297
77	30	10	656000	3840.0	CP-OFDM 256 QAM	24@0	8.5745	9.414
77	30	20	656000	3840.0	CP-OFDM QPSK	51@0	18.225	19.49
77	30	20	656000	3840.0	CP-OFDM 16 QAM	51@0	18.238	19.39
77	30	20	656000	3840.0	CP-OFDM 64 QAM	51@0	18.199	19.26
77	30	20	656000	3840.0	CP-OFDM 256 QAM	51@0	18.2	19.21
77	30	30	656000	3840.0	CP-OFDM QPSK	78@0	27.852	29.24
77	30	30	656000	3840.0	CP-OFDM 16 QAM	78@0	27.911	29.23
77	30	30	656000	3840.0	CP-OFDM 64 QAM	78@0	27.951	30.09
77	30	30	656000	3840.0	CP-OFDM 256 QAM	78@0	27.724	29.29
77	30	40	656000	3840.0	CP-OFDM QPSK	106@0	37.871	39.54
77	30	40	656000	3840.0	CP-OFDM 16 QAM	106@0	37.863	39.79
77	30	40	656000	3840.0	CP-OFDM 64 QAM	106@0	37.97	39.64
77	30	40	656000	3840.0	CP-OFDM 256 QAM	106@0	37.858	39.17
77	30	50	656000	3840.0	CP-OFDM QPSK	133@0	47.451	49.25
77	30	50	656000	3840.0	CP-OFDM 16 QAM	133@0	47.463	49.65
77	30	50	656000	3840.0	CP-OFDM 64 QAM	133@0	47.493	49.3
77	30	50	656000	3840.0	CP-OFDM 256 QAM	133@0	47.503	49.69
77	30	60	656000	3840.0	CP-OFDM QPSK	162@0	57.793	59.92
77	30	60	656000	3840.0	CP-OFDM 16 QAM	162@0	57.815	59.76



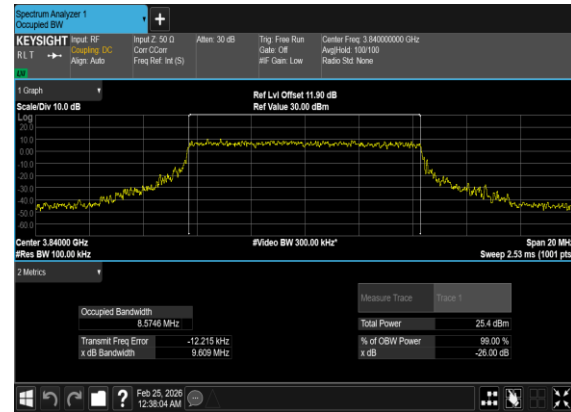
77	30	60	656000	3840.0	CP-OFDM 64 QAM	162@0	57.95	59.74
77	30	60	656000	3840.0	CP-OFDM 256 QAM	162@0	57.745	60.0
77	30	70	656000	3840.0	CP-OFDM QPSK	189@0	67.408	69.79
77	30	70	656000	3840.0	CP-OFDM 16 QAM	189@0	67.598	70.18
77	30	70	656000	3840.0	CP-OFDM 64 QAM	189@0	67.487	69.7
77	30	70	656000	3840.0	CP-OFDM 256 QAM	189@0	67.348	70.03
77	30	80	656000	3840.0	CP-OFDM QPSK	217@0	77.546	79.94
77	30	80	656000	3840.0	CP-OFDM 16 QAM	217@0	77.538	80.1
77	30	80	656000	3840.0	CP-OFDM 64 QAM	217@0	77.484	79.97
77	30	80	656000	3840.0	CP-OFDM 256 QAM	217@0	77.52	80.2
77	30	90	656000	3840.0	CP-OFDM QPSK	245@0	87.424	90.26
77	30	90	656000	3840.0	CP-OFDM 16 QAM	245@0	87.326	90.3
77	30	90	656000	3840.0	CP-OFDM 64 QAM	245@0	87.51	90.36
77	30	90	656000	3840.0	CP-OFDM 256 QAM	245@0	87.466	90.25
77	30	100	656000	3840.0	CP-OFDM QPSK	273@0	97.547	100.5
77	30	100	656000	3840.0	CP-OFDM 16 QAM	273@0	97.362	100.5
77	30	100	656000	3840.0	CP-OFDM 64 QAM	273@0	97.479	100.4
77	30	100	656000	3840.0	CP-OFDM 256 QAM	273@0	97.681	100.5



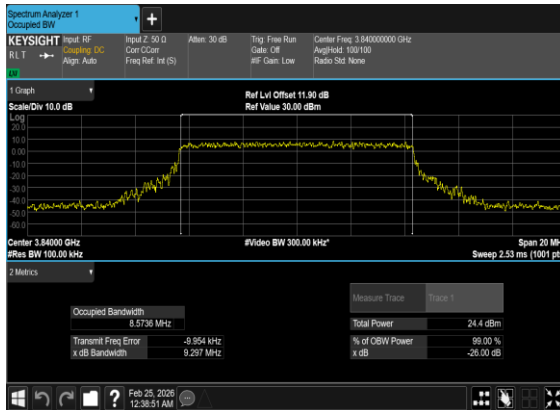
N77(10M)_CP-
OFDM_QPSK_Outer_Full_Mid_CH



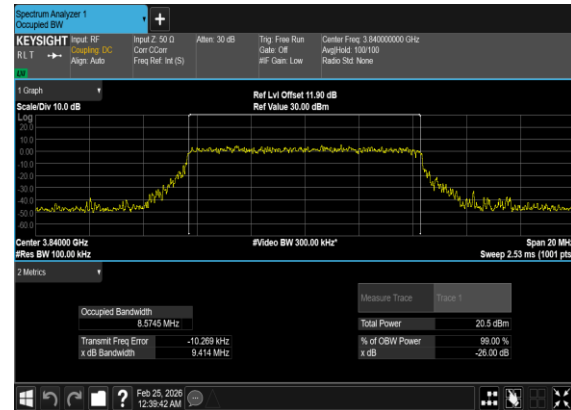
N77(10M)_CP-OFDM_16
QAM_Outer_Full_Mid_CH



N77(10M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH



N77(10M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH

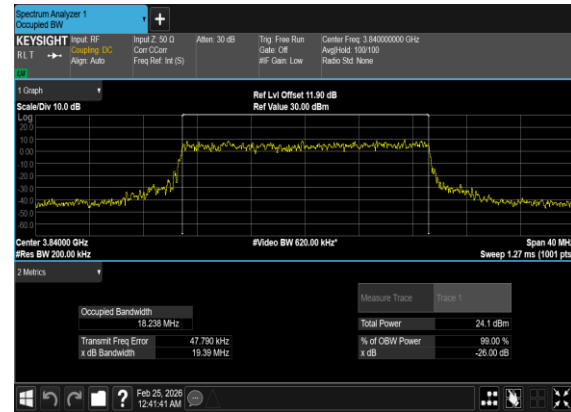




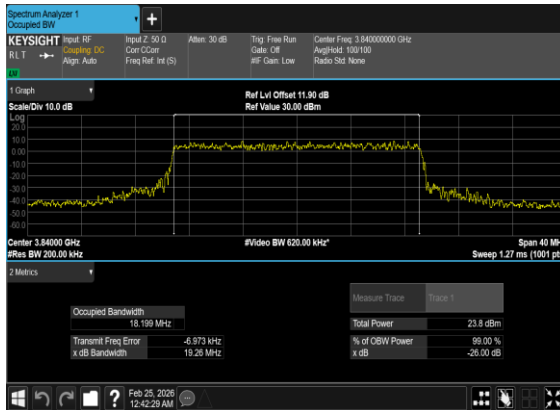
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OFDM_QPSK_Outer_Full_Mid_CH



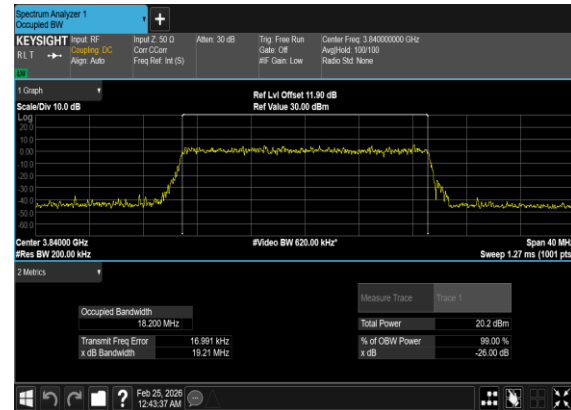
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QAM_Outer_Full_Mid_CH



N77(20M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH



N77(20M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH

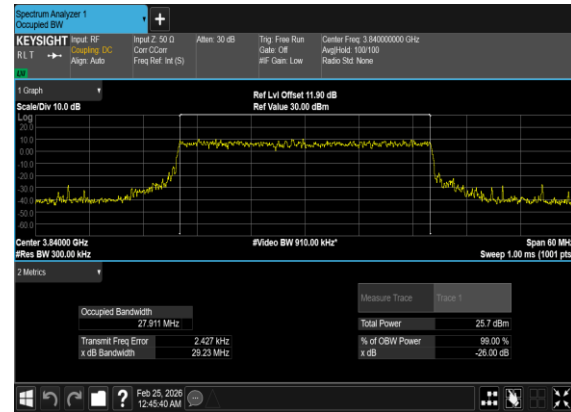




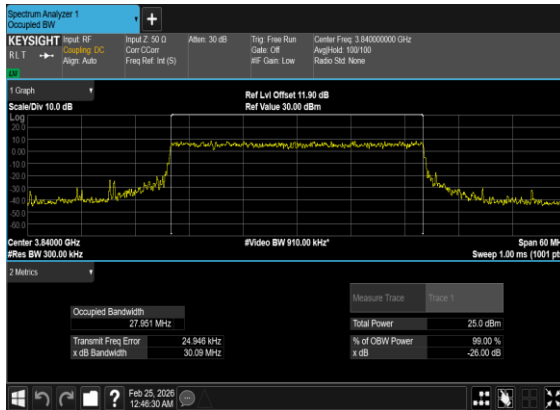
N77(30M)_CP-
OFDM_QPSK_Outer_Full_Mid_CH



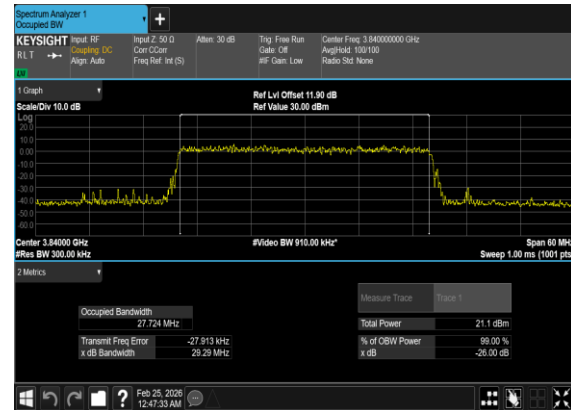
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QAM_Outer_Full_Mid_CH



N77(30M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH

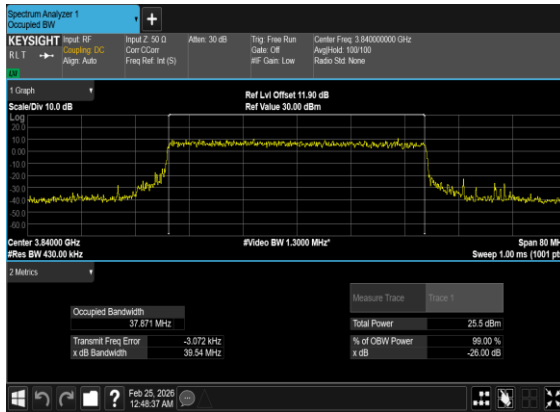


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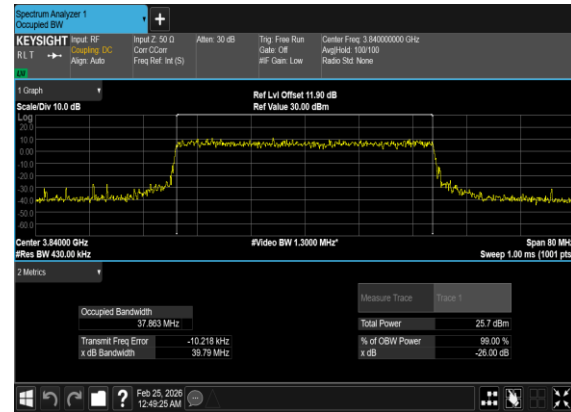




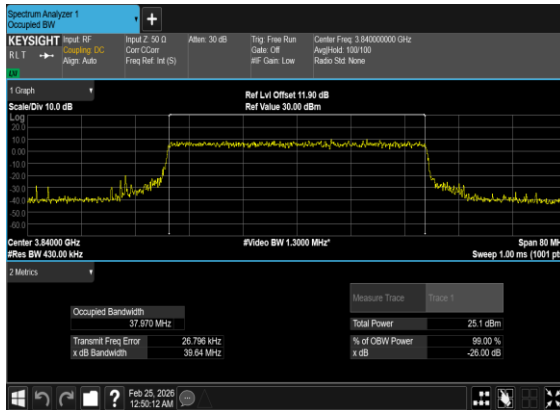
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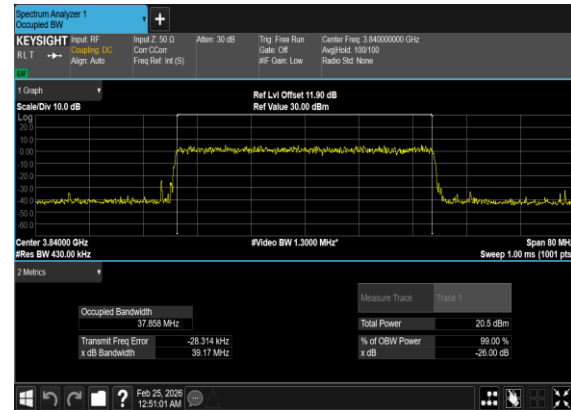
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QAM_Outer_Full_Mid_CH



N77(40M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH

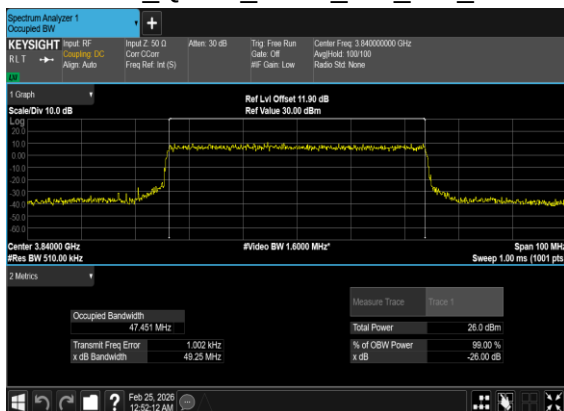


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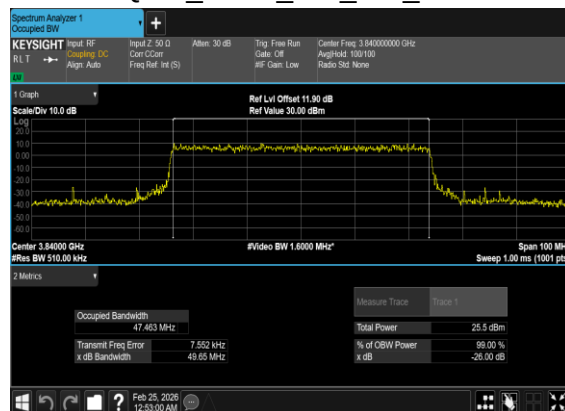




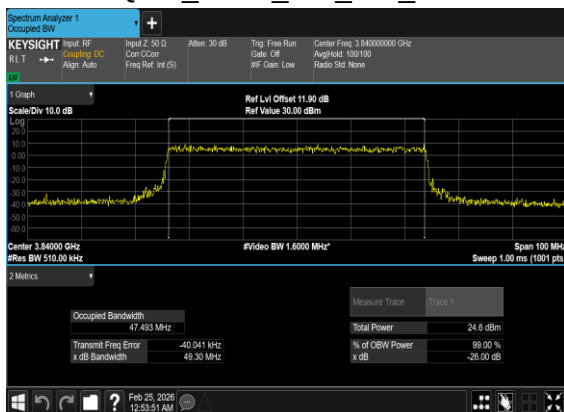
N77(50M)_CP-
OFDM_QPSK_Outer_Full_Mid_CH



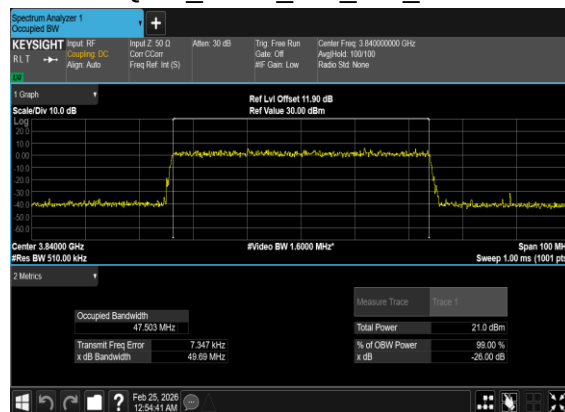
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QAM_Outer_Full_Mid_CH



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QAM_Outer_Full_Mid_CH

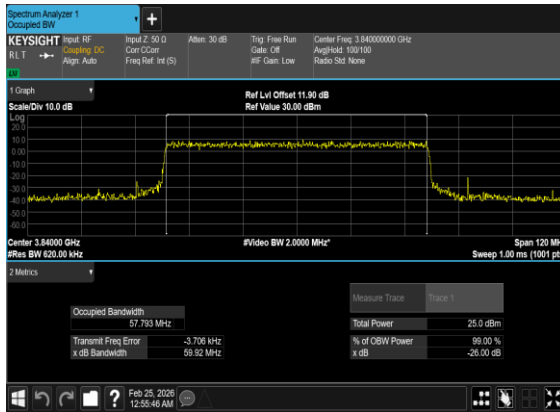


N77(50M)_CP-OFDM_256
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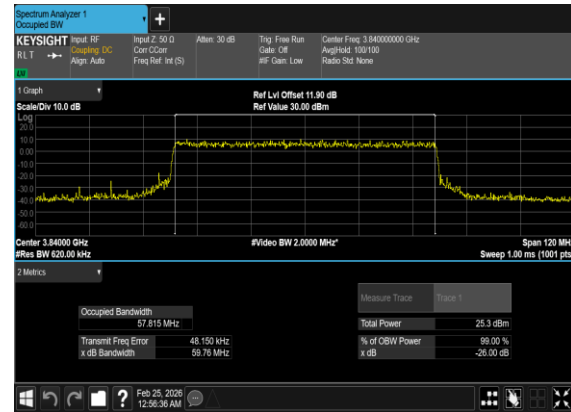




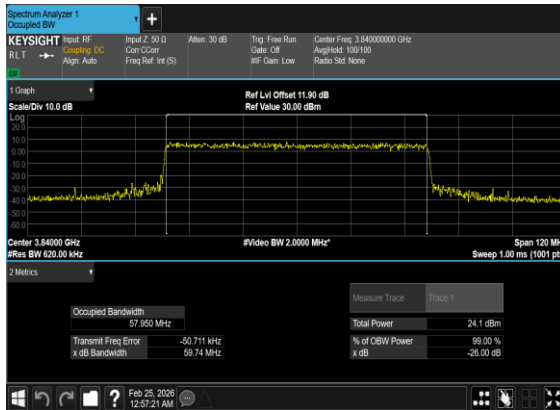
N77(60M)_CP-
OFDM_QPSK_Outer_Full_Mid_CH



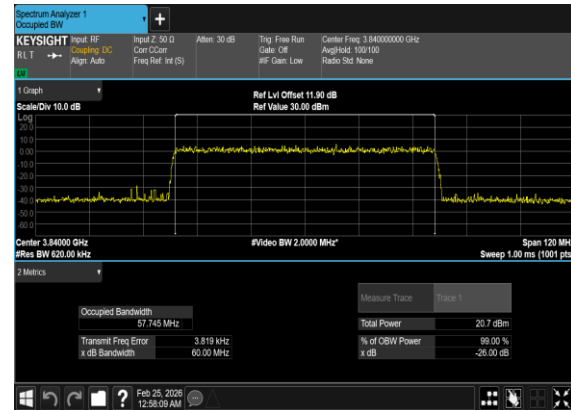
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QAM_Outer_Full_Mid_CH



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QAM_Outer_Full_Mid_CH

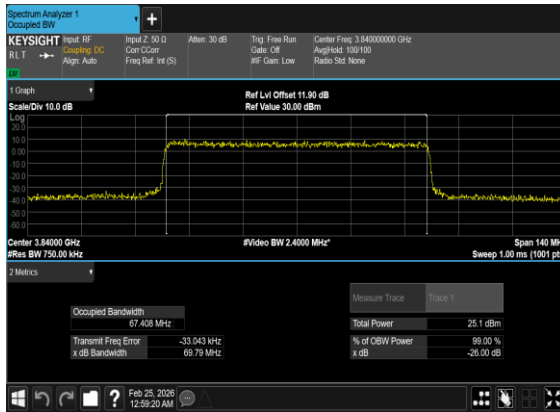


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QAM_Outer_Full_Mid_CH

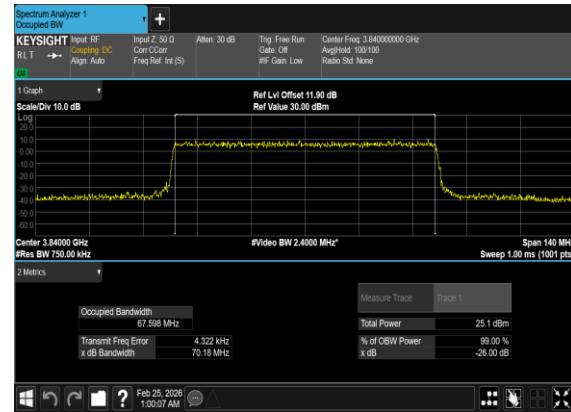




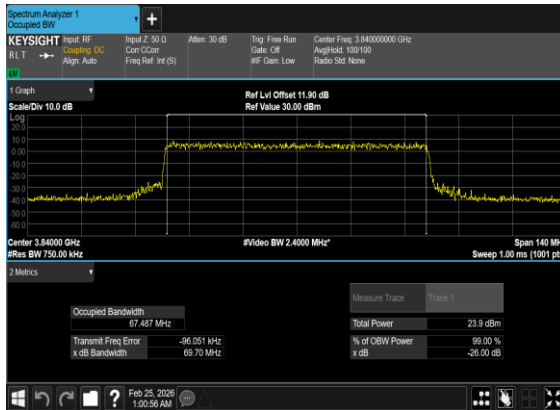
N77(70M)_CP-
OFDM_QPSK_Outer_Full_Mid_CH



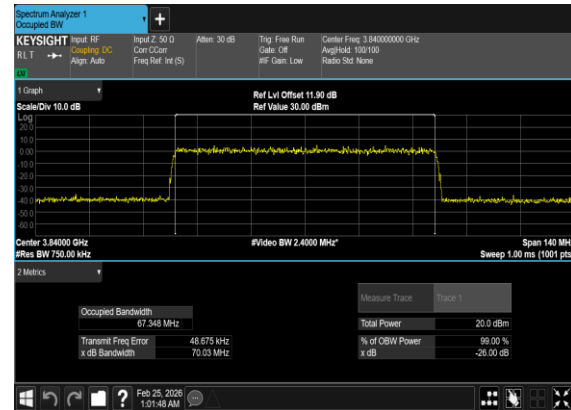
N77(70M)_CP-OFDM_16
QAM_Outer_Full_Mid_CH



N77(70M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH

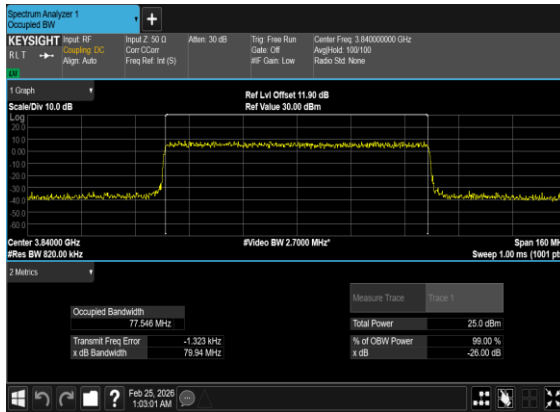


N77(70M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH

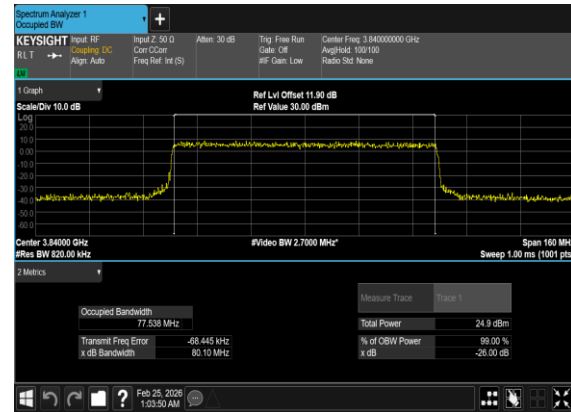




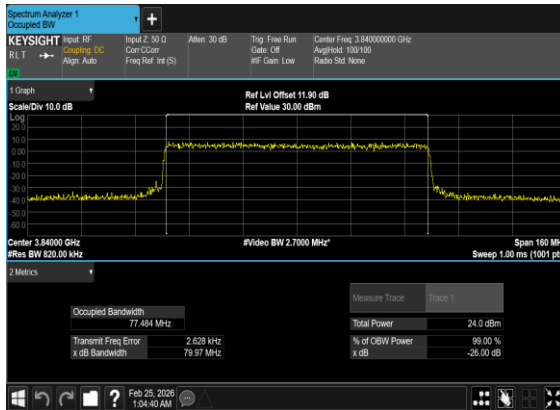
N77(80M)_CP-
OFDM_QPSK_Outer_Full_Mid_CH



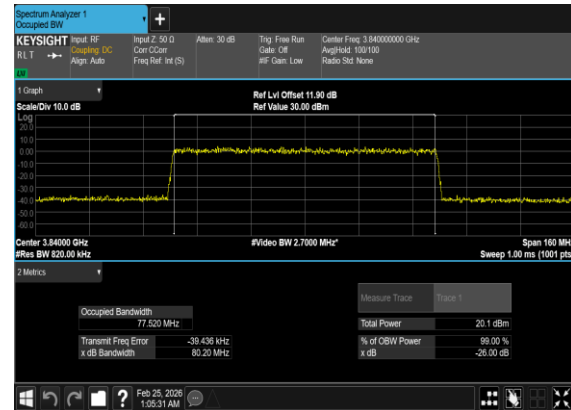
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QAM_Outer_Full_Mid_CH



N77(80M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH

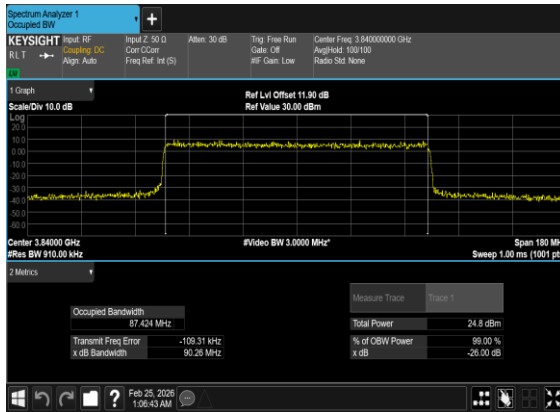


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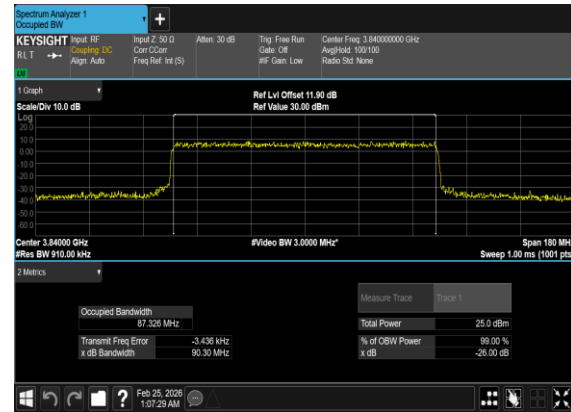




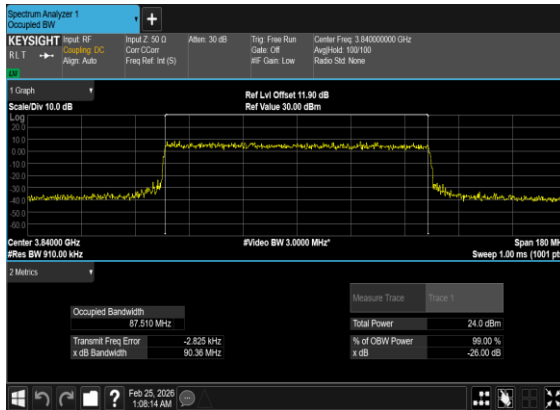
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OFDM_QPSK_Outer_Full_Mid_CH



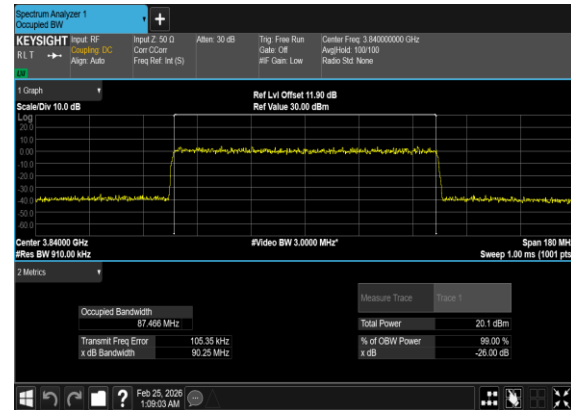
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QAM_Outer_Full_Mid_CH



N77(90M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH

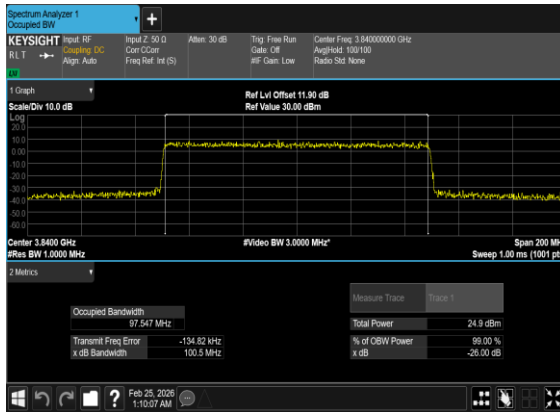


N77(90M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH

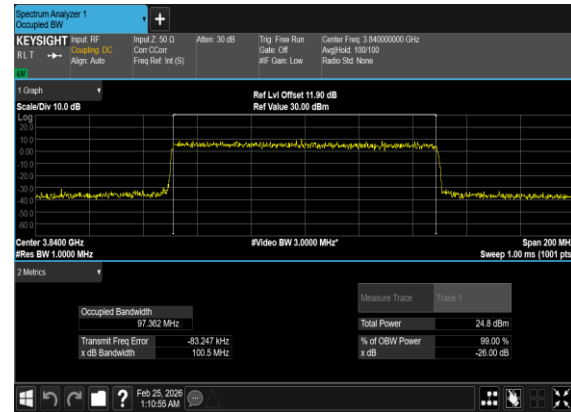




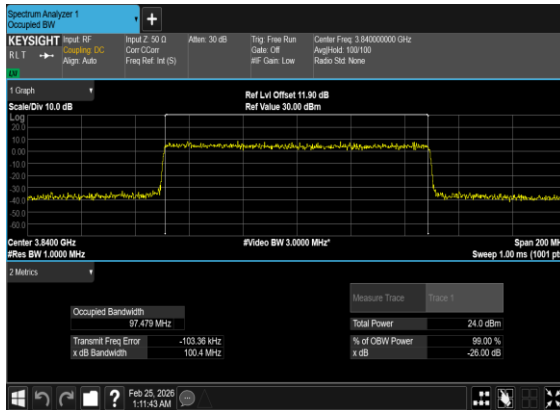
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OFDM_QPSK_Outer_Full_Mid_CH



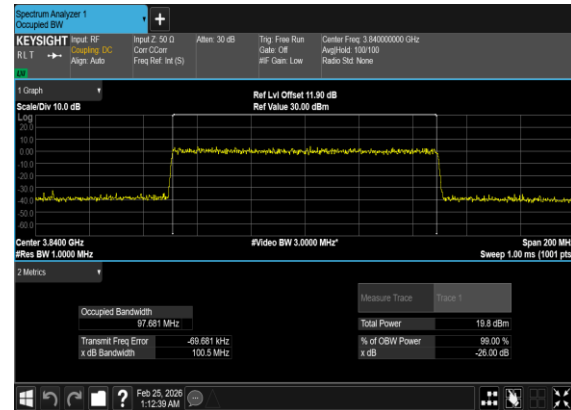
N77(100M)_CP-OFDM_16
QAM_Outer_Full_Mid_CH



N77(100M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH



N77(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
77	30	10	647000	3705.0	DFT-s-OFDM BPSK	1@0	see graph	---
77	30	10	647000	3705.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	10	647000	3705.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	10	647000	3705.0	DFT-s-OFDM QPSK	1@0	see graph	---
77	30	10	647000	3705.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	30	10	647000	3705.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	30	10	656000	3840.0	DFT-s-OFDM BPSK	1@0	see graph	---
77	30	10	656000	3840.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	10	656000	3840.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	10	656000	3840.0	DFT-s-OFDM QPSK	1@0	see graph	---
77	30	10	656000	3840.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	30	10	656000	3840.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	30	10	665000	3975.0	DFT-s-OFDM BPSK	1@0	see graph	---
77	30	10	665000	3975.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	10	665000	3975.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	10	665000	3975.0	DFT-s-OFDM QPSK	1@0	see graph	---
77	30	10	665000	3975.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	30	10	665000	3975.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	30	50	648334	3725.01	DFT-s-OFDM BPSK	1@0	see graph	---
77	30	50	648334	3725.01	DFT-s-OFDM BPSK	1@0	see graph	PASS



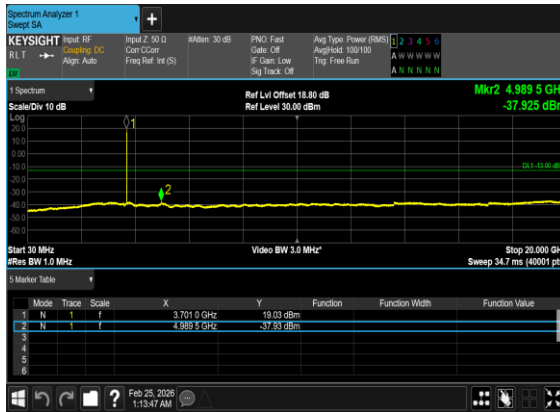
77	30	50	648334	3725.01	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	50	648334	3725.01	DFT-s-OFDM QPSK	1@0	see graph	---
77	30	50	648334	3725.01	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	30	50	648334	3725.01	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	30	50	656000	3840.0	DFT-s-OFDM BPSK	1@0	see graph	---
77	30	50	656000	3840.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	50	656000	3840.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	50	656000	3840.0	DFT-s-OFDM QPSK	1@0	see graph	---
77	30	50	656000	3840.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	30	50	656000	3840.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	30	50	663666	3954.99	DFT-s-OFDM BPSK	1@0	see graph	---
77	30	50	663666	3954.99	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	50	663666	3954.99	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	50	663666	3954.99	DFT-s-OFDM QPSK	1@0	see graph	---
77	30	50	663666	3954.99	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	30	50	663666	3954.99	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	30	100	650000	3750.0	DFT-s-OFDM BPSK	1@0	see graph	---
77	30	100	650000	3750.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	100	650000	3750.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	100	650000	3750.0	DFT-s-OFDM QPSK	1@0	see graph	---
77	30	100	650000	3750.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	30	100	650000	3750.0	DFT-s-OFDM QPSK	1@0	see graph	PASS



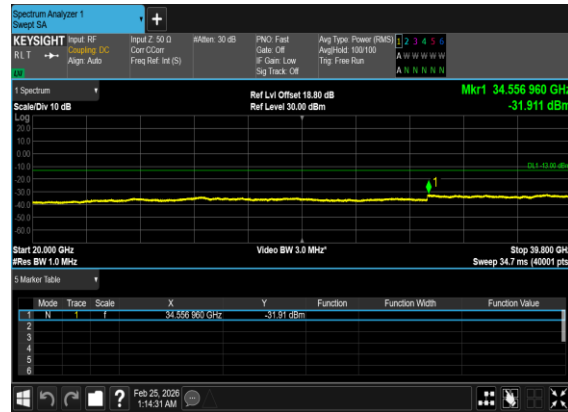
77	30	100	656000	3840.0	DFT-s-OFDM BPSK	1@0	see graph	---
77	30	100	656000	3840.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	100	656000	3840.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	100	656000	3840.0	DFT-s-OFDM QPSK	1@0	see graph	---
77	30	100	656000	3840.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	30	100	656000	3840.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	30	100	662000	3930.0	DFT-s-OFDM BPSK	1@0	see graph	---
77	30	100	662000	3930.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	100	662000	3930.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	100	662000	3930.0	DFT-s-OFDM QPSK	1@0	see graph	---
77	30	100	662000	3930.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	30	100	662000	3930.0	DFT-s-OFDM QPSK	1@0	see graph	PASS



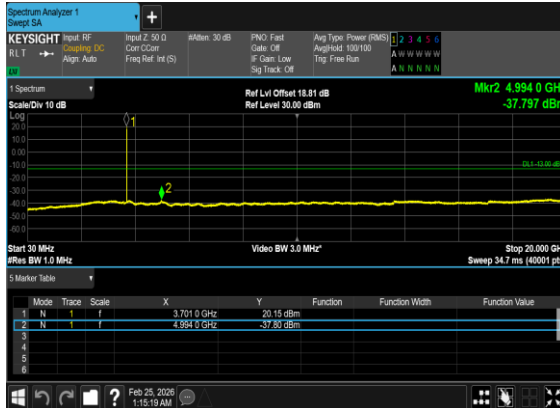
N77(10M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



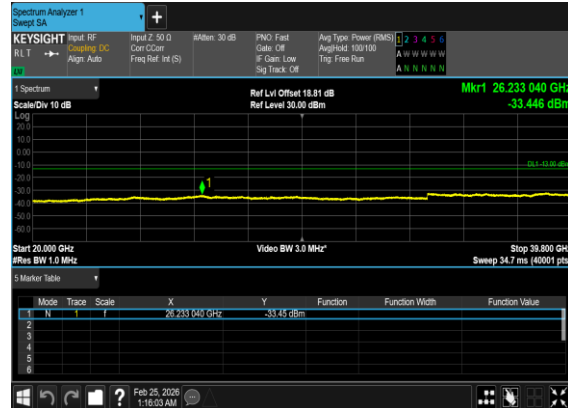
N77(10M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



N77(10M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH



N77(10M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH

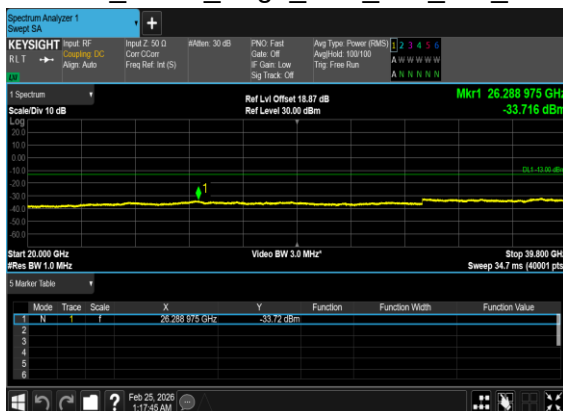




N77(10M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Mid_CH



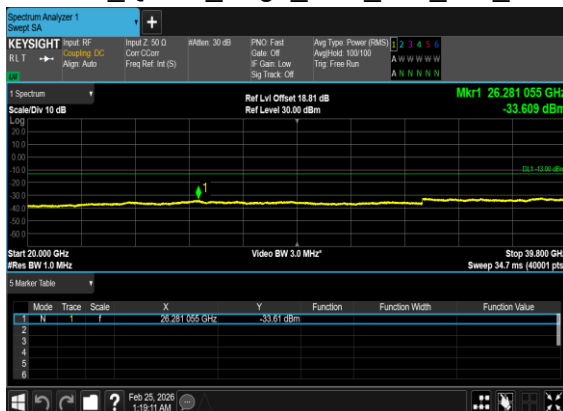
N77(10M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Mid_CH



N77(10M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Mid_CH

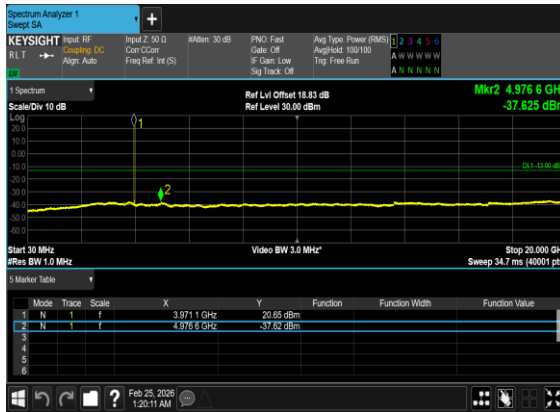


N77(10M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Mid_CH

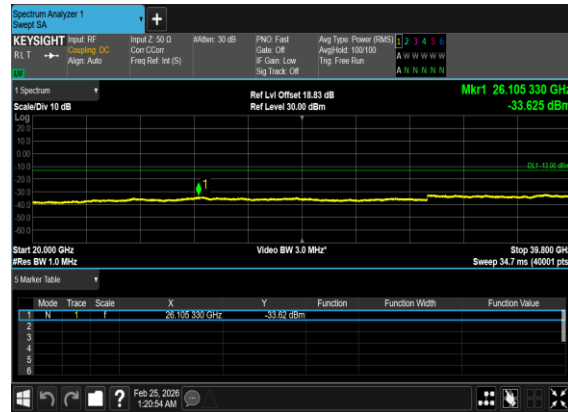




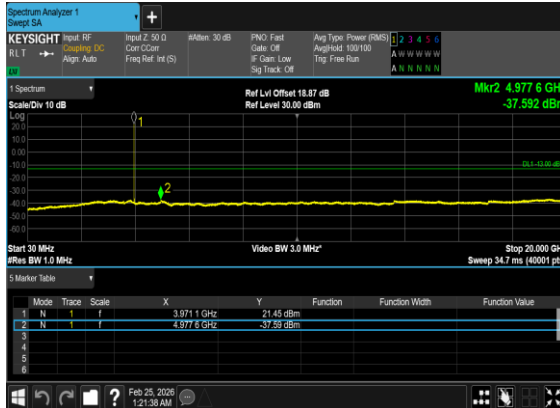
N77(10M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_High_CH



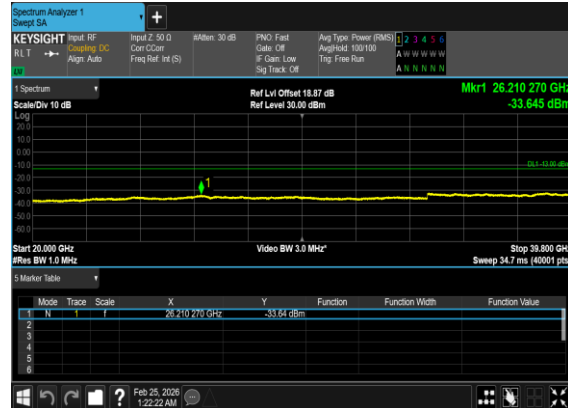
N77(10M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_High_CH



N77(10M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_High_CH

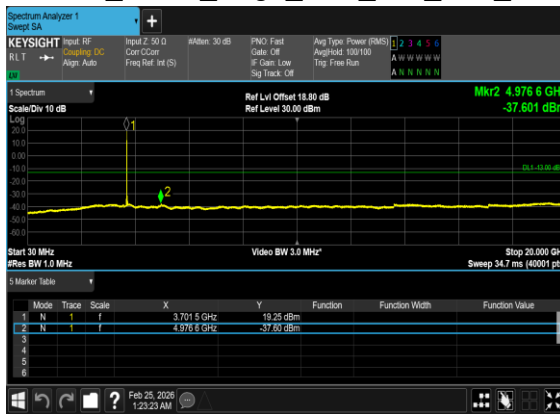


N77(10M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_High_CH

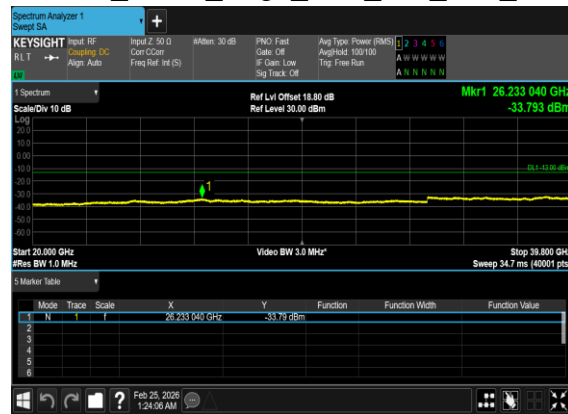




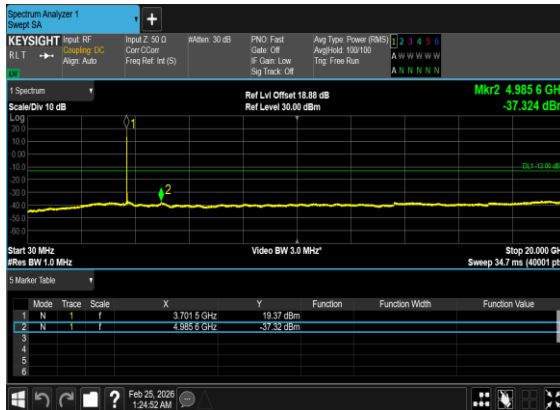
N77(50M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



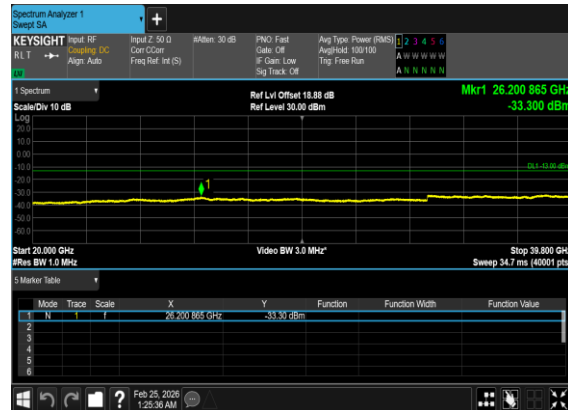
N77(50M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



N77(50M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH

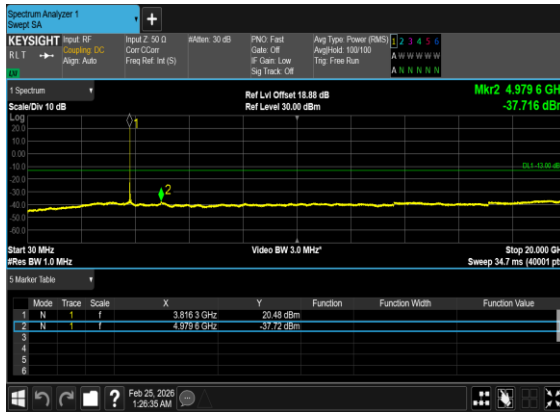


N77(50M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH

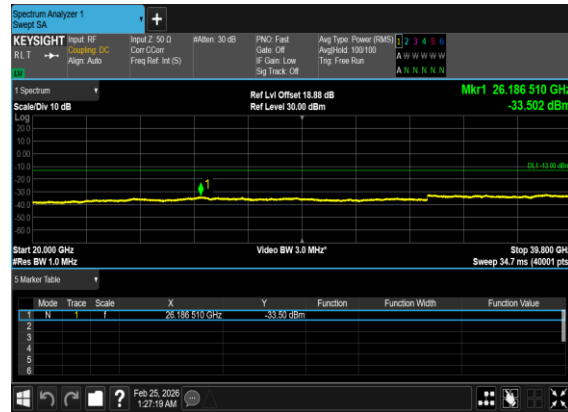




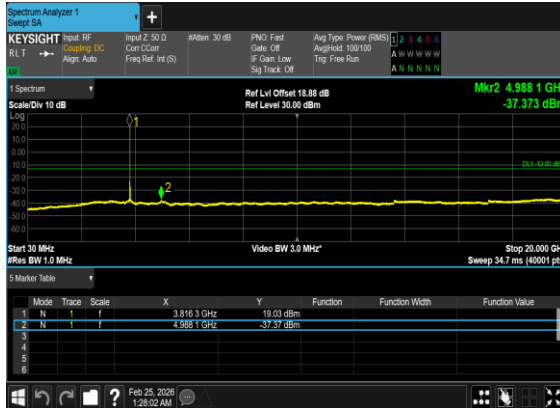
N77(50M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Mid_CH



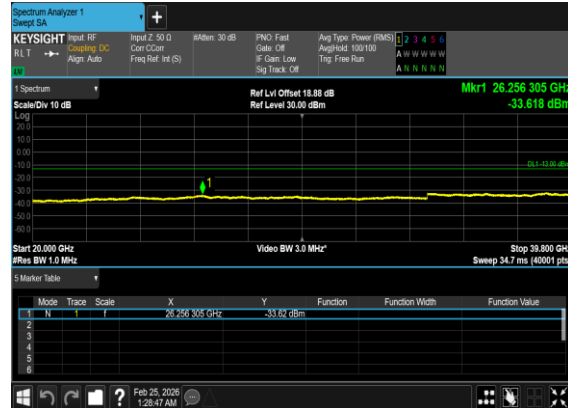
N77(50M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Mid_CH



N77(50M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Mid_CH

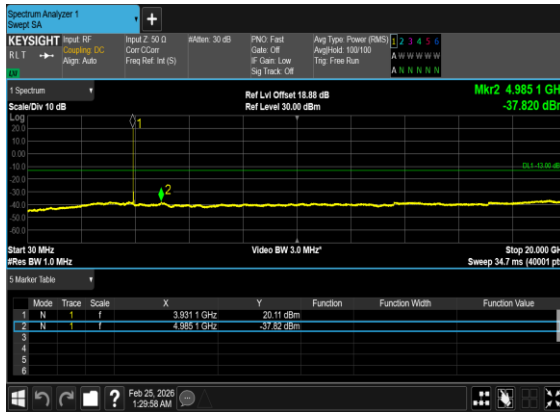


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OFDM_QPSK_Edge_1RB_Left_Mid_CH

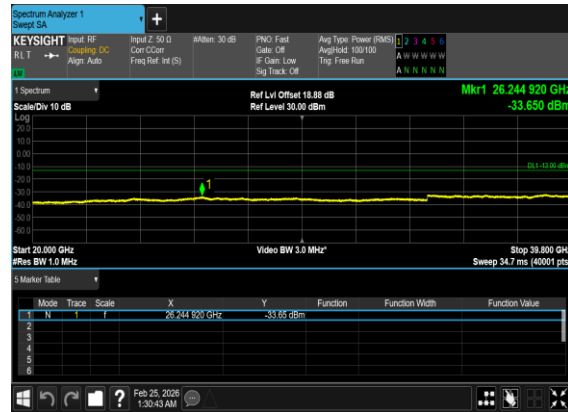




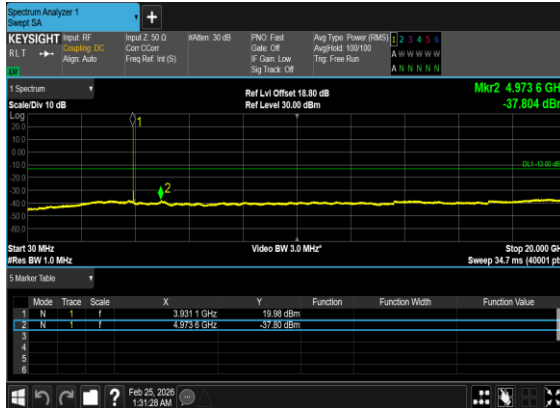
N77(50M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_High_CH



N77(50M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_High_CH



N77(50M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_High_CH



N77(50M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_High_CH

