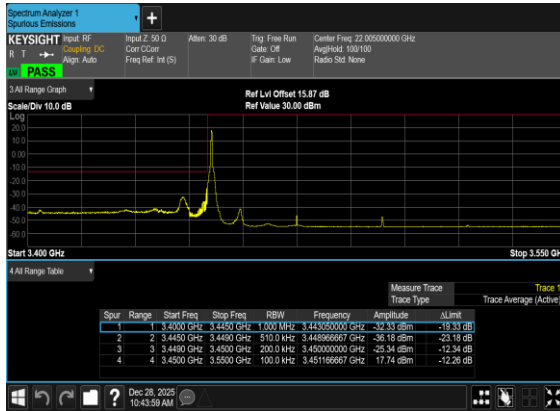
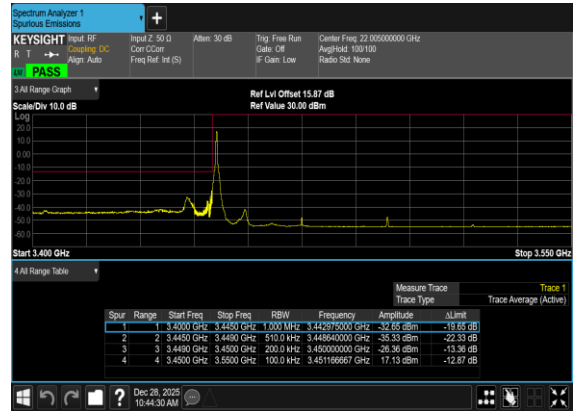




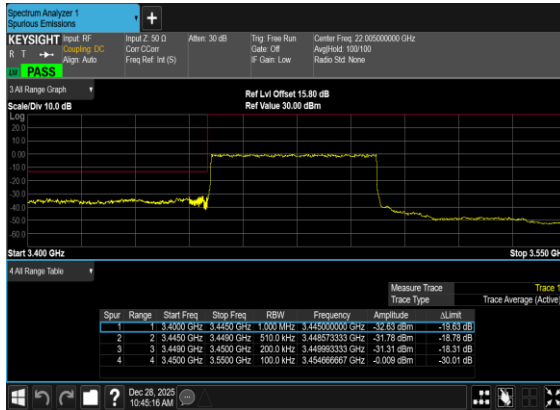
N77(50M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



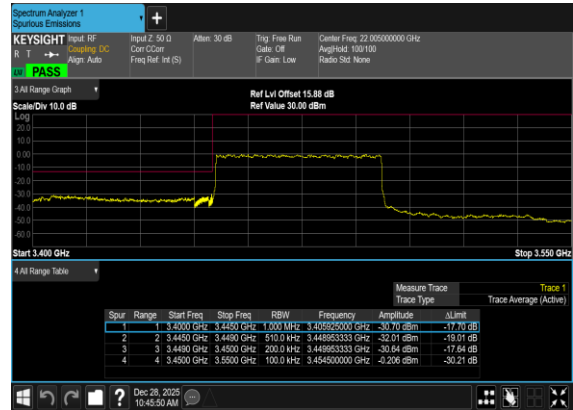
N77(50M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH



N77(50M)_DFT-s-
OFDM_BPSK_Outer_Full_Low_CH

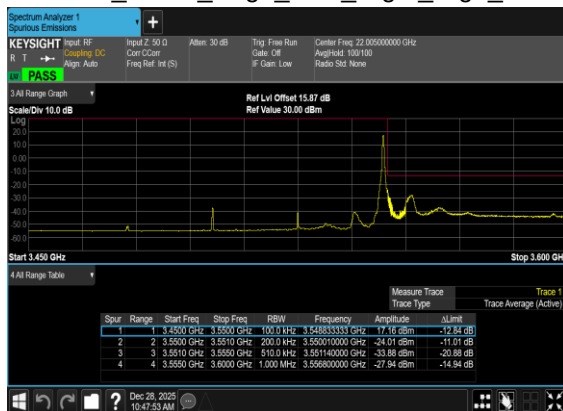


N77(50M)_DFT-s-
OFDM_QPSK_Outer_Full_Low_CH

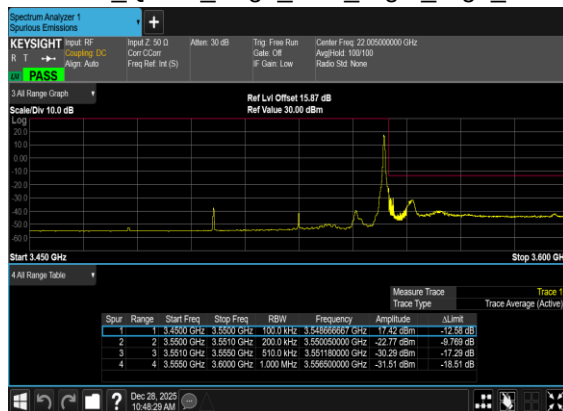




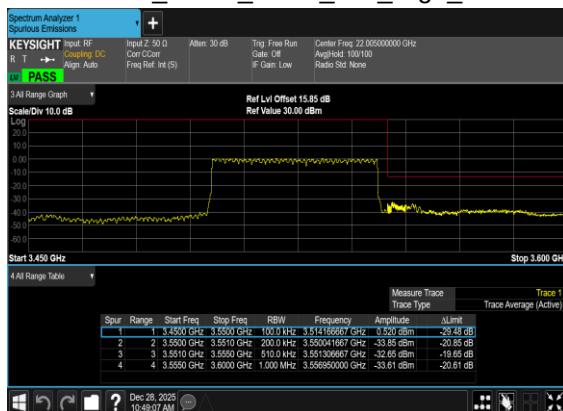
N77(50M)_DFT-s-
OFDM_BPSK_Edge_1RB_Right_High_CH



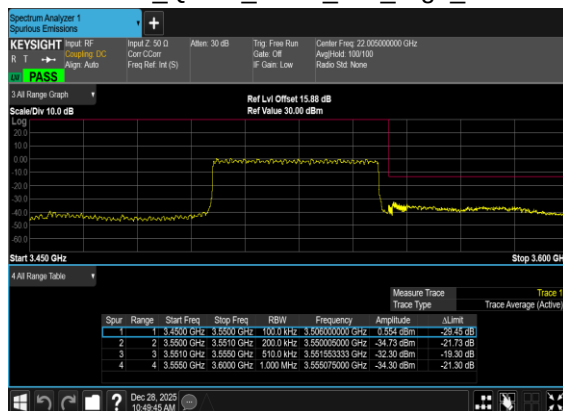
N77(50M)_DFT-s-
OFDM_QPSK_Edge_1RB_Right_High_CH



N77(50M)_DFT-s-
OFDM_BPSK_Outer_Full_High_CH

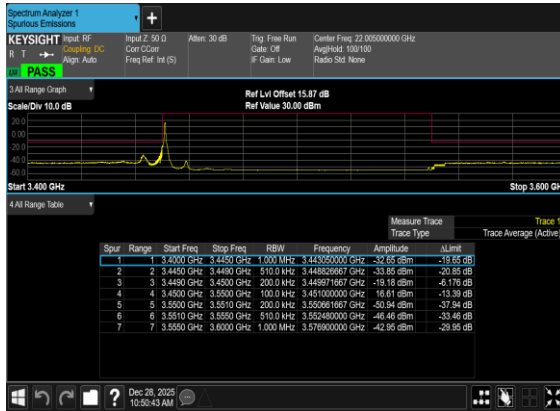


N77(50M)_DFT-s-
OFDM_QPSK_Outer_Full_High_CH

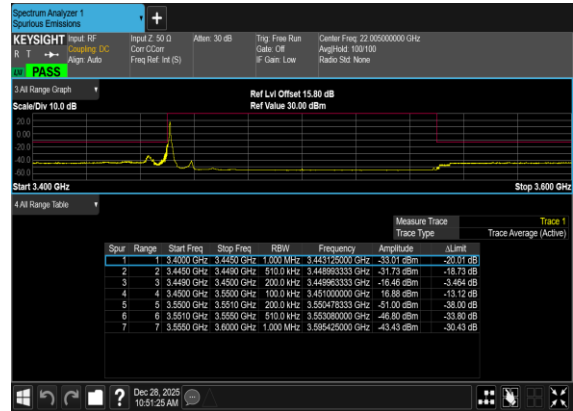




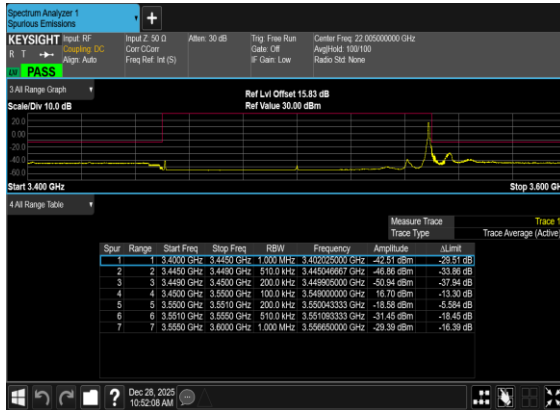
N77(100M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Mid_CH



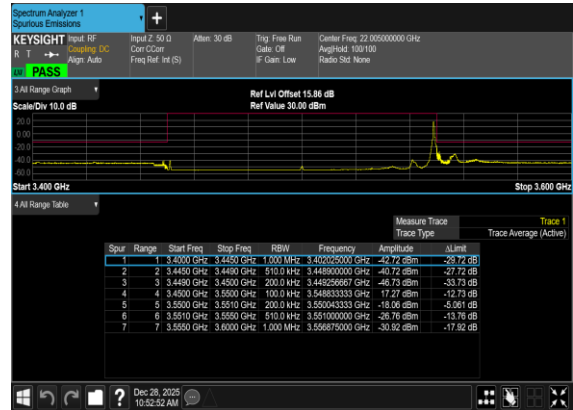
N77(100M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Mid_CH



N77(100M)_DFT-s-
OFDM_BPSK_Edge_1RB_Right_Mid_CH

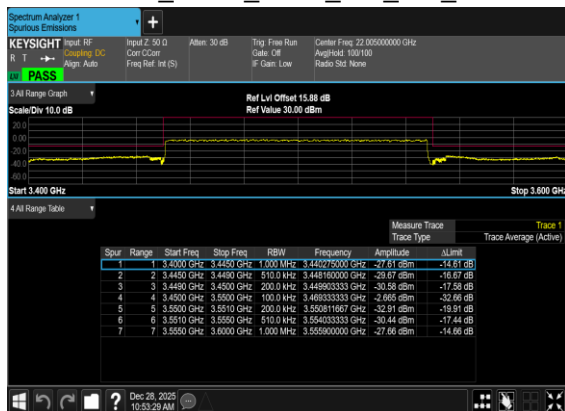


N77(100M)_DFT-s-
OFDM_QPSK_Edge_1RB_Right_Mid_CH

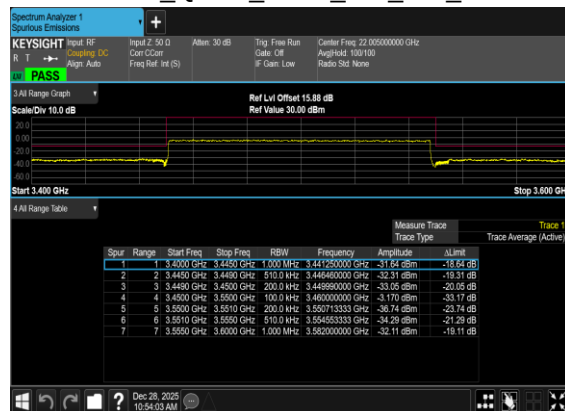




N77(100M)_DFT-s-
OFDM_BPSK_Outer_Full_Mid_CH



N77(100M)_DFT-s-
OFDM_QPSK_Outer_Full_Mid_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	630334	3455.01	DFT-s-OFDM QPSK	12@6	25.27	22.27	0.1687
78	30	10	630334	3455.01	DFT-s-OFDM QPSK	1@1	25.34	22.34	0.1714
78	30	10	630334	3455.01	DFT-s-OFDM QPSK	1@22	25.35	22.35	0.1718
78	30	10	630334	3455.01	DFT-s-OFDM 16 QAM	12@6	24.22	21.22	0.1324
78	30	10	630334	3455.01	DFT-s-OFDM 16 QAM	1@1	24.31	21.31	0.1352
78	30	10	630334	3455.01	DFT-s-OFDM 16 QAM	1@22	24.37	21.37	0.1371
78	30	10	633334	3500.01	DFT-s-OFDM QPSK	12@6	25.28	22.28	0.1690
78	30	10	633334	3500.01	DFT-s-OFDM QPSK	1@1	25.38	22.38	0.1730
78	30	10	633334	3500.01	DFT-s-OFDM QPSK	1@22	25.23	22.23	0.1671
78	30	10	633334	3500.01	DFT-s-OFDM 16 QAM	12@6	24.27	21.27	0.1340
78	30	10	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	24.47	21.47	0.1403
78	30	10	633334	3500.01	DFT-s-OFDM 16 QAM	1@22	24.26	21.26	0.1337
78	30	10	636332	3544.98	DFT-s-OFDM QPSK	12@6	25.31	22.31	0.1702
78	30	10	636332	3544.98	DFT-s-OFDM QPSK	1@1	25.38	22.38	0.1730
78	30	10	636332	3544.98	DFT-s-OFDM QPSK	1@22	25.27	22.27	0.1687
78	30	10	636332	3544.98	DFT-s-OFDM 16 QAM	12@6	24.42	21.42	0.1387
78	30	10	636332	3544.98	DFT-s-OFDM 16 QAM	1@1	24.38	21.38	0.1374
78	30	10	636332	3544.98	DFT-s-OFDM 16 QAM	1@22	24.32	21.32	0.1355
78	30	20	630668	3460.02	DFT-s-OFDM QPSK	25@12	25.37	22.37	0.1726
78	30	20	630668	3460.02	DFT-s-OFDM QPSK	1@1	25.34	22.34	0.1714
78	30	20	630668	3460.02	DFT-s-OFDM QPSK	1@49	25.32	22.32	0.1706
78	30	20	630668	3460.02	DFT-s-OFDM 16 QAM	25@12	24.24	21.24	0.1330
78	30	20	630668	3460.02	DFT-s-OFDM 16 QAM	1@1	24.26	21.26	0.1337
78	30	20	630668	3460.02	DFT-s-OFDM 16 QAM	1@49	24.35	21.35	0.1365
78	30	20	633334	3500.01	DFT-s-OFDM QPSK	25@12	25.43	22.43	0.1750
78	30	20	633334	3500.01	DFT-s-OFDM QPSK	1@1	25.36	22.36	0.1722
78	30	20	633334	3500.01	DFT-s-OFDM QPSK	1@49	25.24	22.24	0.1675
78	30	20	633334	3500.01	DFT-s-OFDM 16 QAM	25@12	24.24	21.24	0.1330
78	30	20	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	24.32	21.32	0.1355
78	30	20	633334	3500.01	DFT-s-OFDM 16 QAM	1@49	24.11	21.11	0.1291
78	30	20	636000	3540	DFT-s-OFDM QPSK	25@12	25.46	22.46	0.1762
78	30	20	636000	3540	DFT-s-OFDM QPSK	1@1	25.4	22.4	0.1738
78	30	20	636000	3540	DFT-s-OFDM QPSK	1@49	25.31	22.31	0.1702
78	30	20	636000	3540	DFT-s-OFDM 16 QAM	25@12	24.36	21.36	0.1368
78	30	20	636000	3540	DFT-s-OFDM 16 QAM	1@1	24.47	21.47	0.1403
78	30	20	636000	3540	DFT-s-OFDM 16 QAM	1@49	24.32	21.32	0.1355



NR Band	SCS	BandWidth	Arfcn	Freq(MHz)	Modulation	RB	Conducted Power(dBm)	EIRP(dBm)	EIRP(W)
78	30	30	631000	3465	DFT-s-OFDM QPSK	36@18	25.49	22.49	0.1774
78	30	30	631000	3465	DFT-s-OFDM QPSK	1@1	25.44	22.44	0.1754
78	30	30	631000	3465	DFT-s-OFDM QPSK	1@76	25.38	22.38	0.1730
78	30	30	631000	3465	DFT-s-OFDM 16 QAM	36@18	24.37	21.37	0.1371
78	30	30	631000	3465	DFT-s-OFDM 16 QAM	1@1	24.55	21.55	0.1429
78	30	30	631000	3465	DFT-s-OFDM 16 QAM	1@76	24.34	21.34	0.1361
78	30	30	633334	3500.01	DFT-s-OFDM QPSK	36@18	25.47	22.47	0.1766
78	30	30	633334	3500.01	DFT-s-OFDM QPSK	1@1	25.44	22.44	0.1754
78	30	30	633334	3500.01	DFT-s-OFDM QPSK	1@76	25.24	22.24	0.1675
78	30	30	633334	3500.01	DFT-s-OFDM 16 QAM	36@18	24.4	21.4	0.1380
78	30	30	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	24.61	21.61	0.1449
78	30	30	633334	3500.01	DFT-s-OFDM 16 QAM	1@76	24.42	21.42	0.1387
78	30	30	635666	3534.99	DFT-s-OFDM QPSK	36@18	25.49	22.49	0.1774
78	30	30	635666	3534.99	DFT-s-OFDM QPSK	1@1	25.51	22.51	0.1782
78	30	30	635666	3534.99	DFT-s-OFDM QPSK	1@76	25.39	22.39	0.1734
78	30	30	635666	3534.99	DFT-s-OFDM 16 QAM	36@18	24.42	21.42	0.1387
78	30	30	635666	3534.99	DFT-s-OFDM 16 QAM	1@1	24.49	21.49	0.1409
78	30	30	635666	3534.99	DFT-s-OFDM 16 QAM	1@76	24.39	21.39	0.1377
78	30	40	631334	3470.01	DFT-s-OFDM QPSK	50@25	25.52	22.52	0.1786
78	30	40	631334	3470.01	DFT-s-OFDM QPSK	1@1	25.35	22.35	0.1718
78	30	40	631334	3470.01	DFT-s-OFDM QPSK	1@104	25.2	22.2	0.1660
78	30	40	631334	3470.01	DFT-s-OFDM 16 QAM	50@25	24.38	21.38	0.1374
78	30	40	631334	3470.01	DFT-s-OFDM 16 QAM	1@1	24.35	21.35	0.1365
78	30	40	631334	3470.01	DFT-s-OFDM 16 QAM	1@104	24.13	21.13	0.1297
78	30	40	633334	3500.01	DFT-s-OFDM QPSK	50@25	24.52	21.52	0.1419
78	30	40	633334	3500.01	DFT-s-OFDM QPSK	1@1	25.4	22.4	0.1738
78	30	40	633334	3500.01	DFT-s-OFDM QPSK	1@104	25.22	22.22	0.1667
78	30	40	633334	3500.01	DFT-s-OFDM 16 QAM	50@25	24.33	21.33	0.1358
78	30	40	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	24.49	21.49	0.1409
78	30	40	633334	3500.01	DFT-s-OFDM 16 QAM	1@104	24.27	21.27	0.1340
78	30	40	635332	3529.98	DFT-s-OFDM QPSK	50@25	25.59	22.59	0.1816
78	30	40	635332	3529.98	DFT-s-OFDM QPSK	1@1	25.51	22.51	0.1782
78	30	40	635332	3529.98	DFT-s-OFDM QPSK	1@104	25.27	22.27	0.1687
78	30	40	635332	3529.98	DFT-s-OFDM 16 QAM	50@25	24.46	21.46	0.1400
78	30	40	635332	3529.98	DFT-s-OFDM 16 QAM	1@1	24.57	21.57	0.1435
78	30	40	635332	3529.98	DFT-s-OFDM 16 QAM	1@104	24.3	21.3	0.1349
78	30	50	631668	3475.02	DFT-s-OFDM QPSK	64@32	25.65	22.65	0.1841
78	30	50	631668	3475.02	DFT-s-OFDM QPSK	1@1	25.46	22.46	0.1762
78	30	50	631668	3475.02	DFT-s-OFDM QPSK	1@131	25.34	22.34	0.1714
78	30	50	631668	3475.02	DFT-s-OFDM 16 QAM	64@32	24.5	21.5	0.1413



NR Band	SCS	BandWidth	Arfcn	Freq(MHz)	Modulation	RB	Conducted Power(dBm)	EIRP(dBm)	EIRP(W)
78	30	50	631668	3475.02	DFT-s-OFDM 16 QAM	1@1	24.49	21.49	0.1409
78	30	50	631668	3475.02	DFT-s-OFDM 16 QAM	1@131	24.37	21.37	0.1371
78	30	50	633334	3500.01	DFT-s-OFDM QPSK	64@32	25.64	22.64	0.1837
78	30	50	633334	3500.01	DFT-s-OFDM QPSK	1@1	25.58	22.58	0.1811
78	30	50	633334	3500.01	DFT-s-OFDM QPSK	1@131	25.4	22.4	0.1738
78	30	50	633334	3500.01	DFT-s-OFDM 16 QAM	64@32	24.49	21.49	0.1409
78	30	50	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	24.54	21.54	0.1426
78	30	50	633334	3500.01	DFT-s-OFDM 16 QAM	1@131	24.2	21.2	0.1318
78	30	50	635000	3525	DFT-s-OFDM QPSK	64@32	25.65	22.65	0.1841
78	30	50	635000	3525	DFT-s-OFDM QPSK	1@1	25.67	22.67	0.1849
78	30	50	635000	3525	DFT-s-OFDM QPSK	1@131	25.46	22.46	0.1762
78	30	50	635000	3525	DFT-s-OFDM 16 QAM	64@32	24.6	21.6	0.1445
78	30	50	635000	3525	DFT-s-OFDM 16 QAM	1@1	24.59	21.59	0.1442
78	30	50	635000	3525	DFT-s-OFDM 16 QAM	1@131	24.6	21.6	0.1445
78	30	60	632000	3480	DFT-s-OFDM QPSK	81@40	25.33	22.33	0.1710
78	30	60	632000	3480	DFT-s-OFDM QPSK	1@1	25.33	22.33	0.1710
78	30	60	632000	3480	DFT-s-OFDM QPSK	1@160	25.19	22.19	0.1656
78	30	60	632000	3480	DFT-s-OFDM 16 QAM	81@40	24.35	21.35	0.1365
78	30	60	632000	3480	DFT-s-OFDM 16 QAM	1@1	24.37	21.37	0.1371
78	30	60	632000	3480	DFT-s-OFDM 16 QAM	1@160	24.12	21.12	0.1294
78	30	60	633334	3500.01	DFT-s-OFDM QPSK	81@40	25.22	22.22	0.1667
78	30	60	633334	3500.01	DFT-s-OFDM QPSK	1@1	25.48	22.48	0.1770
78	30	60	633334	3500.01	DFT-s-OFDM QPSK	1@160	25.21	22.21	0.1663
78	30	60	633334	3500.01	DFT-s-OFDM 16 QAM	81@40	24.19	21.19	0.1315
78	30	60	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	24.37	21.37	0.1371
78	30	60	633334	3500.01	DFT-s-OFDM 16 QAM	1@160	24.3	21.3	0.1349
78	30	60	634666	3519.99	DFT-s-OFDM QPSK	81@40	25.24	22.24	0.1675
78	30	60	634666	3519.99	DFT-s-OFDM QPSK	1@1	25.43	22.43	0.1750
78	30	60	634666	3519.99	DFT-s-OFDM QPSK	1@160	25.33	22.33	0.1710
78	30	60	634666	3519.99	DFT-s-OFDM 16 QAM	81@40	24.21	21.21	0.1321
78	30	60	634666	3519.99	DFT-s-OFDM 16 QAM	1@1	24.48	21.48	0.1406
78	30	60	634666	3519.99	DFT-s-OFDM 16 QAM	1@160	24.18	21.18	0.1312
78	30	70	632334	3485.01	DFT-s-OFDM QPSK	90@45	25.55	22.55	0.1799
78	30	70	632334	3485.01	DFT-s-OFDM QPSK	1@1	25.49	22.49	0.1774
78	30	70	632334	3485.01	DFT-s-OFDM QPSK	1@187	25.26	22.26	0.1683
78	30	70	632334	3485.01	DFT-s-OFDM 16 QAM	90@45	24.31	21.31	0.1352
78	30	70	632334	3485.01	DFT-s-OFDM 16 QAM	1@1	24.41	21.41	0.1384
78	30	70	632334	3485.01	DFT-s-OFDM 16 QAM	1@187	24.21	21.21	0.1321
78	30	70	633334	3500.01	DFT-s-OFDM QPSK	90@45	25.5	22.5	0.1778
78	30	70	633334	3500.01	DFT-s-OFDM QPSK	1@1	25.56	22.56	0.1803



NR Band	SCS	BandWidth	Arfcn	Freq(MHz)	Modulation	RB	Conducted Power(dBm)	EIRP(dBm)	EIRP(W)
78	30	70	633334	3500.01	DFT-s-OFDM QPSK	1@187	25.21	22.21	0.1663
78	30	70	633334	3500.01	DFT-s-OFDM 16 QAM	90@45	24.31	21.31	0.1352
78	30	70	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	24.52	21.52	0.1419
78	30	70	633334	3500.01	DFT-s-OFDM 16 QAM	1@187	24.28	21.28	0.1343
78	30	70	634332	3514.98	DFT-s-OFDM QPSK	90@45	25.5	22.5	0.1778
78	30	70	634332	3514.98	DFT-s-OFDM QPSK	1@1	25.56	22.56	0.1803
78	30	70	634332	3514.98	DFT-s-OFDM QPSK	1@187	25.24	22.24	0.1675
78	30	70	634332	3514.98	DFT-s-OFDM 16 QAM	90@45	24.35	21.35	0.1365
78	30	70	634332	3514.98	DFT-s-OFDM 16 QAM	1@1	24.62	21.62	0.1452
78	30	70	634332	3514.98	DFT-s-OFDM 16 QAM	1@187	24.27	21.27	0.1340
78	30	80	632668	3490.02	DFT-s-OFDM QPSK	108@54	25.53	22.53	0.1791
78	30	80	632668	3490.02	DFT-s-OFDM QPSK	1@1	25.46	22.46	0.1762
78	30	80	632668	3490.02	DFT-s-OFDM QPSK	1@215	25.32	22.32	0.1706
78	30	80	632668	3490.02	DFT-s-OFDM 16 QAM	108@54	24.3	21.3	0.1349
78	30	80	632668	3490.02	DFT-s-OFDM 16 QAM	1@1	24.43	21.43	0.1390
78	30	80	632668	3490.02	DFT-s-OFDM 16 QAM	1@215	24.19	21.19	0.1315
78	30	80	633334	3500.01	DFT-s-OFDM QPSK	108@54	25.52	22.52	0.1786
78	30	80	633334	3500.01	DFT-s-OFDM QPSK	1@1	25.48	22.48	0.1770
78	30	80	633334	3500.01	DFT-s-OFDM QPSK	1@215	25.29	22.29	0.1694
78	30	80	633334	3500.01	DFT-s-OFDM 16 QAM	108@54	24.32	21.32	0.1355
78	30	80	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	24.54	21.54	0.1426
78	30	80	633334	3500.01	DFT-s-OFDM 16 QAM	1@215	24.3	21.3	0.1349
78	30	80	634000	3510	DFT-s-OFDM QPSK	108@54	25.5	22.5	0.1778
78	30	80	634000	3510	DFT-s-OFDM QPSK	1@1	25.62	22.62	0.1828
78	30	80	634000	3510	DFT-s-OFDM QPSK	1@215	25.27	22.27	0.1687
78	30	80	634000	3510	DFT-s-OFDM 16 QAM	108@54	24.31	21.31	0.1352
78	30	80	634000	3510	DFT-s-OFDM 16 QAM	1@1	24.52	21.52	0.1419
78	30	80	634000	3510	DFT-s-OFDM 16 QAM	1@215	24.32	21.32	0.1355
78	30	90	633000	3495	DFT-s-OFDM QPSK	120@60	25.46	22.46	0.1762
78	30	90	633000	3495	DFT-s-OFDM QPSK	1@1	25.56	22.56	0.1803
78	30	90	633000	3495	DFT-s-OFDM QPSK	1@243	25.23	22.23	0.1671
78	30	90	633000	3495	DFT-s-OFDM 16 QAM	120@60	24.37	21.37	0.1371
78	30	90	633000	3495	DFT-s-OFDM 16 QAM	1@1	24.56	21.56	0.1432
78	30	90	633000	3495	DFT-s-OFDM 16 QAM	1@243	24.38	21.38	0.1374
78	30	90	633334	3500.01	DFT-s-OFDM QPSK	120@60	25.59	22.59	0.1816
78	30	90	633334	3500.01	DFT-s-OFDM QPSK	1@1	25.57	22.57	0.1807
78	30	90	633334	3500.01	DFT-s-OFDM QPSK	1@243	25.38	22.38	0.1730
78	30	90	633334	3500.01	DFT-s-OFDM 16 QAM	120@60	24.45	21.45	0.1396
78	30	90	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	24.59	21.59	0.1442
78	30	90	633334	3500.01	DFT-s-OFDM 16 QAM	1@243	24.4	21.4	0.1380



NR Band	SCS	BandWidth	Arfcn	Freq(MHz)	Modulation	RB	Conducted Power(dBm)	EIRP(dBm)	EIRP(W)
78	30	90	633666	3504.99	DFT-s-OFDM QPSK	120@60	25.55	22.55	0.1799
78	30	90	633666	3504.99	DFT-s-OFDM QPSK	1@1	25.78	22.78	0.1897
78	30	90	633666	3504.99	DFT-s-OFDM QPSK	1@243	25.34	22.34	0.1714
78	30	90	633666	3504.99	DFT-s-OFDM 16 QAM	120@60	24.46	21.46	0.1400
78	30	90	633666	3504.99	DFT-s-OFDM 16 QAM	1@1	24.78	21.78	0.1507
78	30	90	633666	3504.99	DFT-s-OFDM 16 QAM	1@243	24.43	21.43	0.1390
78	30	100	633334	3500.01	DFT-s-OFDM PI/2 BPSK	135@67	25.63	22.63	0.1832
78	30	100	633334	3500.01	DFT-s-OFDM PI/2 BPSK	1@1	25.92	22.92	0.1959
78	30	100	633334	3500.01	DFT-s-OFDM PI/2 BPSK	1@271	25.59	22.59	0.1816
78	30	100	633334	3500.01	DFT-s-OFDM QPSK	135@67	25.58	22.58	0.1811
78	30	100	633334	3500.01	DFT-s-OFDM QPSK	1@1	25.83	22.83	0.1919
78	30	100	633334	3500.01	DFT-s-OFDM QPSK	1@271	25.54	22.54	0.1795
78	30	100	633334	3500.01	DFT-s-OFDM 16 QAM	135@67	24.5	21.5	0.1413
78	30	100	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	24.87	21.87	0.1538
78	30	100	633334	3500.01	DFT-s-OFDM 16 QAM	1@271	24.44	21.44	0.1393
78	30	100	633334	3500.01	DFT-s-OFDM 64 QAM	135@67	23.13	20.13	0.1030
78	30	100	633334	3500.01	DFT-s-OFDM 64 QAM	1@1	23.21	20.21	0.1050
78	30	100	633334	3500.01	DFT-s-OFDM 64 QAM	1@271	22.98	19.98	0.0995
78	30	100	633334	3500.01	DFT-s-OFDM 256 QAM	135@67	21.12	18.12	0.0649
78	30	100	633334	3500.01	DFT-s-OFDM 256 QAM	1@1	21.28	18.28	0.0673
78	30	100	633334	3500.01	DFT-s-OFDM 256 QAM	1@271	20.97	17.97	0.0627
78	30	100	633334	3500.01	CP-OFDM QPSK	137@68	23.94	20.94	0.1242
78	30	100	633334	3500.01	CP-OFDM QPSK	1@1	24.46	21.46	0.1400
78	30	100	633334	3500.01	CP-OFDM QPSK	1@271	24.16	21.16	0.1306



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	630334	3455.01	DFT-s-OFDM QPSK	12@6	21.69	21.53	24.62	21.62	0.1452
77	30	10	630334	3455.01	DFT-s-OFDM QPSK	1@1	21.7	21.61	24.67	21.67	0.1469
77	30	10	630334	3455.01	DFT-s-OFDM QPSK	1@22	21.69	21.53	24.62	21.62	0.1452
77	30	10	630334	3455.01	DFT-s-OFDM 16 QAM	12@6	20.72	20.56	23.65	20.65	0.1161
77	30	10	630334	3455.01	DFT-s-OFDM 16 QAM	1@1	20.48	20.57	23.54	20.54	0.1132
77	30	10	630334	3455.01	DFT-s-OFDM 16 QAM	1@22	20.65	20.44	23.56	20.56	0.1138
77	30	10	633334	3500.01	DFT-s-OFDM QPSK	12@6	21.63	21.56	24.61	21.61	0.1449
77	30	10	633334	3500.01	DFT-s-OFDM QPSK	1@1	21.71	21.45	24.59	21.59	0.1442
77	30	10	633334	3500.01	DFT-s-OFDM QPSK	1@22	21.64	21.49	24.58	21.58	0.1439
77	30	10	633334	3500.01	DFT-s-OFDM 16 QAM	12@6	20.65	20.46	23.57	20.57	0.1140
77	30	10	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	20.71	20.51	23.62	20.62	0.1153
77	30	10	633334	3500.01	DFT-s-OFDM 16 QAM	1@22	20.55	20.39	23.48	20.48	0.1117
77	30	10	636332	3544.98	DFT-s-OFDM QPSK	12@6	21.82	21.41	24.63	21.63	0.1455
77	30	10	636332	3544.98	DFT-s-OFDM QPSK	1@1	21.8	21.5	24.66	21.66	0.1466
77	30	10	636332	3544.98	DFT-s-OFDM QPSK	1@22	21.64	21.39	24.53	21.53	0.1422
77	30	10	636332	3544.98	DFT-s-OFDM 16 QAM	12@6	20.61	20.36	23.50	20.5	0.1122
77	30	10	636332	3544.98	DFT-s-OFDM 16 QAM	1@1	20.67	20.42	23.56	20.56	0.1138
77	30	10	636332	3544.98	DFT-s-OFDM 16 QAM	1@22	20.64	20.35	23.51	20.51	0.1125
77	30	20	630668	3460.02	DFT-s-OFDM QPSK	25@12	21.76	21.61	24.70	21.7	0.1479
77	30	20	630668	3460.02	DFT-s-OFDM QPSK	1@1	21.76	21.73	24.76	21.76	0.1500
77	30	20	630668	3460.02	DFT-s-OFDM QPSK	1@49	21.82	21.59	24.72	21.72	0.1486
77	30	20	630668	3460.02	DFT-s-OFDM 16 QAM	25@12	20.59	20.49	23.55	20.55	0.1135
77	30	20	630668	3460.02	DFT-s-OFDM 16 QAM	1@1	20.72	20.69	23.72	20.72	0.1180
77	30	20	630668	3460.02	DFT-s-OFDM 16 QAM	1@49	20.68	20.39	23.55	20.55	0.1135
77	30	20	633334	3500.01	DFT-s-OFDM QPSK	25@12	21.75	21.62	24.70	21.7	0.1479
77	30	20	633334	3500.01	DFT-s-OFDM QPSK	1@1	21.79	21.64	24.73	21.73	0.1489
77	30	20	633334	3500.01	DFT-s-OFDM QPSK	1@49	21.65	21.51	24.59	21.59	0.1442
77	30	20	633334	3500.01	DFT-s-OFDM 16 QAM	25@12	20.61	20.51	23.57	20.57	0.1140
77	30	20	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	20.77	20.64	23.72	20.72	0.1180
77	30	20	633334	3500.01	DFT-s-OFDM 16 QAM	1@49	20.59	20.48	23.55	20.55	0.1135
77	30	20	636000	3540	DFT-s-OFDM QPSK	25@12	21.86	21.53	24.71	21.71	0.1483
77	30	20	636000	3540	DFT-s-OFDM QPSK	1@1	21.81	21.63	24.73	21.73	0.1489
77	30	20	636000	3540	DFT-s-OFDM QPSK	1@49	21.76	21.41	24.60	21.6	0.1445



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	636000	3540	DFT-s-OFDM 16 QAM	25@12	20.55	20.44	23.51	20.51	0.1125
77	30	20	636000	3540	DFT-s-OFDM 16 QAM	1@1	20.8	20.42	23.62	20.62	0.1153
77	30	20	636000	3540	DFT-s-OFDM 16 QAM	1@49	20.67	20.35	23.52	20.52	0.1127
77	30	30	631000	3465	DFT-s-OFDM QPSK	36@18	21.92	21.8	24.87	21.87	0.1538
77	30	30	631000	3465	DFT-s-OFDM QPSK	1@1	21.76	21.85	24.82	21.82	0.1521
77	30	30	631000	3465	DFT-s-OFDM QPSK	1@76	21.74	21.5	24.63	21.63	0.1455
77	30	30	631000	3465	DFT-s-OFDM 16 QAM	36@18	20.73	20.55	23.65	20.65	0.1161
77	30	30	631000	3465	DFT-s-OFDM 16 QAM	1@1	20.77	20.76	23.78	20.78	0.1197
77	30	30	631000	3465	DFT-s-OFDM 16 QAM	1@76	20.66	20.5	23.59	20.59	0.1146
77	30	30	633334	3500.01	DFT-s-OFDM QPSK	36@18	21.79	21.66	24.74	21.74	0.1493
77	30	30	633334	3500.01	DFT-s-OFDM QPSK	1@1	21.81	21.7	24.77	21.77	0.1503
77	30	30	633334	3500.01	DFT-s-OFDM QPSK	1@76	21.81	21.59	24.71	21.71	0.1483
77	30	30	633334	3500.01	DFT-s-OFDM 16 QAM	36@18	20.76	20.49	23.64	20.64	0.1159
77	30	30	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	20.79	20.67	23.74	20.74	0.1186
77	30	30	633334	3500.01	DFT-s-OFDM 16 QAM	1@76	20.72	20.56	23.65	20.65	0.1161
77	30	30	635666	3534.99	DFT-s-OFDM QPSK	36@18	21.92	21.71	24.83	21.83	0.1524
77	30	30	635666	3534.99	DFT-s-OFDM QPSK	1@1	22	21.82	24.92	21.92	0.1556
77	30	30	635666	3534.99	DFT-s-OFDM QPSK	1@76	21.74	21.4	24.58	21.58	0.1439
77	30	30	635666	3534.99	DFT-s-OFDM 16 QAM	36@18	20.8	20.46	23.64	20.64	0.1159
77	30	30	635666	3534.99	DFT-s-OFDM 16 QAM	1@1	20.99	20.73	23.87	20.87	0.1222
77	30	30	635666	3534.99	DFT-s-OFDM 16 QAM	1@76	20.72	20.31	23.53	20.53	0.1130
77	30	40	631334	3470.01	DFT-s-OFDM QPSK	50@25	21.88	21.68	24.79	21.79	0.1510
77	30	40	631334	3470.01	DFT-s-OFDM QPSK	1@1	21.76	21.73	24.76	21.76	0.1500
77	30	40	631334	3470.01	DFT-s-OFDM QPSK	1@104	21.49	21.42	24.47	21.47	0.1403
77	30	40	631334	3470.01	DFT-s-OFDM 16 QAM	50@25	20.76	20.62	23.70	20.7	0.1175
77	30	40	631334	3470.01	DFT-s-OFDM 16 QAM	1@1	20.45	20.73	23.60	20.6	0.1148
77	30	40	631334	3470.01	DFT-s-OFDM 16 QAM	1@104	20.46	20.27	23.38	20.38	0.1091
77	30	40	633334	3500.01	DFT-s-OFDM QPSK	50@25	21.92	21.71	24.83	21.83	0.1524
77	30	40	633334	3500.01	DFT-s-OFDM QPSK	1@1	21.82	21.85	24.85	21.85	0.1531
77	30	40	633334	3500.01	DFT-s-OFDM QPSK	1@104	21.62	21.58	24.61	21.61	0.1449
77	30	40	633334	3500.01	DFT-s-OFDM 16 QAM	50@25	20.72	20.58	23.66	20.66	0.1164
77	30	40	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	20.76	20.77	23.78	20.78	0.1197
77	30	40	633334	3500.01	DFT-s-OFDM 16 QAM	1@104	20.58	20.37	23.49	20.49	0.1119
77	30	40	635332	3529.98	DFT-s-OFDM QPSK	50@25	21.96	21.68	24.83	21.83	0.1524
77	30	40	635332	3529.98	DFT-s-OFDM QPSK	1@1	21.89	21.73	24.82	21.82	0.1521
77	30	40	635332	3529.98	DFT-s-OFDM QPSK	1@104	21.66	21.3	24.49	21.49	0.1409
77	30	40	635332	3529.98	DFT-s-OFDM 16 QAM	50@25	20.85	20.54	23.71	20.71	0.1178
77	30	40	635332	3529.98	DFT-s-OFDM 16 QAM	1@1	20.79	20.67	23.74	20.74	0.1186



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	635332	3529.98	DFT-s-OFDM 16 QAM	1@104	20.64	20.38	23.52	20.52	0.1127
77	30	50	631668	3475.02	DFT-s-OFDM QPSK	64@32	22.06	21.96	25.02	22.02	0.1592
77	30	50	631668	3475.02	DFT-s-OFDM QPSK	1@1	21.99	21.9	24.96	21.96	0.1570
77	30	50	631668	3475.02	DFT-s-OFDM QPSK	1@131	21.69	21.55	24.63	21.63	0.1455
77	30	50	631668	3475.02	DFT-s-OFDM 16 QAM	64@32	20.93	20.73	23.84	20.84	0.1213
77	30	50	631668	3475.02	DFT-s-OFDM 16 QAM	1@1	20.93	20.77	23.86	20.86	0.1219
77	30	50	631668	3475.02	DFT-s-OFDM 16 QAM	1@131	20.74	20.46	23.61	20.61	0.1151
77	30	50	633334	3500.01	DFT-s-OFDM QPSK	64@32	22.06	21.92	25.00	22	0.1585
77	30	50	633334	3500.01	DFT-s-OFDM QPSK	1@1	22	22.01	25.02	22.02	0.1592
77	30	50	633334	3500.01	DFT-s-OFDM QPSK	1@131	21.76	21.5	24.64	21.64	0.1459
77	30	50	633334	3500.01	DFT-s-OFDM 16 QAM	64@32	20.92	20.76	23.85	20.85	0.1216
77	30	50	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	21	20.92	23.97	20.97	0.1250
77	30	50	633334	3500.01	DFT-s-OFDM 16 QAM	1@131	20.79	20.57	23.69	20.69	0.1172
77	30	50	635000	3525	DFT-s-OFDM QPSK	64@32	22.16	21.88	25.03	22.03	0.1596
77	30	50	635000	3525	DFT-s-OFDM QPSK	1@1	21.98	21.88	24.94	21.94	0.1563
77	30	50	635000	3525	DFT-s-OFDM QPSK	1@131	21.89	21.39	24.66	21.66	0.1466
77	30	50	635000	3525	DFT-s-OFDM 16 QAM	64@32	20.94	20.73	23.85	20.85	0.1216
77	30	50	635000	3525	DFT-s-OFDM 16 QAM	1@1	20.8	20.89	23.86	20.86	0.1219
77	30	50	635000	3525	DFT-s-OFDM 16 QAM	1@131	20.78	20.37	23.59	20.59	0.1146
77	30	60	632000	3480	DFT-s-OFDM QPSK	81@40	21.75	21.46	24.62	21.62	0.1452
77	30	60	632000	3480	DFT-s-OFDM QPSK	1@1	21.84	21.86	24.86	21.86	0.1535
77	30	60	632000	3480	DFT-s-OFDM QPSK	1@160	21.57	21.22	24.41	21.41	0.1384
77	30	60	632000	3480	DFT-s-OFDM 16 QAM	81@40	20.68	20.45	23.58	20.58	0.1143
77	30	60	632000	3480	DFT-s-OFDM 16 QAM	1@1	20.73	20.71	23.73	20.73	0.1183
77	30	60	632000	3480	DFT-s-OFDM 16 QAM	1@160	20.54	20.19	23.38	20.38	0.1091
77	30	60	633334	3500.01	DFT-s-OFDM QPSK	81@40	21.61	21.44	24.54	21.54	0.1426
77	30	60	633334	3500.01	DFT-s-OFDM QPSK	1@1	21.94	21.87	24.92	21.92	0.1556
77	30	60	633334	3500.01	DFT-s-OFDM QPSK	1@160	21.67	21.25	24.48	21.48	0.1406
77	30	60	633334	3500.01	DFT-s-OFDM 16 QAM	81@40	20.56	20.42	23.50	20.5	0.1122
77	30	60	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	20.79	20.87	23.84	20.84	0.1213
77	30	60	633334	3500.01	DFT-s-OFDM 16 QAM	1@160	20.59	20.16	23.39	20.39	0.1094
77	30	60	634666	3519.99	DFT-s-OFDM QPSK	81@40	21.61	21.37	24.50	21.5	0.1413
77	30	60	634666	3519.99	DFT-s-OFDM QPSK	1@1	21.77	21.66	24.73	21.73	0.1489
77	30	60	634666	3519.99	DFT-s-OFDM QPSK	1@160	21.7	21.17	24.45	21.45	0.1396
77	30	60	634666	3519.99	DFT-s-OFDM 16 QAM	81@40	20.64	20.35	23.51	20.51	0.1125
77	30	60	634666	3519.99	DFT-s-OFDM 16 QAM	1@1	20.75	20.76	23.77	20.77	0.1194
77	30	60	634666	3519.99	DFT-s-OFDM 16 QAM	1@160	20.51	20.06	23.30	20.3	0.1072
77	30	70	632334	3485.01	DFT-s-OFDM QPSK	90@45	21.97	21.71	24.85	21.85	0.1531



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	632334	3485.01	DFT-s-OFDM QPSK	1@1	21.87	21.94	24.92	21.92	0.1556
77	30	70	632334	3485.01	DFT-s-OFDM QPSK	1@187	21.68	21.38	24.54	21.54	0.1426
77	30	70	632334	3485.01	DFT-s-OFDM 16 QAM	90@45	20.76	20.58	23.68	20.68	0.1169
77	30	70	632334	3485.01	DFT-s-OFDM 16 QAM	1@1	20.87	20.87	23.88	20.88	0.1225
77	30	70	632334	3485.01	DFT-s-OFDM 16 QAM	1@187	20.66	20.24	23.47	20.47	0.1114
77	30	70	633334	3500.01	DFT-s-OFDM QPSK	90@45	21.83	21.71	24.78	21.78	0.1507
77	30	70	633334	3500.01	DFT-s-OFDM QPSK	1@1	22.07	22.01	25.05	22.05	0.1603
77	30	70	633334	3500.01	DFT-s-OFDM QPSK	1@187	21.63	21.39	24.52	21.52	0.1419
77	30	70	633334	3500.01	DFT-s-OFDM 16 QAM	90@45	20.7	20.56	23.64	20.64	0.1159
77	30	70	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	21	20.96	23.99	20.99	0.1256
77	30	70	633334	3500.01	DFT-s-OFDM 16 QAM	1@187	20.67	20.26	23.48	20.48	0.1117
77	30	70	634332	3514.98	DFT-s-OFDM QPSK	90@45	21.87	21.67	24.78	21.78	0.1507
77	30	70	634332	3514.98	DFT-s-OFDM QPSK	1@1	21.94	21.98	24.97	21.97	0.1574
77	30	70	634332	3514.98	DFT-s-OFDM QPSK	1@187	21.7	21.29	24.51	21.51	0.1416
77	30	70	634332	3514.98	DFT-s-OFDM 16 QAM	90@45	20.67	20.53	23.61	20.61	0.1151
77	30	70	634332	3514.98	DFT-s-OFDM 16 QAM	1@1	20.86	20.83	23.86	20.86	0.1219
77	30	70	634332	3514.98	DFT-s-OFDM 16 QAM	1@187	20.58	20.22	23.41	20.41	0.1099
77	30	80	632668	3490.02	DFT-s-OFDM QPSK	108@54	21.94	21.72	24.84	21.84	0.1528
77	30	80	632668	3490.02	DFT-s-OFDM QPSK	1@1	21.95	22.06	25.02	22.02	0.1592
77	30	80	632668	3490.02	DFT-s-OFDM QPSK	1@215	21.8	21.46	24.64	21.64	0.1459
77	30	80	632668	3490.02	DFT-s-OFDM 16 QAM	108@54	20.68	20.51	23.61	20.61	0.1151
77	30	80	632668	3490.02	DFT-s-OFDM 16 QAM	1@1	20.92	20.84	23.89	20.89	0.1227
77	30	80	632668	3490.02	DFT-s-OFDM 16 QAM	1@215	20.68	20.28	23.49	20.49	0.1119
77	30	80	633334	3500.01	DFT-s-OFDM QPSK	108@54	21.84	21.7	24.78	21.78	0.1507
77	30	80	633334	3500.01	DFT-s-OFDM QPSK	1@1	22.02	22.11	25.08	22.08	0.1614
77	30	80	633334	3500.01	DFT-s-OFDM QPSK	1@215	21.64	21.34	24.50	21.5	0.1413
77	30	80	633334	3500.01	DFT-s-OFDM 16 QAM	108@54	20.72	20.49	23.62	20.62	0.1153
77	30	80	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	20.86	20.95	23.92	20.92	0.1236
77	30	80	633334	3500.01	DFT-s-OFDM 16 QAM	1@215	20.6	20.34	23.48	20.48	0.1117
77	30	80	634000	3510	DFT-s-OFDM QPSK	108@54	21.9	21.68	24.80	21.8	0.1514
77	30	80	634000	3510	DFT-s-OFDM QPSK	1@1	22.02	22.12	25.08	22.08	0.1614
77	30	80	634000	3510	DFT-s-OFDM QPSK	1@215	21.74	21.33	24.55	21.55	0.1429
77	30	80	634000	3510	DFT-s-OFDM 16 QAM	108@54	20.69	20.46	23.59	20.59	0.1146
77	30	80	634000	3510	DFT-s-OFDM 16 QAM	1@1	20.99	20.93	23.97	20.97	0.1250
77	30	80	634000	3510	DFT-s-OFDM 16 QAM	1@215	20.71	20.35	23.54	20.54	0.1132
77	30	90	633000	3495	DFT-s-OFDM QPSK	120@60	21.89	21.64	24.78	21.78	0.1507
77	30	90	633000	3495	DFT-s-OFDM QPSK	1@1	21.92	21.95	24.95	21.95	0.1567
77	30	90	633000	3495	DFT-s-OFDM QPSK	1@243	21.73	21.26	24.51	21.51	0.1416



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	633000	3495	DFT-s-OFDM 16 QAM	120@60	20.68	20.48	23.59	20.59	0.1146
77	30	90	633000	3495	DFT-s-OFDM 16 QAM	1@1	21.04	21.04	24.05	21.05	0.1274
77	30	90	633000	3495	DFT-s-OFDM 16 QAM	1@243	20.78	20.22	23.52	20.52	0.1127
77	30	90	633334	3500.01	DFT-s-OFDM QPSK	120@60	21.84	21.67	24.77	21.77	0.1503
77	30	90	633334	3500.01	DFT-s-OFDM QPSK	1@1	22.03	22.08	25.07	22.07	0.1611
77	30	90	633334	3500.01	DFT-s-OFDM QPSK	1@243	21.69	21.25	24.49	21.49	0.1409
77	30	90	633334	3500.01	DFT-s-OFDM 16 QAM	120@60	20.73	20.61	23.68	20.68	0.1169
77	30	90	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	20.9	21.01	23.97	20.97	0.1250
77	30	90	633334	3500.01	DFT-s-OFDM 16 QAM	1@243	20.65	20.26	23.47	20.47	0.1114
77	30	90	633666	3504.99	DFT-s-OFDM QPSK	120@60	21.85	21.67	24.77	21.77	0.1503
77	30	90	633666	3504.99	DFT-s-OFDM QPSK	1@1	22.06	22.12	25.10	22.1	0.1622
77	30	90	633666	3504.99	DFT-s-OFDM QPSK	1@243	21.62	21.32	24.48	21.48	0.1406
77	30	90	633666	3504.99	DFT-s-OFDM 16 QAM	120@60	20.73	20.59	23.67	20.67	0.1167
77	30	90	633666	3504.99	DFT-s-OFDM 16 QAM	1@1	21.01	21.12	24.08	21.08	0.1282
77	30	90	633666	3504.99	DFT-s-OFDM 16 QAM	1@243	20.62	20.22	23.43	20.43	0.1104
77	30	100	633334	3500.01	DFT-s-OFDM PI/2 BPSK	135@67	22.27	22.13	25.21	22.21	0.1663
77	30	100	633334	3500.01	DFT-s-OFDM PI/2 BPSK	1@1	22.61	22.69	25.66	22.66	0.1845
77	30	100	633334	3500.01	DFT-s-OFDM PI/2 BPSK	1@271	22.25	21.78	25.03	22.03	0.1596
77	30	100	633334	3500.01	DFT-s-OFDM QPSK	135@67	21.65	21.51	24.59	21.59	0.1442
77	30	100	633334	3500.01	DFT-s-OFDM QPSK	1@1	22.11	22.2	25.17	22.17	0.1648
77	30	100	633334	3500.01	DFT-s-OFDM QPSK	1@271	21.73	21.33	24.54	21.54	0.1426
77	30	100	633334	3500.01	DFT-s-OFDM 16 QAM	135@67	20.57	20.51	23.55	20.55	0.1135
77	30	100	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	21.01	20.99	24.01	21.01	0.1262
77	30	100	633334	3500.01	DFT-s-OFDM 16 QAM	1@271	20.67	20.16	23.43	20.43	0.1104
77	30	100	633334	3500.01	DFT-s-OFDM 64 QAM	135@67	19.11	18.98	22.06	19.06	0.0805
77	30	100	633334	3500.01	DFT-s-OFDM 64 QAM	1@1	19.53	19.56	22.56	19.56	0.0904
77	30	100	633334	3500.01	DFT-s-OFDM 64 QAM	1@271	19.12	18.65	21.90	18.9	0.0776
77	30	100	633334	3500.01	DFT-s-OFDM 256 QAM	135@67	16.47	16.43	19.46	16.46	0.0443
77	30	100	633334	3500.01	DFT-s-OFDM 256 QAM	1@1	17	16.98	20.00	17	0.0501
77	30	100	633334	3500.01	DFT-s-OFDM 256 QAM	1@271	16.62	16.19	19.42	16.42	0.0439
77	30	100	633334	3500.01	CP-OFDM QPSK	137@68	19.97	19.85	22.92	19.92	0.0982
77	30	100	633334	3500.01	CP-OFDM QPSK	1@1	20.73	20.78	23.77	20.77	0.1194
77	30	100	633334	3500.01	CP-OFDM QPSK	1@271	20.35	19.88	23.13	20.13	0.1030



FR1 N77 MIMO-ANT1

Frequency Stability

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Deviation (Hz)	Verdict	Environment
77	30	20	633334	3500.01	CP-OFDM QPSK	51@0	18.1	PASS	NV
77	30	20	633334	3500.01	CP-OFDM QPSK	51@0	10.8	PASS	LV
77	30	20	633334	3500.01	CP-OFDM QPSK	51@0	19.1	PASS	HV
77	30	20	633334	3500.01	CP-OFDM QPSK	51@0	10.9	PASS	-30°C
77	30	20	633334	3500.01	CP-OFDM QPSK	51@0	17	PASS	-20°C
77	30	20	633334	3500.01	CP-OFDM QPSK	51@0	12.5	PASS	-10°C
77	30	20	633334	3500.01	CP-OFDM QPSK	51@0	13.7	PASS	0°C
77	30	20	633334	3500.01	CP-OFDM QPSK	51@0	19.4	PASS	10°C
77	30	20	633334	3500.01	CP-OFDM QPSK	51@0	18.1	PASS	20°C
77	30	20	633334	3500.01	CP-OFDM QPSK	51@0	11.7	PASS	30°C
77	30	20	633334	3500.01	CP-OFDM QPSK	51@0	18	PASS	40°C
77	30	20	633334	3500.01	CP-OFDM QPSK	51@0	18.5	PASS	50°C

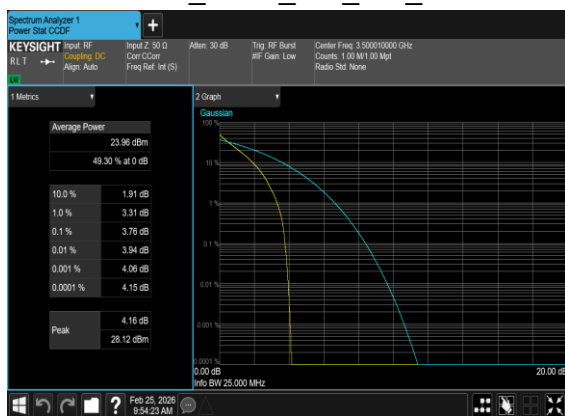
 $|\text{MAX}(\Delta f)| = 19.4 \text{ Hz}$

Frequency Stability	Frequency (MHz)	Limit Line	Result
$f_L - \text{MAX}(\Delta f) $	3450.869181	$\geq 3450 \text{ MHz}$	PASS
$f_H + \text{MAX}(\Delta f) $	3549.070919	$\leq 3550 \text{ MHz}$	

Peak to Average Ratio

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result (dB)	Limit (dB)	Verdict
77	30	20	633334	3500.01	DFT-s-OFDM PI/2 BPSK	50@0	3.76	13	PASS
77	30	20	633334	3500.01	DFT-s-OFDM QPSK	50@0	4.42	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**

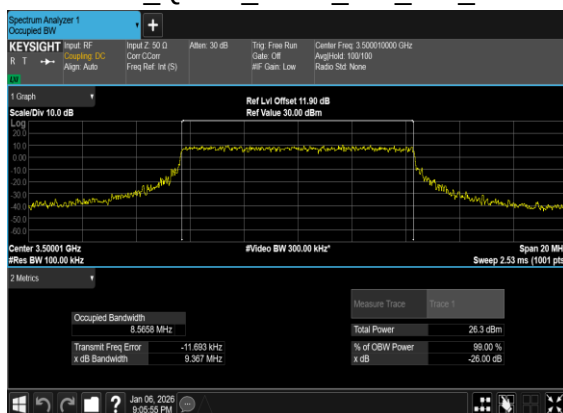
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	OBW (MHz)	26dB BW (MHz)
77	30	10	633334	3500.01	CP-OFDM QPSK	24@0	8.5658	9.367
77	30	10	633334	3500.01	CP-OFDM 16 QAM	24@0	8.5907	9.483
77	30	10	633334	3500.01	CP-OFDM 64 QAM	24@0	8.5622	9.555
77	30	10	633334	3500.01	CP-OFDM 256 QAM	24@0	8.583	9.512
77	30	20	633334	3500.01	CP-OFDM QPSK	51@0	18.162	19.27
77	30	20	633334	3500.01	CP-OFDM 16 QAM	51@0	18.245	19.28
77	30	20	633334	3500.01	CP-OFDM 64 QAM	51@0	18.221	19.92
77	30	20	633334	3500.01	CP-OFDM 256 QAM	51@0	18.212	19.3
77	30	30	633334	3500.01	CP-OFDM QPSK	78@0	27.844	29.29
77	30	30	633334	3500.01	CP-OFDM 16 QAM	78@0	27.82	29.61
77	30	30	633334	3500.01	CP-OFDM 64 QAM	78@0	27.694	30.03
77	30	30	633334	3500.01	CP-OFDM 256 QAM	78@0	27.81	29.25
77	30	40	633334	3500.01	CP-OFDM QPSK	106@0	37.743	39.31
77	30	40	633334	3500.01	CP-OFDM 16 QAM	106@0	37.763	39.62
77	30	40	633334	3500.01	CP-OFDM 64 QAM	106@0	37.766	39.25
77	30	40	633334	3500.01	CP-OFDM 256 QAM	106@0	37.804	39.34
77	30	50	633334	3500.01	CP-OFDM QPSK	133@0	47.449	49.08
77	30	50	633334	3500.01	CP-OFDM 16 QAM	133@0	47.473	49.61
77	30	50	633334	3500.01	CP-OFDM 64 QAM	133@0	47.503	49.16
77	30	50	633334	3500.01	CP-OFDM 256 QAM	133@0	47.465	49.32
77	30	60	633334	3500.01	CP-OFDM QPSK	162@0	57.667	59.65
77	30	60	633334	3500.01	CP-OFDM 16 QAM	162@0	57.798	60.11



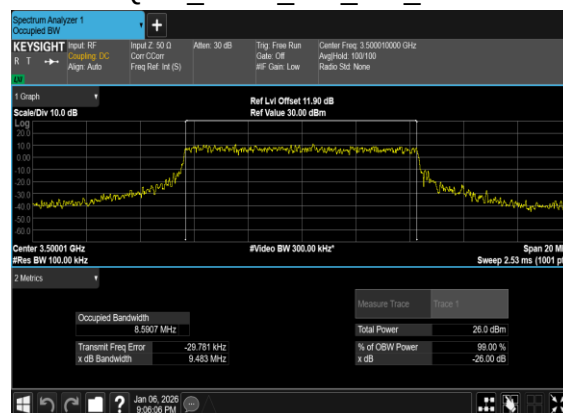
77	30	60	633334	3500.01	CP-OFDM 64 QAM	162@0	57.918	59.92
77	30	60	633334	3500.01	CP-OFDM 256 QAM	162@0	57.973	59.86
77	30	70	633334	3500.01	CP-OFDM QPSK	189@0	67.532	69.63
77	30	70	633334	3500.01	CP-OFDM 16 QAM	189@0	67.65	69.65
77	30	70	633334	3500.01	CP-OFDM 64 QAM	189@0	67.558	69.9
77	30	70	633334	3500.01	CP-OFDM 256 QAM	189@0	67.4	69.74
77	30	80	633334	3500.01	CP-OFDM QPSK	217@0	77.355	80.06
77	30	80	633334	3500.01	CP-OFDM 16 QAM	217@0	77.431	79.79
77	30	80	633334	3500.01	CP-OFDM 64 QAM	217@0	77.42	79.9
77	30	80	633334	3500.01	CP-OFDM 256 QAM	217@0	77.417	80.1
77	30	90	633334	3500.01	CP-OFDM QPSK	245@0	87.156	90.14
77	30	90	633334	3500.01	CP-OFDM 16 QAM	245@0	87.518	90.14
77	30	90	633334	3500.01	CP-OFDM 64 QAM	245@0	87.472	90.57
77	30	90	633334	3500.01	CP-OFDM 256 QAM	245@0	87.473	90.35
77	30	100	633334	3500.01	CP-OFDM QPSK	273@0	97.428	100.6
77	30	100	633334	3500.01	CP-OFDM 16 QAM	273@0	97.424	100.5
77	30	100	633334	3500.01	CP-OFDM 64 QAM	273@0	97.466	100.4
77	30	100	633334	3500.01	CP-OFDM 256 QAM	273@0	97.452	100.7



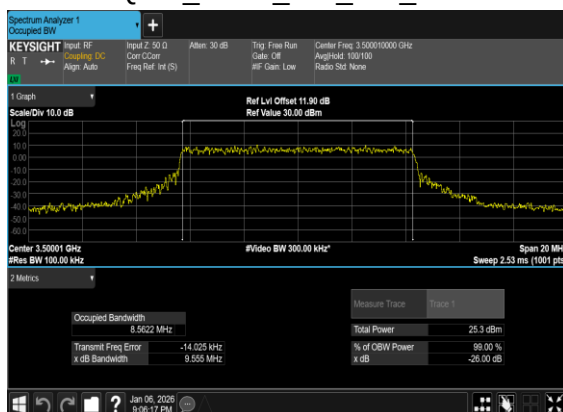
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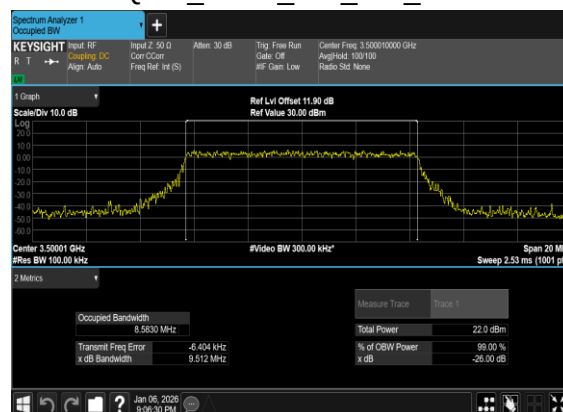
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N77(10M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH

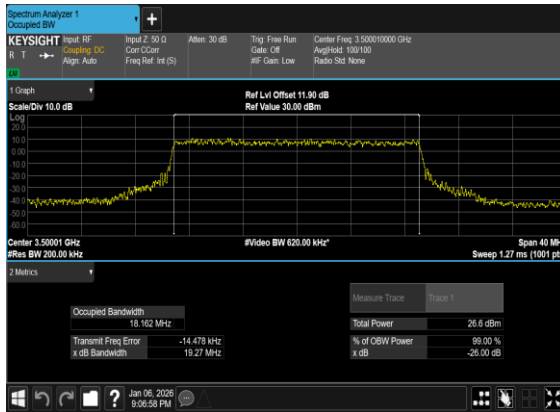


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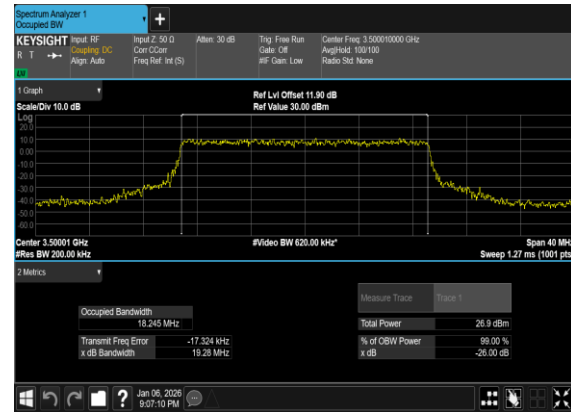




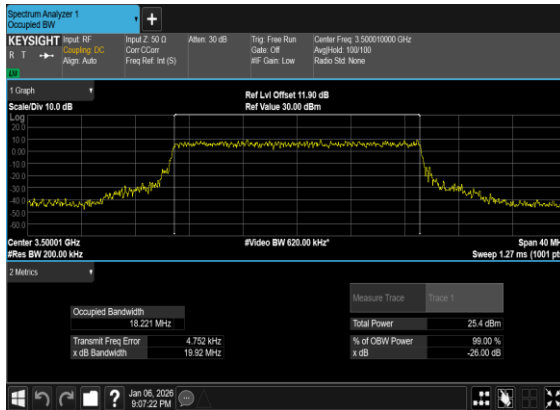
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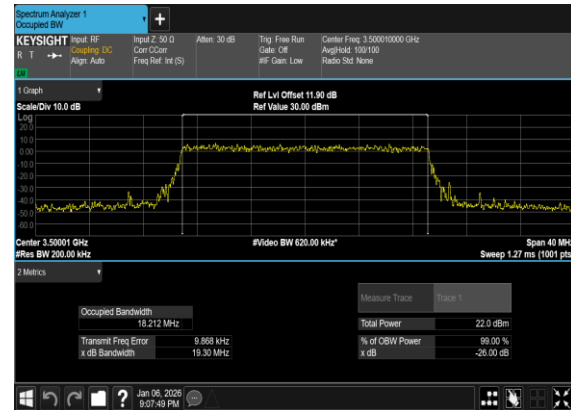
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QAM_Outer_Full_Mid_CH



N77(20M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH

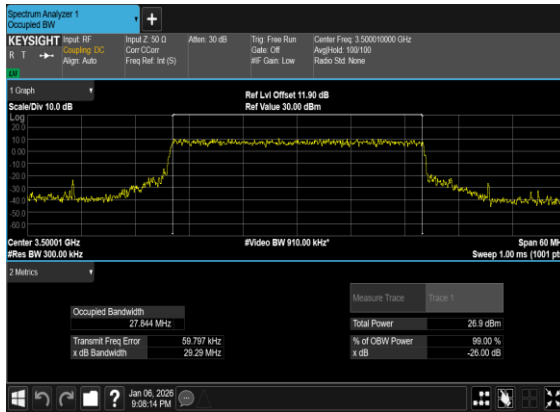


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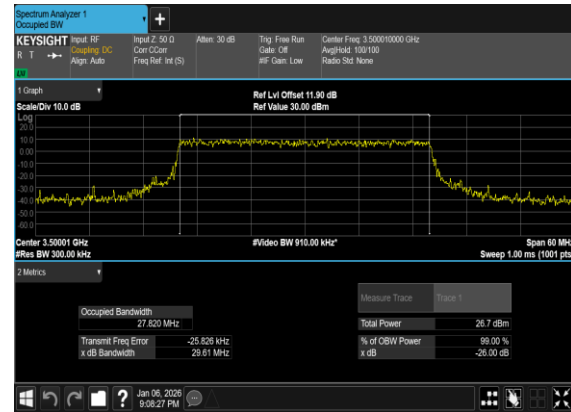




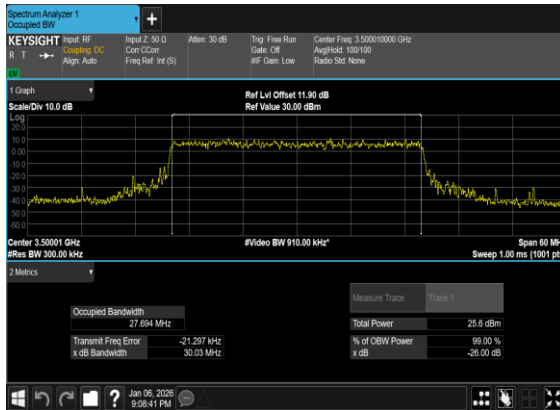
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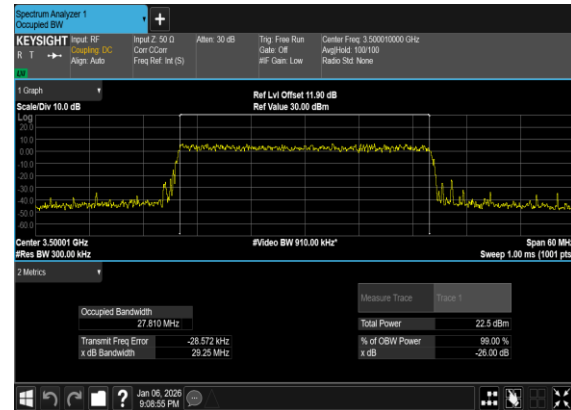
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N77(30M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH

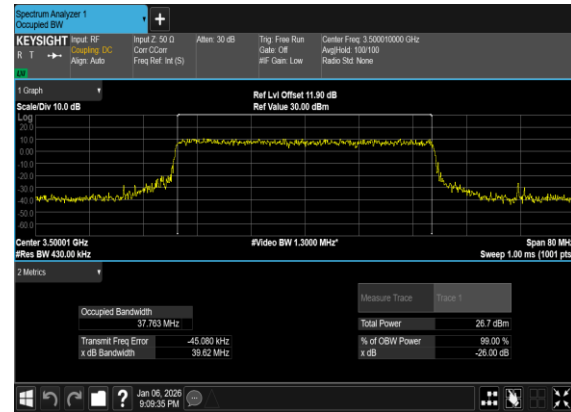




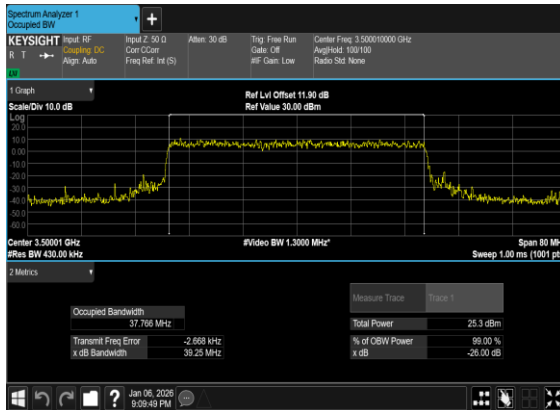
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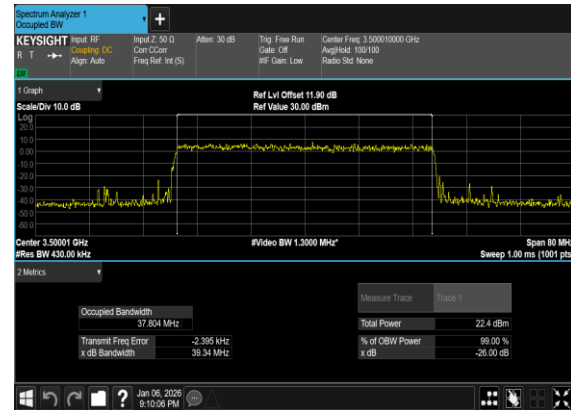
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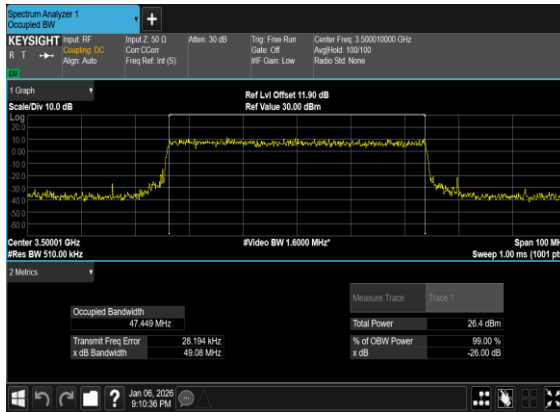


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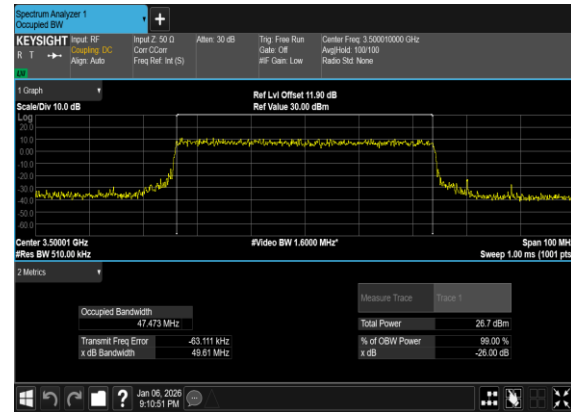




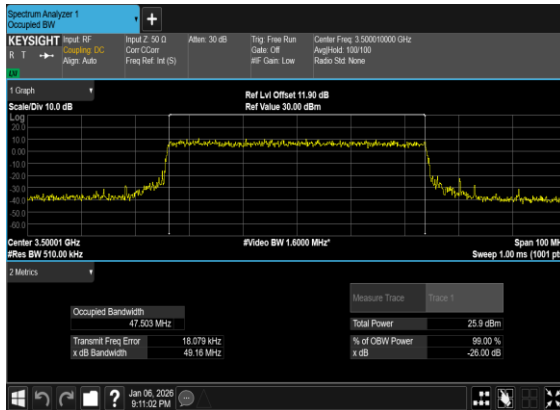
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OFDM_QPSK_Outer_Full_Mid_CH



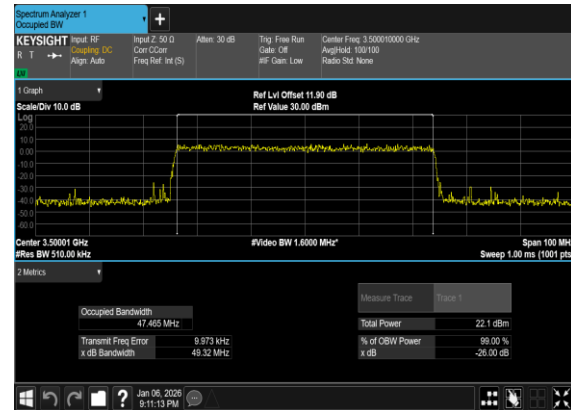
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QAM_Outer_Full_Mid_CH



N77(50M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH

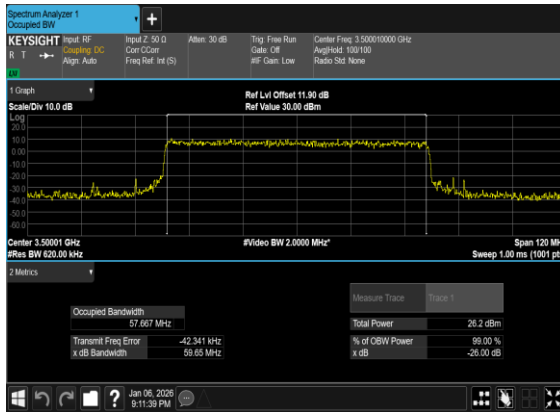


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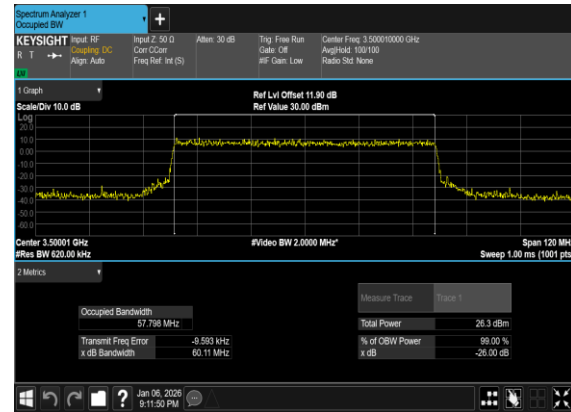




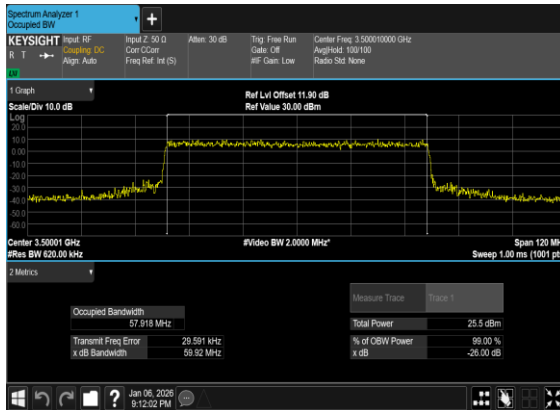
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OFDM_QPSK_Outer_Full_Mid_CH



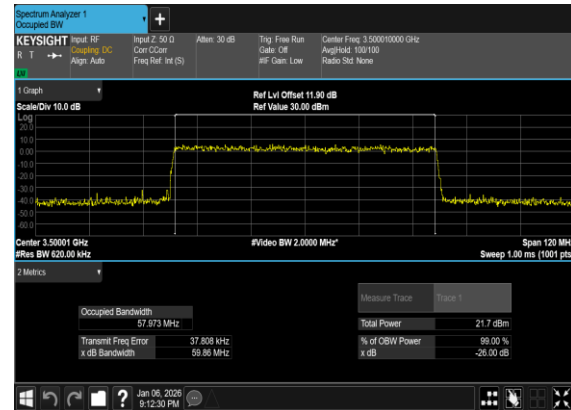
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QAM_Outer_Full_Mid_CH



N77(60M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH

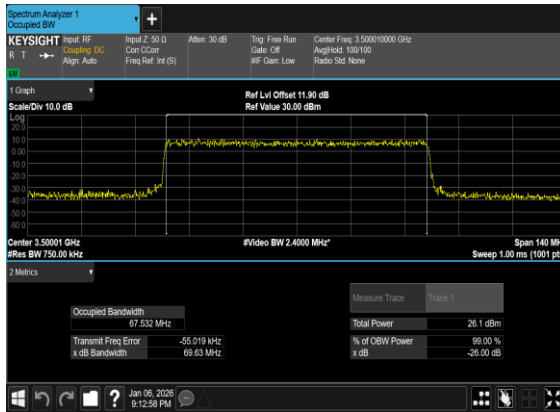


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QAM_Outer_Full_Mid_CH

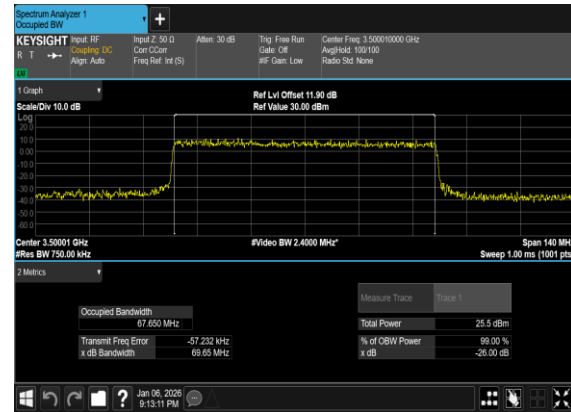




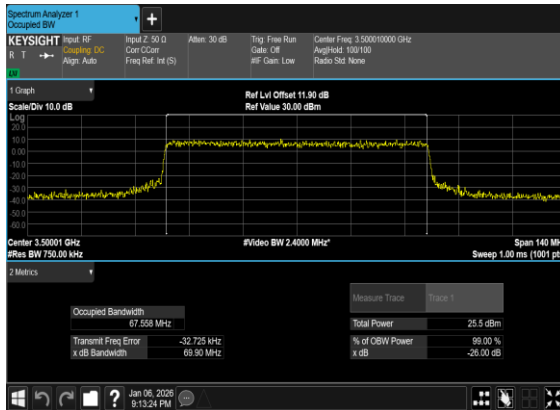
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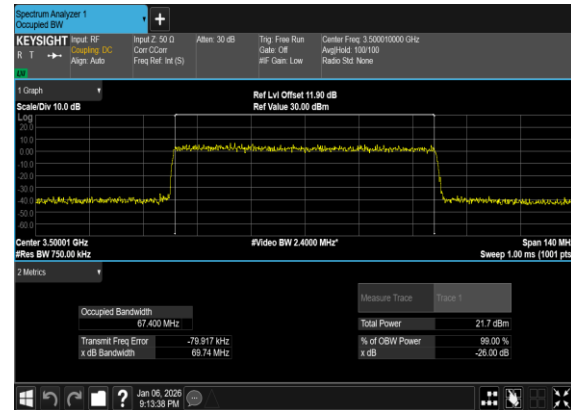
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QAM_Outer_Full_Mid_CH



N77(70M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH

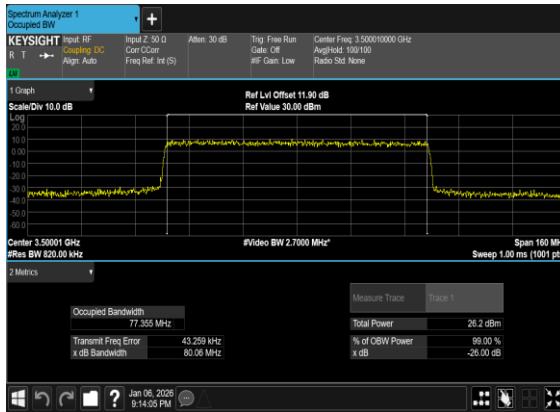


N77(70M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH

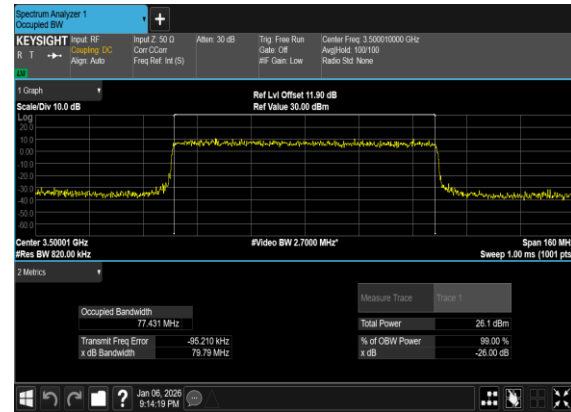




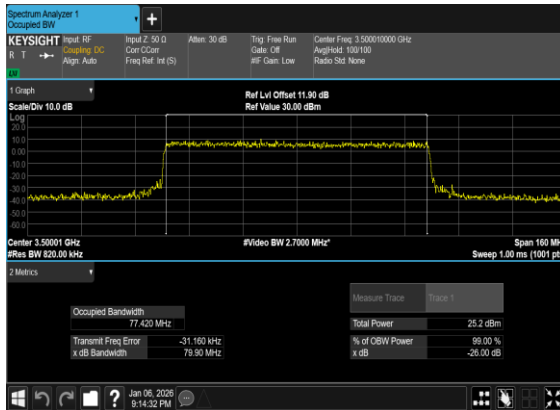
N77(80M)_CP-
OFDM_QPSK_Outer_Full_Mid_CH



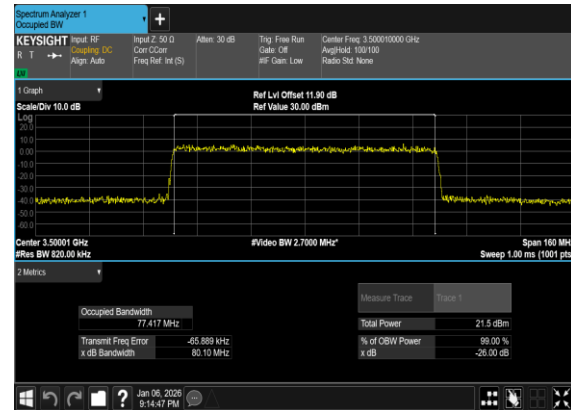
N77(80M)_CP-OFDM_16
QAM_Outer_Full_Mid_CH



N77(80M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH

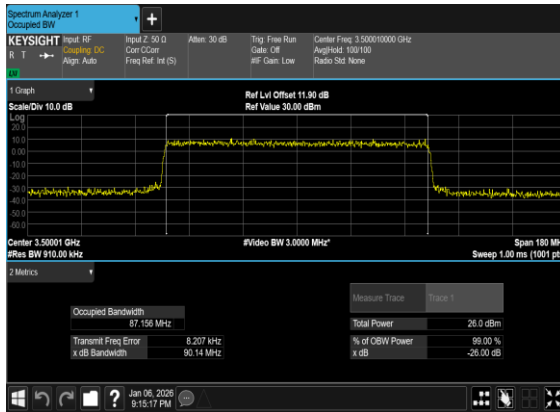


N77(80M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH

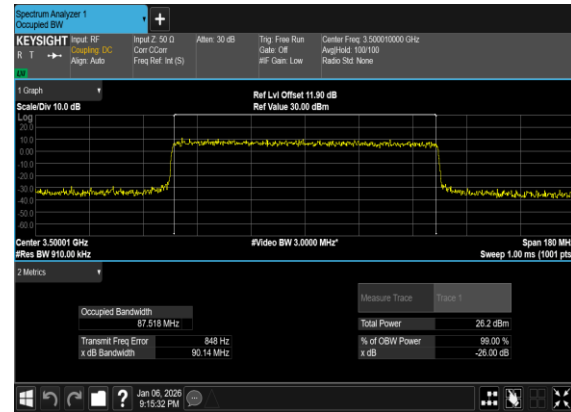




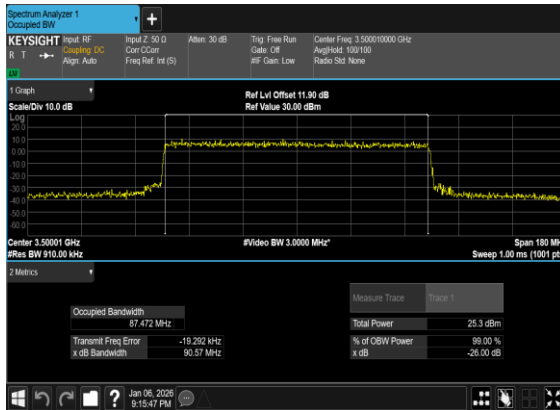
N77(90M)_CP-
OFDM_QPSK_Outer_Full_Mid_CH



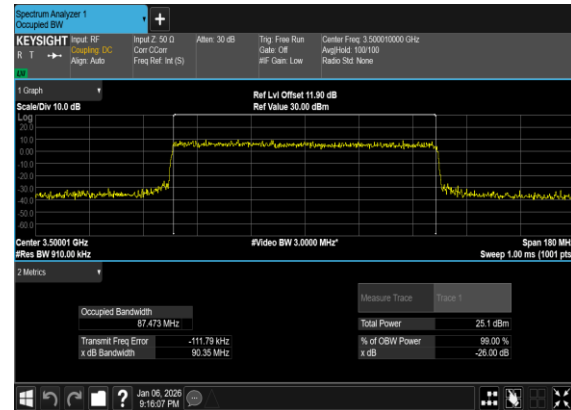
N77(90M)_CP-OFDM_16
QAM_Outer_Full_Mid_CH



N77(90M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH

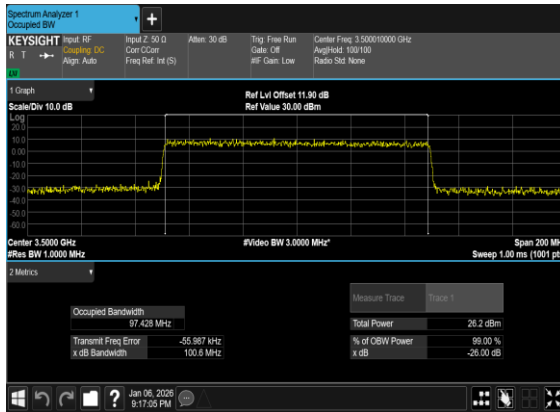


N77(90M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH

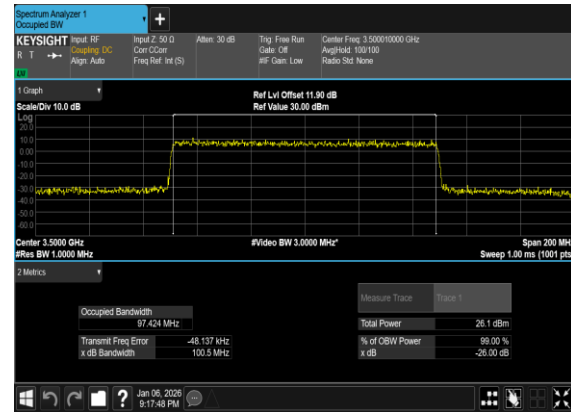




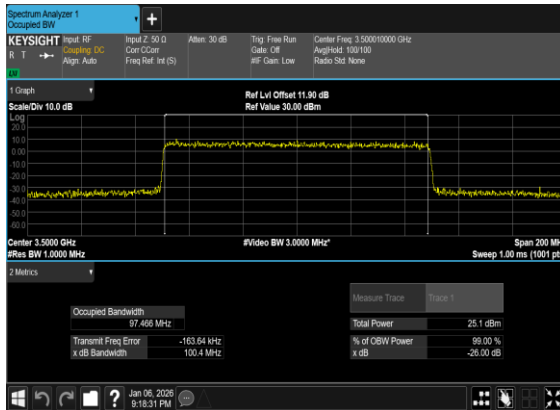
N77(100M)_CP-
OFDM_QPSK_Outer_Full_Mid_CH



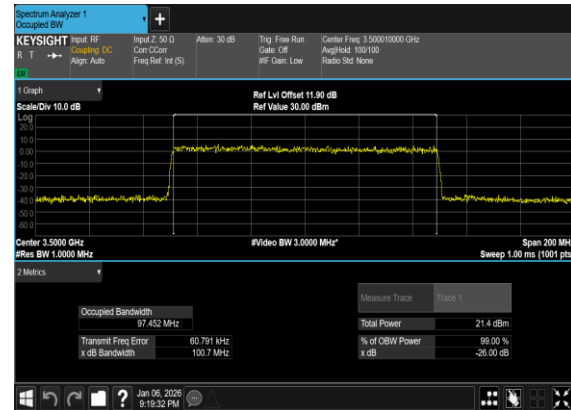
N77(100M)_CP-OFDM_16
QAM_Outer_Full_Mid_CH



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	630334	3455.01	DFT-s-OFDM BPSK	1@0	see graph	---
77	30	10	630334	3455.01	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	10	630334	3455.01	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	10	630334	3455.01	DFT-s-OFDM QPSK	1@0	see graph	---
77	30	10	630334	3455.01	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	30	10	630334	3455.01	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	30	10	633334	3500.01	DFT-s-OFDM BPSK	1@0	see graph	---
77	30	10	633334	3500.01	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	10	633334	3500.01	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	10	633334	3500.01	DFT-s-OFDM QPSK	1@0	see graph	---
77	30	10	633334	3500.01	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	30	10	633334	3500.01	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	30	10	636332	3544.98	DFT-s-OFDM BPSK	1@0	see graph	---
77	30	10	636332	3544.98	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	10	636332	3544.98	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	10	636332	3544.98	DFT-s-OFDM QPSK	1@0	see graph	---
77	30	10	636332	3544.98	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	30	10	636332	3544.98	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	30	50	631668	3475.02	DFT-s-OFDM BPSK	1@0	see graph	---
77	30	50	631668	3475.02	DFT-s-OFDM BPSK	1@0	see graph	PASS



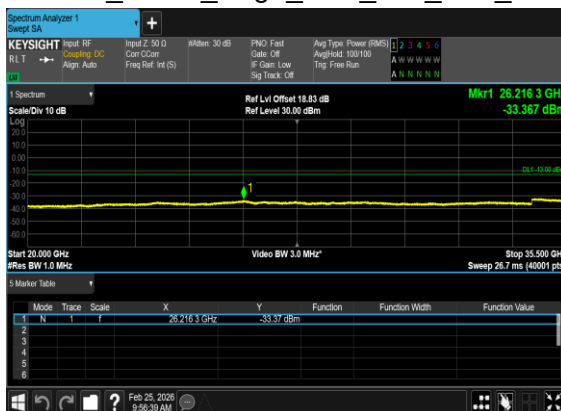
77	30	50	631668	3475.02	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	50	631668	3475.02	DFT-s-OFDM QPSK	1@0	see graph	---
77	30	50	631668	3475.02	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	30	50	631668	3475.02	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	30	50	633334	3500.01	DFT-s-OFDM BPSK	1@0	see graph	---
77	30	50	633334	3500.01	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	50	633334	3500.01	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	50	633334	3500.01	DFT-s-OFDM QPSK	1@0	see graph	---
77	30	50	633334	3500.01	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	30	50	633334	3500.01	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	30	50	635000	3525.0	DFT-s-OFDM BPSK	1@0	see graph	---
77	30	50	635000	3525.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	50	635000	3525.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	50	635000	3525.0	DFT-s-OFDM QPSK	1@0	see graph	---
77	30	50	635000	3525.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	30	50	635000	3525.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	30	100	633334	3500.01	DFT-s-OFDM BPSK	1@0	see graph	---
77	30	100	633334	3500.01	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	100	633334	3500.01	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	100	633334	3500.01	DFT-s-OFDM QPSK	1@0	see graph	---
77	30	100	633334	3500.01	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	30	100	633334	3500.01	DFT-s-OFDM QPSK	1@0	see graph	PASS



N77(10M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



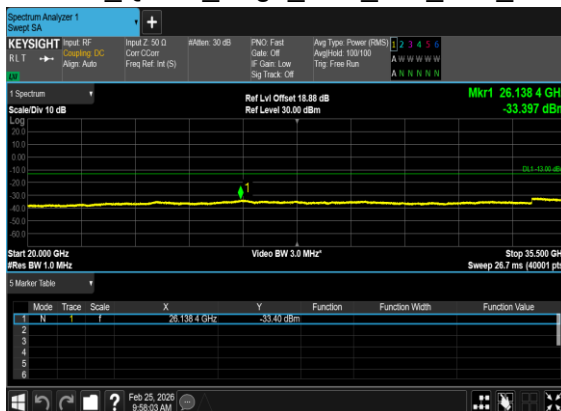
N77(10M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



N77(10M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH

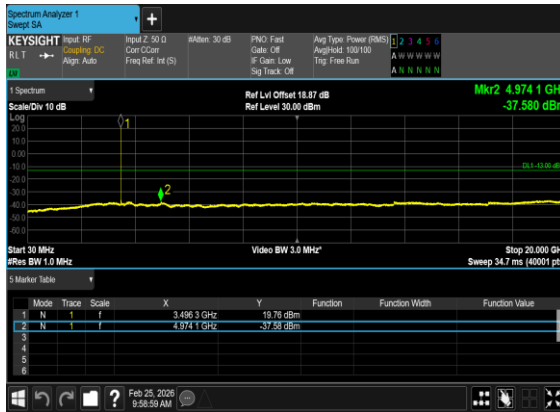


N77(10M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH

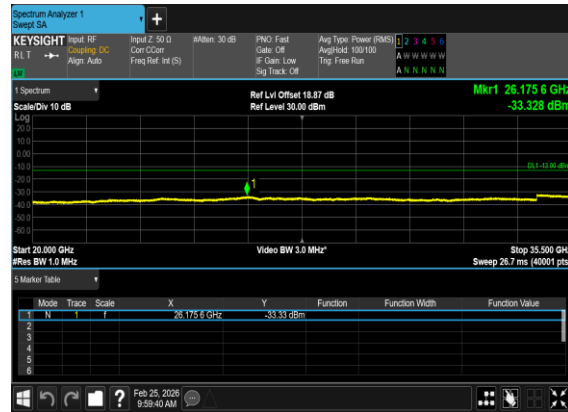




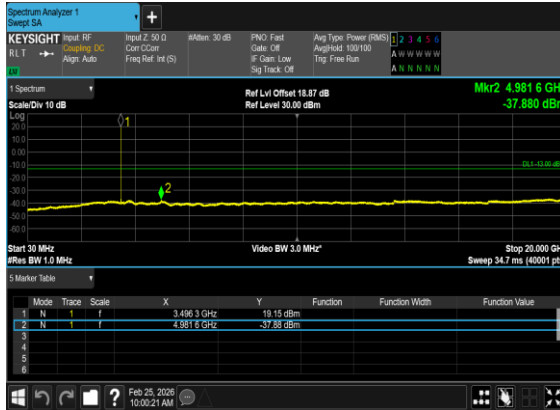
N77(10M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Mid_CH



N77(10M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Mid_CH



N77(10M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Mid_CH

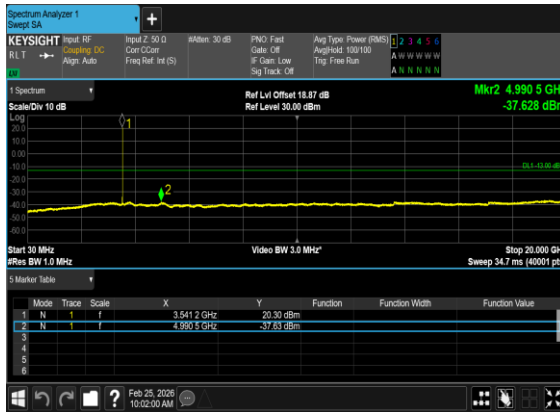


N77(10M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Mid_CH

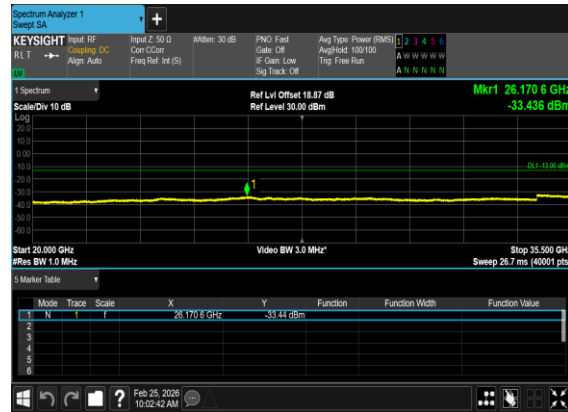




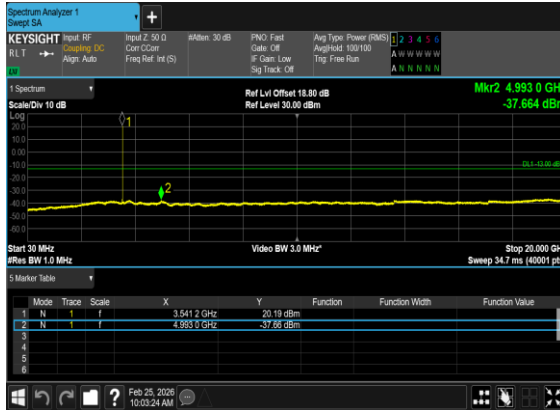
N77(10M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_High_CH



N77(10M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_High_CH



N77(10M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_High_CH

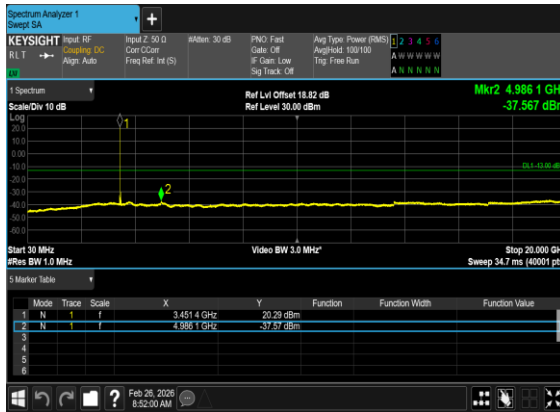


N77(10M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_High_CH

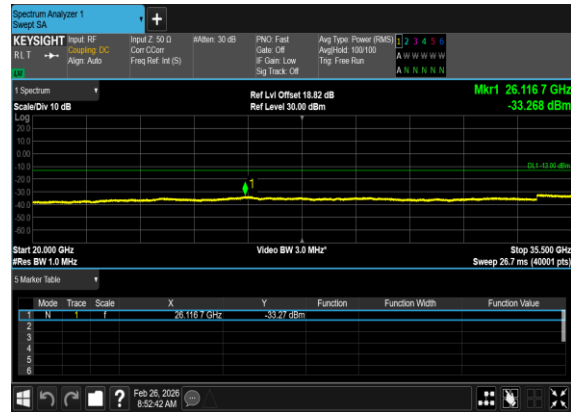




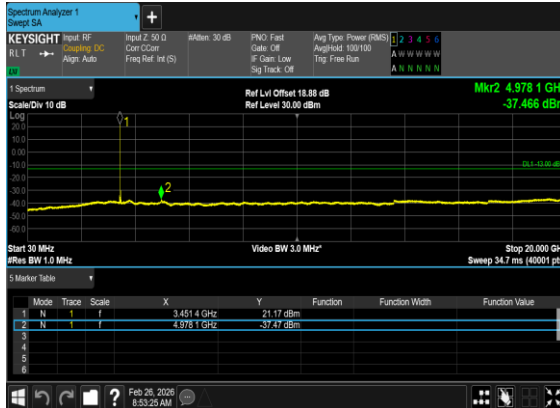
N77(50M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



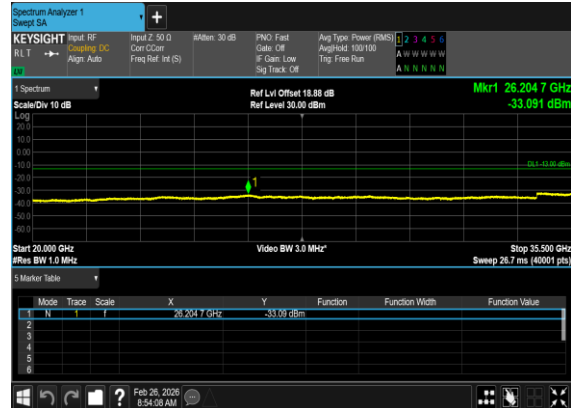
N77(50M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



N77(50M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH

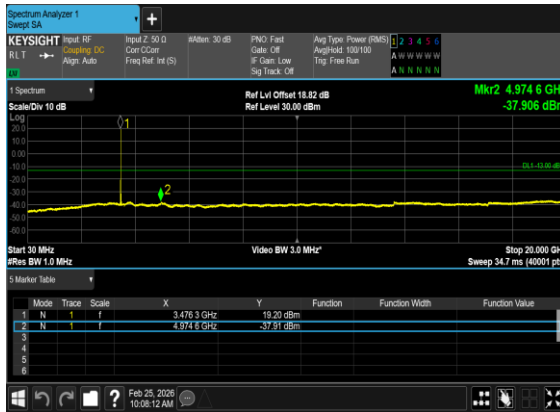


N77(50M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH

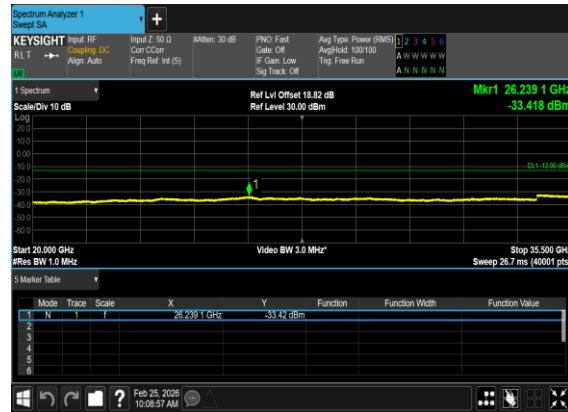




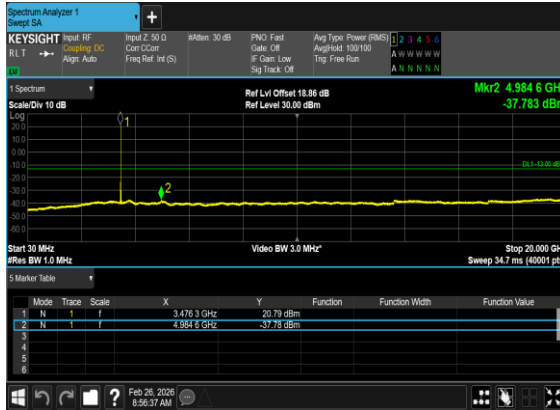
N77(50M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Mid_CH



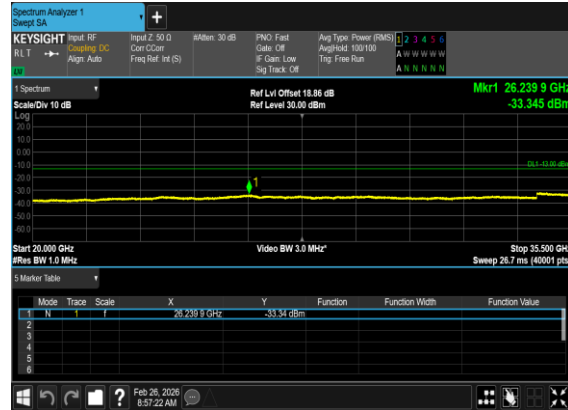
N77(50M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Mid_CH



N77(50M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Mid_CH

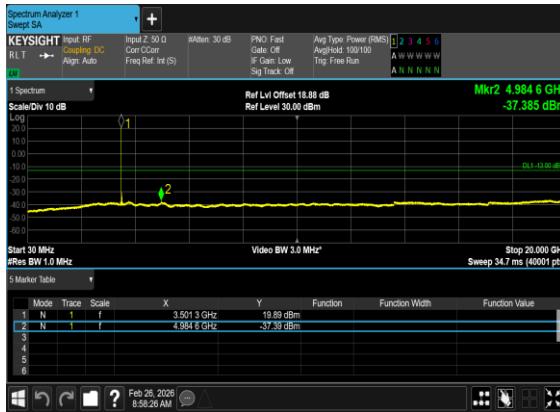


N77(50M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Mid_CH

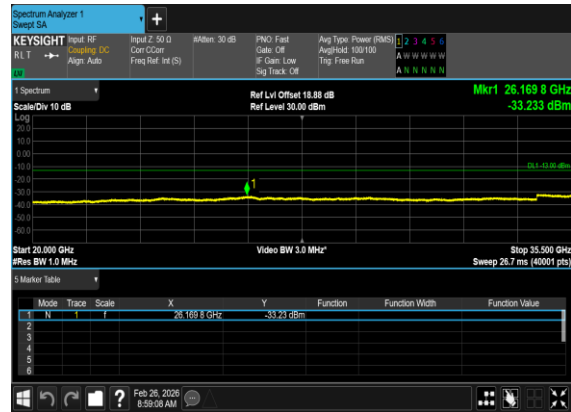




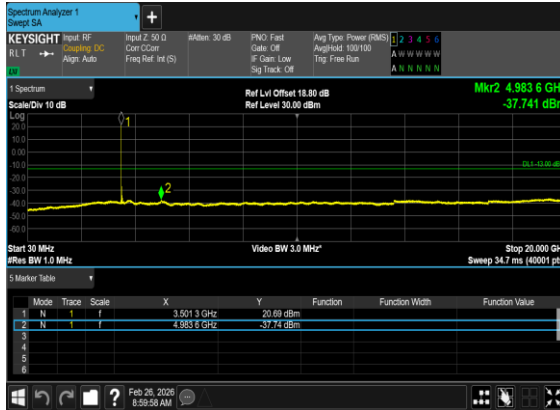
N77(50M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_High_CH



N77(50M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_High_CH



N77(50M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_High_CH

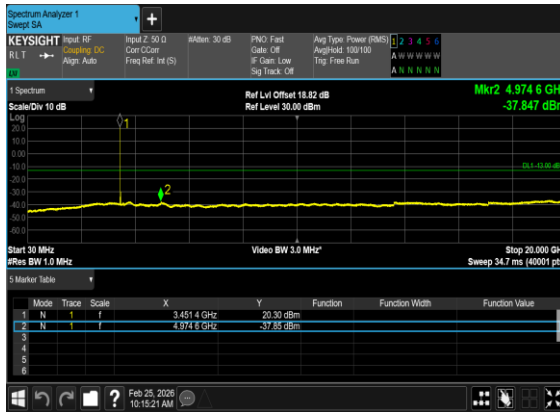


N77(50M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_High_CH

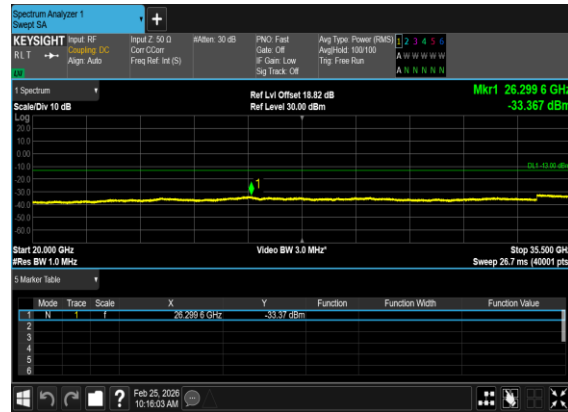




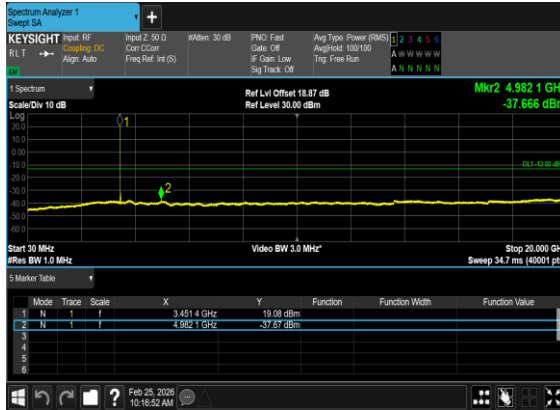
N77(100M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Mid_CH



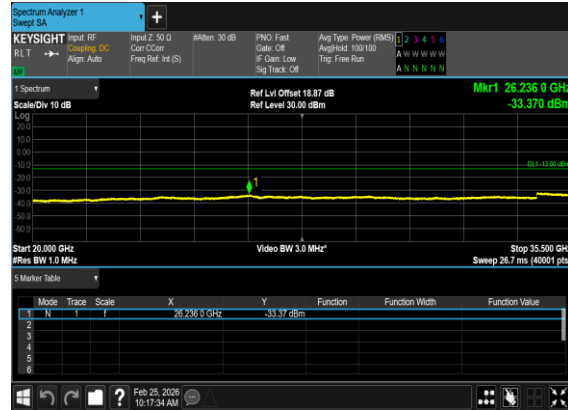
N77(100M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Mid_CH



N77(100M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Mid_CH



N77(100M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Mid_CH

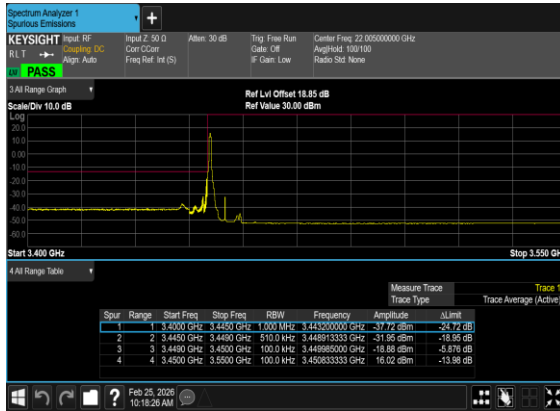


**Conducted Band Edge**

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
77	30	10	630334	3455.01	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	10	630334	3455.01	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	30	10	630334	3455.01	DFT-s-OFDM BPSK	24@0	see graph	PASS
77	30	10	630334	3455.01	DFT-s-OFDM QPSK	24@0	see graph	PASS
77	30	10	636332	3544.98	DFT-s-OFDM BPSK	1@23	see graph	PASS
77	30	10	636332	3544.98	DFT-s-OFDM QPSK	1@23	see graph	PASS
77	30	10	636332	3544.98	DFT-s-OFDM BPSK	24@0	see graph	PASS
77	30	10	636332	3544.98	DFT-s-OFDM QPSK	24@0	see graph	PASS
77	30	50	631668	3475.02	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	50	631668	3475.02	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	30	50	631668	3475.02	DFT-s-OFDM BPSK	128@0	see graph	PASS
77	30	50	631668	3475.02	DFT-s-OFDM QPSK	128@0	see graph	PASS
77	30	50	635000	3525.0	DFT-s-OFDM BPSK	1@132	see graph	PASS
77	30	50	635000	3525.0	DFT-s-OFDM QPSK	1@132	see graph	PASS
77	30	50	635000	3525.0	DFT-s-OFDM BPSK	128@0	see graph	PASS
77	30	50	635000	3525.0	DFT-s-OFDM QPSK	128@0	see graph	PASS
77	30	100	633334	3500.01	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	100	633334	3500.01	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	30	100	633334	3500.01	DFT-s-OFDM BPSK	1@272	see graph	PASS
77	30	100	633334	3500.01	DFT-s-OFDM QPSK	1@272	see graph	PASS
77	30	100	633334	3500.01	DFT-s-OFDM BPSK	270@0	see graph	PASS
77	30	100	633334	3500.01	DFT-s-OFDM QPSK	270@0	see graph	PASS



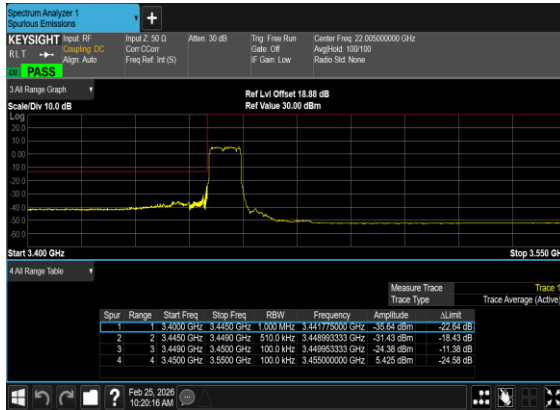
N77(10M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



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

