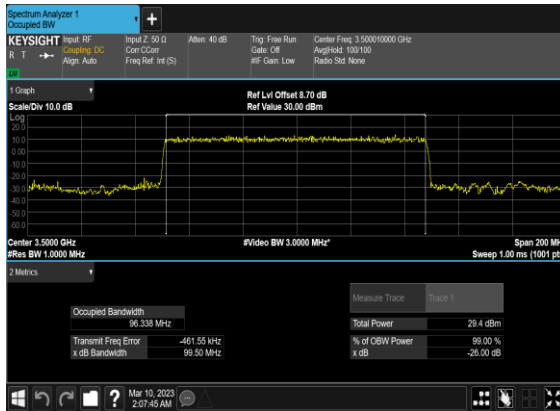
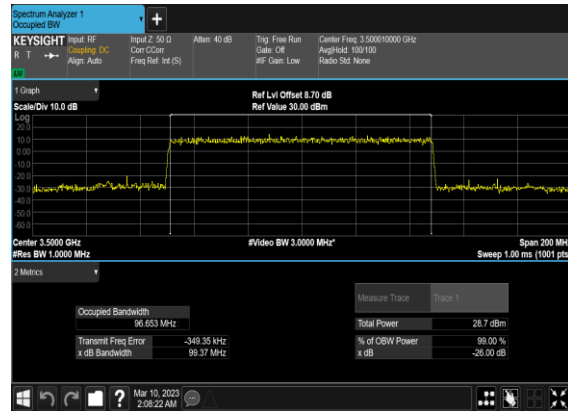


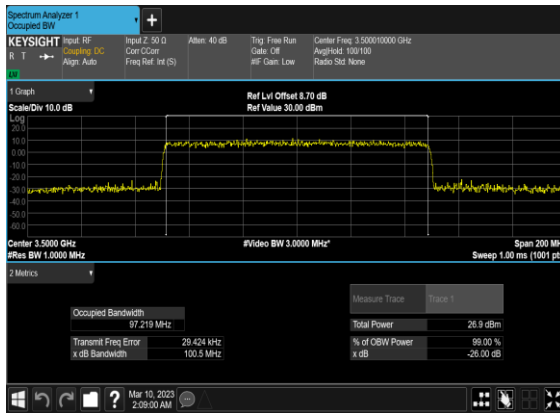
N77(100M)_DFT-s-OFDM_PI_2- BPSK_Outer_Full_Mid_CH



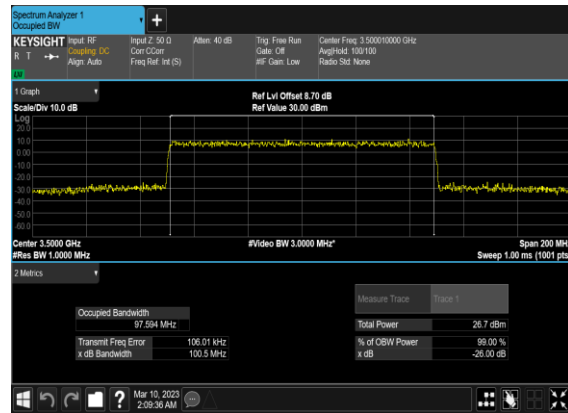
N77(100M)_DFT-s- OFDM_QPSK_Outer_Full_Mid_CH



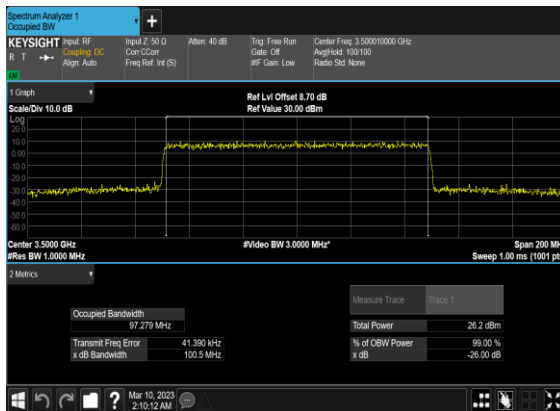
N77(100M)_CP- OFDM_QPSK_Outer_Full_Mid_CH



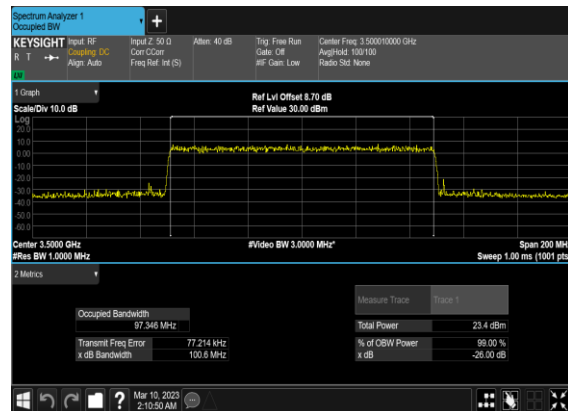
N77(100M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



N77(100M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH



N77(100M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH

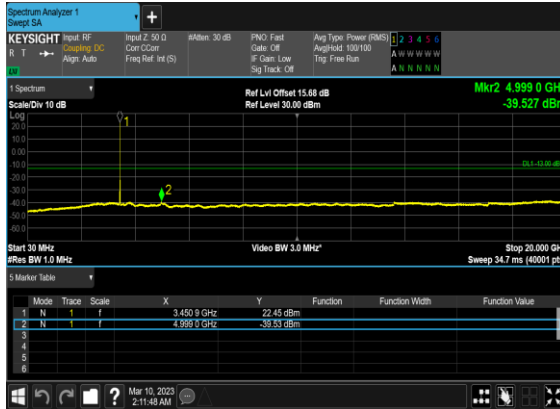


Conducted Spurious Emissions

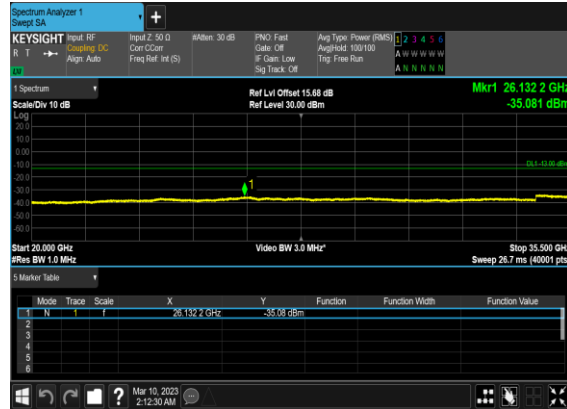
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
77	30	10	630334	3455.01	DFT-s-OFDM BPSK	1@0	see graph	---
77	30	10	630334	3455.01	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	10	630334	3455.01	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	10	630334	3455.01	DFT-s-OFDM QPSK	1@0	see 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

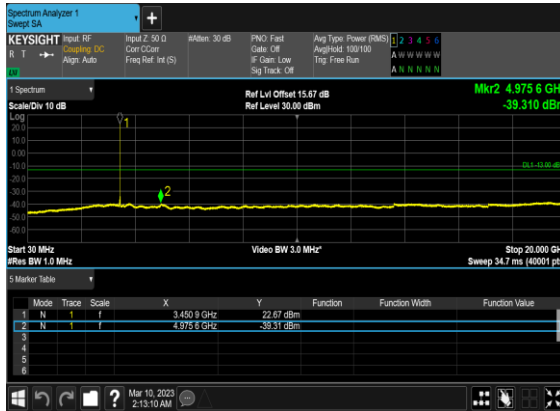
N77(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



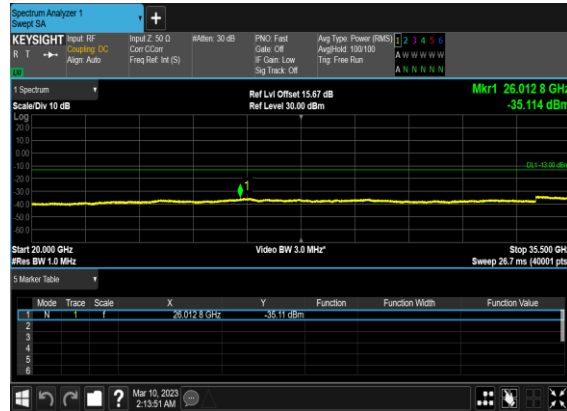
N77(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



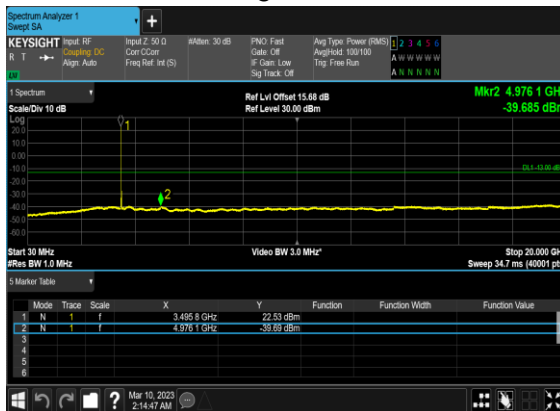
N77(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



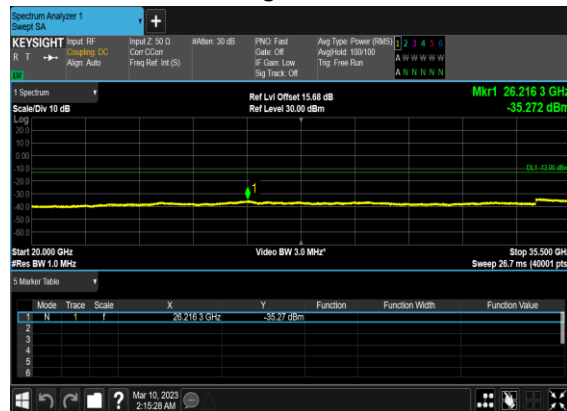
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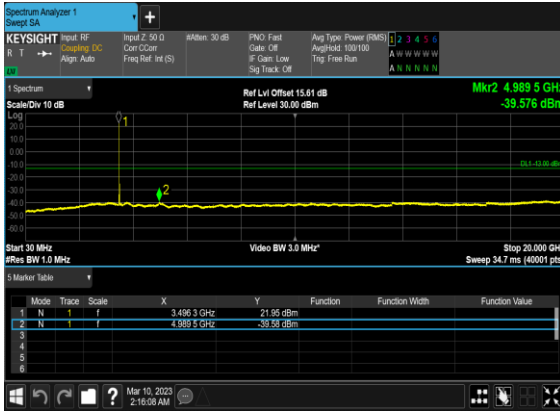
N77(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



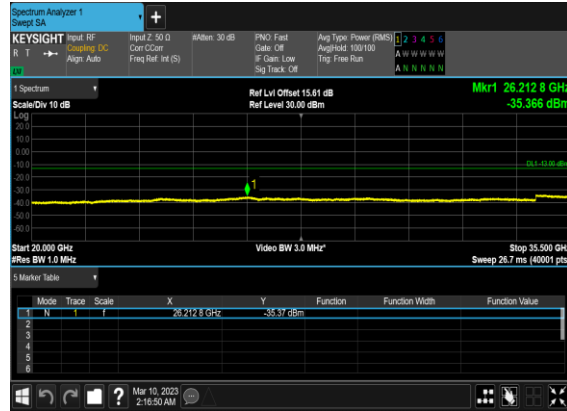
N77(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



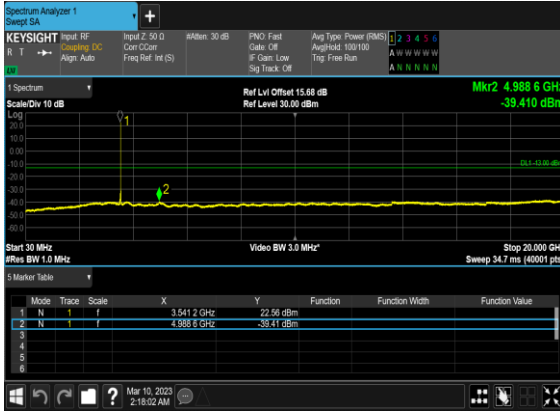
N77(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



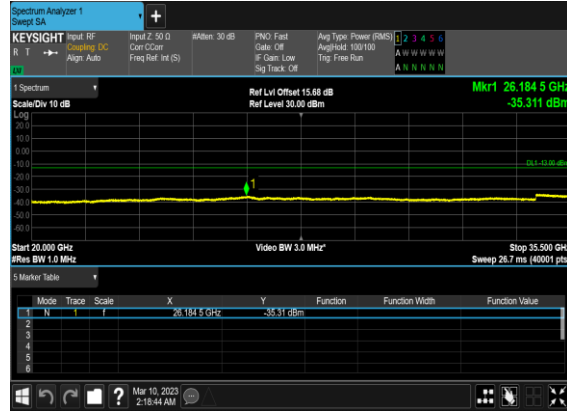
N77(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



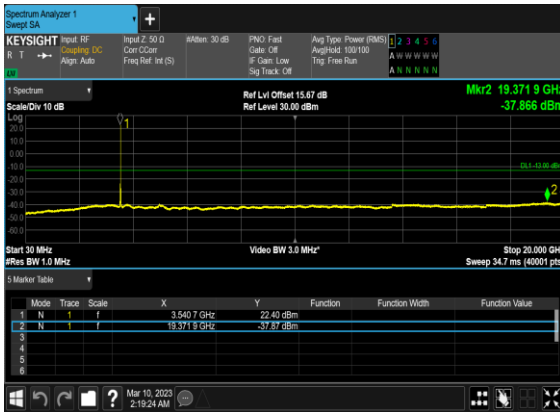
N77(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



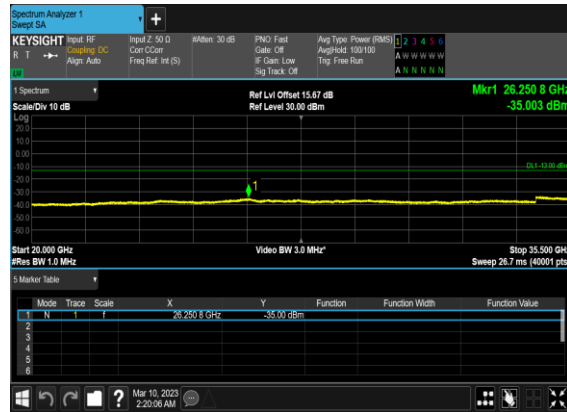
N77(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



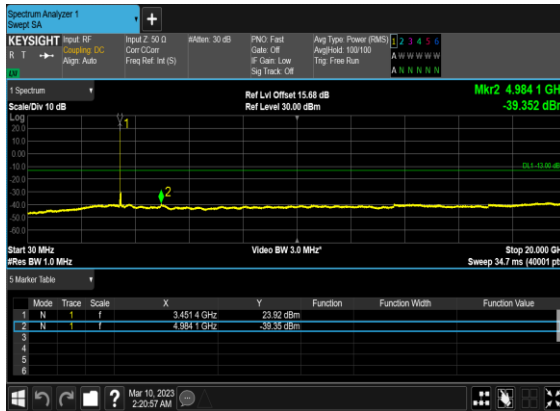
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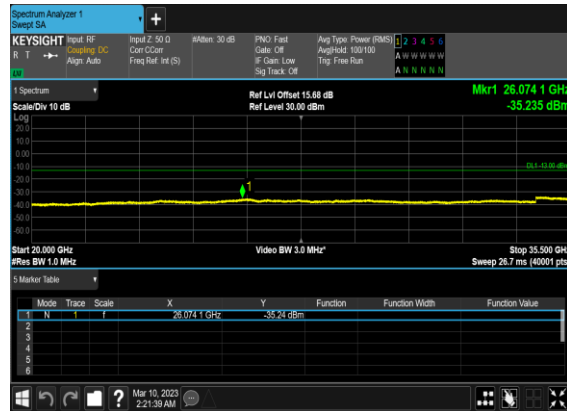
N77(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH



N77(50M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



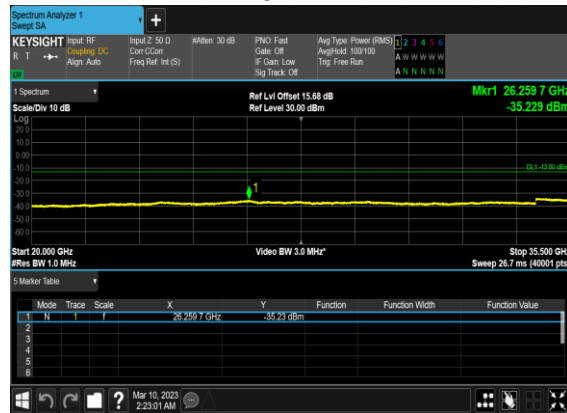
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N77(50M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



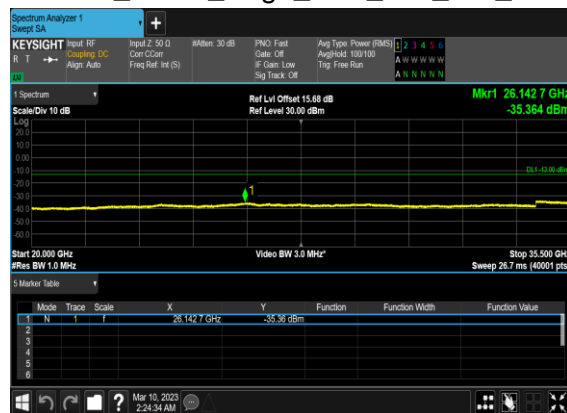
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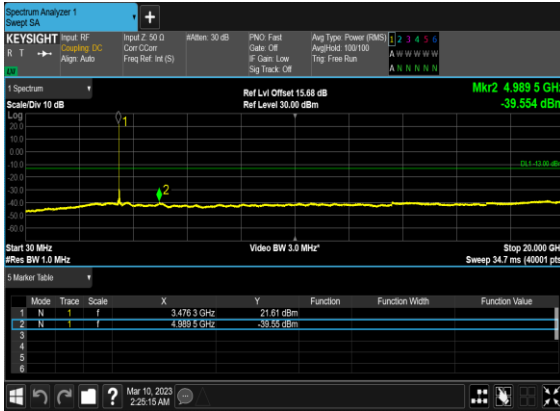
N77(50M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



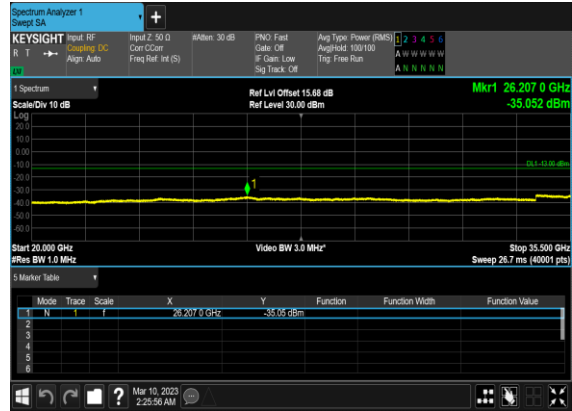
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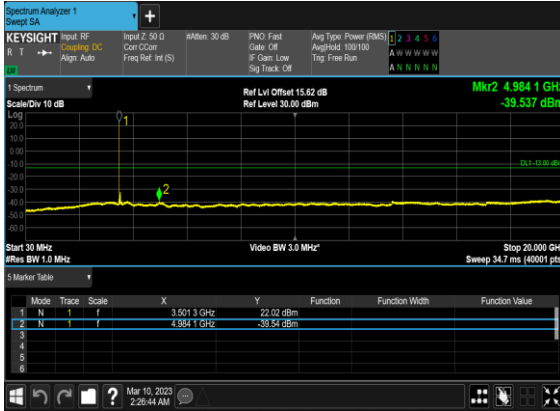
N77(50M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



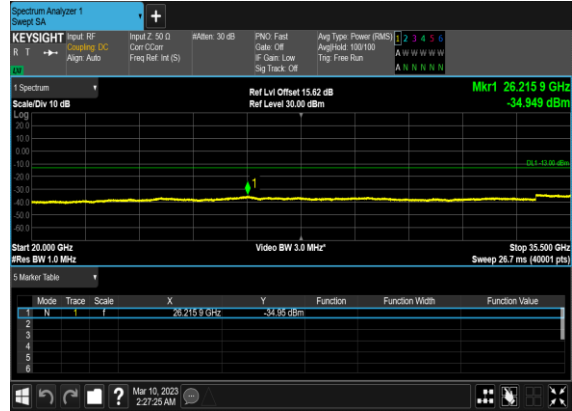
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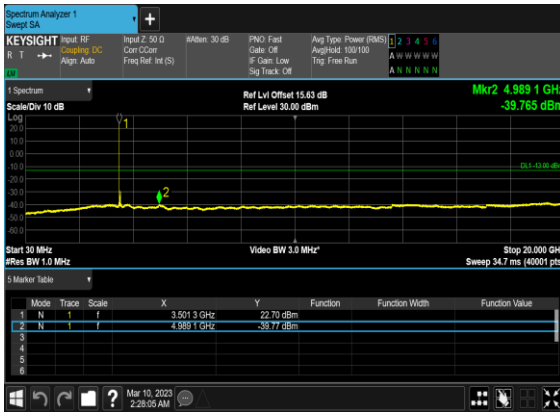
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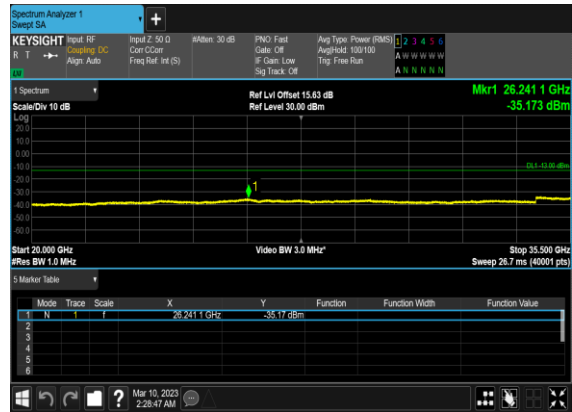
N77(50M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



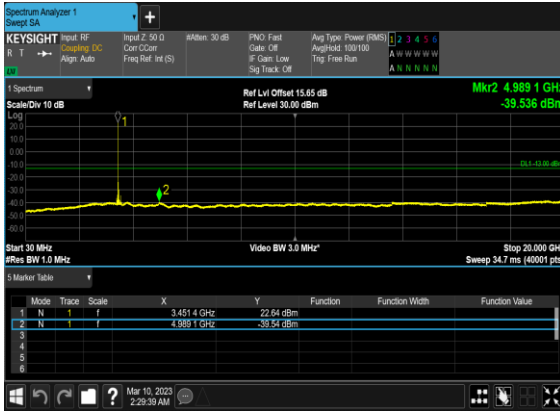
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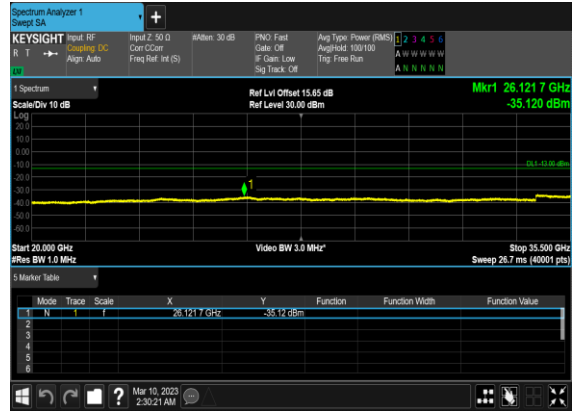
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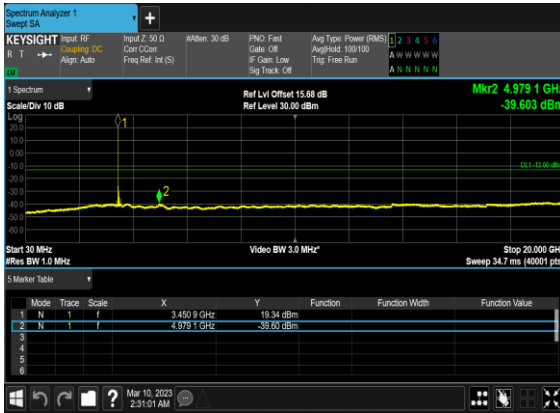
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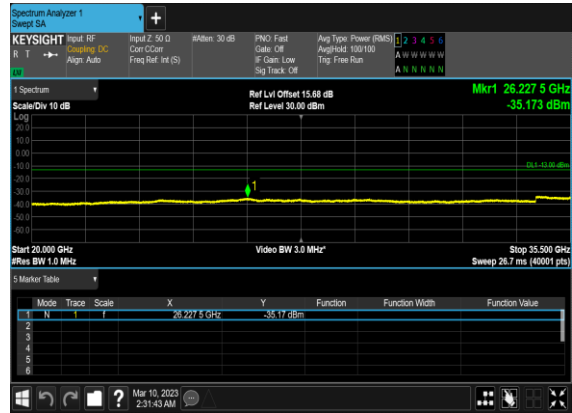
N77(100M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



N77(100M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



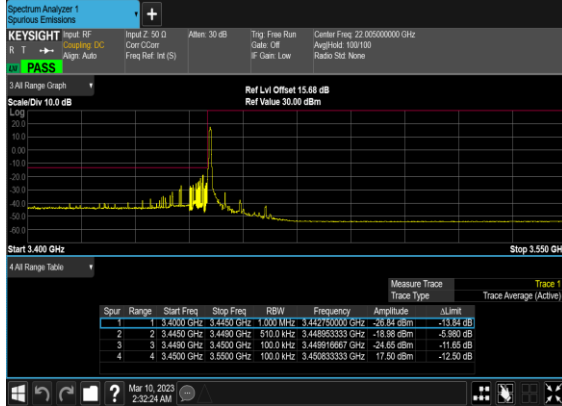
N77(100M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



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

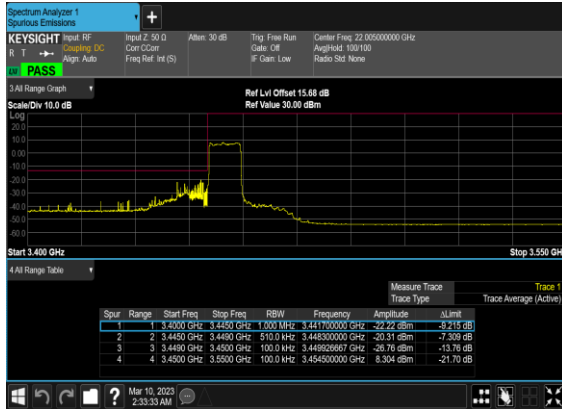
N77(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



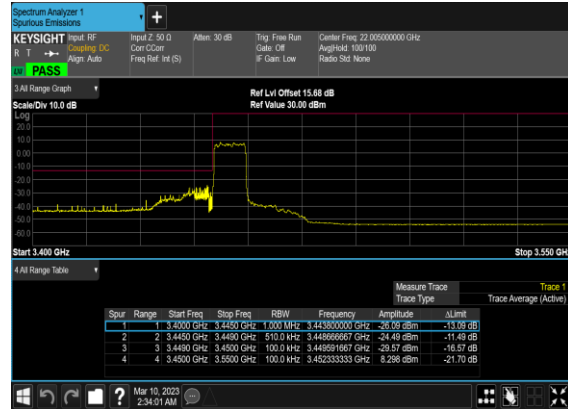
N77(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



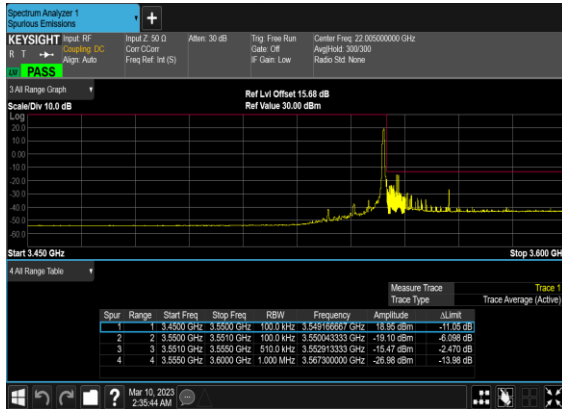
N77(10M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH



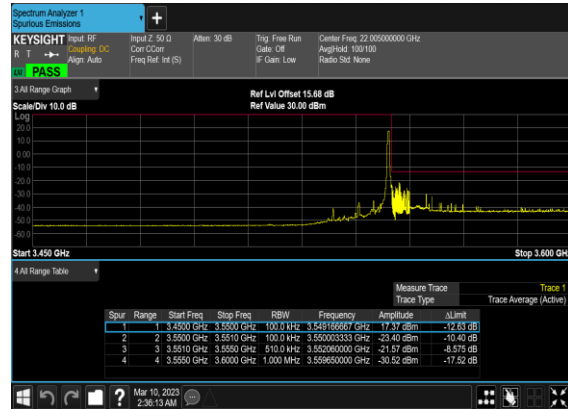
N77(10M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH



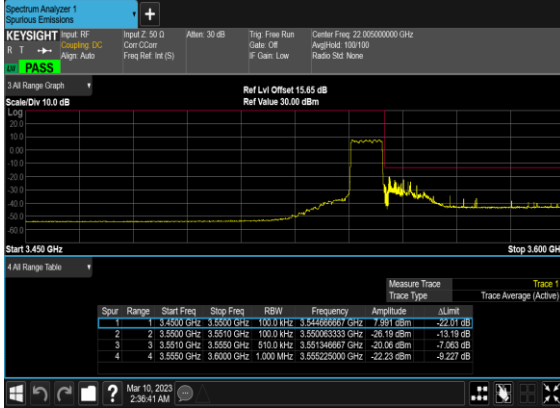
N77(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH



N77(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH



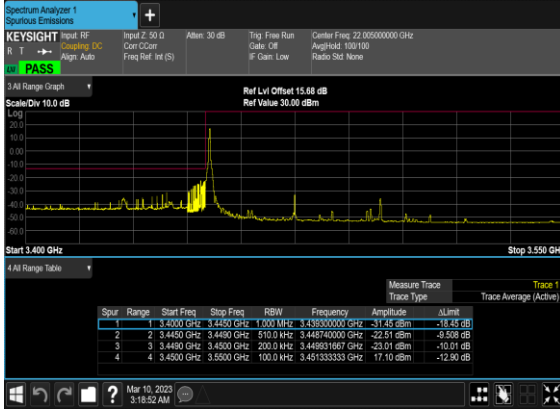
N77(10M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH



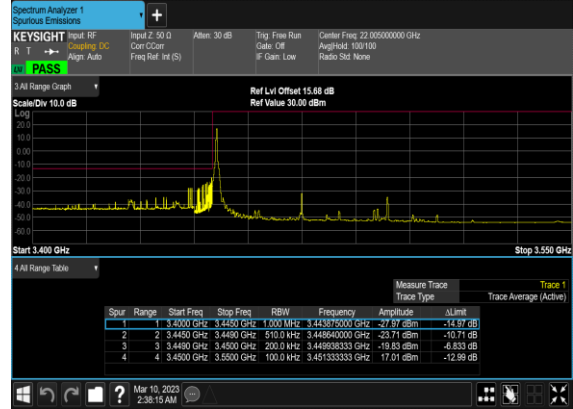
N77(10M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH



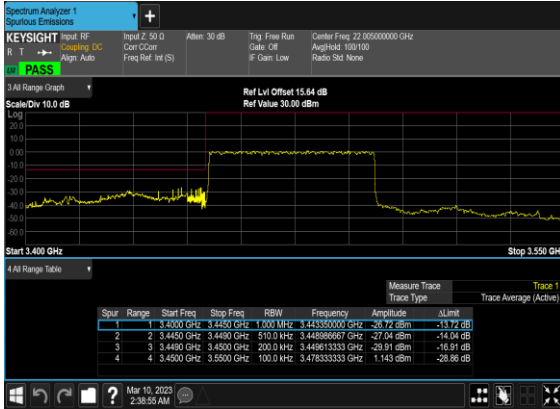
N77(50M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



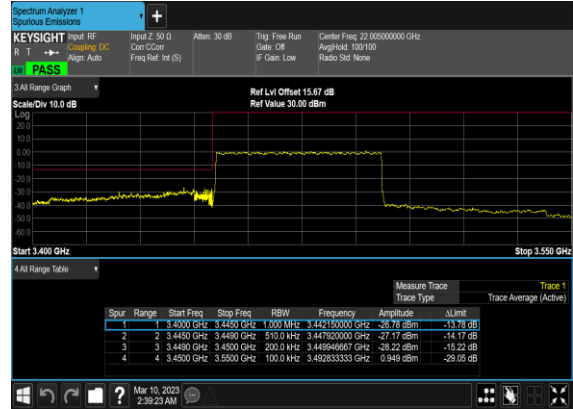
N77(50M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



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



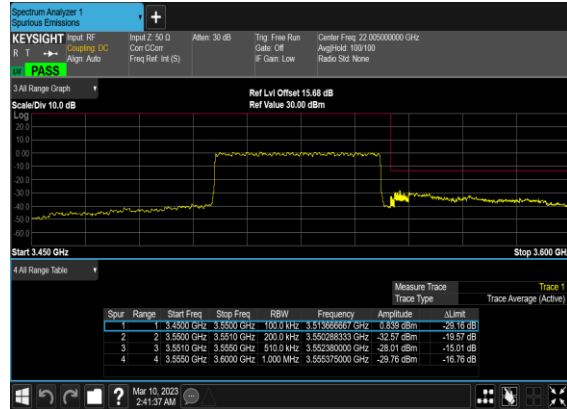
N77(50M)_DFT-s- OFDM_QPSK_Edge_1RB_Right_High_CH



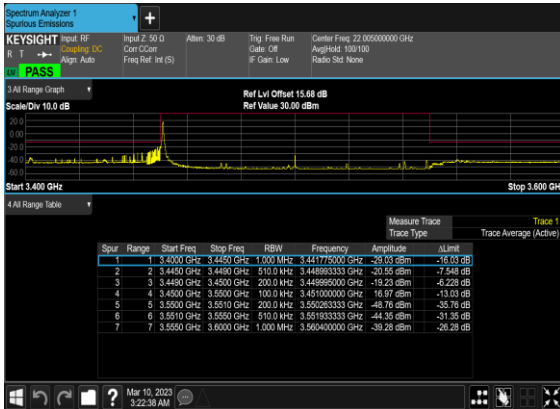
N77(50M)_DFT-s- OFDM_BPSK_Outer_Full_High_CH



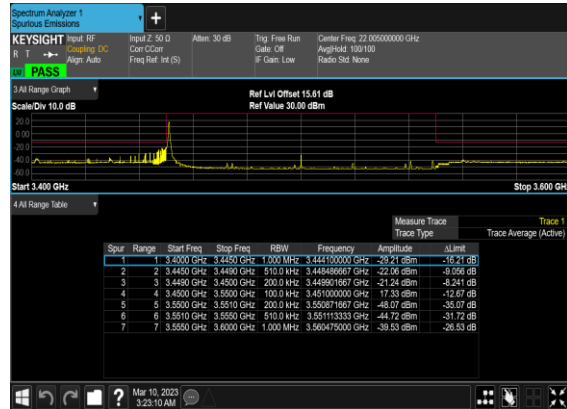
N77(50M)_DFT-s- OFDM_QPSK_Outer_Full_High_CH



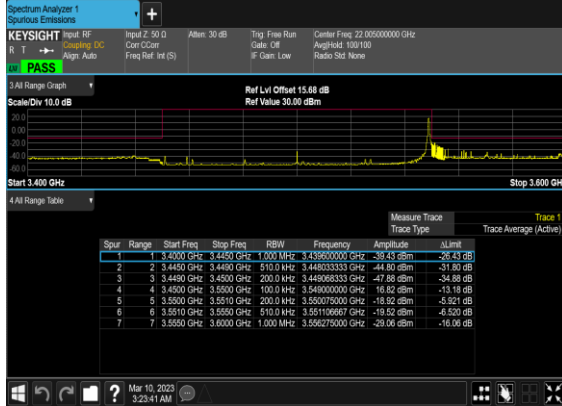
N77(100M)_DFT-s- OFDM_BPSK_Edge_1RB_Left_Mid_CH



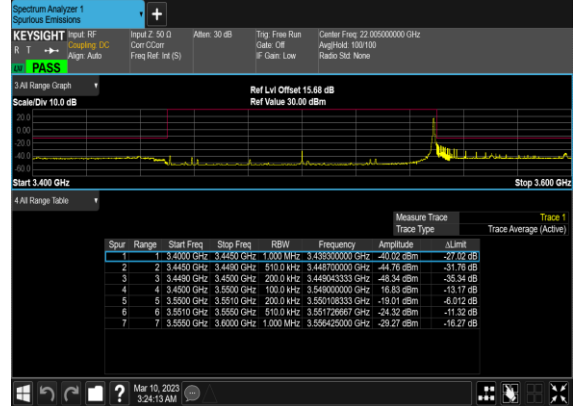
N77(100M)_DFT-s- OFDM_QPSK_Edge_1RB_Left_Mid_CH



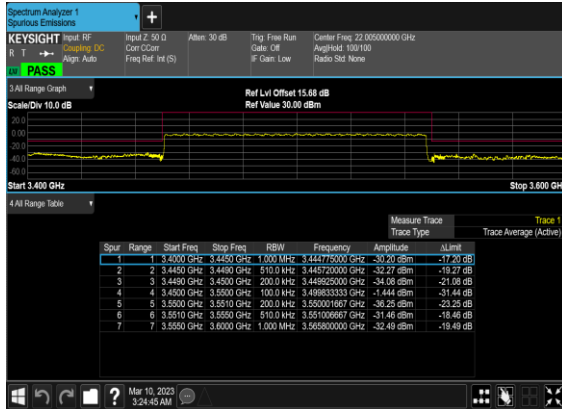
N77(100M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_Mid_CH



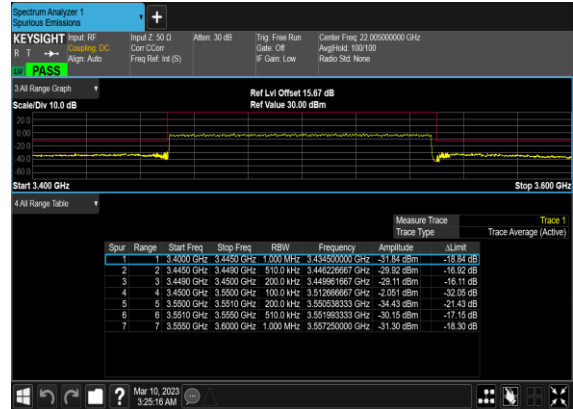
N77(100M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_Mid_CH



N77(100M)_DFT-s-OFDM_BPSK_Outer_Full_Mid_CH



N77(100M)_DFT-s-OFDM_QPSK_Outer_Full_Mid_CH



FR1 N77(MIMO ANT4+2) – SCS 15k

Transmitter Conducted Output Power And EIRP, ($G_T - L_C$)=-5.99dB

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	ANT4 Power (dBm)	ANT2 Power (dBm)	Conducted Power (dBm)	EIRP (dBm)	EIRP (W)
77	15	10	630334	3455.01	DFT-s-OFDM QPSK	1@1	25.42	25.56	28.50	22.51	0.1782
77	15	10	630334	3455.01	DFT-s-OFDM 16 QAM	1@1	24.51	24.51	27.52	21.53	0.1422
77	15	10	633334	3500.01	DFT-s-OFDM QPSK	1@1	25.15	25.93	28.57	22.58	0.1811
77	15	10	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	24.1	24.76	27.45	21.46	0.1400
77	15	10	636333	3544.995	DFT-s-OFDM QPSK	1@1	25.48	25.72	28.61	22.62	0.1828
77	15	10	636333	3544.995	DFT-s-OFDM 16 QAM	1@1	24.53	24.6	27.58	21.59	0.1442
77	15	15	630500	3457.5	DFT-s-OFDM QPSK	1@1	25.51	25.72	28.63	22.64	0.1837
77	15	15	630500	3457.5	DFT-s-OFDM 16 QAM	1@1	24.57	24.67	27.63	21.64	0.1459
77	15	15	633334	3500.01	DFT-s-OFDM QPSK	1@1	25.15	25.99	28.60	22.61	0.1824
77	15	15	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	24.23	24.86	27.57	21.58	0.1439
77	15	15	636166	3542.49	DFT-s-OFDM QPSK	1@1	25.51	25.68	28.61	22.62	0.1828
77	15	15	636166	3542.49	DFT-s-OFDM 16 QAM	1@1	24.61	24.58	27.61	21.62	0.1452
77	15	20	630667	3460.005	DFT-s-OFDM QPSK	1@1	25.52	25.74	28.64	22.65	0.1841
77	15	20	630667	3460.005	DFT-s-OFDM 16 QAM	1@1	24.64	24.78	27.72	21.73	0.1489
77	15	20	633334	3500.01	DFT-s-OFDM QPSK	1@1	25.19	25.81	28.52	22.53	0.1791
77	15	20	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	24.23	24.83	27.55	21.56	0.1432
77	15	20	636000	3540	DFT-s-OFDM QPSK	1@1	25.6	25.63	28.63	22.64	0.1837
77	15	20	636000	3540	DFT-s-OFDM 16 QAM	1@1	24.7	24.63	27.68	21.69	0.1476
77	15	25	630834	3462.51	DFT-s-OFDM QPSK	1@1	25.62	25.73	28.69	22.70	0.1862
77	15	25	630834	3462.51	DFT-s-OFDM 16 QAM	1@1	24.61	24.67	27.65	21.66	0.1466
77	15	25	633334	3500.01	DFT-s-OFDM QPSK	1@1	25.41	25.86	28.65	22.66	0.1845
77	15	25	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	24.09	24.7	27.42	21.43	0.1390
77	15	25	635833	3537.495	DFT-s-OFDM QPSK	1@1	25.71	25.42	28.58	22.59	0.1816
77	15	25	635833	3537.495	DFT-s-OFDM 16 QAM	1@1	24.71	24.45	27.59	21.60	0.1445
77	15	30	631000	3465	DFT-s-OFDM QPSK	1@1	25.72	25.77	28.76	22.77	0.1892
77	15	30	631000	3465	DFT-s-OFDM 16 QAM	1@1	24.55	24.82	27.70	21.71	0.1483
77	15	30	633334	3500.01	DFT-s-OFDM QPSK	1@1	25.42	25.8	28.62	22.63	0.1832
77	15	30	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	24.35	24.81	27.60	21.61	0.1449
77	15	30	635666	3534.99	DFT-s-OFDM QPSK	1@1	25.75	25.54	28.66	22.67	0.1849
77	15	30	635666	3534.99	DFT-s-OFDM 16 QAM	1@1	24.77	24.56	27.68	21.69	0.1476
77	15	40	631334	3470.01	DFT-s-OFDM QPSK	1@1	25.68	25.68	28.69	22.70	0.1862
77	15	40	631334	3470.01	DFT-s-OFDM 16 QAM	1@1	24.58	24.79	27.70	21.71	0.1483
77	15	40	633334	3500.01	DFT-s-OFDM QPSK	1@1	25.57	25.56	28.58	22.59	0.1816
77	15	40	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	24.57	24.68	27.64	21.65	0.1462
77	15	40	635333	3529.995	DFT-s-OFDM QPSK	1@1	25.6	25.79	28.71	22.72	0.1871

77	15	40	635333	3529.995	DFT-s-OFDM 16 QAM	1@1	24.49	24.7	27.61	21.62	0.1452
77	15	50	631667	3475.005	DFT-s-OFDM PI/2 BPSK	135@67	25.79	25.63	28.72	22.73	0.1875
77	15	50	631667	3475.005	DFT-s-OFDM PI/2 BPSK	1@1	25.62	25.72	28.68	22.69	0.1858
77	15	50	631667	3475.005	DFT-s-OFDM PI/2 BPSK	1@268	24.98	25.67	28.35	22.36	0.1722
77	15	50	631667	3475.005	DFT-s-OFDM QPSK	135@67	25.81	25.66	28.75	22.76	0.1888
77	15	50	631667	3475.005	DFT-s-OFDM QPSK	1@1	25.68	25.74	28.72	22.73	0.1875
77	15	50	631667	3475.005	DFT-s-OFDM QPSK	1@268	25.12	25.78	28.47	22.48	0.1770
77	15	50	631667	3475.005	DFT-s-OFDM 16 QAM	135@67	24.82	24.68	27.76	21.77	0.1503
77	15	50	631667	3475.005	DFT-s-OFDM 16 QAM	1@1	24.57	24.64	27.62	21.63	0.1455
77	15	50	631667	3475.005	DFT-s-OFDM 16 QAM	1@268	24.06	24.48	27.29	21.30	0.1349
77	15	50	631667	3475.005	DFT-s-OFDM 64 QAM	135@67	22.78	22.76	25.78	19.79	0.0953
77	15	50	631667	3475.005	DFT-s-OFDM 64 QAM	1@1	22.82	23.11	25.98	19.99	0.0998
77	15	50	631667	3475.005	DFT-s-OFDM 64 QAM	1@268	22.29	22.95	25.64	19.65	0.0923
77	15	50	631667	3475.005	DFT-s-OFDM 256 QAM	135@67	19.72	19.73	22.74	16.75	0.0473
77	15	50	631667	3475.005	DFT-s-OFDM 256 QAM	1@1	19.59	19.78	22.70	16.71	0.0469
77	15	50	631667	3475.005	DFT-s-OFDM 256 QAM	1@268	18.95	19.54	22.27	16.28	0.0425
77	15	50	631667	3475.005	CP-OFDM QPSK	135@67	24.19	24.09	27.15	21.16	0.1306
77	15	50	631667	3475.005	CP-OFDM QPSK	1@1	24.13	24.17	27.16	21.17	0.1309
77	15	50	631667	3475.005	CP-OFDM QPSK	1@268	23.47	24.13	26.82	20.83	0.1211
77	15	50	633334	3500.01	DFT-s-OFDM PI/2 BPSK	135@67	25.39	25.86	28.64	22.65	0.1841
77	15	50	633334	3500.01	DFT-s-OFDM PI/2 BPSK	1@1	25.76	25.72	28.75	22.76	0.1888
77	15	50	633334	3500.01	DFT-s-OFDM PI/2 BPSK	1@268	25.6	25.25	28.44	22.45	0.1758
77	15	50	633334	3500.01	DFT-s-OFDM QPSK	135@67	25.3	25.87	28.60	22.61	0.1824
77	15	50	633334	3500.01	DFT-s-OFDM QPSK	1@1	25.92	25.83	28.89	22.90	0.1950
77	15	50	633334	3500.01	DFT-s-OFDM QPSK	1@268	25.64	25.23	28.45	22.46	0.1762
77	15	50	633334	3500.01	DFT-s-OFDM 16 QAM	135@67	24.37	24.91	27.66	21.67	0.1469
77	15	50	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	24.73	24.8	27.78	21.79	0.1510
77	15	50	633334	3500.01	DFT-s-OFDM 16 QAM	1@268	24.39	24.09	27.25	21.26	0.1337
77	15	50	633334	3500.01	DFT-s-OFDM 64 QAM	135@67	22.28	22.9	25.61	19.62	0.0916
77	15	50	633334	3500.01	DFT-s-OFDM 64 QAM	1@1	23.09	22.92	26.02	20.03	0.1007
77	15	50	633334	3500.01	DFT-s-OFDM 64 QAM	1@268	22.88	22.6	25.75	19.76	0.0946
77	15	50	633334	3500.01	DFT-s-OFDM 256 QAM	135@67	19.33	19.85	22.61	16.62	0.0459
77	15	50	633334	3500.01	DFT-s-OFDM 256 QAM	1@1	19.74	19.59	22.68	16.69	0.0467
77	15	50	633334	3500.01	DFT-s-OFDM 256 QAM	1@268	19.53	19.1	22.33	16.34	0.0431
77	15	50	633334	3500.01	CP-OFDM QPSK	135@67	23.79	24.33	27.08	21.09	0.1285
77	15	50	633334	3500.01	CP-OFDM QPSK	1@1	24.2	24.24	27.23	21.24	0.1330
77	15	50	633334	3500.01	CP-OFDM QPSK	1@268	24.01	23.73	26.88	20.89	0.1227
77	15	50	635000	3525	DFT-s-OFDM PI/2 BPSK	135@67	25.81	25.51	28.67	22.68	0.1854
77	15	50	635000	3525	DFT-s-OFDM PI/2 BPSK	1@1	25.41	25.99	28.72	22.73	0.1875
77	15	50	635000	3525	DFT-s-OFDM PI/2 BPSK	1@268	25.31	25.25	28.29	22.30	0.1698
77	15	50	635000	3525	DFT-s-OFDM QPSK	135@67	25.73	25.56	28.66	22.67	0.1849
77	15	50	635000	3525	DFT-s-OFDM QPSK	1@1	25.35	26.05	28.72	22.73	0.1875
77	15	50	635000	3525	DFT-s-OFDM QPSK	1@268	25.4	25.35	28.39	22.40	0.1738
77	15	50	635000	3525	DFT-s-OFDM 16 QAM	135@67	24.79	24.51	27.66	21.67	0.1469

77	15	50	635000	3525	DFT-s-OFDM 16 QAM	1@1	24.24	25.08	27.69	21.70	0.1479
77	15	50	635000	3525	DFT-s-OFDM 16 QAM	1@268	24.35	24.2	27.29	21.30	0.1349
77	15	50	635000	3525	DFT-s-OFDM 64 QAM	135@67	22.79	22.53	25.67	19.68	0.0929
77	15	50	635000	3525	DFT-s-OFDM 64 QAM	1@1	22.59	23.18	25.91	19.92	0.0982
77	15	50	635000	3525	DFT-s-OFDM 64 QAM	1@268	22.68	22.57	25.64	19.65	0.0923
77	15	50	635000	3525	DFT-s-OFDM 256 QAM	135@67	19.61	19.48	22.56	16.57	0.0454
77	15	50	635000	3525	DFT-s-OFDM 256 QAM	1@1	19.14	19.9	22.55	16.56	0.0453
77	15	50	635000	3525	DFT-s-OFDM 256 QAM	1@268	19.36	19.36	22.37	16.38	0.0435
77	15	50	635000	3525	CP-OFDM QPSK	135@67	24.22	23.93	27.09	21.10	0.1288
77	15	50	635000	3525	CP-OFDM QPSK	1@1	23.81	24.43	27.14	21.15	0.1303
77	15	50	635000	3525	CP-OFDM QPSK	1@268	23.78	23.79	26.80	20.81	0.1205

FR1 N77(MIMO ANT2) – SCS 15k

Frequency Stability

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Deviation (ppm)	Verdict	Environment
77	15	20	633334	3500.01	DFT-s-OFDM QPSK	100@0	0.0042	PASS	NV
77	15	20	633334	3500.01	DFT-s-OFDM QPSK	100@0	0.0020	PASS	LV
77	15	20	633334	3500.01	DFT-s-OFDM QPSK	100@0	0.0051	PASS	HV
77	15	20	633334	3500.01	DFT-s-OFDM QPSK	100@0	0.0035	PASS	-30°C
77	15	20	633334	3500.01	DFT-s-OFDM QPSK	100@0	0.0055	PASS	-20°C
77	15	20	633334	3500.01	DFT-s-OFDM QPSK	100@0	0.0037	PASS	-10°C
77	15	20	633334	3500.01	DFT-s-OFDM QPSK	100@0	0.0022	PASS	0°C
77	15	20	633334	3500.01	DFT-s-OFDM QPSK	100@0	0.0035	PASS	10°C
77	15	20	633334	3500.01	DFT-s-OFDM QPSK	100@0	0.0042	PASS	20°C
77	15	20	633334	3500.01	DFT-s-OFDM QPSK	100@0	0.0046	PASS	30°C
77	15	20	633334	3500.01	DFT-s-OFDM QPSK	100@0	0.0047	PASS	40°C
77	15	20	633334	3500.01	DFT-s-OFDM QPSK	100@0	0.0036	PASS	50°C

Peak to Average Ratio

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result (dB)	Limit (dB)	Verdict
77	15	20	630667	3460.005	DFT-s-OFDM PI/2 BPSK	100@0	4.58	13	PASS
77	15	20	630667	3460.005	DFT-s-OFDM PI/2 BPSK	1@0	4.57	13	PASS
77	15	20	630667	3460.005	DFT-s-OFDM QPSK	100@0	5.88	13	PASS
77	15	20	630667	3460.005	DFT-s-OFDM QPSK	1@0	5.27	13	PASS
77	15	20	633334	3500.01	DFT-s-OFDM PI/2 BPSK	100@0	4.6	13	PASS
77	15	20	633334	3500.01	DFT-s-OFDM PI/2 BPSK	1@0	5.34	13	PASS
77	15	20	633334	3500.01	DFT-s-OFDM QPSK	100@0	5.92	13	PASS
77	15	20	633334	3500.01	DFT-s-OFDM QPSK	1@0	5.7	13	PASS
77	15	20	636000	3540.0	DFT-s-OFDM PI/2 BPSK	100@0	4.62	13	PASS
77	15	20	636000	3540.0	DFT-s-OFDM PI/2 BPSK	1@0	4.93	13	PASS
77	15	20	636000	3540.0	DFT-s-OFDM QPSK	100@0	5.95	13	PASS
77	15	20	636000	3540.0	DFT-s-OFDM QPSK	1@0	5.83	13	PASS

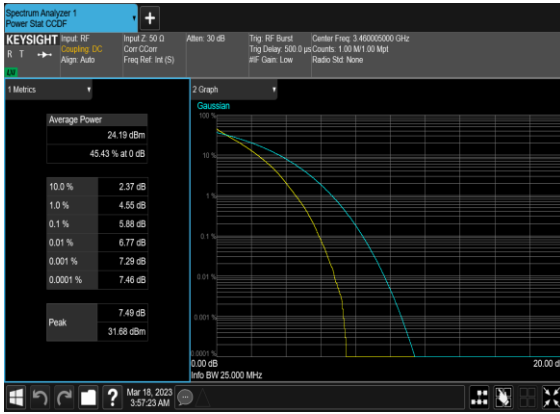
N77(20M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_Low_CH



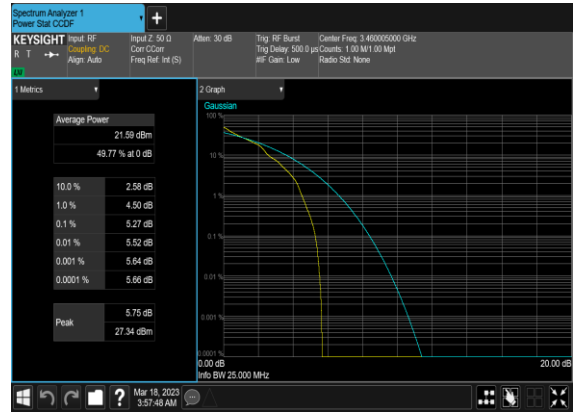
N77(20M)_DFT-s-OFDM_PI_2-BPSK_Edge_1RB_Left_Low_CH



N77(20M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH



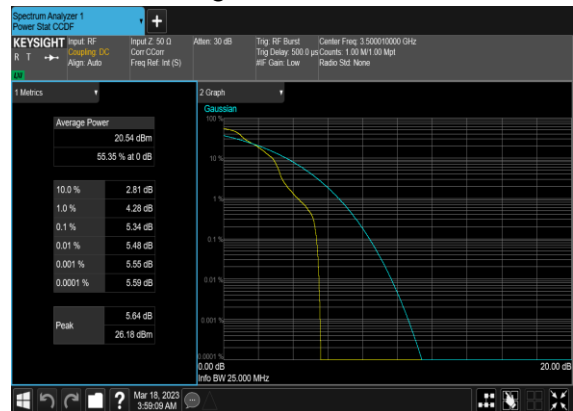
N77(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



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



N77(20M)_DFT-s-OFDM_PI_2-BPSK_Edge_1RB_Left_Mid_CH



N77(20M)_DFT-s-OFDM_QPSK_Outer_Full_Mid_CH



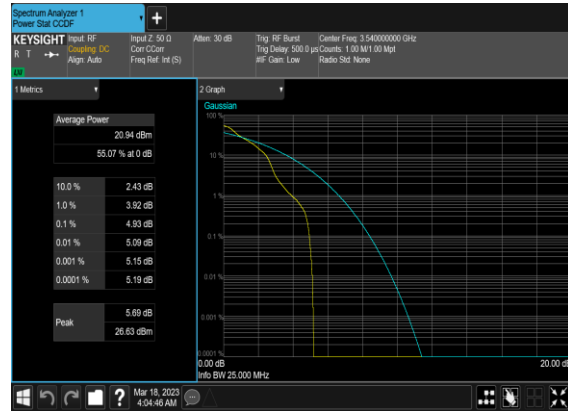
N77(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



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



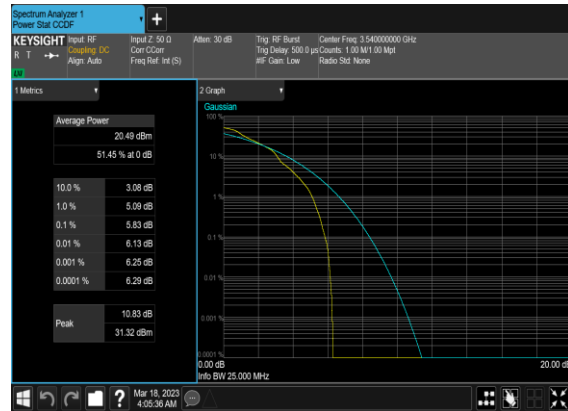
N77(20M)_DFT-s-OFDM_PI_2-BPSK_Edge_1RB_Left_High_CH



N77(20M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH



N77(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH

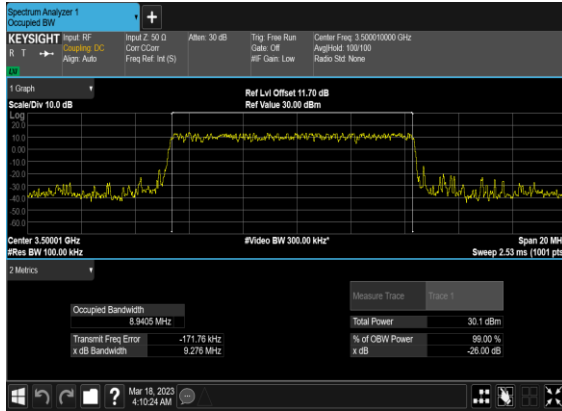


Occupied Bandwidth

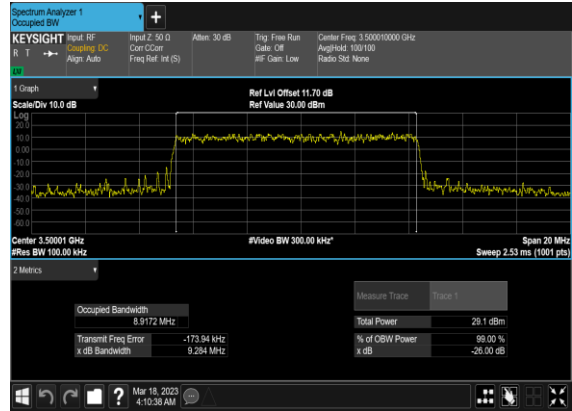
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	OBW (MHz)	26dB BW (MHz)
77	15	10	633334	3500.01	DFT-s-OFDM PI/2 BPSK	50@0	8.9405	9.276
77	15	10	633334	3500.01	DFT-s-OFDM QPSK	50@0	8.9172	9.284
77	15	10	633334	3500.01	CP-OFDM QPSK	52@0	9.2828	9.644
77	15	10	633334	3500.01	CP-OFDM 16 QAM	52@0	9.2451	9.625
77	15	10	633334	3500.01	CP-OFDM 64 QAM	52@0	9.2704	9.641
77	15	10	633334	3500.01	CP-OFDM 256 QAM	52@0	9.2643	9.581
77	15	15	633334	3500.01	DFT-s-OFDM PI/2 BPSK	75@0	13.402	13.93
77	15	15	633334	3500.01	DFT-s-OFDM QPSK	75@0	13.304	13.96
77	15	15	633334	3500.01	CP-OFDM QPSK	79@0	14.09	14.67
77	15	15	633334	3500.01	CP-OFDM 16 QAM	79@0	14.124	14.79
77	15	15	633334	3500.01	CP-OFDM 64 QAM	79@0	14.102	14.87
77	15	15	633334	3500.01	CP-OFDM 256 QAM	79@0	14.059	15.09
77	15	20	633334	3500.01	DFT-s-OFDM PI/2 BPSK	100@0	17.846	18.53
77	15	20	633334	3500.01	DFT-s-OFDM QPSK	100@0	17.886	18.45
77	15	20	633334	3500.01	CP-OFDM QPSK	106@0	18.925	19.61
77	15	20	633334	3500.01	CP-OFDM 16 QAM	106@0	18.835	19.69
77	15	20	633334	3500.01	CP-OFDM 64 QAM	106@0	18.871	19.6
77	15	20	633334	3500.01	CP-OFDM 256 QAM	106@0	18.946	19.62
77	15	25	633334	3500.01	DFT-s-OFDM PI/2 BPSK	128@0	22.761	23.65
77	15	25	633334	3500.01	DFT-s-OFDM QPSK	128@0	22.943	23.7
77	15	25	633334	3500.01	CP-OFDM QPSK	133@0	23.691	24.52
77	15	25	633334	3500.01	CP-OFDM 16 QAM	133@0	23.74	24.48
77	15	25	633334	3500.01	CP-OFDM 64 QAM	133@0	23.707	24.5
77	15	25	633334	3500.01	CP-OFDM 256 QAM	133@0	23.818	24.55

77	15	30	633334	3500.01	DFT-s-OFDM PI/2 BPSK	160@0	28.556	29.49
77	15	30	633334	3500.01	DFT-s-OFDM QPSK	160@0	28.634	29.52
77	15	30	633334	3500.01	CP-OFDM QPSK	160@0	28.55	29.82
77	15	30	633334	3500.01	CP-OFDM 16 QAM	160@0	28.532	29.64
77	15	30	633334	3500.01	CP-OFDM 64 QAM	160@0	28.49	29.47
77	15	30	633334	3500.01	CP-OFDM 256 QAM	160@0	28.539	29.49
77	15	40	633334	3500.01	DFT-s-OFDM PI/2 BPSK	216@0	38.609	39.86
77	15	40	633334	3500.01	DFT-s-OFDM QPSK	216@0	38.656	39.91
77	15	40	633334	3500.01	CP-OFDM QPSK	216@0	38.475	39.82
77	15	40	633334	3500.01	CP-OFDM 16 QAM	216@0	38.57	39.94
77	15	40	633334	3500.01	CP-OFDM 64 QAM	216@0	38.636	40.05
77	15	40	633334	3500.01	CP-OFDM 256 QAM	216@0	38.514	39.74
77	15	50	633334	3500.01	DFT-s-OFDM PI/2 BPSK	270@0	48.257	49.79
77	15	50	633334	3500.01	DFT-s-OFDM QPSK	270@0	48.163	49.86
77	15	50	633334	3500.01	CP-OFDM QPSK	270@0	48.165	49.73
77	15	50	633334	3500.01	CP-OFDM 16 QAM	270@0	48.129	49.81
77	15	50	633334	3500.01	CP-OFDM 64 QAM	270@0	48.087	49.77
77	15	50	633334	3500.01	CP-OFDM 256 QAM	270@0	48.178	49.77

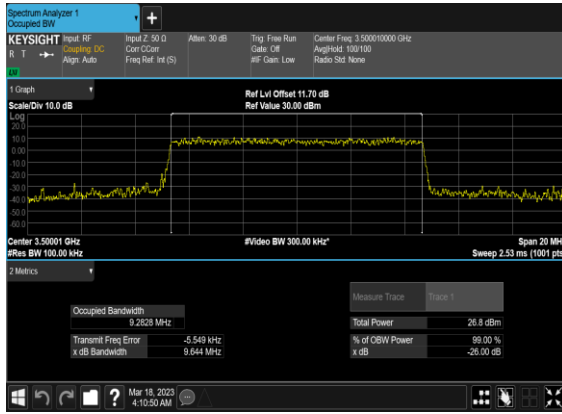
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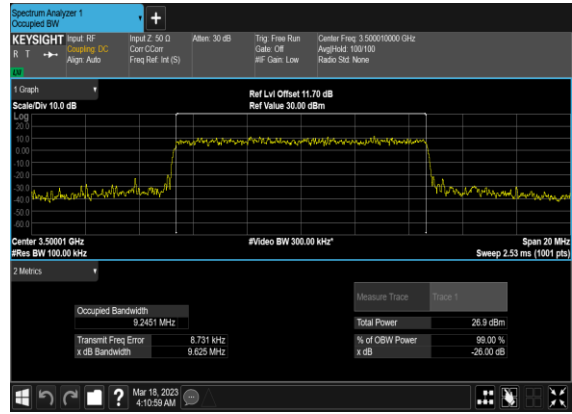
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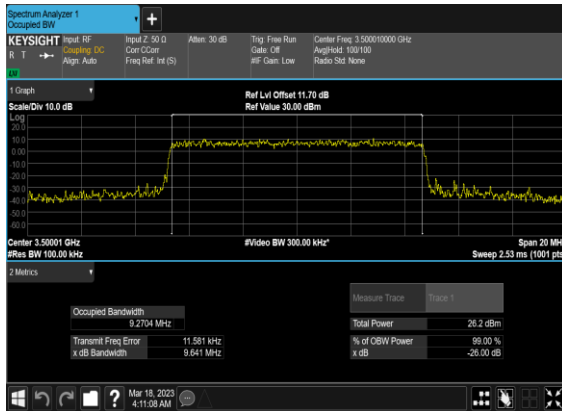
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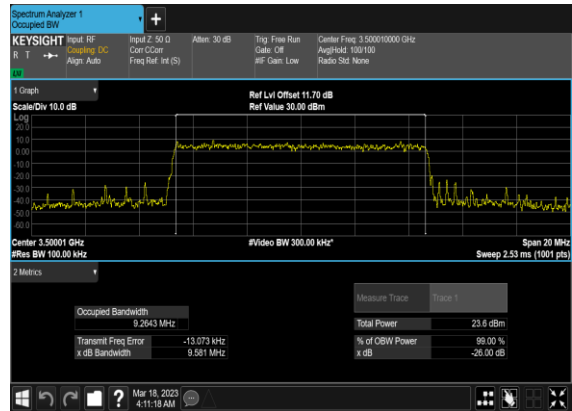
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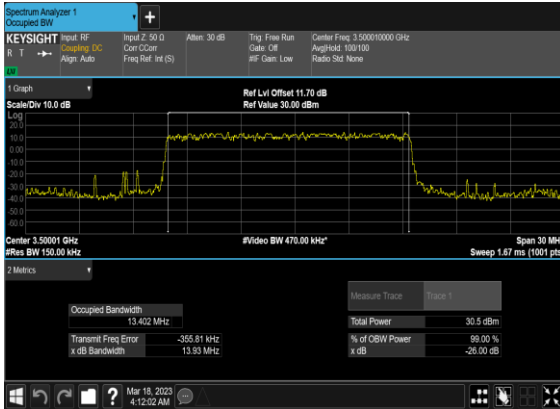
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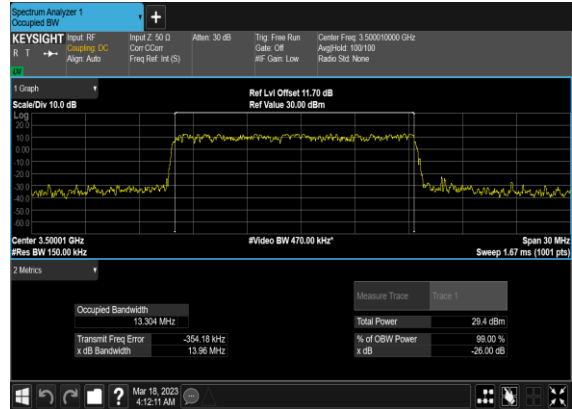
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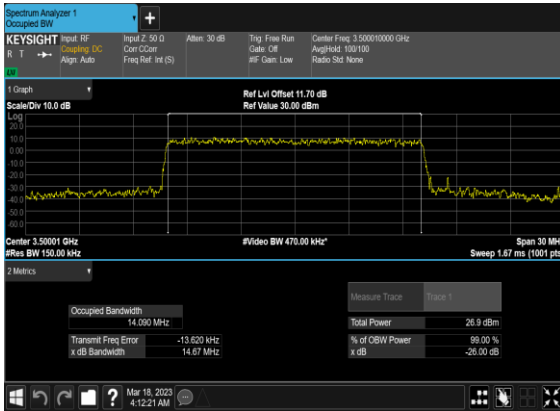
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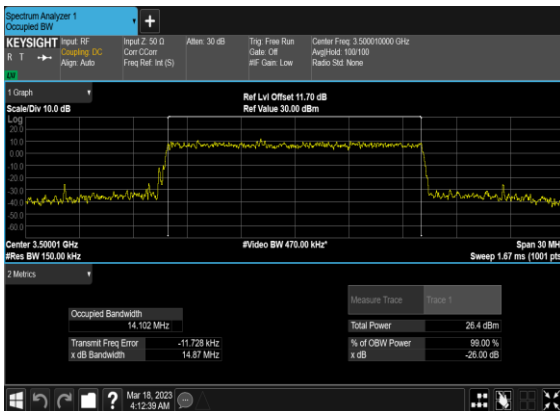
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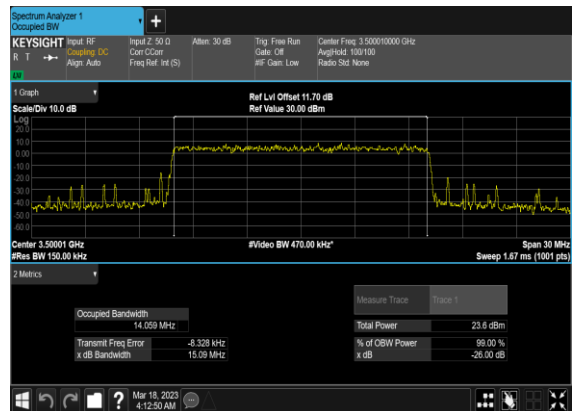
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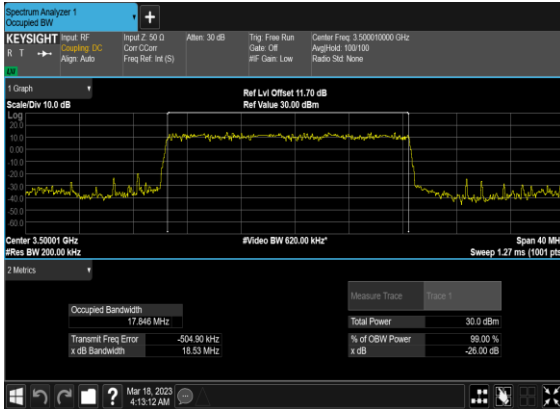
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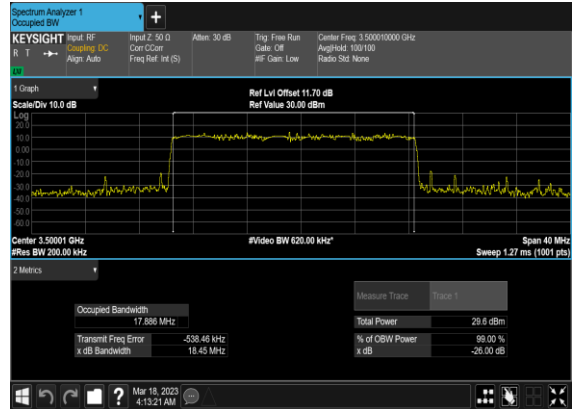
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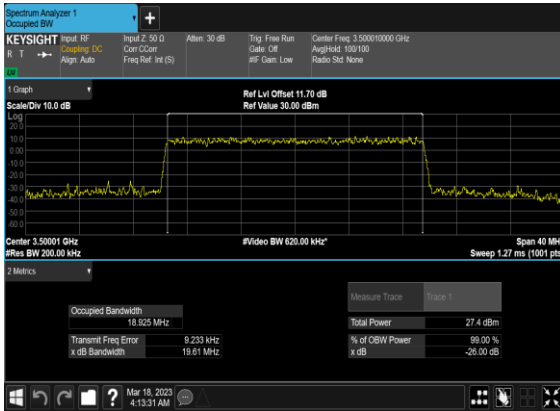
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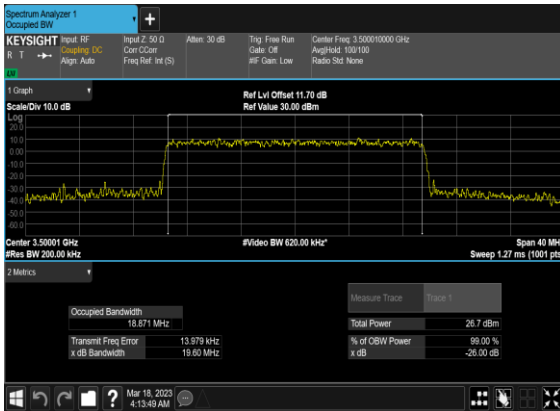
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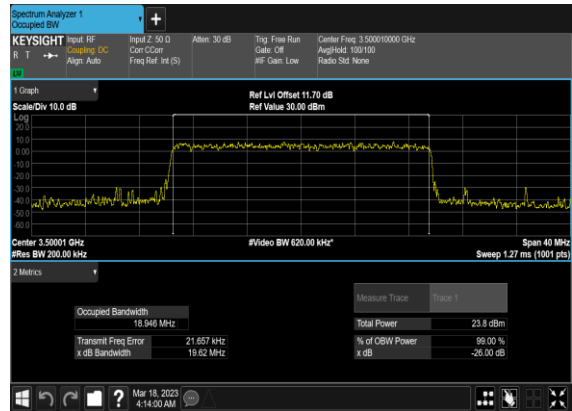
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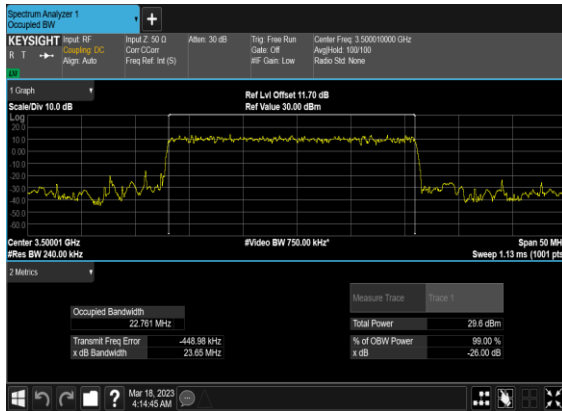
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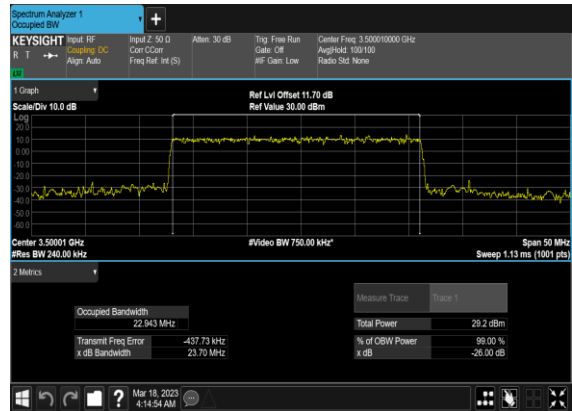
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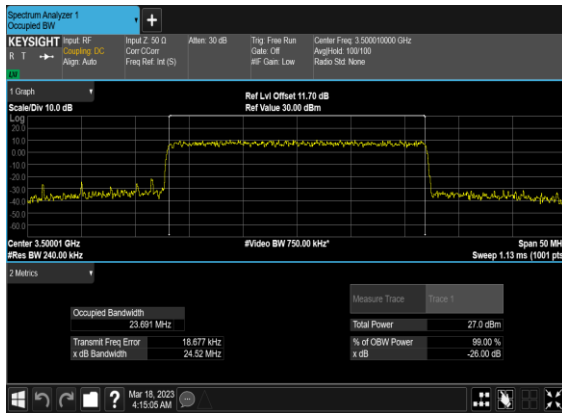
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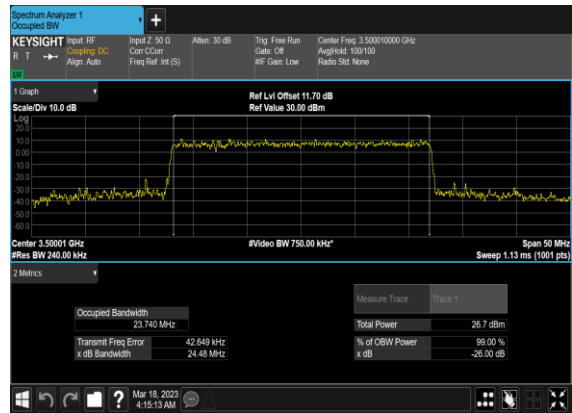
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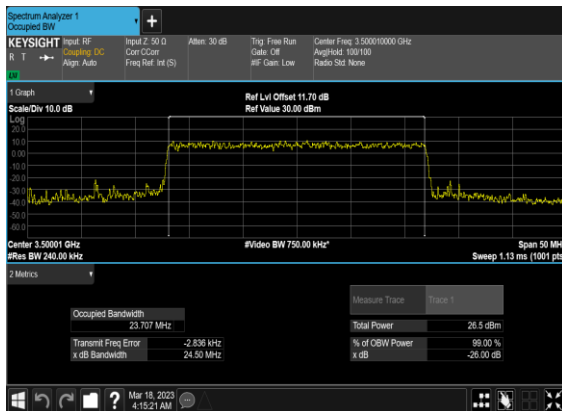
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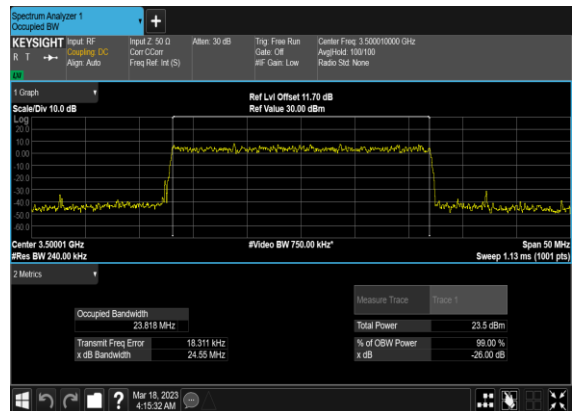
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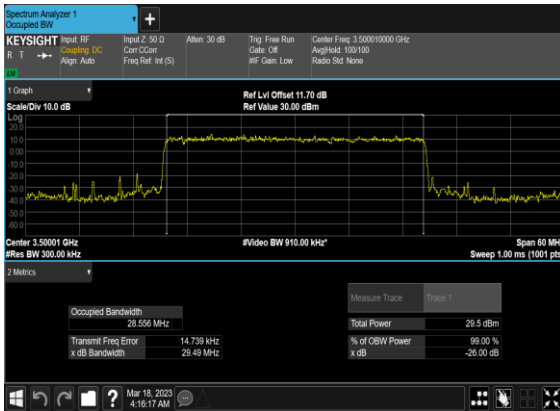
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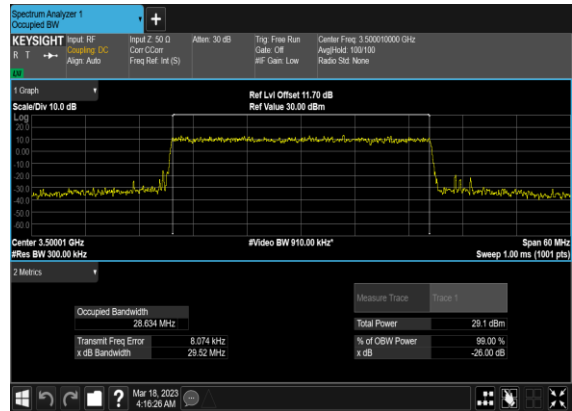
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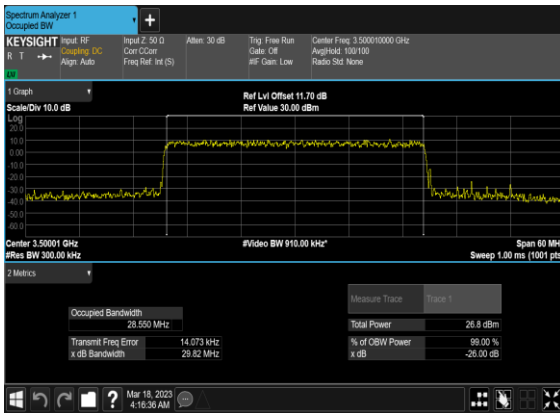
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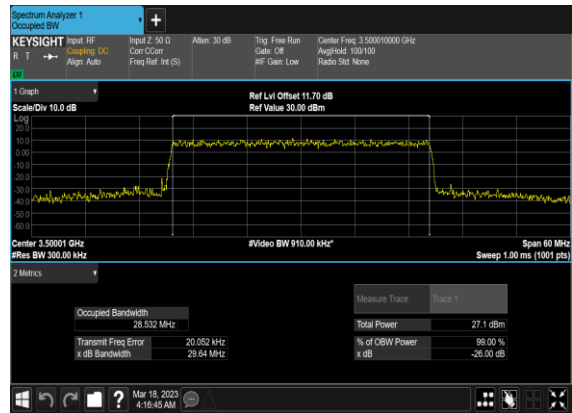
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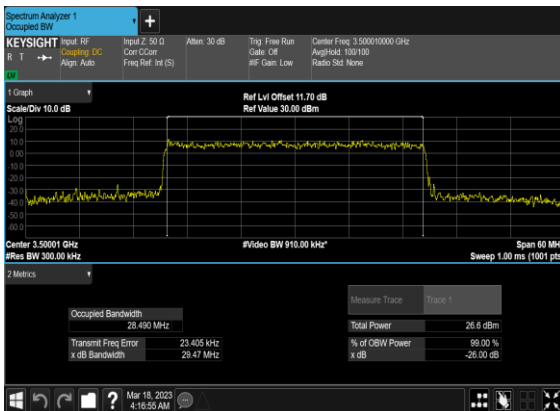
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N77(30M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH



N77(30M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH

