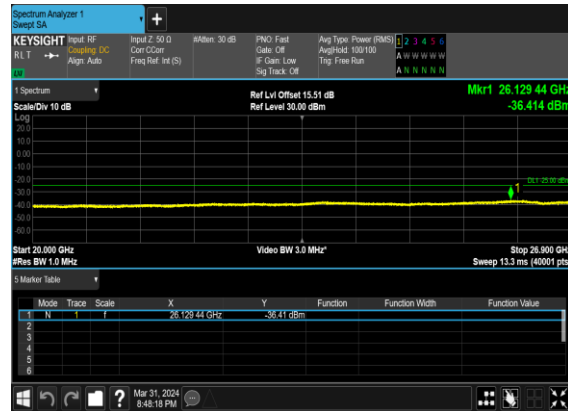


N41(10M)_DFT-s- OFDM_BPSK_Edge_1RB_Left_Low_CH



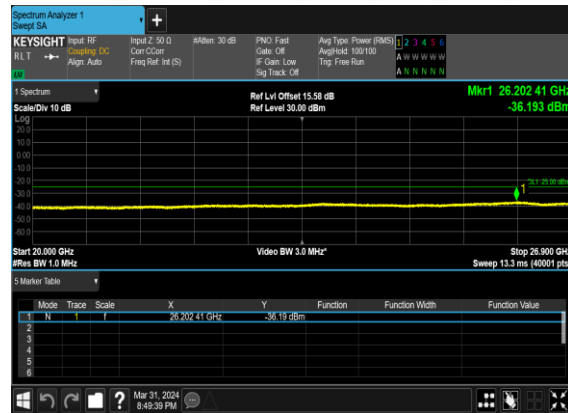
N41(10M)_DFT-s- OFDM_BPSK_Edge_1RB_Left_Low_CH



N41(10M)_DFT-s- OFDM_QPSK_Edge_1RB_Left_Low_CH



N41(10M)_DFT-s- OFDM_QPSK_Edge_1RB_Left_Low_CH



N41(10M)_DFT-s- OFDM_BPSK_Edge_1RB_Left_Mid_CH



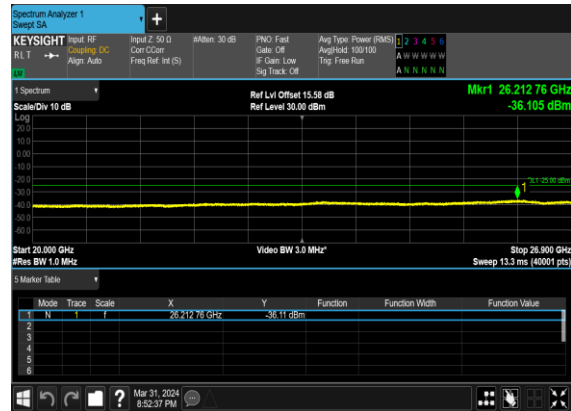
N41(10M)_DFT-s- OFDM_BPSK_Edge_1RB_Left_Mid_CH



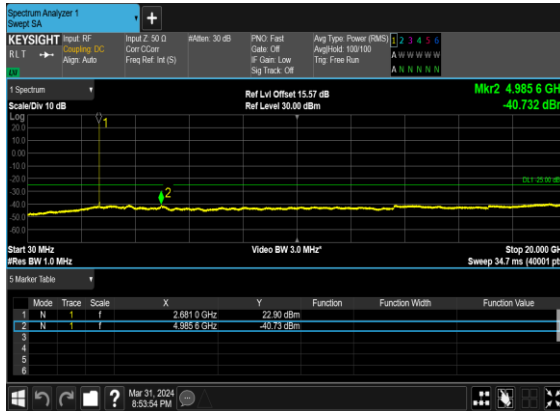
N41(10M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Mid_CH



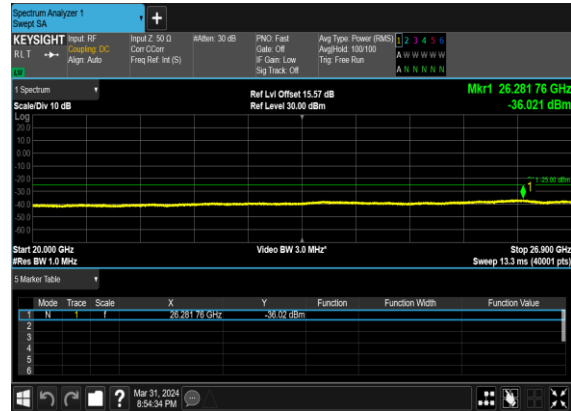
N41(10M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Mid_CH



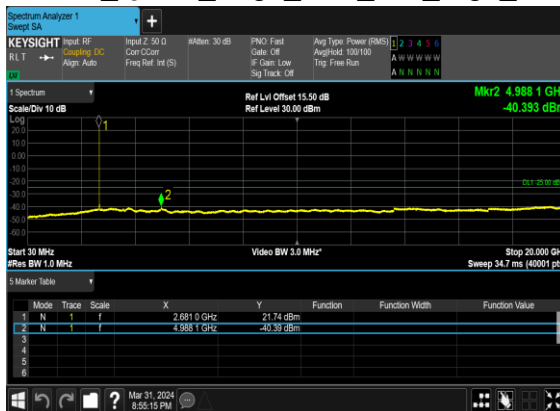
N41(10M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_High_CH



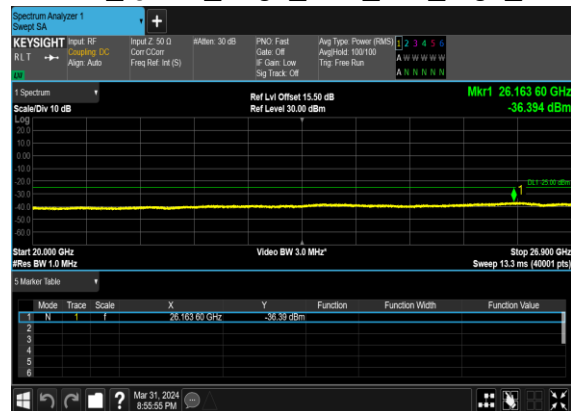
N41(10M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_High_CH



N41(10M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_High_CH



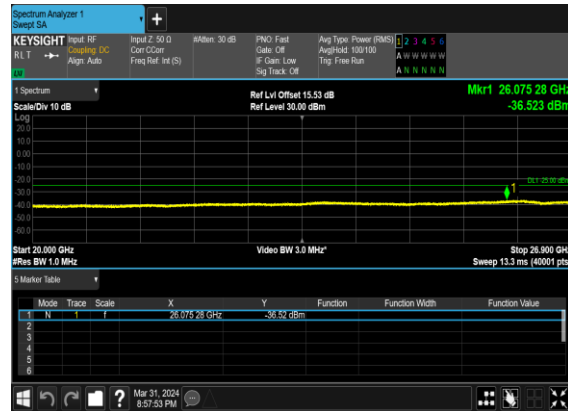
N41(10M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_High_CH



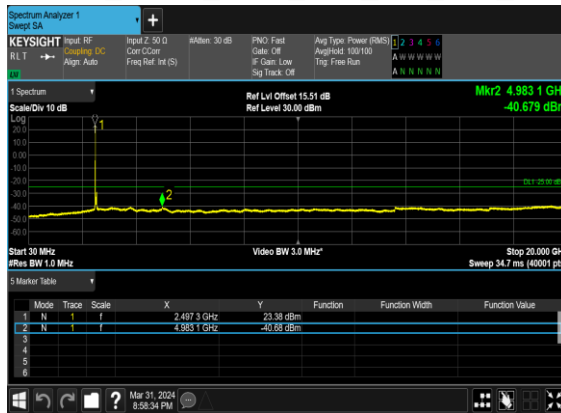
N41(50M)_DFT-s- OFDM_BPSK_Edge_1RB_Left_Low_CH



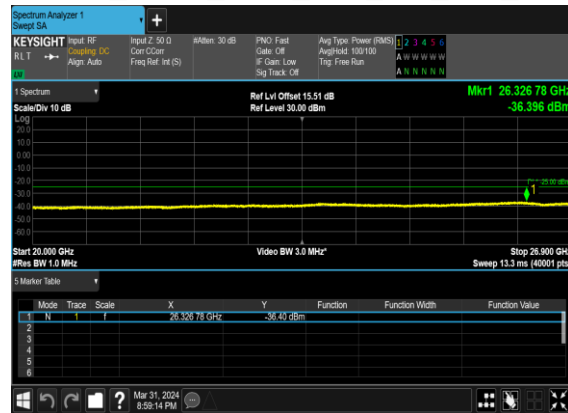
N41(50M)_DFT-s- OFDM_BPSK_Edge_1RB_Left_Low_CH



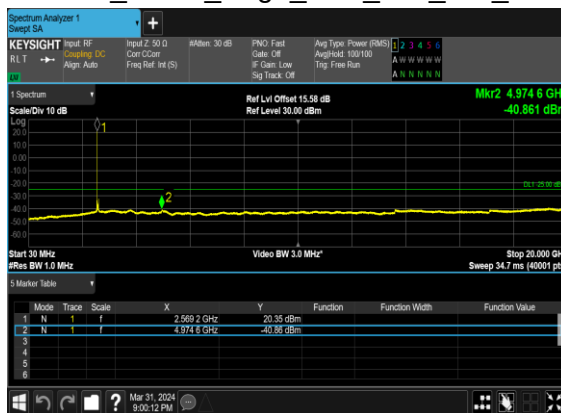
N41(50M)_DFT-s- OFDM_QPSK_Edge_1RB_Left_Low_CH



N41(50M)_DFT-s- OFDM_QPSK_Edge_1RB_Left_Low_CH



N41(50M)_DFT-s- OFDM_BPSK_Edge_1RB_Left_Mid_CH



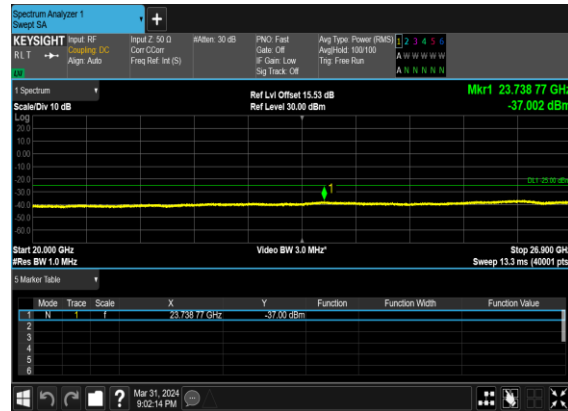
N41(50M)_DFT-s- OFDM_BPSK_Edge_1RB_Left_Mid_CH



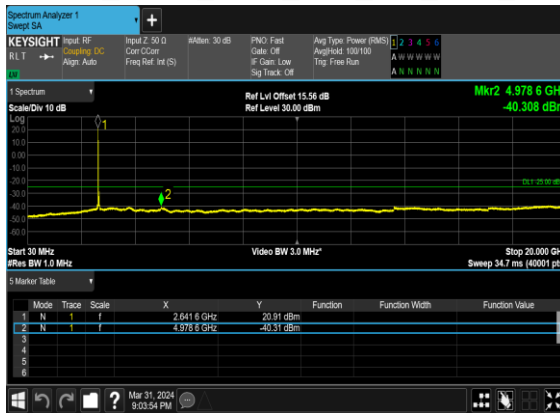
N41(50M)_DFT-s- OFDM_QPSK_Edge_1RB_Left_Mid_CH



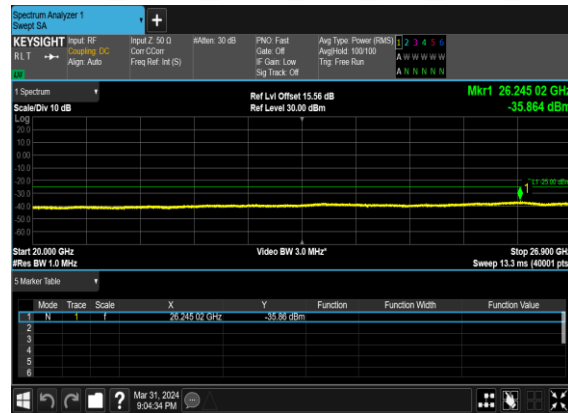
N41(50M)_DFT-s- OFDM_QPSK_Edge_1RB_Left_Mid_CH



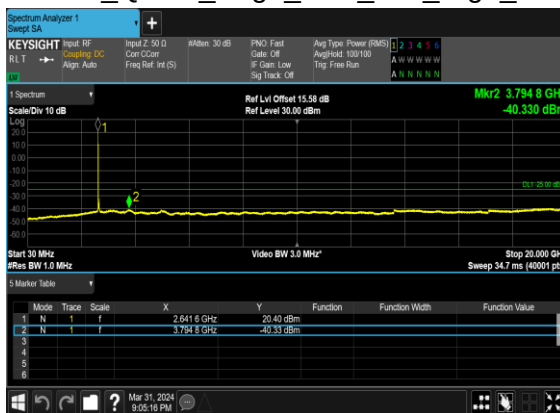
N41(50M)_DFT-s- OFDM_BPSK_Edge_1RB_Left_High_CH



N41(50M)_DFT-s- OFDM_BPSK_Edge_1RB_Left_High_CH



N41(50M)_DFT-s- OFDM_QPSK_Edge_1RB_Left_High_CH



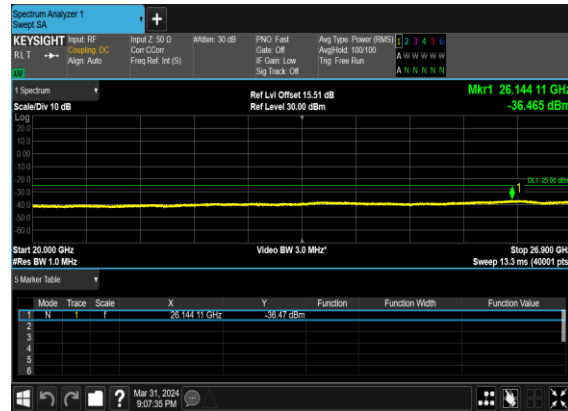
N41(50M)_DFT-s- OFDM_QPSK_Edge_1RB_Left_High_CH



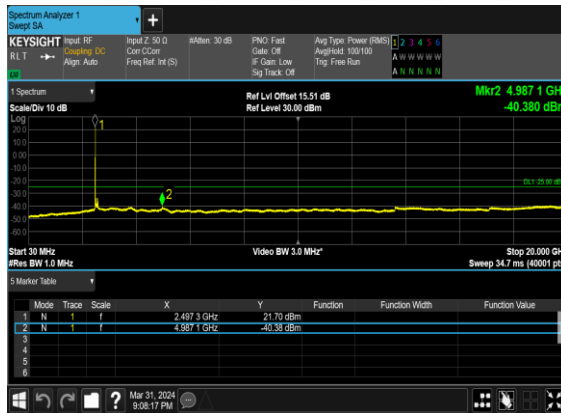
N41(100M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



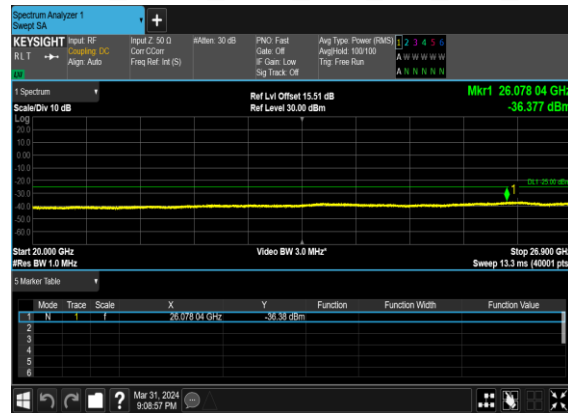
N41(100M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



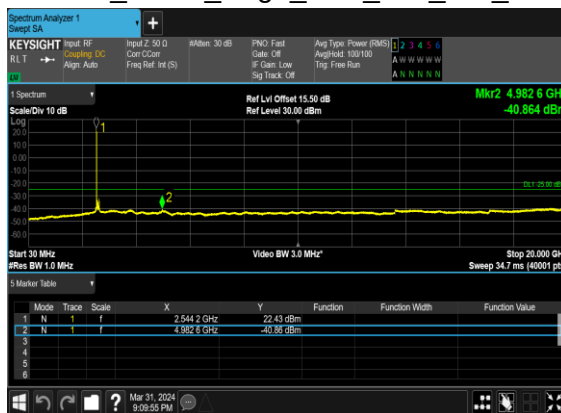
N41(100M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH



N41(100M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH



N41(100M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Mid_CH



N41(100M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Mid_CH



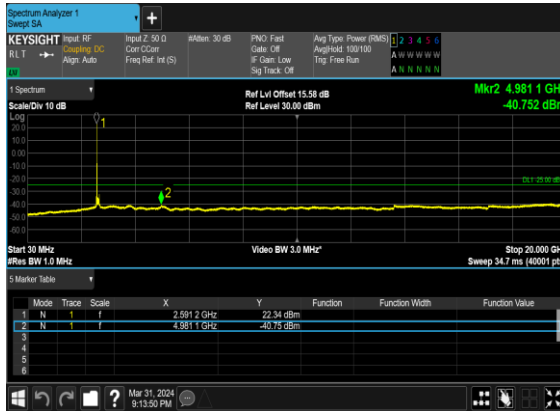
N41(100M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Mid_CH



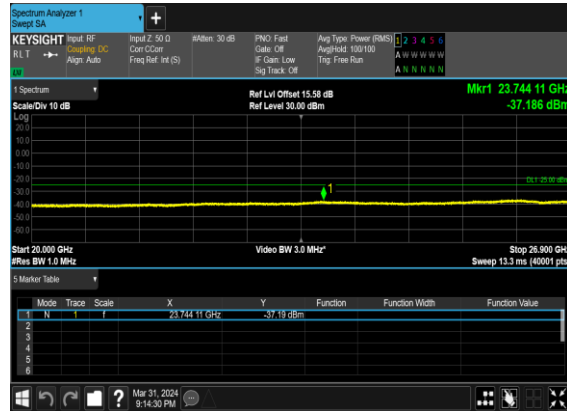
N41(100M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Mid_CH



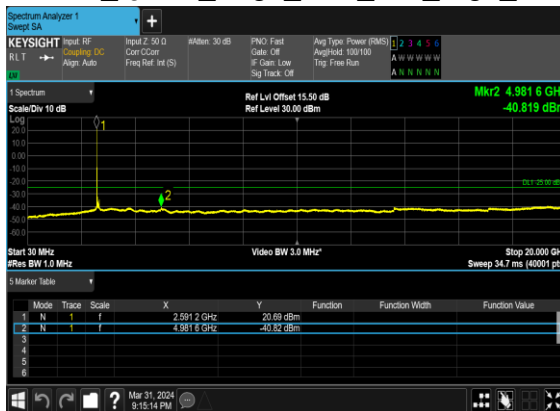
N41(100M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_High_CH



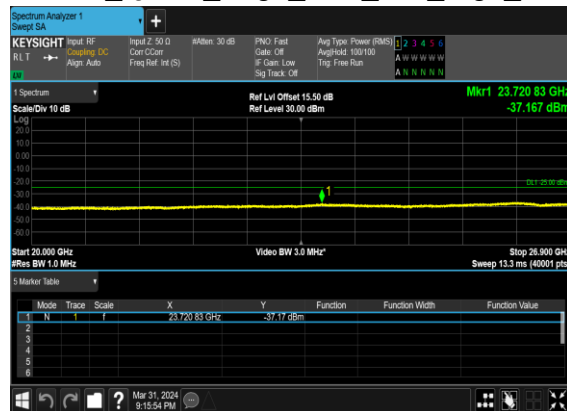
N41(100M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_High_CH



N41(100M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_High_CH



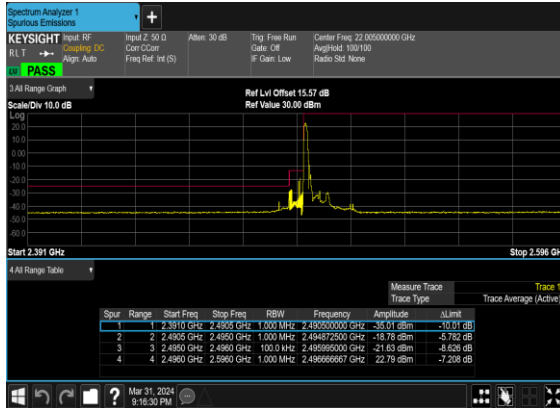
N41(100M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_High_CH



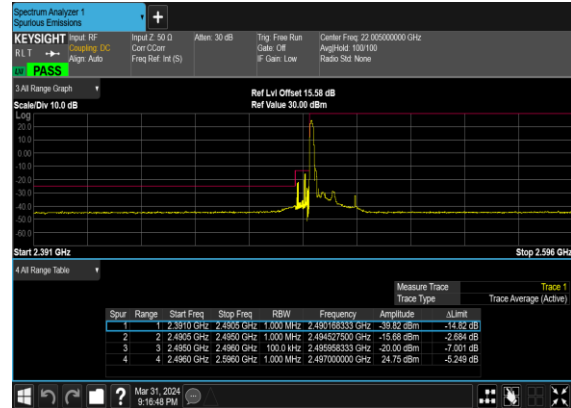
Conducted Band Edge

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
41	30	10	500202	2501.01	DFT-s-OFDM BPSK	1@0	see graph	PASS
41	30	10	500202	2501.01	DFT-s-OFDM QPSK	1@0	see graph	PASS
41	30	10	500202	2501.01	DFT-s-OFDM BPSK	24@0	see graph	PASS
41	30	10	500202	2501.01	DFT-s-OFDM QPSK	24@0	see graph	PASS
41	30	10	537000	2685.0	DFT-s-OFDM BPSK	1@23	see graph	PASS
41	30	10	537000	2685.0	DFT-s-OFDM QPSK	1@23	see graph	PASS
41	30	10	537000	2685.0	DFT-s-OFDM BPSK	24@0	see graph	PASS
41	30	10	537000	2685.0	DFT-s-OFDM QPSK	24@0	see graph	PASS
41	30	50	504204	2521.02	DFT-s-OFDM BPSK	1@0	see graph	PASS
41	30	50	504204	2521.02	DFT-s-OFDM QPSK	1@0	see graph	PASS
41	30	50	504204	2521.02	DFT-s-OFDM BPSK	128@0	see graph	PASS
41	30	50	504204	2521.02	DFT-s-OFDM QPSK	128@0	see graph	PASS
41	30	50	532998	2664.99	DFT-s-OFDM BPSK	1@132	see graph	PASS
41	30	50	532998	2664.99	DFT-s-OFDM QPSK	1@132	see graph	PASS
41	30	50	532998	2664.99	DFT-s-OFDM BPSK	128@0	see graph	PASS
41	30	50	532998	2664.99	DFT-s-OFDM QPSK	128@0	see graph	PASS
41	30	100	509202	2546.01	DFT-s-OFDM BPSK	1@0	see graph	PASS
41	30	100	509202	2546.01	DFT-s-OFDM QPSK	1@0	see graph	PASS
41	30	100	509202	2546.01	DFT-s-OFDM BPSK	270@0	see graph	PASS
41	30	100	509202	2546.01	DFT-s-OFDM QPSK	270@0	see graph	PASS
41	30	100	528000	2640.0	DFT-s-OFDM BPSK	1@272	see graph	PASS
41	30	100	528000	2640.0	DFT-s-OFDM QPSK	1@272	see graph	PASS
41	30	100	528000	2640.0	DFT-s-OFDM BPSK	270@0	see graph	PASS
41	30	100	528000	2640.0	DFT-s-OFDM QPSK	270@0	see graph	PASS

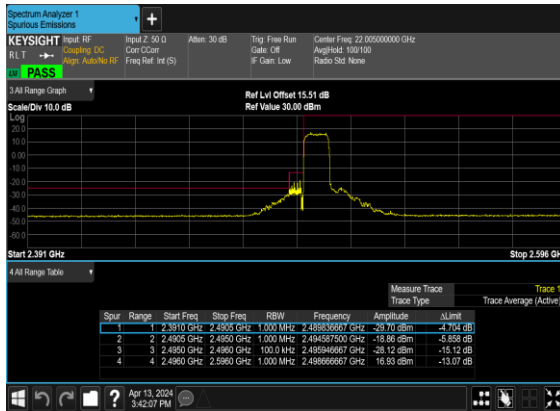
N41(10M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



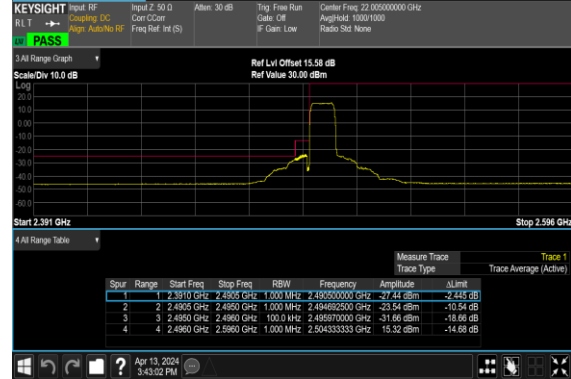
N41(10M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH



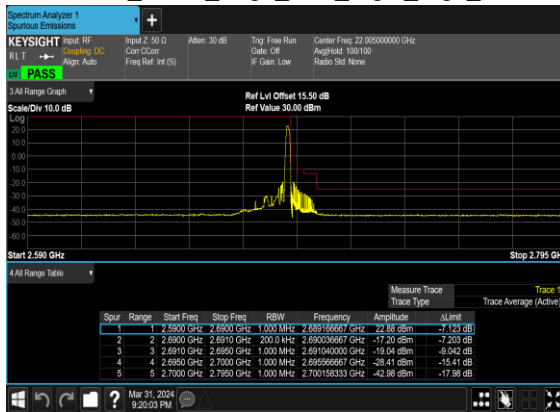
N41(10M)_DFT-s-
OFDM_BPSK_Outer_Full_Low_CH



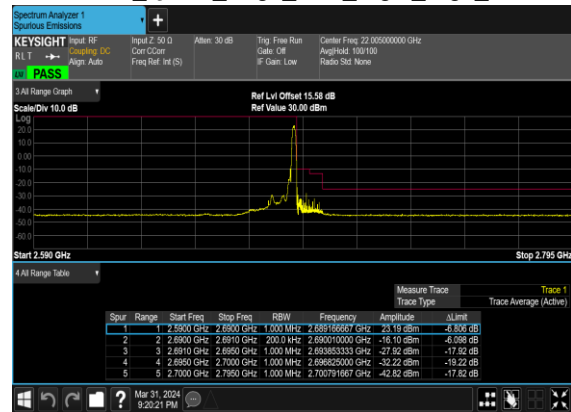
N41(10M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH



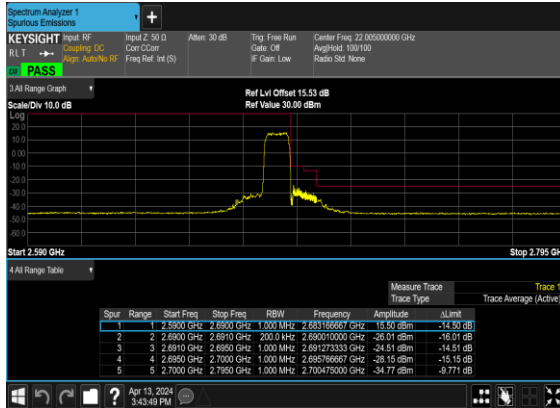
N41(10M)_DFT-s-
OFDM_BPSK_Edge_1RB_Right_High_CH



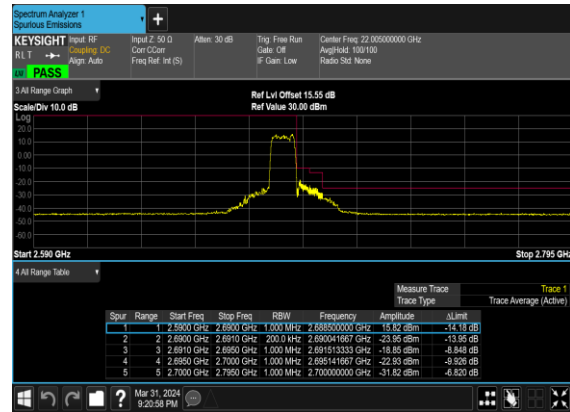
N41(10M)_DFT-s-
OFDM_QPSK_Edge_1RB_Right_High_CH



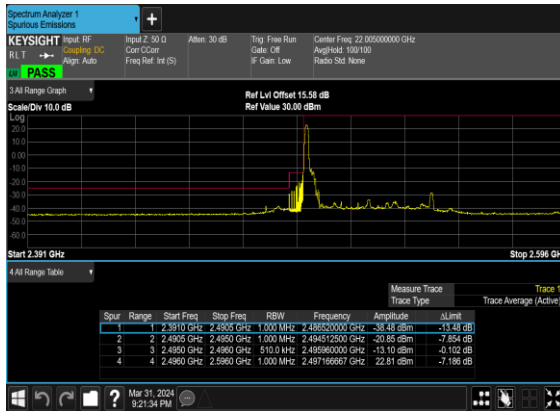
N41(10M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH



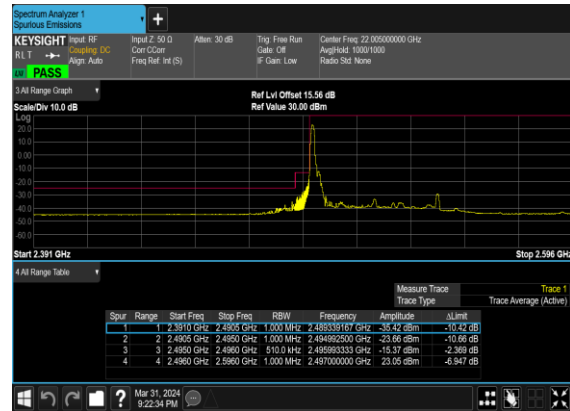
N41(10M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH



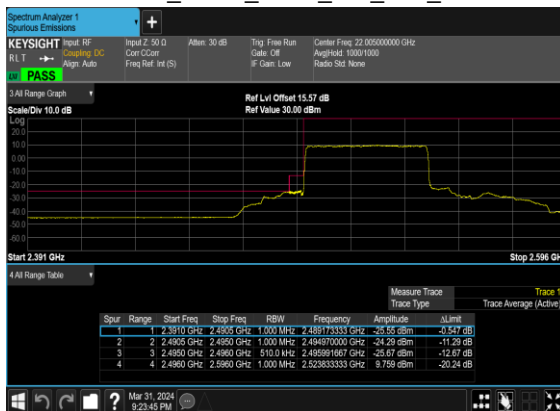
N41(50M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



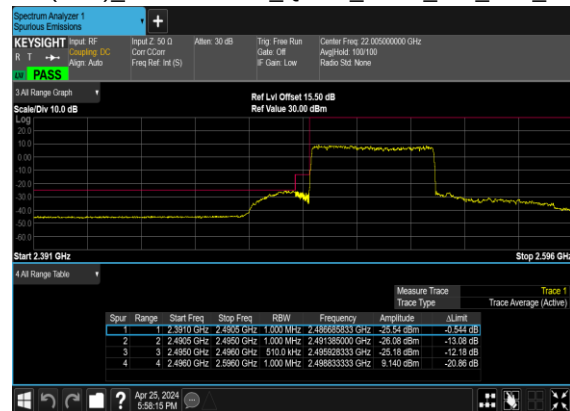
N41(50M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



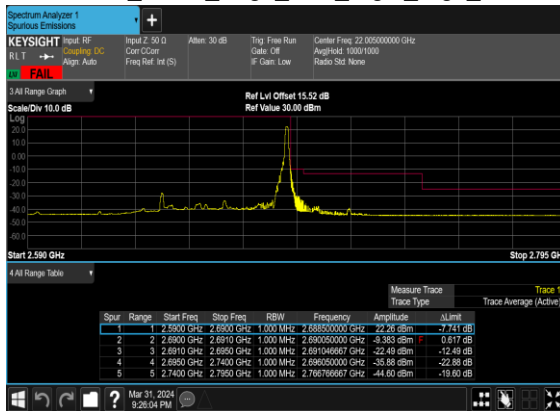
N41(50M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH



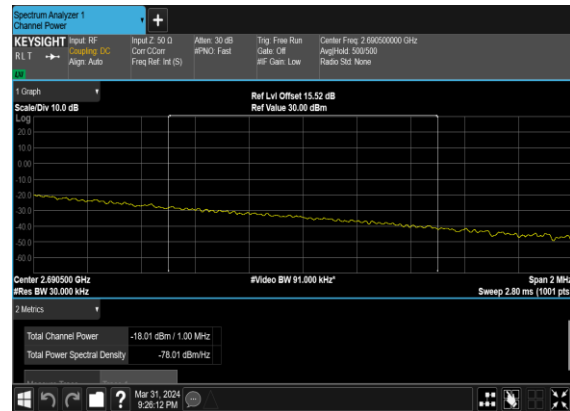
N41(50M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH



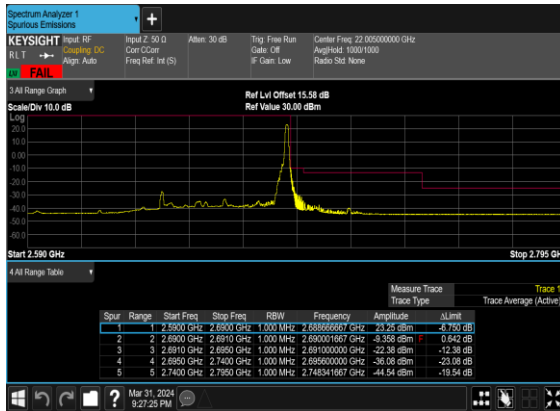
N41(50M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH



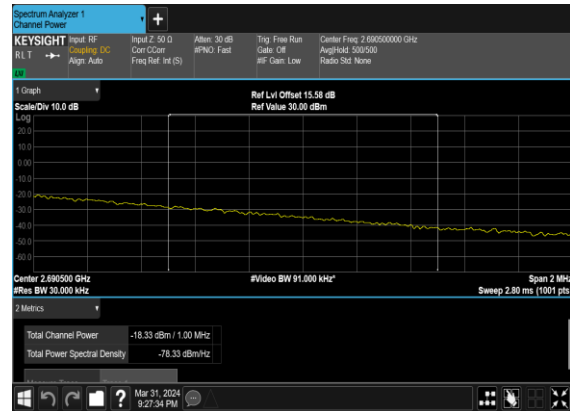
N41(50M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH_CHP_PASS



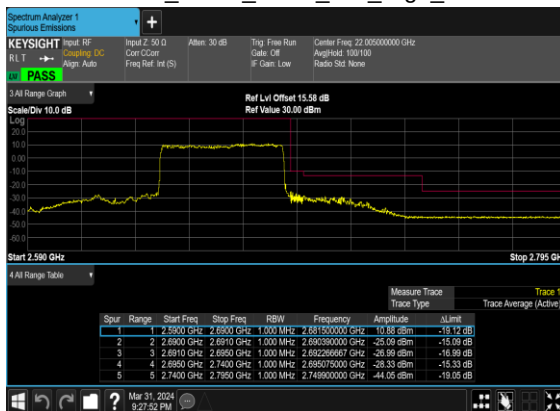
N41(50M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH



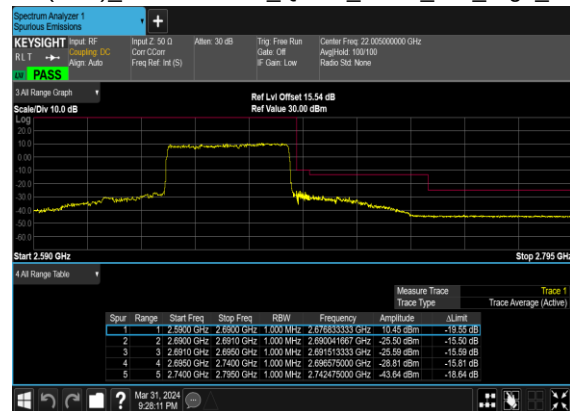
N41(50M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH_CHP_PASS



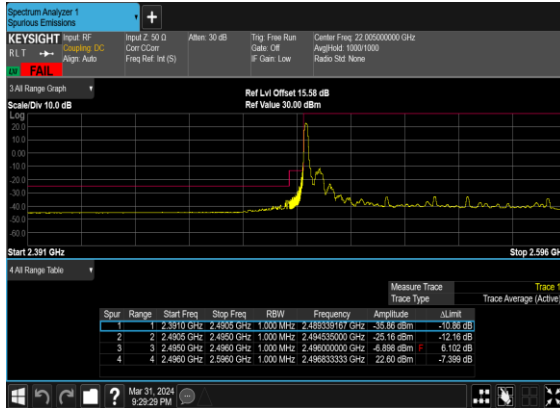
N41(50M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH



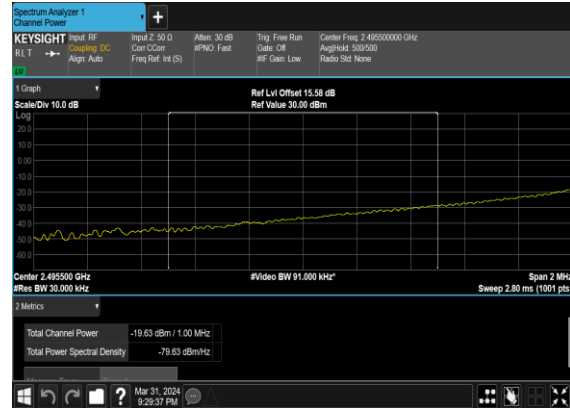
N41(50M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH



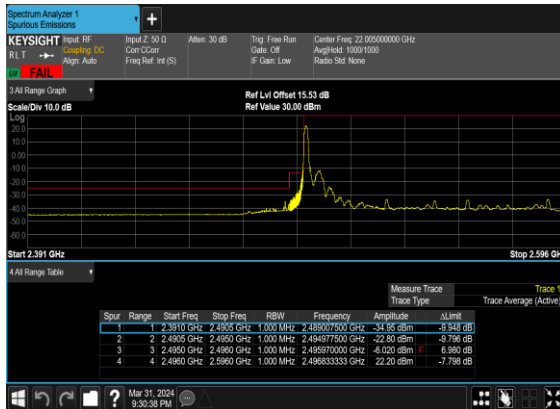
N41(100M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



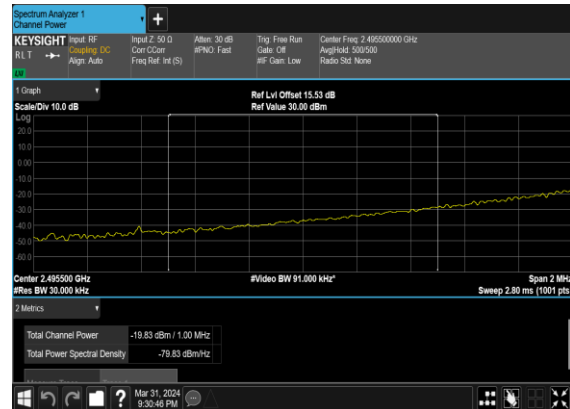
N41(100M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH_CHP_PASS



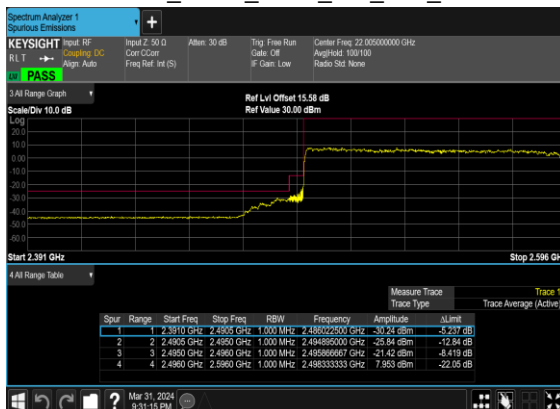
N41(100M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



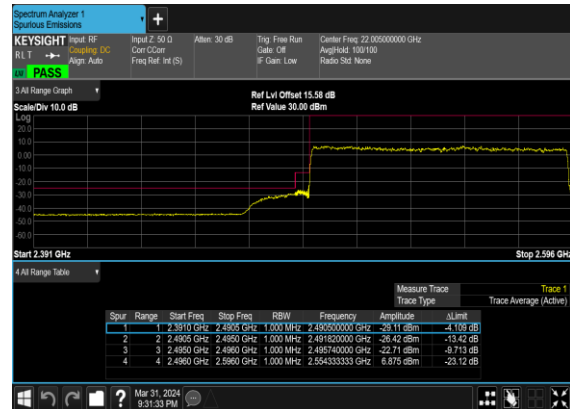
N41(100M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH_CHP_PASS



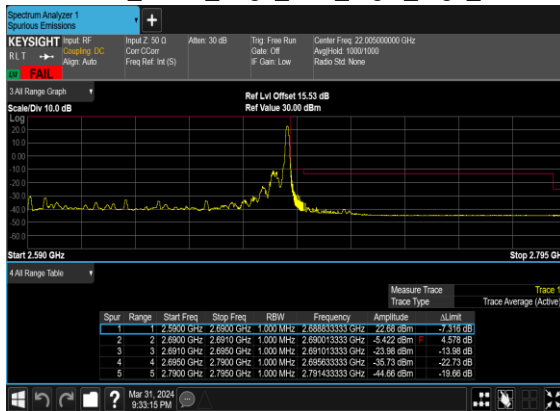
N41(100M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH



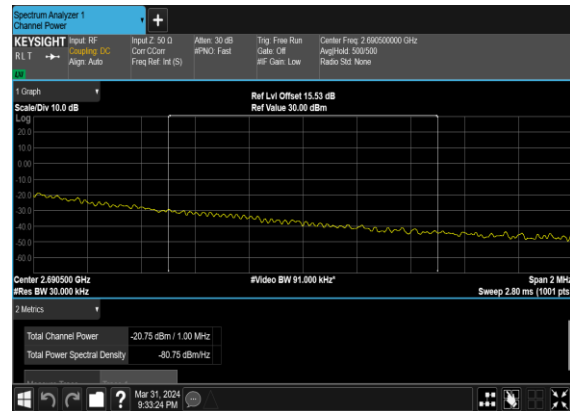
N41(100M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH



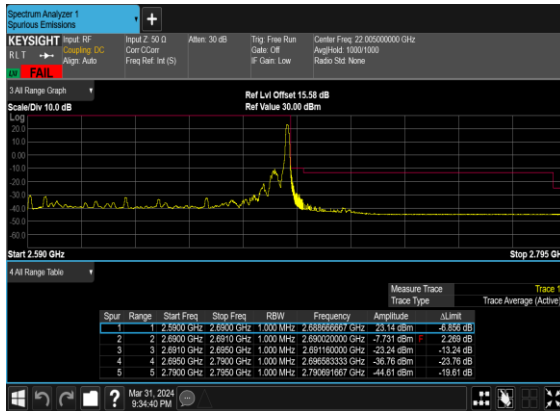
N41(100M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH



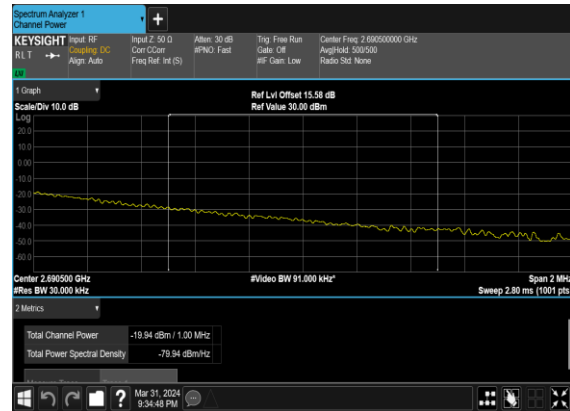
N41(100M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH_CHP_PASS



N41(100M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH



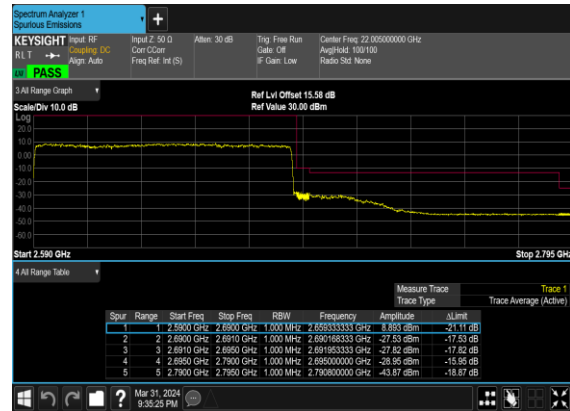
N41(100M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH_CHP_PASS



N41(100M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH



N41(100M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH



FR1 ENDC_2A_n41A(other PA)-SCS 15k

LTE Band: 2, LTE BW: 10M, LTE ARFCN: Mid

Transmitter Conducted Output Power And EIRP, ($G_T - L_C$)=3dBi

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Conducted Power(dBm)	EIRP (dBm)	EIRP (W)
41	15	10	500202	2501.01	DFT-s-OFDM QPSK	1@1	23.7	26.7	0.4677
41	15	10	500202	2501.01	DFT-s-OFDM 16 QAM	1@1	22.53	25.53	0.3573
41	15	10	518601	2593.005	DFT-s-OFDM QPSK	1@1	23.33	26.33	0.4295
41	15	10	518601	2593.005	DFT-s-OFDM 16 QAM	1@1	22.32	25.32	0.3404
41	15	10	537000	2685	DFT-s-OFDM QPSK	1@1	22.99	25.99	0.3972
41	15	10	537000	2685	DFT-s-OFDM 16 QAM	1@1	22.03	25.03	0.3184
41	15	15	500700	2503.5	DFT-s-OFDM QPSK	1@1	23.8	26.8	0.4786
41	15	15	500700	2503.5	DFT-s-OFDM 16 QAM	1@1	22.78	25.78	0.3784
41	15	15	518601	2593.005	DFT-s-OFDM QPSK	1@1	23.45	26.45	0.4416
41	15	15	518601	2593.005	DFT-s-OFDM 16 QAM	1@1	22.42	25.42	0.3483
41	15	15	536499	2682.495	DFT-s-OFDM QPSK	1@1	23.05	26.05	0.4027
41	15	15	536499	2682.495	DFT-s-OFDM 16 QAM	1@1	22.05	25.05	0.3199
41	15	20	501201	2506.005	DFT-s-OFDM QPSK	1@1	23.75	26.75	0.4732
41	15	20	501201	2506.005	DFT-s-OFDM 16 QAM	1@1	22.64	25.64	0.3664
41	15	20	518601	2593.005	DFT-s-OFDM QPSK	1@1	23.46	26.46	0.4426
41	15	20	518601	2593.005	DFT-s-OFDM 16 QAM	1@1	22.45	25.45	0.3508
41	15	20	535998	2679.99	DFT-s-OFDM QPSK	1@1	23.03	26.03	0.4009
41	15	20	535998	2679.99	DFT-s-OFDM 16 QAM	1@1	21.99	24.99	0.3155
41	15	30	502200	2511	DFT-s-OFDM QPSK	1@1	23.62	26.62	0.4592
41	15	30	502200	2511	DFT-s-OFDM 16 QAM	1@1	22.62	25.62	0.3648
41	15	30	518601	2593.005	DFT-s-OFDM QPSK	1@1	23.36	26.36	0.4325
41	15	30	518601	2593.005	DFT-s-OFDM 16 QAM	1@1	22.34	25.34	0.3420
41	15	30	534999	2674.995	DFT-s-OFDM QPSK	1@1	22.97	25.97	0.3954
41	15	30	534999	2674.995	DFT-s-OFDM 16 QAM	1@1	21.83	24.83	0.3041
41	15	40	503202	2516.01	DFT-s-OFDM QPSK	1@1	23.35	26.35	0.4315
41	15	40	503202	2516.01	DFT-s-OFDM 16 QAM	1@1	22.22	25.22	0.3327
41	15	40	518598	2593.005	DFT-s-OFDM QPSK	1@1	23.06	26.06	0.4036
41	15	40	518598	2593.005	DFT-s-OFDM 16 QAM	1@1	22.08	25.08	0.3221
41	15	40	534000	2670	DFT-s-OFDM QPSK	1@1	22.76	25.76	0.3767
41	15	40	534000	2670	DFT-s-OFDM 16 QAM	1@1	21.83	24.83	0.3041
41	15	50	504201	2521.005	DFT-s-OFDM PI/2 BPSK	135@67	23.65	26.65	0.4624
41	15	50	504201	2521.005	DFT-s-OFDM PI/2 BPSK	1@1	23.33	26.33	0.4295
41	15	50	504201	2521.005	DFT-s-OFDM PI/2 BPSK	1@268	23.5	26.5	0.4467
41	15	50	504201	2521.005	DFT-s-OFDM QPSK	135@67	23.67	26.67	0.4645
41	15	50	504201	2521.005	DFT-s-OFDM QPSK	1@1	23.8	26.8	0.4786

41	15	50	504201	2521.005	DFT-s-OFDM QPSK	1@268	23.81	26.81	0.4797
41	15	50	504201	2521.005	DFT-s-OFDM 16 QAM	135@67	22.68	25.68	0.3698
41	15	50	504201	2521.005	DFT-s-OFDM 16 QAM	1@1	22.62	25.62	0.3648
41	15	50	504201	2521.005	DFT-s-OFDM 16 QAM	1@268	22.68	25.68	0.3698
41	15	50	504201	2521.005	DFT-s-OFDM 64 QAM	135@67	21.14	24.14	0.2594
41	15	50	504201	2521.005	DFT-s-OFDM 64 QAM	1@1	21.01	24.01	0.2518
41	15	50	504201	2521.005	DFT-s-OFDM 64 QAM	1@268	21.23	24.23	0.2649
41	15	50	504201	2521.005	DFT-s-OFDM 256 QAM	135@67	19.19	22.19	0.1656
41	15	50	504201	2521.005	DFT-s-OFDM 256 QAM	1@1	19	22	0.1585
41	15	50	504201	2521.005	DFT-s-OFDM 256 QAM	1@268	19.15	22.15	0.1641
41	15	50	504201	2521.005	CP-OFDM QPSK	135@67	22.14	25.14	0.3266
41	15	50	504201	2521.005	CP-OFDM QPSK	1@1	21.74	24.74	0.2979
41	15	50	504201	2521.005	CP-OFDM QPSK	1@268	21.84	24.84	0.3048
41	15	50	518601	2593.005	DFT-s-OFDM PI/2 BPSK	135@67	23.42	26.42	0.4385
41	15	50	518601	2593.005	DFT-s-OFDM PI/2 BPSK	1@1	23.35	26.35	0.4315
41	15	50	518601	2593.005	DFT-s-OFDM PI/2 BPSK	1@268	23.42	26.42	0.4385
41	15	50	518601	2593.005	DFT-s-OFDM QPSK	135@67	23.47	26.47	0.4436
41	15	50	518601	2593.005	DFT-s-OFDM QPSK	1@1	23.57	26.57	0.4539
41	15	50	518601	2593.005	DFT-s-OFDM QPSK	1@268	23.64	26.64	0.4613
41	15	50	518601	2593.005	DFT-s-OFDM 16 QAM	135@67	22.4	25.4	0.3467
41	15	50	518601	2593.005	DFT-s-OFDM 16 QAM	1@1	22.54	25.54	0.3581
41	15	50	518601	2593.005	DFT-s-OFDM 16 QAM	1@268	22.58	25.58	0.3614
41	15	50	518601	2593.005	DFT-s-OFDM 64 QAM	135@67	20.9	23.9	0.2455
41	15	50	518601	2593.005	DFT-s-OFDM 64 QAM	1@1	20.99	23.99	0.2506
41	15	50	518601	2593.005	DFT-s-OFDM 64 QAM	1@268	21.06	24.06	0.2547
41	15	50	518601	2593.005	DFT-s-OFDM 256 QAM	135@67	18.93	21.93	0.1560
41	15	50	518601	2593.005	DFT-s-OFDM 256 QAM	1@1	18.92	21.92	0.1556
41	15	50	518601	2593.005	DFT-s-OFDM 256 QAM	1@268	19.04	22.04	0.1600
41	15	50	518601	2593.005	CP-OFDM QPSK	135@67	21.87	24.87	0.3069
41	15	50	518601	2593.005	CP-OFDM QPSK	1@1	21.74	24.74	0.2979
41	15	50	518601	2593.005	CP-OFDM QPSK	1@268	21.82	24.82	0.3034
41	15	50	532998	2664.99	DFT-s-OFDM PI/2 BPSK	135@67	23.13	26.13	0.4102
41	15	50	532998	2664.99	DFT-s-OFDM PI/2 BPSK	1@1	22.97	25.97	0.3954
41	15	50	532998	2664.99	DFT-s-OFDM PI/2 BPSK	1@268	23.04	26.04	0.4018
41	15	50	532998	2664.99	DFT-s-OFDM QPSK	135@67	23.12	26.12	0.4093
41	15	50	532998	2664.99	DFT-s-OFDM QPSK	1@1	23.21	26.21	0.4178
41	15	50	532998	2664.99	DFT-s-OFDM QPSK	1@268	23.19	26.19	0.4159
41	15	50	532998	2664.99	DFT-s-OFDM 16 QAM	135@67	22.13	25.13	0.3258
41	15	50	532998	2664.99	DFT-s-OFDM 16 QAM	1@1	22.19	25.19	0.3304
41	15	50	532998	2664.99	DFT-s-OFDM 16 QAM	1@268	22.2	25.2	0.3311
41	15	50	532998	2664.99	DFT-s-OFDM 64 QAM	135@67	20.63	23.63	0.2307
41	15	50	532998	2664.99	DFT-s-OFDM 64 QAM	1@1	20.65	23.65	0.2317
41	15	50	532998	2664.99	DFT-s-OFDM 64 QAM	1@268	20.68	23.68	0.2333
41	15	50	532998	2664.99	DFT-s-OFDM 256 QAM	135@67	18.62	21.62	0.1452

41	15	50	532998	2664.99	DFT-s-OFDM 256 QAM	1@1	18.56	21.56	0.1432
41	15	50	532998	2664.99	DFT-s-OFDM 256 QAM	1@268	18.55	21.55	0.1429
41	15	50	532998	2664.99	CP-OFDM QPSK	135@67	21.58	24.58	0.2871
41	15	50	532998	2664.99	CP-OFDM QPSK	1@1	21.42	24.42	0.2767
41	15	50	532998	2664.99	CP-OFDM QPSK	1@268	21.45	24.45	0.2786

Frequency Stability

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Deviation (ppm)	Verdict	Environment
41	15	20	518601	2593.005	DFT-s-OFDM QPSK	100@0	0.0039	PASS	NV
41	15	20	518601	2593.005	DFT-s-OFDM QPSK	100@0	0.0053	PASS	LV
41	15	20	518601	2593.005	DFT-s-OFDM QPSK	100@0	0.0056	PASS	HV
41	15	20	518601	2593.005	DFT-s-OFDM QPSK	100@0	0.0061	PASS	-30°C
41	15	20	518601	2593.005	DFT-s-OFDM QPSK	100@0	0.0059	PASS	-20°C
41	15	20	518601	2593.005	DFT-s-OFDM QPSK	100@0	0.0043	PASS	-10°C
41	15	20	518601	2593.005	DFT-s-OFDM QPSK	100@0	0.0039	PASS	0°C
41	15	20	518601	2593.005	DFT-s-OFDM QPSK	100@0	0.0021	PASS	10°C
41	15	20	518601	2593.005	DFT-s-OFDM QPSK	100@0	0.0039	PASS	20°C
41	15	20	518601	2593.005	DFT-s-OFDM QPSK	100@0	0.0044	PASS	30°C
41	15	20	518601	2593.005	DFT-s-OFDM QPSK	100@0	0.0041	PASS	40°C
41	15	20	518601	2593.005	DFT-s-OFDM QPSK	100@0	0.0054	PASS	50°C

Peak to Average Ratio

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result (dB)	Limit (dB)	Verdict
41	15	20	518601	2593.005	DFT-s-OFDM PI/2 BPSK	100@0	4.29	13	PASS
41	15	20	518601	2593.005	DFT-s-OFDM QPSK	100@0	5.54	13	PASS

B2_N41(20M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_Mid_CH



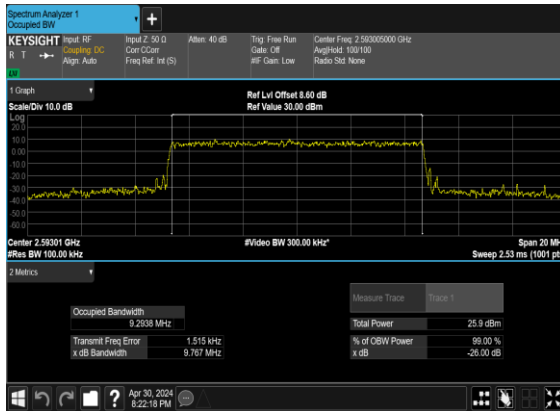
B2_N41(20M)_DFT-s-OFDM_QPSK_Outer_Full_Mid_CH



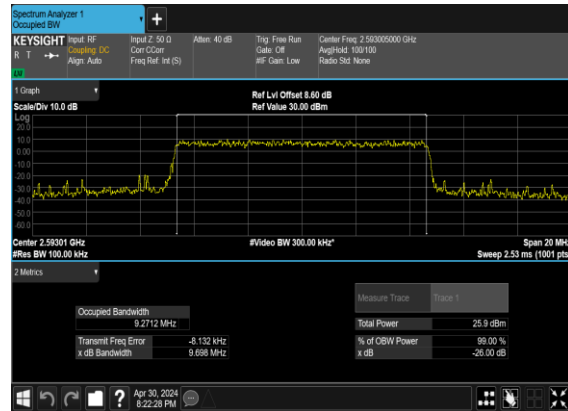
Occupied Bandwidth

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	OBW (MHz)	26dB BW (MHz)
41	15	10	518601	2593.01	CP-OFDM QPSK	52@0	9.2938	9.767
41	15	10	518601	2593.01	CP-OFDM 16 QAM	52@0	9.2712	9.698
41	15	10	518601	2593.01	CP-OFDM 64 QAM	52@0	9.241	10.35
41	15	10	518601	2593.01	CP-OFDM 256 QAM	52@0	9.2773	9.707
41	15	15	518601	2593.01	CP-OFDM QPSK	79@0	14.086	14.68
41	15	15	518601	2593.01	CP-OFDM 16 QAM	79@0	14.081	14.61
41	15	15	518601	2593.01	CP-OFDM 64 QAM	79@0	14.063	14.7
41	15	15	518601	2593.01	CP-OFDM 256 QAM	79@0	14.13	14.65
41	15	20	518601	2593.01	CP-OFDM QPSK	106@0	18.981	19.59
41	15	20	518601	2593.01	CP-OFDM 16 QAM	106@0	18.876	19.52
41	15	20	518601	2593.01	CP-OFDM 64 QAM	106@0	18.915	19.63
41	15	20	518601	2593.01	CP-OFDM 256 QAM	106@0	18.951	19.53
41	15	30	518601	2593.01	CP-OFDM QPSK	160@0	28.601	29.64
41	15	30	518601	2593.01	CP-OFDM 16 QAM	160@0	28.594	29.58
41	15	30	518601	2593.01	CP-OFDM 64 QAM	160@0	28.526	29.62
41	15	30	518601	2593.01	CP-OFDM 256 QAM	160@0	28.628	29.6
41	15	40	518598	2593.01	CP-OFDM QPSK	216@0	38.545	39.8
41	15	40	518598	2593.01	CP-OFDM 16 QAM	216@0	38.483	39.79
41	15	40	518598	2593.01	CP-OFDM 64 QAM	216@0	38.375	39.81
41	15	40	518598	2593.01	CP-OFDM 256 QAM	216@0	38.453	39.87
41	15	50	518601	2593.01	CP-OFDM QPSK	270@0	48.192	49.96
41	15	50	518601	2593.01	CP-OFDM 16 QAM	270@0	48.163	49.84
41	15	50	518601	2593.01	CP-OFDM 64 QAM	270@0	48.154	49.63
41	15	50	518601	2593.01	CP-OFDM 256 QAM	270@0	48.187	49.69

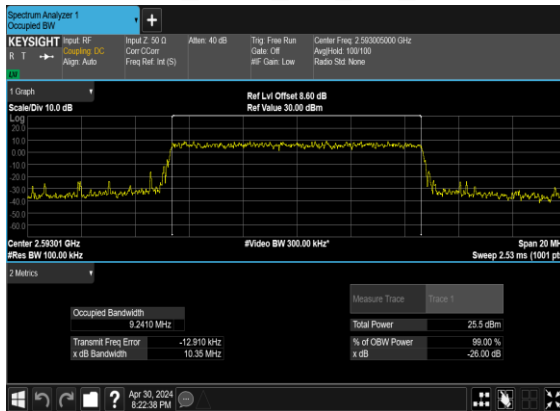
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OFDM_QPSK_Outer_Full_Mid_CH



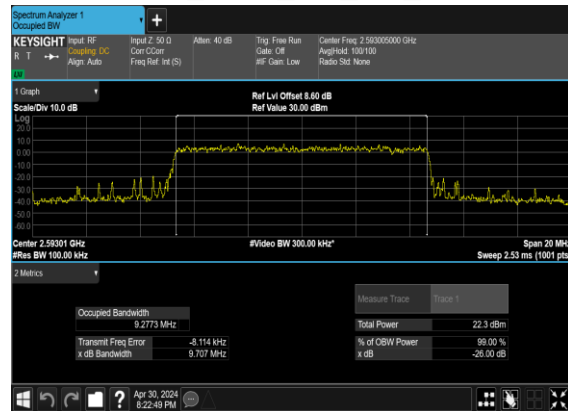
B2_N41(10M)_CP-OFDM_16
QAM_Outer_Full_Mid_CH



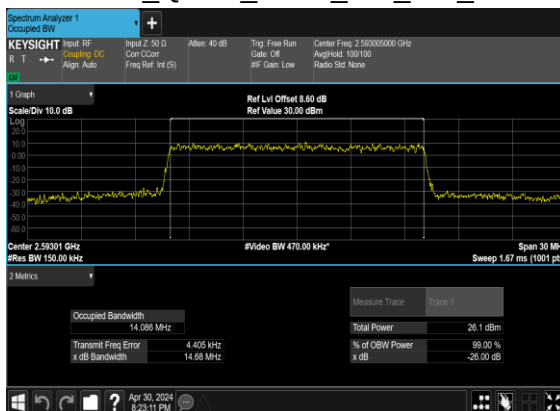
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QAM_Outer_Full_Mid_CH



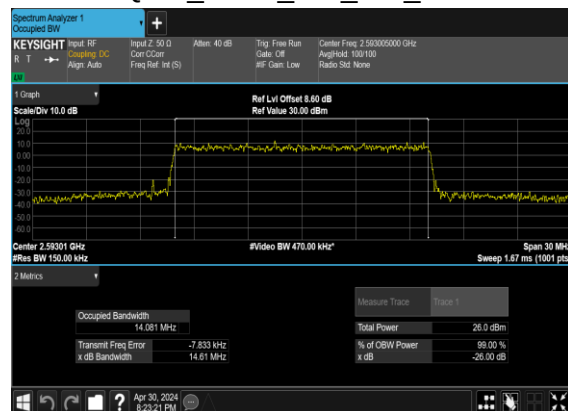
B2_N41(10M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH



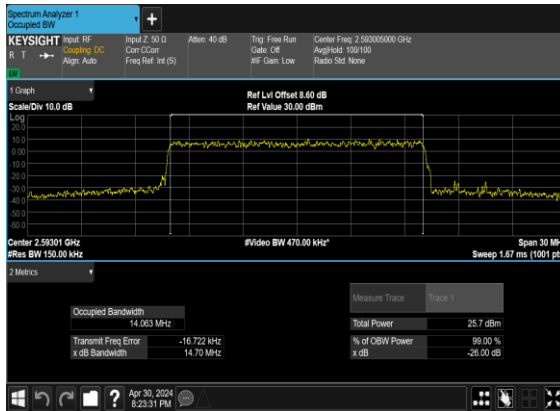
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OFDM_QPSK_Outer_Full_Mid_CH



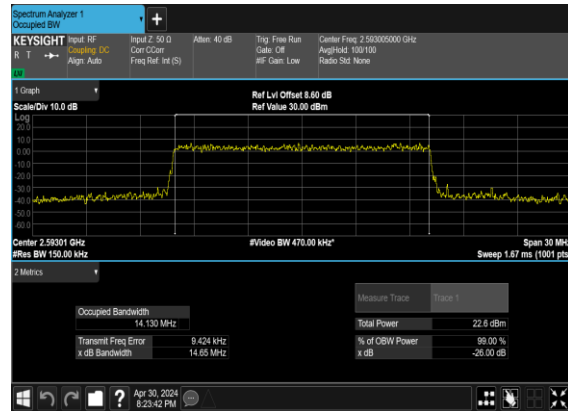
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QAM_Outer_Full_Mid_CH



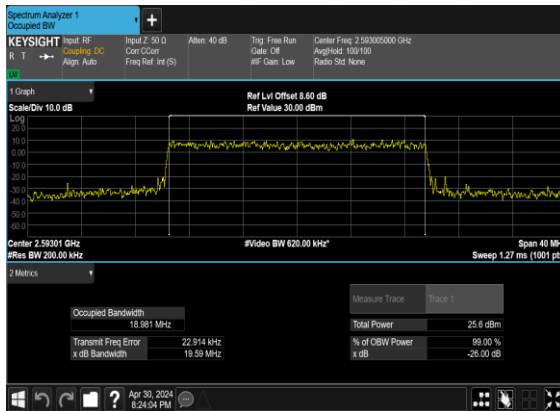
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QAM_Outer_Full_Mid_CH



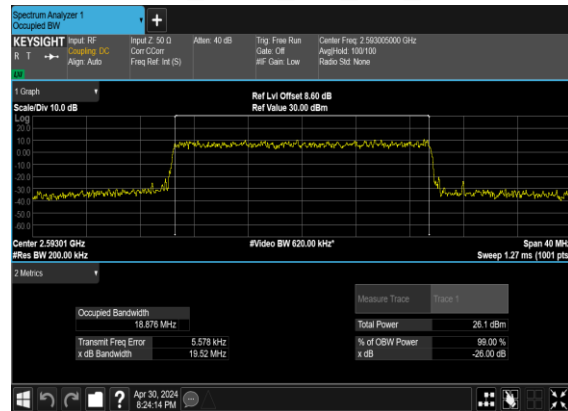
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QAM_Outer_Full_Mid_CH



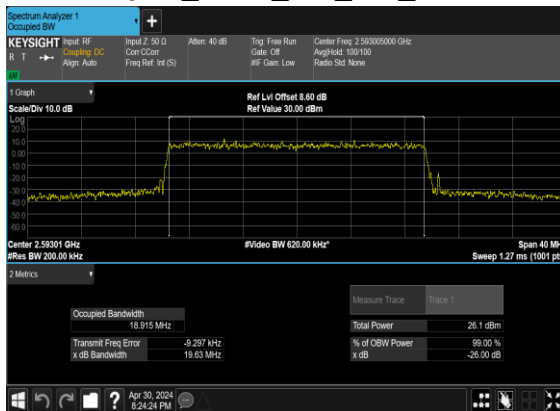
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OFDM_QPSK_Outer_Full_Mid_CH



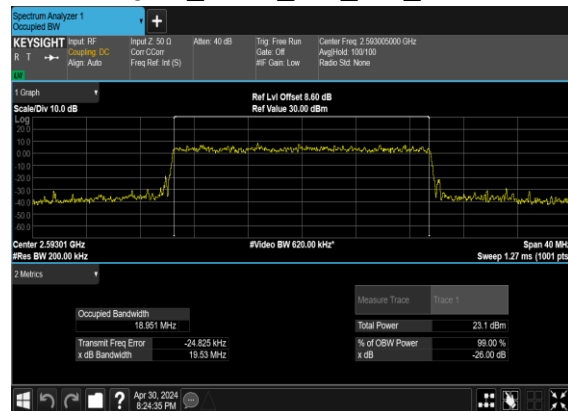
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QAM_Outer_Full_Mid_CH



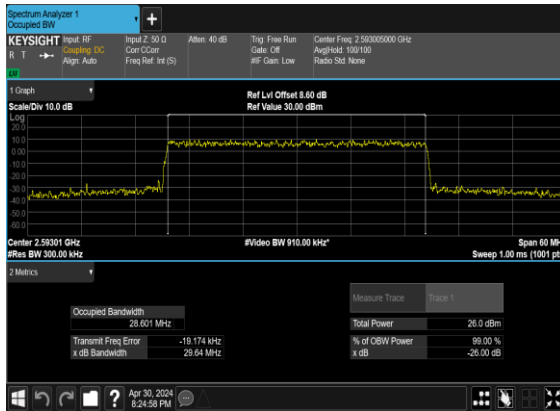
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QAM_Outer_Full_Mid_CH



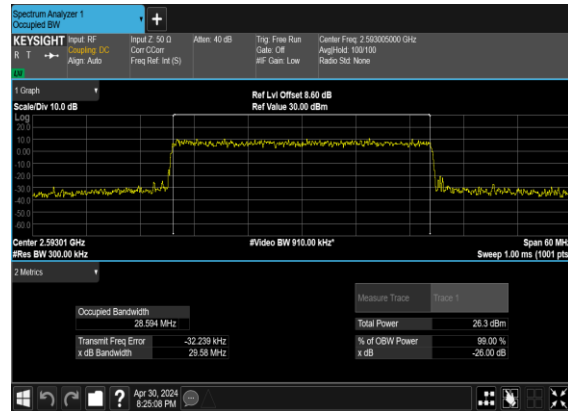
B2_N41(20M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH



B2_N41(30M)_CP-
OFDM_QPSK_Outer_Full_Mid_CH



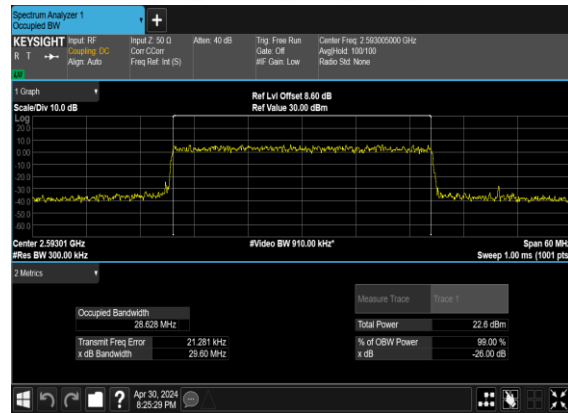
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QAM_Outer_Full_Mid_CH



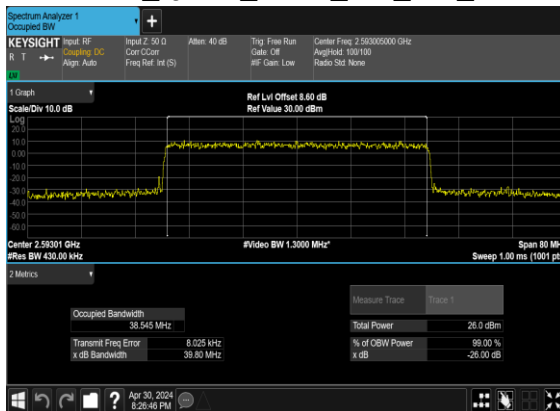
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QAM_Outer_Full_Mid_CH



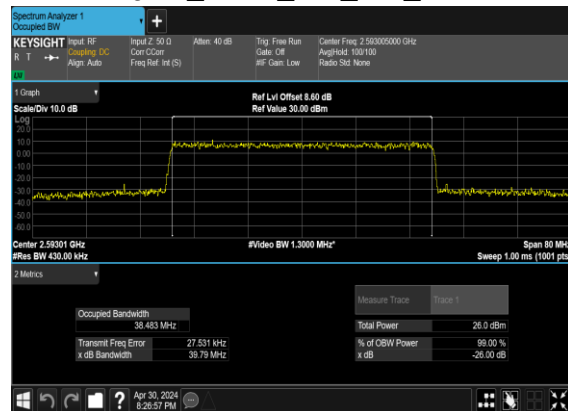
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QAM_Outer_Full_Mid_CH



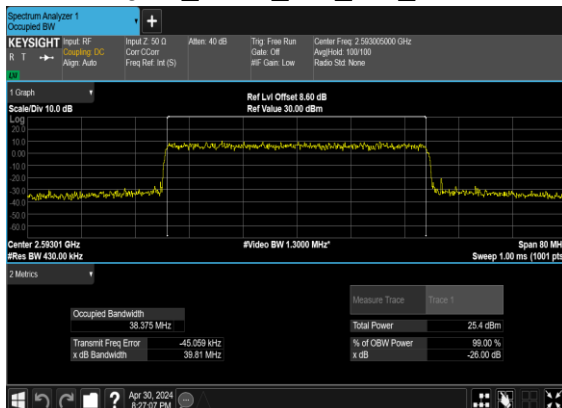
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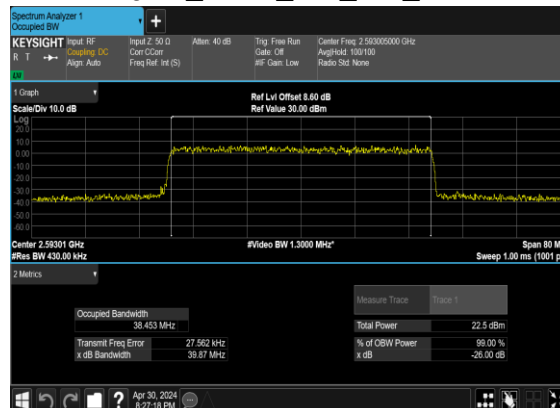
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QAM_Outer_Full_Mid_CH



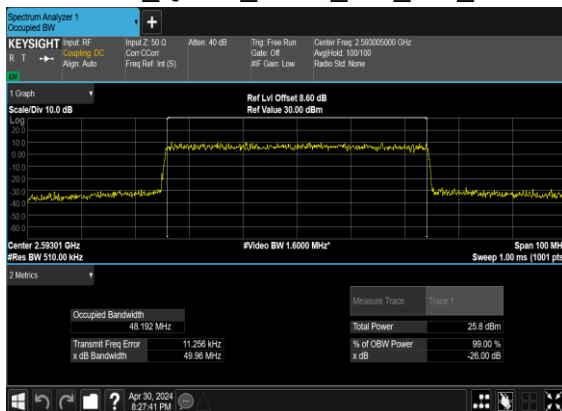
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QAM_Outer_Full_Mid_CH



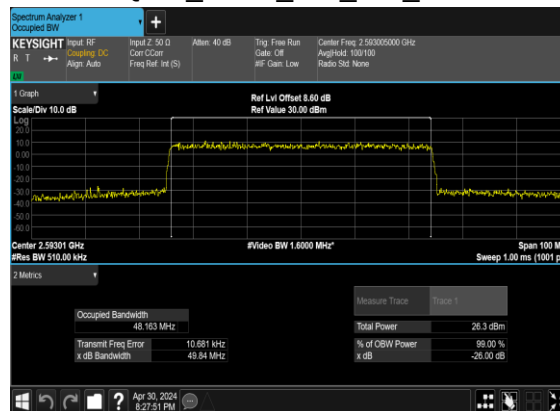
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QAM_Outer_Full_Mid_CH



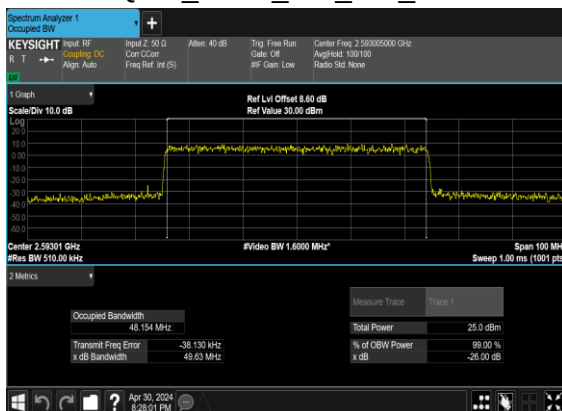
B2_N41(50M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



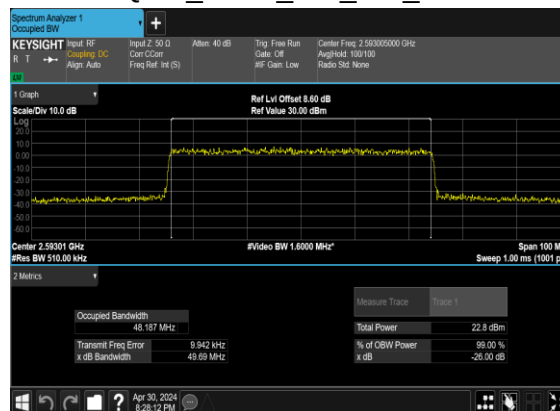
B2_N41(50M)_CP-OFDM_16
QAM_Outer_Full_Mid_CH



B2_N41(50M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH



B2_N41(50M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH



Conducted Spurious Emissions

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
41	15	10	500202	2501.01	DFT-s-OFDM BPSK	1@0	see graph	---
41	15	10	500202	2501.01	DFT-s-OFDM BPSK	1@0	see graph	PASS
41	15	10	500202	2501.01	DFT-s-OFDM BPSK	1@0	see graph	PASS
41	15	10	500202	2501.01	DFT-s-OFDM QPSK	1@0	see graph	---
41	15	10	500202	2501.01	DFT-s-OFDM QPSK	1@0	see graph	PASS
41	15	10	500202	2501.01	DFT-s-OFDM QPSK	1@0	see graph	PASS
41	15	10	518601	2593.005	DFT-s-OFDM BPSK	1@0	see graph	---
41	15	10	518601	2593.005	DFT-s-OFDM BPSK	1@0	see graph	PASS
41	15	10	518601	2593.005	DFT-s-OFDM BPSK	1@0	see graph	PASS
41	15	10	518601	2593.005	DFT-s-OFDM QPSK	1@0	see graph	---
41	15	10	518601	2593.005	DFT-s-OFDM QPSK	1@0	see graph	PASS
41	15	10	518601	2593.005	DFT-s-OFDM QPSK	1@0	see graph	PASS
41	15	10	537000	2685.0	DFT-s-OFDM BPSK	1@0	see graph	---
41	15	10	537000	2685.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
41	15	10	537000	2685.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
41	15	10	537000	2685.0	DFT-s-OFDM QPSK	1@0	see graph	---
41	15	10	537000	2685.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
41	15	10	537000	2685.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
41	15	20	501201	2506.005	DFT-s-OFDM BPSK	1@0	see graph	---
41	15	20	501201	2506.005	DFT-s-OFDM BPSK	1@0	see graph	PASS
41	15	20	501201	2506.005	DFT-s-OFDM BPSK	1@0	see graph	PASS
41	15	20	501201	2506.005	DFT-s-OFDM QPSK	1@0	see graph	---
41	15	20	501201	2506.005	DFT-s-OFDM QPSK	1@0	see graph	PASS
41	15	20	501201	2506.005	DFT-s-OFDM QPSK	1@0	see graph	PASS
41	15	20	518601	2593.005	DFT-s-OFDM BPSK	1@0	see graph	---
41	15	20	518601	2593.005	DFT-s-OFDM BPSK	1@0	see graph	PASS
41	15	20	518601	2593.005	DFT-s-OFDM BPSK	1@0	see graph	PASS
41	15	20	518601	2593.005	DFT-s-OFDM QPSK	1@0	see graph	---
41	15	20	518601	2593.005	DFT-s-OFDM QPSK	1@0	see graph	PASS
41	15	20	518601	2593.005	DFT-s-OFDM QPSK	1@0	see graph	PASS
41	15	20	535998	2679.99	DFT-s-OFDM BPSK	1@0	see graph	---
41	15	20	535998	2679.99	DFT-s-OFDM BPSK	1@0	see graph	PASS
41	15	20	535998	2679.99	DFT-s-OFDM BPSK	1@0	see graph	PASS

41	15	20	535998	2679.99	DFT-s-OFDM QPSK	1@0	see graph	---
41	15	20	535998	2679.99	DFT-s-OFDM QPSK	1@0	see graph	PASS
41	15	20	535998	2679.99	DFT-s-OFDM QPSK	1@0	see graph	PASS
41	15	50	504201	2521.005	DFT-s-OFDM BPSK	1@0	see graph	---
41	15	50	504201	2521.005	DFT-s-OFDM BPSK	1@0	see graph	PASS
41	15	50	504201	2521.005	DFT-s-OFDM BPSK	1@0	see graph	PASS
41	15	50	504201	2521.005	DFT-s-OFDM QPSK	1@0	see graph	---
41	15	50	504201	2521.005	DFT-s-OFDM QPSK	1@0	see graph	PASS
41	15	50	504201	2521.005	DFT-s-OFDM QPSK	1@0	see graph	PASS
41	15	50	518601	2593.005	DFT-s-OFDM BPSK	1@0	see graph	---
41	15	50	518601	2593.005	DFT-s-OFDM BPSK	1@0	see graph	PASS
41	15	50	518601	2593.005	DFT-s-OFDM BPSK	1@0	see graph	PASS
41	15	50	518601	2593.005	DFT-s-OFDM QPSK	1@0	see graph	---
41	15	50	518601	2593.005	DFT-s-OFDM QPSK	1@0	see graph	PASS
41	15	50	518601	2593.005	DFT-s-OFDM QPSK	1@0	see graph	PASS
41	15	50	532998	2664.99	DFT-s-OFDM BPSK	1@0	see graph	---
41	15	50	532998	2664.99	DFT-s-OFDM BPSK	1@0	see graph	PASS
41	15	50	532998	2664.99	DFT-s-OFDM BPSK	1@0	see graph	PASS
41	15	50	532998	2664.99	DFT-s-OFDM QPSK	1@0	see graph	---
41	15	50	532998	2664.99	DFT-s-OFDM QPSK	1@0	see graph	PASS
41	15	50	532998	2664.99	DFT-s-OFDM QPSK	1@0	see graph	PASS

The screenshot displays a Keysight Spectrum Analyzer interface. The main display area shows a spectrum plot with a scale of 10 dB. Two peaks are identified: Peak 1 at 2.4908 GHz and Peak 2 at 3.8083 GHz. The plot has a resolution bandwidth (Res BW) of 30 MHz and a video bandwidth (Video BW) of 3.0 MHz. The reference level is 30.00 dBm. The interface includes various control panels for input, resolution, and measurement.

Input Section:

- Input RF: 2.50 GHz
- Con Core: 30 dB
- Align: Auto
- Freq Ref: Int (S)

Measurement Section:

- Peak 1: 2.4908 GHz, -21.66 dBm
- Peak 2: 3.8083 GHz, -38.88 dBm

Resolution and Video Bandwidth:

- Res BW: 30 MHz
- Video BW: 3.0 MHz

Reference Level:

- Ref Level: 30.00 dBm

Marker Table:

Mode	Trace	Scale	X	Y	Function	Function Width	Function Value
1	N	1	f	2.4908 GHz	-21.66 dBm		
2	N	1	f	3.8083 GHz	-38.88 dBm		

Spectrum Analyzer 1
Sweep SA

KEYSIGHT Input Ref: **Internal OC** Input Z: 50 Ω Ref: 30 dB
R T Corr: Corr Freq Ref: Int (S)
Align: Auto

PMO: Fast Gate: Off IF Gain: Low Sig Track: Off Avg Type: Power (RMS) Analyze: 100/100 Tip: Free Run A: 1 2 3 4 5 6 A: N N N N N N

1 Spectrum Scale/Div: 10 dB Ref Level: 30.00 dBm

Mkr1: 26.310 GHz -36.003 dB

Start: 20.000 GHz Video BW: 3.0 MHz Stop: 26.900 GHz
#Res: BW 1.0 MHz Sweep: 13.3 ms (40001 pts)

5 Marker table

Mode	Trace	Scale	X	Y	Function	Width	Function Value
1	N	1	F	26.310 GHz	-36.00 dBm		
2							
3							
4							
5							

Spectrum Analyzer 1
Sweep SA

KEYSIGHT Input RF
R T → Locking DC
Align Auto

Input Z: 50 Ω
Corr: Corr
Freq Ref: 1st (S)

Attenu: 30 dB

Pho Fast
Gate Off
IF Gain Low
Sig Track Off

Avg Type: Power (RMS)
Averaged: 100/100
Trip: Free Run

1 2 3 4 5 6
A W W W W W
A N N N N N

1 Spectrum
Scale/Div 10 dB
Log
0.0
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
-70.0
-80.0
-90.0
-100.0

Ref Lvl Offset 15.50 dB
Ref Level 30.00 dBm

Mkr2 3.845 GHz
-39.270 dB

Start 30 MHz
#Res BW 1.0 MHz

Video BW 3.0 MHz

Stop 20.00 GHz
Sweep 34.7 ms (40001 p)

5 Marker Table

	Mode	Trace	Scale	X	Y	Function	Function Width	Function Value
1	N	1	f	2.406 8 GHz	21.58 dBm			
2	N	1	f	3.845 3 GHz	-39.27 dBm			
3								
4								
5								
6								

Apr 30, 2004
8:30:30 PM

Keysight Spectrum Analyzer 1
Sweep SA

KEYSIGHT Input: RF **Amplitude** DC **Amplitude** Auto
R T $\rightarrow$ **Input F: 50.0** **Cont C: Off** **Ref Freq: 10.0 (S)** **Att: 30.0 dB** **PNO: Fast** **Gate: Off** **Avg Type: Power (RMS)** **High: 100.0** **1 2 3 4 5 6**
Algo: Auto **F: 50.0** **Low** **Sig Track: Off** **Tip: Free Run** **A W W W W W**
AW **ANNNNN**

f Spectrum
Scale/Div 10 dB
Log
20.0
10.0
0.0
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
-70.0
-80.0
-90.0
-100.0
-110.0
-120.0
-130.0
-140.0
-150.0
-160.0
-170.0
-180.0
-190.0
-200.0
-210.0
-220.0
-230.0
-240.0
-250.0
-260.0
-270.0
-280.0
-290.0
-300.0
-310.0
-320.0
-330.0
-340.0
-350.0
-360.0
-370.0
-380.0
-390.0
-400.0
-410.0
-420.0
-430.0
-440.0
-450.0
-460.0
-470.0
-480.0
-490.0
-500.0
-510.0
-520.0
-530.0
-540.0
-550.0
-560.0
-570.0
-580.0
-590.0
-600.0
-610.0
-620.0
-630.0
-640.0
-650.0
-660.0
-670.0
-680.0
-690.0
-700.0
-710.0
-720.0
-730.0
-740.0
-750.0
-760.0
-770.0
-780.0
-790.0
-800.0
-810.0
-820.0
-830.0
-840.0
-850.0
-860.0
-870.0
-880.0
-890.0
-900.0
-910.0
-920.0
-930.0
-940.0
-950.0
-960.0
-970.0
-980.0
-990.0
-1000.0
-1010.0
-1020.0
-1030.0
-1040.0
-1050.0
-1060.0
-1070.0
-1080.0
-1090.0
-1100.0
-1110.0
-1120.0
-1130.0
-1140.0
-1150.0
-1160.0
-1170.0
-1180.0
-1190.0
-1200.0
-1210.0
-1220.0
-1230.0
-1240.0
-1250.0
-1260.0
-1270.0
-1280.0
-1290.0
-1300.0
-1310.0
-1320.0
-1330.0
-1340.0
-1350.0
-1360.0
-1370.0
-1380.0
-1390.0
-1400.0
-1410.0
-1420.0
-1430.0
-1440.0
-1450.0
-1460.0
-1470.0
-1480.0
-1490.0
-1500.0
-1510.0
-1520.0
-1530.0
-1540.0
-1550.0
-1560.0
-1570.0
-1580.0
-1590.0
-1600.0
-1610.0
-1620.0
-1630.0
-1640.0
-1650.0
-1660.0
-1670.0
-1680.0
-1690.0
-1700.0
-1710.0
-1720.0
-1730.0
-1740.0
-1750.0
-1760.0
-1770.0
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-1790.0
-1800.0
-1810.0
-1820.0
-1830.0
-1840.0
-1850.0
-1860.0
-1870.0
-1880.0
-1890.0
-1900.0
-1910.0
-1920.0
-1930.0
-1940.0
-1950.0
-1960.0
-1970.0
-1980.0
-1990.0
-2000.0
-2010.0
-2020.0
-2030.0
-2040.0
-2050.0
-2060.0
-2070.0
-2080.0
-2090.0
-2100.0
-2110.0
-2120.0
-2130.0
-2140.0
-2150.0
-2160.0
-2170.0
-2180.0
-2190.0
-2200.0
-2210.0
-2220.0
-2230.0
-2240.0
-2250.0
-2260.0
-2270.0
-2280.0
-2290.0
-2300.0
-2310.0
-2320.0
-2330.0
-2340.0
-2350.0
-2360.0
-2370.0
-2380.0
-2390.0
-2400.0
-2410.0
-2420.0
-2430.0
-2440.0
-2450.0
-2460.0
-2470.0
-2480.0
-2490.0
-2500.0
-2510.0
-2520.0
-2530.0
-2540.0
-2550.0
-2560.0
-2570.0
-2580.0
-2590.0
-2600.0
-2610.0
-2620.0
-2630.0
-2640.0
-2650.0
-2660.0
-2670.0
-2680.0
-2690.0
-2700.0
-2710.0
-2720.0
-2730.0
-2740.0
-2750.0
-2760.0
-2770.0
-2780.0
-2790.0
-2800.0
-2810.0
-2820.0
-2830.0
-2840.0
-2850.0
-2860.0
-2870.0
-2880.0
-2890.0
-2900.0
-2910.0
-2920.0
-2930.0
-2940.0
-2950.0
-2960.0
-2970.0
-2980.0
-2990.0
-3000.0
-3010.0
-3020.0
-3030.0
-3040.0
-3050.0
-3060.0
-3070.0
-3080.0
-3090.0
-3100.0
-3110.0
-3120.0
-3130.0
-3140.0
-3150.0
-3160.0
-3170.0
-3180.0
-3190.0
-3200.0
-3210.0
-3220.0
-3230.0
-3240.0
-3250.0
-3260.0
-3270.0
-3280.0
-3290.0
-3300.0
-3310.0
-3320.0
-3330.0
-3340.0
-3350.0
-3360.0
-3370.0
-3380.0
-3390.0
-3400.0
-3410.0
-3420.0
-3430.0
-3440.0
-3450.0
-3460.0
-3470.0
-3480.0
-3490.0
-3500.0
-3510.0
-3520.0
-3530.0
-3540.0
-3550.0
-3560.0
-3570.0
-3580.0
-3590.0
-3600.0
-3610.0
-3620.0
-3630.0
-3640.0
-3650.0
-3660.0
-3670.0
-3680.0
-3690.0
-3700.0
-3710.0
-3720.0
-3730.0
-3740.0
-3750.0
-3760.0
-3770.0
-3780.0
-3790.0
-3800.0
-3810.0
-3820.0
-3830.0
-3840.0
-3850.0
-3860.0
-3870.0
-3880.0
-3890.0
-3900.0
-3910.0
-3920.0
-3930.0
-3940.0
-3950.0
-3960.0
-3970.0
-3980.0
-3990.0
-4000.0
-4010.0
-4020.0
-4030.0
-4040.0
-4050.0
-4060.0
-4070.0
-4080.0
-4090.0
-4100.0
-4110.0
-4120.0
-4130.0
-4140.0
-4150.0
-4160.0
-4170.0
-4180.0
-4190.0
-4200.0
-4210.0
-4220.0
-4230.0
-4240

Keysight Spectrum Analyzer 1
Sweep SA

KEYSIGHT Input RF: RF
R T → Creating DC
Align: Auto

Input Z: 50 Ω
Corr: Corr
Frag: Ref Int (S)

Att: 30 dB

PNO: First
F: Off
R: Gain Low
Sig: Track Off

Avg Type: Power (RMS)
Appld: 100100
Trp: Free Run

1 2 3 4 5 6
A W W W W W
A N N N N N

1 Spectrum
Scale/Div: 10 dB
Log
Ref Lvl Offset: 15.56 dB
Ref Level: 30.00 dBm

Mkr2: 3.7729 GHz
-39.097 dBm

Start: 30 MHz
#Res: BW 1.0 MHz

Video BW: 3.0 MHz

Sweep: 20.000 GHz
Sweep: 34.7 ms (40001 p)

5 Marker Table

Mode	Trace	Scale	X	Y	Function	Function Width	Function Value
1	N	1	f	2.5887 GHz	22.88 dBm		
2	N	1	f	3.7729 GHz	-39.10 dBm		
3							
4							
5							
6							

Spectrum Analyzer 1
Sweep SA

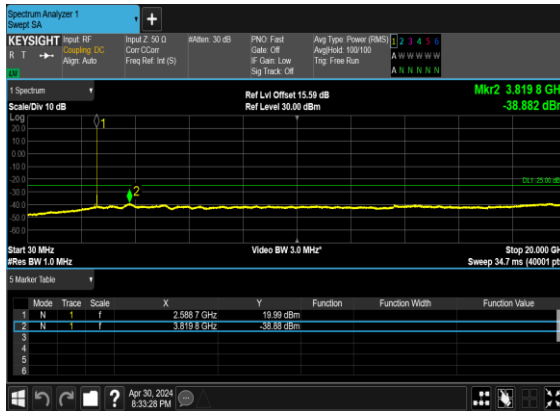
KEYSIGHT Input: RF, RF: 26.212 GHz, Span: 100 MHz, Res BW: 1.0 MHz, Video BW: 3.0 MHz, Freq Ref: 1st (S), PNO: Fast, Gate: Off, IF Dem: Low, Sig Track: Off, Avg Type: Power (PMS), Avg Hold: 100.00 ms, Trig: Free Run, A W W W W W, A N N N N N

1 Spectrum
Scale Div 10 dB
Ref Lvl Offset 15.56 dB
Ref Level 30.00 dBm
Mkr1 26.212 GHz
-35.910 dB
Start 20.000 GHz
Res BW 1.0 MHz
Video BW 3.0 MHz
Stop 26.000 GHz
Sweep 13.3 ms 400001 pps

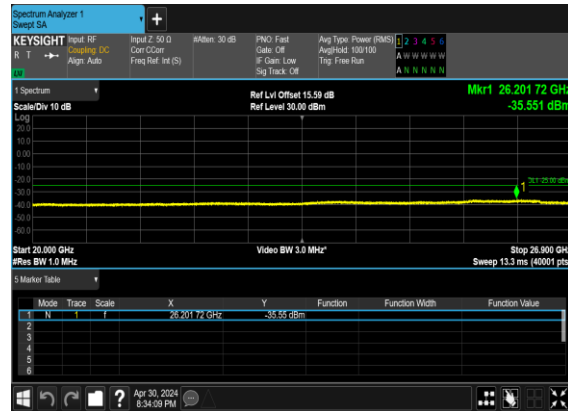
Mode	Trace	Scale	X	Y	Function	Function Width	Function Value
1	N	F	26.212 GHz	-35.91 dBm			
2							
3							
4							
5							
6							

Apr 30, 2004
13:42:28

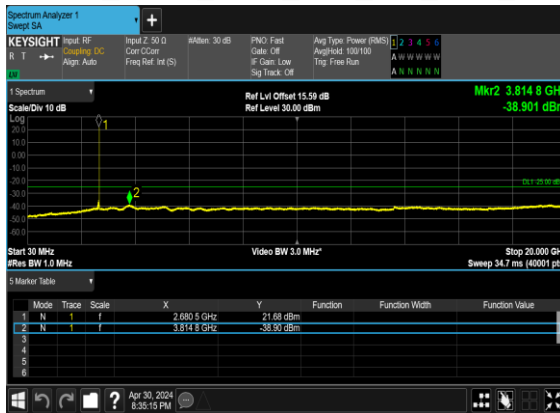
B2_N41(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



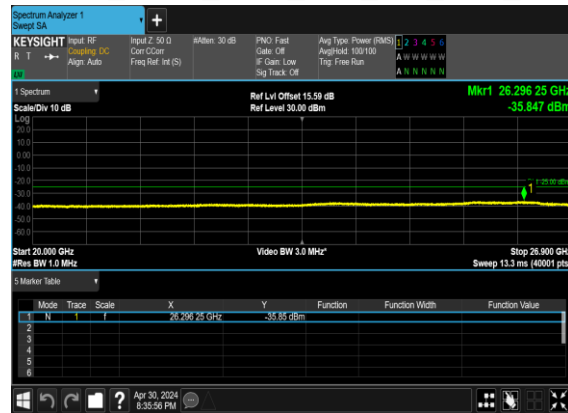
B2_N41(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



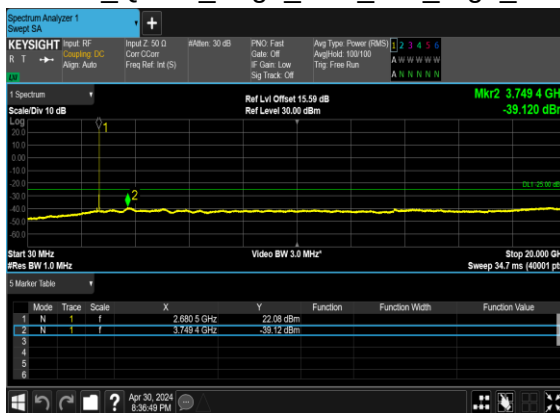
B2_N41(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



B2_N41(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



B2_N41(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH



B2_N41(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH

