

N41(10M)_DFT-s-
OFDM QPSK Edge 1RB Left Mid CH



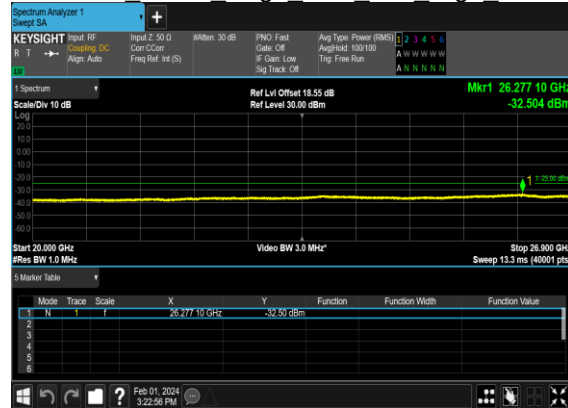
N41(10M)_DFT-s-
OFDM QPSK Edge 1RB Left Mid CH



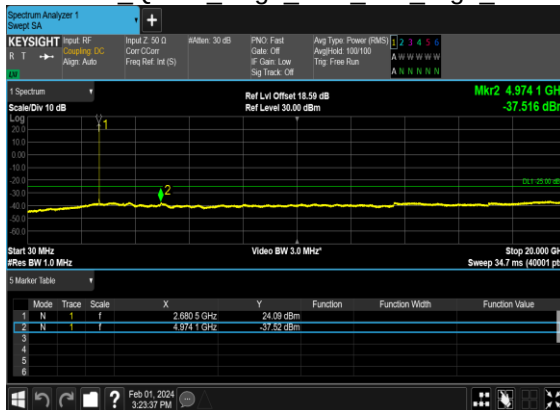
N41(10M)_DFT-s-
OFDM BPSK Edge 1RB Left High CH



N41(10M)_DFT-s-
OFDM BPSK Edge 1RB Left High CH



N41(10M)_DFT-s-
OFDM QPSK Edge 1RB Left High CH



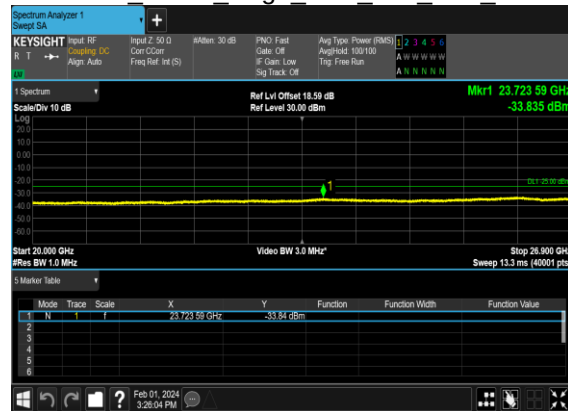
N41(10M)_DFT-s-
OFDM QPSK Edge 1RB Left High CH



N41(20M)_DFT-s-OFDM BPSK Edge 1RB Left Low CH



N41(20M)_DFT-s-OFDM BPSK Edge 1RB Left Low CH



N41(20M)_DFT-s-OFDM QPSK Edge 1RB Left Low CH



N41(20M)_DFT-s-OFDM QPSK Edge 1RB Left Low CH



N41(20M)_DFT-s-OFDM BPSK Edge 1RB Left Mid CH



N41(20M)_DFT-s-OFDM BPSK Edge 1RB Left Mid CH



N41(20M)_DFT-s-
OFDM QPSK Edge 1RB Left Mid CH



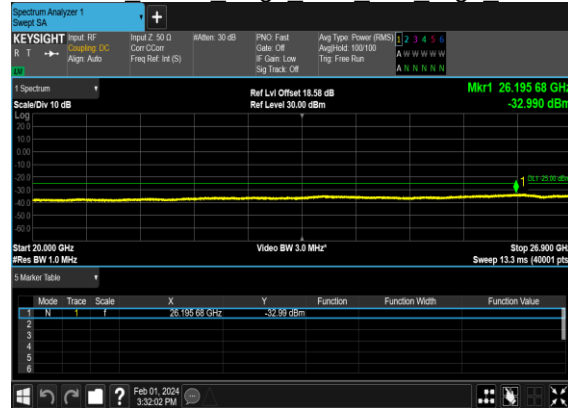
N41(20M)_DFT-s-
OFDM QPSK Edge 1RB Left Mid CH



N41(20M)_DFT-s-
OFDM BPSK Edge 1RB Left High CH



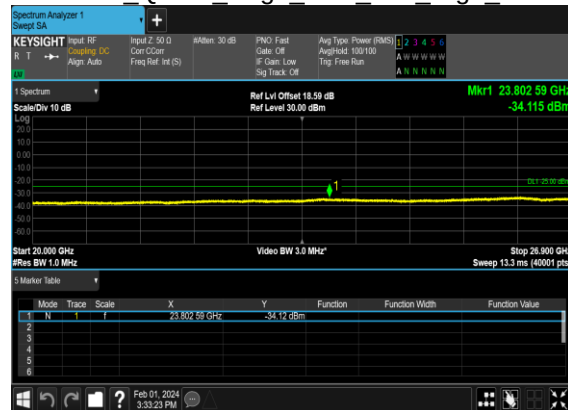
N41(20M)_DFT-s-
OFDM BPSK Edge 1RB Left High CH



N41(20M)_DFT-s-
OFDM QPSK Edge 1RB Left High CH



N41(20M)_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



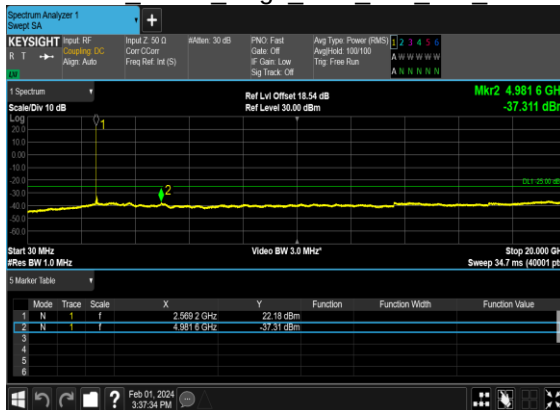
N41(50M)_DFT-s-OFDM QPSK Edge 1RB Left Low CH



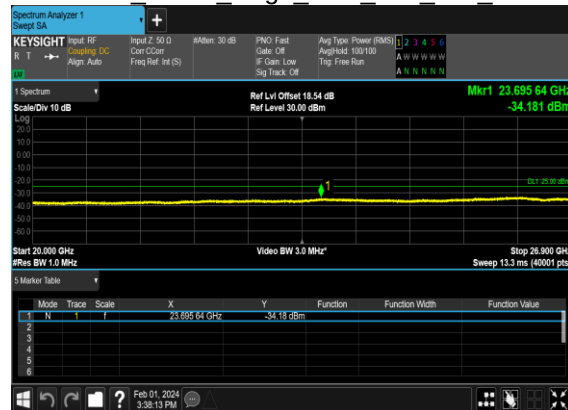
N41(50M)_DFT-s-OFDM QPSK Edge 1RB Left Low CH



N41(50M)_DFT-s-OFDM BPSK Edge 1RB Left Mid CH



N41(50M)_DFT-s-OFDM BPSK Edge 1RB Left Mid CH



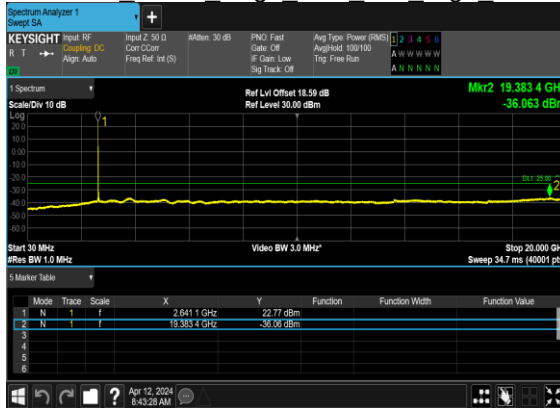
N41(50M)_DFT-s-
OFDM QPSK Edge 1RB Left Mid CH



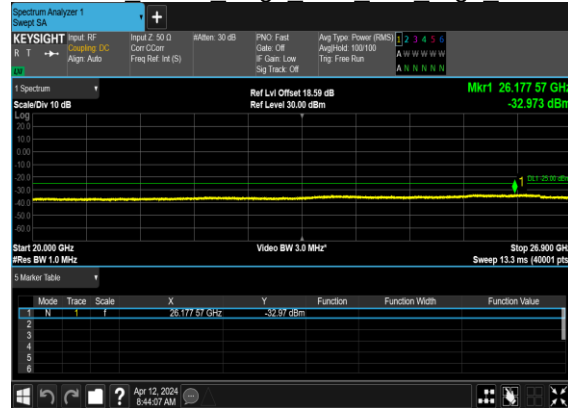
N41(50M)_DFT-s-
OFDM QPSK Edge 1RB Left Mid CH



N41(50M)_DFT-s-
OFDM BPSK Edge 1RB Left High CH



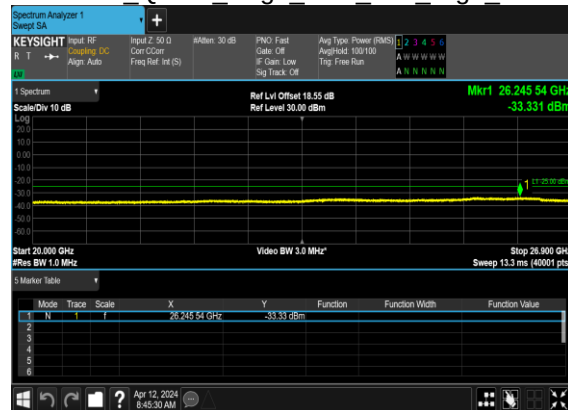
N41(50M)_DFT-s-
OFDM BPSK Edge 1RB Left High CH



N41(50M)_DFT-s-
OFDM QPSK Edge 1RB Left High CH



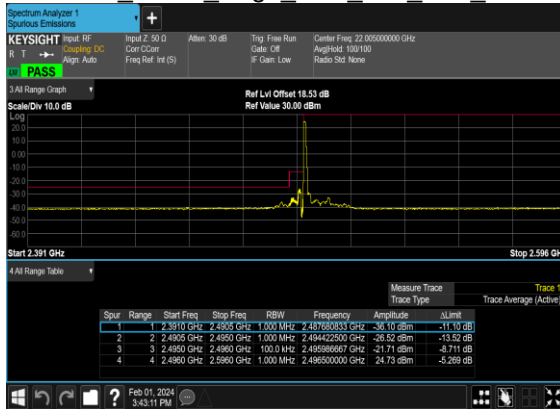
N41(50M)_DFT-s-
OFDM QPSK Edge 1RB Left High CH



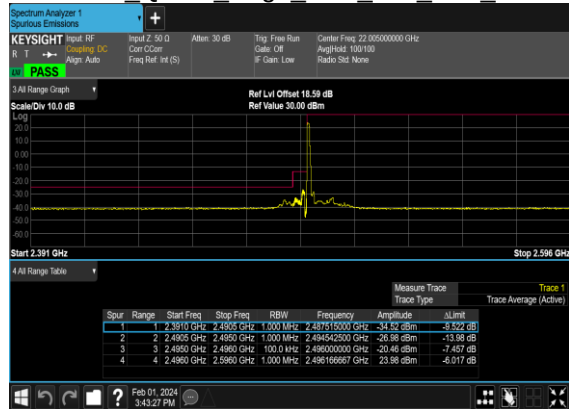
Conducted Band Edge

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	PASS
41	15	10	500202	2501.01	DFT-s-OFDM QPSK	1@0	see graph	PASS
41	15	10	500202	2501.01	DFT-s-OFDM BPSK	50@0	see graph	PASS
41	15	10	500202	2501.01	DFT-s-OFDM QPSK	50@0	see graph	PASS
41	15	10	537000	2685.0	DFT-s-OFDM BPSK	1@51	see graph	PASS
41	15	10	537000	2685.0	DFT-s-OFDM QPSK	1@51	see graph	PASS
41	15	10	537000	2685.0	DFT-s-OFDM BPSK	50@0	see graph	PASS
41	15	10	537000	2685.0	DFT-s-OFDM QPSK	50@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	PASS
41	15	20	501201	2506.005	DFT-s-OFDM BPSK	100@0	see graph	PASS
41	15	20	501201	2506.005	DFT-s-OFDM QPSK	100@0	see graph	PASS
41	15	20	535998	2679.99	DFT-s-OFDM BPSK	1@105	see graph	PASS
41	15	20	535998	2679.99	DFT-s-OFDM QPSK	1@105	see graph	PASS
41	15	20	535998	2679.99	DFT-s-OFDM BPSK	100@0	see graph	PASS
41	15	20	535998	2679.99	DFT-s-OFDM QPSK	100@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	PASS
41	15	50	504201	2521.005	DFT-s-OFDM BPSK	270@0	see graph	PASS
41	15	50	504201	2521.005	DFT-s-OFDM QPSK	270@0	see graph	PASS
41	15	50	532998	2664.99	DFT-s-OFDM BPSK	1@269	see graph	PASS
41	15	50	532998	2664.99	DFT-s-OFDM QPSK	1@269	see graph	PASS
41	15	50	532998	2664.99	DFT-s-OFDM BPSK	270@0	see graph	PASS
41	15	50	532998	2664.99	DFT-s-OFDM QPSK	270@0	see graph	PASS

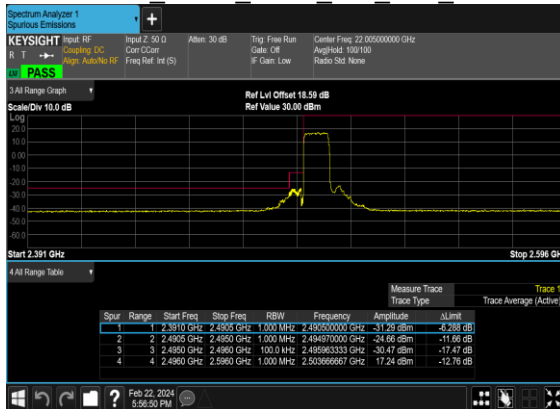
N41(10M)_DFT-s-OFDM BPSK Edge 1RB Left Low CH



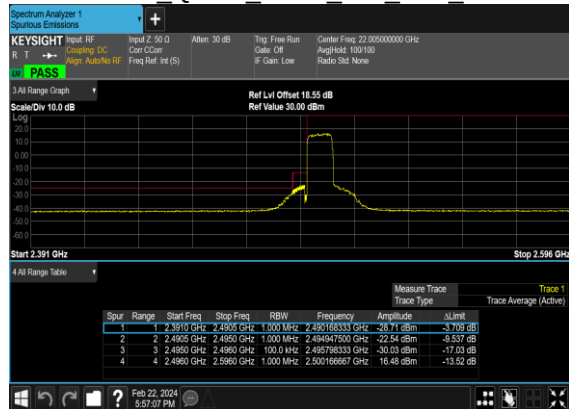
N41(10M)_DFT-s-OFDM QPSK Edge 1RB Left Low CH



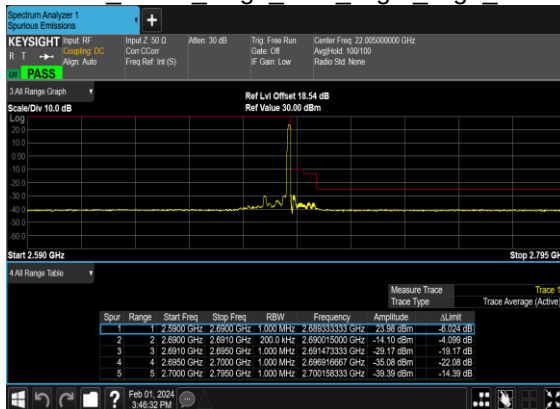
N41(10M)_DFT-s-OFDM BPSK Outer Full Low CH



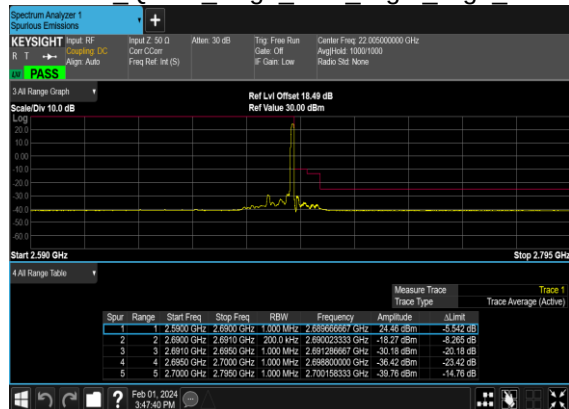
N41(10M)_DFT-s-OFDM QPSK Outer Full Low CH



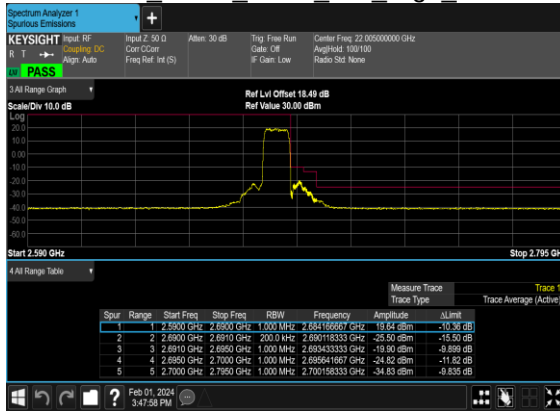
N41(10M)_DFT-s-OFDM BPSK Edge 1RB Right High CH



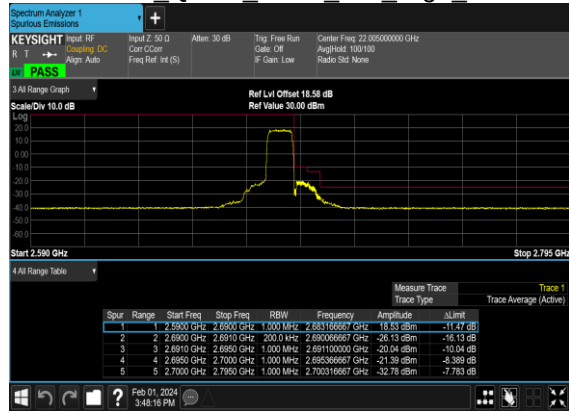
N41(10M)_DFT-s-OFDM QPSK Edge 1RB Right High CH



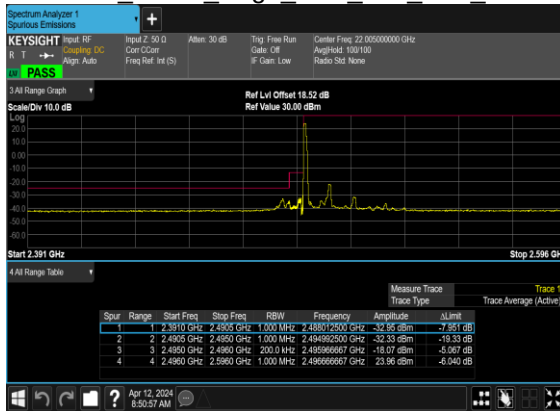
N41(10M)_DFT-s-
OFDM BPSK Outer Full High CH



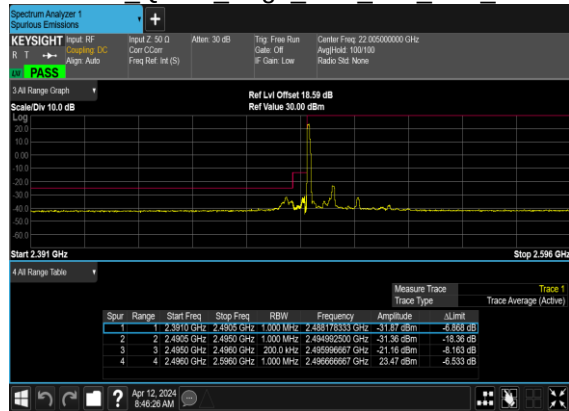
N41(10M)_DFT-s-
OFDM QPSK Outer Full High CH



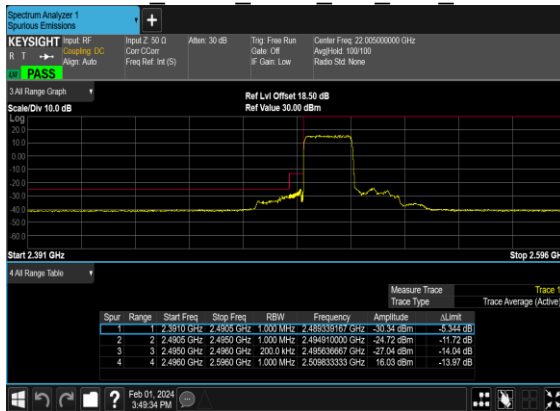
N41(20M)_DFT-s-
OFDM BPSK Edge 1RB Left Low CH



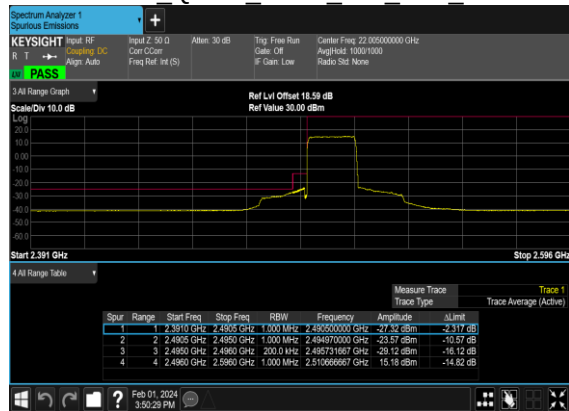
N41(20M)_DFT-s-
OFDM QPSK Edge 1RB Left Low CH



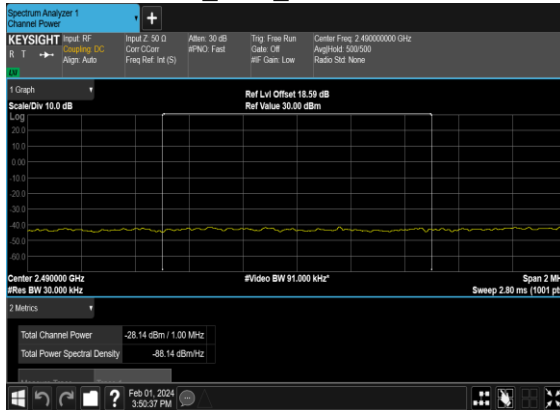
N41(20M)_DFT-s-
OFDM BPSK Outer Full Low CH



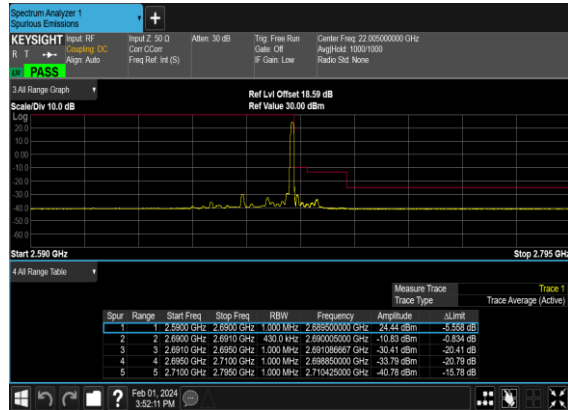
N41(20M)_DFT-s-
OFDM QPSK Outer Full Low CH



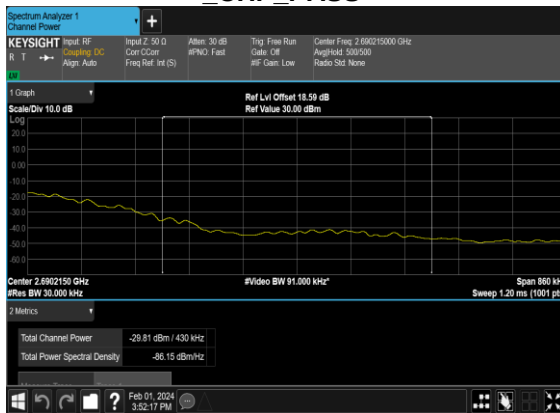
N41(20M)_DFT-s-
OFDM_QPSK_Outer_Full_Low_CH
_CHP_PASS



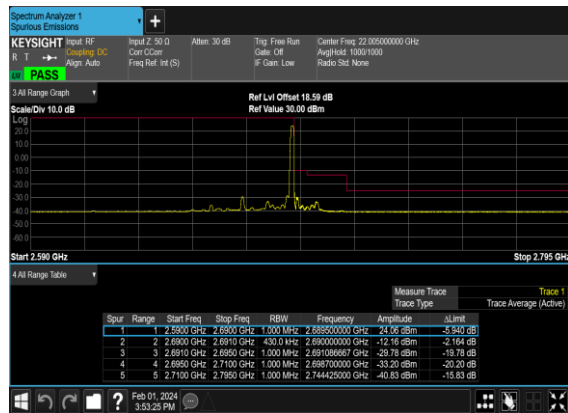
N41(20M)_DFT-s-
OFDM_BPSK_Edge_1RB_Right_High_CH



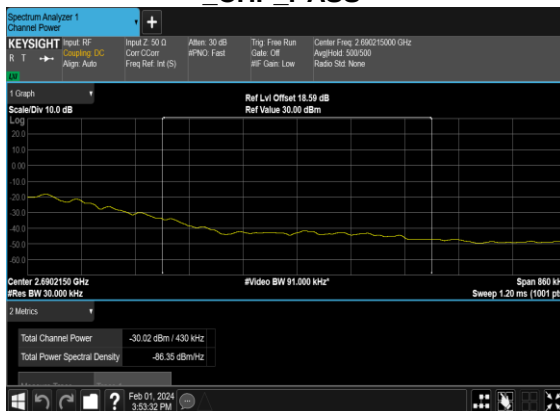
N41(20M)_DFT-s-
OFDM_BPSK_Edge_1RB_Right_High_CH
_CHP_PASS



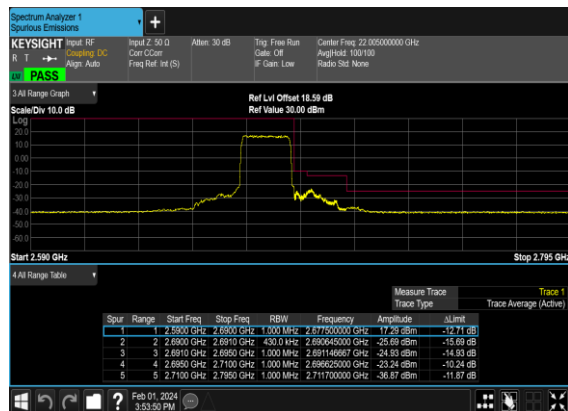
N41(20M)_DFT-s-
OFDM_QPSK_Edge_1RB_Right_High_CH



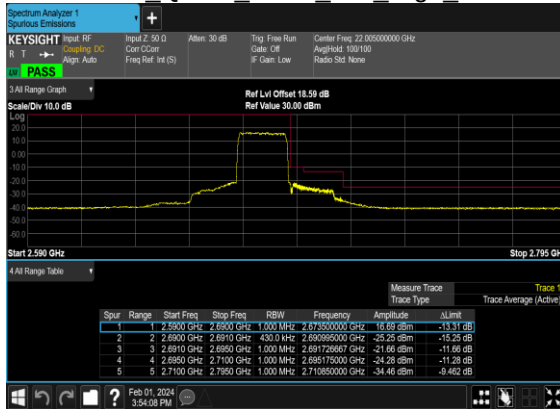
N41(20M)_DFT-s-
OFDM_QPSK_Edge_1RB_Right_High_CH
_CHP_PASS



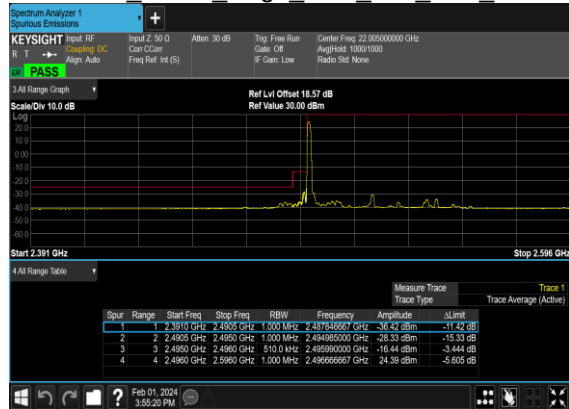
N41(20M)_DFT-s-
OFDM_BPSK_Outer_Full_High_CH



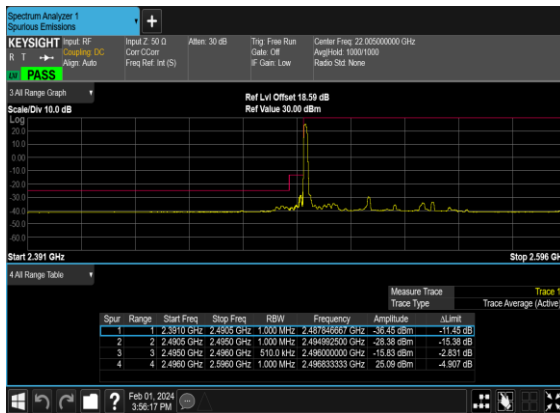
N41(20M)_DFT-s-OFDM QPSK Outer Full High CH



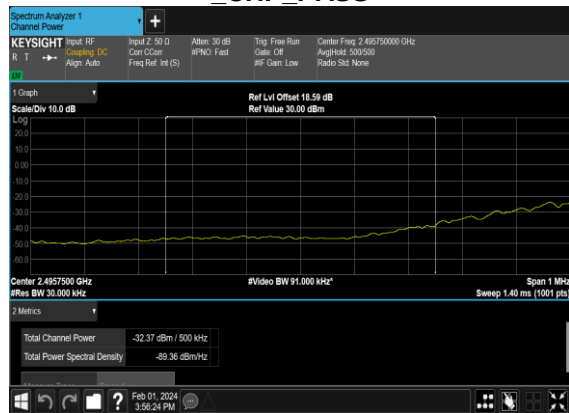
N41(50M)_DFT-s-OFDM BPSK Edge 1RB Left Low CH



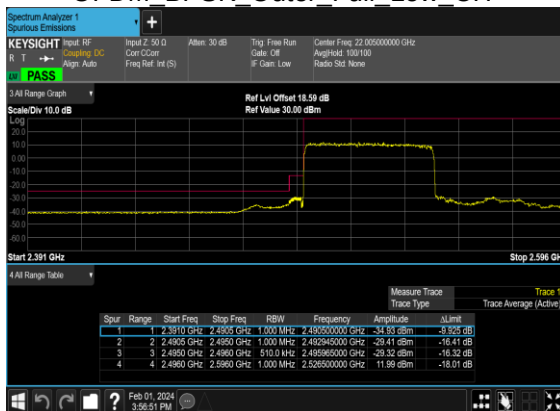
N41(50M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



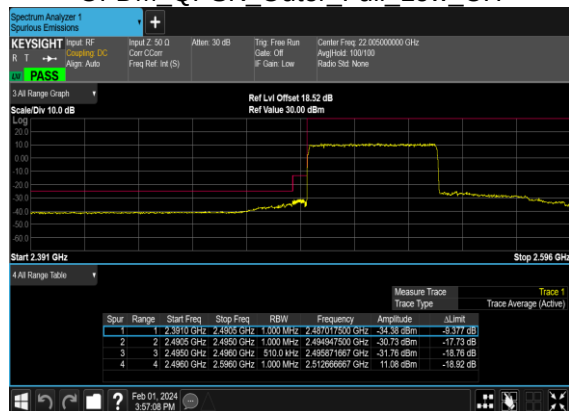
N41(50M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH CHP PASS



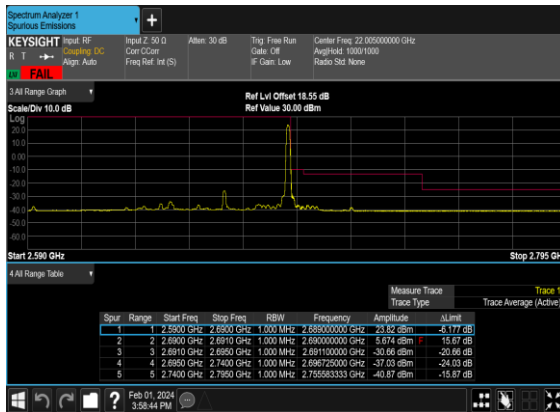
N41(50M)_DFT-s-OFDM BPSK Outer Full Low CH



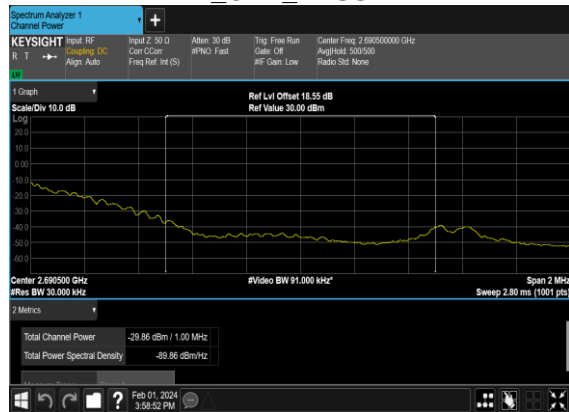
N41(50M)_DFT-s-OFDM QPSK Outer Full Low CH



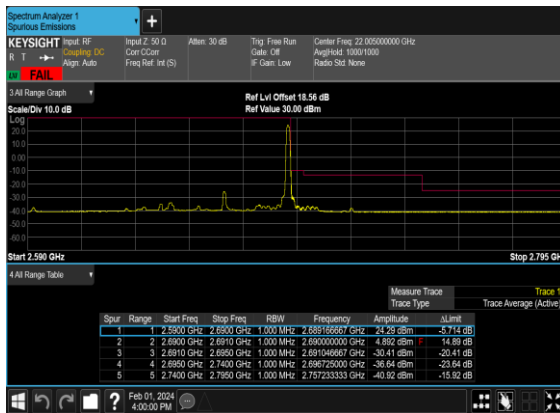
N41(50M)_DFT-s- OFDM_BPSK_Edge_1RB_Right_High_CH



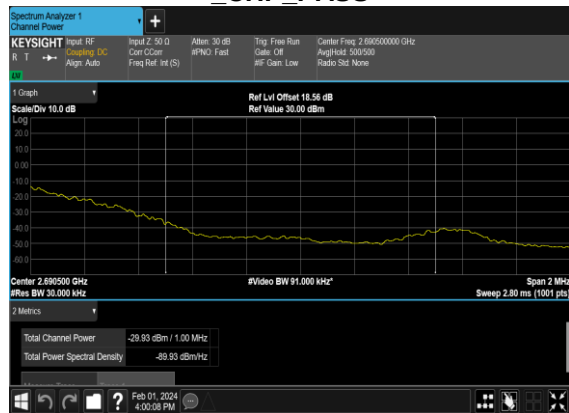
N41(50M)_DFT-s- OFDM_BPSK_Edge_1RB_Right_High_CH _CHP_PASS



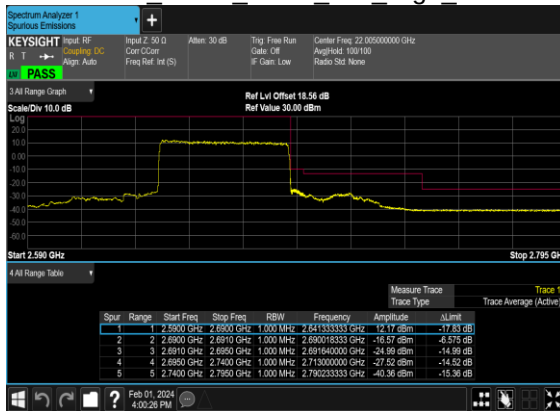
N41(50M)_DFT-s- OFDM_QPSK_Edge_1RB_Right_High_CH



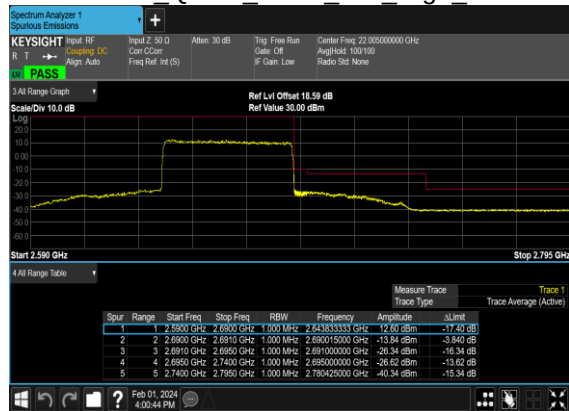
N41(50M)_DFT-s- OFDM_QPSK_Edge_1RB_Right_High_CH _CHP_PASS



N41(50M)_DFT-s- OFDM_BPSK_Outer_Full_High_CH



N41(50M)_DFT-s- OFDM_QPSK_Outer_Full_High_CH



FR1 N41 MIMO-ANT(3+8)_ANT8 – SCS 15k

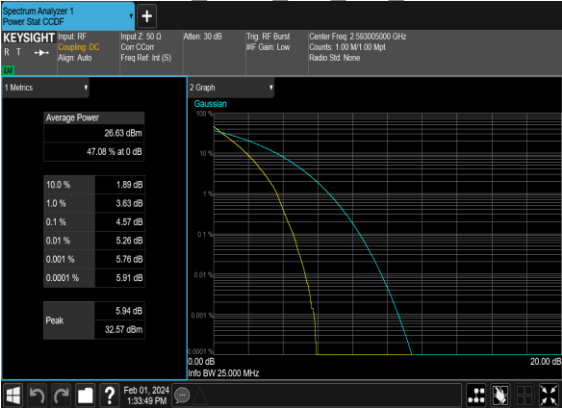
Frequency Stability

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	0.0040	PASS	NV
41	15	20	518601	2593.005	DFT-s-OFDM QPSK	100@0	0.0026	PASS	LV
41	15	20	518601	2593.005	DFT-s-OFDM QPSK	100@0	0.0065	PASS	HV
41	15	20	518601	2593.005	DFT-s-OFDM QPSK	100@0	0.0036	PASS	-30°C
41	15	20	518601	2593.005	DFT-s-OFDM QPSK	100@0	0.0056	PASS	-20°C
41	15	20	518601	2593.005	DFT-s-OFDM QPSK	100@0	0.0024	PASS	-10°C
41	15	20	518601	2593.005	DFT-s-OFDM QPSK	100@0	0.0045	PASS	0°C
41	15	20	518601	2593.005	DFT-s-OFDM QPSK	100@0	0.0040	PASS	10°C
41	15	20	518601	2593.005	DFT-s-OFDM QPSK	100@0	0.0040	PASS	20°C
41	15	20	518601	2593.005	DFT-s-OFDM QPSK	100@0	0.0056	PASS	30°C
41	15	20	518601	2593.005	DFT-s-OFDM QPSK	100@0	0.0060	PASS	40°C
41	15	20	518601	2593.005	DFT-s-OFDM QPSK	100@0	0.0025	PASS	50°C

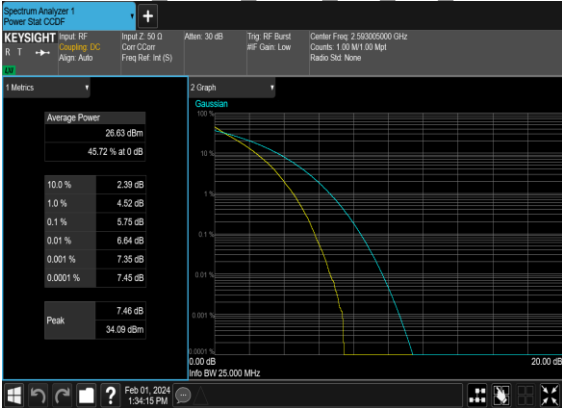
Peak to Average Ratio

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	4.57	13	PASS
41	15	20	518601	2593.005	DFT-s-OFDM QPSK	100@0	5.75	13	PASS

N41(20M)_DFT-s-OFDM_PI_2-
BPSK_Outer_Full_Mid_CH



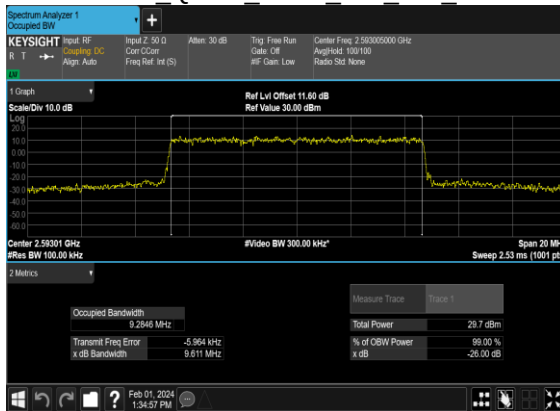
N41(20M)_DFT-s-
OFDM_QPSK_Outer_Full_Mid_CH



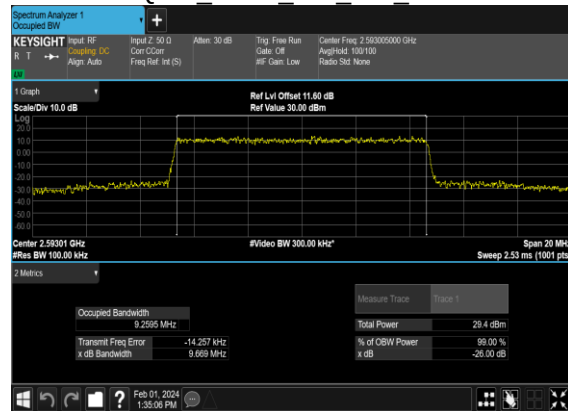
Occupied Bandwidth

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	9.2846	9.611
41	15	10	518601	2593.01	CP-OFDM 16 QAM	52@0	9.2595	9.669
41	15	10	518601	2593.01	CP-OFDM 64 QAM	52@0	9.2684	9.723
41	15	10	518601	2593.01	CP-OFDM 256 QAM	52@0	9.2655	9.646
41	15	15	518601	2593.01	CP-OFDM QPSK	79@0	14.067	14.63
41	15	15	518601	2593.01	CP-OFDM 16 QAM	79@0	14.089	14.63
41	15	15	518601	2593.01	CP-OFDM 64 QAM	79@0	14.116	14.58
41	15	15	518601	2593.01	CP-OFDM 256 QAM	79@0	14.075	14.54
41	15	20	518601	2593.01	CP-OFDM QPSK	106@0	18.918	19.67
41	15	20	518601	2593.01	CP-OFDM 16 QAM	106@0	18.933	19.59
41	15	20	518601	2593.01	CP-OFDM 64 QAM	106@0	18.945	19.55
41	15	20	518601	2593.01	CP-OFDM 256 QAM	106@0	18.844	19.65
41	15	30	518601	2593.01	CP-OFDM QPSK	160@0	28.568	29.47
41	15	30	518601	2593.01	CP-OFDM 16 QAM	160@0	28.469	29.67
41	15	30	518601	2593.01	CP-OFDM 64 QAM	160@0	28.452	29.43
41	15	30	518601	2593.01	CP-OFDM 256 QAM	160@0	28.523	29.48
41	15	40	518598	2593.01	CP-OFDM QPSK	216@0	38.519	39.86
41	15	40	518598	2593.01	CP-OFDM 16 QAM	216@0	38.432	39.82
41	15	40	518598	2593.01	CP-OFDM 64 QAM	216@0	38.517	39.82
41	15	40	518598	2593.01	CP-OFDM 256 QAM	216@0	38.604	39.88
41	15	50	518601	2593.01	CP-OFDM QPSK	270@0	48.208	49.74
41	15	50	518601	2593.01	CP-OFDM 16 QAM	270@0	48.129	49.71
41	15	50	518601	2593.01	CP-OFDM 64 QAM	270@0	48.129	49.76
41	15	50	518601	2593.01	CP-OFDM 256 QAM	270@0	48.234	49.76

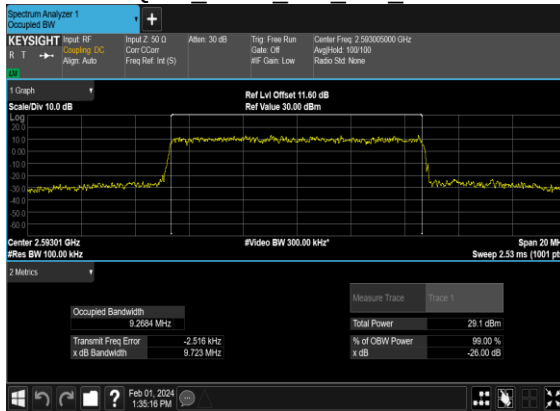
N41(10M)_CP-OFDM_QPSK Outer Full Mid CH



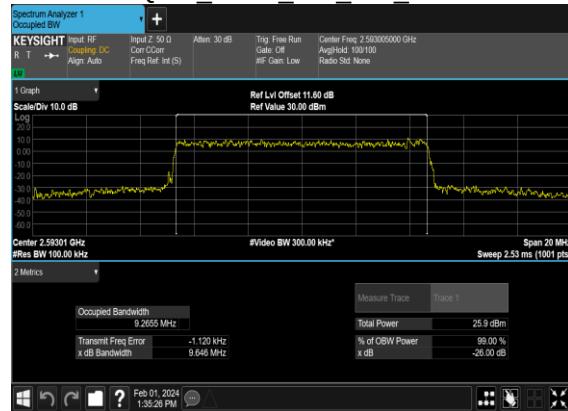
N41(10M)_CP-OFDM_16QAM Outer Full Mid CH



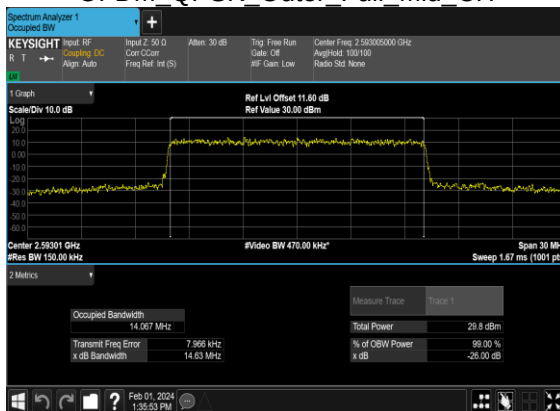
N41(10M)_CP-OFDM_64QAM Outer Full Mid CH



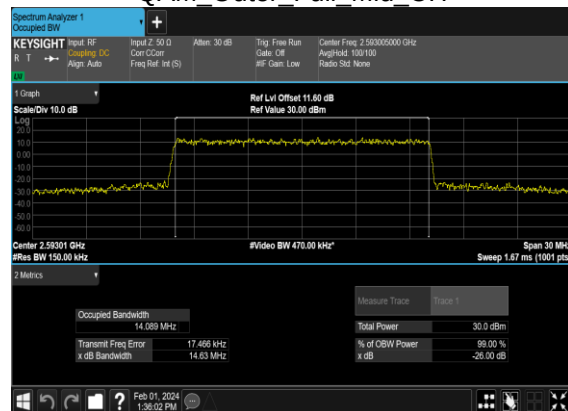
N41(10M)_CP-OFDM_256QAM Outer Full Mid CH



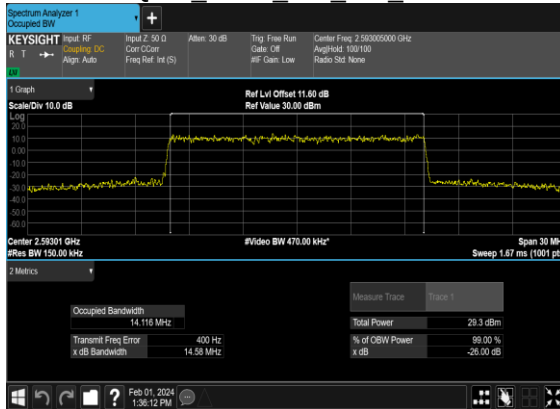
N41(15M)_CP-OFDM_QPSK Outer Full Mid CH



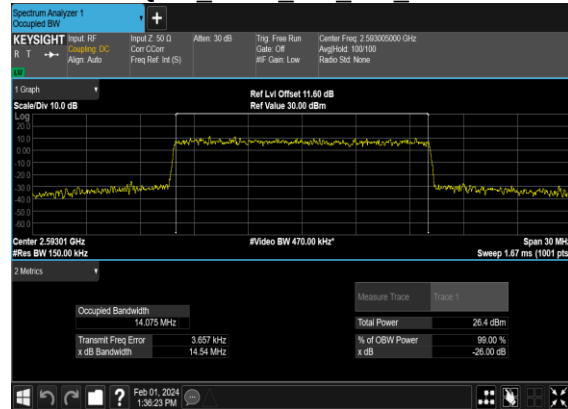
N41(15M)_CP-OFDM_16QAM Outer Full Mid CH



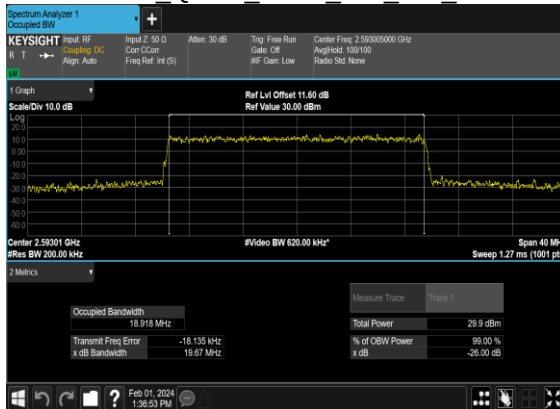
N41(15M)_CP-OFDM_64
QAM Outer Full Mid CH



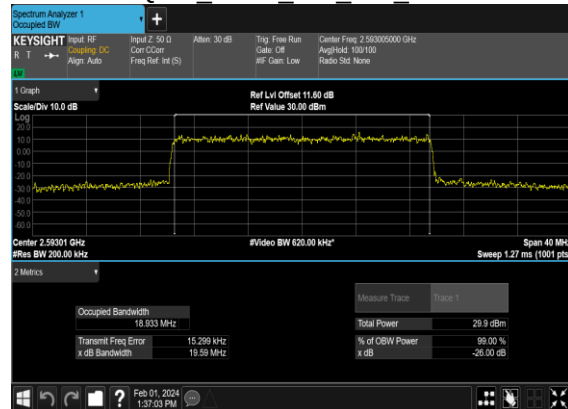
N41(15M)_CP-OFDM_256
QAM Outer Full Mid CH



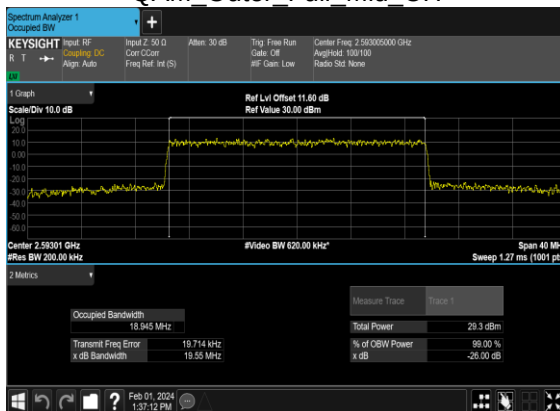
N41(20M)_CP-OFDM_QPSK Outer Full Mid CH



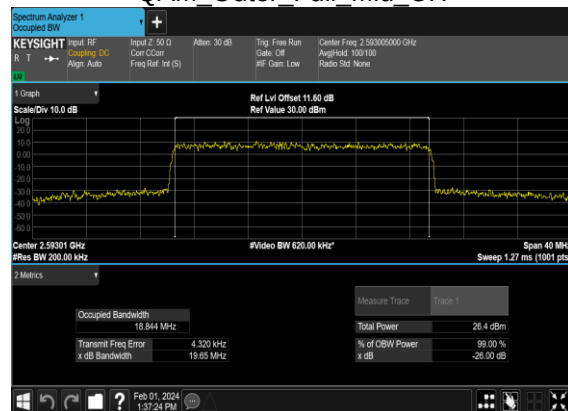
N41(20M)_CP-OFDM_16
QAM Outer Full Mid CH



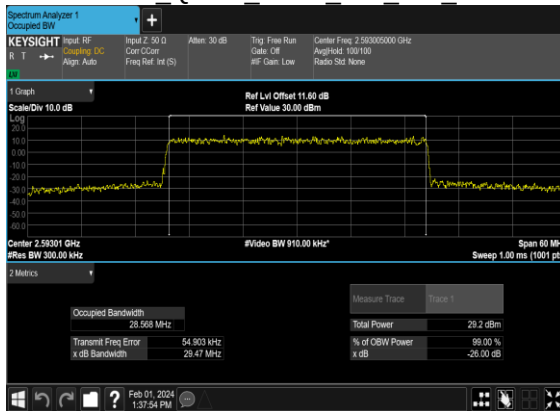
N41(20M)_CP-OFDM_64
QAM Outer Full Mid CH



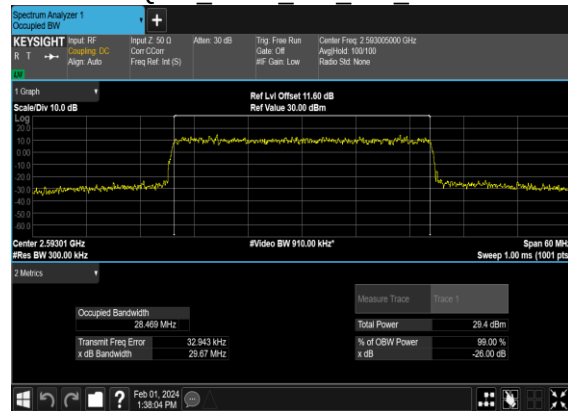
N41(20M)_CP-OFDM_256
QAM Outer Full Mid CH



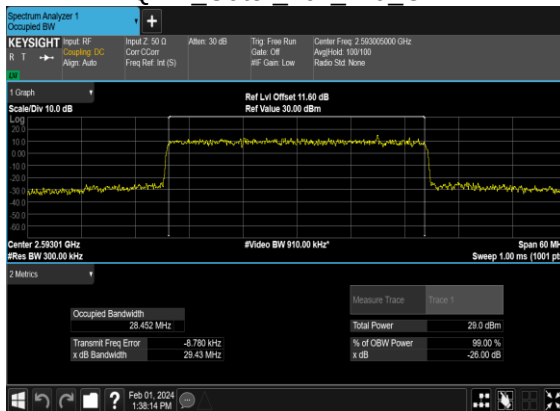
N41(30M)_CP-
OFDM QPSK Outer Full Mid CH



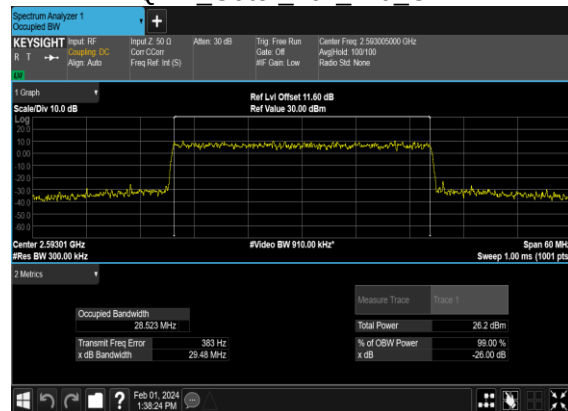
N41(30M)_CP-OFDM_16
QAM Outer Full Mid CH



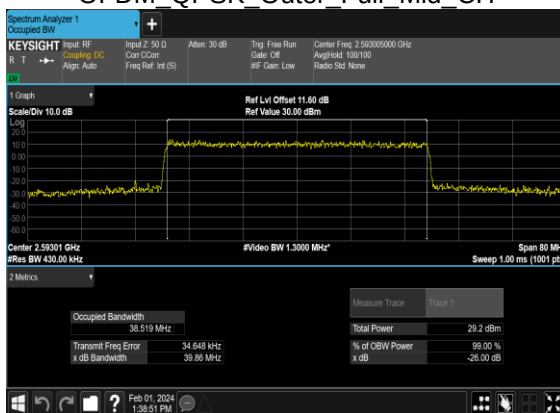
N41(30M)_CP-OFDM_64
QAM Outer Full Mid CH



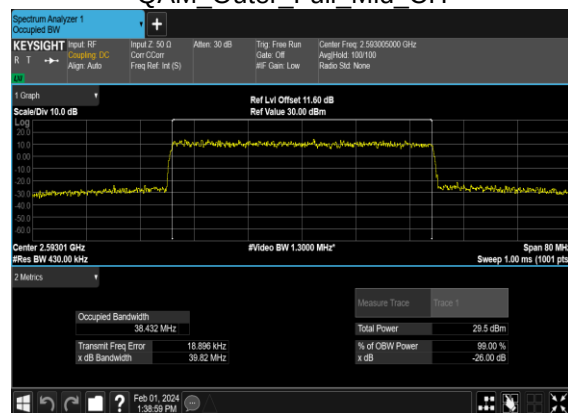
N41(30M)_CP-OFDM_256
QAM Outer Full Mid CH



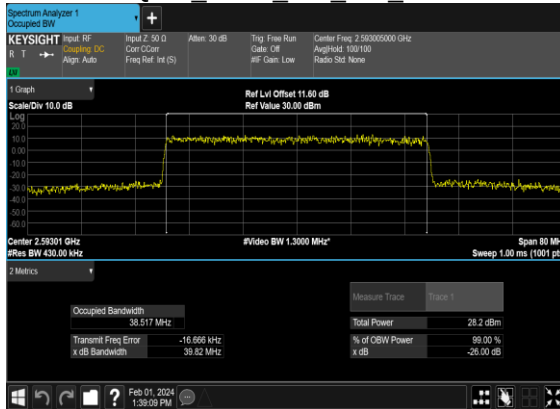
N41(40M)_CP-
OFDM QPSK Outer Full Mid CH



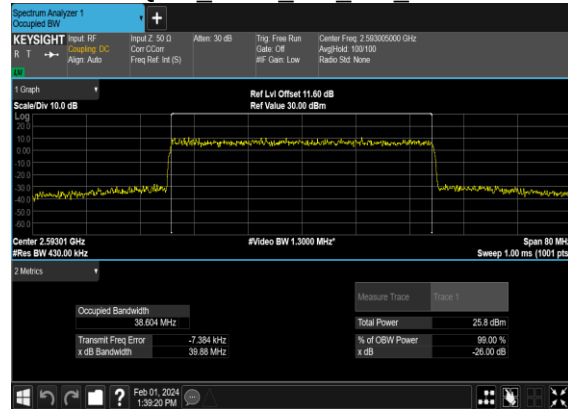
N41(40M)_CP-OFDM_16
QAM Outer Full Mid CH



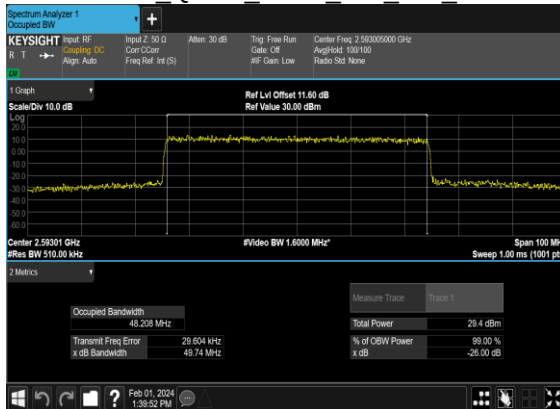
N41(40M)_CP-OFDM_64
QAM Outer Full Mid CH



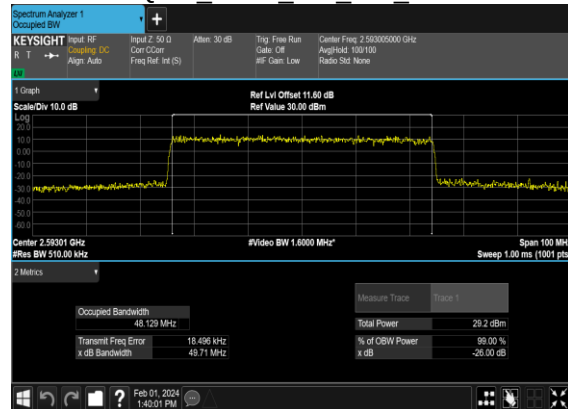
N41(40M)_CP-OFDM_256
QAM Outer Full Mid CH



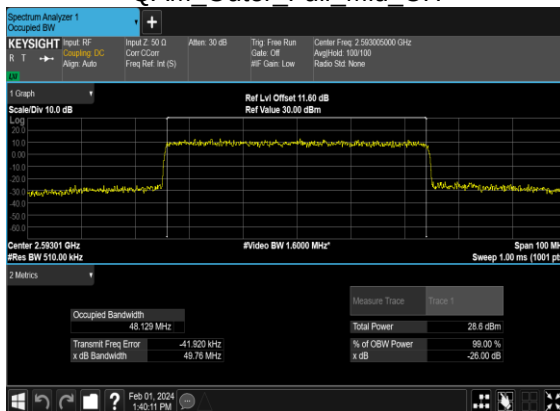
N41(50M)_CP-OFDM_QPSK Outer Full Mid CH



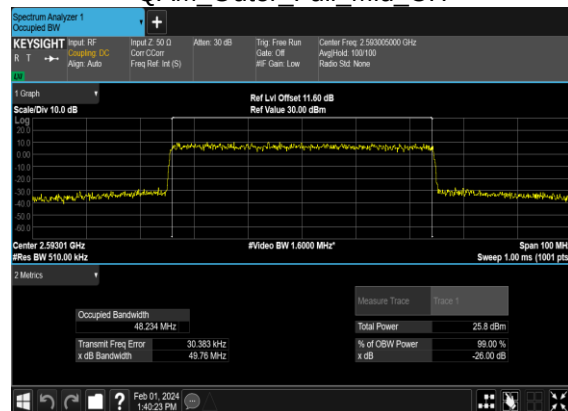
N41(50M)_CP-OFDM_16
QAM Outer Full Mid CH



N41(50M)_CP-OFDM_64
QAM Outer Full Mid CH



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

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



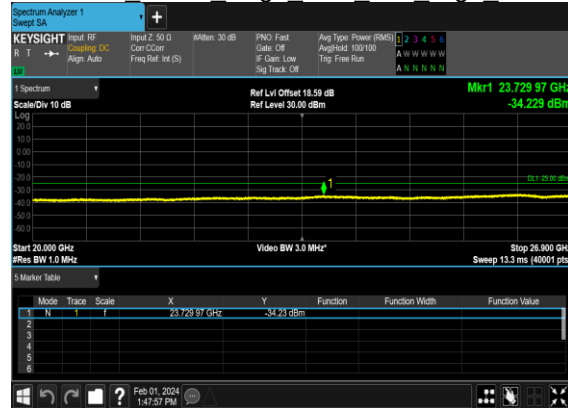
N41(10M)_DFT-s-OFDM QPSK Edge 1RB Left Mid CH



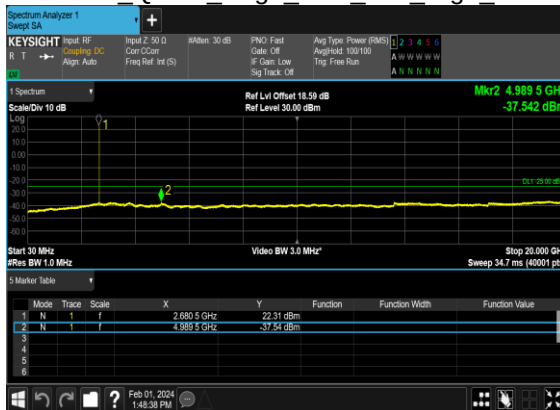
N41(10M)_DFT-s-OFDM BPSK Edge 1RB Left High CH



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(20M)_DFT-s-
OFDM BPSK Edge 1RB Left Low CH



N41(20M)_DFT-s-
OFDM BPSK Edge 1RB Left Low CH



N41(20M)_DFT-s-
OFDM QPSK Edge 1RB Left Low CH



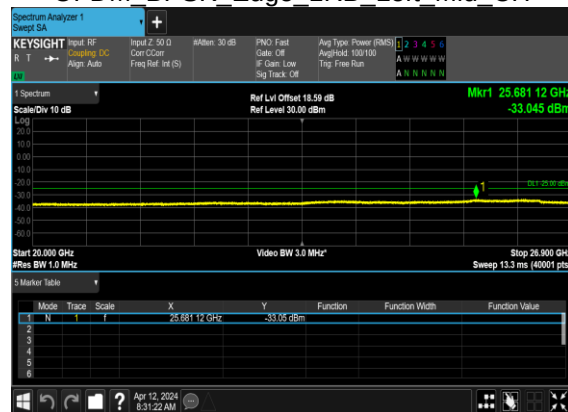
N41(20M)_DFT-s-
OFDM QPSK Edge 1RB Left Low CH



N41(20M)_DFT-s-
OFDM BPSK Edge 1RB Left Mid CH



N41(20M)_DFT-s-
OFDM BPSK Edge 1RB Left Mid CH



N41(20M)_DFT-s-OFDM QPSK Edge 1RB Left Mid CH



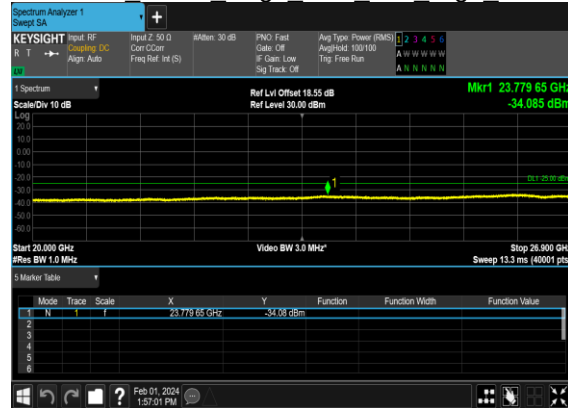
N41(20M)_DFT-s-OFDM QPSK Edge 1RB Left Mid CH



N41(20M)_DFT-s-OFDM BPSK Edge 1RB Left High CH



N41(20M)_DFT-s-OFDM BPSK Edge 1RB Left High CH



N41(20M)_DFT-s-OFDM QPSK Edge 1RB Left High CH



N41(20M)_DFT-s-OFDM QPSK Edge 1RB Left High CH

