

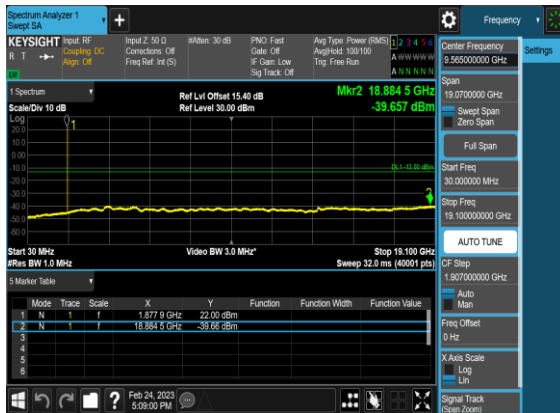
B7_N2(5M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



B7_N2(5M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



B7_N2(5M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



B7_N2(5M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



B7_N2(5M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



B7_N2(5M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH



B7_N2(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



B7_N2(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



B7_N2(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



B7_N2(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



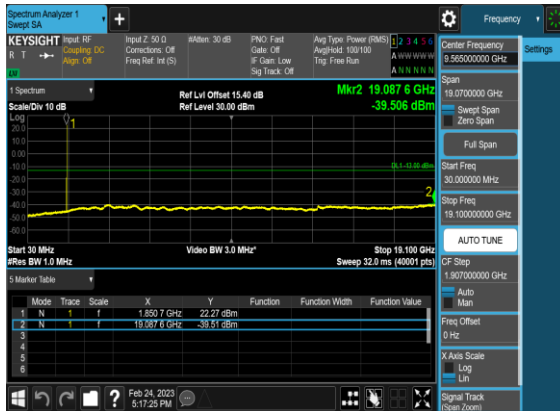
B7_N2(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



B7_N2(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH



B7_N2(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



B7_N2(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



B7_N2(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



B7_N2(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



B7_N2(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



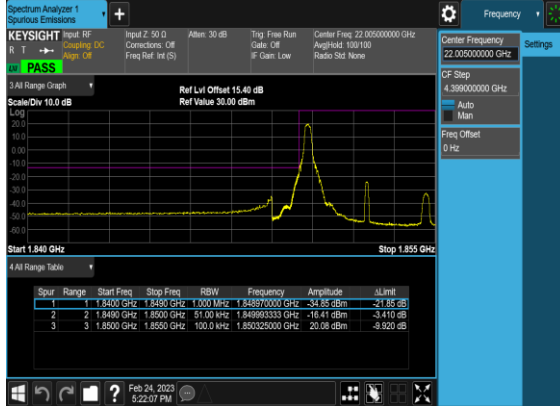
B7_N2(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH



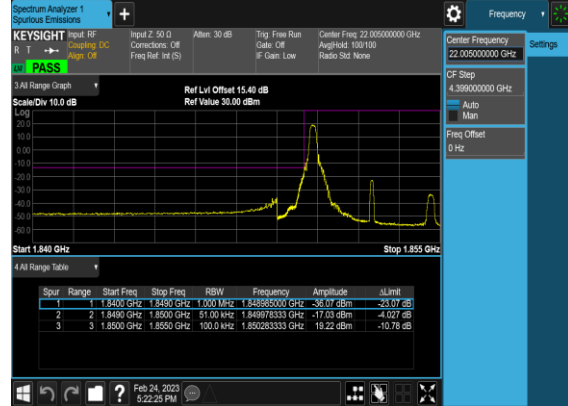
Conducted Band Edge

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
2	15	5	370500	1852.5	DFT-s-OFDM BPSK	1@0	see graph	PASS
2	15	5	370500	1852.5	DFT-s-OFDM QPSK	1@0	see graph	PASS
2	15	5	370500	1852.5	DFT-s-OFDM BPSK	25@0	see graph	PASS
2	15	5	370500	1852.5	DFT-s-OFDM QPSK	25@0	see graph	PASS
2	15	5	381500	1907.5	DFT-s-OFDM BPSK	1@24	see graph	PASS
2	15	5	381500	1907.5	DFT-s-OFDM QPSK	1@24	see graph	PASS
2	15	5	381500	1907.5	DFT-s-OFDM BPSK	25@0	see graph	PASS
2	15	5	381500	1907.5	DFT-s-OFDM QPSK	25@0	see graph	PASS
2	15	10	371000	1855.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
2	15	10	371000	1855.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
2	15	10	371000	1855.0	DFT-s-OFDM BPSK	50@0	see graph	PASS
2	15	10	371000	1855.0	DFT-s-OFDM QPSK	50@0	see graph	PASS
2	15	10	381000	1905.0	DFT-s-OFDM BPSK	1@51	see graph	PASS
2	15	10	381000	1905.0	DFT-s-OFDM QPSK	1@51	see graph	PASS
2	15	10	381000	1905.0	DFT-s-OFDM BPSK	50@0	see graph	PASS
2	15	10	381000	1905.0	DFT-s-OFDM QPSK	50@0	see graph	PASS
2	15	20	372000	1860.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
2	15	20	372000	1860.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
2	15	20	372000	1860.0	DFT-s-OFDM BPSK	100@0	see graph	PASS
2	15	20	372000	1860.0	DFT-s-OFDM QPSK	100@0	see graph	PASS
2	15	20	380000	1900.0	DFT-s-OFDM BPSK	1@105	see graph	PASS
2	15	20	380000	1900.0	DFT-s-OFDM QPSK	1@105	see graph	PASS
2	15	20	380000	1900.0	DFT-s-OFDM BPSK	100@0	see graph	PASS
2	15	20	380000	1900.0	DFT-s-OFDM QPSK	100@0	see graph	PASS

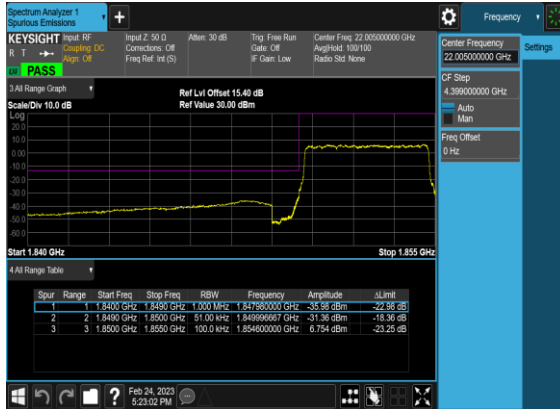
B7_N2(5M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



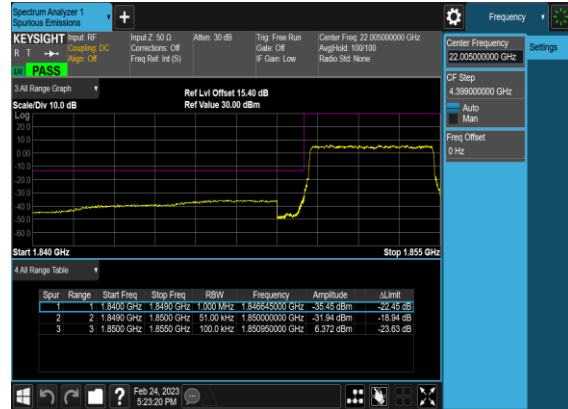
B7_N2(5M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH



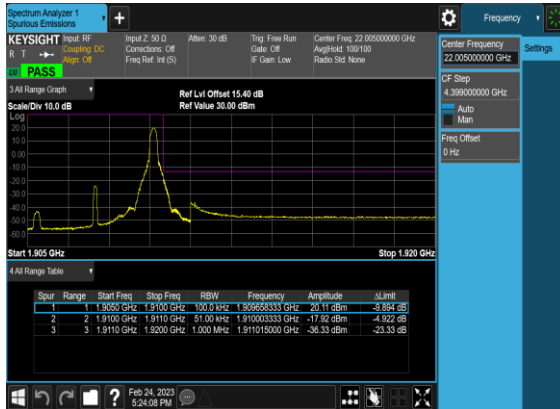
B7_N2(5M)_DFT-s-
OFDM_BPSK_Outer_Full_Low_CH



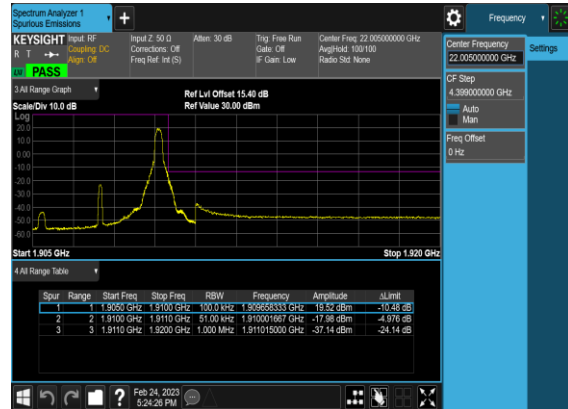
B7_N2(5M)_DFT-s-
OFDM_QPSK_Outer_Full_Low_CH



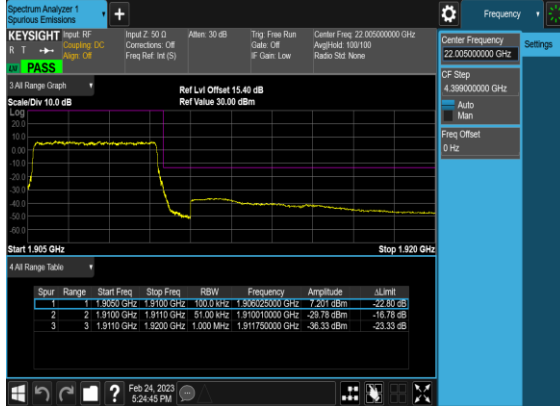
B7_N2(5M)_DFT-s-
OFDM_BPSK_Edge_1RB_Right_High_CH



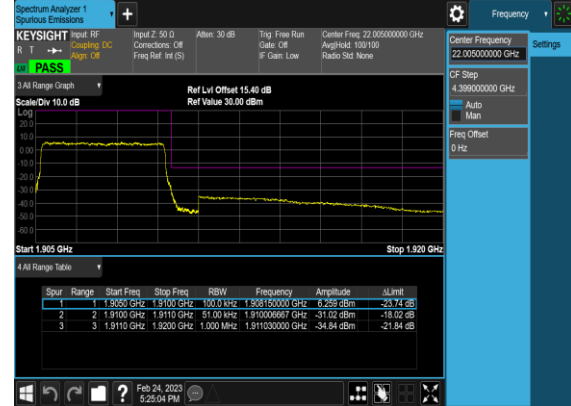
B7_N2(5M)_DFT-s-
OFDM_QPSK_Edge_1RB_Right_High_CH



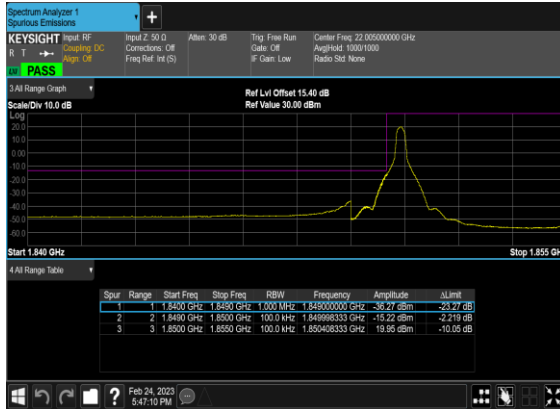
B7_N2(5M)_DFT-s-
OFDM_BPSK_Outer_Full_High_CH



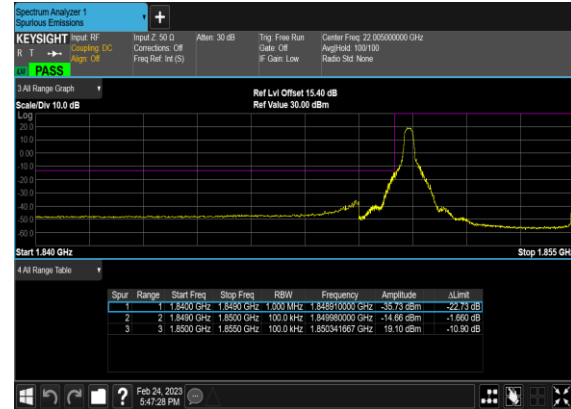
B7_N2(5M)_DFT-s-
OFDM_QPSK_Outer_Full_High_CH



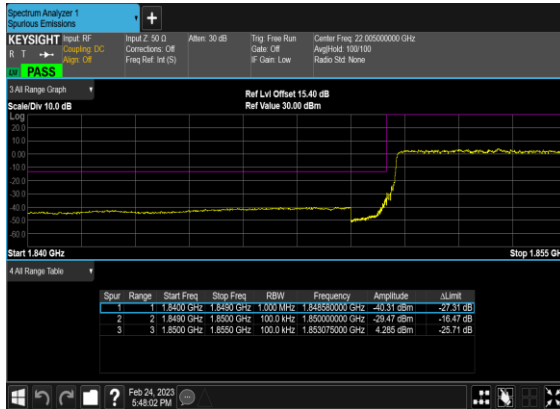
B7_N2(10M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



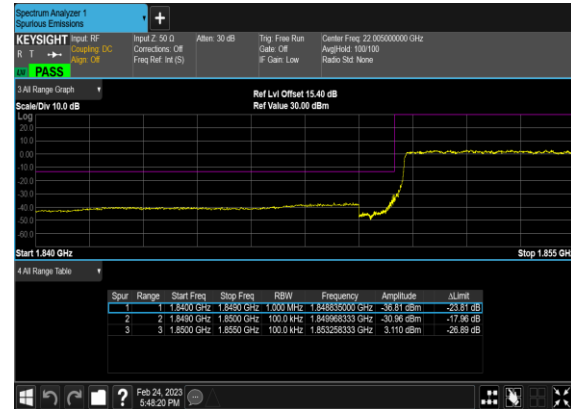
B7_N2(10M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH



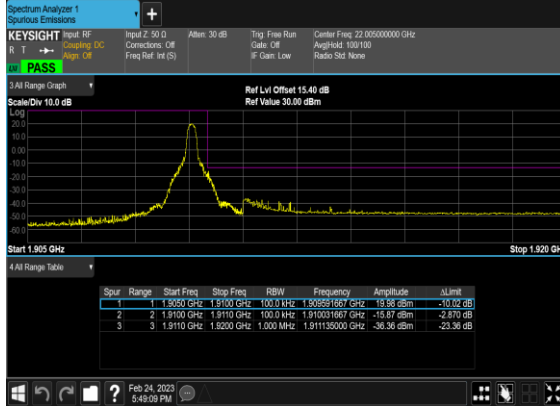
B7_N2(10M)_DFT-s-
OFDM_BPSK_Outer_Full_Low_CH



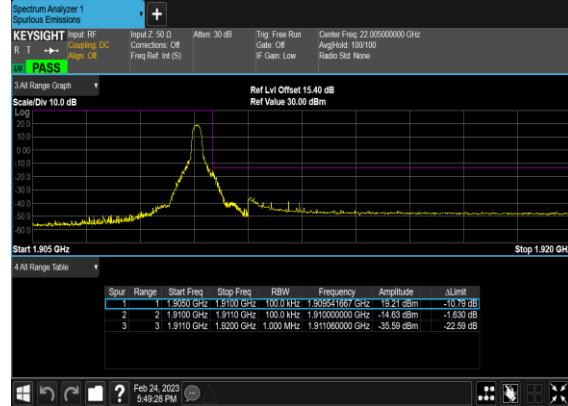
B7_N2(10M)_DFT-s-
OFDM_QPSK_Outer_Full_Low_CH



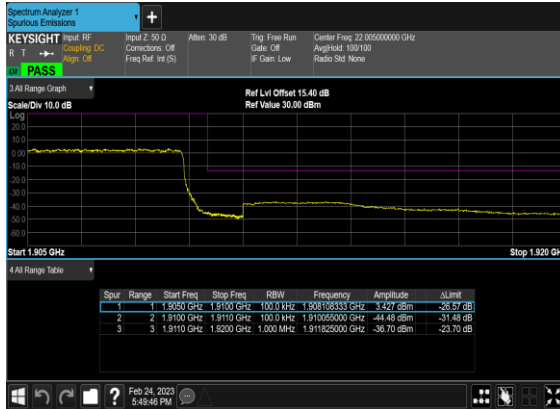
B7_N2(10M)_DFT-s-
OFDM_BPSK_Edge_1RB_Right_High_CH



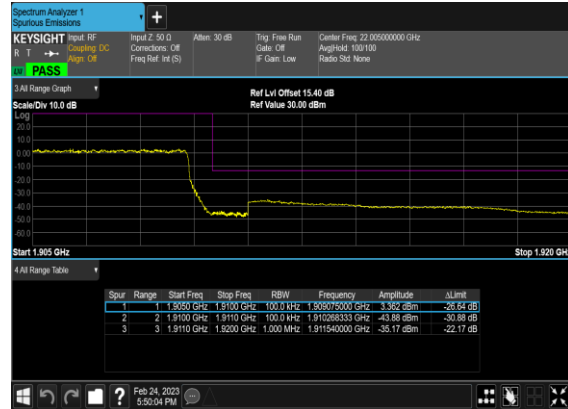
B7_N2(10M)_DFT-s-
OFDM_QPSK_Edge_1RB_Right_High_CH



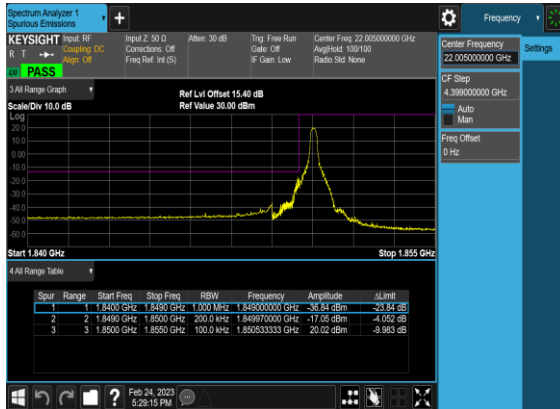
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OFDM_BPSK_Outer_Full_High_CH



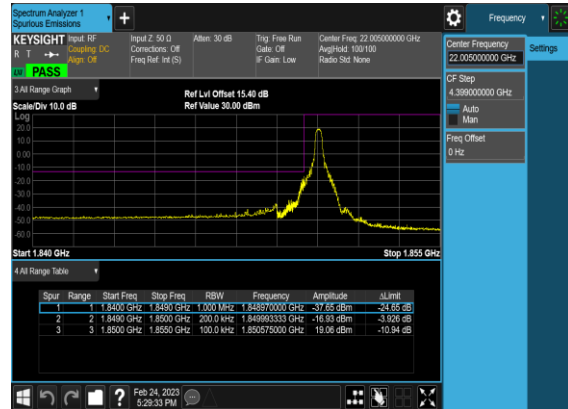
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OFDM_QPSK_Outer_Full_High_CH



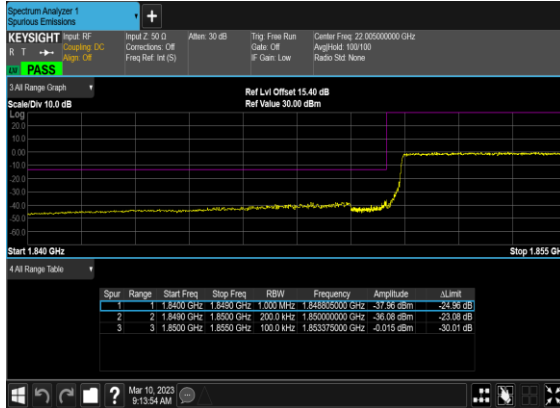
B7_N2(20M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



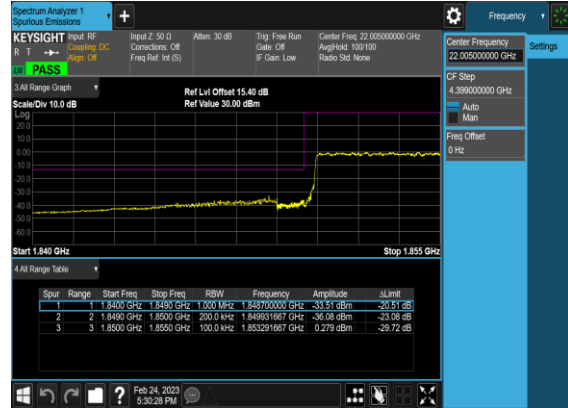
B7_N2(20M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH



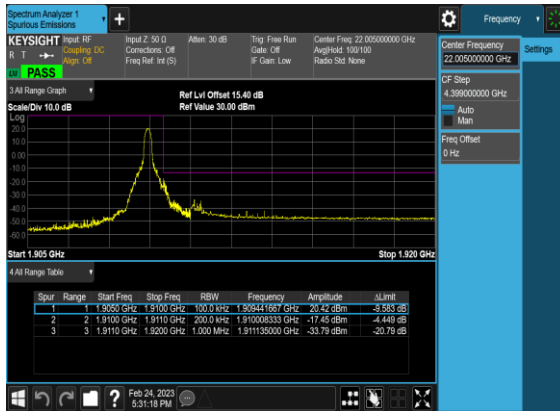
B7_N2(20M)_DFT-s-
OFDM_BPSK_Outer_Full_Low_CH



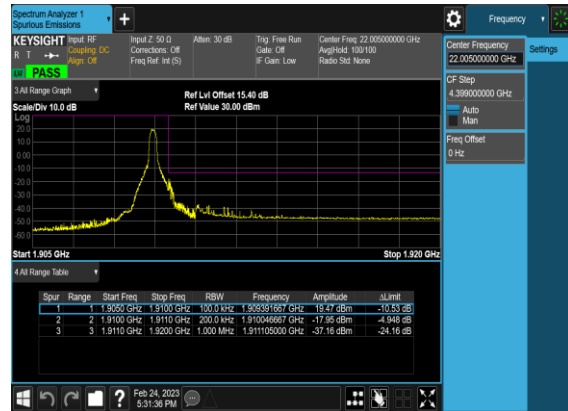
B7_N2(20M)_DFT-s-
OFDM_QPSK_Outer_Full_Low_CH



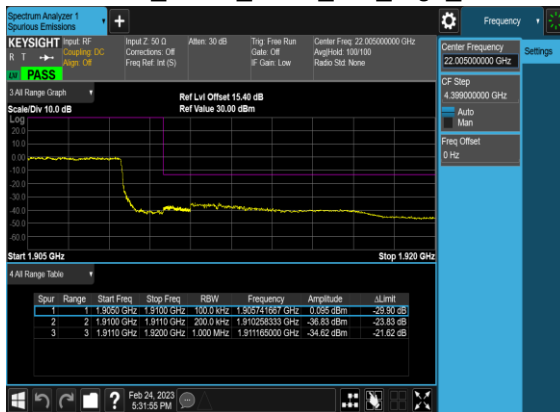
B7_N2(20M)_DFT-s-
OFDM_BPSK_Edge_1RB_Right_High_CH



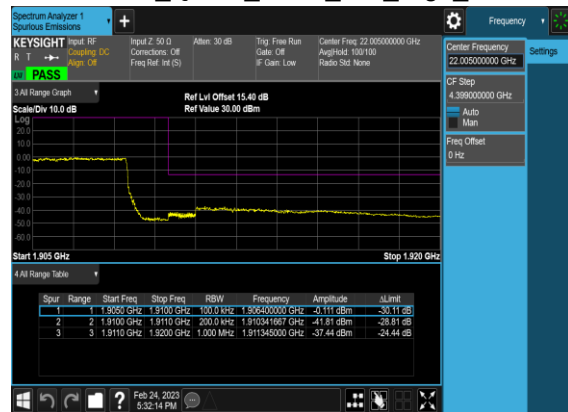
B7_N2(20M)_DFT-s-
OFDM_QPSK_Edge_1RB_Right_High_CH



B7_N2(20M)_DFT-s-
OFDM_BPSK_Outer_Full_High_CH



B7_N2(20M)_DFT-s-
OFDM_QPSK_Outer_Full_High_CH



FR1 N5(ANT0)

Transmitter Conducted Output Power And ERP, (G_T-L_C)=-3.0dB

NR Band	SCS	BandWidth	Arfcn	Freq (MHz)	Modulation	RB	Conducted Power (dBm)	ERP (dBm)	ERP (W)
5	15	5	165300	836.5	DFT-s-OFDM PI/2 BPSK	1@1	23.61	18.46	0.0701
5	15	5	167300	836.5	DFT-s-OFDM PI/2 BPSK	1@1	23.52	18.37	0.0687
5	15	5	169300	846.5	DFT-s-OFDM PI/2 BPSK	1@1	23.42	18.27	0.0671
5	15	10	165800	829	DFT-s-OFDM PI/2 BPSK	1@1	23.63	18.48	0.0705
5	15	10	167300	836.5	DFT-s-OFDM PI/2 BPSK	1@1	23.52	18.37	0.0687
5	15	10	168800	844	DFT-s-OFDM PI/2 BPSK	1@1	23.41	18.26	0.0670
5	15	15	166300	831.5	DFT-s-OFDM PI/2 BPSK	1@1	23.57	18.42	0.0695
5	15	15	167300	836.5	DFT-s-OFDM PI/2 BPSK	1@1	23.56	18.41	0.0693
5	15	15	168300	841.5	DFT-s-OFDM PI/2 BPSK	1@1	23.57	18.42	0.0695
5	15	20	166800	834	DFT-s-OFDM PI/2 BPSK	50@25	23.12	17.97	0.0627
5	15	20	166800	834	DFT-s-OFDM PI/2 BPSK	1@1	23.6	18.45	0.0700
5	15	20	166800	834	DFT-s-OFDM PI/2 BPSK	1@104	23.42	18.27	0.0671
5	15	20	166800	834	DFT-s-OFDM QPSK	50@25	23.59	18.44	0.0698
5	15	20	166800	834	DFT-s-OFDM QPSK	1@1	23.22	18.07	0.0641
5	15	20	166800	834	DFT-s-OFDM QPSK	1@104	23.46	18.31	0.0678
5	15	20	166800	834	DFT-s-OFDM 16 QAM	50@25	22.52	17.37	0.0546
5	15	20	166800	834	DFT-s-OFDM 16 QAM	1@1	22.27	17.12	0.0515
5	15	20	166800	834	DFT-s-OFDM 16 QAM	1@104	22.52	17.37	0.0546
5	15	20	166800	834	DFT-s-OFDM 64 QAM	50@25	20.7	15.55	0.0359
5	15	20	166800	834	DFT-s-OFDM 64 QAM	1@1	20.9	15.75	0.0376
5	15	20	166800	834	DFT-s-OFDM 64 QAM	1@104	20.57	15.42	0.0348
5	15	20	166800	834	DFT-s-OFDM 256 QAM	50@25	19.01	13.86	0.0243
5	15	20	166800	834	DFT-s-OFDM 256 QAM	1@1	18.96	13.81	0.0240
5	15	20	166800	834	DFT-s-OFDM 256 QAM	1@104	18.72	13.57	0.0228
5	15	20	166800	834	CP-OFDM QPSK	53@26	22.05	16.9	0.0490
5	15	20	166800	834	CP-OFDM QPSK	1@1	22.27	17.12	0.0515
5	15	20	166800	834	CP-OFDM QPSK	1@104	22.03	16.88	0.0488
5	15	20	167300	836.5	DFT-s-OFDM PI/2 BPSK	50@25	23.59	18.44	0.0698
5	15	20	167300	836.5	DFT-s-OFDM PI/2 BPSK	1@1	23.63	18.48	0.0705
5	15	20	167300	836.5	DFT-s-OFDM PI/2 BPSK	1@104	23.31	18.16	0.0655
5	15	20	167300	836.5	DFT-s-OFDM QPSK	50@25	23.62	18.47	0.0703
5	15	20	167300	836.5	DFT-s-OFDM QPSK	1@1	23.64	18.49	0.0706
5	15	20	167300	836.5	DFT-s-OFDM QPSK	1@104	22.93	17.78	0.0600
5	15	20	167300	836.5	DFT-s-OFDM 16 QAM	50@25	22.22	17.07	0.0509
5	15	20	167300	836.5	DFT-s-OFDM 16 QAM	1@1	22.36	17.21	0.0526
5	15	20	167300	836.5	DFT-s-OFDM 16 QAM	1@104	22.43	17.28	0.0535
5	15	20	167300	836.5	DFT-s-OFDM 64 QAM	50@25	20.74	15.59	0.0362
5	15	20	167300	836.5	DFT-s-OFDM 64 QAM	1@1	21.29	16.14	0.0411
5	15	20	167300	836.5	DFT-s-OFDM 64 QAM	1@104	20.55	15.4	0.0347
5	15	20	167300	836.5	DFT-s-OFDM 256 QAM	50@25	19.08	13.93	0.0247

5	15	20	167300	836.5	DFT-s-OFDM 256 QAM	1@1	18.56	13.41	0.0219
5	15	20	167300	836.5	DFT-s-OFDM 256 QAM	1@104	18.59	13.44	0.0221
5	15	20	167300	836.5	CP-OFDM QPSK	53@26	21.65	16.5	0.0447
5	15	20	167300	836.5	CP-OFDM QPSK	1@1	22.24	17.09	0.0512
5	15	20	167300	836.5	CP-OFDM QPSK	1@104	21.98	16.83	0.0482
5	15	20	167800	839	DFT-s-OFDM PI/2 BPSK	50@25	23.54	18.39	0.0690
5	15	20	167800	839	DFT-s-OFDM PI/2 BPSK	1@1	23.17	18.02	0.0634
5	15	20	167800	839	DFT-s-OFDM PI/2 BPSK	1@104	23.3	18.15	0.0653
5	15	20	167800	839	DFT-s-OFDM QPSK	50@25	23.55	18.4	0.0692
5	15	20	167800	839	DFT-s-OFDM QPSK	1@1	23.23	18.08	0.0643
5	15	20	167800	839	DFT-s-OFDM QPSK	1@104	22.94	17.79	0.0601
5	15	20	167800	839	DFT-s-OFDM 16 QAM	50@25	22.56	17.41	0.0551
5	15	20	167800	839	DFT-s-OFDM 16 QAM	1@1	22.68	17.53	0.0566
5	15	20	167800	839	DFT-s-OFDM 16 QAM	1@104	21.87	16.72	0.0470
5	15	20	167800	839	DFT-s-OFDM 64 QAM	50@25	21.11	15.96	0.0394
5	15	20	167800	839	DFT-s-OFDM 64 QAM	1@1	20.79	15.64	0.0366
5	15	20	167800	839	DFT-s-OFDM 64 QAM	1@104	20.93	15.78	0.0378
5	15	20	167800	839	DFT-s-OFDM 256 QAM	50@25	18.59	13.44	0.0221
5	15	20	167800	839	DFT-s-OFDM 256 QAM	1@1	18.89	13.74	0.0237
5	15	20	167800	839	DFT-s-OFDM 256 QAM	1@104	18.17	13.02	0.0200
5	15	20	167800	839	CP-OFDM QPSK	53@26	22.12	16.97	0.0498
5	15	20	167800	839	CP-OFDM QPSK	1@1	21.84	16.69	0.0467
5	15	20	167800	839	CP-OFDM QPSK	1@104	21.91	16.76	0.0474

Frequency Stability

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Deviation (ppm)	Verdict	Environment
5	15	20	167300	836.5	DFT-s-OFDM QPSK	100@0	0.0026	PASS	NV
5	15	20	167300	836.5	DFT-s-OFDM QPSK	100@0	0.0028	PASS	LV
5	15	20	167300	836.5	DFT-s-OFDM QPSK	100@0	-0.0027	PASS	HV
5	15	20	167300	836.5	DFT-s-OFDM QPSK	100@0	0.0018	PASS	-30°C
5	15	20	167300	836.5	DFT-s-OFDM QPSK	100@0	0.0032	PASS	-20°C
5	15	20	167300	836.5	DFT-s-OFDM QPSK	100@0	0.0015	PASS	-10°C
5	15	20	167300	836.5	DFT-s-OFDM QPSK	100@0	0.0038	PASS	0°C
5	15	20	167300	836.5	DFT-s-OFDM QPSK	100@0	0.0027	PASS	10°C
5	15	20	167300	836.5	DFT-s-OFDM QPSK	100@0	-0.0012	PASS	20°C
5	15	20	167300	836.5	DFT-s-OFDM QPSK	100@0	0.0028	PASS	30°C
5	15	20	167300	836.5	DFT-s-OFDM QPSK	100@0	0.0037	PASS	40°C
5	15	20	167300	836.5	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
5	15	20	167300	836.5	DFT-s-OFDM PI/2 BPSK	100@0	4.16	13	PASS
5	15	20	167300	836.5	DFT-s-OFDM PI/2 BPSK	1@0	4.57	13	PASS
5	15	20	167300	836.5	DFT-s-OFDM QPSK	100@0	5.51	13	PASS
5	15	20	167300	836.5	DFT-s-OFDM QPSK	1@0	6.28	13	PASS

N5(20M)_DFT-s-OFDM_PI_2-
BPSK_Outer_Full_Mid_CH



N5(20M)_DFT-s-OFDM_PI_2-
BPSK_Edge_1RB_Left_Mid_CH



N5(20M)_DFT-s-
OFDM_QPSK_Outer_Full_Mid_CH



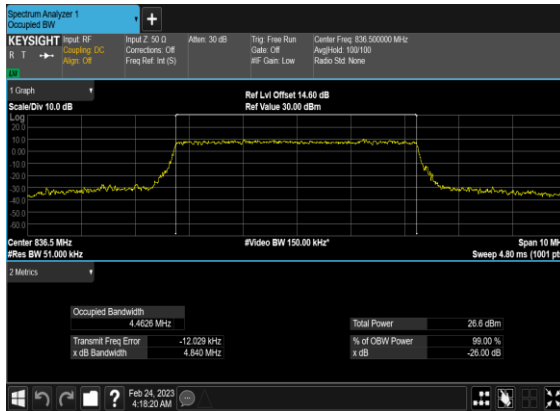
N5(20M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Mid_CH



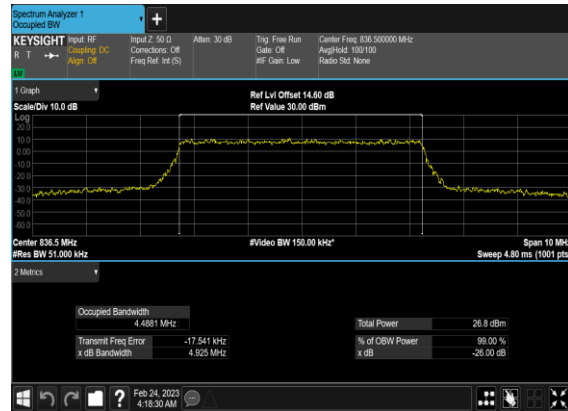
Occupied Bandwidth

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	OBW (MHz)	26dB BW (MHz)
5	15	5	167300	836.5	CP-OFDM QPSK	25@0	4.4626	4.84
5	15	5	167300	836.5	CP-OFDM 16 QAM	25@0	4.4881	4.925
5	15	5	167300	836.5	CP-OFDM 64 QAM	25@0	4.4609	4.767
5	15	5	167300	836.5	CP-OFDM 256 QAM	25@0	4.4749	4.839
5	15	10	167300	836.5	CP-OFDM QPSK	52@0	9.2716	9.844
5	15	10	167300	836.5	CP-OFDM 16 QAM	52@0	9.2772	9.872
5	15	10	167300	836.5	CP-OFDM 64 QAM	52@0	9.2778	9.842
5	15	10	167300	836.5	CP-OFDM 256 QAM	52@0	9.2663	9.857
5	15	15	167300	836.5	CP-OFDM QPSK	79@0	14.093	14.74
5	15	15	167300	836.5	CP-OFDM 16 QAM	79@0	14.089	14.69
5	15	15	167300	836.5	CP-OFDM 64 QAM	79@0	14.061	14.62
5	15	15	167300	836.5	CP-OFDM 256 QAM	79@0	14.065	14.84
5	15	20	167300	836.5	CP-OFDM QPSK	106@0	18.843	19.75
5	15	20	167300	836.5	CP-OFDM 16 QAM	106@0	18.869	19.74
5	15	20	167300	836.5	CP-OFDM 64 QAM	106@0	18.848	19.61
5	15	20	167300	836.5	CP-OFDM 256 QAM	106@0	18.904	19.7

N5(5M)_CP-
OFDM_QPSK_Outer_Full_Mid_CH



N5(5M)_CP-OFDM_16
QAM_Outer_Full_Mid_CH



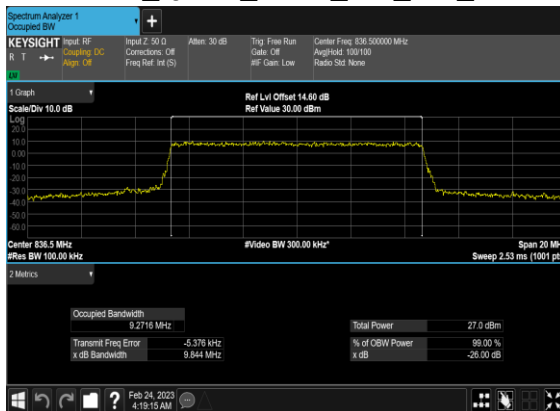
N5(5M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH



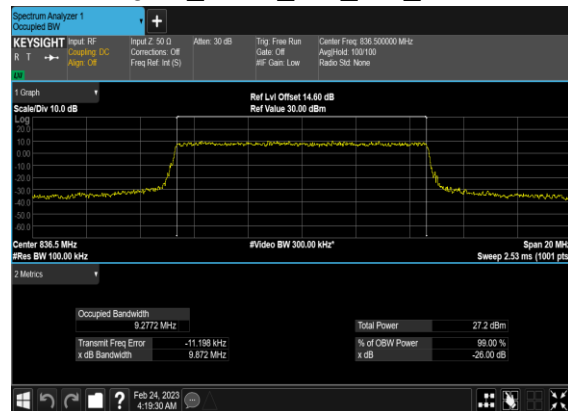
N5(5M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH



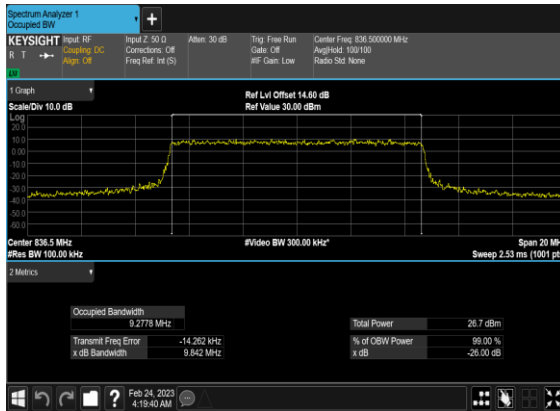
N5(10M)_CP-
OFDM_QPSK_Outer_Full_Mid_CH



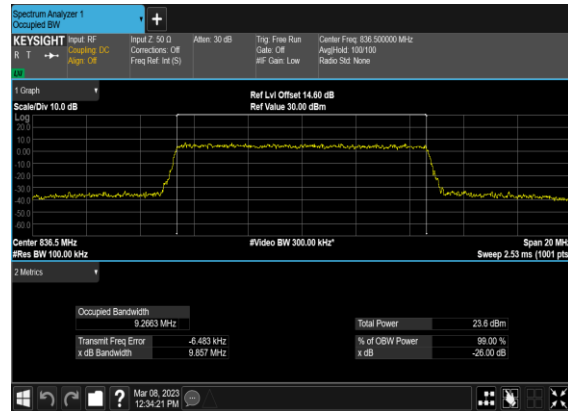
N5(10M)_CP-OFDM_16
QAM_Outer_Full_Mid_CH



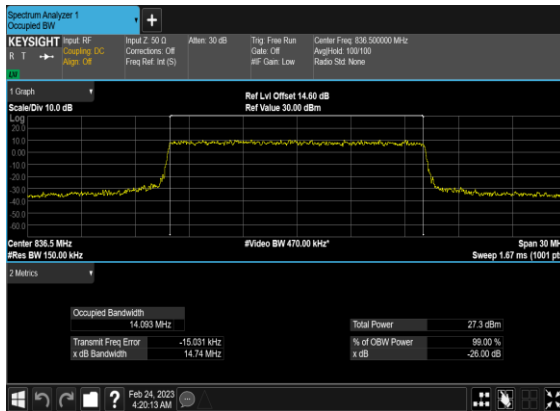
N5(10M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH



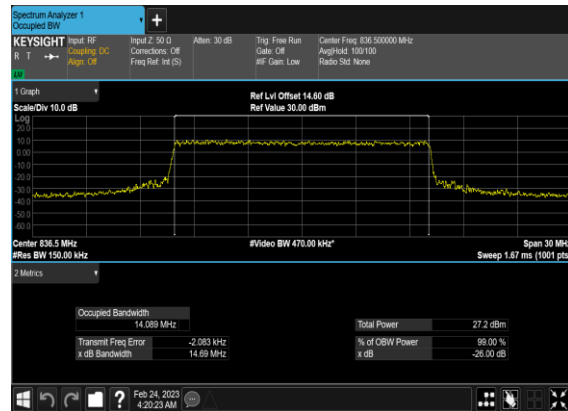
N5(10M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH



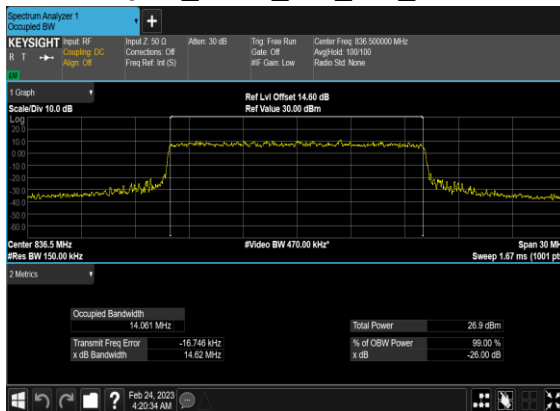
N5(15M)_CP-
OFDM_QPSK_Outer_Full_Mid_CH



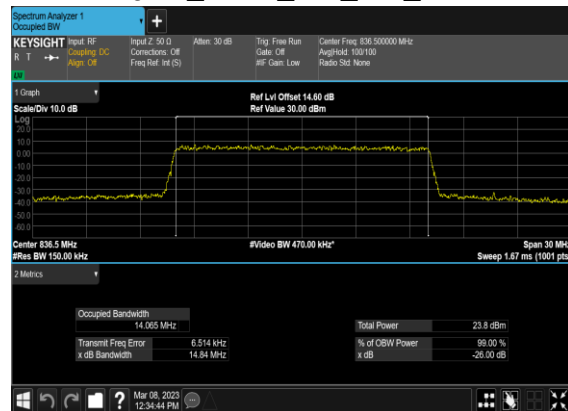
N5(15M)_CP-OFDM_16
QAM_Outer_Full_Mid_CH



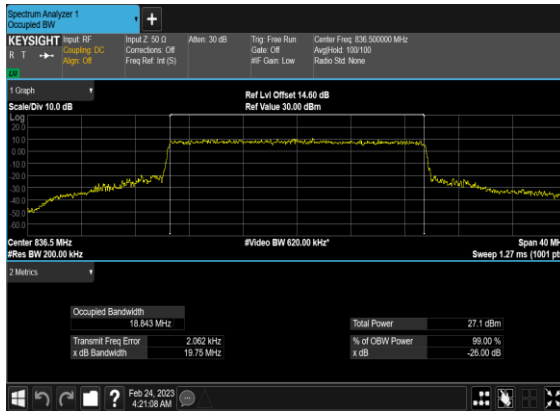
N5(15M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH



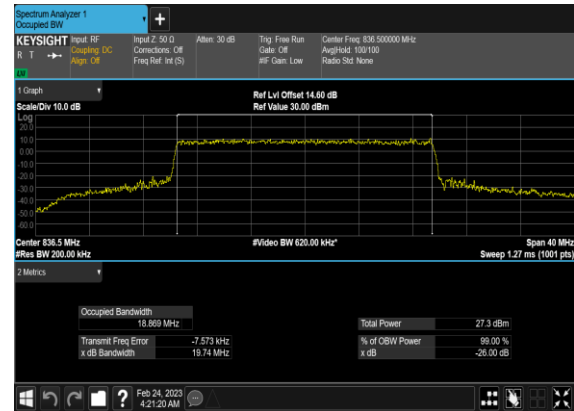
N5(15M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH



N5(20M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



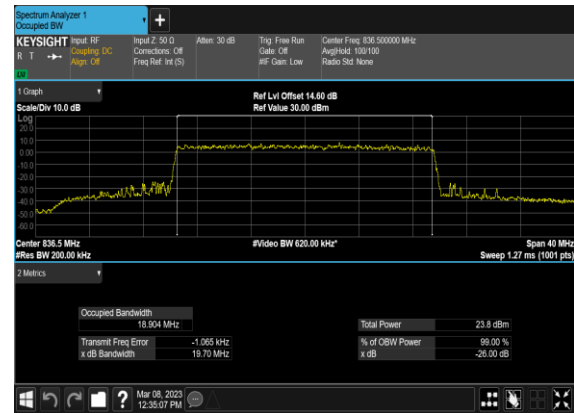
N5(20M)_CP-OFDM_16QAM_Outer_Full_Mid_CH



N5(20M)_CP-OFDM_64QAM_Outer_Full_Mid_CH



N5(20M)_CP-OFDM_256QAM_Outer_Full_Mid_CH

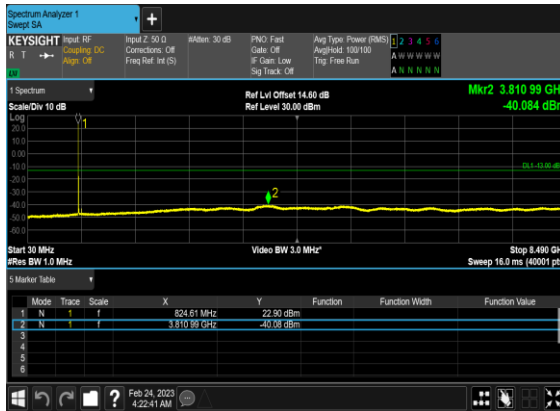


Conducted Spurious Emissions

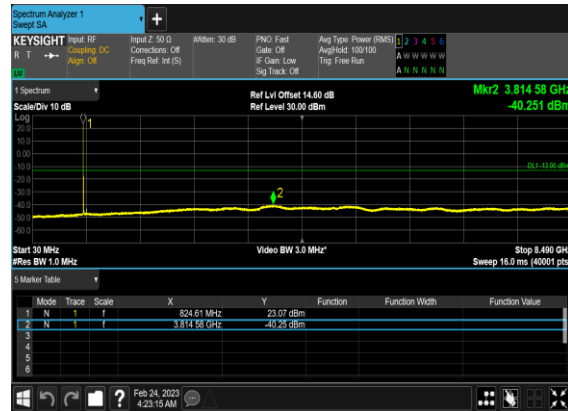
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
5	15	5	165300	826.5	DFT-s-OFDM BPSK	1@0	see graph	---
5	15	5	165300	826.5	DFT-s-OFDM BPSK	1@0	see graph	PASS
5	15	5	165300	826.5	DFT-s-OFDM QPSK	1@0	see graph	---
5	15	5	165300	826.5	DFT-s-OFDM QPSK	1@0	see graph	PASS
5	15	5	167300	836.5	DFT-s-OFDM BPSK	1@0	see graph	---
5	15	5	167300	836.5	DFT-s-OFDM BPSK	1@0	see graph	PASS
5	15	5	167300	836.5	DFT-s-OFDM QPSK	1@0	see graph	---
5	15	5	167300	836.5	DFT-s-OFDM QPSK	1@0	see graph	PASS
5	15	5	169300	846.5	DFT-s-OFDM BPSK	1@0	see graph	---
5	15	5	169300	846.5	DFT-s-OFDM BPSK	1@0	see graph	PASS
5	15	5	169300	846.5	DFT-s-OFDM QPSK	1@0	see graph	---
5	15	5	169300	846.5	DFT-s-OFDM QPSK	1@0	see graph	PASS
5	15	15	166300	831.5	DFT-s-OFDM BPSK	1@0	see graph	---
5	15	15	166300	831.5	DFT-s-OFDM BPSK	1@0	see graph	PASS
5	15	15	166300	831.5	DFT-s-OFDM QPSK	1@0	see graph	---
5	15	15	166300	831.5	DFT-s-OFDM QPSK	1@0	see graph	PASS
5	15	15	167300	836.5	DFT-s-OFDM BPSK	1@0	see graph	---
5	15	15	167300	836.5	DFT-s-OFDM BPSK	1@0	see graph	PASS
5	15	15	167300	836.5	DFT-s-OFDM QPSK	1@0	see graph	---
5	15	15	167300	836.5	DFT-s-OFDM QPSK	1@0	see graph	PASS
5	15	15	168300	841.5	DFT-s-OFDM BPSK	1@0	see graph	---
5	15	15	168300	841.5	DFT-s-OFDM BPSK	1@0	see graph	PASS
5	15	15	168300	841.5	DFT-s-OFDM QPSK	1@0	see graph	---

5	15	15	168300	841.5	DFT-s-OFDM QPSK	1@0	see graph	PASS
5	15	20	166800	834.0	DFT-s-OFDM BPSK	1@0	see graph	---
5	15	20	166800	834.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
5	15	20	166800	834.0	DFT-s-OFDM QPSK	1@0	see graph	---
5	15	20	166800	834.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
5	15	20	167300	836.5	DFT-s-OFDM BPSK	1@0	see graph	---
5	15	20	167300	836.5	DFT-s-OFDM BPSK	1@0	see graph	PASS
5	15	20	167300	836.5	DFT-s-OFDM QPSK	1@0	see graph	---
5	15	20	167300	836.5	DFT-s-OFDM QPSK	1@0	see graph	PASS
5	15	20	167800	839.0	DFT-s-OFDM BPSK	1@0	see graph	---
5	15	20	167800	839.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
5	15	20	167800	839.0	DFT-s-OFDM QPSK	1@0	see graph	---
5	15	20	167800	839.0	DFT-s-OFDM QPSK	1@0	see graph	PASS

N5(5M)_DFT-s- OFDM_BPSK_Edge_1RB_Left_Low_CH



N5(5M)_DFT-s- OFDM_QPSK_Edge_1RB_Left_Low_CH



N5(5M)_DFT-s- OFDM_BPSK_Edge_1RB_Left_Mid_CH



N5(5M)_DFT-s- OFDM_QPSK_Edge_1RB_Left_Mid_CH



N5(5M)_DFT-s- OFDM_BPSK_Edge_1RB_Left_High_CH



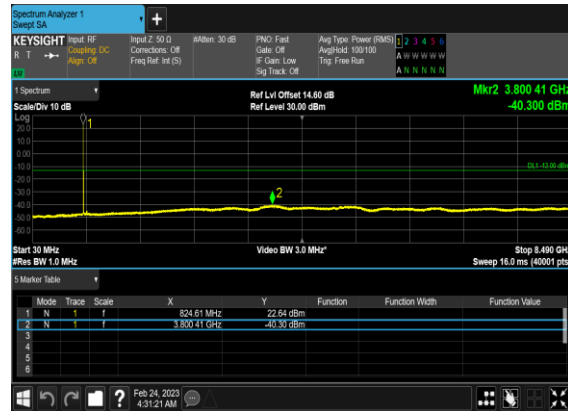
N5(5M)_DFT-s- OFDM_QPSK_Edge_1RB_Left_High_CH



N5(15M)_DFT-s- OFDM_BPSK_Edge_1RB_Left_Low_CH



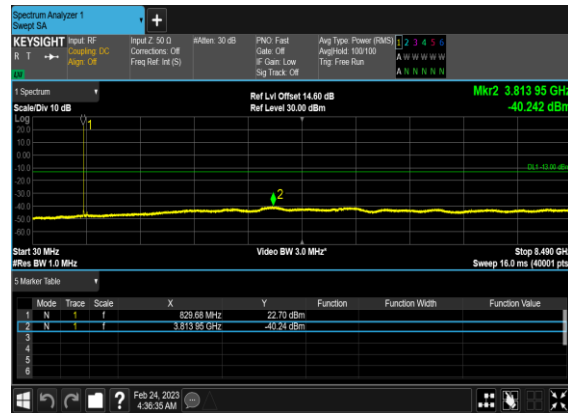
N5(15M)_DFT-s- OFDM_QPSK_Edge_1RB_Left_Low_CH



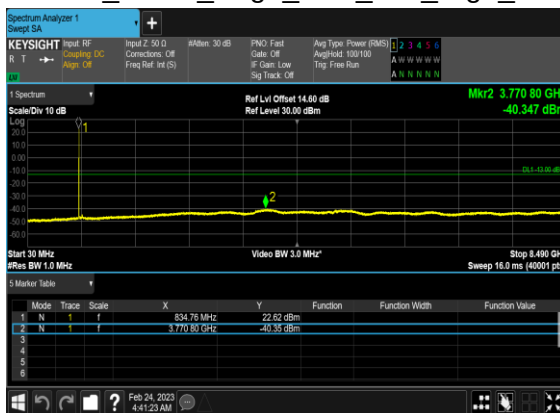
N5(15M)_DFT-s- OFDM_BPSK_Edge_1RB_Left_Mid_CH



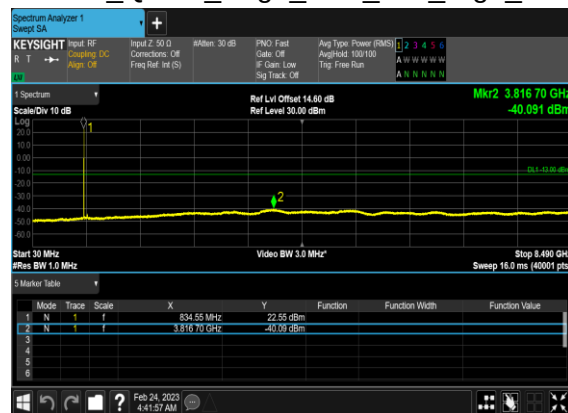
N5(15M)_DFT-s- OFDM_QPSK_Edge_1RB_Left_Mid_CH



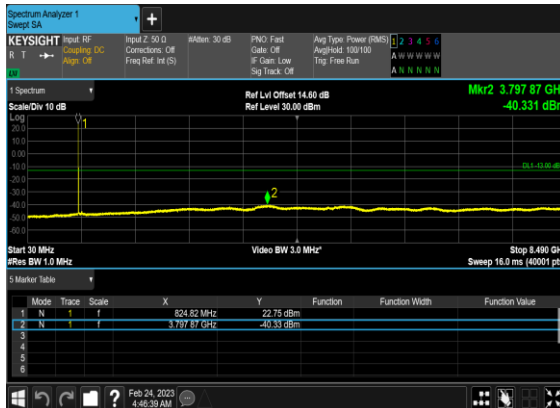
N5(15M)_DFT-s- OFDM_BPSK_Edge_1RB_Left_High_CH



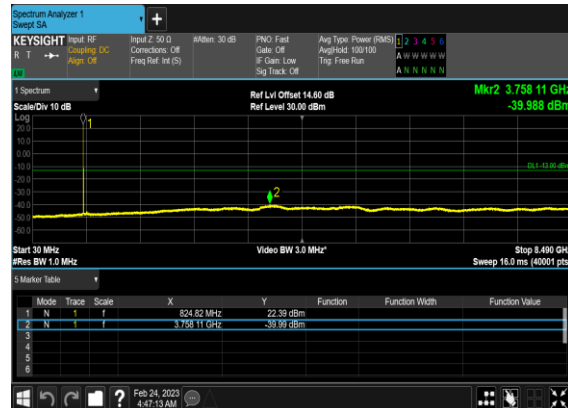
N5(15M)_DFT-s- OFDM_QPSK_Edge_1RB_Left_High_CH



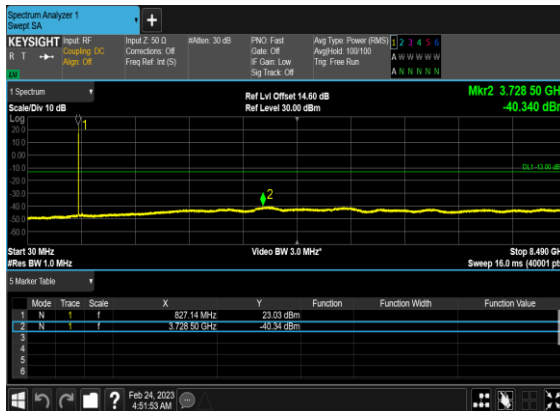
N5(20M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



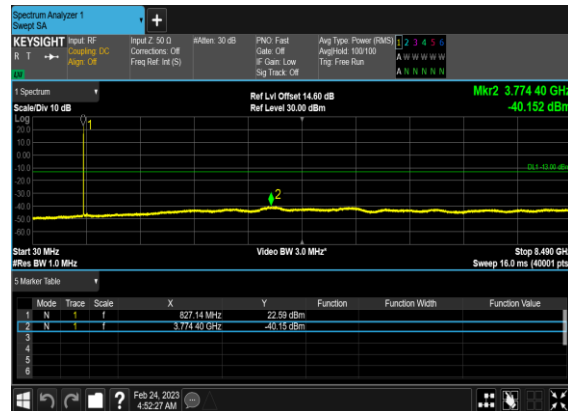
N5(20M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH



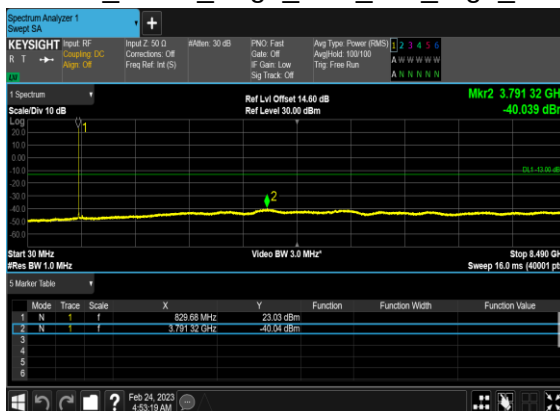
N5(20M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Mid_CH



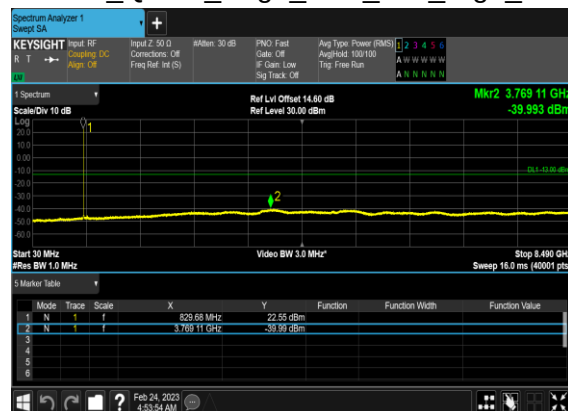
N5(20M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Mid_CH



N5(20M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_High_CH



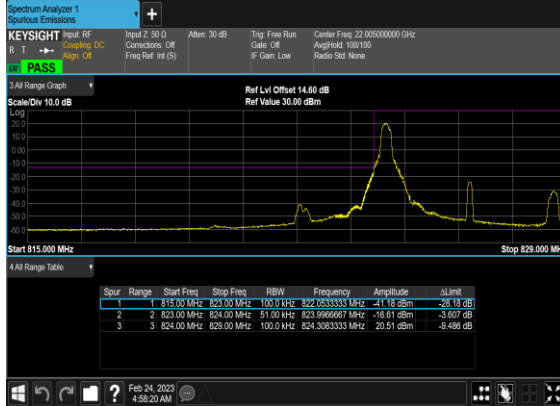
N5(20M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_High_CH



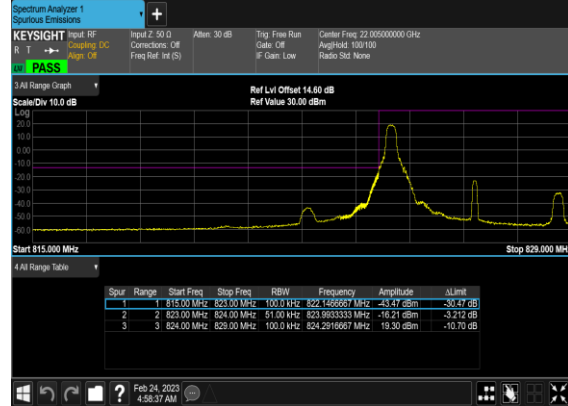
Conducted Band Edge

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
5	15	5	165300	826.5	DFT-s-OFDM BPSK	1@0	see graph	PASS
5	15	5	165300	826.5	DFT-s-OFDM QPSK	1@0	see graph	PASS
5	15	5	165300	826.5	DFT-s-OFDM BPSK	25@0	see graph	PASS
5	15	5	165300	826.5	DFT-s-OFDM QPSK	25@0	see graph	PASS
5	15	5	169300	846.5	DFT-s-OFDM BPSK	1@24	see graph	PASS
5	15	5	169300	846.5	DFT-s-OFDM QPSK	1@24	see graph	PASS
5	15	5	169300	846.5	DFT-s-OFDM BPSK	25@0	see graph	PASS
5	15	5	169300	846.5	DFT-s-OFDM QPSK	25@0	see graph	PASS
5	15	15	166300	831.5	DFT-s-OFDM BPSK	1@0	see graph	PASS
5	15	15	166300	831.5	DFT-s-OFDM QPSK	1@0	see graph	PASS
5	15	15	166300	831.5	DFT-s-OFDM BPSK	75@0	see graph	PASS
5	15	15	166300	831.5	DFT-s-OFDM QPSK	75@0	see graph	PASS
5	15	15	168300	841.5	DFT-s-OFDM BPSK	1@78	see graph	PASS
5	15	15	168300	841.5	DFT-s-OFDM QPSK	1@78	see graph	PASS
5	15	15	168300	841.5	DFT-s-OFDM BPSK	75@0	see graph	PASS
5	15	15	168300	841.5	DFT-s-OFDM QPSK	75@0	see graph	PASS
5	15	20	166800	834.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
5	15	20	166800	834.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
5	15	20	166800	834.0	DFT-s-OFDM BPSK	100@0	see graph	PASS
5	15	20	166800	834.0	DFT-s-OFDM QPSK	100@0	see graph	PASS
5	15	20	167800	839.0	DFT-s-OFDM BPSK	1@105	see graph	PASS
5	15	20	167800	839.0	DFT-s-OFDM QPSK	1@105	see graph	PASS
5	15	20	167800	839.0	DFT-s-OFDM BPSK	100@0	see graph	PASS
5	15	20	167800	839.0	DFT-s-OFDM QPSK	100@0	see graph	PASS

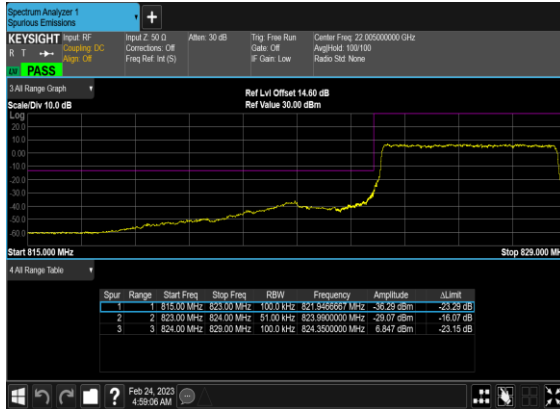
N5(5M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



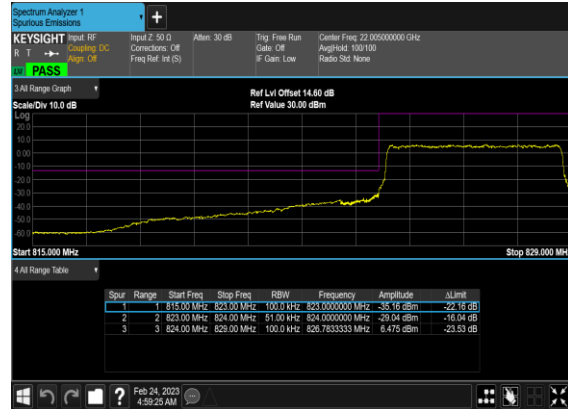
N5(5M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH



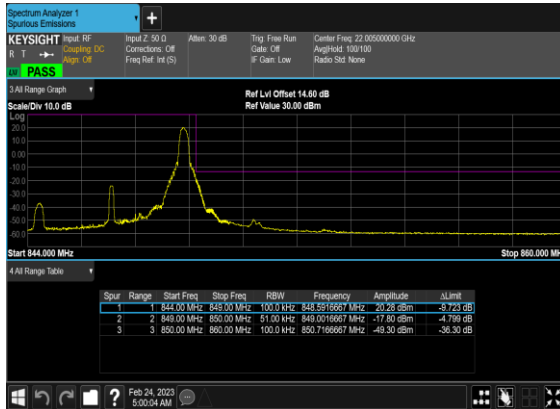
N5(5M)_DFT-s-
OFDM_BPSK_Outer_Full_Low_CH



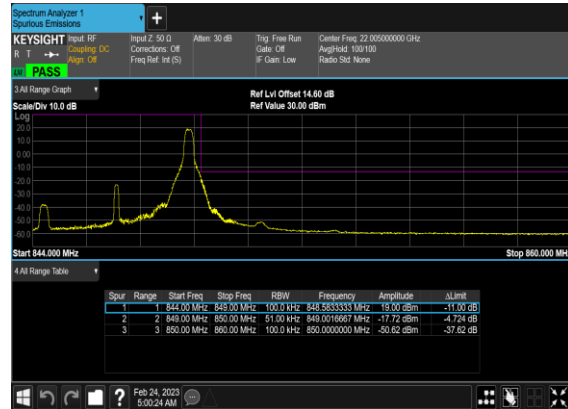
N5(5M)_DFT-s-
OFDM_QPSK_Outer_Full_Low_CH



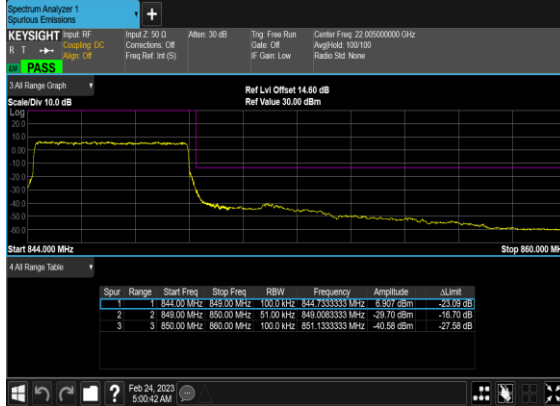
N5(5M)_DFT-s-
OFDM_BPSK_Edge_1RB_Right_High_CH



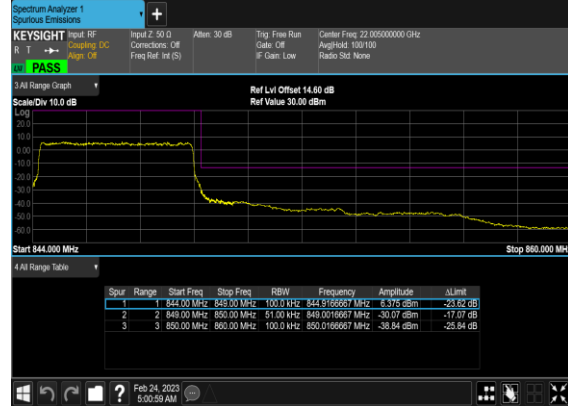
N5(5M)_DFT-s-
OFDM_QPSK_Edge_1RB_Right_High_CH



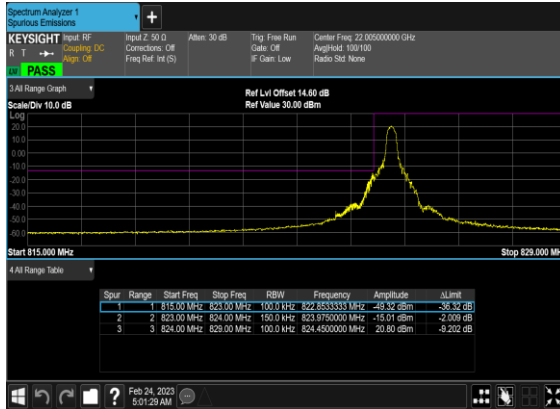
N5(5M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH



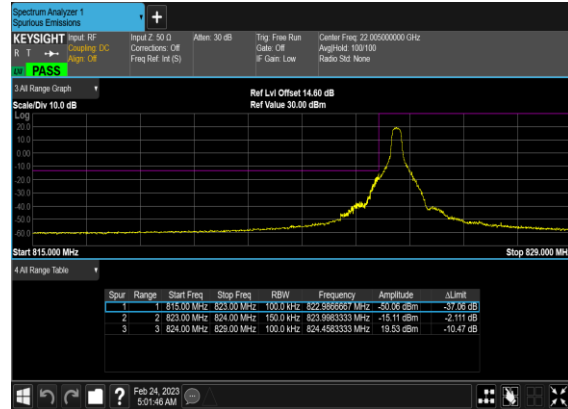
N5(5M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH



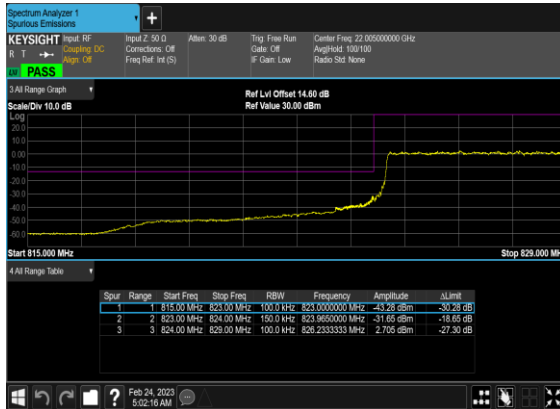
N5(15M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



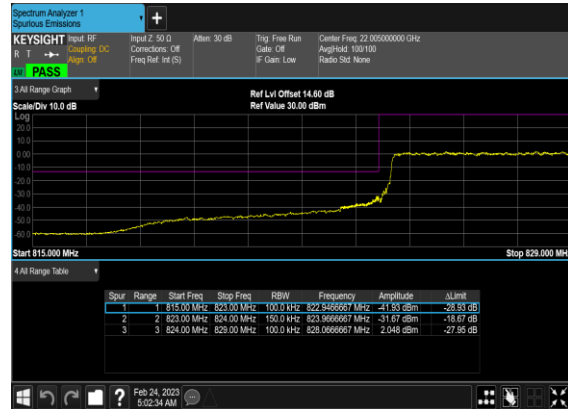
N5(15M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



N5(15M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH



N5(15M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH



Keysight Spectrum Analyzer 1
 R T **PASS**
 Input 2: 50 Ω
 Connections: Off
 Freq Ref: 1st (s)
 Attain: 30 dB
 Trig: Free Run
 Gate: Off
 IF Gain: Low
 Center Freq: 22.005600000 GHz
 ArgHz42: 100/100
 Ratio Std: None

3 All Range Graph
 Scale/Div 10.0 dB
 Log
 Start 844.000 MHz
 Stop 860.000 MHz

Spur	Range	Start Freq	Stop Freq	RBW	Frequency	Amplitude	ΔLimit
1	1	844.00 MHz	845.00 MHz	100.0 kHz	845.48156667 MHz	20.08 dBm	-9.18 dB
2	2	848.00 MHz	850.00 MHz	150.0 kHz	849.01500000 MHz	-17.57 dBm	-4.573 dB
3	3	850.00 MHz	860.00 MHz	100.0 kHz	850.03333333 MHz	-50.62 dBm	-37.82 dB

Keysight Spectrum Analyzer 1
Spectrum Emissions

KEYSIGHT Input Ref: 50.0 dBm
R T → **Measuring DC**
Cable Cal: **None**
Unit: **PASS**

Input Z: 50.0 Ω
Corrections: Off
Freq Ref: Hz (S)
Att: 30.0 dB
Trig: Free Run
Gate: Off
IF: Gain: Low
Center Freq: 22.05000000 GHz
Avg/Span: 100/100
Resolv: Std None

3 dB Range Graph
Scale/Div: 10.0 dB
Log

Ref Lvl Offset: 14.50 dB
Ref Value: 30.00 dBm

Start: 844.000 MHz
Stop: 860.000 MHz

4 All Range Table

Spur	Range	Start Freq	Stop Freq	RBW	Frequency	Amplitude	ΔLimit
1		844.00 MHz	848.00 MHz	100.0 kHz	848.50000000 MHz	-19.18 dBm	-10.82 dB
2		849.00 MHz	850.00 MHz	150.0 kHz	849.00000000 MHz	-17.33 dBm	-4.33 dB
3		850.00 MHz	860.00 MHz	100.0 kHz	850.08866667 MHz	-30.68 dBm	-37.68 dB

Feb 24, 2023
5:07:27 AM

Spectrum Analyzer 1
Spectrum Measurements

KEYSIGHT Input: RF
R T → → →
Connections: Off
Align: Off
OK PASS

Input Z: 50 Ω
Attenu: 30 dB
Trigger: Free Run
Gate: Off
IF Gain: Low
Center Freq: 22.005000000 GHz
Aerghz: 100/100
Ratio Std: None

3.4 Range Graph
Scale/Div: 10.0 dB
Log
Ref Lvl Offset: 0.0 dB
Ref Value: 30.00 dBm

Start 844.000 MHz Stop 860.000 MHz

4 All Range Table

Spur	Range	Start Freq	Stop Freq	RBW	Frequency	Amplitude	ΔLmt
1	1	844.00 MHz	848.00 MHz	100.0 kHz	844.9415667 MHz	1.423 dBm	-28.58 dB
2	2	849.00 MHz	850.00 MHz	150.0 kHz	849.0383333 MHz	-38.02 dBm	-25.92 dB
3	3	850.00 MHz	860.00 MHz	100.0 kHz	854.7833333 MHz	-43.63 dBm	-30.03 dB

Feb 24, 2023
5:37:49 AM

Spectrum Analyzer 1
Spectrum Emissions

KEYSIGHT Input RF
R T → Channeling DC
Use **PASS** Align Off

Input Z: 50 Ω
Connections Off
Freq Ref: 1x (S)

Att'n: 30 dB

Trig Free Run
Gate: Off
IF Gain: Low

Center Freq: 22.055000000 GHz
AvgMode: 100/100
Radio Set: None

1.6k Range Graph
Scale Div: 10.0 dB
Log

Ref Lvl Offset: 6.60 dB
Ref Value: 30.00 dBm

Start 844.00 MHz
Stop 860.00 MHz

4 All Range Table

Spur	Range	Start Freq	Stop Freq	RBW	Frequency	Amplitude	ΔLimit
1	1	844.00 MHz	848.00 MHz	100.0 kHz	848.055000 MHz	1.267 dBm	-26.71 dB
2	2	849.00 MHz	850.00 MHz	150.0 kHz	849.0916667 MHz	-37.62 dBm	-34.62 dB
3	3	850.00 MHz	860.00 MHz	100.0 kHz	850.2000000 MHz	-43.47 dBm	-30.47 dB

Feb 24, 2023
5:08:02 AM

Spectrum Analyzer 1
Spurious Emissions

KEYSIGHT Input Ref
R T Creating DC
Align Off

Input Z: 50 Ω Attenu: 30 dB Trig Pres: Run
Connections: Off Gate: Off Avg/Hold: 100/100
Freq Ref: 1e(S) 10° Gain: Low Radio Std: None

dB PASS

3 dB Range Graph

Scale/Div: 10.0 dB

Ref Lvl Offset: 14.60 dB
Ref Value: 30.00 dBm

Start: 815.00 MHz Stop: 829.00 MHz

4 All Range Table

Spur	Range	Start Freq	Stop Freq	dBm	Frequency	Amplitude	Limit
1	1	815.00 MHz	824.00 MHz	100.00 dBm	823.00000000 MHz	-49.01 dBm	-36.01 dB
2	2	823.00 MHz	824.00 MHz	200.00 dBm	823.9783333 MHz	-17.63 dBm	-4.53 dB
3	3	824.00 MHz	829.00 MHz	100.00 dBm	824.5333333 MHz	-20.45 dBm	-9.54 dB

Feb 24, 2020
8:19:00 AM

KEYSIGHT Input: RF Input: 2.50 V, Att: 30.0 dB, Trig: Free Run, Center Freq: 822.055000000 MHz, Avg: Off, Corr: Off, Ref: 100 Hz, Radio St: None

4 All Range Graph

Scale Div: 10.0 dB

Ref Lvl Offset: 14.60 dB

Ref Value: 30.00 dBm

Start: 815.000 MHz

Stop: 829.000 MHz

Spur	Range	Start Freq	Stop Freq	RBW	Frequency	Amplitude	ΔLimit
1		815.00 MHz	824.00 MHz	200.0 Hz	822.95000000 MHz	-20.21 dBm	-37.21 dB
2		823.00 MHz	824.00 MHz	200.0 Hz	823.97500000 MHz	-18.08 dBm	-5.09 dB
3		824.00 MHz	829.00 MHz	100.0 Hz	824.50000000 MHz	-19.42 dBm	-10.58 dB