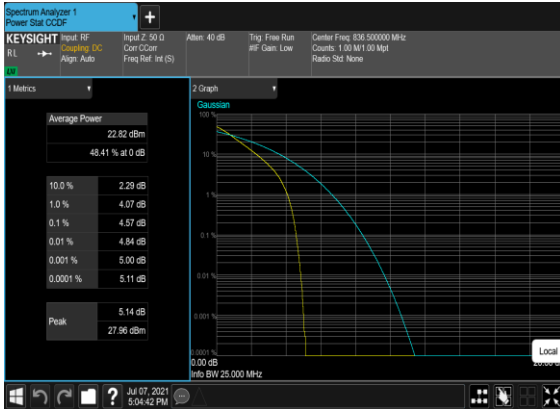


N5(20M)_DFT-s-OFDM_QPSK_Outer_Full_Mid_CH



N5(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



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



N5(20M)_DFT-s-OFDM_PI_2-BPSK_Edge_1RB_Left_High_CH



N5(20M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH



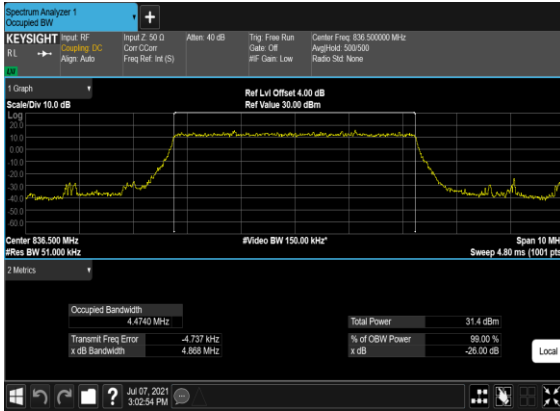
N5(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH



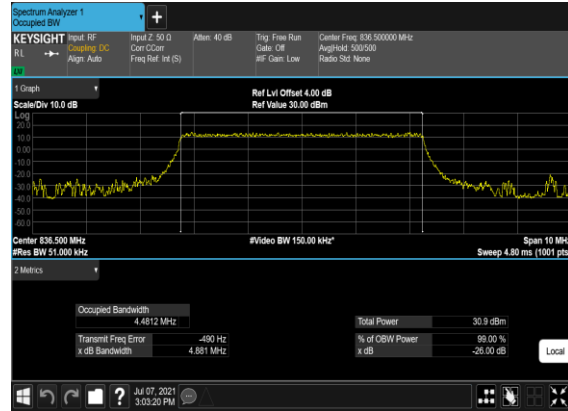
Occupied Bandwidth

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	OBW (MHz)	26dB OBW (MHz)
5	15	5	176300	836.5	DFT-s-OFDM PI/2 BPSK	25@0	4.474	4.868
5	15	5	176300	836.5	DFT-s-OFDM QPSK	25@0	4.4812	4.881
5	15	5	176300	836.5	CP-OFDM QPSK	25@0	4.4682	4.918
5	15	5	176300	836.5	CP-OFDM 16 QAM	25@0	4.4901	4.947
5	15	5	176300	836.5	CP-OFDM 64 QAM	25@0	4.4573	4.856
5	15	5	176300	836.5	CP-OFDM 256 QAM	25@0	4.4731	4.9
5	15	10	176300	836.5	DFT-s-OFDM PI/2 BPSK	50@0	8.8891	9.474
5	15	10	176300	836.5	DFT-s-OFDM QPSK	50@0	8.918	9.514
5	15	10	176300	836.5	CP-OFDM QPSK	52@0	9.2642	9.84
5	15	10	176300	836.5	CP-OFDM 16 QAM	52@0	9.277	9.917
5	15	10	176300	836.5	CP-OFDM 64 QAM	52@0	9.2659	9.811
5	15	10	176300	836.5	CP-OFDM 256 QAM	52@0	9.2754	9.917
5	15	15	176300	836.5	DFT-s-OFDM PI/2 BPSK	75@0	13.366	14.15
5	15	15	176300	836.5	DFT-s-OFDM QPSK	75@0	13.385	14.17
5	15	15	176300	836.5	CP-OFDM QPSK	79@0	14.063	14.8
5	15	15	176300	836.5	CP-OFDM 16 QAM	79@0	14.078	14.85
5	15	15	176300	836.5	CP-OFDM 64 QAM	79@0	14.093	14.84
5	15	15	176300	836.5	CP-OFDM 256 QAM	79@0	14.062	14.84
5	15	20	176300	836.5	DFT-s-OFDM PI/2 BPSK	100@0	17.852	18.64
5	15	20	176300	836.5	DFT-s-OFDM QPSK	100@0	17.826	18.7
5	15	20	176300	836.5	CP-OFDM QPSK	106@0	18.88	19.74
5	15	20	176300	836.5	CP-OFDM 16 QAM	106@0	18.903	19.75
5	15	20	176300	836.5	CP-OFDM 64 QAM	106@0	18.885	19.74
5	15	20	176300	836.5	CP-OFDM 256 QAM	106@0	18.893	19.72

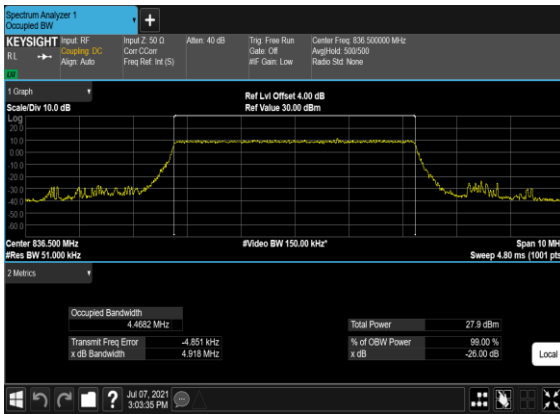
N5(5M)_DFT-s-OFDM_PI_2-
BPSK_Outer_Full_Mid_CH



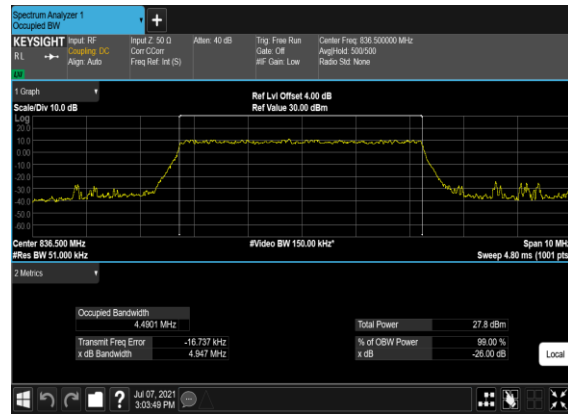
N5(5M)_DFT-s-
OFDM_QPSK_Outer_Full_Mid_CH



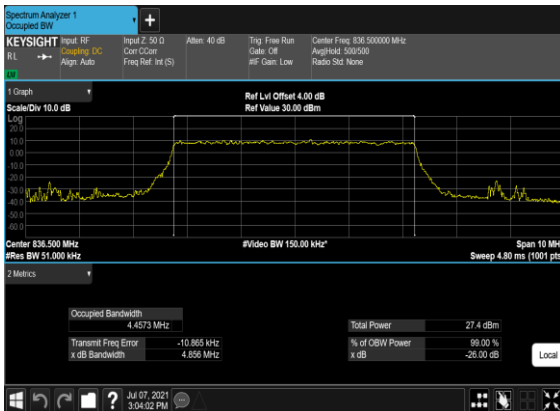
N5(5M)_CP-
OFDM_QPSK_Outer_Full_Mid_CH



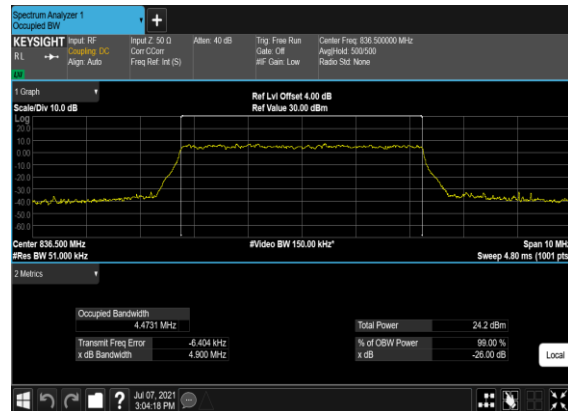
N5(5M)_CP-OFDM_16
QAM_Outer_Full_Mid_CH



N5(5M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH



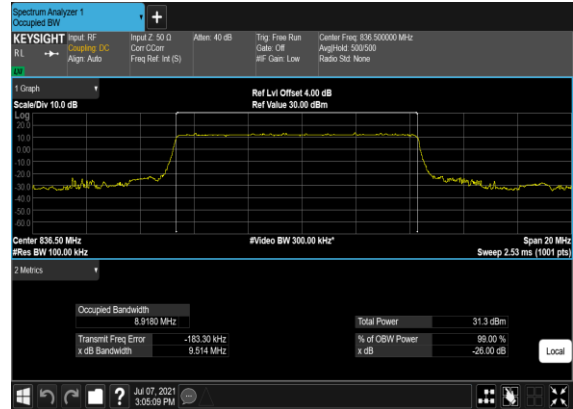
N5(5M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH



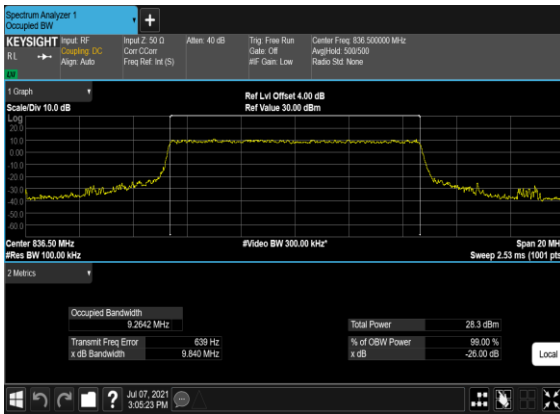
N5(10M)_DFT-s-OFDM_PI_2- BPSK_Outer_Full_Mid_CH



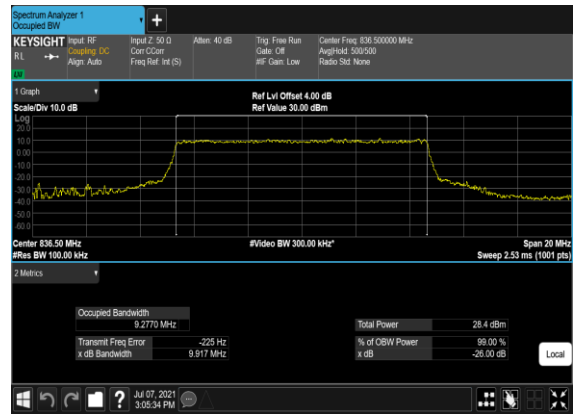
N5(10M)_DFT-s- OFDM_QPSK_Outer_Full_Mid_CH



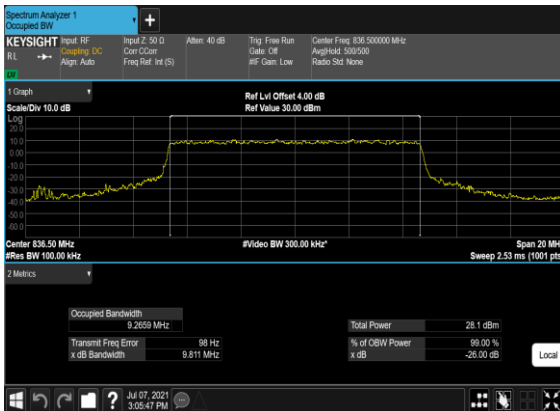
N5(10M)_CP- OFDM_QPSK_Outer_Full_Mid_CH



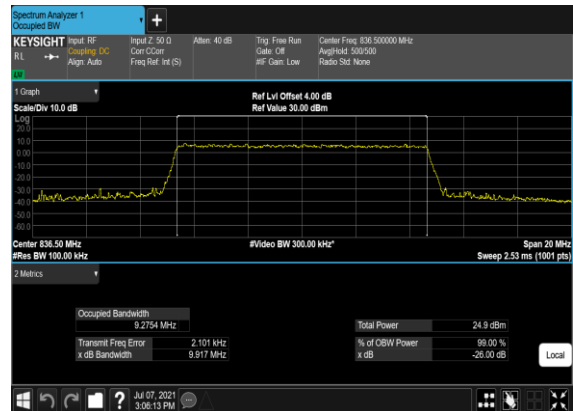
N5(10M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



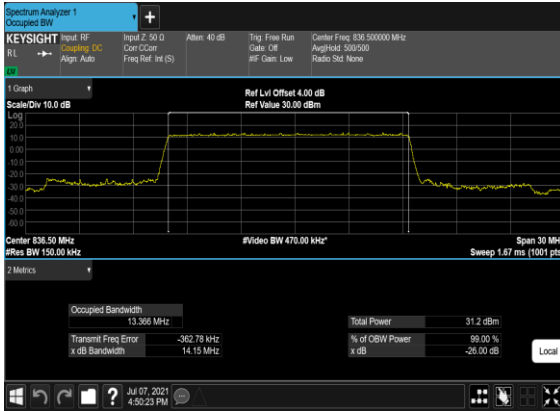
N5(10M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH



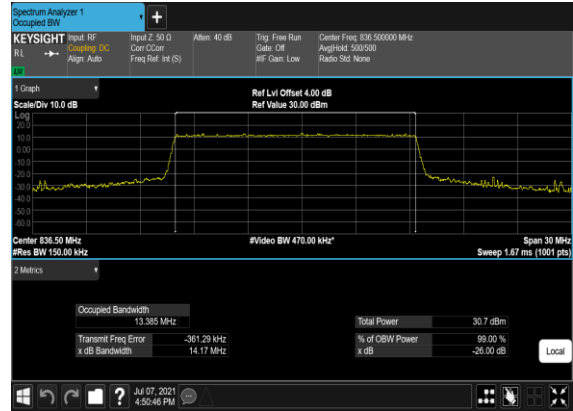
N5(10M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH



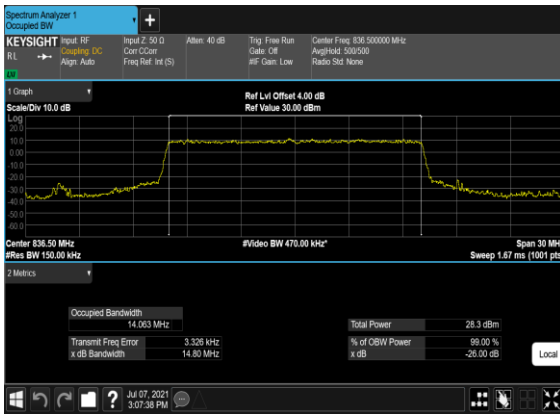
N5(15M)_DFT-s-OFDM_PI_2- BPSK_Outer_Full_Mid_CH



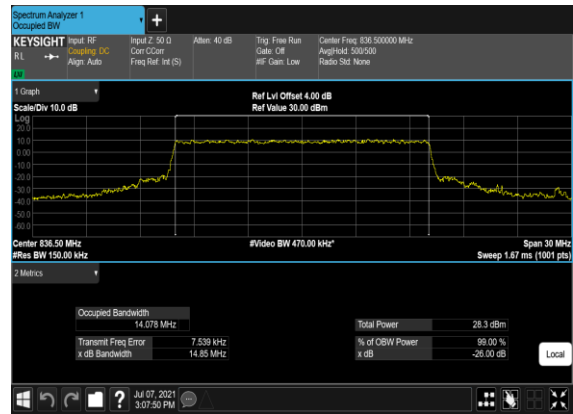
N5(15M)_DFT-s- OFDM_QPSK_Outer_Full_Mid_CH



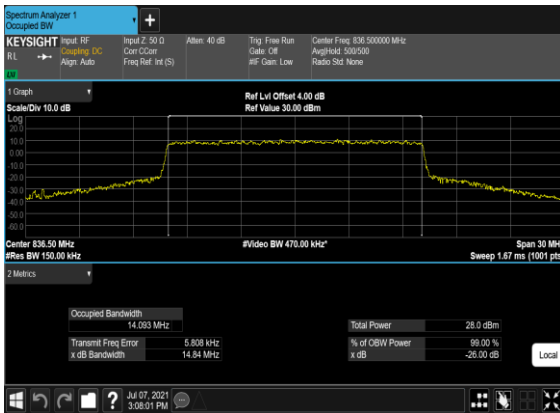
N5(15M)_CP- OFDM_QPSK_Outer_Full_Mid_CH



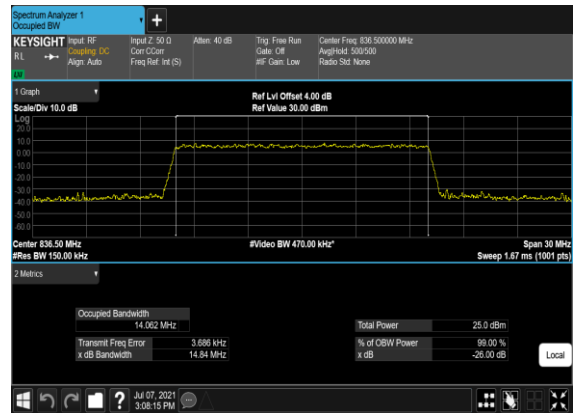
N5(15M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



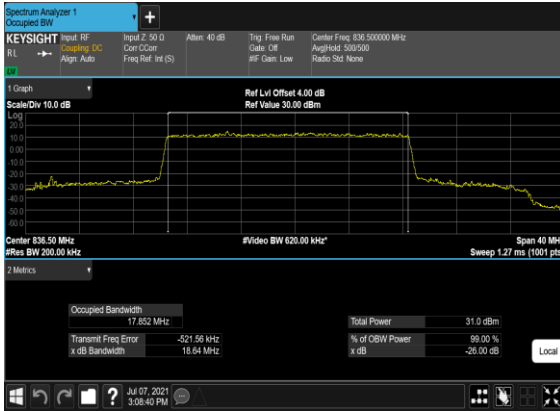
N5(15M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH



N5(15M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH



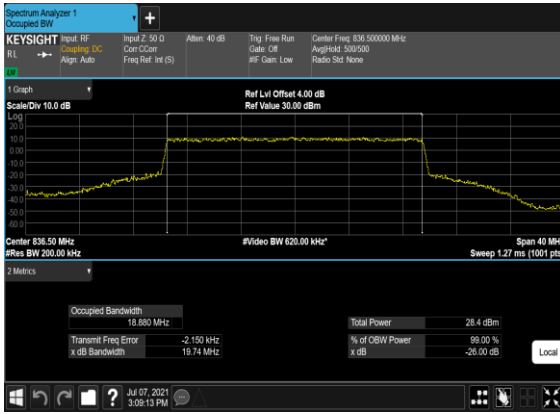
N5(20M)_DFT-s-OFDM_PI_2- BPSK_Outer_Full_Mid_CH



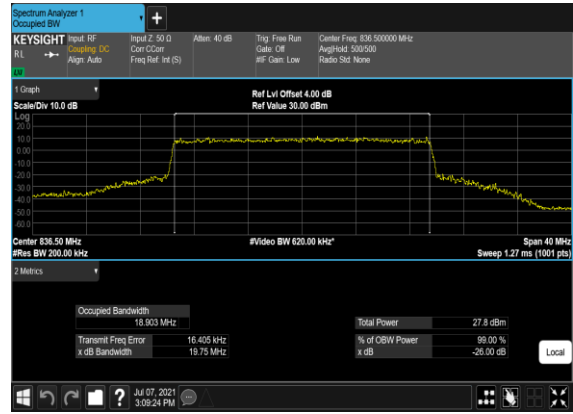
N5(20M)_DFT-s- OFDM_QPSK_Outer_Full_Mid_CH



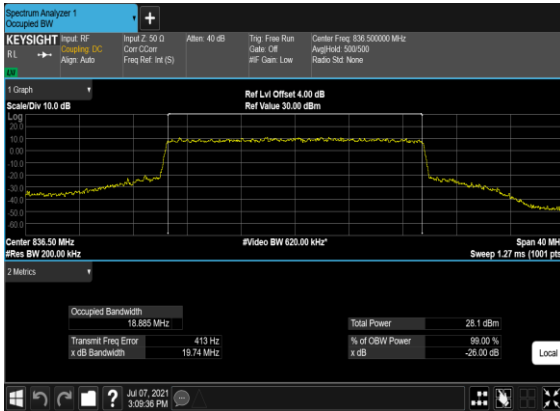
N5(20M)_CP- OFDM_QPSK_Outer_Full_Mid_CH



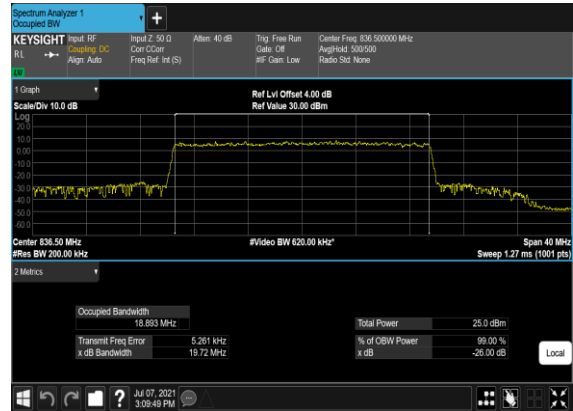
N5(20M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



N5(20M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH



N5(20M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH



Conducted Spurious Emissions

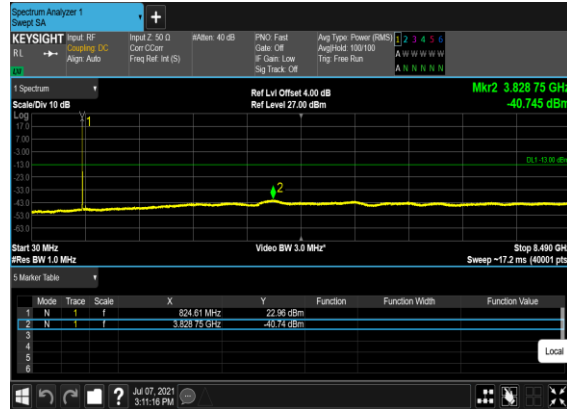
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
5	15	5	174300	826.5	DFT-s-OFDM BPSK	1@0	see graph	---
5	15	5	174300	826.5	DFT-s-OFDM BPSK	1@0	see graph	PASS
5	15	5	174300	826.5	DFT-s-OFDM QPSK	1@0	see graph	---
5	15	5	174300	826.5	DFT-s-OFDM QPSK	1@0	see graph	PASS
5	15	5	176300	836.5	DFT-s-OFDM BPSK	1@0	see graph	---
5	15	5	176300	836.5	DFT-s-OFDM BPSK	1@0	see graph	PASS
5	15	5	176300	836.5	DFT-s-OFDM QPSK	1@0	see graph	---
5	15	5	176300	836.5	DFT-s-OFDM QPSK	1@0	see graph	PASS
5	15	5	178300	846.5	DFT-s-OFDM BPSK	1@0	see graph	---
5	15	5	178300	846.5	DFT-s-OFDM BPSK	1@0	see graph	PASS
5	15	5	178300	846.5	DFT-s-OFDM QPSK	1@0	see graph	---
5	15	5	178300	846.5	DFT-s-OFDM QPSK	1@0	see graph	PASS
5	15	10	174800	829.0	DFT-s-OFDM BPSK	1@0	see graph	---
5	15	10	174800	829.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
5	15	10	174800	829.0	DFT-s-OFDM QPSK	1@0	see graph	---
5	15	10	174800	829.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
5	15	10	176300	829.0	DFT-s-OFDM BPSK	1@0	see graph	---
5	15	10	176300	829.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
5	15	10	176300	829.0	DFT-s-OFDM QPSK	1@0	see graph	---
5	15	10	176300	829.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
5	15	10	177800	829.0	DFT-s-OFDM BPSK	1@0	see graph	---
5	15	10	177800	829.0	DFT-s-OFDM BPSK	1@0	see graph	PASS

5	15	10	177800	844.0	DFT-s-OFDM QPSK	1@0	see graph	---
5	15	10	177800	844.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
5	15	20	175800	834.0	DFT-s-OFDM BPSK	1@0	see graph	---
5	15	20	175800	834.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
5	15	20	175800	834.0	DFT-s-OFDM QPSK	1@0	see graph	---
5	15	20	175800	834.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
5	15	20	176300	836.5	DFT-s-OFDM BPSK	1@0	see graph	---
5	15	20	176300	836.5	DFT-s-OFDM BPSK	1@0	see graph	PASS
5	15	20	176300	836.5	DFT-s-OFDM QPSK	1@0	see graph	---
5	15	20	176300	836.5	DFT-s-OFDM QPSK	1@0	see graph	PASS
5	15	20	176800	839.0	DFT-s-OFDM BPSK	1@0	see graph	---
5	15	20	176800	839.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
5	15	20	176800	839.0	DFT-s-OFDM QPSK	1@0	see graph	---
5	15	20	176800	839.0	DFT-s-OFDM QPSK	1@0	see graph	PASS

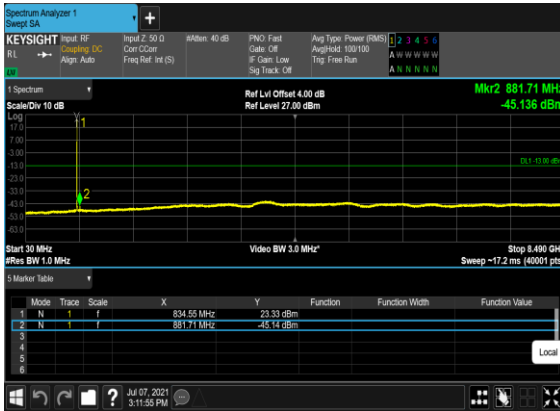
N5(5M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



N5(5M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH



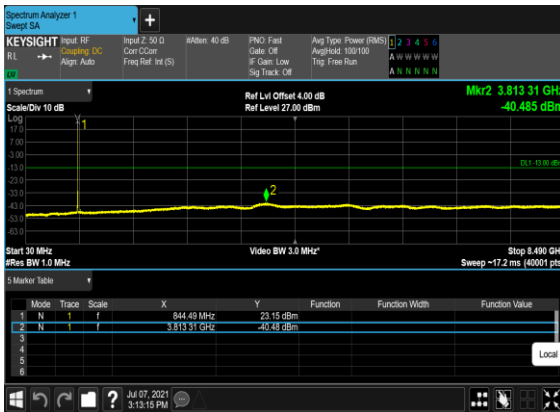
N5(5M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Mid_CH



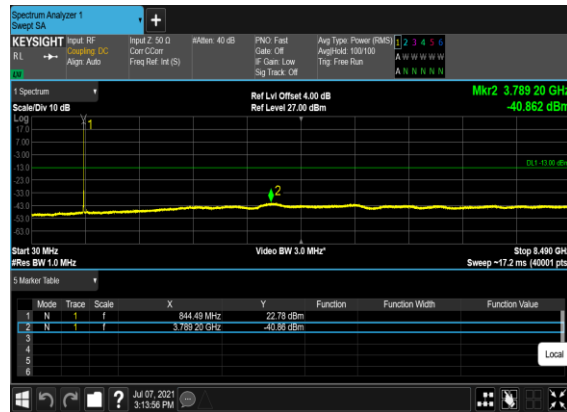
N5(5M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Mid_CH



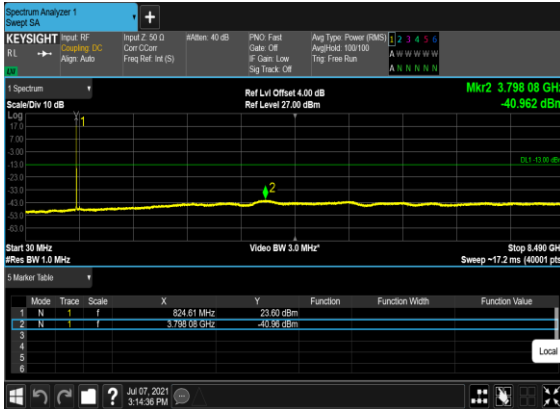
N5(5M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_High_CH



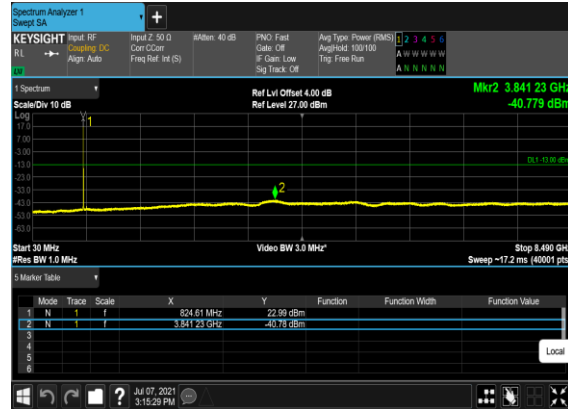
N5(5M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_High_CH



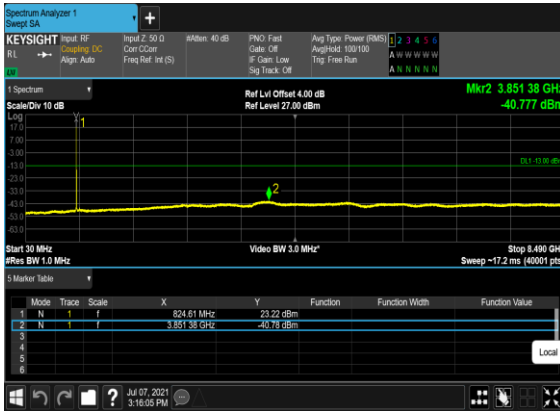
N5(10M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



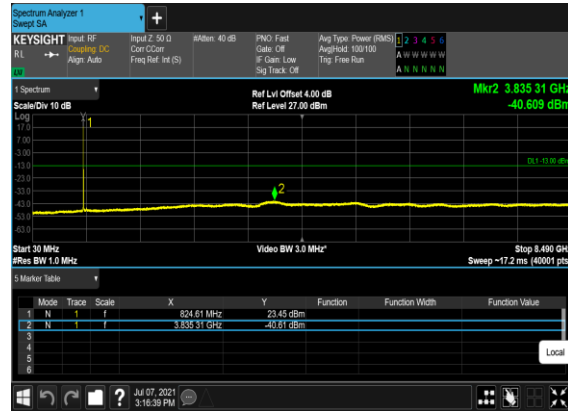
N5(10M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH



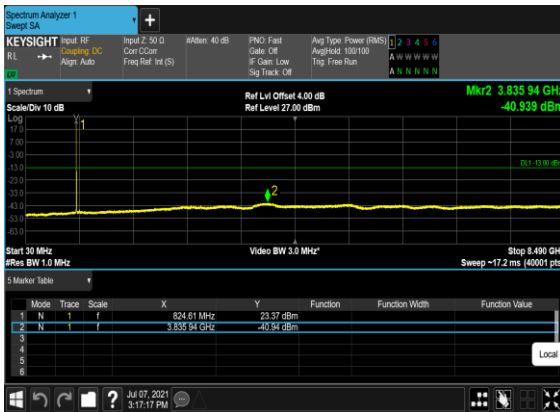
N5(10M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Mid_CH



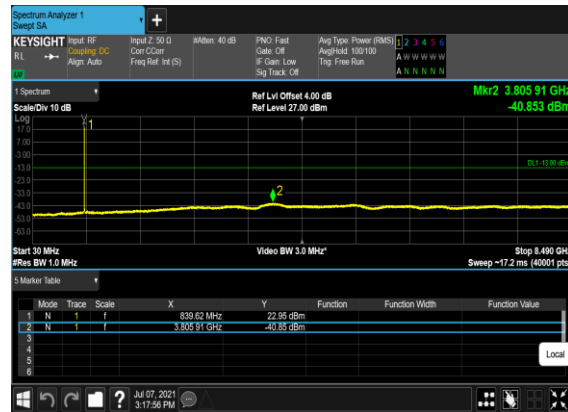
N5(10M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Mid_CH



N5(10M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_High_CH



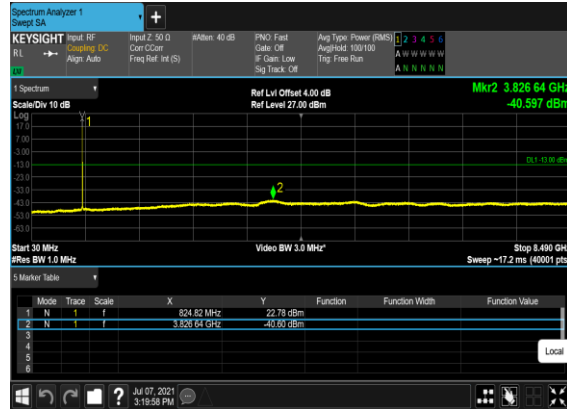
N5(10M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_High_CH



N5(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



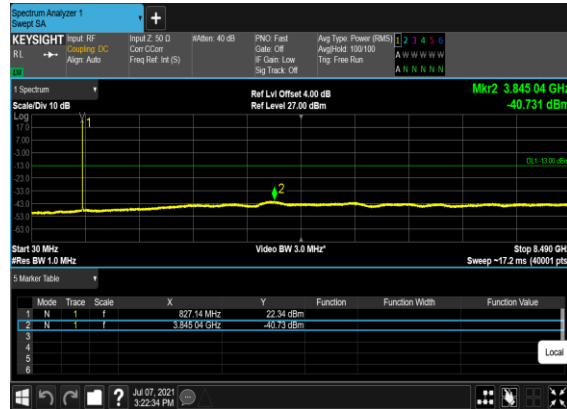
N5(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



N5(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



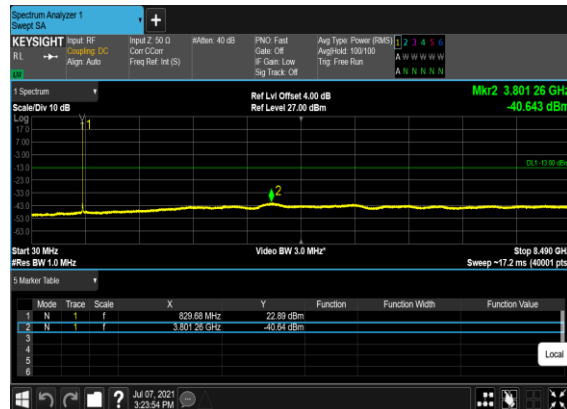
N5(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



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

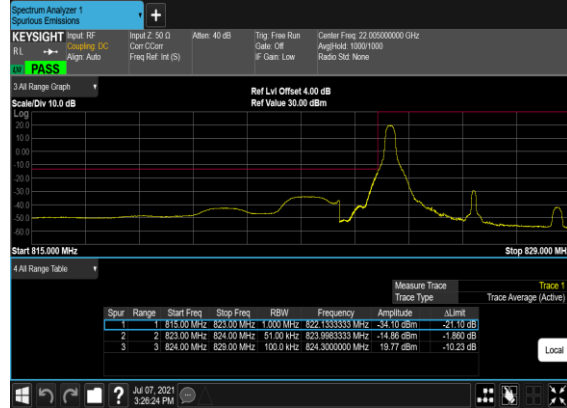
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
5	15	5	174300	826.5	DFT-s-OFDM BPSK	1@0	see graph	PASS
5	15	5	174300	826.5	DFT-s-OFDM QPSK	1@0	see graph	PASS
5	15	5	174300	826.5	DFT-s-OFDM BPSK	25@0	see graph	PASS
5	15	5	174300	826.5	DFT-s-OFDM QPSK	25@0	see graph	PASS
5	15	5	178300	846.5	DFT-s-OFDM BPSK	1@24	see graph	PASS
5	15	5	178300	846.5	DFT-s-OFDM QPSK	1@24	see graph	PASS
5	15	5	178300	846.5	DFT-s-OFDM BPSK	25@0	see graph	PASS
5	15	5	178300	846.5	DFT-s-OFDM QPSK	25@0	see graph	PASS
5	15	10	174800	829.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
5	15	10	174800	829.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
5	15	10	174800	829.0	DFT-s-OFDM BPSK	50@0	see graph	PASS
5	15	10	174800	829.0	DFT-s-OFDM QPSK	50@0	see graph	PASS
5	15	10	177800	844.0	DFT-s-OFDM BPSK	1@51	see graph	PASS
5	15	10	177800	844.0	DFT-s-OFDM QPSK	1@51	see graph	PASS
5	15	10	177800	844.0	DFT-s-OFDM BPSK	50@0	see graph	PASS
5	15	10	177800	844.0	DFT-s-OFDM QPSK	50@0	see graph	PASS
5	15	20	175800	834.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
5	15	20	175800	834.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
5	15	20	175800	834.0	DFT-s-OFDM BPSK	100@0	see graph	PASS
5	15	20	175800	834.0	DFT-s-OFDM QPSK	100@0	see graph	PASS
5	15	20	176800	839.0	DFT-s-OFDM BPSK	1@105	see graph	PASS
5	15	20	176800	839.0	DFT-s-OFDM QPSK	1@105	see graph	PASS

5	15	20	176800	839.0	DFT-s- OFDM BPSK	100@0	see graph	PASS
5	15	20	176800	839.0	DFT-s- OFDM QPSK	100@0	see graph	PASS

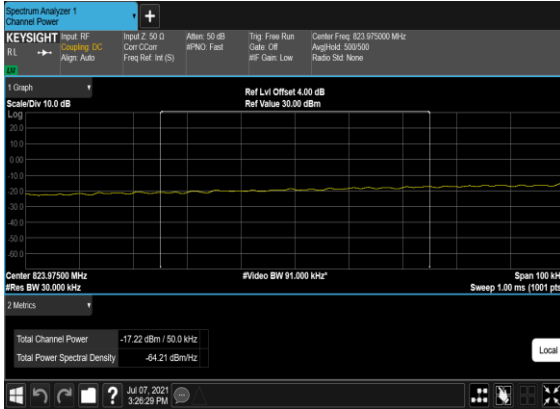
N5(5M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



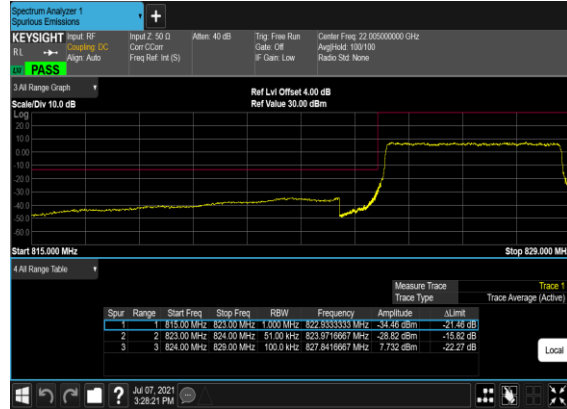
N5(5M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



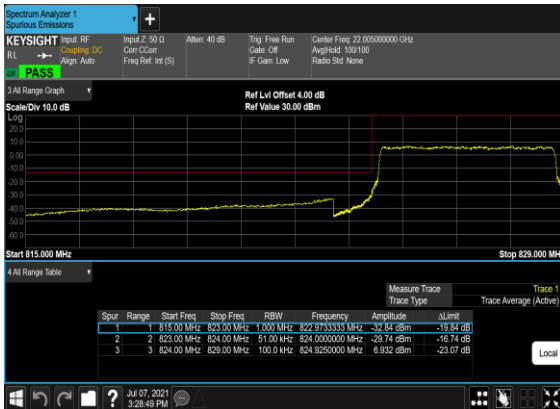
N5(5M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH_CHP_PASS



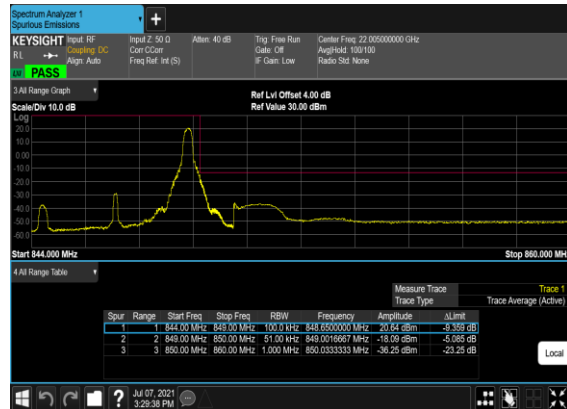
N5(5M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH



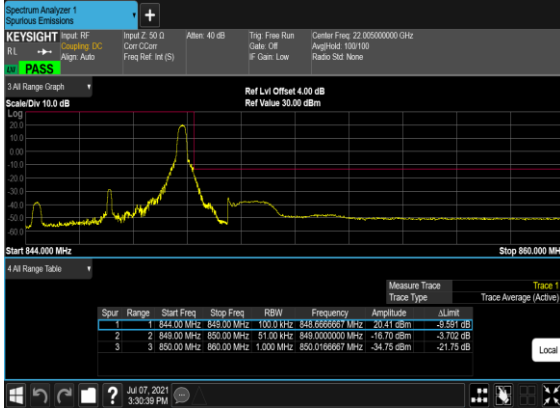
N5(5M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH



N5(5M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH



N5(5M)_DFT-s-
OFDM_QPSK_Edge_1RB_Right_High_CH



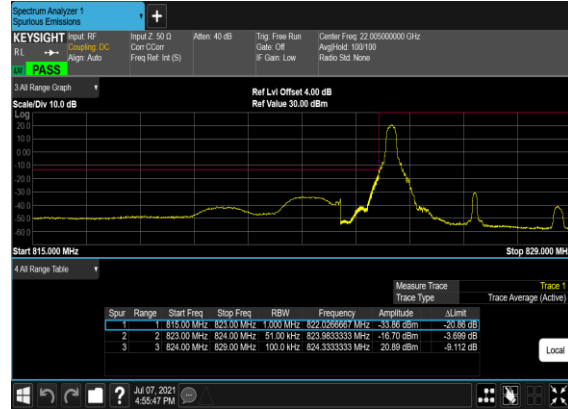
N5(5M)_DFT-s-
OFDM_BPSK_Outer_Full_High_CH



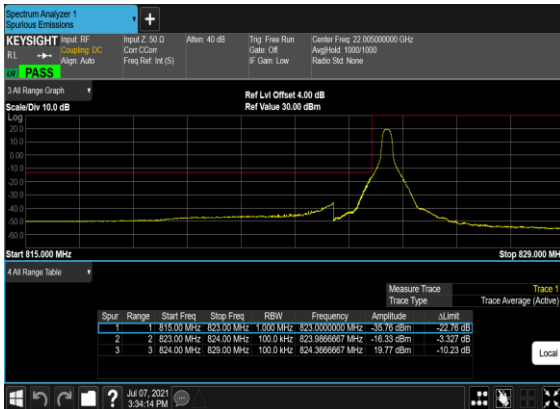
N5(5M)_DFT-s-
OFDM_QPSK_Outer_Full_High_CH



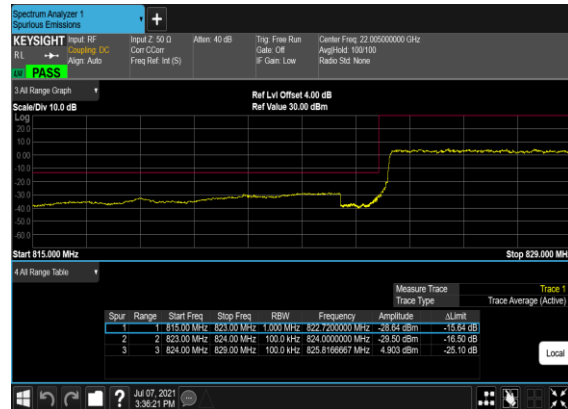
N5(10M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



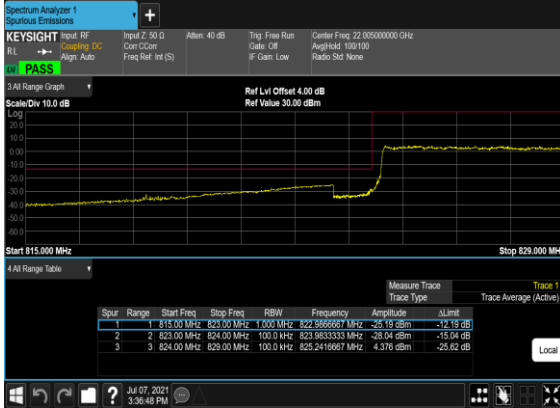
N5(10M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH



N5(10M)_DFT-s-
OFDM_BPSK_Outer_Full_Low_CH



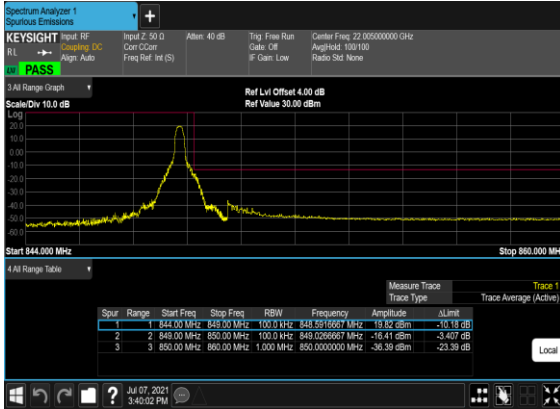
N5(10M)_DFT-s-
OFDM_QPSK_Outer_Full_Low_CH



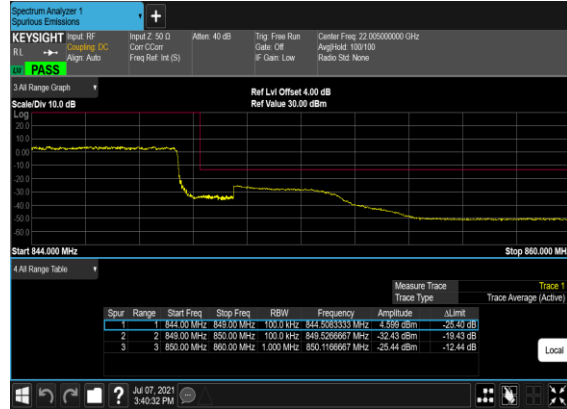
N5(10M)_DFT-s-
OFDM_BPSK_Edge_1RB_Right_High_CH



N5(10M)_DFT-s-
OFDM_QPSK_Edge_1RB_Right_High_CH



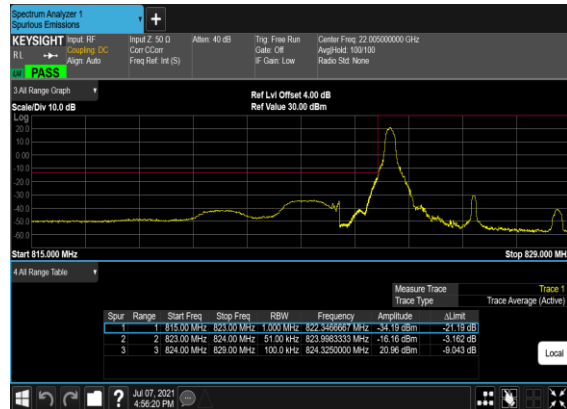
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OFDM_BPSK_Outer_Full_High_CH



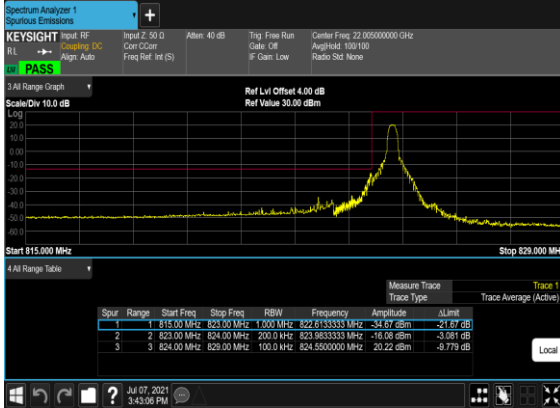
N5(10M)_DFT-s-
OFDM_QPSK_Outer_Full_High_CH



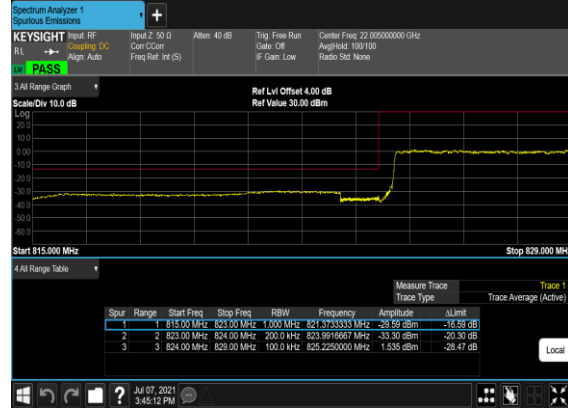
N5(20M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



N5(20M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH



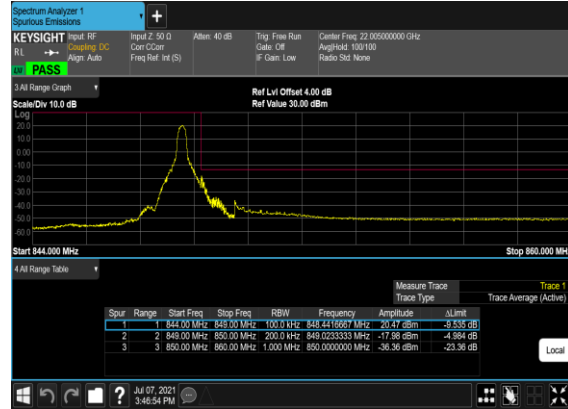
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OFDM_BPSK_Outer_Full_Low_CH



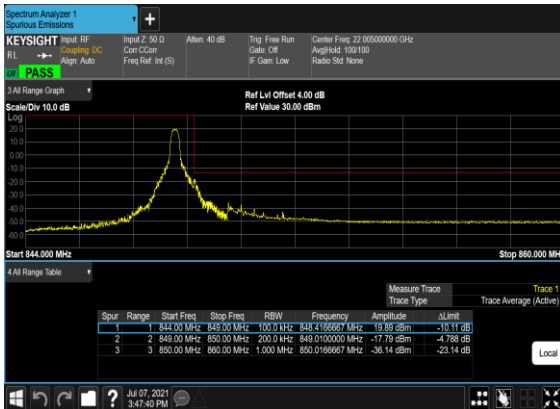
N5(20M)_DFT-s-
OFDM_QPSK_Outer_Full_Low_CH



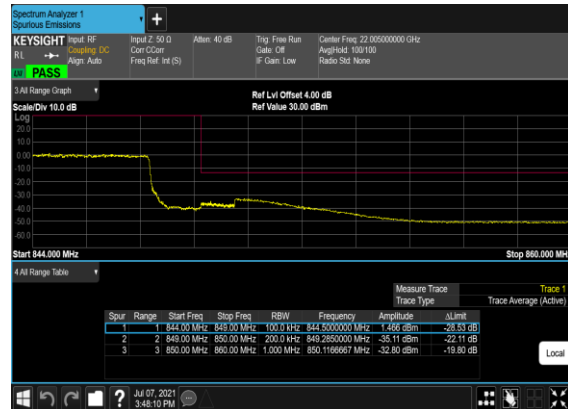
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OFDM_BPSK_Edge_1RB_Right_High_CH



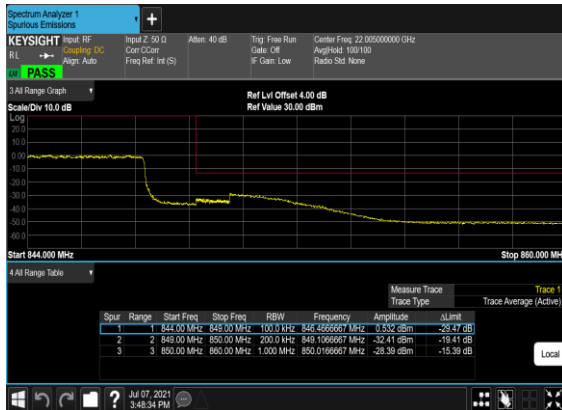
N5(20M)_DFT-s-
OFDM_QPSK_Edge_1RB_Right_High_CH



N5(20M)_DFT-s-
OFDM_BPSK_Outer_Full_High_CH



N5(20M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH



FR1 N5

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

Transmitter Conducted Output Power And ERP/EIRP, (G_T - L_C)=-2.12dB

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Conducted Power(dBm)	ERP(dBm)	ERP(W)
5	15	5	174300	826.5	DFT-s-OFDM PI/2 BPSK	12@6	23.23	18.96	0.0787
5	15	5	174300	826.5	DFT-s-OFDM PI/2 BPSK	1@1	23.23	18.96	0.0787
5	15	5	174300	826.5	DFT-s-OFDM PI/2 BPSK	1@23	23.18	18.91	0.0778
5	15	5	174300	826.5	DFT-s-OFDM QPSK	12@6	23.09	18.82	0.0762
5	15	5	174300	826.5	DFT-s-OFDM QPSK	1@1	23.27	19.0	0.0794
5	15	5	174300	826.5	DFT-s-OFDM QPSK	1@23	23.22	18.95	0.0785
5	15	5	174300	826.5	DFT-s-OFDM 16 QAM	12@6	22.3	18.03	0.0635
5	15	5	174300	826.5	DFT-s-OFDM 16 QAM	1@1	22.16	17.89	0.0615
5	15	5	174300	826.5	DFT-s-OFDM 16 QAM	1@23	22.11	17.84	0.0608
5	15	5	174300	826.5	DFT-s-OFDM 64 QAM	12@6	20.71	16.44	0.0441
5	15	5	174300	826.5	DFT-s-OFDM 64 QAM	1@1	20.86	16.59	0.0456
5	15	5	174300	826.5	DFT-s-OFDM 64 QAM	1@23	20.85	16.58	0.0455
5	15	5	174300	826.5	DFT-s-OFDM 256 QAM	12@6	18.57	14.3	0.0269
5	15	5	174300	826.5	DFT-s-OFDM 256 QAM	1@1	18.12	13.85	0.0243
5	15	5	174300	826.5	DFT-s-OFDM 256 QAM	1@23	18.07	13.8	0.024
5	15	5	174300	826.5	CP-OFDM QPSK	13@6	21.72	17.45	0.0556
5	15	5	174300	826.5	CP-OFDM QPSK	1@1	21.62	17.35	0.0543
5	15	5	174300	826.5	CP-OFDM QPSK	1@23	21.5	17.23	0.0528
5	15	5	176300	836.5	DFT-s-OFDM PI/2 BPSK	12@6	23.23	18.96	0.0787

5	15	5	176300	836.5	DFT-s-OFDM PI/2 BPSK	1@1	23.12	18.85	0.0767
5	15	5	176300	836.5	DFT-s-OFDM PI/2 BPSK	1@23	23.19	18.92	0.078
5	15	5	176300	836.5	DFT-s-OFDM QPSK	12@6	23.14	18.87	0.0771
5	15	5	176300	836.5	DFT-s-OFDM QPSK	1@1	23.12	18.85	0.0767
5	15	5	176300	836.5	DFT-s-OFDM QPSK	1@23	23.2	18.93	0.0782
5	15	5	176300	836.5	DFT-s-OFDM 16 QAM	12@6	22.17	17.9	0.0617
5	15	5	176300	836.5	DFT-s-OFDM 16 QAM	1@1	22.1	17.83	0.0607
5	15	5	176300	836.5	DFT-s-OFDM 16 QAM	1@23	22.1	17.83	0.0607
5	15	5	176300	836.5	DFT-s-OFDM 64 QAM	12@6	20.67	16.4	0.0437
5	15	5	176300	836.5	DFT-s-OFDM 64 QAM	1@1	20.74	16.47	0.0444
5	15	5	176300	836.5	DFT-s-OFDM 64 QAM	1@23	20.75	16.48	0.0445
5	15	5	176300	836.5	DFT-s-OFDM 256 QAM	12@6	18.66	14.39	0.0275
5	15	5	176300	836.5	DFT-s-OFDM 256 QAM	1@1	18.12	13.85	0.0243
5	15	5	176300	836.5	DFT-s-OFDM 256 QAM	1@23	18.16	13.89	0.0245
5	15	5	176300	836.5	CP-OFDM QPSK	13@6	21.66	17.39	0.0548
5	15	5	176300	836.5	CP-OFDM QPSK	1@1	21.85	17.58	0.0573
5	15	5	176300	836.5	CP-OFDM QPSK	1@23	21.9	17.63	0.0579
5	15	5	178300	846.5	DFT-s-OFDM PI/2 BPSK	12@6	23.07	18.8	0.0759
5	15	5	178300	846.5	DFT-s-OFDM PI/2 BPSK	1@1	23.1	18.83	0.0764
5	15	5	178300	846.5	DFT-s-OFDM PI/2 BPSK	1@23	23.0	18.73	0.0746
5	15	5	178300	846.5	DFT-s-OFDM QPSK	12@6	22.88	18.61	0.0726
5	15	5	178300	846.5	DFT-s-OFDM QPSK	1@1	23.02	18.75	0.075
5	15	5	178300	846.5	DFT-s-OFDM QPSK	1@23	22.91	18.64	0.0731
5	15	5	178300	846.5	DFT-s-OFDM 16 QAM	12@6	22.01	17.74	0.0594

5	15	5	178300	846.5	DFT-s-OFDM 16 QAM	1@1	21.94	17.67	0.0585
5	15	5	178300	846.5	DFT-s-OFDM 16 QAM	1@23	21.84	17.57	0.0571
5	15	5	178300	846.5	DFT-s-OFDM 64 QAM	12@6	20.46	16.19	0.0416
5	15	5	178300	846.5	DFT-s-OFDM 64 QAM	1@1	20.68	16.41	0.0438
5	15	5	178300	846.5	DFT-s-OFDM 64 QAM	1@23	20.55	16.28	0.0425
5	15	5	178300	846.5	DFT-s-OFDM 256 QAM	12@6	18.41	14.14	0.0259
5	15	5	178300	846.5	DFT-s-OFDM 256 QAM	1@1	17.96	13.69	0.0234
5	15	5	178300	846.5	DFT-s-OFDM 256 QAM	1@23	17.93	13.66	0.0232
5	15	5	178300	846.5	CP-OFDM QPSK	13@6	21.46	17.19	0.0524
5	15	5	178300	846.5	CP-OFDM QPSK	1@1	21.8	17.53	0.0566
5	15	5	178300	846.5	CP-OFDM QPSK	1@23	21.24	16.97	0.0498
5	15	10	174800	829.0	DFT-s-OFDM PI/2 BPSK	25@12	23.31	19.04	0.0802
5	15	10	174800	829.0	DFT-s-OFDM PI/2 BPSK	1@1	23.19	18.92	0.078
5	15	10	174800	829.0	DFT-s-OFDM PI/2 BPSK	1@50	23.17	18.9	0.0776
5	15	10	174800	829.0	DFT-s-OFDM QPSK	25@12	23.2	18.93	0.0782
5	15	10	174800	829.0	DFT-s-OFDM QPSK	1@1	23.25	18.98	0.0791
5	15	10	174800	829.0	DFT-s-OFDM QPSK	1@50	23.24	18.97	0.0789
5	15	10	174800	829.0	DFT-s-OFDM 16 QAM	25@12	22.25	17.98	0.0628
5	15	10	174800	829.0	DFT-s-OFDM 16 QAM	1@1	22.1	17.83	0.0607
5	15	10	174800	829.0	DFT-s-OFDM 16 QAM	1@50	22.18	17.91	0.0618
5	15	10	174800	829.0	DFT-s-OFDM 64 QAM	25@12	20.69	16.42	0.0439
5	15	10	174800	829.0	DFT-s-OFDM 64 QAM	1@1	20.83	16.56	0.0453
5	15	10	174800	829.0	DFT-s-OFDM 64 QAM	1@50	20.82	16.55	0.0452
5	15	10	174800	829.0	DFT-s-OFDM 256 QAM	25@12	18.61	14.34	0.0272

5	15	10	174800	829.0	DFT-s-OFDM 256 QAM	1@1	18.66	14.39	0.0275
5	15	10	174800	829.0	DFT-s-OFDM 256 QAM	1@50	18.62	14.35	0.0272
5	15	10	174800	829.0	CP-OFDM QPSK	26@13	21.62	17.35	0.0543
5	15	10	174800	829.0	CP-OFDM QPSK	1@1	21.68	17.41	0.0551
5	15	10	174800	829.0	CP-OFDM QPSK	1@50	21.85	17.58	0.0573
5	15	10	176300	836.5	DFT-s-OFDM PI/2 BPSK	25@12	23.14	18.87	0.0771
5	15	10	176300	836.5	DFT-s-OFDM PI/2 BPSK	1@1	23.13	18.86	0.0769
5	15	10	176300	836.5	DFT-s-OFDM PI/2 BPSK	1@50	23.11	18.84	0.0766
5	15	10	176300	836.5	DFT-s-OFDM QPSK	25@12	23.15	18.88	0.0773
5	15	10	176300	836.5	DFT-s-OFDM QPSK	1@1	23.22	18.95	0.0785
5	15	10	176300	836.5	DFT-s-OFDM QPSK	1@50	23.13	18.86	0.0769
5	15	10	176300	836.5	DFT-s-OFDM 16 QAM	25@12	22.13	17.86	0.0611
5	15	10	176300	836.5	DFT-s-OFDM 16 QAM	1@1	22.14	17.87	0.0612
5	15	10	176300	836.5	DFT-s-OFDM 16 QAM	1@50	22.11	17.84	0.0608
5	15	10	176300	836.5	DFT-s-OFDM 64 QAM	25@12	20.66	16.39	0.0436
5	15	10	176300	836.5	DFT-s-OFDM 64 QAM	1@1	20.77	16.5	0.0447
5	15	10	176300	836.5	DFT-s-OFDM 64 QAM	1@50	20.71	16.44	0.0441
5	15	10	176300	836.5	DFT-s-OFDM 256 QAM	25@12	18.52	14.25	0.0266
5	15	10	176300	836.5	DFT-s-OFDM 256 QAM	1@1	18.57	14.3	0.0269
5	15	10	176300	836.5	DFT-s-OFDM 256 QAM	1@50	18.54	14.27	0.0267
5	15	10	176300	836.5	CP-OFDM QPSK	26@13	21.55	17.28	0.0535
5	15	10	176300	836.5	CP-OFDM QPSK	1@1	21.55	17.28	0.0535
5	15	10	176300	836.5	CP-OFDM QPSK	1@50	21.6	17.33	0.0541
5	15	10	177800	844.0	DFT-s-OFDM PI/2 BPSK	25@12	23.14	18.87	0.0771

5	15	10	177800	844.0	DFT-s-OFDM PI/2 BPSK	1@1	23.2	18.93	0.0782
5	15	10	177800	844.0	DFT-s-OFDM PI/2 BPSK	1@50	22.97	18.7	0.0741
5	15	10	177800	844.0	DFT-s-OFDM QPSK	25@12	23.05	18.78	0.0755
5	15	10	177800	844.0	DFT-s-OFDM QPSK	1@1	23.23	18.96	0.0787
5	15	10	177800	844.0	DFT-s-OFDM QPSK	1@50	23.0	18.73	0.0746
5	15	10	177800	844.0	DFT-s-OFDM 16 QAM	25@12	22.04	17.77	0.0598
5	15	10	177800	844.0	DFT-s-OFDM 16 QAM	1@1	22.09	17.82	0.0605
5	15	10	177800	844.0	DFT-s-OFDM 16 QAM	1@50	21.8	17.53	0.0566
5	15	10	177800	844.0	DFT-s-OFDM 64 QAM	25@12	20.57	16.3	0.0427
5	15	10	177800	844.0	DFT-s-OFDM 64 QAM	1@1	20.78	16.51	0.0448
5	15	10	177800	844.0	DFT-s-OFDM 64 QAM	1@50	20.59	16.32	0.0429
5	15	10	177800	844.0	DFT-s-OFDM 256 QAM	25@12	18.51	14.24	0.0265
5	15	10	177800	844.0	DFT-s-OFDM 256 QAM	1@1	18.54	14.27	0.0267
5	15	10	177800	844.0	DFT-s-OFDM 256 QAM	1@50	18.36	14.09	0.0256
5	15	10	177800	844.0	CP-OFDM QPSK	26@13	21.53	17.26	0.0532
5	15	10	177800	844.0	CP-OFDM QPSK	1@1	21.48	17.21	0.0526
5	15	10	177800	844.0	CP-OFDM QPSK	1@50	21.39	17.12	0.0515
5	15	15	175300	831.5	DFT-s-OFDM PI/2 BPSK	36@18	23.37	19.1	0.0813
5	15	15	175300	831.5	DFT-s-OFDM PI/2 BPSK	1@1	23.22	18.95	0.0785
5	15	15	175300	831.5	DFT-s-OFDM PI/2 BPSK	1@77	23.1	18.83	0.0764
5	15	15	175300	831.5	DFT-s-OFDM QPSK	36@18	23.22	18.95	0.0785
5	15	15	175300	831.5	DFT-s-OFDM QPSK	1@1	23.27	19.0	0.0794
5	15	15	175300	831.5	DFT-s-OFDM QPSK	1@77	23.07	18.8	0.0759
5	15	15	175300	831.5	DFT-s-OFDM 16 QAM	36@18	22.28	18.01	0.0632

5	15	15	175300	831.5	DFT-s-OFDM 16 QAM	1@1	22.13	17.86	0.0611
5	15	15	175300	831.5	DFT-s-OFDM 16 QAM	1@77	22.03	17.76	0.0597
5	15	15	175300	831.5	DFT-s-OFDM 64 QAM	36@18	20.74	16.47	0.0444
5	15	15	175300	831.5	DFT-s-OFDM 64 QAM	1@1	20.81	16.54	0.0451
5	15	15	175300	831.5	DFT-s-OFDM 64 QAM	1@77	20.81	16.54	0.0451
5	15	15	175300	831.5	DFT-s-OFDM 256 QAM	36@18	18.53	14.26	0.0267
5	15	15	175300	831.5	DFT-s-OFDM 256 QAM	1@1	18.07	13.8	0.024
5	15	15	175300	831.5	DFT-s-OFDM 256 QAM	1@77	18.07	13.8	0.024
5	15	15	175300	831.5	CP-OFDM QPSK	39@191	20.12	15.85	0.0385
5	15	15	175300	831.5	CP-OFDM QPSK	1@1	21.7	17.43	0.0553
5	15	15	175300	831.5	CP-OFDM QPSK	1@77	21.32	17.05	0.0507
5	15	15	176300	836.5	DFT-s-OFDM PI/2 BPSK	36@18	23.25	18.98	0.0791
5	15	15	176300	836.5	DFT-s-OFDM PI/2 BPSK	1@1	23.17	18.9	0.0776
5	15	15	176300	836.5	DFT-s-OFDM PI/2 BPSK	1@77	22.89	18.62	0.0728
5	15	15	176300	836.5	DFT-s-OFDM QPSK	36@18	23.1	18.83	0.0764
5	15	15	176300	836.5	DFT-s-OFDM QPSK	1@1	23.3	19.03	0.08
5	15	15	176300	836.5	DFT-s-OFDM QPSK	1@77	22.97	18.7	0.0741
5	15	15	176300	836.5	DFT-s-OFDM 16 QAM	36@18	22.22	17.95	0.0624
5	15	15	176300	836.5	DFT-s-OFDM 16 QAM	1@1	22.08	17.81	0.0604
5	15	15	176300	836.5	DFT-s-OFDM 16 QAM	1@77	21.92	17.65	0.0582
5	15	15	176300	836.5	DFT-s-OFDM 64 QAM	36@18	20.63	16.36	0.0433
5	15	15	176300	836.5	DFT-s-OFDM 64 QAM	1@1	20.8	16.53	0.045
5	15	15	176300	836.5	DFT-s-OFDM 64 QAM	1@77	20.57	16.3	0.0427
5	15	15	176300	836.5	DFT-s-OFDM 256 QAM	36@18	18.53	14.26	0.0267

5	15	15	176300	836.5	DFT-s-OFDM 256 QAM	1@1	18.1	13.83	0.0242
5	15	15	176300	836.5	DFT-s-OFDM 256 QAM	1@77	17.93	13.66	0.0232
5	15	15	176300	836.5	CP-OFDM QPSK	39@191	20.1	15.83	0.0383
5	15	15	176300	836.5	CP-OFDM QPSK	1@1	21.75	17.48	0.056
5	15	15	176300	836.5	CP-OFDM QPSK	1@77	21.21	16.94	0.0494
5	15	15	177300	841.5	DFT-s-OFDM PI/2 BPSK	36@18	23.04	18.77	0.0753
5	15	15	177300	841.5	DFT-s-OFDM PI/2 BPSK	1@1	23.12	18.85	0.0767
5	15	15	177300	841.5	DFT-s-OFDM PI/2 BPSK	1@77	22.92	18.65	0.0733
5	15	15	177300	841.5	DFT-s-OFDM QPSK	36@18	23.02	18.75	0.075
5	15	15	177300	841.5	DFT-s-OFDM QPSK	1@1	23.17	18.9	0.0776
5	15	15	177300	841.5	DFT-s-OFDM QPSK	1@77	22.87	18.6	0.0724
5	15	15	177300	841.5	DFT-s-OFDM 16 QAM	36@18	22.05	17.78	0.06
5	15	15	177300	841.5	DFT-s-OFDM 16 QAM	1@1	22.04	17.77	0.0598
5	15	15	177300	841.5	DFT-s-OFDM 16 QAM	1@77	21.79	17.52	0.0565
5	15	15	177300	841.5	DFT-s-OFDM 64 QAM	36@18	20.61	16.34	0.0431
5	15	15	177300	841.5	DFT-s-OFDM 64 QAM	1@1	20.72	16.45	0.0442
5	15	15	177300	841.5	DFT-s-OFDM 64 QAM	1@77	20.47	16.2	0.0417
5	15	15	177300	841.5	DFT-s-OFDM 256 QAM	36@18	18.45	14.18	0.0262
5	15	15	177300	841.5	DFT-s-OFDM 256 QAM	1@1	18.12	13.85	0.0243
5	15	15	177300	841.5	DFT-s-OFDM 256 QAM	1@77	17.81	13.54	0.0226
5	15	15	177300	841.5	CP-OFDM QPSK	39@191	20.06	15.79	0.0379
5	15	15	177300	841.5	CP-OFDM QPSK	1@1	21.82	17.55	0.0569
5	15	15	177300	841.5	CP-OFDM QPSK	1@77	21.29	17.02	0.0504
5	15	20	175800	834.0	DFT-s-OFDM PI/2 BPSK	50@25	23.16	18.89	0.0774

5	15	20	175800	834.0	DFT-s-OFDM PI/2 BPSK	1@1	23.34	19.07	0.0807
5	15	20	175800	834.0	DFT-s-OFDM PI/2 BPSK	1@104	23.06	18.79	0.0757
5	15	20	175800	834.0	DFT-s-OFDM QPSK	50@25	23.23	18.96	0.0787
5	15	20	175800	834.0	DFT-s-OFDM QPSK	1@1	23.3	19.03	0.08
5	15	20	175800	834.0	DFT-s-OFDM QPSK	1@104	23.03	18.76	0.0752
5	15	20	175800	834.0	DFT-s-OFDM 16 QAM	50@25	22.21	17.94	0.0622
5	15	20	175800	834.0	DFT-s-OFDM 16 QAM	1@1	22.12	17.85	0.061
5	15	20	175800	834.0	DFT-s-OFDM 16 QAM	1@104	21.9	17.63	0.0579
5	15	20	175800	834.0	DFT-s-OFDM 64 QAM	50@25	20.7	16.43	0.044
5	15	20	175800	834.0	DFT-s-OFDM 64 QAM	1@1	20.84	16.57	0.0454
5	15	20	175800	834.0	DFT-s-OFDM 64 QAM	1@104	21.07	16.8	0.0479
5	15	20	175800	834.0	DFT-s-OFDM 256 QAM	50@25	18.67	14.4	0.0275
5	15	20	175800	834.0	DFT-s-OFDM 256 QAM	1@1	18.11	13.84	0.0242
5	15	20	175800	834.0	DFT-s-OFDM 256 QAM	1@104	17.96	13.69	0.0234
5	15	20	175800	834.0	CP-OFDM QPSK	53@26	21.67	17.4	0.055
5	15	20	175800	834.0	CP-OFDM QPSK	1@1	21.75	17.48	0.056
5	15	20	175800	834.0	CP-OFDM QPSK	1@104	21.34	17.07	0.0509
5	15	20	176300	836.5	DFT-s-OFDM PI/2 BPSK	50@25	23.3	19.03	0.08
5	15	20	176300	836.5	DFT-s-OFDM PI/2 BPSK	1@1	23.33	19.06	0.0805
5	15	20	176300	836.5	DFT-s-OFDM PI/2 BPSK	1@104	23.01	18.74	0.0748
5	15	20	176300	836.5	DFT-s-OFDM QPSK	50@25	23.2	18.93	0.0782
5	15	20	176300	836.5	DFT-s-OFDM QPSK	1@1	23.23	18.96	0.0787
5	15	20	176300	836.5	DFT-s-OFDM QPSK	1@104	22.94	18.67	0.0736
5	15	20	176300	836.5	DFT-s-OFDM 16 QAM	50@25	22.17	17.9	0.0617

5	15	20	176300	836.5	DFT-s-OFDM 16 QAM	1@1	22.06	17.79	0.0601
5	15	20	176300	836.5	DFT-s-OFDM 16 QAM	1@104	21.85	17.58	0.0573
5	15	20	176300	836.5	DFT-s-OFDM 64 QAM	50@25	20.7	16.43	0.044
5	15	20	176300	836.5	DFT-s-OFDM 64 QAM	1@1	20.41	16.14	0.0411
5	15	20	176300	836.5	DFT-s-OFDM 64 QAM	1@104	21.53	17.26	0.0532
5	15	20	176300	836.5	DFT-s-OFDM 256 QAM	50@25	18.58	14.31	0.027
5	15	20	176300	836.5	DFT-s-OFDM 256 QAM	1@1	18.12	13.85	0.0243
5	15	20	176300	836.5	DFT-s-OFDM 256 QAM	1@104	17.94	13.67	0.0233
5	15	20	176300	836.5	CP-OFDM QPSK	53@26	21.66	17.39	0.0548
5	15	20	176300	836.5	CP-OFDM QPSK	1@1	21.97	17.7	0.0589
5	15	20	176300	836.5	CP-OFDM QPSK	1@104	21.53	17.26	0.0532
5	15	20	176800	839.0	DFT-s-OFDM PI/2 BPSK	50@25	23.11	18.84	0.0766
5	15	20	176800	839.0	DFT-s-OFDM PI/2 BPSK	1@1	23.25	18.98	0.0791
5	15	20	176800	839.0	DFT-s-OFDM PI/2 BPSK	1@104	22.98	18.71	0.0743
5	15	20	176800	839.0	DFT-s-OFDM QPSK	50@25	23.16	18.89	0.0774
5	15	20	176800	839.0	DFT-s-OFDM QPSK	1@1	23.24	18.97	0.0789
5	15	20	176800	839.0	DFT-s-OFDM QPSK	1@104	22.93	18.66	0.0735
5	15	20	176800	839.0	DFT-s-OFDM 16 QAM	50@25	22.15	17.88	0.0614
5	15	20	176800	839.0	DFT-s-OFDM 16 QAM	1@1	22.19	17.92	0.0619
5	15	20	176800	839.0	DFT-s-OFDM 16 QAM	1@104	21.82	17.55	0.0569
5	15	20	176800	839.0	DFT-s-OFDM 64 QAM	50@25	20.65	16.38	0.0435
5	15	20	176800	839.0	DFT-s-OFDM 64 QAM	1@1	20.56	16.29	0.0426
5	15	20	176800	839.0	DFT-s-OFDM 64 QAM	1@104	21.2	16.93	0.0493
5	15	20	176800	839.0	DFT-s-OFDM 256 QAM	50@25	18.59	14.32	0.027

5	15	20	176800	839.0	DFT-s- OFDM 256 QAM	1@1	18.26	13.99	0.0251
5	15	20	176800	839.0	DFT-s- OFDM 256 QAM	1@104	17.88	13.61	0.023
5	15	20	176800	839.0	CP-OFDM QPSK	53@26	21.58	17.31	0.0538
5	15	20	176800	839.0	CP-OFDM QPSK	1@1	21.79	17.52	0.0565
5	15	20	176800	839.0	CP-OFDM QPSK	1@104	21.52	17.25	0.0531

FR1 N5

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

Frequency Stability

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Deviation (ppm)	Verdict	Environment
5	15	20	176300	836.5	DFT-s-OFDM QPSK	100@0	-0.00234	PASS	NV
5	15	20	176300	836.5	DFT-s-OFDM QPSK	100@0	-0.00318	PASS	LV
5	15	20	176300	836.5	DFT-s-OFDM QPSK	100@0	-0.00421	PASS	HV
5	15	20	176300	836.5	DFT-s-OFDM QPSK	100@0	-0.00232	PASS	-30°C
5	15	20	176300	836.5	DFT-s-OFDM QPSK	100@0	-0.00188	PASS	-20°C
5	15	20	176300	836.5	DFT-s-OFDM QPSK	100@0	-0.00324	PASS	-10°C
5	15	20	176300	836.5	DFT-s-OFDM QPSK	100@0	-0.00127	PASS	0°C
5	15	20	176300	836.5	DFT-s-OFDM QPSK	100@0	-0.00342	PASS	10°C
5	15	20	176300	836.5	DFT-s-OFDM QPSK	100@0	-0.00237	PASS	20°C
5	15	20	176300	836.5	DFT-s-OFDM QPSK	100@0	0.00371	PASS	30°C
5	15	20	176300	836.5	DFT-s-OFDM QPSK	100@0	-0.00628	PASS	40°C
5	15	20	176300	836.5	DFT-s-OFDM QPSK	100@0	-0.00883	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	175800	834.0	DFT-s-OFDM PI/2 BPSK	100@0	4.01	13	PASS
5	15	20	175800	834.0	DFT-s-OFDM PI/2 BPSK	1@0	3.56	13	PASS
5	15	20	175800	834.0	DFT-s-OFDM QPSK	100@0	4.58	13	PASS
5	15	20	175800	834.0	DFT-s-OFDM QPSK	1@0	3.52	13	PASS
5	15	20	176300	836.5	DFT-s-OFDM PI/2 BPSK	100@0	3.83	13	PASS
5	15	20	176300	836.5	DFT-s-OFDM PI/2 BPSK	1@0	3.58	13	PASS
5	15	20	176300	836.5	DFT-s-OFDM QPSK	100@0	4.58	13	PASS
5	15	20	176300	836.5	DFT-s-OFDM QPSK	1@0	3.56	13	PASS
5	15	20	176800	839.0	DFT-s-OFDM PI/2 BPSK	100@0	3.92	13	PASS
5	15	20	176800	839.0	DFT-s-OFDM PI/2 BPSK	1@0	3.63	13	PASS
5	15	20	176800	839.0	DFT-s-OFDM QPSK	100@0	4.7	13	PASS
5	15	20	176800	839.0	DFT-s-OFDM QPSK	1@0	3.58	13	PASS

B2_N5(20M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_Low_CH



B2_N5(20M)_DFT-s-OFDM_PI_2-BPSK_Edge_1RB_Left_Low_CH



B2_N5(20M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH



B2_N5(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



B2_N5(20M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_Mid_CH



B2_N5(20M)_DFT-s-OFDM_PI_2-BPSK_Edge_1RB_Left_Mid_CH



B2_N5(20M)_DFT-s-OFDM_QPSK_Outer_Full_Mid_CH



B2_N5(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



B2_N5(20M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_High_CH



B2_N5(20M)_DFT-s-OFDM_PI_2-BPSK_Edge_1RB_Left_High_CH



B2_N5(20M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH



B2_N5(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH



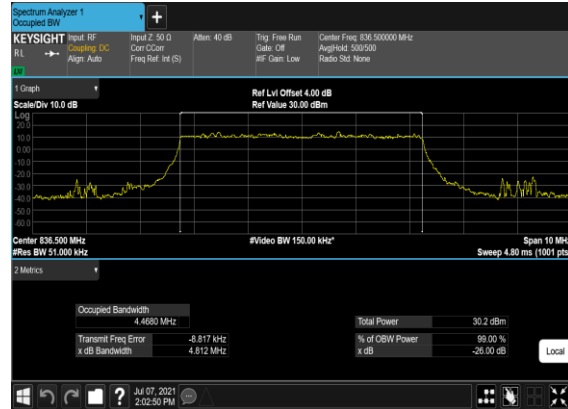
Occupied Bandwidth

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	OBW (MHz)	26dB OBW (MHz)
5	15	5	176300	836.5	DFT-s-OFDM PI/2 BPSK	25@0	4.4649	4.853
5	15	5	176300	836.5	DFT-s-OFDM QPSK	25@0	4.468	4.812
5	15	5	176300	836.5	CP-OFDM QPSK	25@0	4.4661	4.928
5	15	5	176300	836.5	CP-OFDM 16 QAM	25@0	4.4875	4.954
5	15	5	176300	836.5	CP-OFDM 64 QAM	25@0	4.4787	4.951
5	15	5	176300	836.5	CP-OFDM 256 QAM	25@0	4.4673	4.918
5	15	10	176300	836.5	DFT-s-OFDM PI/2 BPSK	50@0	8.8795	9.475
5	15	10	176300	836.5	DFT-s-OFDM QPSK	50@0	8.8989	9.513
5	15	10	176300	836.5	CP-OFDM QPSK	52@0	9.2707	9.92
5	15	10	176300	836.5	CP-OFDM 16 QAM	52@0	9.2608	9.854
5	15	10	176300	836.5	CP-OFDM 64 QAM	52@0	9.263	9.851
5	15	10	176300	836.5	CP-OFDM 256 QAM	52@0	9.2777	9.921
5	15	15	176300	836.5	DFT-s-OFDM PI/2 BPSK	75@0	13.36	14.1
5	15	15	176300	836.5	DFT-s-OFDM QPSK	75@0	13.366	14.1
5	15	15	176300	836.5	CP-OFDM QPSK	79@0	14.077	14.86
5	15	15	176300	836.5	CP-OFDM 16 QAM	79@0	14.095	14.84
5	15	15	176300	836.5	CP-OFDM 64 QAM	79@0	14.1	14.82
5	15	15	176300	836.5	CP-OFDM 256 QAM	79@0	14.05	14.72
5	15	20	176300	836.5	DFT-s-OFDM PI/2 BPSK	100@0	17.831	18.67
5	15	20	176300	836.5	DFT-s-OFDM QPSK	100@0	17.827	18.67
5	15	20	176300	836.5	CP-OFDM QPSK	106@0	18.883	19.8
5	15	20	176300	836.5	CP-OFDM 16 QAM	106@0	18.899	19.78
5	15	20	176300	836.5	CP-OFDM 64 QAM	106@0	18.883	19.7
5	15	20	176300	836.5	CP-OFDM 256 QAM	106@0	18.896	19.77

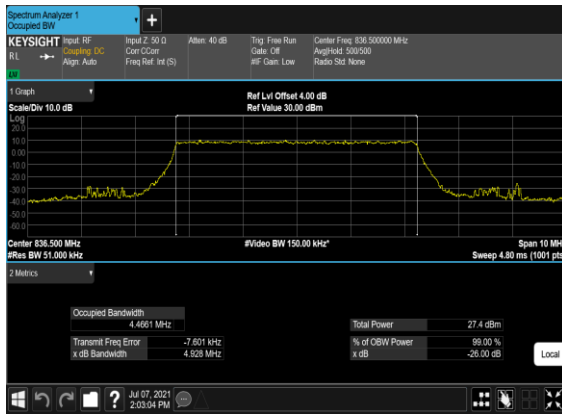
B2_N5(5M)_DFT-s-OFDM_PI_2-
BPSK_Outer_Full_Mid_CH



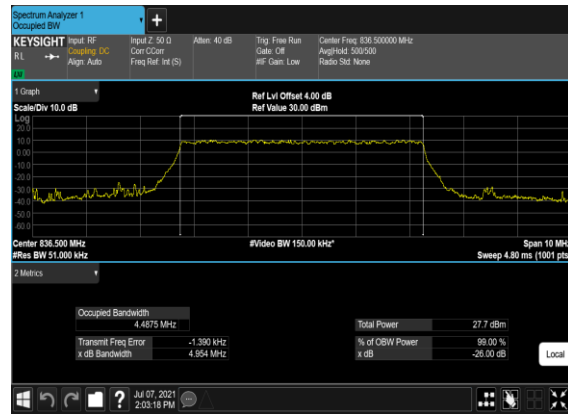
B2_N5(5M)_DFT-s-
OFDM_QPSK_Outer_Full_Mid_CH



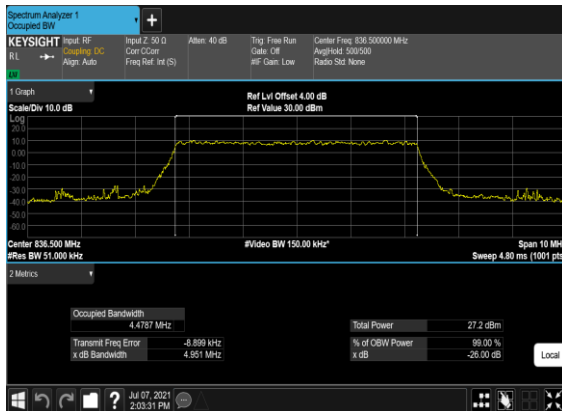
B2_N5(5M)_CP-
OFDM_QPSK_Outer_Full_Mid_CH



B2_N5(5M)_CP-OFDM_16
QAM_Outer_Full_Mid_CH



B2_N5(5M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH



B2_N5(5M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH

