41	30	100	528000	2640	DFT-s-OFDM 64 QAM	1@1	23.08	20.18	0.1042
41	30	100	528000	2640	DFT-s-OFDM 64 QAM	1@271	23.32	20.42	0.1102
41	30	100	528000	2640	DFT-s-OFDM 256 QAM	135@67	21.26	18.36	0.0685
41	30	100	528000	2640	DFT-s-OFDM 256 QAM	1@1	20.87	17.97	0.0627
41	30	100	528000	2640	DFT-s-OFDM 256 QAM	1@271	21.12	18.22	0.0664
41	30	100	528000	2640	CP-OFDM QPSK	137@68	24.12	21.22	0.1324
41	30	100	528000	2640	CP-OFDM QPSK	1@1	23.95	21.05	0.1274
41	30	100	528000	2640	CP-OFDM QPSK	1@271	24.14	21.24	0.1330

Frequency Stability

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Deviation (Hz)	Verdict	Environment
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	13.6	**PASS**	NV
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	13.5	**PASS**	LV
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	17.3	**PASS**	HV
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	10.8	**PASS**	-30℃
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	12.9	**PASS**	-20℃
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	15.9	**PASS**	-10℃
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	18.6	**PASS**	0℃
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	19.1	**PASS**	10℃
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	13.6	**PASS**	20℃
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	18.8	**PASS**	30℃
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	15.1	**PASS**	40℃
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	13.7	**PASS**	50℃

$|MAX(\triangle f)| = 19.1$ Hz

Frequency Stability	Frequency (MHz)	Limit Line	Result
fL – |MAX($\triangle$ f)|	2496.869181	$\geqq$ 2496 MHz	PASS
fH + |MAX($\triangle$ f)|	2688.701319	$\leqq$ 2690 MHz	

Peak to Average Ratio

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result (dB)	Limit (dB)	Verdict
41	30	20	518598	2592.99	DFT-s-OFDM PI/2 BPSK	50@0	4.34	13	**PASS**
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	5.51	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	30	20	518598	2592.99	CP-OFDM QPSK	51@0	18.212	19.01
41	30	20	518598	2592.99	CP-OFDM 16 QAM	51@0	18.153	18.99
41	30	20	518598	2592.99	CP-OFDM 64 QAM	51@0	18.161	18.89
41	30	20	518598	2592.99	CP-OFDM 256 QAM	51@0	18.156	18.94
41	30	30	518598	2592.99	CP-OFDM QPSK	78@0	27.803	28.87
41	30	30	518598	2592.99	CP-OFDM 16 QAM	78@0	27.783	29.04
41	30	30	518598	2592.99	CP-OFDM 64 QAM	78@0	27.822	28.83
41	30	30	518598	2592.99	CP-OFDM 256 QAM	78@0	27.809	28.83
41	30	40	518598	2592.99	CP-OFDM QPSK	106@0	37.791	39.15
41	30	40	518598	2592.99	CP-OFDM 16 QAM	106@0	37.829	39.17
41	30	40	518598	2592.99	CP-OFDM 64 QAM	106@0	37.834	39.29
41	30	40	518598	2592.99	CP-OFDM 256 QAM	106@0	37.68	39.19
41	30	50	518598	2592.99	CP-OFDM QPSK	133@0	47.42	49.05
41	30	50	518598	2592.99	CP-OFDM 16 QAM	133@0	47.37	48.96
41	30	50	518598	2592.99	CP-OFDM 64 QAM	133@0	47.478	49.1
41	30	50	518598	2592.99	CP-OFDM 256 QAM	133@0	47.359	49.11
41	30	60	518598	2592.99	CP-OFDM QPSK	162@0	57.782	59.69
41	30	60	518598	2592.99	CP-OFDM 16 QAM	162@0	57.798	59.68
41	30	60	518598	2592.99	CP-OFDM 64 QAM	162@0	57.822	59.66
41	30	60	518598	2592.99	CP-OFDM 256 QAM	162@0	57.77	59.67
41	30	80	518598	2592.99	CP-OFDM QPSK	217@0	77.09	79.9
41	30	80	518598	2592.99	CP-OFDM 16 QAM	217@0	77.441	79.88
41	30	80	518598	2592.99	CP-OFDM 64 QAM	217@0	77.343	79.9
41	30	80	518598	2592.99	CP-OFDM 256 QAM	217@0	77.392	79.95
41	30	90	518598	2592.99	CP-OFDM QPSK	245@0	87.357	90.26
41	30	90	518598	2592.99	CP-OFDM 16 QAM	245@0	87.382	90.19
41	30	90	518598	2592.99	CP-OFDM 64 QAM	245@0	87.541	90.31
41	30	90	518598	2592.99	CP-OFDM 256 QAM	245@0	87.157	90.17
41	30	100	518598	2592.99	CP-OFDM QPSK	273@0	97.246	100.5
41	30	100	518598	2592.99	CP-OFDM 16 QAM	273@0	97.34	100.4

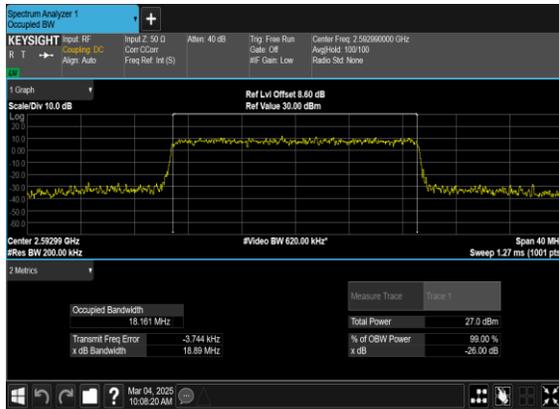| 41 | 30 | 100 | 518598 | 2592.99 | CP-OFDM 64 QAM | 273@0 | 97.484 | 100.5 |
| 41 | 30 | 100 | 518598 | 2592.99 | CP-OFDM 256 QAM | 273@0 | 97.351 | 100.5 |

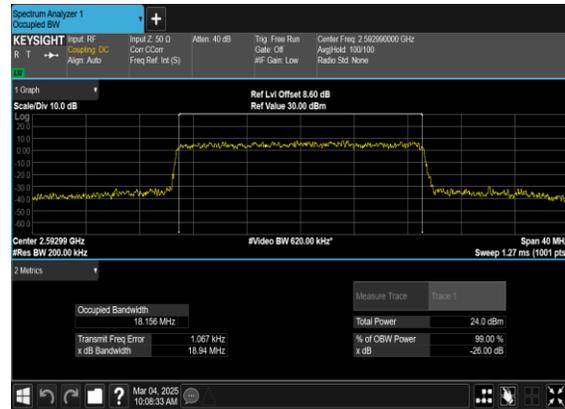### N41(20M)_CP-OFDM_QPSK_Outer_Full_Mid_CH

N41(20M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH
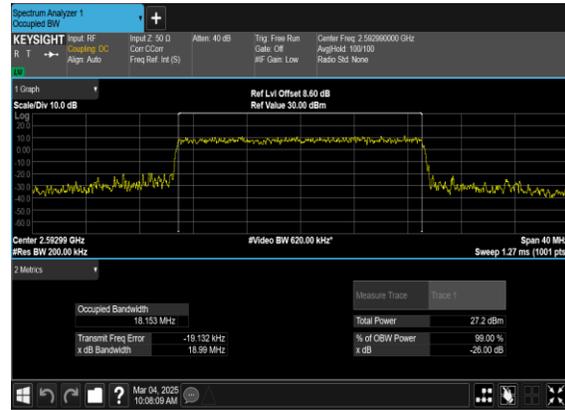
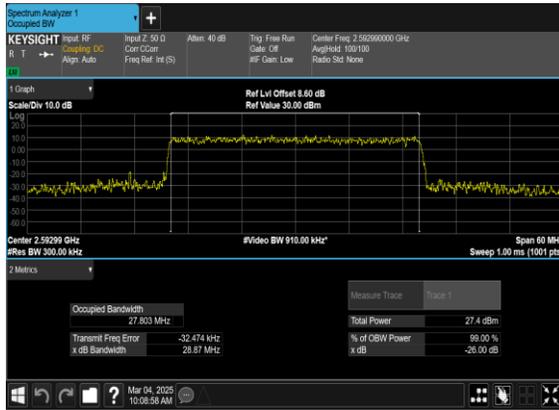### N41(20M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH
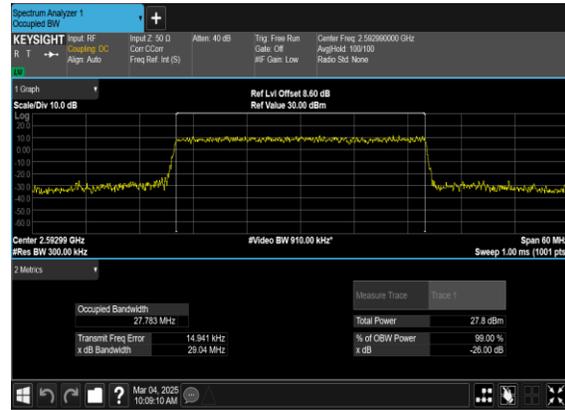

N41(20M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH

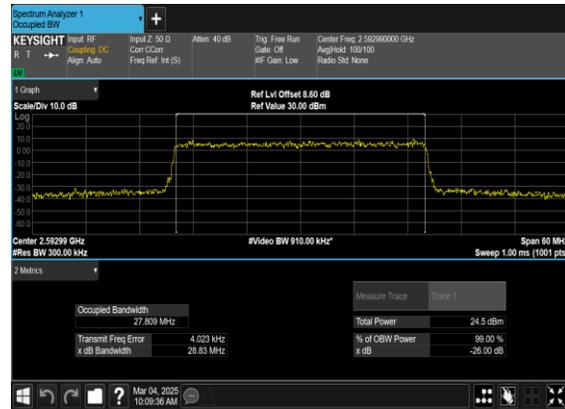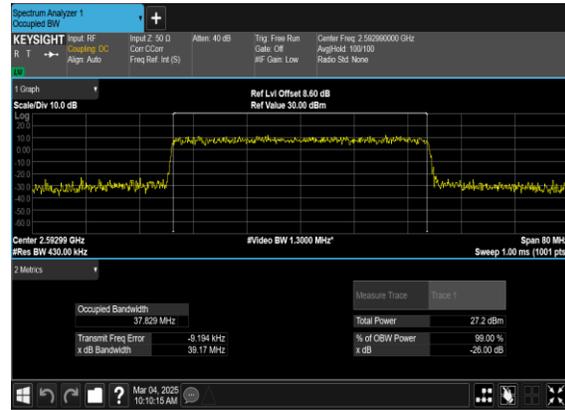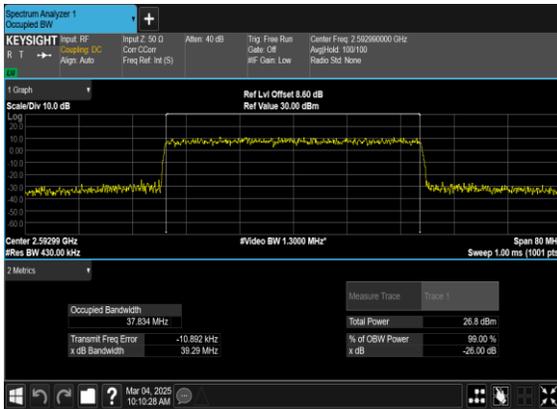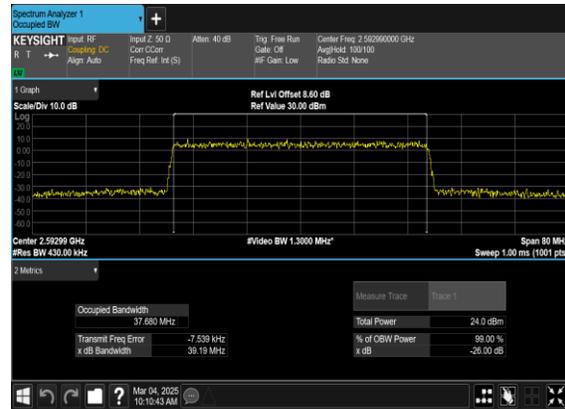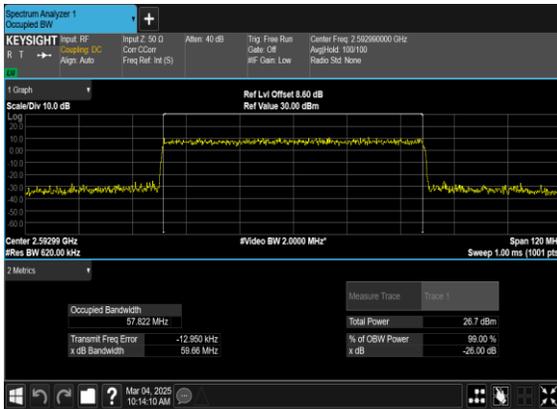### N41(30M)_CP-OFDM_QPSK_Outer_Full_Mid_CH

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

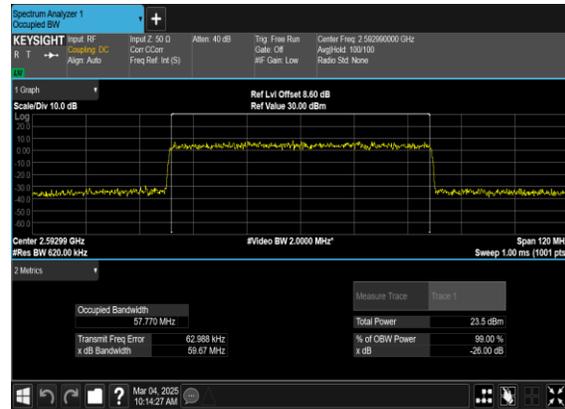### N41(40M)_CP-OFDM_QPSK_Outer_Full_Mid_CH

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

N41(60M)_CP-OFDM_QPSK_Outer_Full_Mid_CH

N41(60M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH

N41(60M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH

N41(60M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH

N41(80M)_CP-OFDM_QPSK_Outer_Full_Mid_CH
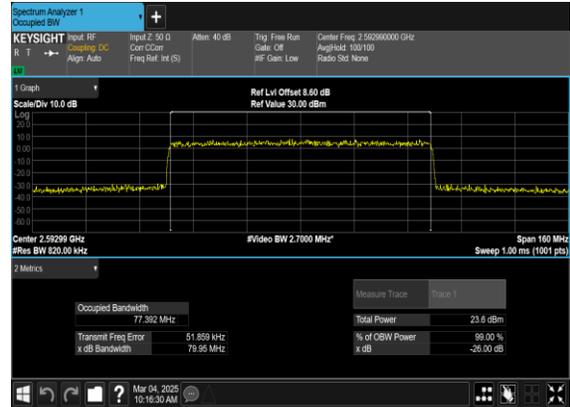

N41(80M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH

N41(80M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH

N41(80M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH

N41(90M)_CP-OFDM_QPSK_Outer_Full_Mid_CH

N41(90M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH

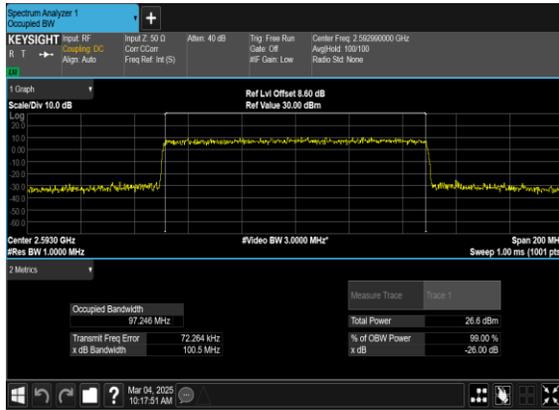### N41(90M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH

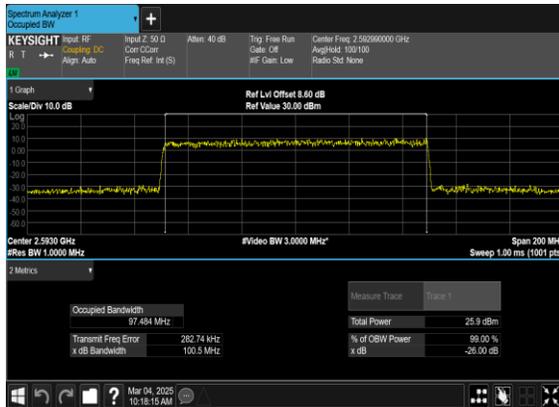### N41(90M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH

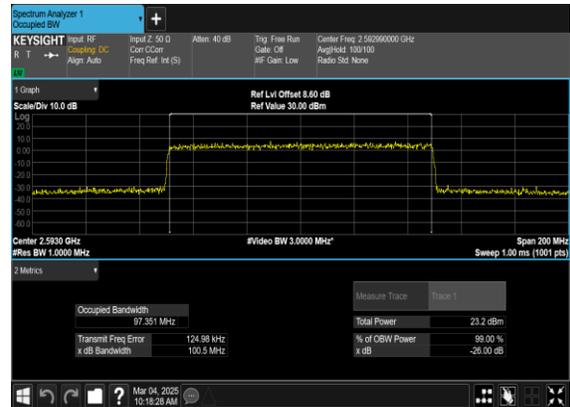### N41(100M)_CP-OFDM_QPSK_Outer_Full_Mid_CH

N41(100M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH

N41(100M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH

N41(100M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH

Conducted Spurious Emissions

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
41	30	20	501204	2506.02	DFT-s-OFDM BPSK	1@0	see graph	---
41	30	20	501204	2506.02	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
41	30	20	501204	2506.02	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
41	30	20	501204	2506.02	DFT-s-OFDM QPSK	1@0	see graph	---
41	30	20	501204	2506.02	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
41	30	20	501204	2506.02	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
41	30	20	518598	2592.99	DFT-s-OFDM BPSK	1@0	see graph	---
41	30	20	518598	2592.99	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
41	30	20	518598	2592.99	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	1@0	see graph	---
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
41	30	20	535998	2679.99	DFT-s-OFDM BPSK	1@0	see graph	---
41	30	20	535998	2679.99	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
41	30	20	535998	2679.99	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
41	30	20	535998	2679.99	DFT-s-OFDM QPSK	1@0	see graph	---
41	30	20	535998	2679.99	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
41	30	20	535998	2679.99	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
41	30	50	504204	2521.02	DFT-s-OFDM BPSK	1@0	see graph	---
41	30	50	504204	2521.02	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
41	30	50	504204	2521.02	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
41	30	50	504204	2521.02	DFT-s-OFDM QPSK	1@0	see graph	---
41	30	50	504204	2521.02	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
41	30	50	504204	2521.02	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
41	30	50	518598	2592.99	DFT-s-OFDM BPSK	1@0	see graph	---
41	30	50	518598	2592.99	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
41	30	50	518598	2592.99	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
41	30	50	518598	2592.99	DFT-s-OFDM QPSK	1@0	see graph	---
41	30	50	518598	2592.99	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
41	30	50	518598	2592.99	DFT-s-OFDM QPSK	1@0	see graph	**PASS**

41	30	50	532998	2664.99	DFT-s-OFDM BPSK	1@0	see graph	---
41	30	50	532998	2664.99	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
41	30	50	532998	2664.99	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
41	30	50	532998	2664.99	DFT-s-OFDM QPSK	1@0	see graph	---
41	30	50	532998	2664.99	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
41	30	50	532998	2664.99	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
41	30	100	509202	2546.01	DFT-s-OFDM BPSK	1@0	see graph	---
41	30	100	509202	2546.01	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
41	30	100	509202	2546.01	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
41	30	100	509202	2546.01	DFT-s-OFDM QPSK	1@0	see graph	---
41	30	100	509202	2546.01	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
41	30	100	509202	2546.01	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
41	30	100	518598	2592.99	DFT-s-OFDM BPSK	1@0	see graph	---
41	30	100	518598	2592.99	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
41	30	100	518598	2592.99	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
41	30	100	518598	2592.99	DFT-s-OFDM QPSK	1@0	see graph	---
41	30	100	518598	2592.99	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
41	30	100	518598	2592.99	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
41	30	100	528000	2640.0	DFT-s-OFDM BPSK	1@0	see graph	---
41	30	100	528000	2640.0	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
41	30	100	528000	2640.0	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
41	30	100	528000	2640.0	DFT-s-OFDM QPSK	1@0	see graph	---
41	30	100	528000	2640.0	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
41	30	100	528000	2640.0	DFT-s-OFDM QPSK	1@0	see graph	**PASS**

N41(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH

N41(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH

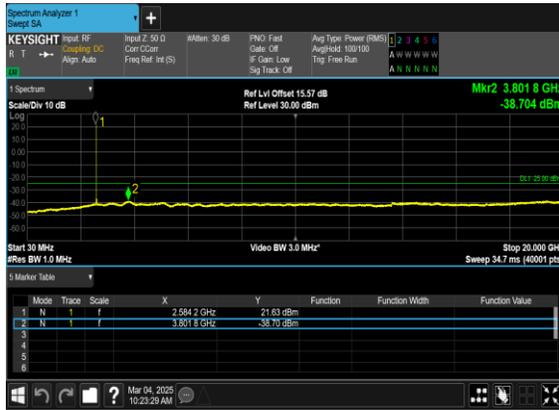### N41(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH

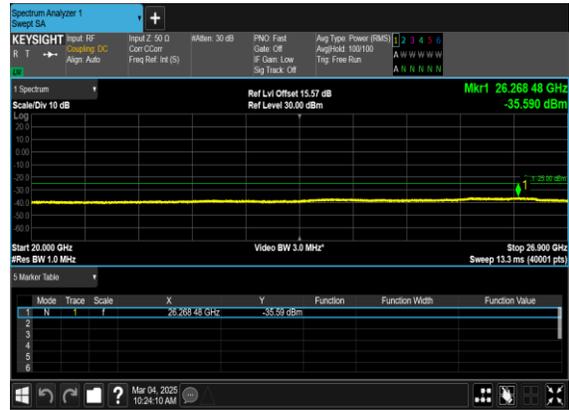### N41(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH

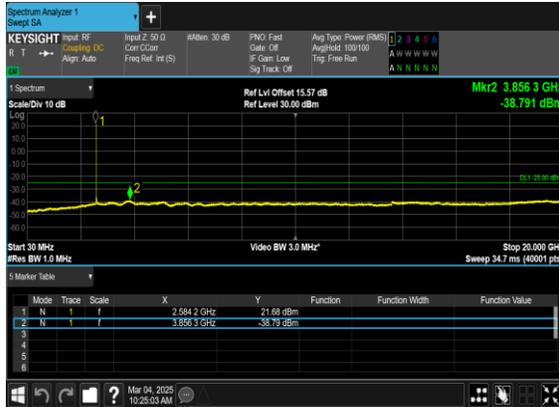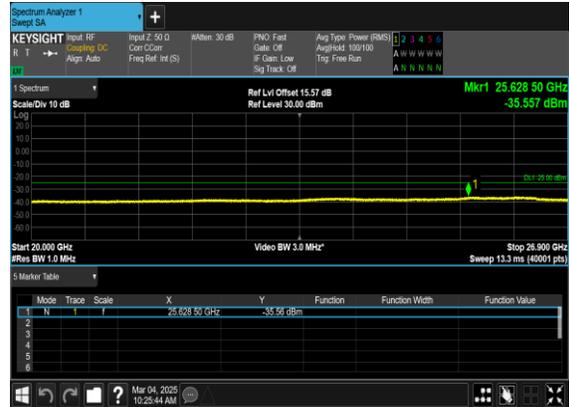### N41(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH

N41(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH
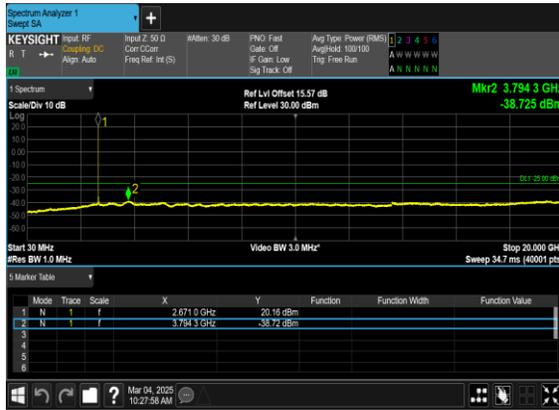

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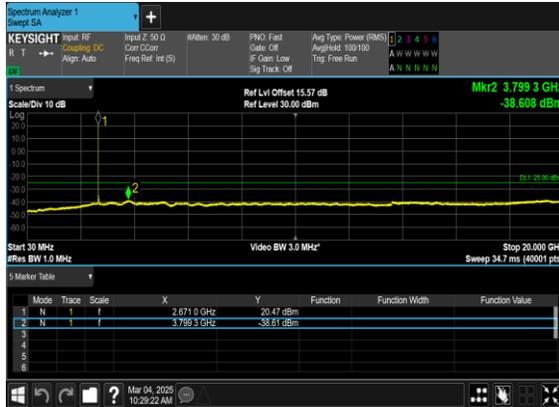

N41(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH

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-
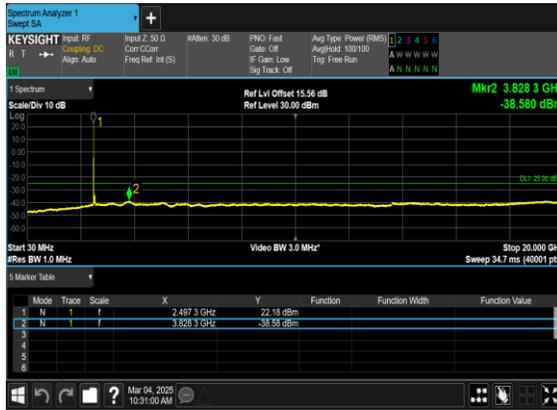OFDM_QPSK_Edge_1RB_Left_High_CH
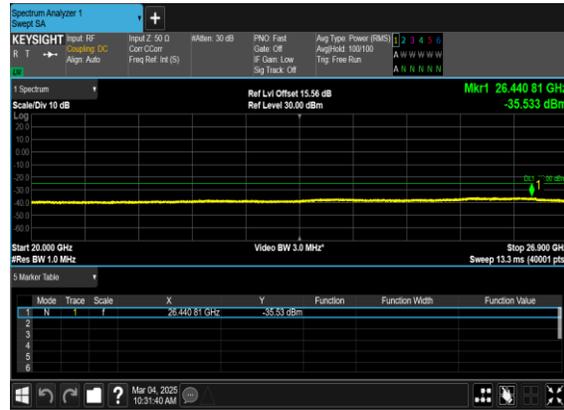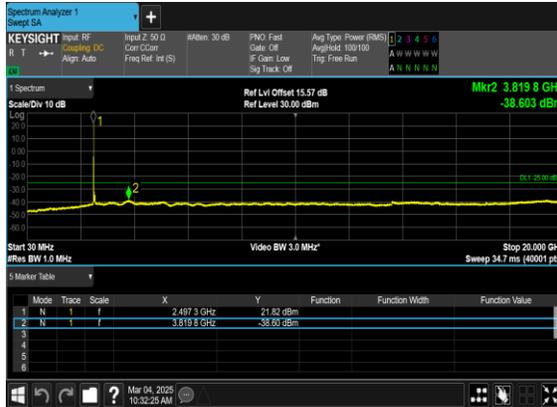

N41(20M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_High_CH

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

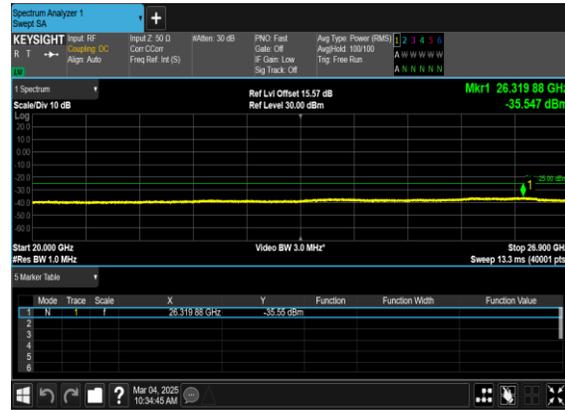### N41(50M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH
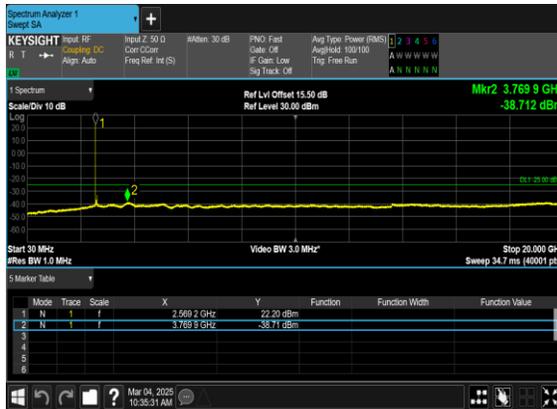
N41(50M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Mid_CH

N41(50M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Mid_CH

N41(50M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Mid_CH

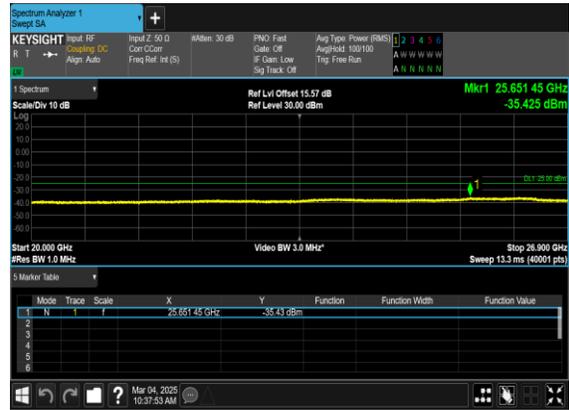N41(50M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Mid_CH

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

N41(100M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH

N41(100M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH

N41(100M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH

N41(100M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH

N41(100M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH

N41(100M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH

N41(100M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH

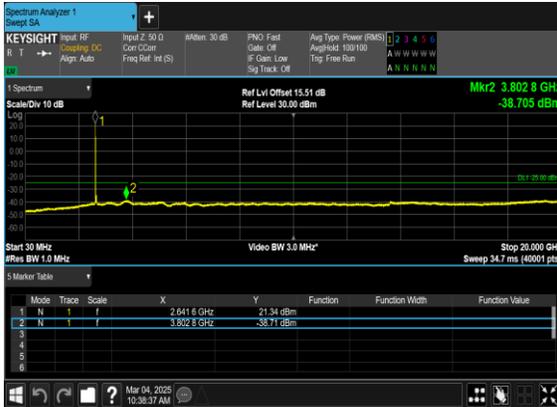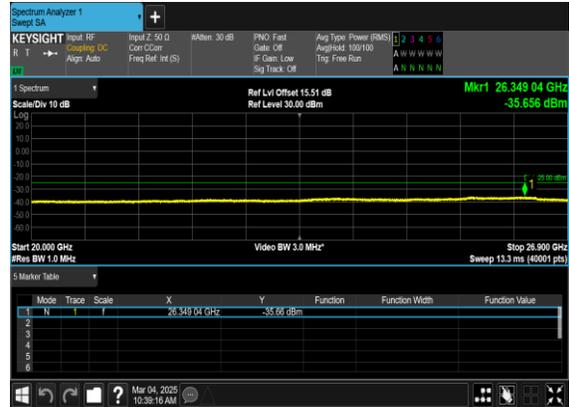### N41(100M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH

N41(100M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_High_CH

N41(100M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_High_CH

N41(100M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_High_CH

N41(100M)_DFT-s-
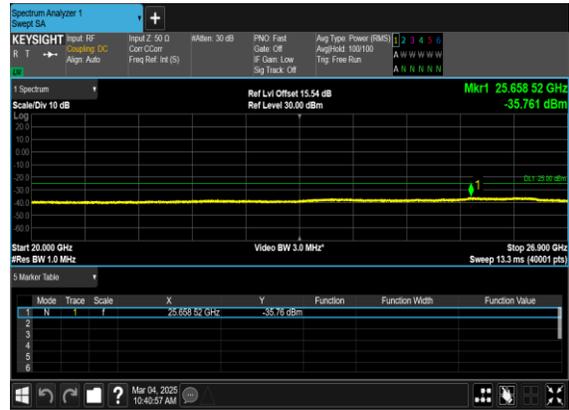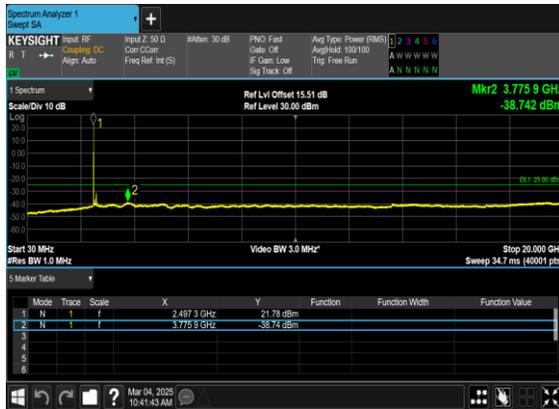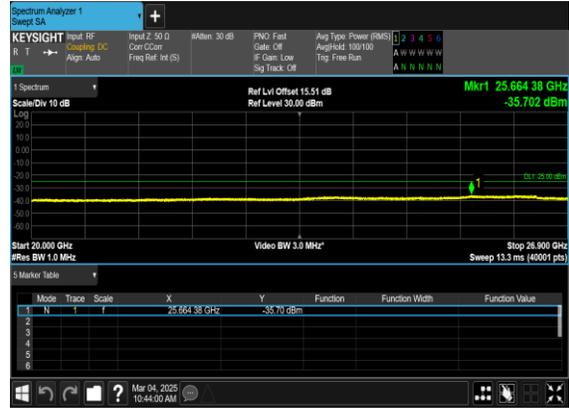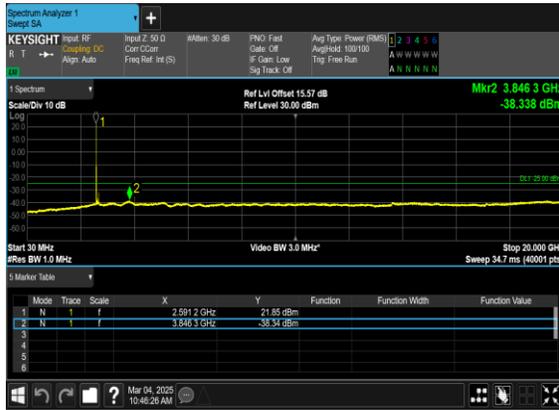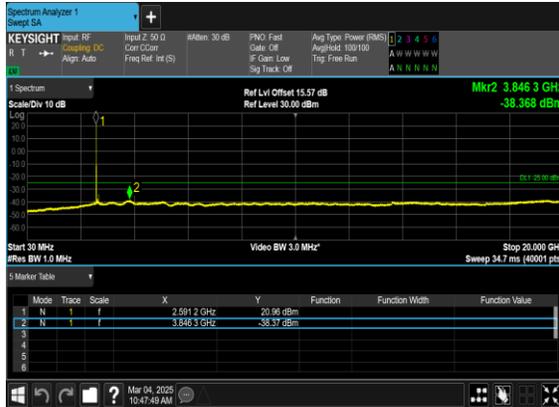OFDM_QPSK_Edge_1RB_Left_High_CH

Conducted Band Edge

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
41	30	20	501204	2506.02	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
41	30	20	501204	2506.02	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
41	30	20	501204	2506.02	DFT-s-OFDM BPSK	50@0	see graph	**PASS**
41	30	20	501204	2506.02	DFT-s-OFDM QPSK	50@0	see graph	**PASS**
41	30	20	535998	2679.99	DFT-s-OFDM BPSK	1@50	see graph	**PASS**
41	30	20	535998	2679.99	DFT-s-OFDM QPSK	1@50	see graph	**PASS**
41	30	20	535998	2679.99	DFT-s-OFDM BPSK	50@0	see graph	**PASS**
41	30	20	535998	2679.99	DFT-s-OFDM QPSK	50@0	see graph	**PASS**
41	30	50	504204	2521.02	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
41	30	50	504204	2521.02	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
41	30	50	504204	2521.02	DFT-s-OFDM BPSK	128@0	see graph	**PASS**
41	30	50	504204	2521.02	DFT-s-OFDM QPSK	128@0	see graph	**PASS**
41	30	50	532998	2664.99	DFT-s-OFDM BPSK	1@132	see graph	**PASS**
41	30	50	532998	2664.99	DFT-s-OFDM QPSK	1@132	see graph	**PASS**
41	30	50	532998	2664.99	DFT-s-OFDM BPSK	128@0	see graph	**PASS**
41	30	50	532998	2664.99	DFT-s-OFDM QPSK	128@0	see graph	**PASS**
41	30	100	509202	2546.01	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
41	30	100	509202	2546.01	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
41	30	100	509202	2546.01	DFT-s-OFDM BPSK	270@0	see graph	**PASS**
41	30	100	509202	2546.01	DFT-s-OFDM QPSK	270@0	see graph	**PASS**
41	30	100	528000	2640.0	DFT-s-OFDM BPSK	1@272	see graph	**PASS**
41	30	100	528000	2640.0	DFT-s-OFDM QPSK	1@272	see graph	**PASS**
41	30	100	528000	2640.0	DFT-s-OFDM BPSK	270@0	see graph	**PASS**
41	30	100	528000	2640.0	DFT-s-OFDM QPSK	270@0	see graph	**PASS**

N41(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_BPSK_Edge_1RB_Right_High_CH

N41(20M)_DFT-s-
OFDM_QPSK_Edge_1RB_Right_High_CH

N41(20M)_DFT-s-
OFDM_BPSK_Outer_Full_High_CH

N41(20M)_DFT-s-
OFDM_QPSK_Outer_Full_High_CH

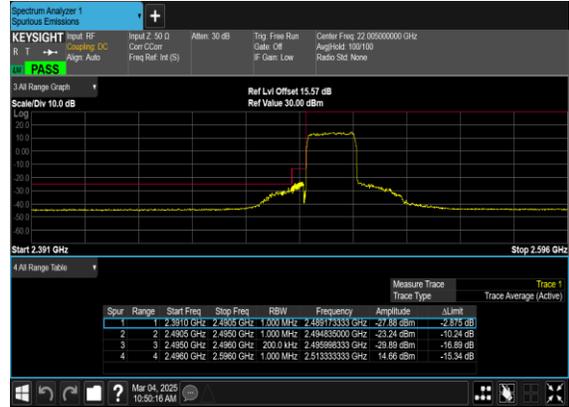N41(50M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH

N41(50M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH

N41(50M)_DFT-s-
OFDM_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_QPSK_Edge_1RB_Right_High_CH

N41(50M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH

N41(50M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH

N41(100M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH

N41(100M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH_CHP_PASS

N41(100M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH

N41(100M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH_CHP_PASS

N41(100M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH

N41(100M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH

N41(100M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH

N41(100M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH_CHP_PASS
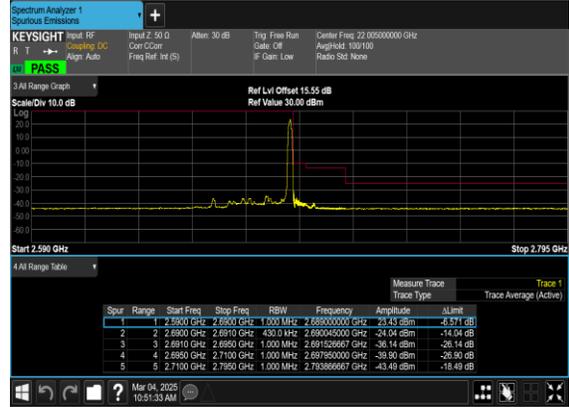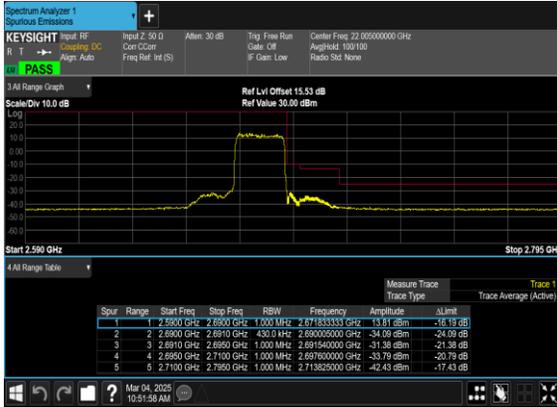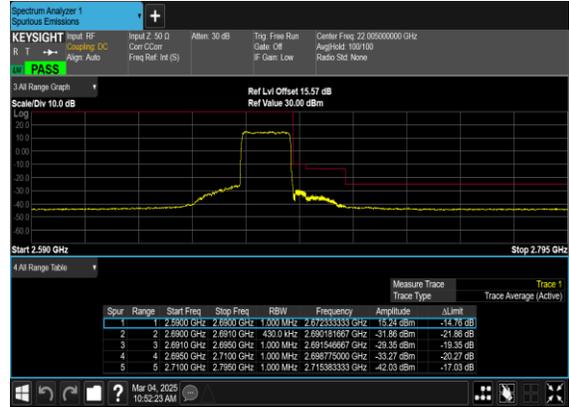
N41(100M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH

N41(100M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH_CHP_PASS
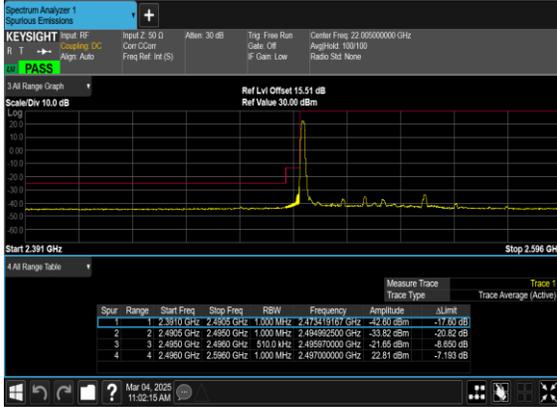

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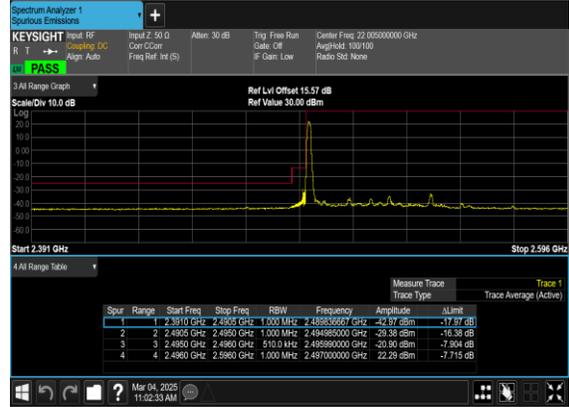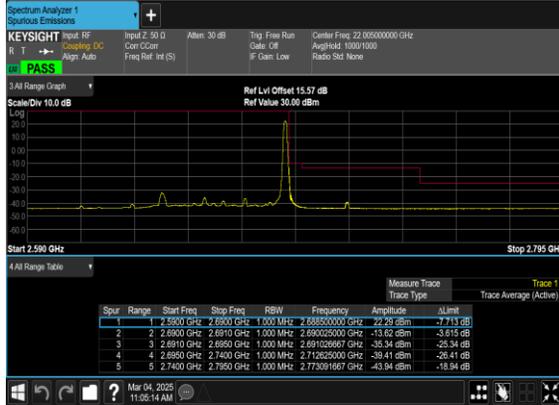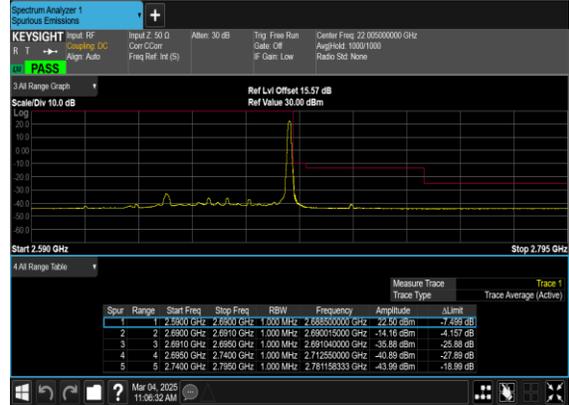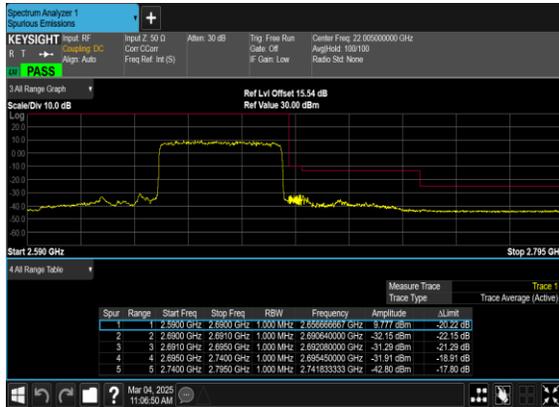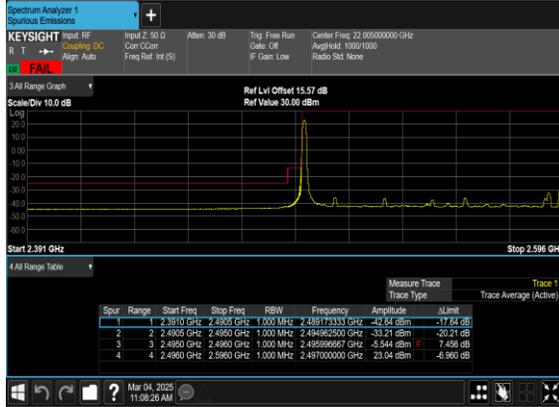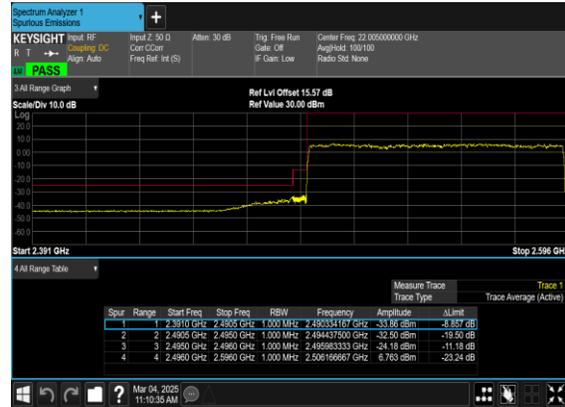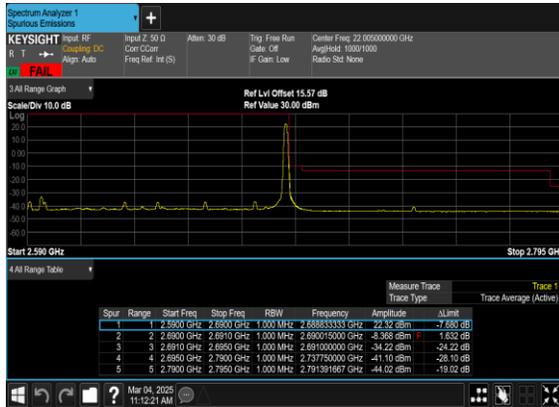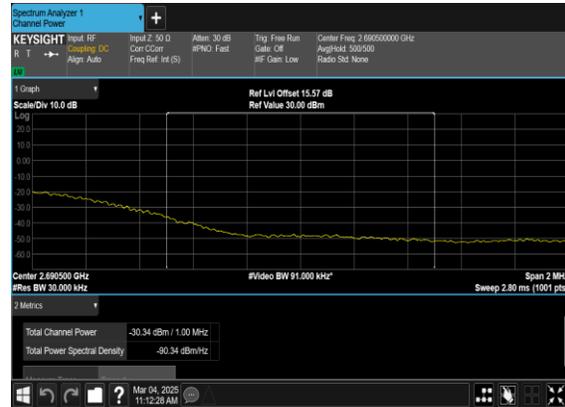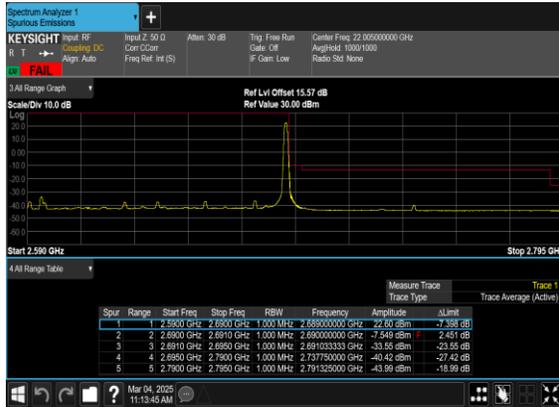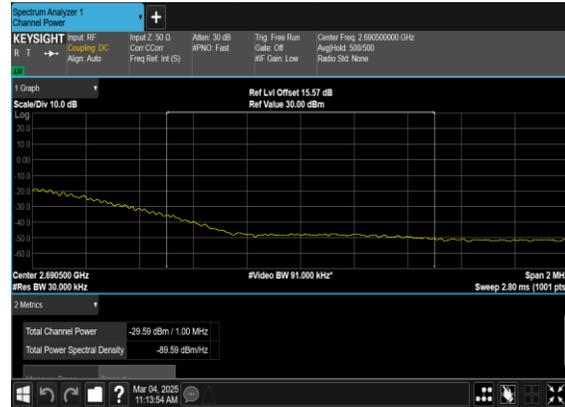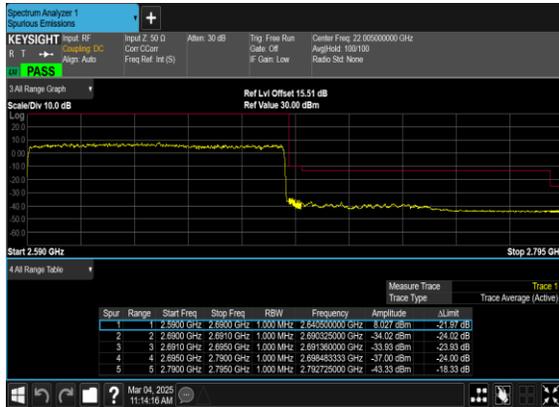

N41(100M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH

Software Version: 23.06.1602

FR1 N71_ANT4

Transmitter Conducted Output Power And ERP, $(G_T - L_C)$=-4dB

NR Band	SCS	BandWidth	Arfcn	Freq(MHz)	Modulation	RB	Conducted Power(dBm)	ERP(dBm)	ERP(W)
71	15	5	133100	665.5	DFT-s-OFDM QPSK	12@6	22.75	16.6	0.0457
71	15	5	133100	665.5	DFT-s-OFDM QPSK	1@1	23.01	16.86	0.0485
71	15	5	133100	665.5	DFT-s-OFDM QPSK	1@23	23.04	16.89	0.0489
71	15	5	133100	665.5	DFT-s-OFDM 16 QAM	12@6	21.88	15.73	0.0374
71	15	5	133100	665.5	DFT-s-OFDM 16 QAM	1@1	22	15.85	0.0385
71	15	5	133100	665.5	DFT-s-OFDM 16 QAM	1@23	22.12	15.97	0.0395
71	15	5	136100	680.5	DFT-s-OFDM QPSK	12@6	22.69	16.54	0.0451
71	15	5	136100	680.5	DFT-s-OFDM QPSK	1@1	22.73	16.58	0.0455
71	15	5	136100	680.5	DFT-s-OFDM QPSK	1@23	22.83	16.68	0.0466
71	15	5	136100	680.5	DFT-s-OFDM 16 QAM	12@6	21.72	15.57	0.0361
71	15	5	136100	680.5	DFT-s-OFDM 16 QAM	1@1	21.85	15.7	0.0372
71	15	5	136100	680.5	DFT-s-OFDM 16 QAM	1@23	21.91	15.76	0.0377
71	15	5	139100	695.5	DFT-s-OFDM QPSK	12@6	22.4	16.25	0.0422
71	15	5	139100	695.5	DFT-s-OFDM QPSK	1@1	22.57	16.42	0.0439
71	15	5	139100	695.5	DFT-s-OFDM QPSK	1@23	22.57	16.42	0.0439
71	15	5	139100	695.5	DFT-s-OFDM 16 QAM	12@6	21.54	15.39	0.0346
71	15	5	139100	695.5	DFT-s-OFDM 16 QAM	1@1	21.83	15.68	0.0370
71	15	5	139100	695.5	DFT-s-OFDM 16 QAM	1@23	21.72	15.57	0.0361
71	15	10	133600	668	DFT-s-OFDM QPSK	25@12	22.38	16.23	0.0420
71	15	10	133600	668	DFT-s-OFDM QPSK	1@1	22.66	16.51	0.0448
71	15	10	133600	668	DFT-s-OFDM QPSK	1@50	22.68	16.53	0.0450
71	15	10	133600	668	DFT-s-OFDM 16 QAM	25@12	21.55	15.4	0.0347
71	15	10	133600	668	DFT-s-OFDM 16 QAM	1@1	21.8	15.65	0.0367
71	15	10	133600	668	DFT-s-OFDM 16 QAM	1@50	21.86	15.71	0.0372
71	15	10	136100	680.5	DFT-s-OFDM QPSK	25@12	22.38	16.23	0.0420
71	15	10	136100	680.5	DFT-s-OFDM QPSK	1@1	22.66	16.51	0.0448
71	15	10	136100	680.5	DFT-s-OFDM QPSK	1@50	22.74	16.59	0.0456
71	15	10	136100	680.5	DFT-s-OFDM 16 QAM	25@12	21.55	15.4	0.0347
71	15	10	136100	680.5	DFT-s-OFDM 16 QAM	1@1	21.82	15.67	0.0369
71	15	10	136100	680.5	DFT-s-OFDM 16 QAM	1@50	21.8	15.65	0.0367
71	15	10	138600	693	DFT-s-OFDM QPSK	25@12	22.32	16.17	0.0414
71	15	10	138600	693	DFT-s-OFDM QPSK	1@1	22.5	16.35	0.0432
71	15	10	138600	693	DFT-s-OFDM QPSK	1@50	22.46	16.31	0.0428
71	15	10	138600	693	DFT-s-OFDM 16 QAM	25@12	21.35	15.2	0.0331
71	15	10	138600	693	DFT-s-OFDM 16 QAM	1@1	21.74	15.59	0.0362
71	15	10	138600	693	DFT-s-OFDM 16 QAM	1@50	21.73	15.58	0.0361
71	15	15	134100	670.5	DFT-s-OFDM QPSK	36@18	22.41	16.26	0.0423

71	15	15	134100	670.5	DFT-s-OFDM QPSK	1@1	22.64	16.49	0.0446
71	15	15	134100	670.5	DFT-s-OFDM QPSK	1@77	22.62	16.47	0.0444
71	15	15	134100	670.5	DFT-s-OFDM 16 QAM	36@18	21.56	15.41	0.0348
71	15	15	134100	670.5	DFT-s-OFDM 16 QAM	1@1	21.78	15.63	0.0366
71	15	15	134100	670.5	DFT-s-OFDM 16 QAM	1@77	21.78	15.63	0.0366
71	15	15	136100	680.5	DFT-s-OFDM QPSK	36@18	22.45	16.3	0.0427
71	15	15	136100	680.5	DFT-s-OFDM QPSK	1@1	22.58	16.43	0.0440
71	15	15	136100	680.5	DFT-s-OFDM QPSK	1@77	22.66	16.51	0.0448
71	15	15	136100	680.5	DFT-s-OFDM 16 QAM	36@18	21.49	15.34	0.0342
71	15	15	136100	680.5	DFT-s-OFDM 16 QAM	1@1	21.84	15.69	0.0371
71	15	15	136100	680.5	DFT-s-OFDM 16 QAM	1@77	21.76	15.61	0.0364
71	15	15	138100	690.5	DFT-s-OFDM QPSK	36@18	22.38	16.23	0.0420
71	15	15	138100	690.5	DFT-s-OFDM QPSK	1@1	22.5	16.35	0.0432
71	15	15	138100	690.5	DFT-s-OFDM QPSK	1@77	22.45	16.3	0.0427
71	15	15	138100	690.5	DFT-s-OFDM 16 QAM	36@18	21.43	15.28	0.0337
71	15	15	138100	690.5	DFT-s-OFDM 16 QAM	1@1	21.75	15.6	0.0363
71	15	15	138100	690.5	DFT-s-OFDM 16 QAM	1@77	21.57	15.42	0.0348
71	15	20	134600	673	DFT-s-OFDM PI/2 BPSK	50@25	22.43	16.28	0.0425
71	15	20	134600	673	DFT-s-OFDM PI/2 BPSK	1@1	22.39	16.24	0.0421
71	15	20	134600	673	DFT-s-OFDM PI/2 BPSK	1@104	22.39	16.24	0.0421
71	15	20	134600	673	DFT-s-OFDM QPSK	50@25	22.54	16.39	0.0436
71	15	20	134600	673	DFT-s-OFDM QPSK	1@1	22.65	16.5	0.0447
71	15	20	134600	673	DFT-s-OFDM QPSK	1@104	22.71	16.56	0.0453
71	15	20	134600	673	DFT-s-OFDM 16 QAM	50@25	21.54	15.39	0.0346
71	15	20	134600	673	DFT-s-OFDM 16 QAM	1@1	21.76	15.61	0.0364
71	15	20	134600	673	DFT-s-OFDM 16 QAM	1@104	21.8	15.65	0.0367
71	15	20	134600	673	DFT-s-OFDM 64 QAM	50@25	20.1	13.95	0.0248
71	15	20	134600	673	DFT-s-OFDM 64 QAM	1@1	19.88	13.73	0.0236
71	15	20	134600	673	DFT-s-OFDM 64 QAM	1@104	19.92	13.77	0.0238
71	15	20	134600	673	DFT-s-OFDM 256 QAM	50@25	18.06	11.91	0.0155
71	15	20	134600	673	DFT-s-OFDM 256 QAM	1@1	17.8	11.65	0.0146
71	15	20	134600	673	DFT-s-OFDM 256 QAM	1@104	17.76	11.61	0.0145
71	15	20	134600	673	CP-OFDM QPSK	53@26	21.12	14.97	0.0314
71	15	20	134600	673	CP-OFDM QPSK	1@1	21.03	14.88	0.0308
71	15	20	134600	673	CP-OFDM QPSK	1@104	21.1	14.95	0.0313
71	15	20	136100	680.5	DFT-s-OFDM PI/2 BPSK	50@25	22.42	16.27	0.0424
71	15	20	136100	680.5	DFT-s-OFDM PI/2 BPSK	1@1	22.43	16.28	0.0425
71	15	20	136100	680.5	DFT-s-OFDM PI/2 BPSK	1@104	22.37	16.22	0.0419
71	15	20	136100	680.5	DFT-s-OFDM QPSK	50@25	22.56	16.41	0.0438
71	15	20	136100	680.5	DFT-s-OFDM QPSK	1@1	22.69	16.54	0.0451
71	15	20	136100	680.5	DFT-s-OFDM QPSK	1@104	23.05	16.9	0.0490
71	15	20	136100	680.5	DFT-s-OFDM 16 QAM	50@25	21.58	15.43	0.0349
71	15	20	136100	680.5	DFT-s-OFDM 16 QAM	1@1	21.81	15.66	0.0368
71	15	20	136100	680.5	DFT-s-OFDM 16 QAM	1@104	21.78	15.63	0.0366
71	15	20	136100	680.5	DFT-s-OFDM 64 QAM	50@25	20.08	13.93	0.0247

71	15	20	136100	680.5	DFT-s-OFDM 64 QAM	1@1	19.92	13.77	0.0238
71	15	20	136100	680.5	DFT-s-OFDM 64 QAM	1@104	19.85	13.7	0.0234
71	15	20	136100	680.5	DFT-s-OFDM 256 QAM	50@25	18.08	11.93	0.0156
71	15	20	136100	680.5	DFT-s-OFDM 256 QAM	1@1	17.88	11.73	0.0149
71	15	20	136100	680.5	DFT-s-OFDM 256 QAM	1@104	17.79	11.64	0.0146
71	15	20	136100	680.5	CP-OFDM QPSK	53@26	21.03	14.88	0.0308
71	15	20	136100	680.5	CP-OFDM QPSK	1@1	21	14.85	0.0305
71	15	20	136100	680.5	CP-OFDM QPSK	1@104	20.93	14.78	0.0301
71	15	20	137600	688	DFT-s-OFDM PI/2 BPSK	50@25	22.44	16.29	0.0426
71	15	20	137600	688	DFT-s-OFDM PI/2 BPSK	1@1	22.47	16.32	0.0429
71	15	20	137600	688	DFT-s-OFDM PI/2 BPSK	1@104	22.4	16.25	0.0422
71	15	20	137600	688	DFT-s-OFDM QPSK	50@25	22.54	16.39	0.0436
71	15	20	137600	688	DFT-s-OFDM QPSK	1@1	22.71	16.56	0.0453
71	15	20	137600	688	DFT-s-OFDM QPSK	1@104	22.63	16.48	0.0445
71	15	20	137600	688	DFT-s-OFDM 16 QAM	50@25	21.59	15.44	0.0350
71	15	20	137600	688	DFT-s-OFDM 16 QAM	1@1	21.84	15.69	0.0371
71	15	20	137600	688	DFT-s-OFDM 16 QAM	1@104	21.68	15.53	0.0357
71	15	20	137600	688	DFT-s-OFDM 64 QAM	50@25	20.03	13.88	0.0244
71	15	20	137600	688	DFT-s-OFDM 64 QAM	1@1	19.92	13.77	0.0238
71	15	20	137600	688	DFT-s-OFDM 64 QAM	1@104	19.73	13.58	0.0228
71	15	20	137600	688	DFT-s-OFDM 256 QAM	50@25	17.86	11.71	0.0148
71	15	20	137600	688	DFT-s-OFDM 256 QAM	1@1	17.85	11.7	0.0148
71	15	20	137600	688	DFT-s-OFDM 256 QAM	1@104	17.72	11.57	0.0144
71	15	20	137600	688	CP-OFDM QPSK	53@26	20.99	14.84	0.0305
71	15	20	137600	688	CP-OFDM QPSK	1@1	20.99	14.84	0.0305
71	15	20	137600	688	CP-OFDM QPSK	1@104	20.91	14.76	0.0299