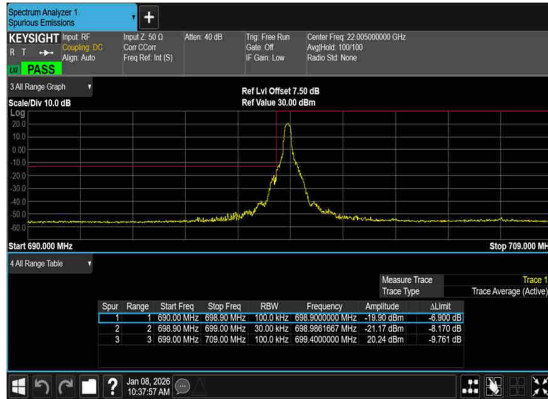
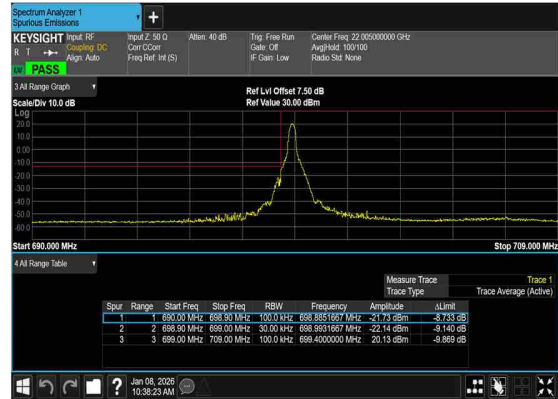




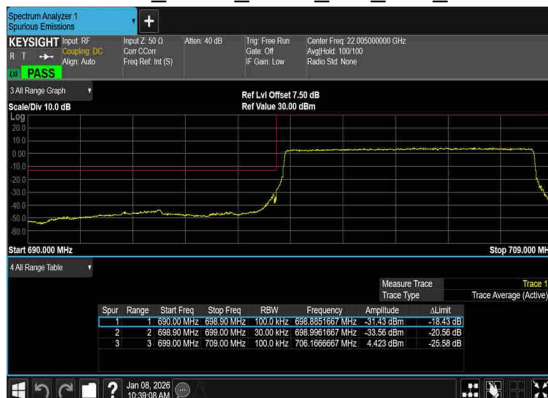
N12(10M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



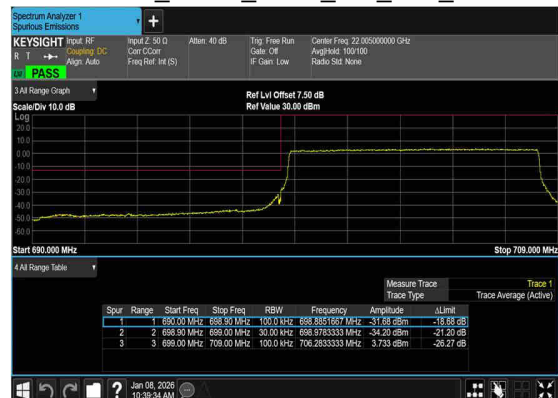
N12(10M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH



N12(10M)_DFT-s-
OFDM_BPSK_Outer_Full_Low_CH

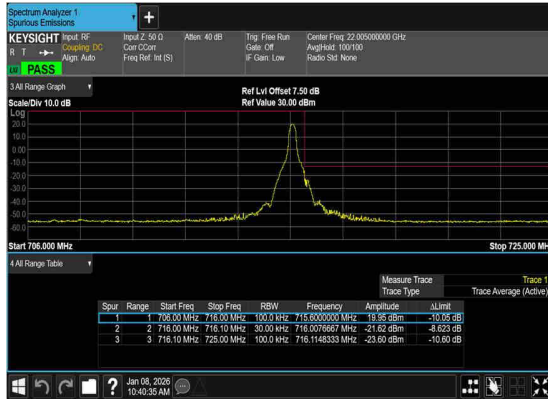


N12(10M)_DFT-s-
OFDM_QPSK_Outer_Full_Low_CH

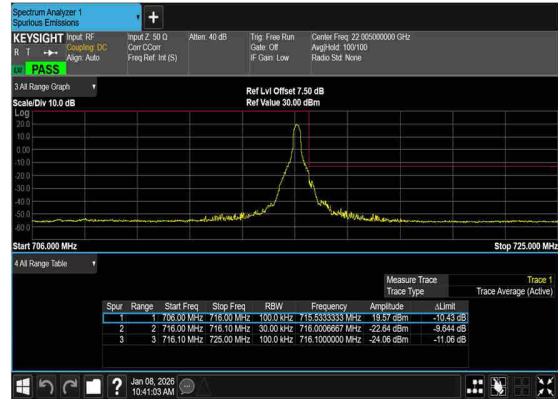




N12(10M)_DFT-s-
OFDM_BPSK_Edge_1RB_Right_High_CH



N12(10M)_DFT-s-
OFDM_QPSK_Edge_1RB_Right_High_CH



N12(10M)_DFT-s-
OFDM_BPSK_Outer_Full_High_CH

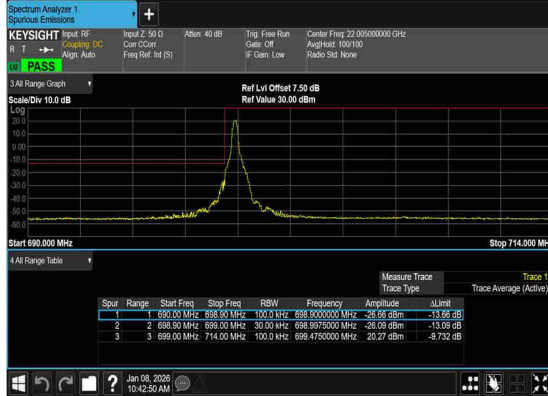


N12(10M)_DFT-s-
OFDM_QPSK_Outer_Full_High_CH

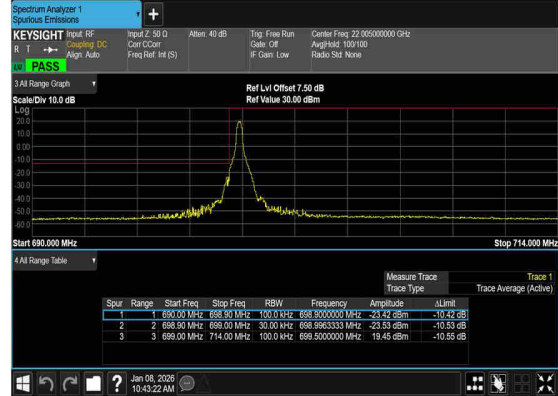




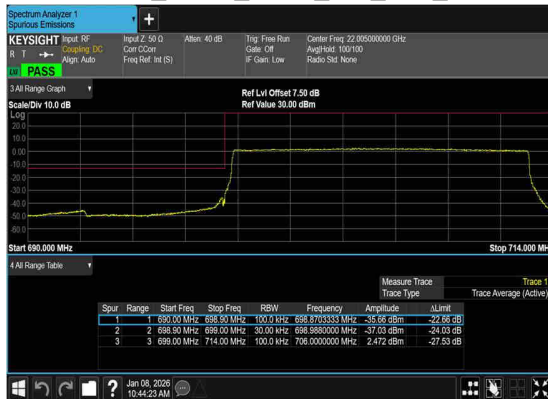
N12(15M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



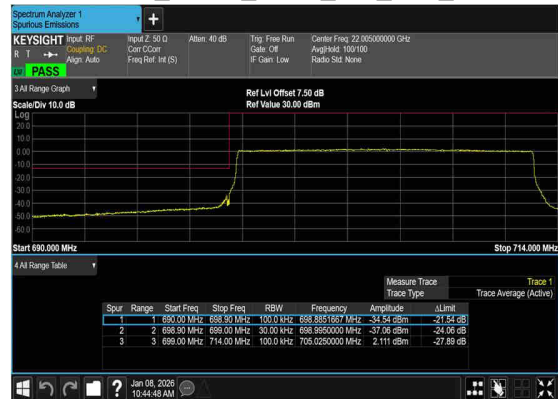
N12(15M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH



N12(15M)_DFT-s-
OFDM_BPSK_Outer_Full_Low_CH

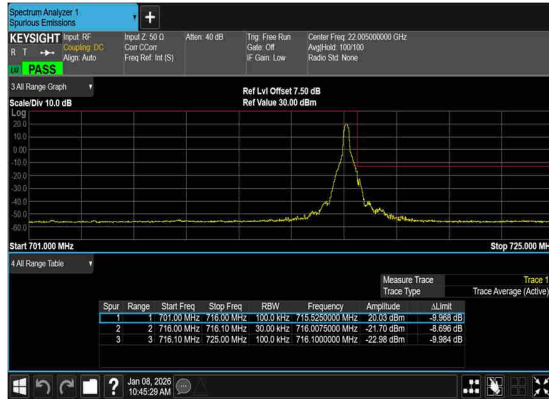


N12(15M)_DFT-s-
OFDM_QPSK_Outer_Full_Low_CH

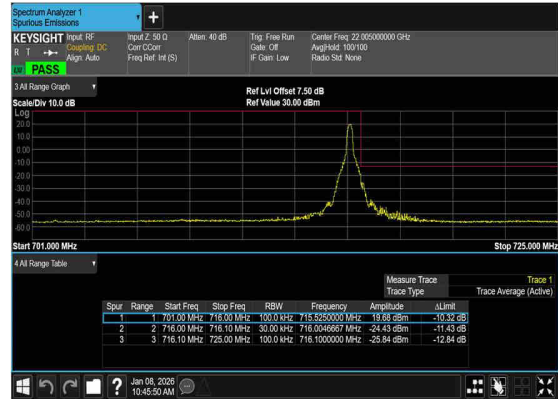




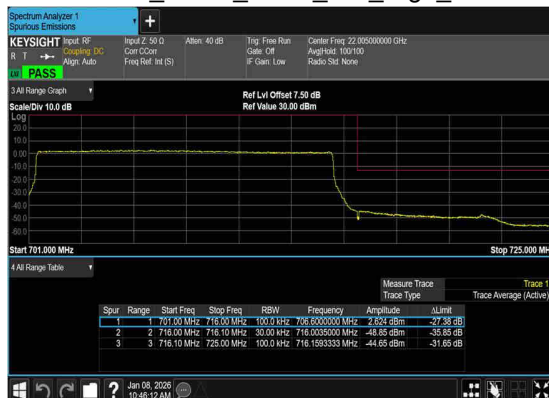
N12(15M)_DFT-s-
OFDM_BPSK_Edge_1RB_Right_High_CH



N12(15M)_DFT-s-
OFDM_QPSK_Edge_1RB_Right_High_CH



N12(15M)_DFT-s-
OFDM_BPSK_Outer_Full_High_CH



N12(15M)_DFT-s-
OFDM_QPSK_Outer_Full_High_CH





Software Version: 23.06.1602

FR1 N13_ANT1

Transmitter Conducted Output Power And ERP, (G_T - L_C)=1.6dB

NR Band	SCS	Band Width	Arfcn	Freq (MHz)	Modulation	RB	Conducted Power(dBm)	ERP(dBm)	ERP(W)
13	15	5	149700	779.5	DFT-s-OFDM QPSK	12@6	23.36	22.81	0.1910
13	15	5	149700	779.5	DFT-s-OFDM QPSK	1@1	23.34	22.79	0.1901
13	15	5	149700	779.5	DFT-s-OFDM QPSK	1@23	23.22	22.67	0.1849
13	15	5	149700	779.5	DFT-s-OFDM 16 QAM	12@6	22.22	21.67	0.1469
13	15	5	149700	779.5	DFT-s-OFDM 16 QAM	1@1	22.48	21.93	0.1560
13	15	5	149700	779.5	DFT-s-OFDM 16 QAM	1@23	22.4	21.85	0.1531
13	15	5	150200	782	DFT-s-OFDM QPSK	12@6	23.36	22.81	0.1910
13	15	5	150200	782	DFT-s-OFDM QPSK	1@1	23.24	22.69	0.1858
13	15	5	150200	782	DFT-s-OFDM QPSK	1@23	23.25	22.7	0.1862
13	15	5	150200	782	DFT-s-OFDM 16 QAM	12@6	22.16	21.61	0.1449
13	15	5	150200	782	DFT-s-OFDM 16 QAM	1@1	22.45	21.9	0.1549
13	15	5	150200	782	DFT-s-OFDM 16 QAM	1@23	22.31	21.76	0.1500
13	15	5	150700	784.5	DFT-s-OFDM QPSK	12@6	23.34	22.79	0.1901
13	15	5	150700	784.5	DFT-s-OFDM QPSK	1@1	23.25	22.7	0.1862
13	15	5	150700	784.5	DFT-s-OFDM QPSK	1@23	23.11	22.56	0.1803
13	15	5	150700	784.5	DFT-s-OFDM 16 QAM	12@6	22.09	21.54	0.1426
13	15	5	150700	784.5	DFT-s-OFDM 16 QAM	1@1	22.43	21.88	0.1542
13	15	5	150700	784.5	DFT-s-OFDM 16 QAM	1@23	22.23	21.68	0.1472
13	15	10	150200	782	DFT-s-OFDM PI/2 BPSK	25@12	23.33	22.78	0.1897
13	15	10	150200	782	DFT-s-OFDM PI/2 BPSK	1@1	23.35	22.8	0.1905
13	15	10	150200	782	DFT-s-OFDM PI/2 BPSK	1@50	23.25	22.7	0.1862
13	15	10	150200	782	DFT-s-OFDM QPSK	25@12	23.31	22.76	0.1888
13	15	10	150200	782	DFT-s-OFDM QPSK	1@1	23.4	22.85	0.1928
13	15	10	150200	782	DFT-s-OFDM QPSK	1@50	23.22	22.67	0.1849
13	15	10	150200	782	DFT-s-OFDM 16 QAM	25@12	22.25	21.7	0.1479



13	15	10	150200	782	DFT-s-OFDM 16 QAM	1@1	22.47	21.92	0.1556
13	15	10	150200	782	DFT-s-OFDM 16 QAM	1@50	22.26	21.71	0.1483
13	15	10	150200	782	DFT-s-OFDM 64 QAM	25@12	20.89	20.34	0.1081
13	15	10	150200	782	DFT-s-OFDM 64 QAM	1@1	20.96	20.41	0.1099
13	15	10	150200	782	DFT-s-OFDM 64 QAM	1@50	20.69	20.14	0.1033
13	15	10	150200	782	DFT-s-OFDM 256 QAM	25@12	18.7	18.15	0.0653
13	15	10	150200	782	DFT-s-OFDM 256 QAM	1@1	18.52	17.97	0.0627
13	15	10	150200	782	DFT-s-OFDM 256 QAM	1@50	18.33	17.78	0.0600
13	15	10	150200	782	CP-OFDM QPSK	26@13	21.69	21.14	0.1300
13	15	10	150200	782	CP-OFDM QPSK	1@1	22.03	21.48	0.1406
13	15	10	150200	782	CP-OFDM QPSK	1@50	21.64	21.09	0.1285



Frequency Stability

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Deviation (Hz)	Verdict	Environment
13	15	10	150200	782.0	DFT-s-OFDM QPSK	50@0	15.3	PASS	NV
13	15	10	150200	782.0	DFT-s-OFDM QPSK	50@0	13.2	PASS	LV
13	15	10	150200	782.0	DFT-s-OFDM QPSK	50@0	15.7	PASS	HV
13	15	10	150200	782.0	DFT-s-OFDM QPSK	50@0	11.1	PASS	-30°C
13	15	10	150200	782.0	DFT-s-OFDM QPSK	50@0	19.3	PASS	-20°C
13	15	10	150200	782.0	DFT-s-OFDM QPSK	50@0	13.5	PASS	-10°C
13	15	10	150200	782.0	DFT-s-OFDM QPSK	50@0	12.4	PASS	0°C
13	15	10	150200	782.0	DFT-s-OFDM QPSK	50@0	11.9	PASS	10°C
13	15	10	150200	782.0	DFT-s-OFDM QPSK	50@0	15.3	PASS	20°C
13	15	10	150200	782.0	DFT-s-OFDM QPSK	50@0	16.2	PASS	30°C
13	15	10	150200	782.0	DFT-s-OFDM QPSK	50@0	16.4	PASS	40°C
13	15	10	150200	782.0	DFT-s-OFDM QPSK	50@0	13.7	PASS	50°C

$|\text{MAX}(\Delta f)| = 19.3 \text{ Hz}$

Frequency Stability	Frequency (MHz)	Limit Line	Result
$f_L - \text{MAX}(\Delta f) $	777.3645807	$\geq 777 \text{ MHz}$	PASS
$f_H + \text{MAX}(\Delta f) $	786.6354193	$\leq 787 \text{ MHz}$	



Frequency Stability

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Deviation (ppm)	Verdict	Environment
13	15	10	150200	782.0	DFT-s-OFDM QPSK	50@0	0.0000	PASS	NV
13	15	10	150200	782.0	DFT-s-OFDM QPSK	50@0	0.0026	PASS	LV
13	15	10	150200	782.0	DFT-s-OFDM QPSK	50@0	0.0005	PASS	HV
13	15	10	150200	782.0	DFT-s-OFDM QPSK	50@0	0.0053	PASS	-30°C
13	15	10	150200	782.0	DFT-s-OFDM QPSK	50@0	0.0050	PASS	-20°C
13	15	10	150200	782.0	DFT-s-OFDM QPSK	50@0	0.0023	PASS	-10°C
13	15	10	150200	782.0	DFT-s-OFDM QPSK	50@0	0.0037	PASS	0°C
13	15	10	150200	782.0	DFT-s-OFDM QPSK	50@0	0.0043	PASS	10°C
13	15	10	150200	782.0	DFT-s-OFDM QPSK	50@0	0.0000	PASS	20°C
13	15	10	150200	782.0	DFT-s-OFDM QPSK	50@0	0.0011	PASS	30°C
13	15	10	150200	782.0	DFT-s-OFDM QPSK	50@0	0.0014	PASS	40°C
13	15	10	150200	782.0	DFT-s-OFDM QPSK	50@0	0.0020	PASS	50°C



Peak to Average Ratio

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result (dB)	Limit (dB)	Verdict
13	15	10	150200	782.0	DFT-s-OFDM PI/2 BPSK	50@0	4.4	13	PASS
13	15	10	150200	782.0	DFT-s-OFDM QPSK	50@0	5.44	13	PASS

N13(10M)_DFT-s-OFDM_PI_2-
BPSK_Outer_Full_Mid_CH



N13(10M)_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)
13	15	5	150200	782.0	CP-OFDM QPSK	25@0	4.4689	5.017
13	15	5	150200	782.0	CP-OFDM 16 QAM	25@0	4.4771	5.107
13	15	5	150200	782.0	CP-OFDM 64 QAM	25@0	4.4708	5.087
13	15	5	150200	782.0	CP-OFDM 256 QAM	25@0	4.4719	5.054
13	15	10	150200	782.0	CP-OFDM QPSK	52@0	9.2752	9.921
13	15	10	150200	782.0	CP-OFDM 16 QAM	52@0	9.28	9.945
13	15	10	150200	782.0	CP-OFDM 64 QAM	52@0	9.2661	9.994
13	15	10	150200	782.0	CP-OFDM 256 QAM	52@0	9.279	9.978



N13(5M)_CP-
OFDM_QPSK_Outer_Full_Mid_CH



N13(5M)_CP-OFDM_16
QAM_Outer_Full_Mid_CH



N13(5M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH



N13(5M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH

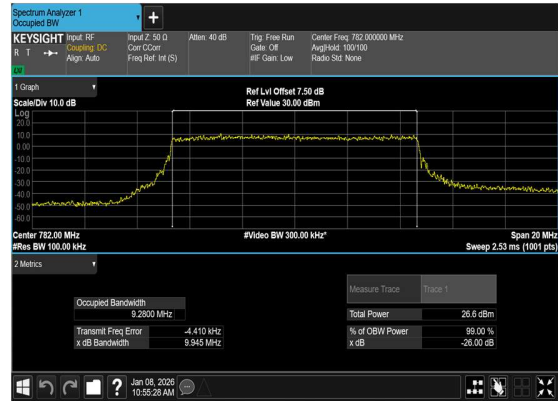




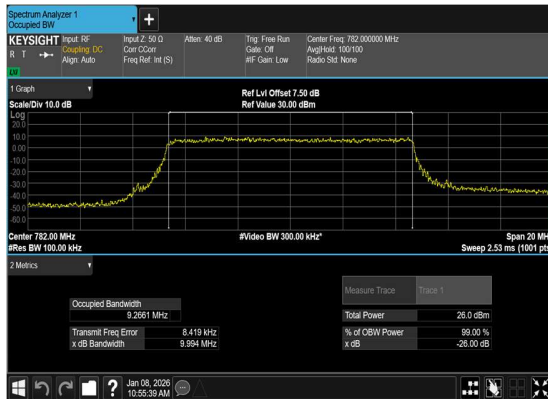
N13(10M)_CP-
OFDM_QPSK_Outer_Full_Mid_CH



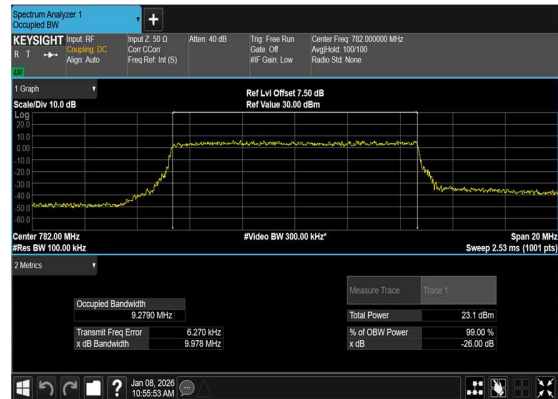
N13(10M)_CP-OFDM_16
QAM_Outer_Full_Mid_CH



N13(10M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH



N13(10M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH



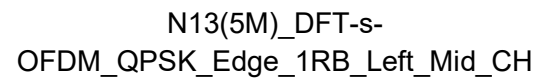
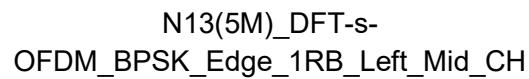
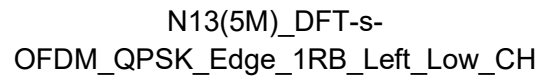


Conducted Spurious Emissions

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
13	15	5	149700	779.5	DFT-s-OFDM BPSK	1@0	see graph	---
13	15	5	149700	779.5	DFT-s-OFDM BPSK	1@0	see graph	PASS
13	15	5	149700	779.5	DFT-s-OFDM QPSK	1@0	see graph	---
13	15	5	149700	779.5	DFT-s-OFDM QPSK	1@0	see graph	PASS
13	15	5	150200	782.0	DFT-s-OFDM BPSK	1@0	see graph	---
13	15	5	150200	782.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
13	15	5	150200	782.0	DFT-s-OFDM QPSK	1@0	see graph	---
13	15	5	150200	782.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
13	15	5	150700	784.5	DFT-s-OFDM BPSK	1@0	see graph	---
13	15	5	150700	784.5	DFT-s-OFDM BPSK	1@0	see graph	PASS
13	15	5	150700	784.5	DFT-s-OFDM QPSK	1@0	see graph	---
13	15	5	150700	784.5	DFT-s-OFDM QPSK	1@0	see graph	PASS
13	15	10	150200	782.0	DFT-s-OFDM BPSK	1@0	see graph	---
13	15	10	150200	782.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
13	15	10	150200	782.0	DFT-s-OFDM QPSK	1@0	see graph	---
13	15	10	150200	782.0	DFT-s-OFDM QPSK	1@0	see graph	PASS

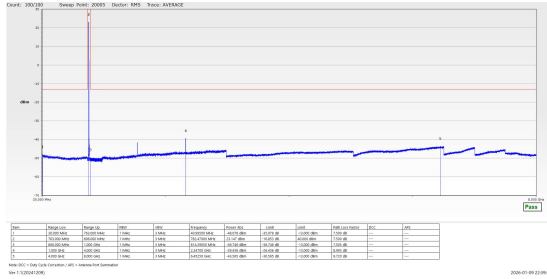


N13(5M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH

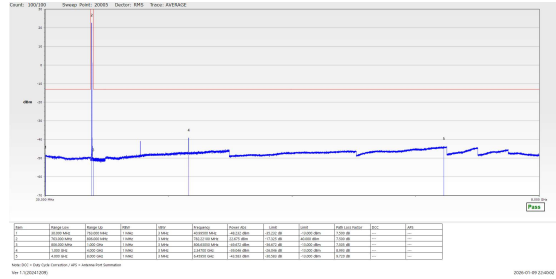




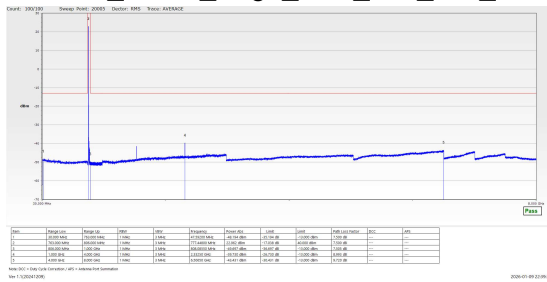
N13(5M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_High_CH



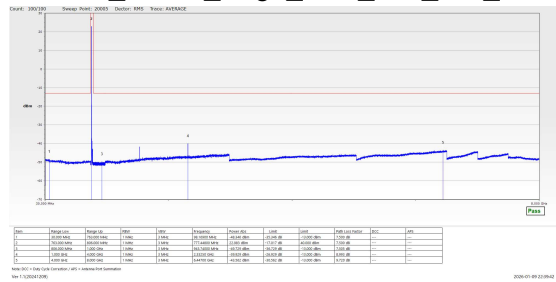
N13(5M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_High_CH



N13(10M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Mid_CH



N13(10M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Mid_CH





Conducted Band Edge

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
13	15	5	149700	779.5	DFT-s-OFDM BPSK	1@0	see graph	PASS
13	15	5	149700	779.5	DFT-s-OFDM QPSK	1@0	see graph	PASS
13	15	5	149700	779.5	DFT-s-OFDM BPSK	25@0	see graph	PASS
13	15	5	149700	779.5	DFT-s-OFDM QPSK	25@0	see graph	PASS
13	15	5	150700	784.5	DFT-s-OFDM BPSK	1@24	see graph	PASS
13	15	5	150700	784.5	DFT-s-OFDM QPSK	1@24	see graph	PASS
13	15	5	150700	784.5	DFT-s-OFDM BPSK	25@0	see graph	PASS
13	15	5	150700	784.5	DFT-s-OFDM QPSK	25@0	see graph	PASS
13	15	10	150200	782.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
13	15	10	150200	782.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
13	15	10	150200	782.0	DFT-s-OFDM BPSK	1@51	see graph	PASS
13	15	10	150200	782.0	DFT-s-OFDM QPSK	1@51	see graph	PASS
13	15	10	150200	782.0	DFT-s-OFDM BPSK	50@0	see graph	PASS
13	15	10	150200	782.0	DFT-s-OFDM QPSK	50@0	see graph	PASS



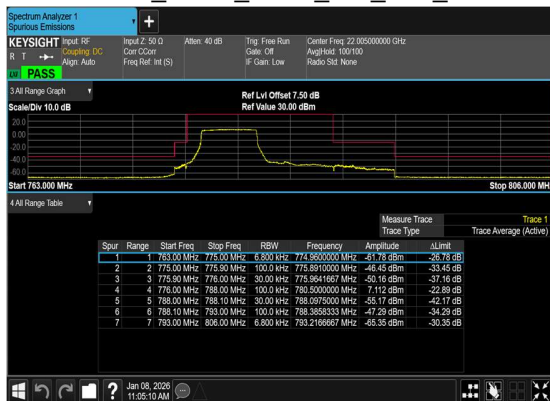
N13(5M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



N13(5M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH



N13(5M)_DFT-s-
OFDM_BPSK_Outer_Full_Low_CH



N13(5M)_DFT-s-
OFDM_QPSK_Outer_Full_Low_CH





N13(5M)_DFT-s-
OFDM_BPSK_Edge_1RB_Right_High_CH



N13(5M)_DFT-s-
OFDM_QPSK_Edge_1RB_Right_High_CH



N13(5M)_DFT-s-
OFDM_BPSK_Outer_Full_High_CH



N13(5M)_DFT-s-
OFDM_QPSK_Outer_Full_High_CH





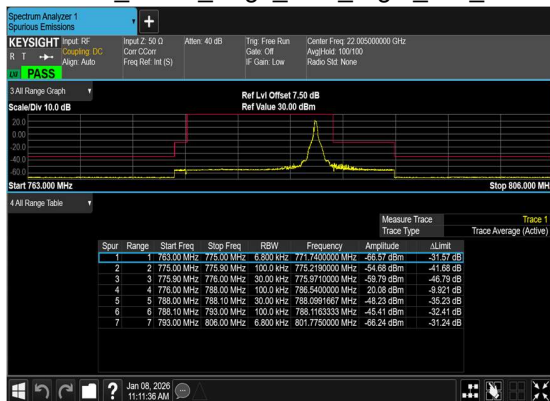
N13(10M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Mid_CH



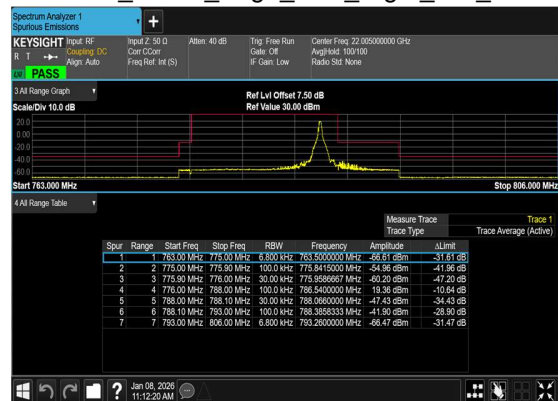
N13(10M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Mid_CH



N13(10M)_DFT-s-
OFDM_BPSK_Edge_1RB_Right_Mid_CH

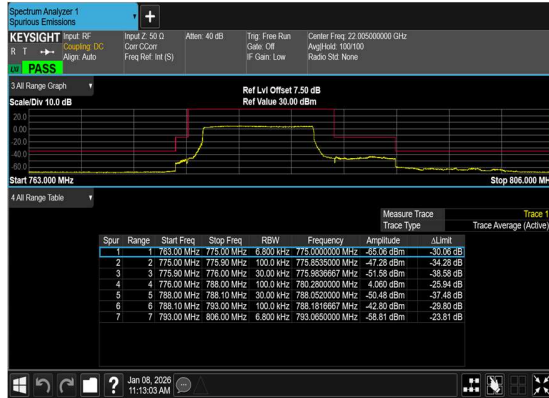


N13(10M)_DFT-s-
OFDM_QPSK_Edge_1RB_Right_Mid_CH

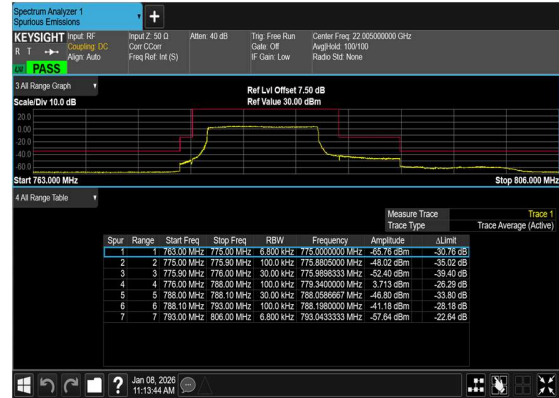




N13(10M)_DFT-s-
OFDM_BPSK_Outer_Full_Mid_CH



N13(10M)_DFT-s-
OFDM_QPSK_Outer_Full_Mid_CH





FR1 N38_ANT1

Transmitter Conducted Output Power And EIRP, ($G_T - L_C$)=2.5dB

NR Band	SCS	BandWidth	Arfcn	Freq(MHz)	Modulation	RB	Conducted Power(dBm)	EIRP (dBm)	EIRP (W)
38	30	10	515000	2575	DFT-s-OFDM QPSK	12@6	23.49	25.99	0.3972
38	30	10	515000	2575	DFT-s-OFDM QPSK	1@1	23.16	25.66	0.3681
38	30	10	515000	2575	DFT-s-OFDM QPSK	1@22	23.72	26.22	0.4188
38	30	10	515000	2575	DFT-s-OFDM 16 QAM	12@6	22.54	25.04	0.3192
38	30	10	515000	2575	DFT-s-OFDM 16 QAM	1@1	22.21	24.71	0.2958
38	30	10	515000	2575	DFT-s-OFDM 16 QAM	1@22	22.82	25.32	0.3404
38	30	10	519000	2595	DFT-s-OFDM QPSK	12@6	24.36	26.86	0.4853
38	30	10	519000	2595	DFT-s-OFDM QPSK	1@1	24.48	26.98	0.4989
38	30	10	519000	2595	DFT-s-OFDM QPSK	1@22	24.35	26.85	0.4842
38	30	10	519000	2595	DFT-s-OFDM 16 QAM	12@6	23.44	25.94	0.3926
38	30	10	519000	2595	DFT-s-OFDM 16 QAM	1@1	23.55	26.05	0.4027
38	30	10	519000	2595	DFT-s-OFDM 16 QAM	1@22	23.39	25.89	0.3882
38	30	10	523000	2615	DFT-s-OFDM QPSK	12@6	23.29	25.79	0.3793
38	30	10	523000	2615	DFT-s-OFDM QPSK	1@1	23.55	26.05	0.4027
38	30	10	523000	2615	DFT-s-OFDM QPSK	1@22	23.09	25.59	0.3622
38	30	10	523000	2615	DFT-s-OFDM 16 QAM	12@6	22.33	24.83	0.3041
38	30	10	523000	2615	DFT-s-OFDM 16 QAM	1@1	22.64	25.14	0.3266
38	30	10	523000	2615	DFT-s-OFDM 16 QAM	1@22	22.16	24.66	0.2924
38	30	20	516000	2580	DFT-s-OFDM QPSK	25@12	23.9	26.4	0.4365
38	30	20	516000	2580	DFT-s-OFDM QPSK	1@1	23.11	25.61	0.3639
38	30	20	516000	2580	DFT-s-OFDM QPSK	1@49	24.27	26.77	0.4753
38	30	20	516000	2580	DFT-s-OFDM 16 QAM	25@12	22.82	25.32	0.3404
38	30	20	516000	2580	DFT-s-OFDM 16 QAM	1@1	22.1	24.6	0.2884
38	30	20	516000	2580	DFT-s-OFDM 16 QAM	1@49	23.4	25.9	0.3890
38	30	20	519000	2595	DFT-s-OFDM QPSK	25@12	24.51	27.01	0.5023
38	30	20	519000	2595	DFT-s-OFDM QPSK	1@1	24.19	26.69	0.4667
38	30	20	519000	2595	DFT-s-OFDM QPSK	1@49	23.93	26.43	0.4395
38	30	20	519000	2595	DFT-s-OFDM 16 QAM	25@12	23.39	25.89	0.3882
38	30	20	519000	2595	DFT-s-OFDM 16 QAM	1@1	23.39	25.89	0.3882
38	30	20	519000	2595	DFT-s-OFDM 16 QAM	1@49	23	25.5	0.3548
38	30	20	522000	2610	DFT-s-OFDM QPSK	25@12	23.63	26.13	0.4102
38	30	20	522000	2610	DFT-s-OFDM QPSK	1@1	24.12	26.62	0.4592
38	30	20	522000	2610	DFT-s-OFDM QPSK	1@49	22.99	25.49	0.3540
38	30	20	522000	2610	DFT-s-OFDM 16 QAM	25@12	22.55	25.05	0.3199



NR Band	SCS	BandWidth	Arfcn	Freq(MHz)	Modulation	RB	Conducted Power(dBm)	EIRP (dBm)	EIRP (W)
38	30	20	522000	2610	DFT-s-OFDM 16 QAM	1@1	23.24	25.74	0.3750
38	30	20	522000	2610	DFT-s-OFDM 16 QAM	1@49	22.03	24.53	0.2838
38	30	30	517000	2585	DFT-s-OFDM QPSK	36@18	24.27	26.77	0.4753
38	30	30	517000	2585	DFT-s-OFDM QPSK	1@1	23.34	25.84	0.3837
38	30	30	517000	2585	DFT-s-OFDM QPSK	1@76	24.33	26.83	0.4819
38	30	30	517000	2585	DFT-s-OFDM 16 QAM	36@18	23.12	25.62	0.3648
38	30	30	517000	2585	DFT-s-OFDM 16 QAM	1@1	22.42	24.92	0.3105
38	30	30	517000	2585	DFT-s-OFDM 16 QAM	1@76	23.53	26.03	0.4009
38	30	30	519000	2595	DFT-s-OFDM QPSK	36@18	24.6	27.1	0.5129
38	30	30	519000	2595	DFT-s-OFDM QPSK	1@1	24.21	26.71	0.4688
38	30	30	519000	2595	DFT-s-OFDM QPSK	1@76	23.82	26.32	0.4285
38	30	30	519000	2595	DFT-s-OFDM 16 QAM	36@18	23.5	26	0.3981
38	30	30	519000	2595	DFT-s-OFDM 16 QAM	1@1	23.25	25.75	0.3758
38	30	30	519000	2595	DFT-s-OFDM 16 QAM	1@76	22.92	25.42	0.3483
38	30	30	521000	2605	DFT-s-OFDM QPSK	36@18	24.29	26.79	0.4775
38	30	30	521000	2605	DFT-s-OFDM QPSK	1@1	24.68	27.18	0.5224
38	30	30	521000	2605	DFT-s-OFDM QPSK	1@76	23.22	25.72	0.3733
38	30	30	521000	2605	DFT-s-OFDM 16 QAM	36@18	23.17	25.67	0.3690
38	30	30	521000	2605	DFT-s-OFDM 16 QAM	1@1	23.84	26.34	0.4305
38	30	30	521000	2605	DFT-s-OFDM 16 QAM	1@76	22.33	24.83	0.3041
38	30	40	518000	2590	DFT-s-OFDM PI/2 BPSK	50@25	24.52	27.02	0.5035
38	30	40	518000	2590	DFT-s-OFDM PI/2 BPSK	1@1	23.34	25.84	0.3837
38	30	40	518000	2590	DFT-s-OFDM PI/2 BPSK	1@104	23.8	26.3	0.4266
38	30	40	518000	2590	DFT-s-OFDM QPSK	50@25	24.39	26.89	0.4887
38	30	40	518000	2590	DFT-s-OFDM QPSK	1@1	23.26	25.76	0.3767
38	30	40	518000	2590	DFT-s-OFDM QPSK	1@104	23.76	26.26	0.4227
38	30	40	518000	2590	DFT-s-OFDM 16 QAM	50@25	23.28	25.78	0.3784
38	30	40	518000	2590	DFT-s-OFDM 16 QAM	1@1	22.38	24.88	0.3076
38	30	40	518000	2590	DFT-s-OFDM 16 QAM	1@104	22.78	25.28	0.3373
38	30	40	518000	2590	DFT-s-OFDM 64 QAM	50@25	21.84	24.34	0.2716
38	30	40	518000	2590	DFT-s-OFDM 64 QAM	1@1	20.83	23.33	0.2153
38	30	40	518000	2590	DFT-s-OFDM 64 QAM	1@104	21.26	23.76	0.2377
38	30	40	518000	2590	DFT-s-OFDM 256 QAM	50@25	19.78	22.28	0.1690
38	30	40	518000	2590	DFT-s-OFDM 256 QAM	1@1	18.58	21.08	0.1282
38	30	40	518000	2590	DFT-s-OFDM 256 QAM	1@104	19.11	21.61	0.1449
38	30	40	518000	2590	CP-OFDM QPSK	53@26	22.82	25.32	0.3404
38	30	40	518000	2590	CP-OFDM QPSK	1@1	21.77	24.27	0.2673
38	30	40	518000	2590	CP-OFDM QPSK	1@104	22.3	24.8	0.3020



NR Band	SCS	BandWidth	Arfcn	Freq(MHz)	Modulation	RB	Conducted Power(dBm)	EIRP (dBm)	EIRP (W)
38	30	40	519000	2595	DFT-s-OFDM PI/2 BPSK	50@25	24.69	27.19	0.5236
38	30	40	519000	2595	DFT-s-OFDM PI/2 BPSK	1@1	23.71	26.21	0.4178
38	30	40	519000	2595	DFT-s-OFDM PI/2 BPSK	1@104	23.48	25.98	0.3963
38	30	40	519000	2595	DFT-s-OFDM QPSK	50@25	24.45	26.95	0.4955
38	30	40	519000	2595	DFT-s-OFDM QPSK	1@1	23.67	26.17	0.4140
38	30	40	519000	2595	DFT-s-OFDM QPSK	1@104	23.45	25.95	0.3936
38	30	40	519000	2595	DFT-s-OFDM 16 QAM	50@25	23.41	25.91	0.3899
38	30	40	519000	2595	DFT-s-OFDM 16 QAM	1@1	22.67	25.17	0.3289
38	30	40	519000	2595	DFT-s-OFDM 16 QAM	1@104	22.47	24.97	0.3141
38	30	40	519000	2595	DFT-s-OFDM 64 QAM	50@25	21.87	24.37	0.2735
38	30	40	519000	2595	DFT-s-OFDM 64 QAM	1@1	21.24	23.74	0.2366
38	30	40	519000	2595	DFT-s-OFDM 64 QAM	1@104	20.97	23.47	0.2223
38	30	40	519000	2595	DFT-s-OFDM 256 QAM	50@25	19.95	22.45	0.1758
38	30	40	519000	2595	DFT-s-OFDM 256 QAM	1@1	18.96	21.46	0.1400
38	30	40	519000	2595	DFT-s-OFDM 256 QAM	1@104	18.77	21.27	0.1340
38	30	40	519000	2595	CP-OFDM QPSK	53@26	22.95	25.45	0.3508
38	30	40	519000	2595	CP-OFDM QPSK	1@1	22.24	24.74	0.2979
38	30	40	519000	2595	CP-OFDM QPSK	1@104	22.08	24.58	0.2871
38	30	40	520000	2600	DFT-s-OFDM PI/2 BPSK	50@25	24.52	27.02	0.5035
38	30	40	520000	2600	DFT-s-OFDM PI/2 BPSK	1@1	24.15	26.65	0.4624
38	30	40	520000	2600	DFT-s-OFDM PI/2 BPSK	1@104	23.29	25.79	0.3793
38	30	40	520000	2600	DFT-s-OFDM QPSK	50@25	24.43	26.93	0.4932
38	30	40	520000	2600	DFT-s-OFDM QPSK	1@1	24.11	26.61	0.4581
38	30	40	520000	2600	DFT-s-OFDM QPSK	1@104	23.21	25.71	0.3724
38	30	40	520000	2600	DFT-s-OFDM 16 QAM	50@25	23.27	25.77	0.3776
38	30	40	520000	2600	DFT-s-OFDM 16 QAM	1@1	23.06	25.56	0.3597
38	30	40	520000	2600	DFT-s-OFDM 16 QAM	1@104	22.26	24.76	0.2992
38	30	40	520000	2600	DFT-s-OFDM 64 QAM	50@25	21.83	24.33	0.2710
38	30	40	520000	2600	DFT-s-OFDM 64 QAM	1@1	21.57	24.07	0.2553
38	30	40	520000	2600	DFT-s-OFDM 64 QAM	1@104	20.8	23.3	0.2138
38	30	40	520000	2600	DFT-s-OFDM 256 QAM	50@25	19.86	22.36	0.1722
38	30	40	520000	2600	DFT-s-OFDM 256 QAM	1@1	19.42	21.92	0.1556
38	30	40	520000	2600	DFT-s-OFDM 256 QAM	1@104	18.56	21.06	0.1276
38	30	40	520000	2600	CP-OFDM QPSK	53@26	22.77	25.27	0.3365
38	30	40	520000	2600	CP-OFDM QPSK	1@1	22.67	25.17	0.3289
38	30	40	520000	2600	CP-OFDM QPSK	1@104	21.86	24.36	0.2729



Software Version: 23.06.1602

FR1 N41_ANT1**Transmitter Conducted Output Power And EIRP, ($G_T - L_C$)=2.5dB**

NR Band	SCS	BandWidth	Arfcn	Freq(MHz)	Modulation	RB	Conducted Power(dBm)	EIRP (dBm)	EIRP (W)
41	30	10	500202	2501.01	DFT-s-OFDM QPSK	12@6	25.64	28.14	0.6516
41	30	10	500202	2501.01	DFT-s-OFDM QPSK	1@1	25.56	28.06	0.6397
41	30	10	500202	2501.01	DFT-s-OFDM QPSK	1@22	25.63	28.13	0.6501
41	30	10	500202	2501.01	DFT-s-OFDM 16 QAM	12@6	24.6	27.1	0.5129
41	30	10	500202	2501.01	DFT-s-OFDM 16 QAM	1@1	24.58	27.08	0.5105
41	30	10	500202	2501.01	DFT-s-OFDM 16 QAM	1@22	24.65	27.15	0.5188
41	30	10	518598	2592.99	DFT-s-OFDM QPSK	12@6	25.94	28.44	0.6982
41	30	10	518598	2592.99	DFT-s-OFDM QPSK	1@1	25.97	28.47	0.7031
41	30	10	518598	2592.99	DFT-s-OFDM QPSK	1@22	25.91	28.41	0.6934
41	30	10	518598	2592.99	DFT-s-OFDM 16 QAM	12@6	24.91	27.41	0.5508
41	30	10	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	24.96	27.46	0.5572
41	30	10	518598	2592.99	DFT-s-OFDM 16 QAM	1@22	24.89	27.39	0.5483
41	30	10	537000	2685	DFT-s-OFDM QPSK	12@6	25.4	27.9	0.6166
41	30	10	537000	2685	DFT-s-OFDM QPSK	1@1	25.47	27.97	0.6266
41	30	10	537000	2685	DFT-s-OFDM QPSK	1@22	25.46	27.96	0.6252
41	30	10	537000	2685	DFT-s-OFDM 16 QAM	12@6	24.39	26.89	0.4887
41	30	10	537000	2685	DFT-s-OFDM 16 QAM	1@1	24.46	26.96	0.4966
41	30	10	537000	2685	DFT-s-OFDM 16 QAM	1@22	24.41	26.91	0.4909
41	30	20	501204	2506.02	DFT-s-OFDM QPSK	25@12	25.72	28.22	0.6637
41	30	20	501204	2506.02	DFT-s-OFDM QPSK	1@1	25.56	28.06	0.6397
41	30	20	501204	2506.02	DFT-s-OFDM QPSK	1@49	25.59	28.09	0.6442
41	30	20	501204	2506.02	DFT-s-OFDM 16 QAM	25@12	24.58	27.08	0.5105
41	30	20	501204	2506.02	DFT-s-OFDM 16 QAM	1@1	24.58	27.08	0.5105
41	30	20	501204	2506.02	DFT-s-OFDM 16 QAM	1@49	24.55	27.05	0.5070
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	25@12	25.89	28.39	0.6902
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	1@1	25.84	28.34	0.6823
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	1@49	25.72	28.22	0.6637
41	30	20	518598	2592.99	DFT-s-OFDM 16 QAM	25@12	24.9	27.4	0.5495
41	30	20	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	24.76	27.26	0.5321
41	30	20	518598	2592.99	DFT-s-OFDM 16 QAM	1@49	24.65	27.15	0.5188
41	30	20	535998	2679.99	DFT-s-OFDM QPSK	25@12	25.49	27.99	0.6295



NR Band	SCS	BandWidth	Arfcn	Freq(MHz)	Modulation	RB	Conducted Power(dBm)	EIRP (dBm)	EIRP (W)
41	30	20	535998	2679.99	DFT-s-OFDM QPSK	1@1	25.51	28.01	0.6324
41	30	20	535998	2679.99	DFT-s-OFDM QPSK	1@49	25.26	27.76	0.5970
41	30	20	535998	2679.99	DFT-s-OFDM 16 QAM	25@12	24.42	26.92	0.4920
41	30	20	535998	2679.99	DFT-s-OFDM 16 QAM	1@1	24.4	26.9	0.4898
41	30	20	535998	2679.99	DFT-s-OFDM 16 QAM	1@49	24.28	26.78	0.4764
41	30	30	502200	2511	DFT-s-OFDM QPSK	36@18	25.78	28.28	0.6730
41	30	30	502200	2511	DFT-s-OFDM QPSK	1@1	25.7	28.2	0.6607
41	30	30	502200	2511	DFT-s-OFDM QPSK	1@76	25.55	28.05	0.6383
41	30	30	502200	2511	DFT-s-OFDM 16 QAM	36@18	24.68	27.18	0.5224
41	30	30	502200	2511	DFT-s-OFDM 16 QAM	1@1	24.76	27.26	0.5321
41	30	30	502200	2511	DFT-s-OFDM 16 QAM	1@76	24.73	27.23	0.5284
41	30	30	518598	2592.99	DFT-s-OFDM QPSK	36@18	26.02	28.52	0.7112
41	30	30	518598	2592.99	DFT-s-OFDM QPSK	1@1	25.95	28.45	0.6998
41	30	30	518598	2592.99	DFT-s-OFDM QPSK	1@76	25.84	28.34	0.6823
41	30	30	518598	2592.99	DFT-s-OFDM 16 QAM	36@18	24.87	27.37	0.5458
41	30	30	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	24.99	27.49	0.5610
41	30	30	518598	2592.99	DFT-s-OFDM 16 QAM	1@76	24.86	27.36	0.5445
41	30	30	534996	2674.98	DFT-s-OFDM QPSK	36@18	25.6	28.1	0.6457
41	30	30	534996	2674.98	DFT-s-OFDM QPSK	1@1	25.65	28.15	0.6531
41	30	30	534996	2674.98	DFT-s-OFDM QPSK	1@76	25.49	27.99	0.6295
41	30	30	534996	2674.98	DFT-s-OFDM 16 QAM	36@18	24.5	27	0.5012
41	30	30	534996	2674.98	DFT-s-OFDM 16 QAM	1@1	24.7	27.2	0.5248
41	30	30	534996	2674.98	DFT-s-OFDM 16 QAM	1@76	24.54	27.04	0.5058
41	30	40	503202	2516.01	DFT-s-OFDM QPSK	50@25	25.77	28.27	0.6714
41	30	40	503202	2516.01	DFT-s-OFDM QPSK	1@1	25.52	28.02	0.6339
41	30	40	503202	2516.01	DFT-s-OFDM QPSK	1@104	25.54	28.04	0.6368
41	30	40	503202	2516.01	DFT-s-OFDM 16 QAM	50@25	24.63	27.13	0.5164
41	30	40	503202	2516.01	DFT-s-OFDM 16 QAM	1@1	24.6	27.1	0.5129
41	30	40	503202	2516.01	DFT-s-OFDM 16 QAM	1@104	24.56	27.06	0.5082
41	30	40	518598	2592.99	DFT-s-OFDM QPSK	50@25	26.03	28.53	0.7129
41	30	40	518598	2592.99	DFT-s-OFDM QPSK	1@1	25.89	28.39	0.6902
41	30	40	518598	2592.99	DFT-s-OFDM QPSK	1@104	25.7	28.2	0.6607
41	30	40	518598	2592.99	DFT-s-OFDM 16 QAM	50@25	24.95	27.45	0.5559
41	30	40	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	24.77	27.27	0.5333
41	30	40	518598	2592.99	DFT-s-OFDM 16 QAM	1@104	24.68	27.18	0.5224
41	30	40	534000	2670	DFT-s-OFDM QPSK	50@25	25.71	28.21	0.6622



NR Band	SCS	BandWidth	Arfcn	Freq(MHz)	Modulation	RB	Conducted Power(dBm)	EIRP (dBm)	EIRP (W)
41	30	40	534000	2670	DFT-s-OFDM QPSK	1@1	25.49	27.99	0.6295
41	30	40	534000	2670	DFT-s-OFDM QPSK	1@104	25.45	27.95	0.6237
41	30	40	534000	2670	DFT-s-OFDM 16 QAM	50@25	24.56	27.06	0.5082
41	30	40	534000	2670	DFT-s-OFDM 16 QAM	1@1	24.43	26.93	0.4932
41	30	40	534000	2670	DFT-s-OFDM 16 QAM	1@104	24.56	27.06	0.5082
41	30	50	504204	2521.02	DFT-s-OFDM QPSK	64@32	25.93	28.43	0.6966
41	30	50	504204	2521.02	DFT-s-OFDM QPSK	1@1	25.75	28.25	0.6683
41	30	50	504204	2521.02	DFT-s-OFDM QPSK	1@131	25.72	28.22	0.6637
41	30	50	504204	2521.02	DFT-s-OFDM 16 QAM	64@32	24.79	27.29	0.5358
41	30	50	504204	2521.02	DFT-s-OFDM 16 QAM	1@1	24.77	27.27	0.5333
41	30	50	504204	2521.02	DFT-s-OFDM 16 QAM	1@131	24.75	27.25	0.5309
41	30	50	518598	2592.99	DFT-s-OFDM QPSK	64@32	25.15	27.65	0.5821
41	30	50	518598	2592.99	DFT-s-OFDM QPSK	1@1	26.18	28.68	0.7379
41	30	50	518598	2592.99	DFT-s-OFDM QPSK	1@131	25.94	28.44	0.6982
41	30	50	518598	2592.99	DFT-s-OFDM 16 QAM	64@32	25.08	27.58	0.5728
41	30	50	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	24.91	27.41	0.5508
41	30	50	518598	2592.99	DFT-s-OFDM 16 QAM	1@131	25.03	27.53	0.5662
41	30	50	532998	2664.99	DFT-s-OFDM QPSK	64@32	25.86	28.36	0.6855
41	30	50	532998	2664.99	DFT-s-OFDM QPSK	1@1	25.63	28.13	0.6501
41	30	50	532998	2664.99	DFT-s-OFDM QPSK	1@131	25.64	28.14	0.6516
41	30	50	532998	2664.99	DFT-s-OFDM 16 QAM	64@32	24.73	27.23	0.5284
41	30	50	532998	2664.99	DFT-s-OFDM 16 QAM	1@1	24.64	27.14	0.5176
41	30	50	532998	2664.99	DFT-s-OFDM 16 QAM	1@131	24.64	27.14	0.5176
41	30	60	505200	2526	DFT-s-OFDM QPSK	81@40	25.64	28.14	0.6516
41	30	60	505200	2526	DFT-s-OFDM QPSK	1@1	25.6	28.1	0.6457
41	30	60	505200	2526	DFT-s-OFDM QPSK	1@160	25.55	28.05	0.6383
41	30	60	505200	2526	DFT-s-OFDM 16 QAM	81@40	24.6	27.1	0.5129
41	30	60	505200	2526	DFT-s-OFDM 16 QAM	1@1	24.63	27.13	0.5164
41	30	60	505200	2526	DFT-s-OFDM 16 QAM	1@160	24.51	27.01	0.5023
41	30	60	518598	2592.99	DFT-s-OFDM QPSK	81@40	25.77	28.27	0.6714
41	30	60	518598	2592.99	DFT-s-OFDM QPSK	1@1	25.87	28.37	0.6871
41	30	60	518598	2592.99	DFT-s-OFDM QPSK	1@160	25.81	28.31	0.6776
41	30	60	518598	2592.99	DFT-s-OFDM 16 QAM	81@40	24.76	27.26	0.5321
41	30	60	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	24.95	27.45	0.5559
41	30	60	518598	2592.99	DFT-s-OFDM 16 QAM	1@160	24.64	27.14	0.5176
41	30	60	531996	2659.98	DFT-s-OFDM QPSK	81@40	25.58	28.08	0.6427



NR Band	SCS	BandWidth	Arfcn	Freq(MHz)	Modulation	RB	Conducted Power(dBm)	EIRP (dBm)	EIRP (W)
41	30	60	531996	2659.98	DFT-s-OFDM QPSK	1@1	25.43	27.93	0.6209
41	30	60	531996	2659.98	DFT-s-OFDM QPSK	1@160	25.51	28.01	0.6324
41	30	60	531996	2659.98	DFT-s-OFDM 16 QAM	81@40	24.52	27.02	0.5035
41	30	60	531996	2659.98	DFT-s-OFDM 16 QAM	1@1	24.43	26.93	0.4932
41	30	60	531996	2659.98	DFT-s-OFDM 16 QAM	1@160	24.49	26.99	0.5000
41	30	70	505200	2531.01	DFT-s-OFDM QPSK	90@45	25.76	28.26	0.6699
41	30	70	505200	2531.01	DFT-s-OFDM QPSK	1@1	25.58	28.08	0.6427
41	30	70	505200	2531.01	DFT-s-OFDM QPSK	1@187	25.47	27.97	0.6266
41	30	70	505200	2531.01	DFT-s-OFDM 16 QAM	90@45	24.61	27.11	0.5140
41	30	70	505200	2531.01	DFT-s-OFDM 16 QAM	1@1	24.59	27.09	0.5117
41	30	70	505200	2531.01	DFT-s-OFDM 16 QAM	1@187	24.7	27.2	0.5248
41	30	70	518598	2592.99	DFT-s-OFDM QPSK	90@45	24.76	27.26	0.5321
41	30	70	518598	2592.99	DFT-s-OFDM QPSK	1@1	25.07	27.57	0.5715
41	30	70	518598	2592.99	DFT-s-OFDM QPSK	1@187	25.83	28.33	0.6808
41	30	70	518598	2592.99	DFT-s-OFDM 16 QAM	90@45	24.86	27.36	0.5445
41	30	70	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	24.94	27.44	0.5546
41	30	70	518598	2592.99	DFT-s-OFDM 16 QAM	1@187	24.81	27.31	0.5383
41	30	70	531996	2655	DFT-s-OFDM QPSK	90@45	25.29	27.79	0.6012
41	30	70	531996	2655	DFT-s-OFDM QPSK	1@1	25.56	28.06	0.6397
41	30	70	531996	2655	DFT-s-OFDM QPSK	1@187	24.89	27.39	0.5483
41	30	70	531996	2655	DFT-s-OFDM 16 QAM	90@45	24.7	27.2	0.5248
41	30	70	531996	2655	DFT-s-OFDM 16 QAM	1@1	24.67	27.17	0.5212
41	30	70	531996	2655	DFT-s-OFDM 16 QAM	1@187	24.65	27.15	0.5188
41	30	80	507204	2536.02	DFT-s-OFDM QPSK	108@54	25.88	28.38	0.6887
41	30	80	507204	2536.02	DFT-s-OFDM QPSK	1@1	25.72	28.22	0.6637
41	30	80	507204	2536.02	DFT-s-OFDM QPSK	1@215	25.69	28.19	0.6592
41	30	80	507204	2536.02	DFT-s-OFDM 16 QAM	108@54	24.62	27.12	0.5152
41	30	80	507204	2536.02	DFT-s-OFDM 16 QAM	1@1	24.61	27.11	0.5140
41	30	80	507204	2536.02	DFT-s-OFDM 16 QAM	1@215	24.49	26.99	0.5000
41	30	80	518598	2592.99	DFT-s-OFDM QPSK	108@54	25.93	28.43	0.6966
41	30	80	518598	2592.99	DFT-s-OFDM QPSK	1@1	26.13	28.63	0.7295
41	30	80	518598	2592.99	DFT-s-OFDM QPSK	1@215	25.8	28.3	0.6761
41	30	80	518598	2592.99	DFT-s-OFDM 16 QAM	108@54	24.82	27.32	0.5395
41	30	80	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	25.15	27.65	0.5821
41	30	80	518598	2592.99	DFT-s-OFDM 16 QAM	1@215	24.86	27.36	0.5445
41	30	80	529998	2649.99	DFT-s-OFDM QPSK	108@54	25.03	27.53	0.5662



NR Band	SCS	BandWidth	Arfcn	Freq(MHz)	Modulation	RB	Conducted Power(dBm)	EIRP (dBm)	EIRP (W)
41	30	80	529998	2649.99	DFT-s-OFDM QPSK	1@1	25.67	28.17	0.6561
41	30	80	529998	2649.99	DFT-s-OFDM QPSK	1@215	24.62	27.12	0.5152
41	30	80	529998	2649.99	DFT-s-OFDM 16 QAM	108@54	24.59	27.09	0.5117
41	30	80	529998	2649.99	DFT-s-OFDM 16 QAM	1@1	24.7	27.2	0.5248
41	30	80	529998	2649.99	DFT-s-OFDM 16 QAM	1@215	24.35	26.85	0.4842
41	30	90	508200	2541	DFT-s-OFDM QPSK	120@60	25.77	28.27	0.6714
41	30	90	508200	2541	DFT-s-OFDM QPSK	1@1	25.81	28.31	0.6776
41	30	90	508200	2541	DFT-s-OFDM QPSK	1@243	25.72	28.22	0.6637
41	30	90	508200	2541	DFT-s-OFDM 16 QAM	120@60	24.65	27.15	0.5188
41	30	90	508200	2541	DFT-s-OFDM 16 QAM	1@1	24.6	27.1	0.5129
41	30	90	508200	2541	DFT-s-OFDM 16 QAM	1@243	24.64	27.14	0.5176
41	30	90	518598	2592.99	DFT-s-OFDM QPSK	120@60	25.98	28.48	0.7047
41	30	90	518598	2592.99	DFT-s-OFDM QPSK	1@1	26.27	28.77	0.7534
41	30	90	518598	2592.99	DFT-s-OFDM QPSK	1@243	25.92	28.42	0.6950
41	30	90	518598	2592.99	DFT-s-OFDM 16 QAM	120@60	24.78	27.28	0.5346
41	30	90	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	25.28	27.78	0.5998
41	30	90	518598	2592.99	DFT-s-OFDM 16 QAM	1@243	24.84	27.34	0.5420
41	30	90	528996	2644.98	DFT-s-OFDM QPSK	120@60	25.26	27.76	0.5970
41	30	90	528996	2644.98	DFT-s-OFDM QPSK	1@1	25.53	28.03	0.6353
41	30	90	528996	2644.98	DFT-s-OFDM QPSK	1@243	24.69	27.19	0.5236
41	30	90	528996	2644.98	DFT-s-OFDM 16 QAM	120@60	24.57	27.07	0.5093
41	30	90	528996	2644.98	DFT-s-OFDM 16 QAM	1@1	24.69	27.19	0.5236
41	30	90	528996	2644.98	DFT-s-OFDM 16 QAM	1@243	24.35	26.85	0.4842
41	30	100	509202	2546.01	DFT-s-OFDM PI/2 BPSK	135@67	25.76	28.26	0.6699
41	30	100	509202	2546.01	DFT-s-OFDM PI/2 BPSK	1@1	25.88	28.38	0.6887
41	30	100	509202	2546.01	DFT-s-OFDM PI/2 BPSK	1@271	25.94	28.44	0.6982
41	30	100	509202	2546.01	DFT-s-OFDM QPSK	135@67	25.72	28.22	0.6637
41	30	100	509202	2546.01	DFT-s-OFDM QPSK	1@1	25.87	28.37	0.6871
41	30	100	509202	2546.01	DFT-s-OFDM QPSK	1@271	25.87	28.37	0.6871
41	30	100	509202	2546.01	DFT-s-OFDM 16 QAM	135@67	24.66	27.16	0.5200
41	30	100	509202	2546.01	DFT-s-OFDM 16 QAM	1@1	24.68	27.18	0.5224
41	30	100	509202	2546.01	DFT-s-OFDM 16 QAM	1@271	24.83	27.33	0.5408
41	30	100	509202	2546.01	DFT-s-OFDM 64 QAM	135@67	23.26	25.76	0.3767
41	30	100	509202	2546.01	DFT-s-OFDM 64 QAM	1@1	23.24	25.74	0.3750
41	30	100	509202	2546.01	DFT-s-OFDM 64 QAM	1@271	23.32	25.82	0.3819
41	30	100	509202	2546.01	DFT-s-OFDM 256 QAM	135@67	21.23	23.73	0.2360



NR Band	SCS	BandWidth	Arfcn	Freq(MHz)	Modulation	RB	Conducted Power(dBm)	EIRP (dBm)	EIRP (W)
41	30	100	509202	2546.01	DFT-s-OFDM 256 QAM	1@1	21.22	23.72	0.2355
41	30	100	509202	2546.01	DFT-s-OFDM 256 QAM	1@271	21.34	23.84	0.2421
41	30	100	509202	2546.01	CP-OFDM QPSK	137@68	24.11	26.61	0.4581
41	30	100	509202	2546.01	CP-OFDM QPSK	1@1	24.46	26.96	0.4966
41	30	100	509202	2546.01	CP-OFDM QPSK	1@271	24.57	27.07	0.5093
41	30	100	518598	2592.99	DFT-s-OFDM PI/2 BPSK	135@67	25.99	28.49	0.7063
41	30	100	518598	2592.99	DFT-s-OFDM PI/2 BPSK	1@1	26.48	28.98	0.7907
41	30	100	518598	2592.99	DFT-s-OFDM PI/2 BPSK	1@271	26.11	28.61	0.7261
41	30	100	518598	2592.99	DFT-s-OFDM QPSK	135@67	25.91	28.41	0.6934
41	30	100	518598	2592.99	DFT-s-OFDM QPSK	1@1	26.41	28.91	0.7780
41	30	100	518598	2592.99	DFT-s-OFDM QPSK	1@271	25.94	28.44	0.6982
41	30	100	518598	2592.99	DFT-s-OFDM 16 QAM	135@67	24.81	27.31	0.5383
41	30	100	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	25.29	27.79	0.6012
41	30	100	518598	2592.99	DFT-s-OFDM 16 QAM	1@271	25.11	27.61	0.5768
41	30	100	518598	2592.99	DFT-s-OFDM 64 QAM	135@67	23.36	25.86	0.3855
41	30	100	518598	2592.99	DFT-s-OFDM 64 QAM	1@1	23.6	26.1	0.4074
41	30	100	518598	2592.99	DFT-s-OFDM 64 QAM	1@271	23.55	26.05	0.4027
41	30	100	518598	2592.99	DFT-s-OFDM 256 QAM	135@67	21.38	23.88	0.2443
41	30	100	518598	2592.99	DFT-s-OFDM 256 QAM	1@1	21.75	24.25	0.2661
41	30	100	518598	2592.99	DFT-s-OFDM 256 QAM	1@271	21.54	24.04	0.2535
41	30	100	518598	2592.99	CP-OFDM QPSK	137@68	24.27	26.77	0.4753
41	30	100	518598	2592.99	CP-OFDM QPSK	1@1	24.99	27.49	0.5610
41	30	100	518598	2592.99	CP-OFDM QPSK	1@271	24.76	27.26	0.5321
41	30	100	528000	2640	DFT-s-OFDM PI/2 BPSK	135@67	25.8	28.3	0.6761
41	30	100	528000	2640	DFT-s-OFDM PI/2 BPSK	1@1	25.98	28.48	0.7047
41	30	100	528000	2640	DFT-s-OFDM PI/2 BPSK	1@271	25.6	28.1	0.6457
41	30	100	528000	2640	DFT-s-OFDM QPSK	135@67	25.05	27.55	0.5689
41	30	100	528000	2640	DFT-s-OFDM QPSK	1@1	25.48	27.98	0.6281
41	30	100	528000	2640	DFT-s-OFDM QPSK	1@271	24.65	27.15	0.5188
41	30	100	528000	2640	DFT-s-OFDM 16 QAM	135@67	24.67	27.17	0.5212
41	30	100	528000	2640	DFT-s-OFDM 16 QAM	1@1	24.89	27.39	0.5483
41	30	100	528000	2640	DFT-s-OFDM 16 QAM	1@271	24.7	27.2	0.5248
41	30	100	528000	2640	DFT-s-OFDM 64 QAM	135@67	23.17	25.67	0.3690
41	30	100	528000	2640	DFT-s-OFDM 64 QAM	1@1	23.34	25.84	0.3837
41	30	100	528000	2640	DFT-s-OFDM 64 QAM	1@271	23.32	25.82	0.3819
41	30	100	528000	2640	DFT-s-OFDM 256 QAM	135@67	21.23	23.73	0.2360



NR Band	SCS	BandWidth	Arfcn	Freq(MHz)	Modulation	RB	Conducted Power(dBm)	EIRP (dBm)	EIRP (W)
41	30	100	528000	2640	DFT-s-OFDM 256 QAM	1@1	21.47	23.97	0.2495
41	30	100	528000	2640	DFT-s-OFDM 256 QAM	1@271	21.41	23.91	0.2460
41	30	100	528000	2640	CP-OFDM QPSK	137@68	24.12	26.62	0.4592
41	30	100	528000	2640	CP-OFDM QPSK	1@1	24.61	27.11	0.5140
41	30	100	528000	2640	CP-OFDM QPSK	1@271	24.28	26.78	0.4764



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	18.4	PASS	NV
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	14.9	PASS	LV
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	17.4	PASS	HV
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	19.4	PASS	-30°C
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	12.1	PASS	-20°C
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	13.7	PASS	-10°C
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	17.3	PASS	0°C
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	17	PASS	10°C
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	18.4	PASS	20°C
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	15.4	PASS	30°C
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	11.4	PASS	40°C
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	17.2	PASS	50°C

 $|\text{MAX}(\Delta f)| = 19.4 \text{ Hz}$

Frequency Stability	Frequency (MHz)	Limit Line	Result
$f_L - \text{MAX}(\Delta f) $	2496.909081	$\geq 2496 \text{ MHz}$	PASS
$f_H + \text{MAX}(\Delta f) $	2689.100919	$\leq 2690 \text{ MHz}$	

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	3.87	13	PASS
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	4.42	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**

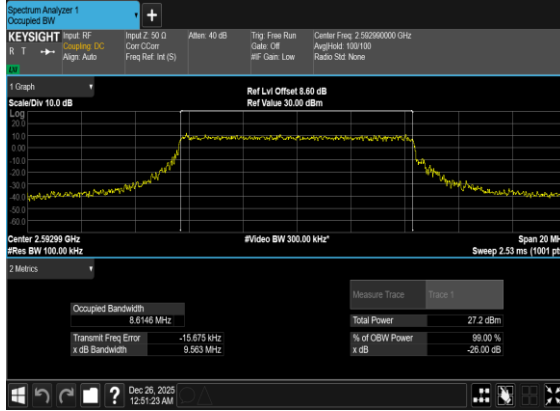
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	OBW (MHz)	26dB BW (MHz)
41	30	10	518598	2592.99	CP-OFDM QPSK	24@0	8.6146	9.563
41	30	10	518598	2592.99	CP-OFDM 16 QAM	24@0	8.5687	9.491
41	30	10	518598	2592.99	CP-OFDM 64 QAM	24@0	8.551	9.42
41	30	10	518598	2592.99	CP-OFDM 256 QAM	24@0	8.5565	9.741
41	30	20	518598	2592.99	CP-OFDM QPSK	51@0	18.253	19.69
41	30	20	518598	2592.99	CP-OFDM 16 QAM	51@0	18.243	19.38
41	30	20	518598	2592.99	CP-OFDM 64 QAM	51@0	18.182	19.72
41	30	20	518598	2592.99	CP-OFDM 256 QAM	51@0	18.19	19.32
41	30	30	518598	2592.99	CP-OFDM QPSK	78@0	27.84	29.51
41	30	30	518598	2592.99	CP-OFDM 16 QAM	78@0	27.844	29.32
41	30	30	518598	2592.99	CP-OFDM 64 QAM	78@0	27.847	29.03
41	30	30	518598	2592.99	CP-OFDM 256 QAM	78@0	27.768	29.09
41	30	40	518598	2592.99	CP-OFDM QPSK	106@0	37.856	39.2
41	30	40	518598	2592.99	CP-OFDM 16 QAM	106@0	37.89	39.4
41	30	40	518598	2592.99	CP-OFDM 64 QAM	106@0	37.84	39.21
41	30	40	518598	2592.99	CP-OFDM 256 QAM	106@0	37.809	39.23
41	30	50	518598	2592.99	CP-OFDM QPSK	133@0	47.534	49.27
41	30	50	518598	2592.99	CP-OFDM 16 QAM	133@0	47.42	49.22
41	30	50	518598	2592.99	CP-OFDM 64 QAM	133@0	47.384	49.28
41	30	50	518598	2592.99	CP-OFDM 256 QAM	133@0	47.431	49.48
41	30	60	518598	2592.99	CP-OFDM QPSK	162@0	57.753	59.68
41	30	60	518598	2592.99	CP-OFDM 16 QAM	162@0	57.87	59.77



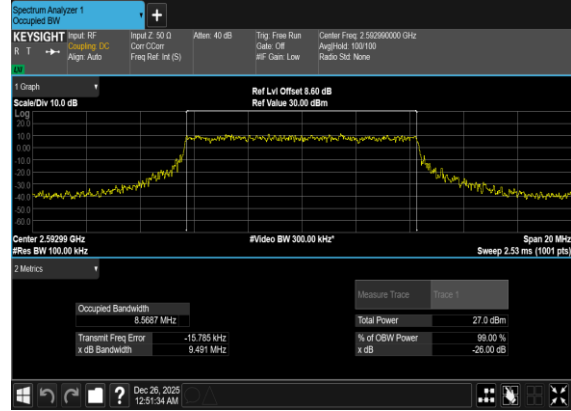
41	30	60	518598	2592.99	CP-OFDM 64 QAM	162@0	57.934	59.71
41	30	60	518598	2592.99	CP-OFDM 256 QAM	162@0	57.961	60.12
41	30	70	518598	2592.99	CP-OFDM QPSK	189@0	67.401	69.96
41	30	70	518598	2592.99	CP-OFDM 16 QAM	189@0	67.44	69.75
41	30	70	518598	2592.99	CP-OFDM 64 QAM	189@0	67.576	69.71
41	30	70	518598	2592.99	CP-OFDM 256 QAM	189@0	67.315	69.83
41	30	80	518598	2592.99	CP-OFDM QPSK	217@0	77.298	79.97
41	30	80	518598	2592.99	CP-OFDM 16 QAM	217@0	77.433	79.83
41	30	80	518598	2592.99	CP-OFDM 64 QAM	217@0	77.398	79.94
41	30	80	518598	2592.99	CP-OFDM 256 QAM	217@0	77.642	79.89
41	30	90	518598	2592.99	CP-OFDM QPSK	245@0	87.438	90.28
41	30	90	518598	2592.99	CP-OFDM 16 QAM	245@0	87.398	90.34
41	30	90	518598	2592.99	CP-OFDM 64 QAM	245@0	87.701	90.23
41	30	90	518598	2592.99	CP-OFDM 256 QAM	245@0	87.317	90.24
41	30	100	518598	2592.99	CP-OFDM QPSK	273@0	97.076	100.7
41	30	100	518598	2592.99	CP-OFDM 16 QAM	273@0	97.426	100.5
41	30	100	518598	2592.99	CP-OFDM 64 QAM	273@0	97.346	100.7
41	30	100	518598	2592.99	CP-OFDM 256 QAM	273@0	97.439	100.4



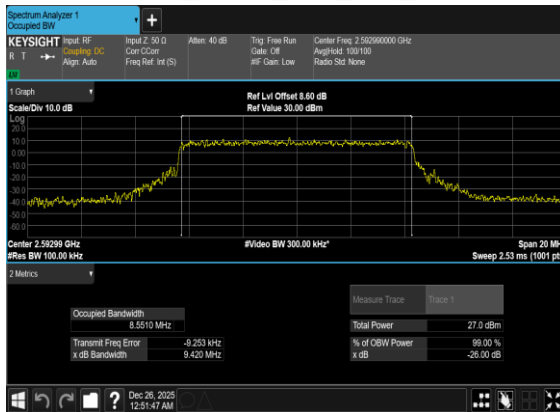
N41(10M)_CP-
OFDM_QPSK_Outer_Full_Mid_CH



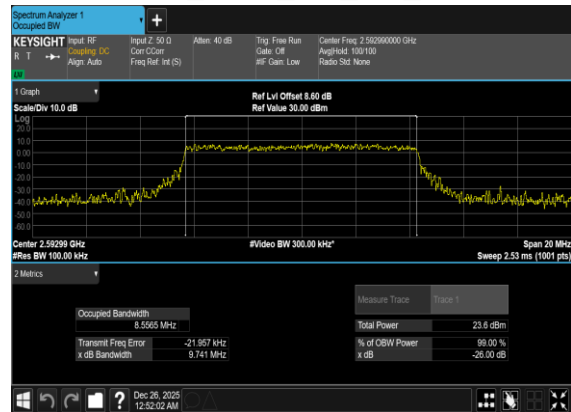
N41(10M)_CP-OFDM_16
QAM_Outer_Full_Mid_CH



N41(10M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH



N41(10M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH





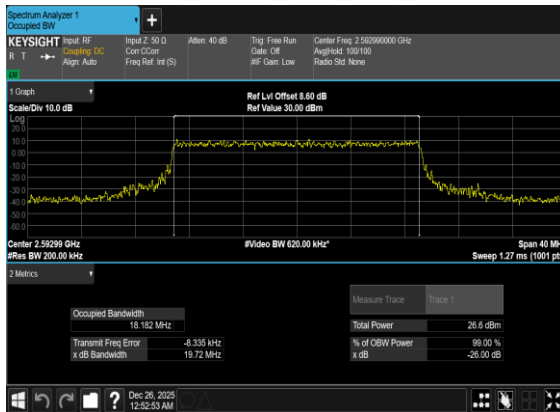
N41(20M)_CP-
OFDM_QPSK_Outer_Full_Mid_CH



N41(20M)_CP-OFDM_16
QAM_Outer_Full_Mid_CH



N41(20M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH



N41(20M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH

