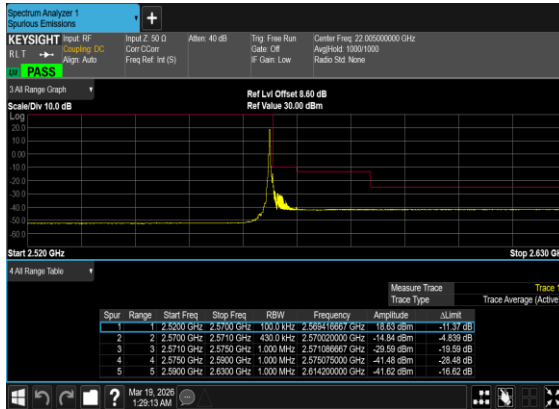
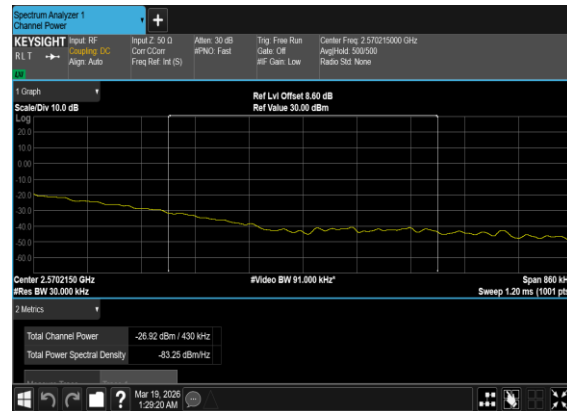




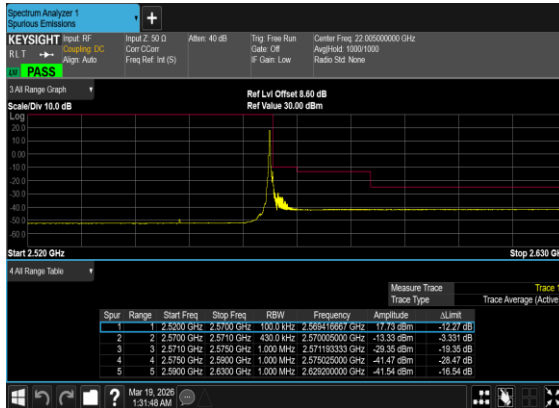
N7(20M)_DFT-s-
OFDM_BPSK_Edge_1RB_Right_High_CH



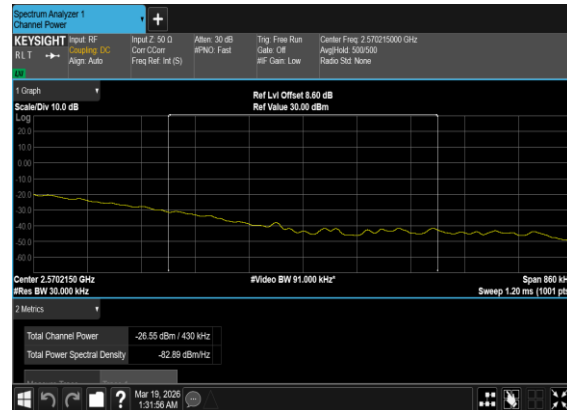
N7(20M)_DFT-s-
OFDM_BPSK_Edge_1RB_Right_High_CH_CHP_P
ASS



N7(20M)_DFT-s-
OFDM_QPSK_Edge_1RB_Right_High_CH

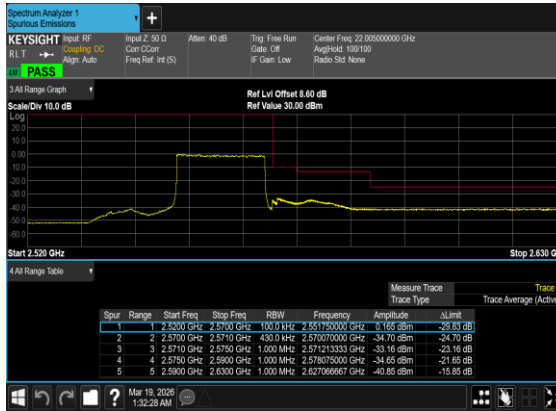


N7(20M)_DFT-s-
OFDM_QPSK_Edge_1RB_Right_High_CH_CHP_P
ASS

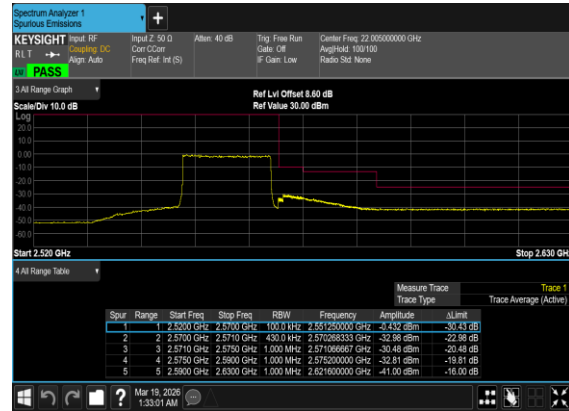




N7(20M)_DFT-s-
OFDM_BPSK_Outer_Full_High_CH



N7(20M)_DFT-s-
OFDM_QPSK_Outer_Full_High_CH





Software Version: 23.06.1602

FR1 N12_ANT0**Transmitter Conducted Output Power And ERP, (G_T - L_C)= -1.65 dB**

NR Band	SCS	BandWidth	Arfcn	Freq(MHz)	Modulation	RB	Conducted Power(dBm)	EIRP(dBm)	EIRP(W)
12	15	5	140300	701.5	DFT-s-OFDM QPSK	12@6	22.22	18.42	0.0695
12	15	5	140300	701.5	DFT-s-OFDM QPSK	1@1	22.28	18.48	0.0705
12	15	5	140300	701.5	DFT-s-OFDM QPSK	1@23	22.19	18.39	0.0690
12	15	5	140300	701.5	DFT-s-OFDM 16 QAM	12@6	21.15	17.35	0.0543
12	15	5	140300	701.5	DFT-s-OFDM 16 QAM	1@1	21.3	17.5	0.0562
12	15	5	140300	701.5	DFT-s-OFDM 16 QAM	1@23	21.26	17.46	0.0557
12	15	5	141500	707.5	DFT-s-OFDM QPSK	12@6	22.23	18.43	0.0697
12	15	5	141500	707.5	DFT-s-OFDM QPSK	1@1	22.38	18.58	0.0721
12	15	5	141500	707.5	DFT-s-OFDM QPSK	1@23	22.36	18.56	0.0718
12	15	5	141500	707.5	DFT-s-OFDM 16 QAM	12@6	21.15	17.35	0.0543
12	15	5	141500	707.5	DFT-s-OFDM 16 QAM	1@1	21.36	17.56	0.0570
12	15	5	141500	707.5	DFT-s-OFDM 16 QAM	1@23	21.37	17.57	0.0571
12	15	5	142700	713.5	DFT-s-OFDM QPSK	12@6	22.21	18.41	0.0693
12	15	5	142700	713.5	DFT-s-OFDM QPSK	1@1	22.3	18.5	0.0708
12	15	5	142700	713.5	DFT-s-OFDM QPSK	1@23	22.14	18.34	0.0682
12	15	5	142700	713.5	DFT-s-OFDM 16 QAM	12@6	21.13	17.33	0.0541
12	15	5	142700	713.5	DFT-s-OFDM 16 QAM	1@1	21.34	17.54	0.0568
12	15	5	142700	713.5	DFT-s-OFDM 16 QAM	1@23	21.23	17.43	0.0553
12	15	10	140800	704	DFT-s-OFDM QPSK	25@12	22.28	18.48	0.0705
12	15	10	140800	704	DFT-s-OFDM QPSK	1@1	22.32	18.52	0.0711
12	15	10	140800	704	DFT-s-OFDM QPSK	1@50	22.26	18.46	0.0701
12	15	10	140800	704	DFT-s-OFDM 16 QAM	25@12	21.26	17.46	0.0557
12	15	10	140800	704	DFT-s-OFDM 16 QAM	1@1	21.32	17.52	0.0565
12	15	10	140800	704	DFT-s-OFDM 16 QAM	1@50	21.31	17.51	0.0564
12	15	10	141500	707.5	DFT-s-OFDM QPSK	25@12	22.22	18.42	0.0695
12	15	10	141500	707.5	DFT-s-OFDM QPSK	1@1	22.23	18.43	0.0697
12	15	10	141500	707.5	DFT-s-OFDM QPSK	1@50	22.28	18.48	0.0705
12	15	10	141500	707.5	DFT-s-OFDM 16 QAM	25@12	21.24	17.44	0.0555
12	15	10	141500	707.5	DFT-s-OFDM 16 QAM	1@1	21.36	17.56	0.0570
12	15	10	141500	707.5	DFT-s-OFDM 16 QAM	1@50	21.31	17.51	0.0564
12	15	10	142200	711	DFT-s-OFDM QPSK	25@12	22.29	18.49	0.0706
12	15	10	142200	711	DFT-s-OFDM QPSK	1@1	22.27	18.47	0.0703
12	15	10	142200	711	DFT-s-OFDM QPSK	1@50	22.17	18.37	0.0687
12	15	10	142200	711	DFT-s-OFDM 16 QAM	25@12	21.25	17.45	0.0556
12	15	10	142200	711	DFT-s-OFDM 16 QAM	1@1	21.39	17.59	0.0574



12	15	10	142200	711	DFT-s-OFDM 16 QAM	1@50	21.22	17.42	0.0552
12	15	15	141300	706.5	DFT-s-OFDM PI/2 BPSK	36@18	22.39	18.59	0.0723
12	15	15	141300	706.5	DFT-s-OFDM PI/2 BPSK	1@1	22.31	18.51	0.0710
12	15	15	141300	706.5	DFT-s-OFDM PI/2 BPSK	1@77	22.19	18.39	0.0690
12	15	15	141300	706.5	DFT-s-OFDM QPSK	36@18	22.37	18.57	0.0719
12	15	15	141300	706.5	DFT-s-OFDM QPSK	1@1	22.35	18.55	0.0716
12	15	15	141300	706.5	DFT-s-OFDM QPSK	1@77	22.32	18.52	0.0711
12	15	15	141300	706.5	DFT-s-OFDM 16 QAM	36@18	21.35	17.55	0.0569
12	15	15	141300	706.5	DFT-s-OFDM 16 QAM	1@1	21.4	17.6	0.0575
12	15	15	141300	706.5	DFT-s-OFDM 16 QAM	1@77	21.38	17.58	0.0573
12	15	15	141300	706.5	DFT-s-OFDM 64 QAM	36@18	19.92	16.12	0.0409
12	15	15	141300	706.5	DFT-s-OFDM 64 QAM	1@1	19.95	16.15	0.0412
12	15	15	141300	706.5	DFT-s-OFDM 64 QAM	1@77	19.84	16.04	0.0402
12	15	15	141300	706.5	DFT-s-OFDM 256 QAM	36@18	17.77	13.97	0.0249
12	15	15	141300	706.5	DFT-s-OFDM 256 QAM	1@1	17.59	13.79	0.0239
12	15	15	141300	706.5	DFT-s-OFDM 256 QAM	1@77	17.63	13.83	0.0242
12	15	15	141300	706.5	CP-OFDM QPSK	39@19	20.85	17.05	0.0507
12	15	15	141300	706.5	CP-OFDM QPSK	1@1	20.89	17.09	0.0512
12	15	15	141300	706.5	CP-OFDM QPSK	1@77	20.78	16.98	0.0499
12	15	15	141500	707.5	DFT-s-OFDM PI/2 BPSK	36@18	22.35	18.55	0.0716
12	15	15	141500	707.5	DFT-s-OFDM PI/2 BPSK	1@1	22.27	18.47	0.0703
12	15	15	141500	707.5	DFT-s-OFDM PI/2 BPSK	1@77	22.17	18.37	0.0687
12	15	15	141500	707.5	DFT-s-OFDM QPSK	36@18	22.3	18.5	0.0708
12	15	15	141500	707.5	DFT-s-OFDM QPSK	1@1	22.38	18.58	0.0721
12	15	15	141500	707.5	DFT-s-OFDM QPSK	1@77	22.29	18.49	0.0706
12	15	15	141500	707.5	DFT-s-OFDM 16 QAM	36@18	21.35	17.55	0.0569
12	15	15	141500	707.5	DFT-s-OFDM 16 QAM	1@1	21.43	17.63	0.0579
12	15	15	141500	707.5	DFT-s-OFDM 16 QAM	1@77	21.36	17.56	0.0570
12	15	15	141500	707.5	DFT-s-OFDM 64 QAM	36@18	19.88	16.08	0.0406
12	15	15	141500	707.5	DFT-s-OFDM 64 QAM	1@1	19.87	16.07	0.0405
12	15	15	141500	707.5	DFT-s-OFDM 64 QAM	1@77	19.84	16.04	0.0402
12	15	15	141500	707.5	DFT-s-OFDM 256 QAM	36@18	17.77	13.97	0.0249
12	15	15	141500	707.5	DFT-s-OFDM 256 QAM	1@1	17.65	13.85	0.0243
12	15	15	141500	707.5	DFT-s-OFDM 256 QAM	1@77	17.61	13.81	0.0240
12	15	15	141500	707.5	CP-OFDM QPSK	39@19	20.83	17.03	0.0505
12	15	15	141500	707.5	CP-OFDM QPSK	1@1	20.92	17.12	0.0515
12	15	15	141500	707.5	CP-OFDM QPSK	1@77	20.85	17.05	0.0507
12	15	15	141700	708.5	DFT-s-OFDM PI/2 BPSK	36@18	22.29	18.49	0.0706
12	15	15	141700	708.5	DFT-s-OFDM PI/2 BPSK	1@1	22.28	18.48	0.0705
12	15	15	141700	708.5	DFT-s-OFDM PI/2 BPSK	1@77	22.17	18.37	0.0687
12	15	15	141700	708.5	DFT-s-OFDM QPSK	36@18	22.32	18.52	0.0711
12	15	15	141700	708.5	DFT-s-OFDM QPSK	1@1	22.3	18.5	0.0708



12	15	15	141700	708.5	DFT-s-OFDM QPSK	1@77	22.26	18.46	0.0701
12	15	15	141700	708.5	DFT-s-OFDM 16 QAM	36@18	21.33	17.53	0.0566
12	15	15	141700	708.5	DFT-s-OFDM 16 QAM	1@1	21.42	17.62	0.0578
12	15	15	141700	708.5	DFT-s-OFDM 16 QAM	1@77	21.34	17.54	0.0568
12	15	15	141700	708.5	DFT-s-OFDM 64 QAM	36@18	19.87	16.07	0.0405
12	15	15	141700	708.5	DFT-s-OFDM 64 QAM	1@1	19.96	16.16	0.0413
12	15	15	141700	708.5	DFT-s-OFDM 64 QAM	1@77	19.83	16.03	0.0401
12	15	15	141700	708.5	DFT-s-OFDM 256 QAM	36@18	17.74	13.94	0.0248
12	15	15	141700	708.5	DFT-s-OFDM 256 QAM	1@1	17.59	13.79	0.0239
12	15	15	141700	708.5	DFT-s-OFDM 256 QAM	1@77	17.6	13.8	0.0240
12	15	15	141700	708.5	CP-OFDM QPSK	39@19	20.85	17.05	0.0507
12	15	15	141700	708.5	CP-OFDM QPSK	1@1	20.89	17.09	0.0512
12	15	15	141700	708.5	CP-OFDM QPSK	1@77	20.81	17.01	0.0502

Frequency Stability

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Deviation (Hz)	Verdict	Environment
12	15	10	141500	707.5	DFT-s-OFDM QPSK	50@0	11.3	PASS	NV
12	15	10	141500	707.5	DFT-s-OFDM QPSK	50@0	19.4	PASS	LV
12	15	10	141500	707.5	DFT-s-OFDM QPSK	50@0	18.6	PASS	HV
12	15	10	141500	707.5	DFT-s-OFDM QPSK	50@0	11.2	PASS	-30°C
12	15	10	141500	707.5	DFT-s-OFDM QPSK	50@0	13	PASS	-20°C
12	15	10	141500	707.5	DFT-s-OFDM QPSK	50@0	14.6	PASS	-10°C
12	15	10	141500	707.5	DFT-s-OFDM QPSK	50@0	18.2	PASS	0°C
12	15	10	141500	707.5	DFT-s-OFDM QPSK	50@0	13.8	PASS	10°C
12	15	10	141500	707.5	DFT-s-OFDM QPSK	50@0	11.3	PASS	20°C
12	15	10	141500	707.5	DFT-s-OFDM QPSK	50@0	17.4	PASS	30°C
12	15	10	141500	707.5	DFT-s-OFDM QPSK	50@0	12.5	PASS	40°C
12	15	10	141500	707.5	DFT-s-OFDM QPSK	50@0	14.1	PASS	50°C

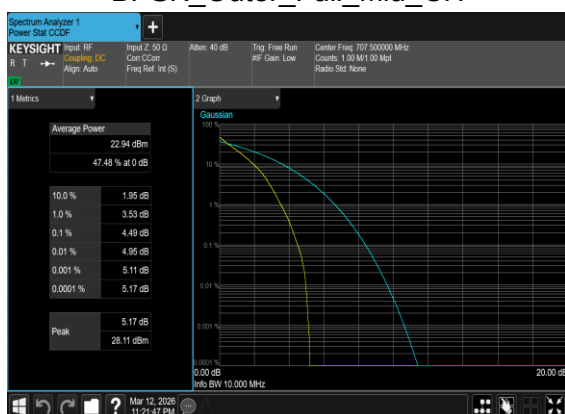
$|\text{MAX}(\Delta f)| = 19.4 \text{ Hz}$

Frequency Stability	Frequency (MHz)	Limit Line	Result
$f_L - \text{MAX}(\Delta f) $	699.3967806	$\geq 699 \text{ MHz}$	PASS
$f_H + \text{MAX}(\Delta f) $	715.5266194	$\leq 716 \text{ MHz}$	

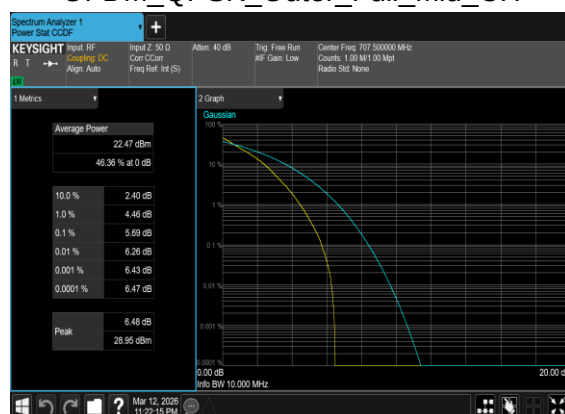
Peak to Average Ratio

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result (dB)	Limit (dB)	Verdict
12	15	10	141500	707.5	DFT-s-OFDM PI/2 BPSK	50@0	4.49	13	PASS
12	15	10	141500	707.5	DFT-s-OFDM QPSK	50@0	5.69	13	PASS

N12(10M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_Mid_CH



N12(10M)_DFT-s-OFDM_QPSK_Outer_Full_Mid_CH



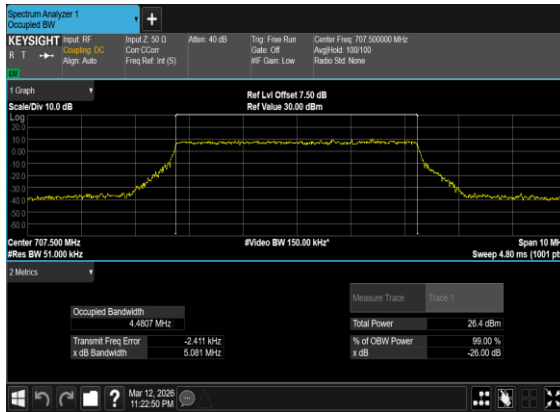


Occupied Bandwidth

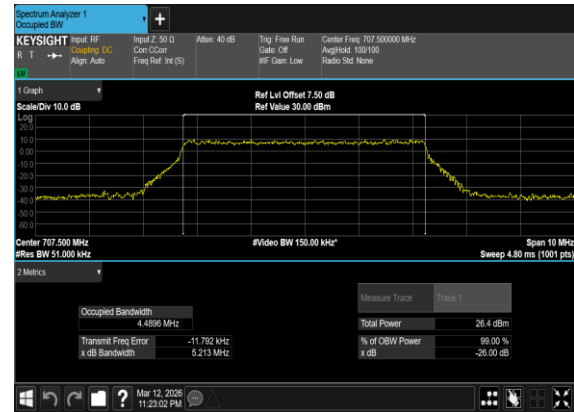
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	OBW (MHz)	26dB BW (MHz)
12	15	5	141500	707.5	CP-OFDM QPSK	25@0	4.4807	5.081
12	15	5	141500	707.5	CP-OFDM 16 QAM	25@0	4.4896	5.213
12	15	5	141500	707.5	CP-OFDM 64 QAM	25@0	4.465	5.059
12	15	5	141500	707.5	CP-OFDM 256 QAM	25@0	4.4812	5.006
12	15	10	141500	707.5	CP-OFDM QPSK	52@0	9.2849	9.997
12	15	10	141500	707.5	CP-OFDM 16 QAM	52@0	9.2905	10.04
12	15	10	141500	707.5	CP-OFDM 64 QAM	52@0	9.267	9.821
12	15	10	141500	707.5	CP-OFDM 256 QAM	52@0	9.2924	9.932
12	15	15	141500	707.5	CP-OFDM QPSK	79@0	14.106	14.89
12	15	15	141500	707.5	CP-OFDM 16 QAM	79@0	14.111	14.95
12	15	15	141500	707.5	CP-OFDM 64 QAM	79@0	14.111	14.9
12	15	15	141500	707.5	CP-OFDM 256 QAM	79@0	14.069	14.88



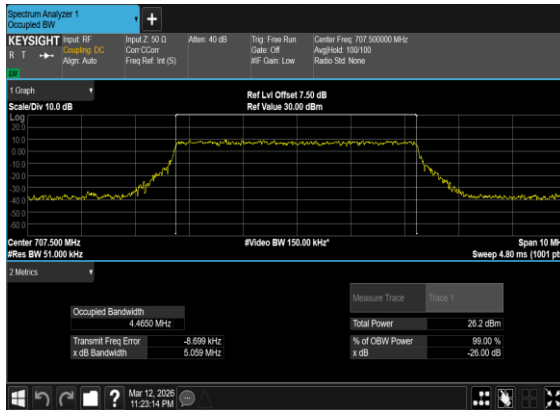
N12(5M)_CP-
OFDM_QPSK_Outer_Full_Mid_CH



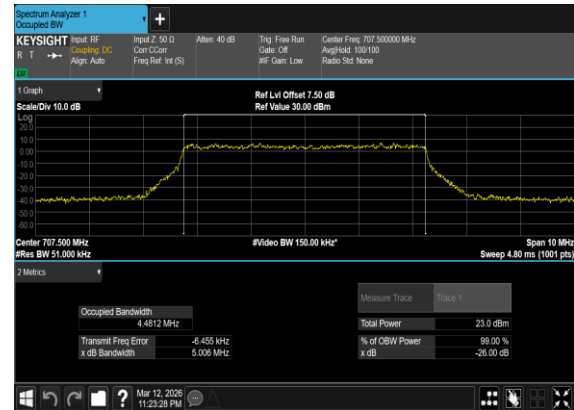
N12(5M)_CP-OFDM_16
QAM_Outer_Full_Mid_CH



N12(5M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH

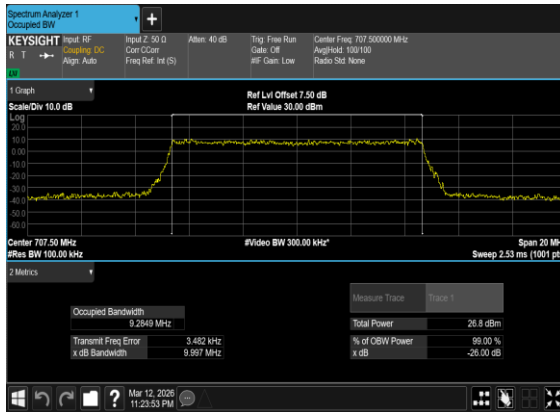


N12(5M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH

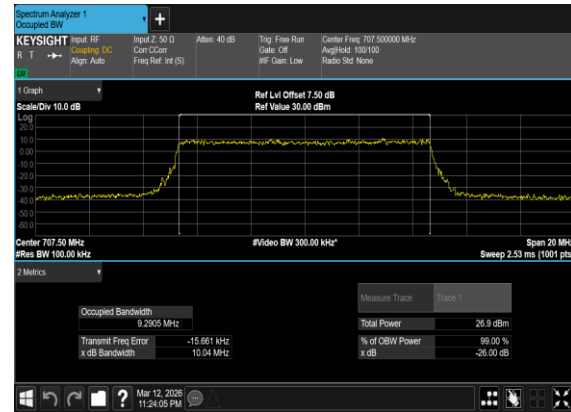




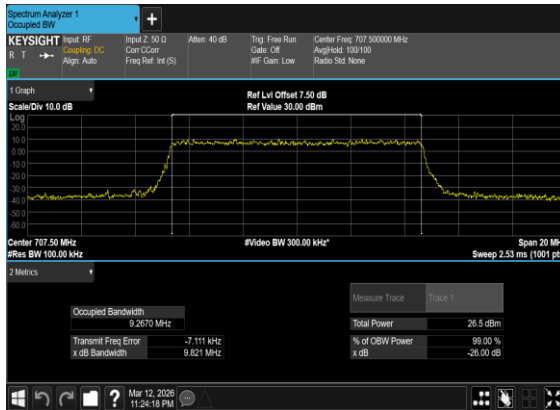
N12(10M)_CP-
OFDM_QPSK_Outer_Full_Mid_CH



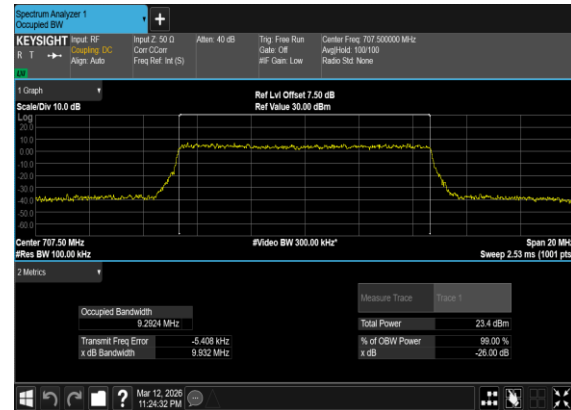
N12(10M)_CP-OFDM_16
QAM_Outer_Full_Mid_CH



N12(10M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH

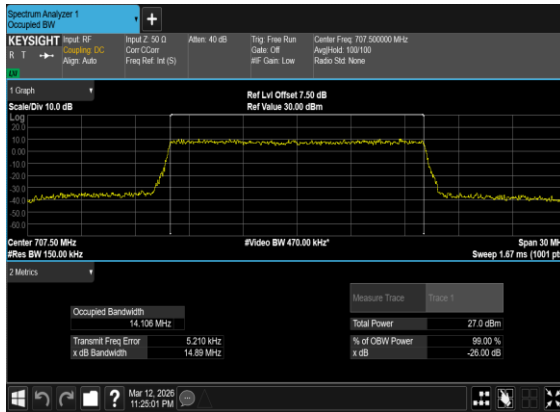


N12(10M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH

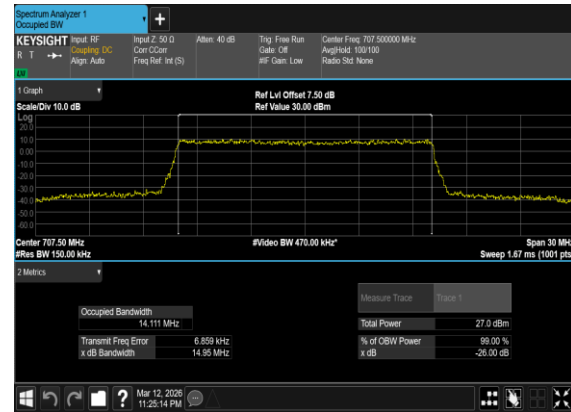




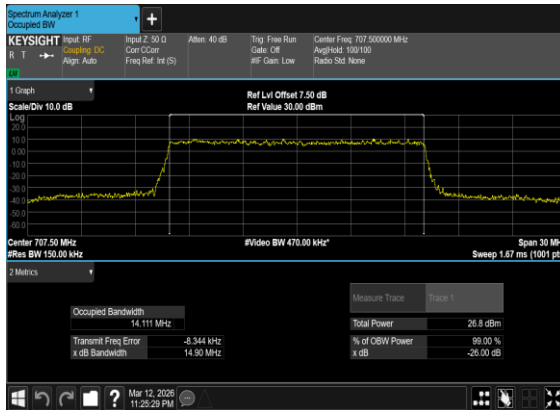
N12(15M)_CP-
OFDM_QPSK_Outer_Full_Mid_CH



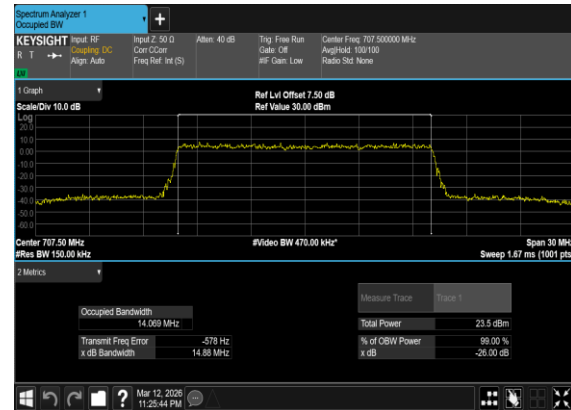
N12(15M)_CP-OFDM_16
QAM_Outer_Full_Mid_CH



N12(15M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH



N12(15M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH





Conducted Spurious Emissions

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
12	15	5	140300	701.5	DFT-s-OFDM BPSK	1@0	see graph	---
12	15	5	140300	701.5	DFT-s-OFDM BPSK	1@0	see graph	PASS
12	15	5	140300	701.5	DFT-s-OFDM QPSK	1@0	see graph	---
12	15	5	140300	701.5	DFT-s-OFDM QPSK	1@0	see graph	PASS
12	15	5	141500	707.5	DFT-s-OFDM BPSK	1@0	see graph	---
12	15	5	141500	707.5	DFT-s-OFDM BPSK	1@0	see graph	PASS
12	15	5	141500	707.5	DFT-s-OFDM QPSK	1@0	see graph	---
12	15	5	141500	707.5	DFT-s-OFDM QPSK	1@0	see graph	PASS
12	15	5	142700	713.5	DFT-s-OFDM BPSK	1@0	see graph	---
12	15	5	142700	713.5	DFT-s-OFDM BPSK	1@0	see graph	PASS
12	15	5	142700	713.5	DFT-s-OFDM QPSK	1@0	see graph	---
12	15	5	142700	713.5	DFT-s-OFDM QPSK	1@0	see graph	PASS
12	15	10	140800	704.0	DFT-s-OFDM BPSK	1@0	see graph	---
12	15	10	140800	704.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
12	15	10	140800	704.0	DFT-s-OFDM QPSK	1@0	see graph	---
12	15	10	140800	704.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
12	15	10	141500	707.5	DFT-s-OFDM BPSK	1@0	see graph	---
12	15	10	141500	707.5	DFT-s-OFDM BPSK	1@0	see graph	PASS
12	15	10	141500	707.5	DFT-s-OFDM QPSK	1@0	see graph	---
12	15	10	141500	707.5	DFT-s-OFDM QPSK	1@0	see graph	PASS
12	15	10	142200	711.0	DFT-s-OFDM BPSK	1@0	see graph	---
12	15	10	142200	711.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
12	15	10	142200	711.0	DFT-s-OFDM QPSK	1@0	see graph	---
12	15	10	142200	711.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
12	15	15	141300	706.5	DFT-s-OFDM BPSK	1@0	see graph	---
12	15	15	141300	706.5	DFT-s-OFDM BPSK	1@0	see graph	PASS
12	15	15	141300	706.5	DFT-s-OFDM QPSK	1@0	see graph	---
12	15	15	141300	706.5	DFT-s-OFDM QPSK	1@0	see graph	PASS
12	15	15	141500	707.5	DFT-s-OFDM BPSK	1@0	see graph	---
12	15	15	141500	707.5	DFT-s-OFDM BPSK	1@0	see graph	PASS
12	15	15	141500	707.5	DFT-s-OFDM QPSK	1@0	see graph	---
12	15	15	141500	707.5	DFT-s-OFDM QPSK	1@0	see graph	PASS
12	15	15	141700	708.5	DFT-s-OFDM BPSK	1@0	see graph	---
12	15	15	141700	708.5	DFT-s-OFDM BPSK	1@0	see graph	PASS
12	15	15	141700	708.5	DFT-s-OFDM QPSK	1@0	see graph	---
12	15	15	141700	708.5	DFT-s-OFDM QPSK	1@0	see graph	PASS



N12(5M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



N12(5M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH



N12(5M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Mid_CH

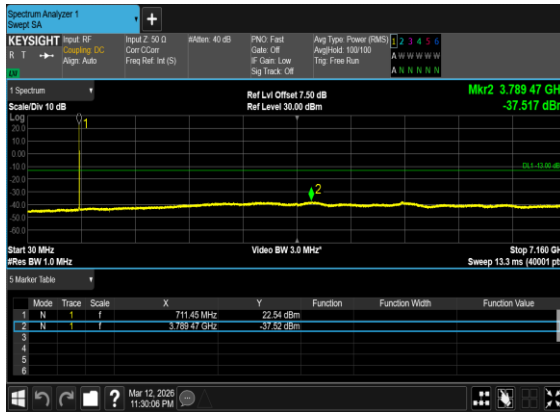


N12(5M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Mid_CH

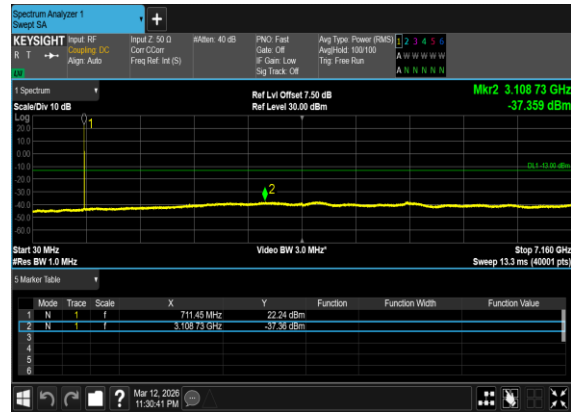




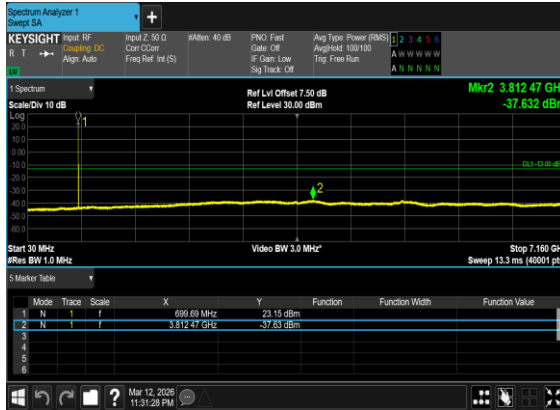
N12(5M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_High_CH



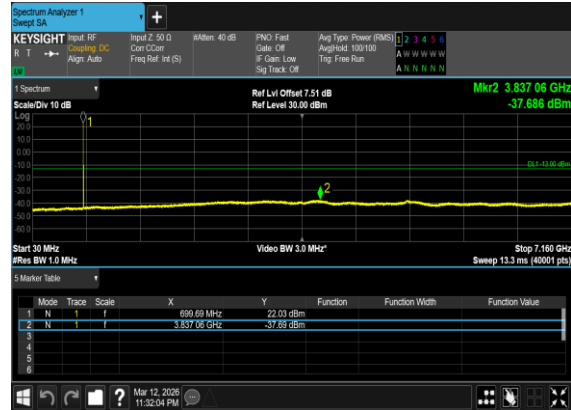
N12(5M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_High_CH



N12(10M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH

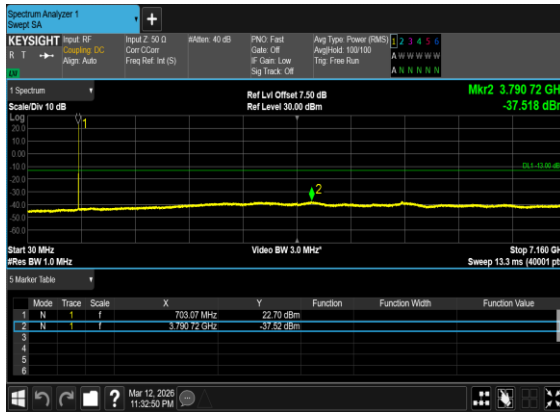


N12(10M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH

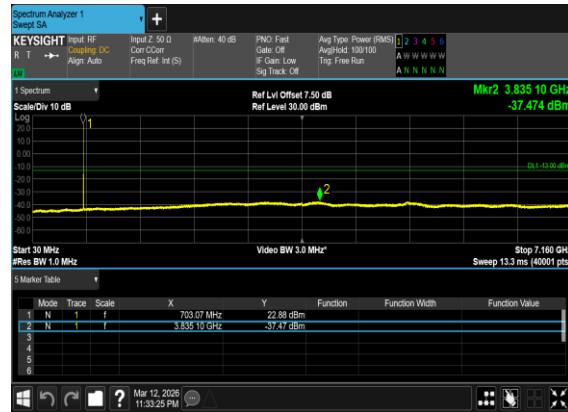




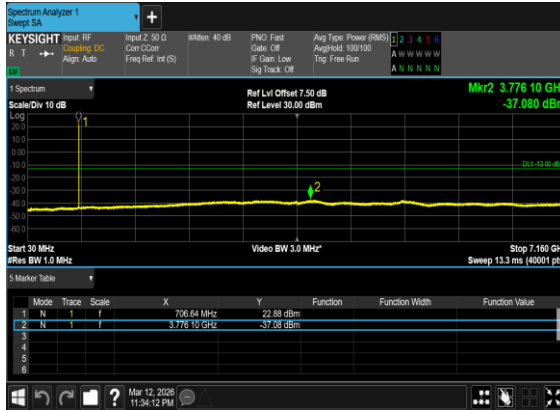
N12(10M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Mid_CH



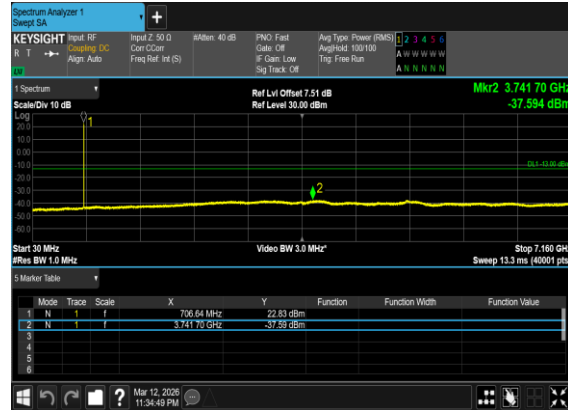
N12(10M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Mid_CH



N12(10M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_High_CH

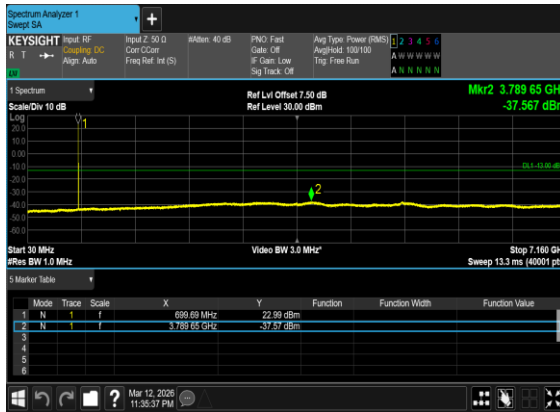


N12(10M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_High_CH

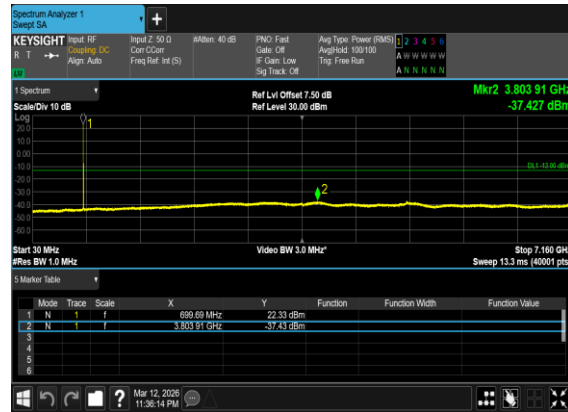




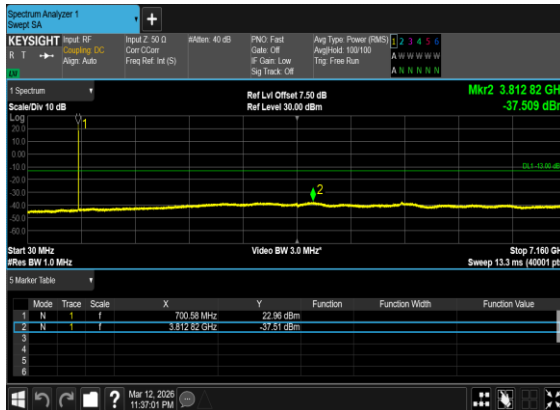
N12(15M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



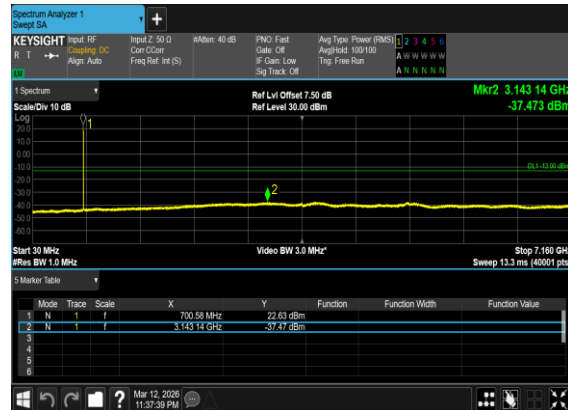
N12(15M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH



N12(15M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Mid_CH

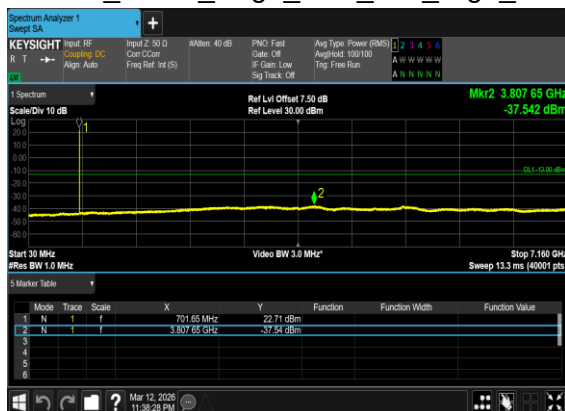


N12(15M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Mid_CH

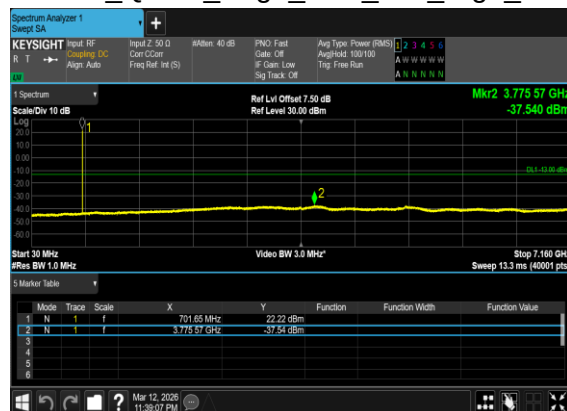




N12(15M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_High_CH



N12(15M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_High_CH

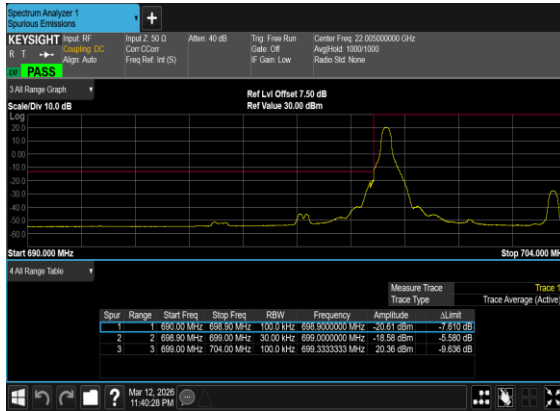


**Conducted Band Edge**

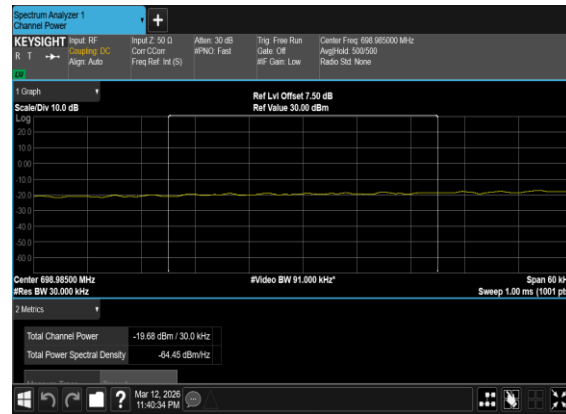
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
12	15	5	140300	701.5	DFT-s-OFDM BPSK	1@0	see graph	PASS
12	15	5	140300	701.5	DFT-s-OFDM QPSK	1@0	see graph	PASS
12	15	5	140300	701.5	DFT-s-OFDM BPSK	25@0	see graph	PASS
12	15	5	140300	701.5	DFT-s-OFDM QPSK	25@0	see graph	PASS
12	15	5	142700	713.5	DFT-s-OFDM BPSK	1@24	see graph	PASS
12	15	5	142700	713.5	DFT-s-OFDM QPSK	1@24	see graph	PASS
12	15	5	142700	713.5	DFT-s-OFDM BPSK	25@0	see graph	PASS
12	15	5	142700	713.5	DFT-s-OFDM QPSK	25@0	see graph	PASS
12	15	10	140800	704.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
12	15	10	140800	704.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
12	15	10	140800	704.0	DFT-s-OFDM BPSK	50@0	see graph	PASS
12	15	10	140800	704.0	DFT-s-OFDM QPSK	50@0	see graph	PASS
12	15	10	142200	711.0	DFT-s-OFDM BPSK	1@51	see graph	PASS
12	15	10	142200	711.0	DFT-s-OFDM QPSK	1@51	see graph	PASS
12	15	10	142200	711.0	DFT-s-OFDM BPSK	50@0	see graph	PASS
12	15	10	142200	711.0	DFT-s-OFDM QPSK	50@0	see graph	PASS
12	15	15	141300	706.5	DFT-s-OFDM BPSK	1@0	see graph	PASS
12	15	15	141300	706.5	DFT-s-OFDM QPSK	1@0	see graph	PASS
12	15	15	141300	706.5	DFT-s-OFDM BPSK	75@0	see graph	PASS
12	15	15	141300	706.5	DFT-s-OFDM QPSK	75@0	see graph	PASS
12	15	15	141700	708.5	DFT-s-OFDM BPSK	1@78	see graph	PASS
12	15	15	141700	708.5	DFT-s-OFDM QPSK	1@78	see graph	PASS
12	15	15	141700	708.5	DFT-s-OFDM BPSK	75@0	see graph	PASS
12	15	15	141700	708.5	DFT-s-OFDM QPSK	75@0	see graph	PASS



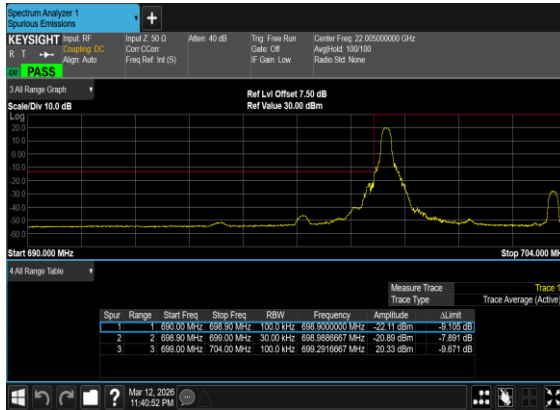
N12(5M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



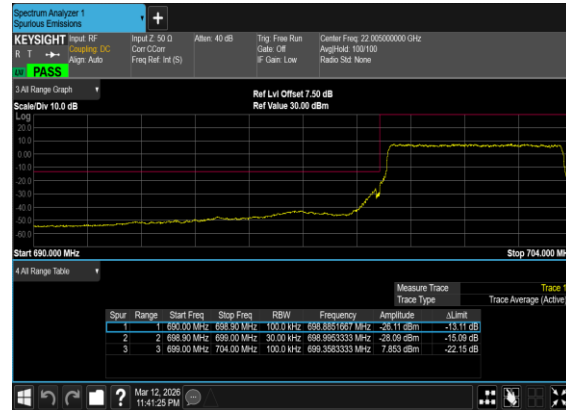
N12(5M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH_CHP_PA
SS



N12(5M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH

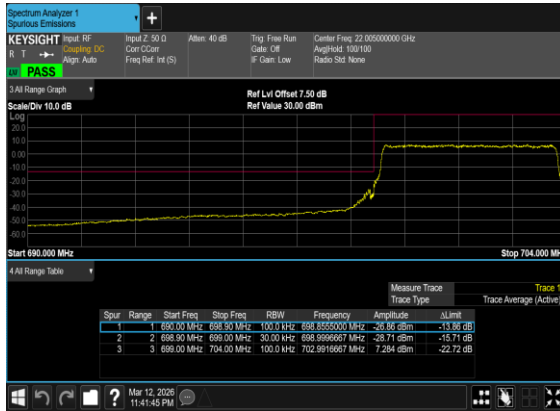


N12(5M)_DFT-s-
OFDM_BPSK_Outer_Full_Low_CH

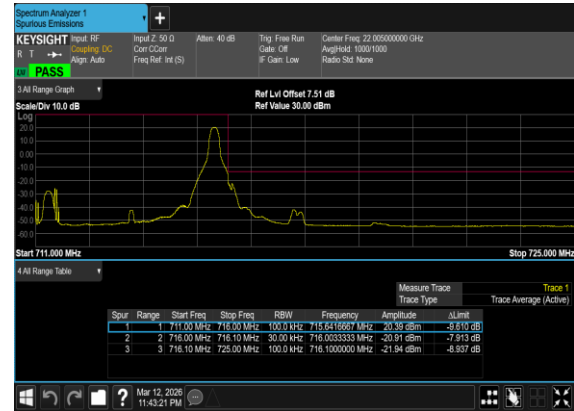




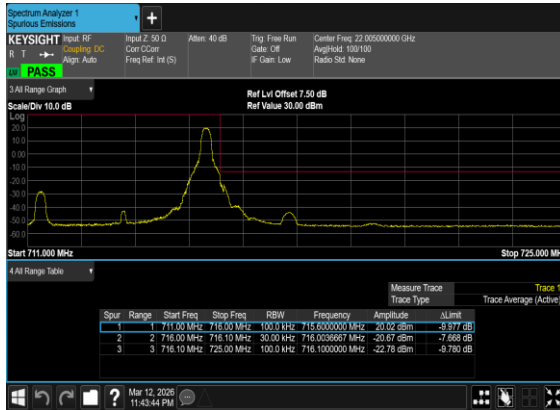
N12(5M)_DFT-s-
OFDM_QPSK_Outer_Full_Low_CH



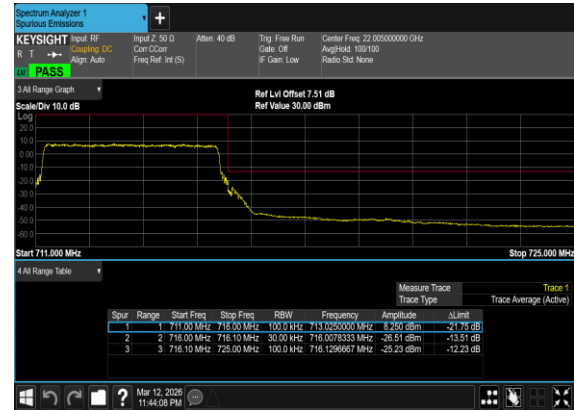
N12(5M)_DFT-s-
OFDM_BPSK_Edge_1RB_Right_High_CH



N12(5M)_DFT-s-
OFDM_QPSK_Edge_1RB_Right_High_CH

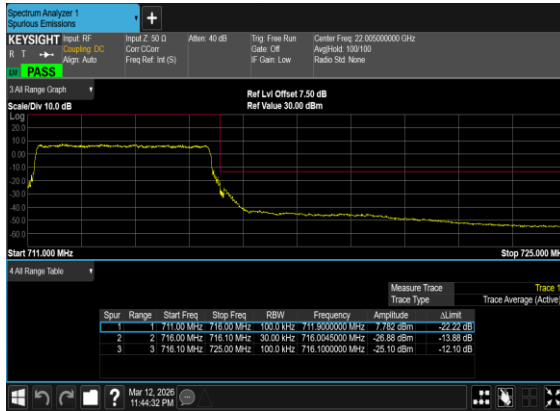


N12(5M)_DFT-s-
OFDM_BPSK_Outer_Full_High_CH

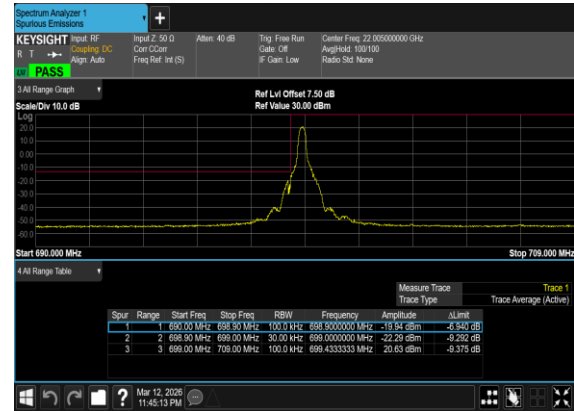




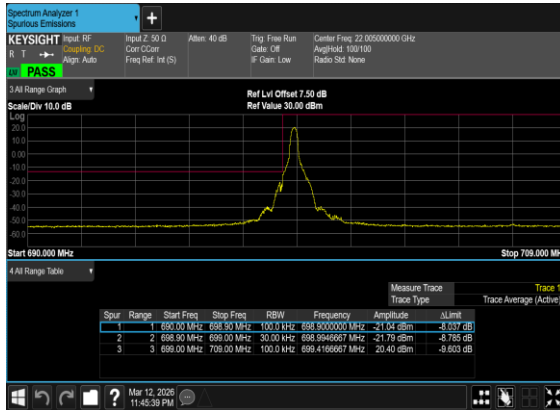
N12(5M)_DFT-s-
OFDM_QPSK_Outer_Full_High_CH



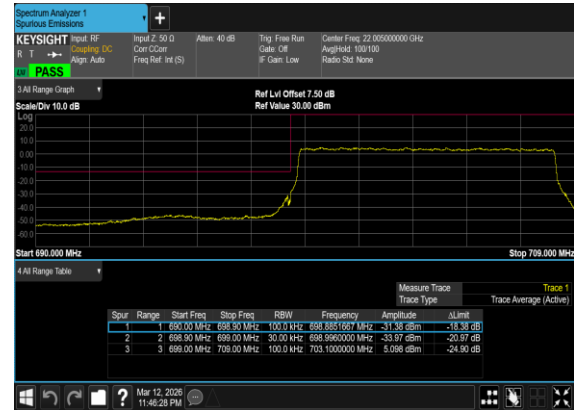
N12(10M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



N12(10M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH

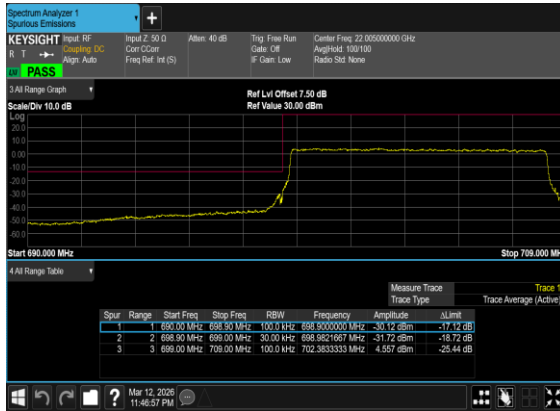


N12(10M)_DFT-s-
OFDM_BPSK_Outer_Full_Low_CH

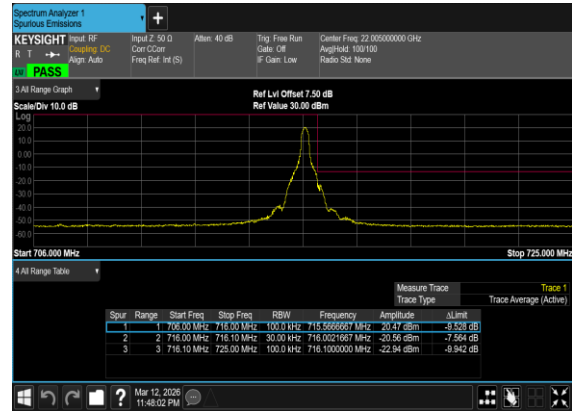




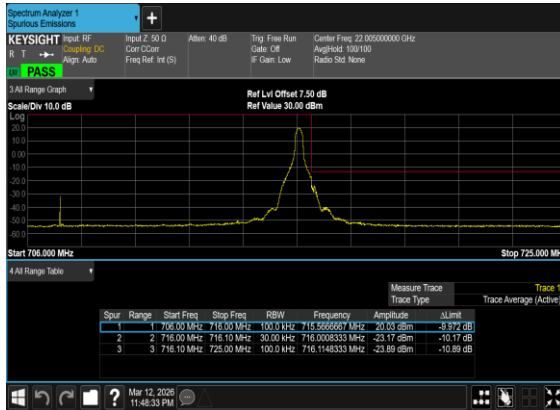
N12(10M)_DFT-s-
OFDM_QPSK_Outer_Full_Low_CH



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

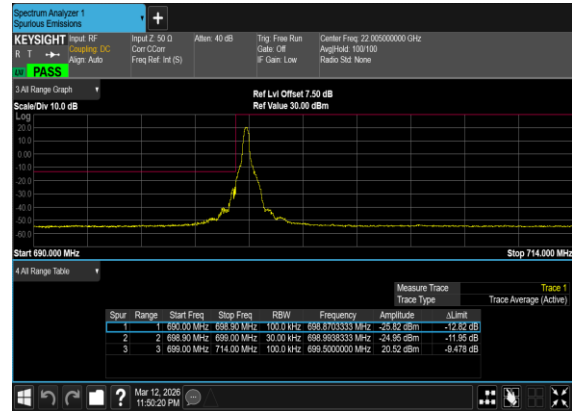




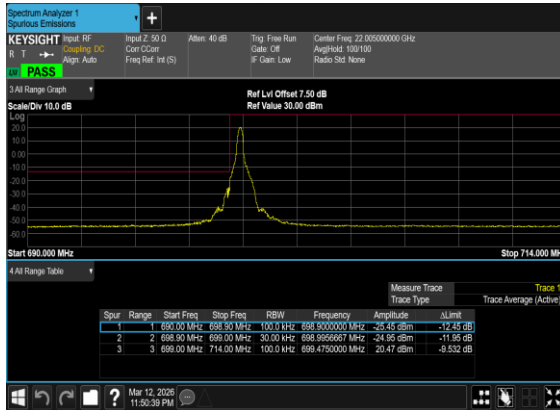
N12(10M)_DFT-s-
OFDM_QPSK_Outer_Full_High_CH



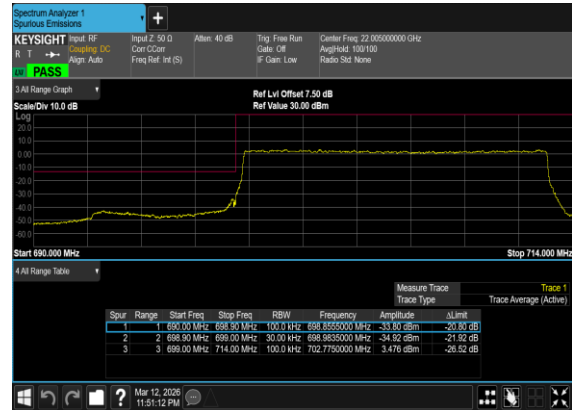
N12(15M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



N12(15M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH

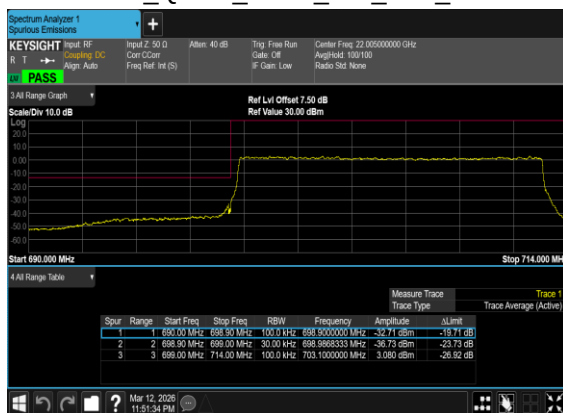


N12(15M)_DFT-s-
OFDM_BPSK_Outer_Full_Low_CH

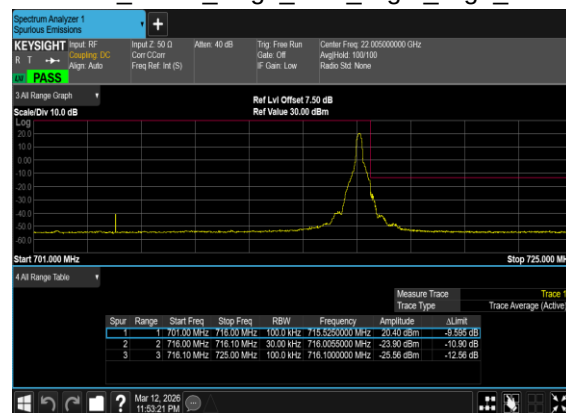




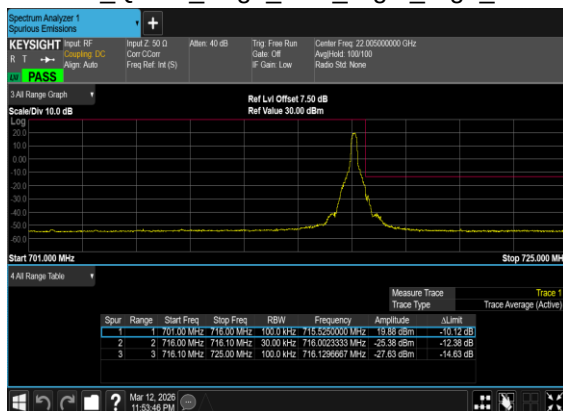
N12(15M)_DFT-s-
OFDM_QPSK_Outer_Full_Low_CH



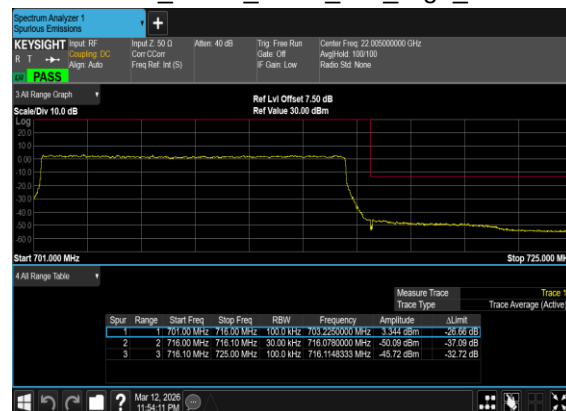
N12(15M)_DFT-s-
OFDM_BPSK_Edge_1RB_Right_High_CH



N12(15M)_DFT-s-
OFDM_QPSK_Edge_1RB_Right_High_CH

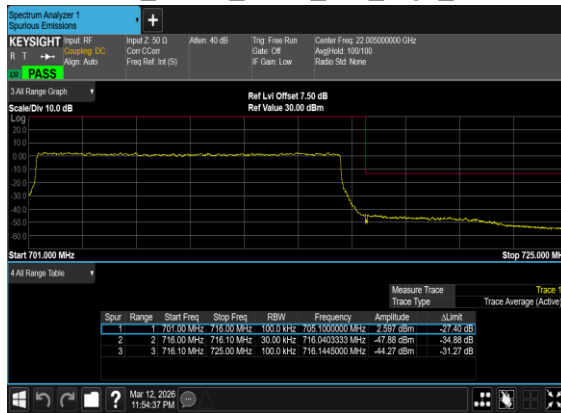


N12(15M)_DFT-s-
OFDM_BPSK_Outer_Full_High_CH





N12(15M)_DFT-s-
OFDM_QPSK_Outer_Full_High_CH





Software Version: 23.06.1602

FR1 N38_ANT2

Transmitter Conducted Output Power And EIRP, (G_T - L_c)= 1.71 dB

NR Band	SCS	BandWidth	Arfcn	Freq(MHz)	Modulation	RB	Conducted Power(dBm)	EIRP(dBm)	EIRP(W)
38	30	20	516000	2580	DFT-s-OFDM QPSK	25@12	21.94	23.65	0.2317
38	30	20	516000	2580	DFT-s-OFDM QPSK	1@1	21.9	23.61	0.2296
38	30	20	516000	2580	DFT-s-OFDM QPSK	1@49	22.07	23.78	0.2388
38	30	20	516000	2580	DFT-s-OFDM 16 QAM	25@12	21.01	22.72	0.1871
38	30	20	516000	2580	DFT-s-OFDM 16 QAM	1@1	21.04	22.75	0.1884
38	30	20	516000	2580	DFT-s-OFDM 16 QAM	1@49	21.16	22.87	0.1936
38	30	20	519000	2595	DFT-s-OFDM QPSK	25@12	21.97	23.68	0.2333
38	30	20	519000	2595	DFT-s-OFDM QPSK	1@1	22.02	23.73	0.2360
38	30	20	519000	2595	DFT-s-OFDM QPSK	1@49	21.93	23.64	0.2312
38	30	20	519000	2595	DFT-s-OFDM 16 QAM	25@12	20.98	22.69	0.1858
38	30	20	519000	2595	DFT-s-OFDM 16 QAM	1@1	21.13	22.84	0.1923
38	30	20	519000	2595	DFT-s-OFDM 16 QAM	1@49	21.06	22.77	0.1892
38	30	20	522000	2610	DFT-s-OFDM QPSK	25@12	21.76	23.47	0.2223
38	30	20	522000	2610	DFT-s-OFDM QPSK	1@1	21.74	23.45	0.2213
38	30	20	522000	2610	DFT-s-OFDM QPSK	1@49	21.76	23.47	0.2223
38	30	20	522000	2610	DFT-s-OFDM 16 QAM	25@12	20.79	22.5	0.1778
38	30	20	522000	2610	DFT-s-OFDM 16 QAM	1@1	20.88	22.59	0.1816
38	30	20	522000	2610	DFT-s-OFDM 16 QAM	1@49	20.88	22.59	0.1816
38	30	30	517000	2585	DFT-s-OFDM QPSK	36@18	21.92	23.63	0.2307
38	30	30	517000	2585	DFT-s-OFDM QPSK	1@1	21.92	23.63	0.2307
38	30	30	517000	2585	DFT-s-OFDM QPSK	1@76	22.02	23.73	0.2360
38	30	30	517000	2585	DFT-s-OFDM 16 QAM	36@18	20.94	22.65	0.1841
38	30	30	517000	2585	DFT-s-OFDM 16 QAM	1@1	21.07	22.78	0.1897
38	30	30	517000	2585	DFT-s-OFDM 16 QAM	1@76	21.22	22.93	0.1963
38	30	30	519000	2595	DFT-s-OFDM QPSK	36@18	21.89	23.6	0.2291
38	30	30	519000	2595	DFT-s-OFDM QPSK	1@1	21.89	23.6	0.2291
38	30	30	519000	2595	DFT-s-OFDM QPSK	1@76	21.96	23.67	0.2328
38	30	30	519000	2595	DFT-s-OFDM 16 QAM	36@18	20.91	22.62	0.1828
38	30	30	519000	2595	DFT-s-OFDM 16 QAM	1@1	21.1	22.81	0.1910
38	30	30	519000	2595	DFT-s-OFDM 16 QAM	1@76	21.12	22.83	0.1919
38	30	30	521000	2605	DFT-s-OFDM QPSK	36@18	21.79	23.5	0.2239
38	30	30	521000	2605	DFT-s-OFDM QPSK	1@1	21.87	23.58	0.2280
38	30	30	521000	2605	DFT-s-OFDM QPSK	1@76	21.88	23.59	0.2286
38	30	30	521000	2605	DFT-s-OFDM 16 QAM	36@18	20.79	22.5	0.1778
38	30	30	521000	2605	DFT-s-OFDM 16 QAM	1@1	21.04	22.75	0.1884



38	30	30	521000	2605	DFT-s-OFDM 16 QAM	1@76	21.08	22.79	0.1901
38	30	40	518000	2590	DFT-s-OFDM PI/2 BPSK	50@25	21.83	23.54	0.2259
38	30	40	518000	2590	DFT-s-OFDM PI/2 BPSK	1@1	21.83	23.54	0.2259
38	30	40	518000	2590	DFT-s-OFDM PI/2 BPSK	1@104	21.89	23.6	0.2291
38	30	40	518000	2590	DFT-s-OFDM QPSK	50@25	21.82	23.53	0.2254
38	30	40	518000	2590	DFT-s-OFDM QPSK	1@1	21.82	23.53	0.2254
38	30	40	518000	2590	DFT-s-OFDM QPSK	1@104	21.81	23.52	0.2249
38	30	40	518000	2590	DFT-s-OFDM 16 QAM	50@25	20.87	22.58	0.1811
38	30	40	518000	2590	DFT-s-OFDM 16 QAM	1@1	20.97	22.68	0.1854
38	30	40	518000	2590	DFT-s-OFDM 16 QAM	1@104	21.03	22.74	0.1879
38	30	40	518000	2590	DFT-s-OFDM 64 QAM	50@25	19.31	21.02	0.1265
38	30	40	518000	2590	DFT-s-OFDM 64 QAM	1@1	19.31	21.02	0.1265
38	30	40	518000	2590	DFT-s-OFDM 64 QAM	1@104	19.39	21.1	0.1288
38	30	40	518000	2590	DFT-s-OFDM 256 QAM	50@25	17.31	19.02	0.0798
38	30	40	518000	2590	DFT-s-OFDM 256 QAM	1@1	17.17	18.88	0.0773
38	30	40	518000	2590	DFT-s-OFDM 256 QAM	1@104	17.21	18.92	0.0780
38	30	40	518000	2590	CP-OFDM QPSK	53@26	20.32	22.03	0.1596
38	30	40	518000	2590	CP-OFDM QPSK	1@1	20.29	22	0.1585
38	30	40	518000	2590	CP-OFDM QPSK	1@104	20.24	21.95	0.1567
38	30	40	519000	2595	DFT-s-OFDM PI/2 BPSK	50@25	21.88	23.59	0.2286
38	30	40	519000	2595	DFT-s-OFDM PI/2 BPSK	1@1	21.86	23.57	0.2275
38	30	40	519000	2595	DFT-s-OFDM PI/2 BPSK	1@104	22.11	23.82	0.2410
38	30	40	519000	2595	DFT-s-OFDM QPSK	50@25	21.88	23.59	0.2286
38	30	40	519000	2595	DFT-s-OFDM QPSK	1@1	21.89	23.6	0.2291
38	30	40	519000	2595	DFT-s-OFDM QPSK	1@104	21.86	23.57	0.2275
38	30	40	519000	2595	DFT-s-OFDM 16 QAM	50@25	20.85	22.56	0.1803
38	30	40	519000	2595	DFT-s-OFDM 16 QAM	1@1	20.89	22.6	0.1820
38	30	40	519000	2595	DFT-s-OFDM 16 QAM	1@104	21.04	22.75	0.1884
38	30	40	519000	2595	DFT-s-OFDM 64 QAM	50@25	19.36	21.07	0.1279
38	30	40	519000	2595	DFT-s-OFDM 64 QAM	1@1	19.26	20.97	0.1250
38	30	40	519000	2595	DFT-s-OFDM 64 QAM	1@104	19.43	21.14	0.1300
38	30	40	519000	2595	DFT-s-OFDM 256 QAM	50@25	17.32	19.03	0.0800
38	30	40	519000	2595	DFT-s-OFDM 256 QAM	1@1	17.22	18.93	0.0782
38	30	40	519000	2595	DFT-s-OFDM 256 QAM	1@104	17.22	18.93	0.0782
38	30	40	519000	2595	CP-OFDM QPSK	53@26	20.42	22.13	0.1633
38	30	40	519000	2595	CP-OFDM QPSK	1@1	20.25	21.96	0.1570
38	30	40	519000	2595	CP-OFDM QPSK	1@104	20.31	22.02	0.1592
38	30	40	520000	2600	DFT-s-OFDM PI/2 BPSK	50@25	21.91	23.62	0.2301
38	30	40	520000	2600	DFT-s-OFDM PI/2 BPSK	1@1	21.9	23.61	0.2296
38	30	40	520000	2600	DFT-s-OFDM PI/2 BPSK	1@104	21.86	23.57	0.2275
38	30	40	520000	2600	DFT-s-OFDM QPSK	50@25	21.88	23.59	0.2286
38	30	40	520000	2600	DFT-s-OFDM QPSK	1@1	21.85	23.56	0.2270



38	30	40	520000	2600	DFT-s-OFDM QPSK	1@104	21.81	23.52	0.2249
38	30	40	520000	2600	DFT-s-OFDM 16 QAM	50@25	20.85	22.56	0.1803
38	30	40	520000	2600	DFT-s-OFDM 16 QAM	1@1	21.03	22.74	0.1879
38	30	40	520000	2600	DFT-s-OFDM 16 QAM	1@104	21.04	22.75	0.1884
38	30	40	520000	2600	DFT-s-OFDM 64 QAM	50@25	19.38	21.09	0.1285
38	30	40	520000	2600	DFT-s-OFDM 64 QAM	1@1	19.33	21.04	0.1271
38	30	40	520000	2600	DFT-s-OFDM 64 QAM	1@104	19.37	21.08	0.1282
38	30	40	520000	2600	DFT-s-OFDM 256 QAM	50@25	17.29	19	0.0794
38	30	40	520000	2600	DFT-s-OFDM 256 QAM	1@1	17.22	18.93	0.0782
38	30	40	520000	2600	DFT-s-OFDM 256 QAM	1@104	17.22	18.93	0.0782
38	30	40	520000	2600	CP-OFDM QPSK	53@26	20.38	22.09	0.1618
38	30	40	520000	2600	CP-OFDM QPSK	1@1	20.25	21.96	0.1570
38	30	40	520000	2600	CP-OFDM QPSK	1@104	20.24	21.95	0.1567



Software Version: 23.06.1602

FR1 N41_ANT2

Transmitter Conducted Output Power And EIRP, ($G_T - L_c$)= 1.71 dB

NR Band	SCS	BandWidth	Arfcn	Freq(MHz)	Modulation	RB	Conducted Power(dBm)	EIRP(dBm)	EIRP(W)
41	30	20	501204	2506.02	DFT-s-OFDM QPSK	25@12	24.22	25.93	0.3917
41	30	20	501204	2506.02	DFT-s-OFDM QPSK	1@1	24.06	25.77	0.3776
41	30	20	501204	2506.02	DFT-s-OFDM QPSK	1@49	24.31	26.02	0.3999
41	30	20	501204	2506.02	DFT-s-OFDM 16 QAM	25@12	23.18	24.89	0.3083
41	30	20	501204	2506.02	DFT-s-OFDM 16 QAM	1@1	23.22	24.93	0.3112
41	30	20	501204	2506.02	DFT-s-OFDM 16 QAM	1@49	23.44	25.15	0.3273
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	25@12	24.38	26.09	0.4064
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	1@1	24.37	26.08	0.4055
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	1@49	24.43	26.14	0.4111
41	30	20	518598	2592.99	DFT-s-OFDM 16 QAM	25@12	23.44	25.15	0.3273
41	30	20	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	23.48	25.19	0.3304
41	30	20	518598	2592.99	DFT-s-OFDM 16 QAM	1@49	23.56	25.27	0.3365
41	30	20	535998	2679.99	DFT-s-OFDM QPSK	25@12	24.41	26.12	0.4093
41	30	20	535998	2679.99	DFT-s-OFDM QPSK	1@1	24.31	26.02	0.3999
41	30	20	535998	2679.99	DFT-s-OFDM QPSK	1@49	24.51	26.22	0.4188
41	30	20	535998	2679.99	DFT-s-OFDM 16 QAM	25@12	23.47	25.18	0.3296
41	30	20	535998	2679.99	DFT-s-OFDM 16 QAM	1@1	23.44	25.15	0.3273
41	30	20	535998	2679.99	DFT-s-OFDM 16 QAM	1@49	23.65	25.36	0.3436
41	30	30	502200	2511	DFT-s-OFDM QPSK	36@18	24.22	25.93	0.3917
41	30	30	502200	2511	DFT-s-OFDM QPSK	1@1	24.18	25.89	0.3882
41	30	30	502200	2511	DFT-s-OFDM QPSK	1@76	24.42	26.13	0.4102
41	30	30	502200	2511	DFT-s-OFDM 16 QAM	36@18	23.3	25.01	0.3170
41	30	30	502200	2511	DFT-s-OFDM 16 QAM	1@1	23.29	25	0.3162
41	30	30	502200	2511	DFT-s-OFDM 16 QAM	1@76	23.51	25.22	0.3327
41	30	30	518598	2592.99	DFT-s-OFDM QPSK	36@18	24.32	26.03	0.4009
41	30	30	518598	2592.99	DFT-s-OFDM QPSK	1@1	24.29	26	0.3981
41	30	30	518598	2592.99	DFT-s-OFDM QPSK	1@76	24.4	26.11	0.4083
41	30	30	518598	2592.99	DFT-s-OFDM 16 QAM	36@18	23.34	25.05	0.3199
41	30	30	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	23.46	25.17	0.3289
41	30	30	518598	2592.99	DFT-s-OFDM 16 QAM	1@76	23.57	25.28	0.3373
41	30	30	534996	2674.98	DFT-s-OFDM QPSK	36@18	24.46	26.17	0.4140
41	30	30	534996	2674.98	DFT-s-OFDM QPSK	1@1	24.48	26.19	0.4159
41	30	30	534996	2674.98	DFT-s-OFDM QPSK	1@76	24.41	26.12	0.4093
41	30	30	534996	2674.98	DFT-s-OFDM 16 QAM	36@18	23.4	25.11	0.3243
41	30	30	534996	2674.98	DFT-s-OFDM 16 QAM	1@1	23.63	25.34	0.3420



41	30	30	534996	2674.98	DFT-s-OFDM 16 QAM	1@76	23.79	25.5	0.3548
41	30	40	503202	2516.01	DFT-s-OFDM QPSK	50@25	24.07	25.78	0.3784
41	30	40	503202	2516.01	DFT-s-OFDM QPSK	1@1	24.09	25.8	0.3802
41	30	40	503202	2516.01	DFT-s-OFDM QPSK	1@104	24.44	26.15	0.4121
41	30	40	503202	2516.01	DFT-s-OFDM 16 QAM	50@25	23.18	24.89	0.3083
41	30	40	503202	2516.01	DFT-s-OFDM 16 QAM	1@1	23.23	24.94	0.3119
41	30	40	503202	2516.01	DFT-s-OFDM 16 QAM	1@104	23.45	25.16	0.3281
41	30	40	518598	2592.99	DFT-s-OFDM QPSK	50@25	23.71	25.42	0.3483
41	30	40	518598	2592.99	DFT-s-OFDM QPSK	1@1	24.41	26.12	0.4093
41	30	40	518598	2592.99	DFT-s-OFDM QPSK	1@104	24.48	26.19	0.4159
41	30	40	518598	2592.99	DFT-s-OFDM 16 QAM	50@25	23.18	24.89	0.3083
41	30	40	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	23.49	25.2	0.3311
41	30	40	518598	2592.99	DFT-s-OFDM 16 QAM	1@104	23.62	25.33	0.3412
41	30	40	534000	2670	DFT-s-OFDM QPSK	50@25	22.67	24.38	0.2742
41	30	40	534000	2670	DFT-s-OFDM QPSK	1@1	24.35	26.06	0.4036
41	30	40	534000	2670	DFT-s-OFDM QPSK	1@104	24.46	26.17	0.4140
41	30	40	534000	2670	DFT-s-OFDM 16 QAM	50@25	23.24	24.95	0.3126
41	30	40	534000	2670	DFT-s-OFDM 16 QAM	1@1	23.5	25.21	0.3319
41	30	40	534000	2670	DFT-s-OFDM 16 QAM	1@104	23.57	25.28	0.3373
41	30	50	504204	2521.02	DFT-s-OFDM QPSK	64@32	24.14	25.85	0.3846
41	30	50	504204	2521.02	DFT-s-OFDM QPSK	1@1	23.99	25.7	0.3715
41	30	50	504204	2521.02	DFT-s-OFDM QPSK	1@131	24.21	25.92	0.3908
41	30	50	504204	2521.02	DFT-s-OFDM 16 QAM	64@32	23.2	24.91	0.3097
41	30	50	504204	2521.02	DFT-s-OFDM 16 QAM	1@1	23.11	24.82	0.3034
41	30	50	504204	2521.02	DFT-s-OFDM 16 QAM	1@131	22.62	24.33	0.2710
41	30	50	518598	2592.99	DFT-s-OFDM QPSK	64@32	24.15	25.86	0.3855
41	30	50	518598	2592.99	DFT-s-OFDM QPSK	1@1	24.17	25.88	0.3873
41	30	50	518598	2592.99	DFT-s-OFDM QPSK	1@131	24.27	25.98	0.3963
41	30	50	518598	2592.99	DFT-s-OFDM 16 QAM	64@32	23.09	24.8	0.3020
41	30	50	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	23.26	24.97	0.3141
41	30	50	518598	2592.99	DFT-s-OFDM 16 QAM	1@131	23.42	25.13	0.3258
41	30	50	532998	2664.99	DFT-s-OFDM QPSK	64@32	24.25	25.96	0.3945
41	30	50	532998	2664.99	DFT-s-OFDM QPSK	1@1	24.31	26.02	0.3999
41	30	50	532998	2664.99	DFT-s-OFDM QPSK	1@131	18.9	20.61	0.1151
41	30	50	532998	2664.99	DFT-s-OFDM 16 QAM	64@32	23.43	25.14	0.3266
41	30	50	532998	2664.99	DFT-s-OFDM 16 QAM	1@1	23.49	25.2	0.3311
41	30	50	532998	2664.99	DFT-s-OFDM 16 QAM	1@131	23.43	25.14	0.3266
41	30	60	505200	2526	DFT-s-OFDM QPSK	81@40	23.99	25.7	0.3715
41	30	60	505200	2526	DFT-s-OFDM QPSK	1@1	23.88	25.59	0.3622
41	30	60	505200	2526	DFT-s-OFDM QPSK	1@160	24.08	25.79	0.3793
41	30	60	505200	2526	DFT-s-OFDM 16 QAM	81@40	23.06	24.77	0.2999
41	30	60	505200	2526	DFT-s-OFDM 16 QAM	1@1	23.14	24.85	0.3055



41	30	60	505200	2526	DFT-s-OFDM 16 QAM	1@160	23.32	25.03	0.3184
41	30	60	518598	2592.99	DFT-s-OFDM QPSK	81@40	24.19	25.9	0.3890
41	30	60	518598	2592.99	DFT-s-OFDM QPSK	1@1	24.3	26.01	0.3990
41	30	60	518598	2592.99	DFT-s-OFDM QPSK	1@160	24.26	25.97	0.3954
41	30	60	518598	2592.99	DFT-s-OFDM 16 QAM	81@40	23.27	24.98	0.3148
41	30	60	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	23.47	25.18	0.3296
41	30	60	518598	2592.99	DFT-s-OFDM 16 QAM	1@160	23.4	25.11	0.3243
41	30	60	531996	2659.98	DFT-s-OFDM QPSK	81@40	24.23	25.94	0.3926
41	30	60	531996	2659.98	DFT-s-OFDM QPSK	1@1	24.2	25.91	0.3899
41	30	60	531996	2659.98	DFT-s-OFDM QPSK	1@160	24.28	25.99	0.3972
41	30	60	531996	2659.98	DFT-s-OFDM 16 QAM	81@40	23.23	24.94	0.3119
41	30	60	531996	2659.98	DFT-s-OFDM 16 QAM	1@1	23.4	25.11	0.3243
41	30	60	531996	2659.98	DFT-s-OFDM 16 QAM	1@160	23.39	25.1	0.3236
41	30	70	505200	2531.01	DFT-s-OFDM QPSK	90@45	24.05	25.76	0.3767
41	30	70	505200	2531.01	DFT-s-OFDM QPSK	1@1	23.86	25.57	0.3606
41	30	70	505200	2531.01	DFT-s-OFDM QPSK	1@187	24.1	25.81	0.3811
41	30	70	505200	2531.01	DFT-s-OFDM 16 QAM	90@45	23.14	24.85	0.3055
41	30	70	505200	2531.01	DFT-s-OFDM 16 QAM	1@1	23.05	24.76	0.2992
41	30	70	505200	2531.01	DFT-s-OFDM 16 QAM	1@187	23.23	24.94	0.3119
41	30	70	518598	2592.99	DFT-s-OFDM QPSK	90@45	23.21	24.92	0.3105
41	30	70	518598	2592.99	DFT-s-OFDM QPSK	1@1	24.25	25.96	0.3945
41	30	70	518598	2592.99	DFT-s-OFDM QPSK	1@187	24.12	25.83	0.3828
41	30	70	518598	2592.99	DFT-s-OFDM 16 QAM	90@45	23.22	24.93	0.3112
41	30	70	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	23.44	25.15	0.3273
41	30	70	518598	2592.99	DFT-s-OFDM 16 QAM	1@187	23.33	25.04	0.3192
41	30	70	531996	2655	DFT-s-OFDM QPSK	90@45	24.11	25.82	0.3819
41	30	70	531996	2655	DFT-s-OFDM QPSK	1@1	24.2	25.91	0.3899
41	30	70	531996	2655	DFT-s-OFDM QPSK	1@187	24.17	25.88	0.3873
41	30	70	531996	2655	DFT-s-OFDM 16 QAM	90@45	23.16	24.87	0.3069
41	30	70	531996	2655	DFT-s-OFDM 16 QAM	1@1	23.32	25.03	0.3184
41	30	70	531996	2655	DFT-s-OFDM 16 QAM	1@187	23.32	25.03	0.3184
41	30	80	507204	2536.02	DFT-s-OFDM QPSK	108@54	24.01	25.72	0.3733
41	30	80	507204	2536.02	DFT-s-OFDM QPSK	1@1	23.78	25.49	0.3540
41	30	80	507204	2536.02	DFT-s-OFDM QPSK	1@215	24.14	25.85	0.3846
41	30	80	507204	2536.02	DFT-s-OFDM 16 QAM	108@54	23.11	24.82	0.3034
41	30	80	507204	2536.02	DFT-s-OFDM 16 QAM	1@1	23.02	24.73	0.2972
41	30	80	507204	2536.02	DFT-s-OFDM 16 QAM	1@215	23.25	24.96	0.3133
41	30	80	518598	2592.99	DFT-s-OFDM QPSK	108@54	24.19	25.9	0.3890
41	30	80	518598	2592.99	DFT-s-OFDM QPSK	1@1	24.1	25.81	0.3811
41	30	80	518598	2592.99	DFT-s-OFDM QPSK	1@215	24.18	25.89	0.3882
41	30	80	518598	2592.99	DFT-s-OFDM 16 QAM	108@54	23.22	24.93	0.3112
41	30	80	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	22.91	24.62	0.2897



41	30	80	518598	2592.99	DFT-s-OFDM 16 QAM	1@215	23.33	25.04	0.3192
41	30	80	529998	2649.99	DFT-s-OFDM QPSK	108@54	23.06	24.77	0.2999
41	30	80	529998	2649.99	DFT-s-OFDM QPSK	1@1	24.09	25.8	0.3802
41	30	80	529998	2649.99	DFT-s-OFDM QPSK	1@215	24.14	25.85	0.3846
41	30	80	529998	2649.99	DFT-s-OFDM 16 QAM	108@54	23.15	24.86	0.3062
41	30	80	529998	2649.99	DFT-s-OFDM 16 QAM	1@1	23.26	24.97	0.3141
41	30	80	529998	2649.99	DFT-s-OFDM 16 QAM	1@215	23.32	25.03	0.3184
41	30	90	508200	2541	DFT-s-OFDM QPSK	120@60	24.06	25.77	0.3776
41	30	90	508200	2541	DFT-s-OFDM QPSK	1@1	23.72	25.43	0.3491
41	30	90	508200	2541	DFT-s-OFDM QPSK	1@243	24.04	25.75	0.3758
41	30	90	508200	2541	DFT-s-OFDM 16 QAM	120@60	21.14	22.85	0.1928
41	30	90	508200	2541	DFT-s-OFDM 16 QAM	1@1	22.78	24.49	0.2812
41	30	90	508200	2541	DFT-s-OFDM 16 QAM	1@243	23.18	24.89	0.3083
41	30	90	518598	2592.99	DFT-s-OFDM QPSK	120@60	24.03	25.74	0.3750
41	30	90	518598	2592.99	DFT-s-OFDM QPSK	1@1	23.96	25.67	0.3690
41	30	90	518598	2592.99	DFT-s-OFDM QPSK	1@243	24.08	25.79	0.3793
41	30	90	518598	2592.99	DFT-s-OFDM 16 QAM	120@60	23.15	24.86	0.3062
41	30	90	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	23.12	24.83	0.3041
41	30	90	518598	2592.99	DFT-s-OFDM 16 QAM	1@243	23.27	24.98	0.3148
41	30	90	528996	2644.98	DFT-s-OFDM QPSK	120@60	24.27	25.98	0.3963
41	30	90	528996	2644.98	DFT-s-OFDM QPSK	1@1	24.12	25.83	0.3828
41	30	90	528996	2644.98	DFT-s-OFDM QPSK	1@243	24.21	25.92	0.3908
41	30	90	528996	2644.98	DFT-s-OFDM 16 QAM	120@60	23.26	24.97	0.3141
41	30	90	528996	2644.98	DFT-s-OFDM 16 QAM	1@1	23.27	24.98	0.3148
41	30	90	528996	2644.98	DFT-s-OFDM 16 QAM	1@243	23.44	25.15	0.3273
41	30	100	509202	2546.01	DFT-s-OFDM PI/2 BPSK	135@67	24.38	26.09	0.4064
41	30	100	509202	2546.01	DFT-s-OFDM PI/2 BPSK	1@1	24.14	25.85	0.3846
41	30	100	509202	2546.01	DFT-s-OFDM PI/2 BPSK	1@271	24.38	26.09	0.4064
41	30	100	509202	2546.01	DFT-s-OFDM QPSK	135@67	22.62	24.33	0.2710
41	30	100	509202	2546.01	DFT-s-OFDM QPSK	1@1	24.09	25.8	0.3802
41	30	100	509202	2546.01	DFT-s-OFDM QPSK	1@271	24.43	26.14	0.4111
41	30	100	509202	2546.01	DFT-s-OFDM 16 QAM	135@67	23.37	25.08	0.3221
41	30	100	509202	2546.01	DFT-s-OFDM 16 QAM	1@1	23.17	24.88	0.3076
41	30	100	509202	2546.01	DFT-s-OFDM 16 QAM	1@271	23.57	25.28	0.3373
41	30	100	509202	2546.01	DFT-s-OFDM 64 QAM	135@67	21.5	23.21	0.2094
41	30	100	509202	2546.01	DFT-s-OFDM 64 QAM	1@1	21.73	23.44	0.2208
41	30	100	509202	2546.01	DFT-s-OFDM 64 QAM	1@271	22.03	23.74	0.2366
41	30	100	509202	2546.01	DFT-s-OFDM 256 QAM	135@67	19.76	21.47	0.1403
41	30	100	509202	2546.01	DFT-s-OFDM 256 QAM	1@1	19.56	21.27	0.1340
41	30	100	509202	2546.01	DFT-s-OFDM 256 QAM	1@271	19.76	21.47	0.1403
41	30	100	509202	2546.01	CP-OFDM QPSK	137@68	22.92	24.63	0.2904
41	30	100	509202	2546.01	CP-OFDM QPSK	1@1	22.59	24.3	0.2692



41	30	100	509202	2546.01	CP-OFDM QPSK	1@271	22.96	24.67	0.2931
41	30	100	518598	2592.99	DFT-s-OFDM PI/2 BPSK	135@67	24.51	26.22	0.4188
41	30	100	518598	2592.99	DFT-s-OFDM PI/2 BPSK	1@1	24.43	26.14	0.4111
41	30	100	518598	2592.99	DFT-s-OFDM PI/2 BPSK	1@271	24.38	26.09	0.4064
41	30	100	518598	2592.99	DFT-s-OFDM QPSK	135@67	24.56	26.27	0.4236
41	30	100	518598	2592.99	DFT-s-OFDM QPSK	1@1	24.47	26.18	0.4150
41	30	100	518598	2592.99	DFT-s-OFDM QPSK	1@271	24.42	26.13	0.4102
41	30	100	518598	2592.99	DFT-s-OFDM 16 QAM	135@67	23.54	25.25	0.3350
41	30	100	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	23.52	25.23	0.3334
41	30	100	518598	2592.99	DFT-s-OFDM 16 QAM	1@271	23.44	25.15	0.3273
41	30	100	518598	2592.99	DFT-s-OFDM 64 QAM	135@67	22	23.71	0.2350
41	30	100	518598	2592.99	DFT-s-OFDM 64 QAM	1@1	21.91	23.62	0.2301
41	30	100	518598	2592.99	DFT-s-OFDM 64 QAM	1@271	21.82	23.53	0.2254
41	30	100	518598	2592.99	DFT-s-OFDM 256 QAM	135@67	19.95	21.66	0.1466
41	30	100	518598	2592.99	DFT-s-OFDM 256 QAM	1@1	19.64	21.35	0.1365
41	30	100	518598	2592.99	DFT-s-OFDM 256 QAM	1@271	19.74	21.45	0.1396
41	30	100	518598	2592.99	CP-OFDM QPSK	137@68	21.57	23.28	0.2128
41	30	100	518598	2592.99	CP-OFDM QPSK	1@1	22.86	24.57	0.2864
41	30	100	518598	2592.99	CP-OFDM QPSK	1@271	21.36	23.07	0.2028
41	30	100	528000	2640	DFT-s-OFDM PI/2 BPSK	135@67	24.45	26.16	0.4130
41	30	100	528000	2640	DFT-s-OFDM PI/2 BPSK	1@1	24.24	25.95	0.3936
41	30	100	528000	2640	DFT-s-OFDM PI/2 BPSK	1@271	24.5	26.21	0.4178
41	30	100	528000	2640	DFT-s-OFDM QPSK	135@67	24.45	26.16	0.4130
41	30	100	528000	2640	DFT-s-OFDM QPSK	1@1	24.27	25.98	0.3963
41	30	100	528000	2640	DFT-s-OFDM QPSK	1@271	24.44	26.15	0.4121
41	30	100	528000	2640	DFT-s-OFDM 16 QAM	135@67	23.52	25.23	0.3334
41	30	100	528000	2640	DFT-s-OFDM 16 QAM	1@1	23.3	25.01	0.3170
41	30	100	528000	2640	DFT-s-OFDM 16 QAM	1@271	23.54	25.25	0.3350
41	30	100	528000	2640	DFT-s-OFDM 64 QAM	135@67	22.03	23.74	0.2366
41	30	100	528000	2640	DFT-s-OFDM 64 QAM	1@1	21.78	23.49	0.2234
41	30	100	528000	2640	DFT-s-OFDM 64 QAM	1@271	22.01	23.72	0.2355
41	30	100	528000	2640	DFT-s-OFDM 256 QAM	135@67	19.93	21.64	0.1459
41	30	100	528000	2640	DFT-s-OFDM 256 QAM	1@1	19.59	21.3	0.1349
41	30	100	528000	2640	DFT-s-OFDM 256 QAM	1@271	19.83	21.54	0.1426
41	30	100	528000	2640	CP-OFDM QPSK	137@68	22.76	24.47	0.2799
41	30	100	528000	2640	CP-OFDM QPSK	1@1	22.85	24.56	0.2858
41	30	100	528000	2640	CP-OFDM QPSK	1@271	21.51	23.22	0.2099



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	13.2	PASS	NV
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	16.6	PASS	LV
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	13.1	PASS	HV
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	12.7	PASS	-30℃
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	16.3	PASS	-20℃
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	11.4	PASS	-10℃
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	17.6	PASS	0℃
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	19.3	PASS	10℃
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	13.2	PASS	20℃
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	13.3	PASS	30℃
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	17.4	PASS	40℃
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	17.7	PASS	50℃

|MAX(Δf)| = 19.3 Hz

Frequency Stability	Frequency (MHz)	Limit Line	Result
$f_L - \text{MAX}(\Delta f) $	2496.869181	$\geq 2496 \text{ MHz}$	PASS
$f_H + \text{MAX}(\Delta f) $	2688.701319	$\leq 2690 \text{ MHz}$	



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	4.56	13	PASS
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	5.87	13	PASS

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



N41(20M)_DFT-s-OFDM_QPSK_Outer_Full_Mid_CH



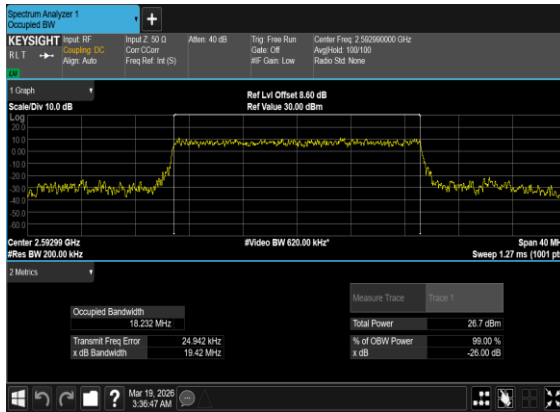


Occupied Bandwidth

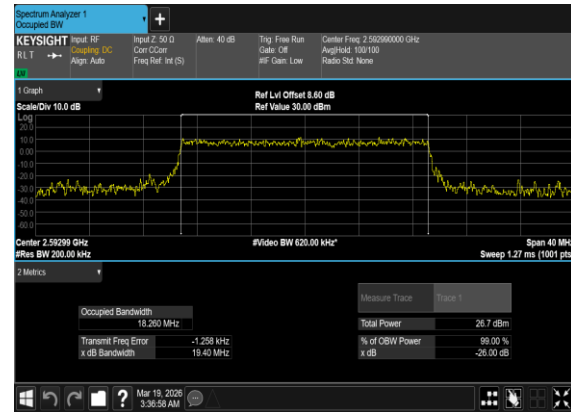
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	OBW (MHz)	26dB BW (MHz)
41	30	20	518598	2592.99	CP-OFDM QPSK	51@0	18.232	19.42
41	30	20	518598	2592.99	CP-OFDM 16 QAM	51@0	18.26	19.4
41	30	20	518598	2592.99	CP-OFDM 64 QAM	51@0	18.225	19.88
41	30	20	518598	2592.99	CP-OFDM 256 QAM	51@0	18.219	19.15
41	30	30	518598	2592.99	CP-OFDM QPSK	78@0	27.838	29.15
41	30	30	518598	2592.99	CP-OFDM 16 QAM	78@0	27.909	29.28
41	30	30	518598	2592.99	CP-OFDM 64 QAM	78@0	27.8	28.78
41	30	30	518598	2592.99	CP-OFDM 256 QAM	78@0	27.87	28.73
41	30	40	518598	2592.99	CP-OFDM QPSK	106@0	37.93	39.66
41	30	40	518598	2592.99	CP-OFDM 16 QAM	106@0	37.866	39.22
41	30	40	518598	2592.99	CP-OFDM 64 QAM	106@0	37.83	39.58
41	30	40	518598	2592.99	CP-OFDM 256 QAM	106@0	37.832	39.57
41	30	50	518598	2592.99	CP-OFDM QPSK	133@0	47.523	49.48
41	30	50	518598	2592.99	CP-OFDM 16 QAM	133@0	47.544	49.16
41	30	50	518598	2592.99	CP-OFDM 64 QAM	133@0	47.502	49.12
41	30	50	518598	2592.99	CP-OFDM 256 QAM	133@0	47.403	49.43
41	30	60	518598	2592.99	CP-OFDM QPSK	162@0	57.728	59.83
41	30	60	518598	2592.99	CP-OFDM 16 QAM	162@0	57.812	59.82
41	30	60	518598	2592.99	CP-OFDM 64 QAM	162@0	57.809	59.72
41	30	60	518598	2592.99	CP-OFDM 256 QAM	162@0	57.855	59.6
41	30	70	518598	2592.99	CP-OFDM QPSK	189@0	67.432	69.66
41	30	70	518598	2592.99	CP-OFDM 16 QAM	189@0	67.3	69.71
41	30	70	518598	2592.99	CP-OFDM 64 QAM	189@0	67.52	70.03
41	30	70	518598	2592.99	CP-OFDM 256 QAM	189@0	67.523	69.63
41	30	80	518598	2592.99	CP-OFDM QPSK	217@0	77.463	80.12
41	30	80	518598	2592.99	CP-OFDM 16 QAM	217@0	77.531	80.0
41	30	80	518598	2592.99	CP-OFDM 64 QAM	217@0	77.526	79.78
41	30	80	518598	2592.99	CP-OFDM 256 QAM	217@0	77.563	80.0
41	30	90	518598	2592.99	CP-OFDM QPSK	245@0	87.373	90.34
41	30	90	518598	2592.99	CP-OFDM 16 QAM	245@0	87.318	90.3
41	30	90	518598	2592.99	CP-OFDM 64 QAM	245@0	87.326	90.1
41	30	90	518598	2592.99	CP-OFDM 256 QAM	245@0	87.676	90.12
41	30	100	518598	2592.99	CP-OFDM QPSK	273@0	97.4	100.5
41	30	100	518598	2592.99	CP-OFDM 16 QAM	273@0	97.691	100.4
41	30	100	518598	2592.99	CP-OFDM 64 QAM	273@0	97.522	100.7
41	30	100	518598	2592.99	CP-OFDM 256 QAM	273@0	97.651	100.5



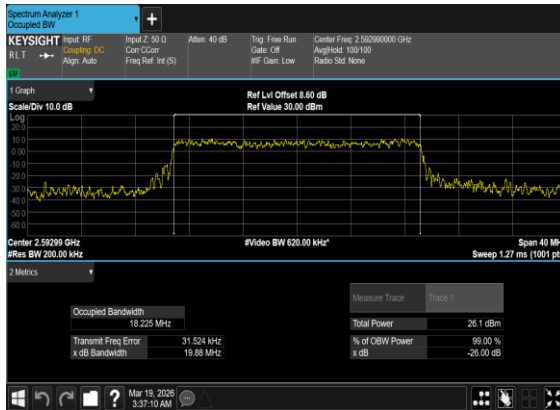
N41(20M)_CP-
OFDM_QPSK_Outer_Full_Mid_CH



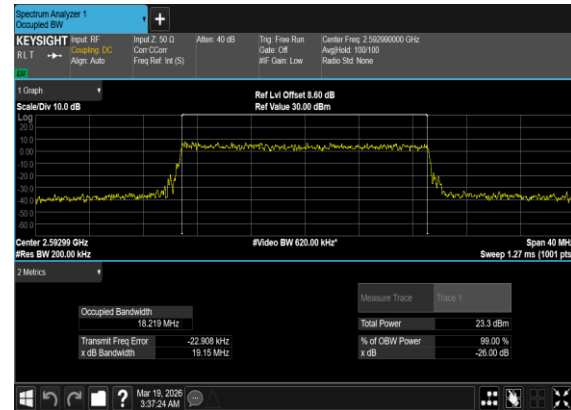
N41(20M)_CP-OFDM_16
QAM_Outer_Full_Mid_CH



N41(20M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH

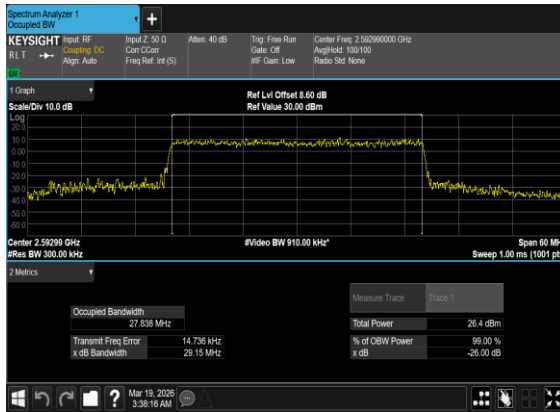


N41(20M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH

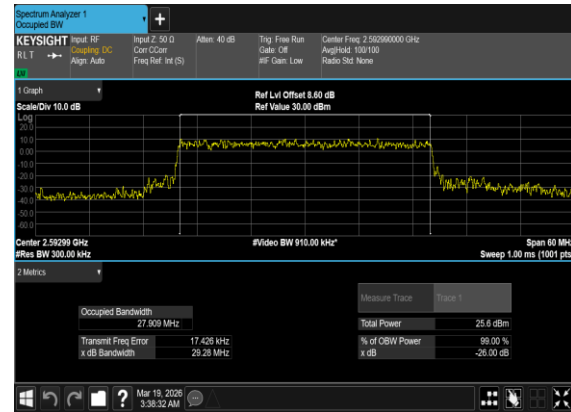




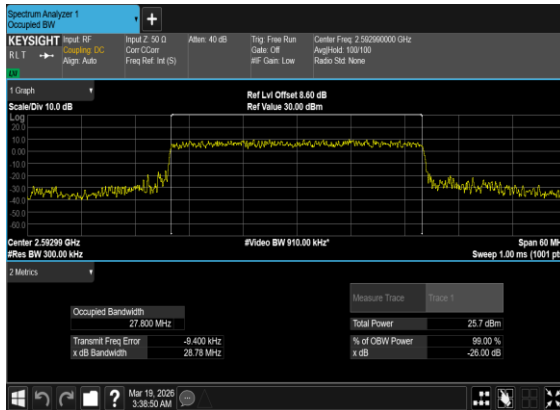
N41(30M)_CP-
OFDM_QPSK_Outer_Full_Mid_CH



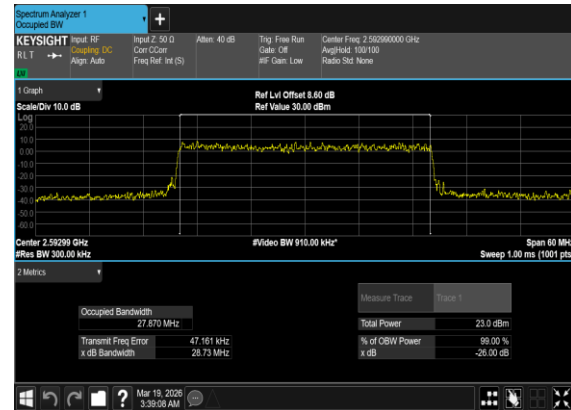
N41(30M)_CP-OFDM_16
QAM_Outer_Full_Mid_CH



N41(30M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH

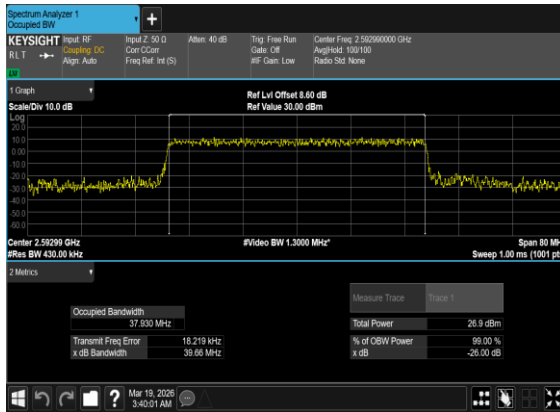


N41(30M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH

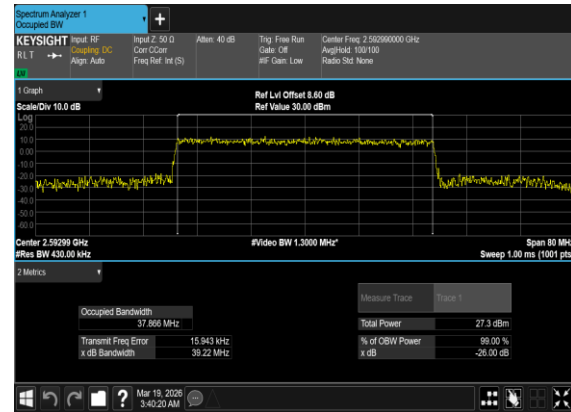




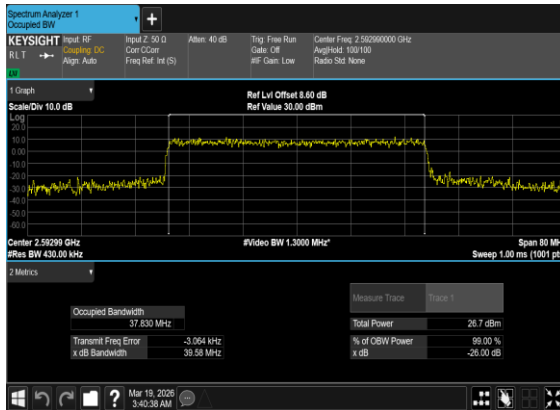
N41(40M)_CP-
OFDM_QPSK_Outer_Full_Mid_CH



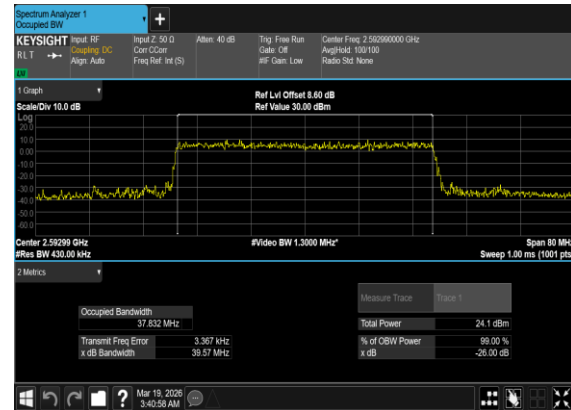
N41(40M)_CP-OFDM_16
QAM_Outer_Full_Mid_CH



N41(40M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH

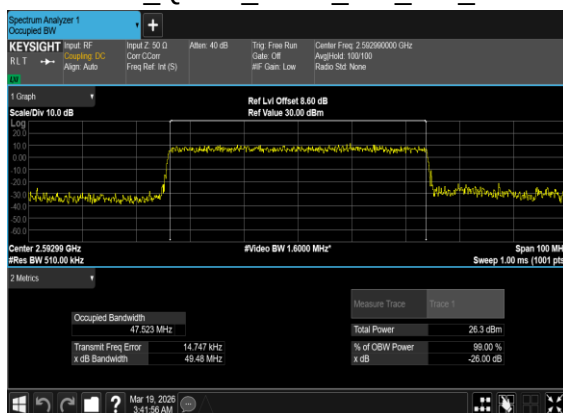


N41(40M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH

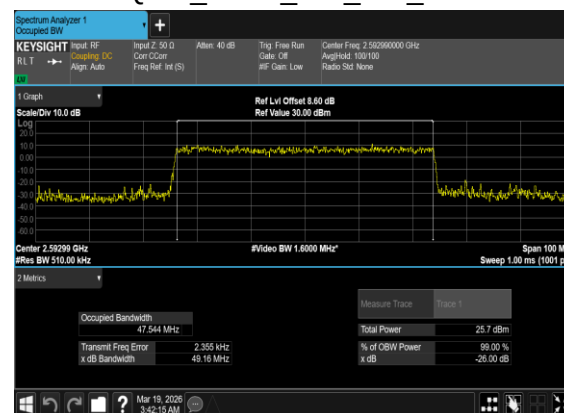




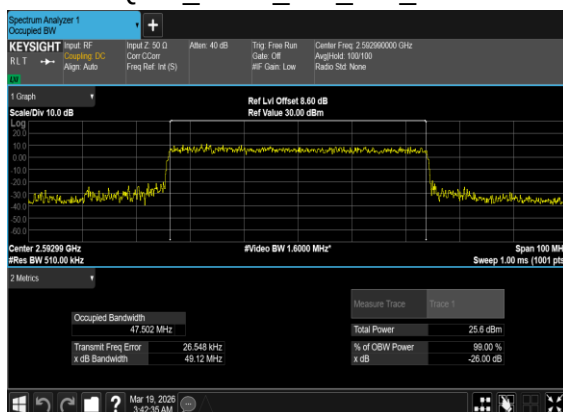
N41(50M)_CP-
OFDM_QPSK_Outer_Full_Mid_CH



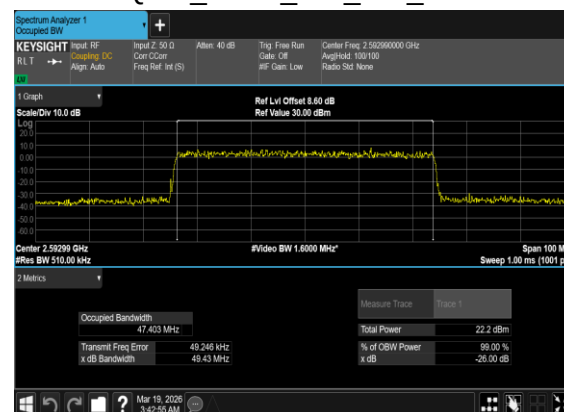
N41(50M)_CP-OFDM_16
QAM_Outer_Full_Mid_CH



N41(50M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH

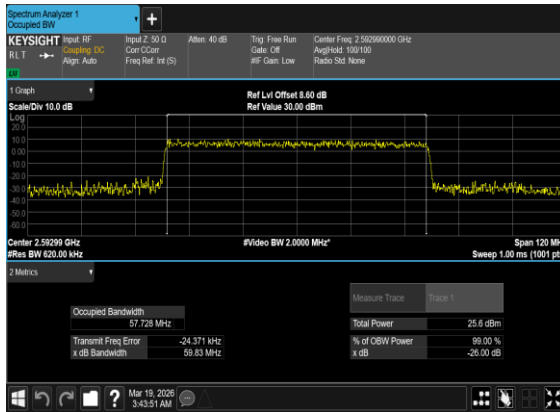


N41(50M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH

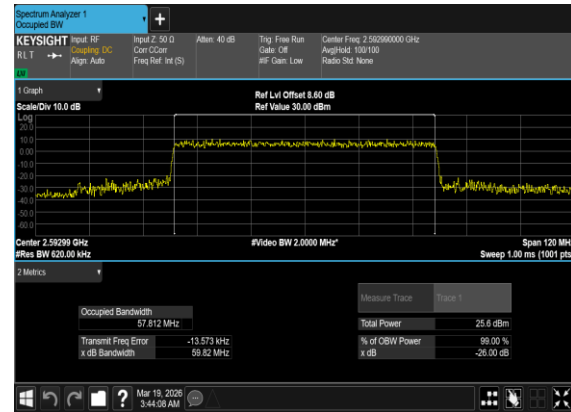




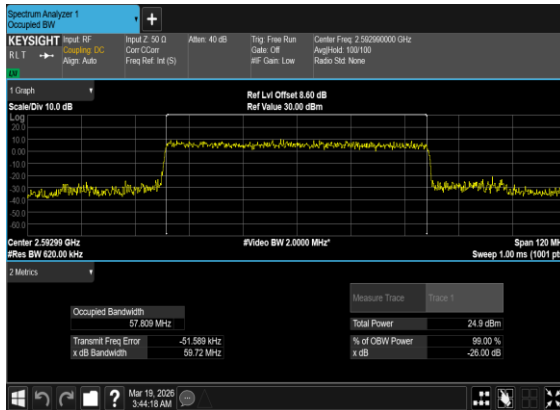
N41(60M)_CP-
OFDM_QPSK_Outer_Full_Mid_CH



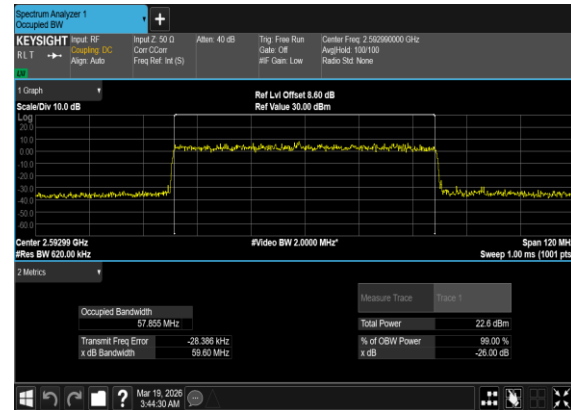
N41(60M)_CP-OFDM_16
QAM_Outer_Full_Mid_CH



N41(60M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH

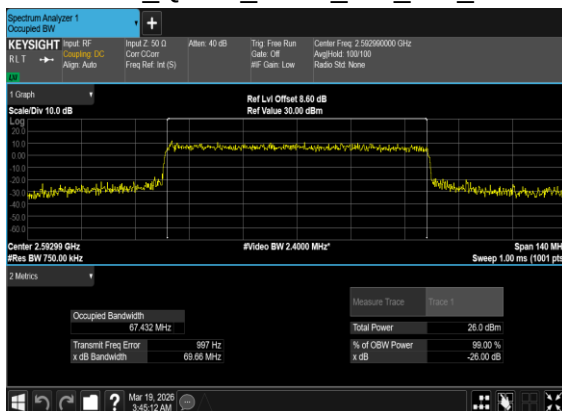


N41(60M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH

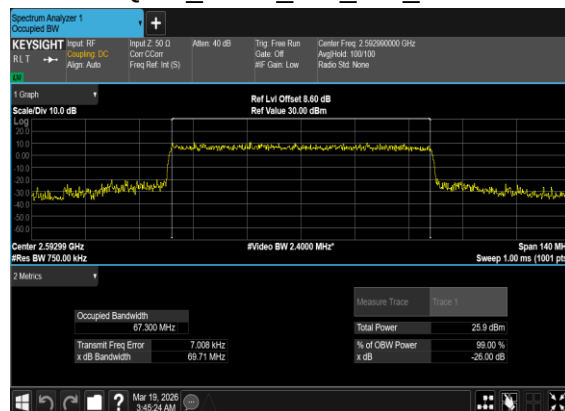




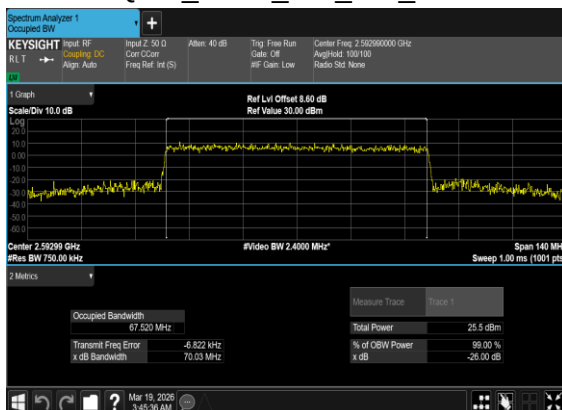
N41(70M)_CP-
OFDM_QPSK_Outer_Full_Mid_CH



N41(70M)_CP-OFDM_16
QAM_Outer_Full_Mid_CH



N41(70M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH



N41(70M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH

