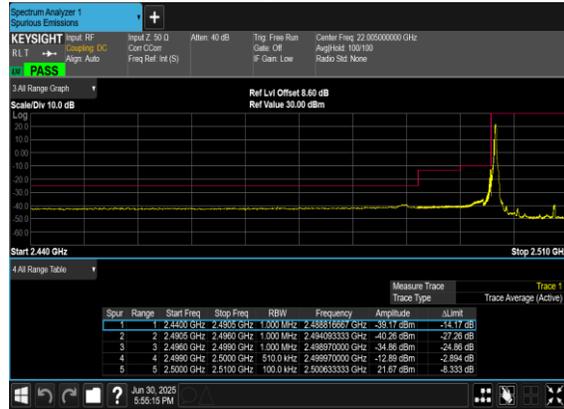




N7(25M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



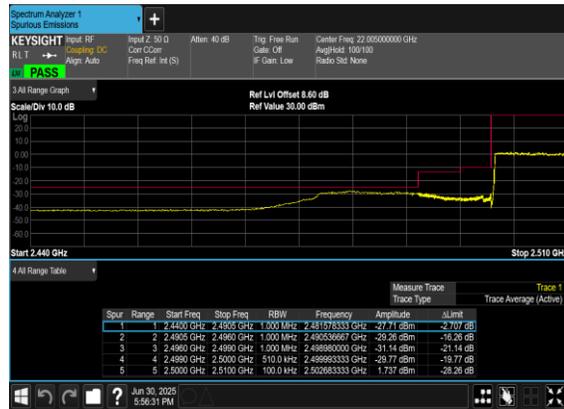
N7(25M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



N7(25M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH



N7(25M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH





N7(25M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH



N7(25M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH



N7(25M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH



N7(25M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH

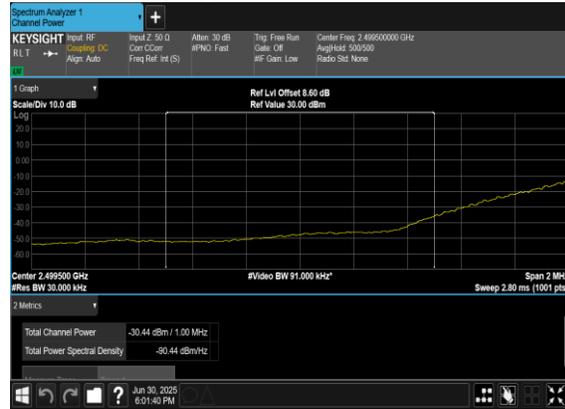




N7(50M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



N7(50M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH_CHP_PASS



N7(50M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



N7(50M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH_CHP_PASS

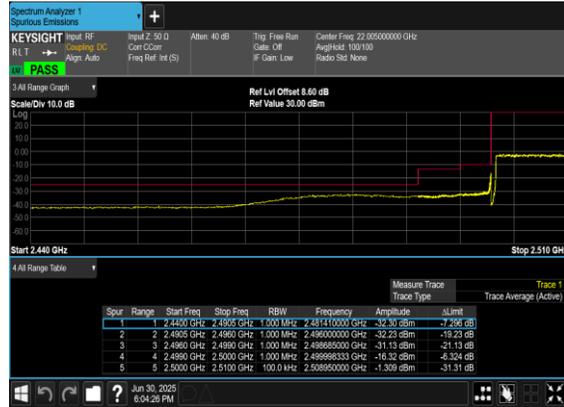




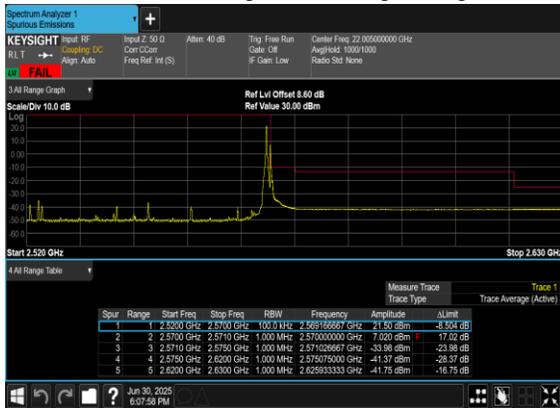
N7(50M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH



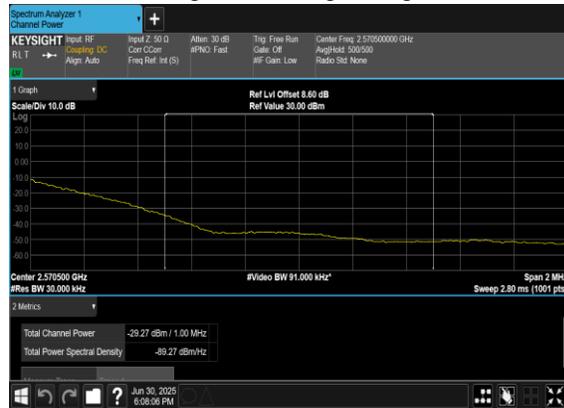
N7(50M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH



N7(50M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH

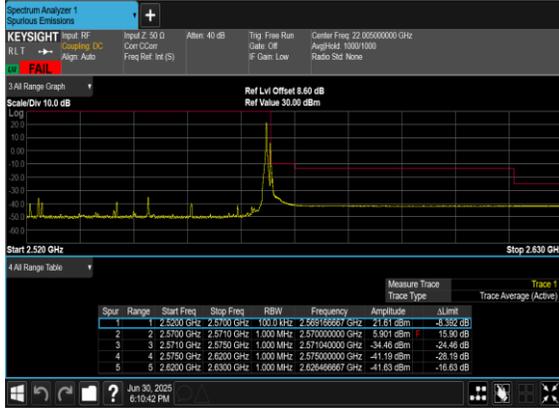


N7(50M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH_CHP_PASS

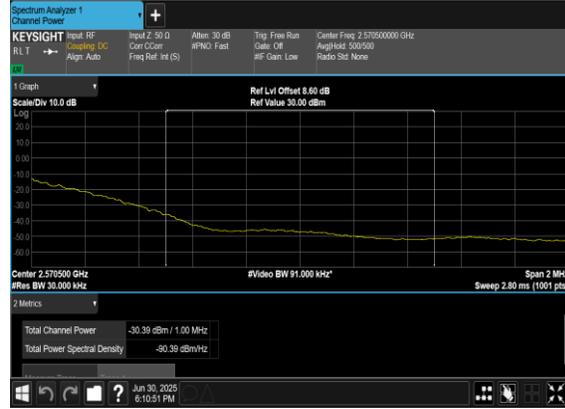




N7(50M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH



N7(50M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH_CHP_PASS



N7(50M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH



N7(50M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH





FR1 N12_ANT 0

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

NR Band	SCS	BandWidth	Arfcn	Freq (MHz)	Modulation	RB	Conducted Power (dBm)	ERP (dBm)	ERP (W)
12	15	5	140300	701.5	DFT-s-OFDM QPSK	12@6	24.99	18.84	0.0766
12	15	5	140300	701.5	DFT-s-OFDM QPSK	1@1	25.07	18.92	0.0780
12	15	5	140300	701.5	DFT-s-OFDM QPSK	1@23	24.94	18.79	0.0757
12	15	5	140300	701.5	DFT-s-OFDM 16 QAM	12@6	23.91	17.76	0.0597
12	15	5	140300	701.5	DFT-s-OFDM 16 QAM	1@1	24.05	17.9	0.0617
12	15	5	140300	701.5	DFT-s-OFDM 16 QAM	1@23	23.9	17.75	0.0596
12	15	5	141500	707.5	DFT-s-OFDM QPSK	12@6	24.87	18.72	0.0745
12	15	5	141500	707.5	DFT-s-OFDM QPSK	1@1	24.95	18.8	0.0759
12	15	5	141500	707.5	DFT-s-OFDM QPSK	1@23	24.95	18.8	0.0759
12	15	5	141500	707.5	DFT-s-OFDM 16 QAM	12@6	23.8	17.65	0.0582
12	15	5	141500	707.5	DFT-s-OFDM 16 QAM	1@1	23.89	17.74	0.0594
12	15	5	141500	707.5	DFT-s-OFDM 16 QAM	1@23	23.92	17.77	0.0598
12	15	5	142700	713.5	DFT-s-OFDM QPSK	12@6	25	18.85	0.0767
12	15	5	142700	713.5	DFT-s-OFDM QPSK	1@1	25.03	18.88	0.0773
12	15	5	142700	713.5	DFT-s-OFDM QPSK	1@23	25.2	19.05	0.0804
12	15	5	142700	713.5	DFT-s-OFDM 16 QAM	12@6	23.96	17.81	0.0604
12	15	5	142700	713.5	DFT-s-OFDM 16 QAM	1@1	23.93	17.78	0.0600
12	15	5	142700	713.5	DFT-s-OFDM 16 QAM	1@23	24.13	17.98	0.0628
12	15	10	140800	704	DFT-s-OFDM QPSK	25@12	24.82	18.67	0.0736
12	15	10	140800	704	DFT-s-OFDM QPSK	1@1	25.1	18.95	0.0785
12	15	10	140800	704	DFT-s-OFDM QPSK	1@50	24.93	18.78	0.0755
12	15	10	140800	704	DFT-s-OFDM 16 QAM	25@12	23.79	17.64	0.0581
12	15	10	140800	704	DFT-s-OFDM 16 QAM	1@1	24.11	17.96	0.0625
12	15	10	140800	704	DFT-s-OFDM 16 QAM	1@50	23.94	17.79	0.0601
12	15	10	141500	707.5	DFT-s-OFDM QPSK	25@12	24.8	18.65	0.0733
12	15	10	141500	707.5	DFT-s-OFDM QPSK	1@1	25.06	18.91	0.0778
12	15	10	141500	707.5	DFT-s-OFDM QPSK	1@50	25.08	18.93	0.0782
12	15	10	141500	707.5	DFT-s-OFDM 16 QAM	25@12	23.77	17.62	0.0578
12	15	10	141500	707.5	DFT-s-OFDM 16 QAM	1@1	24.03	17.88	0.0614
12	15	10	141500	707.5	DFT-s-OFDM 16 QAM	1@50	24.03	17.88	0.0614
12	15	10	142200	711	DFT-s-OFDM QPSK	25@12	24.85	18.7	0.0741
12	15	10	142200	711	DFT-s-OFDM QPSK	1@1	24.93	18.78	0.0755
12	15	10	142200	711	DFT-s-OFDM QPSK	1@50	25.23	19.08	0.0809



12	15	10	142200	711	DFT-s-OFDM 16 QAM	25@12	23.82	17.67	0.0585
12	15	10	142200	711	DFT-s-OFDM 16 QAM	1@1	23.94	17.79	0.0601
12	15	10	142200	711	DFT-s-OFDM 16 QAM	1@50	24.18	18.03	0.0635
12	15	15	141300	706.5	DFT-s-OFDM PI/2 BPSK	36@18	24.89	18.74	0.0748
12	15	15	141300	706.5	DFT-s-OFDM PI/2 BPSK	1@1	24.94	18.79	0.0757
12	15	15	141300	706.5	DFT-s-OFDM PI/2 BPSK	1@77	24.92	18.77	0.0753
12	15	15	141300	706.5	DFT-s-OFDM QPSK	36@18	24.86	18.71	0.0743
12	15	15	141300	706.5	DFT-s-OFDM QPSK	1@1	25.16	19.01	0.0796
12	15	15	141300	706.5	DFT-s-OFDM QPSK	1@77	25.24	19.09	0.0811
12	15	15	141300	706.5	DFT-s-OFDM 16 QAM	36@18	23.84	17.69	0.0587
12	15	15	141300	706.5	DFT-s-OFDM 16 QAM	1@1	24.12	17.97	0.0627
12	15	15	141300	706.5	DFT-s-OFDM 16 QAM	1@77	24.13	17.98	0.0628
12	15	15	141300	706.5	DFT-s-OFDM 64 QAM	36@18	22.37	16.22	0.0419
12	15	15	141300	706.5	DFT-s-OFDM 64 QAM	1@1	22.32	16.17	0.0414
12	15	15	141300	706.5	DFT-s-OFDM 64 QAM	1@77	22.26	16.11	0.0408
12	15	15	141300	706.5	DFT-s-OFDM 256 QAM	36@18	20.37	14.22	0.0264
12	15	15	141300	706.5	DFT-s-OFDM 256 QAM	1@1	20.48	14.33	0.0271
12	15	15	141300	706.5	DFT-s-OFDM 256 QAM	1@77	20.5	14.35	0.0272
12	15	15	141300	706.5	CP-OFDM QPSK	39@19	23.34	17.19	0.0524
12	15	15	141300	706.5	CP-OFDM QPSK	1@1	23.59	17.44	0.0555
12	15	15	141300	706.5	CP-OFDM QPSK	1@77	23.59	17.44	0.0555
12	15	15	141500	707.5	DFT-s-OFDM PI/2 BPSK	36@18	24.86	18.71	0.0743
12	15	15	141500	707.5	DFT-s-OFDM PI/2 BPSK	1@1	24.93	18.78	0.0755
12	15	15	141500	707.5	DFT-s-OFDM PI/2 BPSK	1@77	24.91	18.76	0.0752
12	15	15	141500	707.5	DFT-s-OFDM QPSK	36@18	24.85	18.7	0.0741
12	15	15	141500	707.5	DFT-s-OFDM QPSK	1@1	25.16	19.01	0.0796
12	15	15	141500	707.5	DFT-s-OFDM QPSK	1@77	25.24	19.09	0.0811
12	15	15	141500	707.5	DFT-s-OFDM 16 QAM	36@18	23.8	17.65	0.0582
12	15	15	141500	707.5	DFT-s-OFDM 16 QAM	1@1	24.11	17.96	0.0625
12	15	15	141500	707.5	DFT-s-OFDM 16 QAM	1@77	24.09	17.94	0.0622
12	15	15	141500	707.5	DFT-s-OFDM 64 QAM	36@18	22.36	16.21	0.0418
12	15	15	141500	707.5	DFT-s-OFDM 64 QAM	1@1	22.23	16.08	0.0406
12	15	15	141500	707.5	DFT-s-OFDM 64 QAM	1@77	22.23	16.08	0.0406
12	15	15	141500	707.5	DFT-s-OFDM 256 QAM	36@18	20.36	14.21	0.0264
12	15	15	141500	707.5	DFT-s-OFDM 256 QAM	1@1	20.48	14.33	0.0271
12	15	15	141500	707.5	DFT-s-OFDM 256 QAM	1@77	20.52	14.37	0.0274
12	15	15	141500	707.5	CP-OFDM QPSK	39@19	23.33	17.18	0.0522
12	15	15	141500	707.5	CP-OFDM QPSK	1@1	23.56	17.41	0.0551
12	15	15	141500	707.5	CP-OFDM QPSK	1@77	23.63	17.48	0.0560
12	15	15	141700	708.5	DFT-s-OFDM PI/2 BPSK	36@18	24.89	18.74	0.0748



12	15	15	141700	708.5	DFT-s-OFDM PI/2 BPSK	1@1	24.88	18.73	0.0746
12	15	15	141700	708.5	DFT-s-OFDM PI/2 BPSK	1@77	24.94	18.79	0.0757
12	15	15	141700	708.5	DFT-s-OFDM QPSK	36@18	24.86	18.71	0.0743
12	15	15	141700	708.5	DFT-s-OFDM QPSK	1@1	25.11	18.96	0.0787
12	15	15	141700	708.5	DFT-s-OFDM QPSK	1@77	25.27	19.12	0.0817
12	15	15	141700	708.5	DFT-s-OFDM 16 QAM	36@18	23.82	17.67	0.0585
12	15	15	141700	708.5	DFT-s-OFDM 16 QAM	1@1	24.05	17.9	0.0617
12	15	15	141700	708.5	DFT-s-OFDM 16 QAM	1@77	24.13	17.98	0.0628
12	15	15	141700	708.5	DFT-s-OFDM 64 QAM	36@18	22.38	16.23	0.0420
12	15	15	141700	708.5	DFT-s-OFDM 64 QAM	1@1	22.21	16.06	0.0404
12	15	15	141700	708.5	DFT-s-OFDM 64 QAM	1@77	22.28	16.13	0.0410
12	15	15	141700	708.5	DFT-s-OFDM 256 QAM	36@18	20.34	14.19	0.0262
12	15	15	141700	708.5	DFT-s-OFDM 256 QAM	1@1	20.43	14.28	0.0268
12	15	15	141700	708.5	DFT-s-OFDM 256 QAM	1@77	20.54	14.39	0.0275
12	15	15	141700	708.5	CP-OFDM QPSK	39@19	23.37	17.22	0.0527
12	15	15	141700	708.5	CP-OFDM QPSK	1@1	23.5	17.35	0.0543
12	15	15	141700	708.5	CP-OFDM QPSK	1@77	23.65	17.5	0.0562



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	11.6	PASS	NV
12	15	10	141500	707.5	DFT-s-OFDM QPSK	50@0	12.5	PASS	LV
12	15	10	141500	707.5	DFT-s-OFDM QPSK	50@0	11.6	PASS	HV
12	15	10	141500	707.5	DFT-s-OFDM QPSK	50@0	18.6	PASS	-30°C
12	15	10	141500	707.5	DFT-s-OFDM QPSK	50@0	18.5	PASS	-20°C
12	15	10	141500	707.5	DFT-s-OFDM QPSK	50@0	19.3	PASS	-10°C
12	15	10	141500	707.5	DFT-s-OFDM QPSK	50@0	15.4	PASS	0°C
12	15	10	141500	707.5	DFT-s-OFDM QPSK	50@0	18.4	PASS	10°C
12	15	10	141500	707.5	DFT-s-OFDM QPSK	50@0	11.6	PASS	20°C
12	15	10	141500	707.5	DFT-s-OFDM QPSK	50@0	13.8	PASS	30°C
12	15	10	141500	707.5	DFT-s-OFDM QPSK	50@0	12.7	PASS	40°C
12	15	10	141500	707.5	DFT-s-OFDM QPSK	50@0	13.5	PASS	50°C

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

Frequency Stability	Frequency (MHz)	Limit Line	Result
fL - MAX(Δf)	699.3970807	≧ 699 MHz	PASS
fH + MAX(Δf)	714.8536193	≦ 716 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	4.14	13	PASS
12	15	10	141500	707.5	DFT-s-OFDM QPSK	50@0	5.28	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	4.4609	4.785
12	15	5	141500	707.5	CP-OFDM 16 QAM	25@0	4.4577	4.756
12	15	5	141500	707.5	CP-OFDM 64 QAM	25@0	4.4729	4.772
12	15	5	141500	707.5	CP-OFDM 256 QAM	25@0	4.4721	4.789
12	15	10	141500	707.5	CP-OFDM QPSK	52@0	9.2684	9.691
12	15	10	141500	707.5	CP-OFDM 16 QAM	52@0	9.2539	9.671
12	15	10	141500	707.5	CP-OFDM 64 QAM	52@0	9.2714	9.724
12	15	10	141500	707.5	CP-OFDM 256 QAM	52@0	9.2665	9.721
12	15	15	141500	707.5	CP-OFDM QPSK	79@0	14.093	14.7
12	15	15	141500	707.5	CP-OFDM 16 QAM	79@0	14.114	14.68
12	15	15	141500	707.5	CP-OFDM 64 QAM	79@0	14.108	14.66
12	15	15	141500	707.5	CP-OFDM 256 QAM	79@0	14.096	14.72



N12(5M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



N12(5M)_CP-OFDM_16QAM_Outer_Full_Mid_CH



N12(5M)_CP-OFDM_64QAM_Outer_Full_Mid_CH

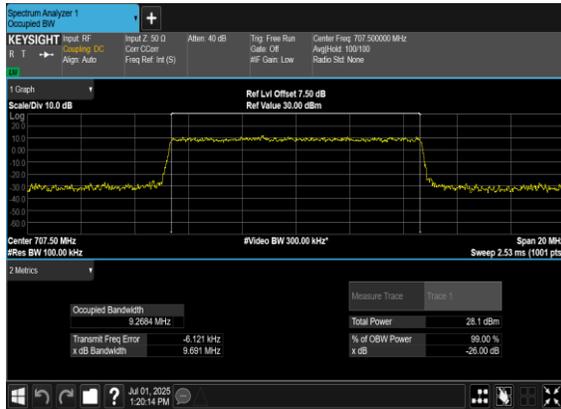


N12(5M)_CP-OFDM_256QAM_Outer_Full_Mid_CH





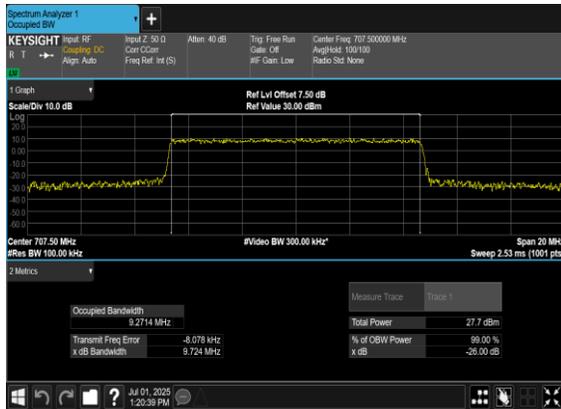
N12(10M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



N12(10M)_CP-OFDM_16QAM_Outer_Full_Mid_CH



N12(10M)_CP-OFDM_64QAM_Outer_Full_Mid_CH



N12(10M)_CP-OFDM_256QAM_Outer_Full_Mid_CH





N12(15M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



N12(15M)_CP-OFDM_16QAM_Outer_Full_Mid_CH



N12(15M)_CP-OFDM_64QAM_Outer_Full_Mid_CH



N12(15M)_CP-OFDM_256QAM_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



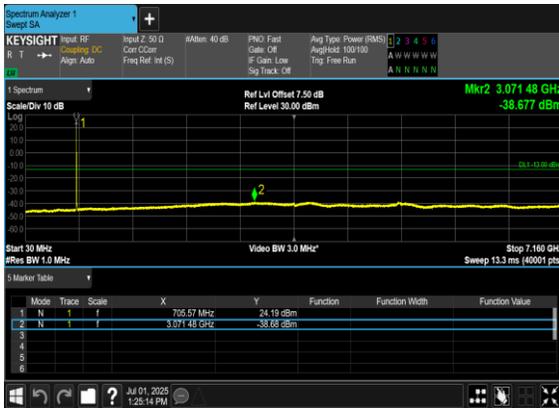
N12(5M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



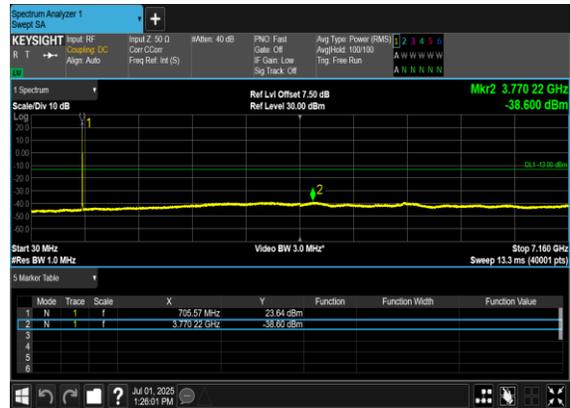
N12(5M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



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



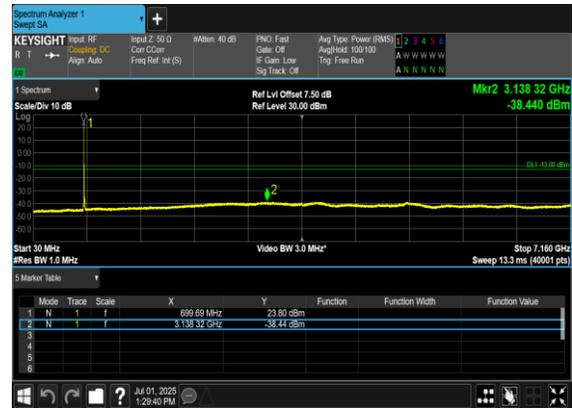
N12(5M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH



N12(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



N12(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH





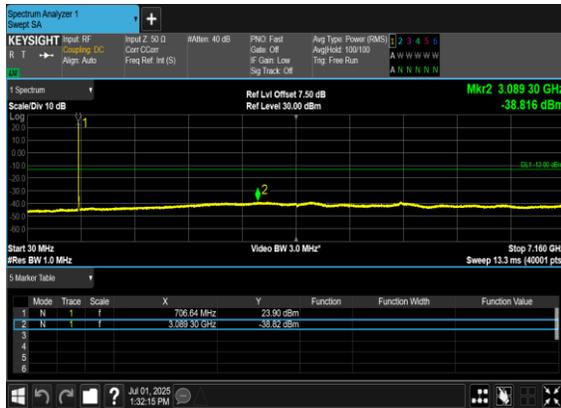
N12(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



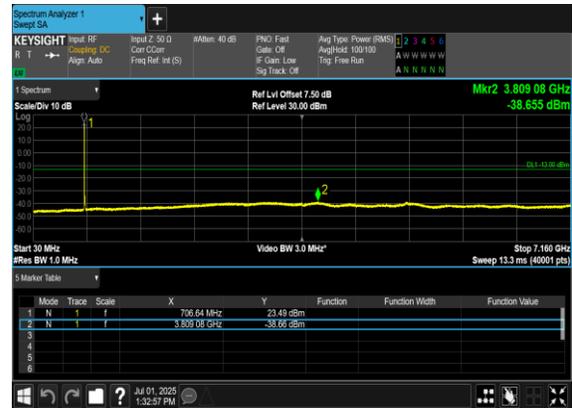
N12(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



N12(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



N12(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH





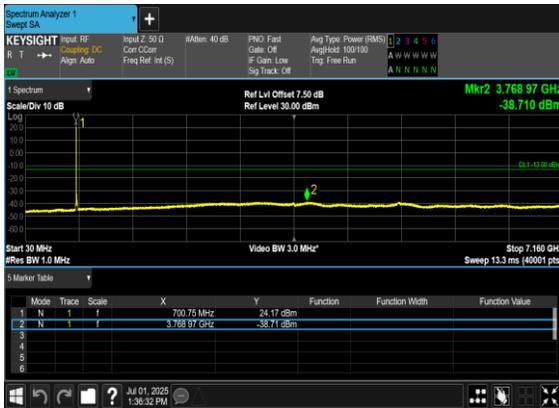
N12(15M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



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



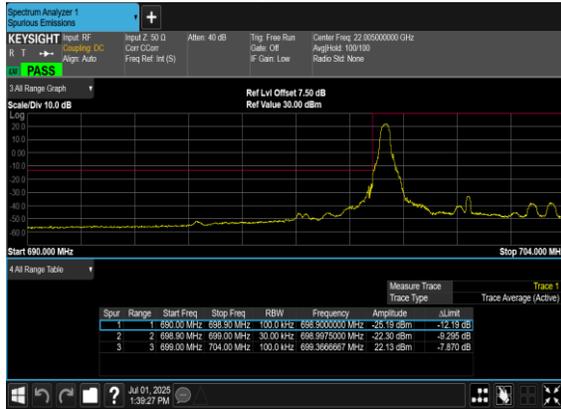


Conducted Band Edge

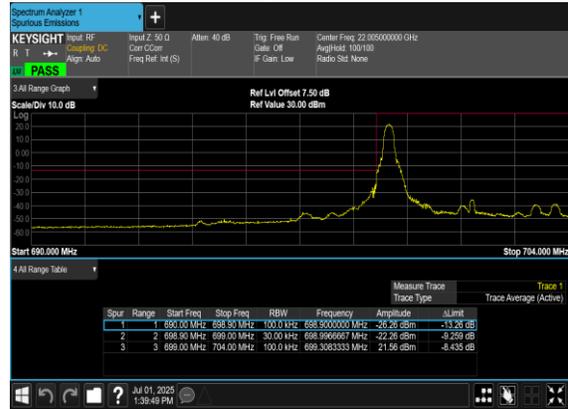
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
12	15	5	140300	701.5	DFT-s-OFDM BPSK	1@0	see graph	PASS
12	15	5	140300	701.5	DFT-s-OFDM QPSK	1@0	see graph	PASS
12	15	5	140300	701.5	DFT-s-OFDM BPSK	25@0	see graph	PASS
12	15	5	140300	701.5	DFT-s-OFDM QPSK	25@0	see graph	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



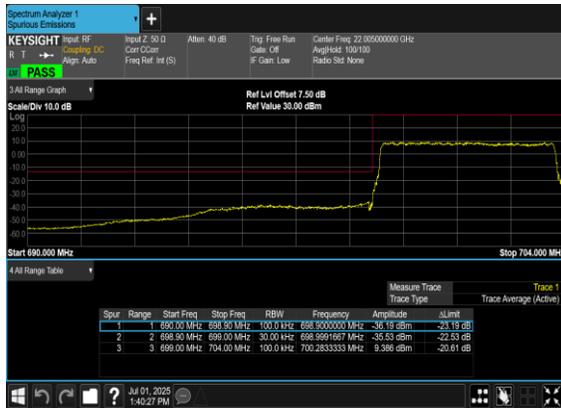
N12(5M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



N12(5M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



N12(5M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH

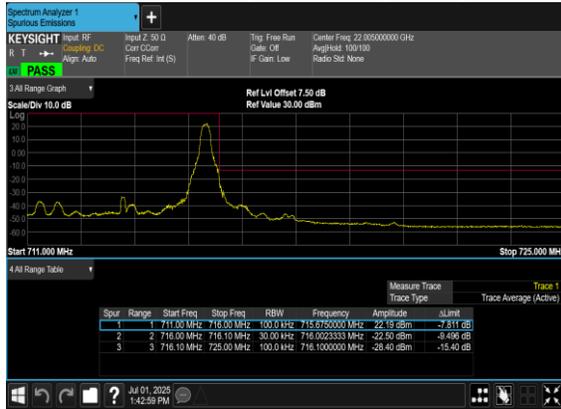


N12(5M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH





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





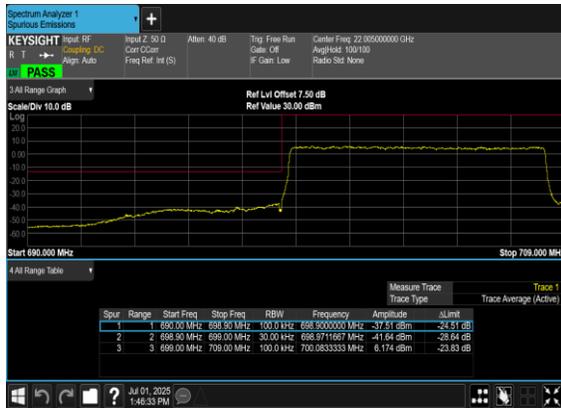
N12(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



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





FR1 N38_ANT5

Transmitter Conducted Output Power And EIRP, (G_T - L_C)= -1.33 dB

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	25.24	23.91	0.2460
38	30	10	515000	2575	DFT-s-OFDM QPSK	1@1	25.02	23.69	0.2339
38	30	10	515000	2575	DFT-s-OFDM QPSK	1@22	25.17	23.84	0.2421
38	30	10	515000	2575	DFT-s-OFDM 16 QAM	12@6	24.29	22.96	0.1977
38	30	10	515000	2575	DFT-s-OFDM 16 QAM	1@1	24.17	22.84	0.1923
38	30	10	515000	2575	DFT-s-OFDM 16 QAM	1@22	24.39	23.06	0.2023
38	30	10	519000	2595	DFT-s-OFDM QPSK	12@6	25.47	24.14	0.2594
38	30	10	519000	2595	DFT-s-OFDM QPSK	1@1	25.41	24.08	0.2559
38	30	10	519000	2595	DFT-s-OFDM QPSK	1@22	25.45	24.12	0.2582
38	30	10	519000	2595	DFT-s-OFDM 16 QAM	12@6	24.46	23.13	0.2056
38	30	10	519000	2595	DFT-s-OFDM 16 QAM	1@1	24.58	23.25	0.2113
38	30	10	519000	2595	DFT-s-OFDM 16 QAM	1@22	24.5	23.17	0.2075
38	30	10	523000	2615	DFT-s-OFDM QPSK	12@6	25.47	24.14	0.2594
38	30	10	523000	2615	DFT-s-OFDM QPSK	1@1	25.33	24	0.2512
38	30	10	523000	2615	DFT-s-OFDM QPSK	1@22	25.37	24.04	0.2535
38	30	10	523000	2615	DFT-s-OFDM 16 QAM	12@6	24.51	23.18	0.2080
38	30	10	523000	2615	DFT-s-OFDM 16 QAM	1@1	24.46	23.13	0.2056
38	30	10	523000	2615	DFT-s-OFDM 16 QAM	1@22	24.5	23.17	0.2075
38	30	15	515500	2577.5	DFT-s-OFDM QPSK	18@9	25.32	23.99	0.2506
38	30	15	515500	2577.5	DFT-s-OFDM QPSK	1@1	25.12	23.79	0.2393
38	30	15	515500	2577.5	DFT-s-OFDM QPSK	1@36	25.37	24.04	0.2535
38	30	15	515500	2577.5	DFT-s-OFDM 16 QAM	18@9	24.39	23.06	0.2023
38	30	15	515500	2577.5	DFT-s-OFDM 16 QAM	1@1	24.22	22.89	0.1945
38	30	15	515500	2577.5	DFT-s-OFDM 16 QAM	1@36	24.32	22.99	0.1991
38	30	15	519000	2595	DFT-s-OFDM QPSK	18@9	25.52	24.19	0.2624
38	30	15	519000	2595	DFT-s-OFDM QPSK	1@1	25.28	23.95	0.2483
38	30	15	519000	2595	DFT-s-OFDM QPSK	1@36	25.4	24.07	0.2553
38	30	15	519000	2595	DFT-s-OFDM 16 QAM	18@9	24.58	23.25	0.2113
38	30	15	519000	2595	DFT-s-OFDM 16 QAM	1@1	24.36	23.03	0.2009
38	30	15	519000	2595	DFT-s-OFDM 16 QAM	1@36	24.49	23.16	0.2070
38	30	15	522500	2612.5	DFT-s-OFDM QPSK	18@9	25.47	24.14	0.2594
38	30	15	522500	2612.5	DFT-s-OFDM QPSK	1@1	25.27	23.94	0.2477
38	30	15	522500	2612.5	DFT-s-OFDM QPSK	1@36	25.42	24.09	0.2564
38	30	15	522500	2612.5	DFT-s-OFDM 16 QAM	18@9	24.53	23.2	0.2089
38	30	15	522500	2612.5	DFT-s-OFDM 16 QAM	1@1	24.35	23.02	0.2004



38	30	15	522500	2612.5	DFT-s-OFDM 16 QAM	1@36	24.44	23.11	0.2046
38	30	20	516000	2580	DFT-s-OFDM QPSK	25@12	25.35	24.02	0.2523
38	30	20	516000	2580	DFT-s-OFDM QPSK	1@1	25.07	23.74	0.2366
38	30	20	516000	2580	DFT-s-OFDM QPSK	1@49	25.33	24	0.2512
38	30	20	516000	2580	DFT-s-OFDM 16 QAM	25@12	24.38	23.05	0.2018
38	30	20	516000	2580	DFT-s-OFDM 16 QAM	1@1	24.24	22.91	0.1954
38	30	20	516000	2580	DFT-s-OFDM 16 QAM	1@49	24.45	23.12	0.2051
38	30	20	519000	2595	DFT-s-OFDM QPSK	25@12	25.53	24.2	0.2630
38	30	20	519000	2595	DFT-s-OFDM QPSK	1@1	25.29	23.96	0.2489
38	30	20	519000	2595	DFT-s-OFDM QPSK	1@49	25.43	24.1	0.2570
38	30	20	519000	2595	DFT-s-OFDM 16 QAM	25@12	24.57	23.24	0.2109
38	30	20	519000	2595	DFT-s-OFDM 16 QAM	1@1	24.37	23.04	0.2014
38	30	20	519000	2595	DFT-s-OFDM 16 QAM	1@49	24.51	23.18	0.2080
38	30	20	522000	2610	DFT-s-OFDM QPSK	25@12	25.47	24.14	0.2594
38	30	20	522000	2610	DFT-s-OFDM QPSK	1@1	25.31	23.98	0.2500
38	30	20	522000	2610	DFT-s-OFDM QPSK	1@49	25.39	24.06	0.2547
38	30	20	522000	2610	DFT-s-OFDM 16 QAM	25@12	24.5	23.17	0.2075
38	30	20	522000	2610	DFT-s-OFDM 16 QAM	1@1	24.36	23.03	0.2009
38	30	20	522000	2610	DFT-s-OFDM 16 QAM	1@49	24.48	23.15	0.2065
38	30	25	516500	2582.5	DFT-s-OFDM QPSK	32@16	25.32	23.99	0.2506
38	30	25	516500	2582.5	DFT-s-OFDM QPSK	1@1	25.09	23.76	0.2377
38	30	25	516500	2582.5	DFT-s-OFDM QPSK	1@63	25.34	24.01	0.2518
38	30	25	516500	2582.5	DFT-s-OFDM 16 QAM	32@16	24.37	23.04	0.2014
38	30	25	516500	2582.5	DFT-s-OFDM 16 QAM	1@1	24.27	22.94	0.1968
38	30	25	516500	2582.5	DFT-s-OFDM 16 QAM	1@63	24.43	23.1	0.2042
38	30	25	519000	2595	DFT-s-OFDM QPSK	32@16	25.46	24.13	0.2588
38	30	25	519000	2595	DFT-s-OFDM QPSK	1@1	25.19	23.86	0.2432
38	30	25	519000	2595	DFT-s-OFDM QPSK	1@63	25.46	24.13	0.2588
38	30	25	519000	2595	DFT-s-OFDM 16 QAM	32@16	24.49	23.16	0.2070
38	30	25	519000	2595	DFT-s-OFDM 16 QAM	1@1	24.33	23	0.1995
38	30	25	519000	2595	DFT-s-OFDM 16 QAM	1@63	24.46	23.13	0.2056
38	30	25	521500	2607.5	DFT-s-OFDM QPSK	32@16	25.37	24.04	0.2535
38	30	25	521500	2607.5	DFT-s-OFDM QPSK	1@1	25.33	24	0.2512
38	30	25	521500	2607.5	DFT-s-OFDM QPSK	1@63	25.38	24.05	0.2541
38	30	25	521500	2607.5	DFT-s-OFDM 16 QAM	32@16	24.43	23.1	0.2042
38	30	25	521500	2607.5	DFT-s-OFDM 16 QAM	1@1	24.36	23.03	0.2009
38	30	25	521500	2607.5	DFT-s-OFDM 16 QAM	1@63	24.49	23.16	0.2070
38	30	30	517000	2585	DFT-s-OFDM QPSK	36@18	25.44	24.11	0.2576
38	30	30	517000	2585	DFT-s-OFDM QPSK	1@1	25.2	23.87	0.2438
38	30	30	517000	2585	DFT-s-OFDM QPSK	1@76	25.48	24.15	0.2600
38	30	30	517000	2585	DFT-s-OFDM 16 QAM	36@18	24.44	23.11	0.2046
38	30	30	517000	2585	DFT-s-OFDM 16 QAM	1@1	24.27	22.94	0.1968



38	30	30	517000	2585	DFT-s-OFDM 16 QAM	1@76	24.52	23.19	0.2084
38	30	30	519000	2595	DFT-s-OFDM QPSK	36@18	25.49	24.16	0.2606
38	30	30	519000	2595	DFT-s-OFDM QPSK	1@1	25.33	24	0.2512
38	30	30	519000	2595	DFT-s-OFDM QPSK	1@76	25.43	24.1	0.2570
38	30	30	519000	2595	DFT-s-OFDM 16 QAM	36@18	24.52	23.19	0.2084
38	30	30	519000	2595	DFT-s-OFDM 16 QAM	1@1	24.33	23	0.1995
38	30	30	519000	2595	DFT-s-OFDM 16 QAM	1@76	24.55	23.22	0.2099
38	30	30	521000	2605	DFT-s-OFDM QPSK	36@18	25.47	24.14	0.2594
38	30	30	521000	2605	DFT-s-OFDM QPSK	1@1	25.33	24	0.2512
38	30	30	521000	2605	DFT-s-OFDM QPSK	1@76	25.47	24.14	0.2594
38	30	30	521000	2605	DFT-s-OFDM 16 QAM	36@18	24.48	23.15	0.2065
38	30	30	521000	2605	DFT-s-OFDM 16 QAM	1@1	24.45	23.12	0.2051
38	30	30	521000	2605	DFT-s-OFDM 16 QAM	1@76	24.63	23.3	0.2138
38	30	40	518000	2590	DFT-s-OFDM PI/2 BPSK	50@25	25.46	24.13	0.2588
38	30	40	518000	2590	DFT-s-OFDM PI/2 BPSK	1@1	25.24	23.91	0.2460
38	30	40	518000	2590	DFT-s-OFDM PI/2 BPSK	1@104	25.48	24.15	0.2600
38	30	40	518000	2590	DFT-s-OFDM QPSK	50@25	25.45	24.12	0.2582
38	30	40	518000	2590	DFT-s-OFDM QPSK	1@1	25.16	23.83	0.2415
38	30	40	518000	2590	DFT-s-OFDM QPSK	1@104	25.4	24.07	0.2553
38	30	40	518000	2590	DFT-s-OFDM 16 QAM	50@25	24.48	23.15	0.2065
38	30	40	518000	2590	DFT-s-OFDM 16 QAM	1@1	24.2	22.87	0.1936
38	30	40	518000	2590	DFT-s-OFDM 16 QAM	1@104	24.5	23.17	0.2075
38	30	40	518000	2590	DFT-s-OFDM 64 QAM	50@25	23.04	21.71	0.1483
38	30	40	518000	2590	DFT-s-OFDM 64 QAM	1@1	22.94	21.61	0.1449
38	30	40	518000	2590	DFT-s-OFDM 64 QAM	1@104	23.2	21.87	0.1538
38	30	40	518000	2590	DFT-s-OFDM 256 QAM	50@25	21.04	19.71	0.0935
38	30	40	518000	2590	DFT-s-OFDM 256 QAM	1@1	20.65	19.32	0.0855
38	30	40	518000	2590	DFT-s-OFDM 256 QAM	1@104	20.89	19.56	0.0904
38	30	40	518000	2590	CP-OFDM QPSK	53@26	23.95	22.62	0.1828
38	30	40	518000	2590	CP-OFDM QPSK	1@1	23.65	22.32	0.1706
38	30	40	518000	2590	CP-OFDM QPSK	1@104	23.83	22.5	0.1778
38	30	40	519000	2595	DFT-s-OFDM PI/2 BPSK	50@25	25.47	24.14	0.2594
38	30	40	519000	2595	DFT-s-OFDM PI/2 BPSK	1@1	25.18	23.85	0.2427
38	30	40	519000	2595	DFT-s-OFDM PI/2 BPSK	1@104	25.54	24.21	0.2636
38	30	40	519000	2595	DFT-s-OFDM QPSK	50@25	25.49	24.16	0.2606
38	30	40	519000	2595	DFT-s-OFDM QPSK	1@1	25.15	23.82	0.2410
38	30	40	519000	2595	DFT-s-OFDM QPSK	1@104	25.48	24.15	0.2600
38	30	40	519000	2595	DFT-s-OFDM 16 QAM	50@25	24.52	23.19	0.2084
38	30	40	519000	2595	DFT-s-OFDM 16 QAM	1@1	24.24	22.91	0.1954
38	30	40	519000	2595	DFT-s-OFDM 16 QAM	1@104	24.56	23.23	0.2104
38	30	40	519000	2595	DFT-s-OFDM 64 QAM	50@25	23.08	21.75	0.1496
38	30	40	519000	2595	DFT-s-OFDM 64 QAM	1@1	22.99	21.66	0.1466



38	30	40	519000	2595	DFT-s-OFDM 64 QAM	1@104	23.3	21.97	0.1574
38	30	40	519000	2595	DFT-s-OFDM 256 QAM	50@25	21.07	19.74	0.0942
38	30	40	519000	2595	DFT-s-OFDM 256 QAM	1@1	20.62	19.29	0.0849
38	30	40	519000	2595	DFT-s-OFDM 256 QAM	1@104	20.97	19.64	0.0920
38	30	40	519000	2595	CP-OFDM QPSK	53@26	24.01	22.68	0.1854
38	30	40	519000	2595	CP-OFDM QPSK	1@1	23.62	22.29	0.1694
38	30	40	519000	2595	CP-OFDM QPSK	1@104	23.9	22.57	0.1807
38	30	40	520000	2600	DFT-s-OFDM PI/2 BPSK	50@25	25.49	24.16	0.2606
38	30	40	520000	2600	DFT-s-OFDM PI/2 BPSK	1@1	25.3	23.97	0.2495
38	30	40	520000	2600	DFT-s-OFDM PI/2 BPSK	1@104	25.53	24.2	0.2630
38	30	40	520000	2600	DFT-s-OFDM QPSK	50@25	25.47	24.14	0.2594
38	30	40	520000	2600	DFT-s-OFDM QPSK	1@1	25.22	23.89	0.2449
38	30	40	520000	2600	DFT-s-OFDM QPSK	1@104	25.47	24.14	0.2594
38	30	40	520000	2600	DFT-s-OFDM 16 QAM	50@25	24.54	23.21	0.2094
38	30	40	520000	2600	DFT-s-OFDM 16 QAM	1@1	24.34	23.01	0.2000
38	30	40	520000	2600	DFT-s-OFDM 16 QAM	1@104	24.57	23.24	0.2109
38	30	40	520000	2600	DFT-s-OFDM 64 QAM	50@25	23.11	21.78	0.1507
38	30	40	520000	2600	DFT-s-OFDM 64 QAM	1@1	23.06	21.73	0.1489
38	30	40	520000	2600	DFT-s-OFDM 64 QAM	1@104	23.24	21.91	0.1552
38	30	40	520000	2600	DFT-s-OFDM 256 QAM	50@25	21.11	19.78	0.0951
38	30	40	520000	2600	DFT-s-OFDM 256 QAM	1@1	20.75	19.42	0.0875
38	30	40	520000	2600	DFT-s-OFDM 256 QAM	1@104	21	19.67	0.0927
38	30	40	520000	2600	CP-OFDM QPSK	53@26	23.99	22.66	0.1845
38	30	40	520000	2600	CP-OFDM QPSK	1@1	23.81	22.48	0.1770
38	30	40	520000	2600	CP-OFDM QPSK	1@104	24.02	22.69	0.1858



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Transmitter Conducted Output Power And EIRP, (G_T - L_c)= -1.33 dB

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	24.96	23.63	0.2307
41	30	10	500202	2501.01	DFT-s-OFDM QPSK	1@1	24.87	23.54	0.2259
41	30	10	500202	2501.01	DFT-s-OFDM QPSK	1@22	24.83	23.5	0.2239
41	30	10	500202	2501.01	DFT-s-OFDM 16 QAM	12@6	23.9	22.57	0.1807
41	30	10	500202	2501.01	DFT-s-OFDM 16 QAM	1@1	24.05	22.72	0.1871
41	30	10	500202	2501.01	DFT-s-OFDM 16 QAM	1@22	24.03	22.7	0.1862
41	30	10	518598	2592.99	DFT-s-OFDM QPSK	12@6	25.29	23.96	0.2489
41	30	10	518598	2592.99	DFT-s-OFDM QPSK	1@1	25.16	23.83	0.2415
41	30	10	518598	2592.99	DFT-s-OFDM QPSK	1@22	25.2	23.87	0.2438
41	30	10	518598	2592.99	DFT-s-OFDM 16 QAM	12@6	24.3	22.97	0.1982
41	30	10	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	24.32	22.99	0.1991
41	30	10	518598	2592.99	DFT-s-OFDM 16 QAM	1@22	24.45	23.12	0.2051
41	30	10	537000	2685	DFT-s-OFDM QPSK	12@6	25.5	24.17	0.2612
41	30	10	537000	2685	DFT-s-OFDM QPSK	1@1	25.29	23.96	0.2489
41	30	10	537000	2685	DFT-s-OFDM QPSK	1@22	25.35	24.02	0.2523
41	30	10	537000	2685	DFT-s-OFDM 16 QAM	12@6	24.66	23.33	0.2153
41	30	10	537000	2685	DFT-s-OFDM 16 QAM	1@1	24.6	23.27	0.2123
41	30	10	537000	2685	DFT-s-OFDM 16 QAM	1@22	24.5	23.17	0.2075
41	30	15	500700	2503.5	DFT-s-OFDM QPSK	18@9	24.88	23.55	0.2265
41	30	15	500700	2503.5	DFT-s-OFDM QPSK	1@1	24.82	23.49	0.2234
41	30	15	500700	2503.5	DFT-s-OFDM QPSK	1@36	24.73	23.4	0.2188
41	30	15	500700	2503.5	DFT-s-OFDM 16 QAM	18@9	23.98	22.65	0.1841
41	30	15	500700	2503.5	DFT-s-OFDM 16 QAM	1@1	23.95	22.62	0.1828
41	30	15	500700	2503.5	DFT-s-OFDM 16 QAM	1@36	23.83	22.5	0.1778
41	30	15	518598	2592.99	DFT-s-OFDM QPSK	18@9	25.25	23.92	0.2466
41	30	15	518598	2592.99	DFT-s-OFDM QPSK	1@1	25.11	23.78	0.2388
41	30	15	518598	2592.99	DFT-s-OFDM QPSK	1@36	25.16	23.83	0.2415
41	30	15	518598	2592.99	DFT-s-OFDM 16 QAM	18@9	24.34	23.01	0.2000
41	30	15	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	24.18	22.85	0.1928
41	30	15	518598	2592.99	DFT-s-OFDM 16 QAM	1@36	24.25	22.92	0.1959
41	30	15	536496	2682.48	DFT-s-OFDM QPSK	18@9	25.51	24.18	0.2618
41	30	15	536496	2682.48	DFT-s-OFDM QPSK	1@1	25.28	23.95	0.2483
41	30	15	536496	2682.48	DFT-s-OFDM QPSK	1@36	25.35	24.02	0.2523
41	30	15	536496	2682.48	DFT-s-OFDM 16 QAM	18@9	24.61	23.28	0.2128
41	30	15	536496	2682.48	DFT-s-OFDM 16 QAM	1@1	24.4	23.07	0.2028
41	30	15	536496	2682.48	DFT-s-OFDM 16 QAM	1@36	24.44	23.11	0.2046



41	30	20	501204	2506.02	DFT-s-OFDM QPSK	25@12	25	23.67	0.2328
41	30	20	501204	2506.02	DFT-s-OFDM QPSK	1@1	24.89	23.56	0.2270
41	30	20	501204	2506.02	DFT-s-OFDM QPSK	1@49	24.84	23.51	0.2244
41	30	20	501204	2506.02	DFT-s-OFDM 16 QAM	25@12	23.98	22.65	0.1841
41	30	20	501204	2506.02	DFT-s-OFDM 16 QAM	1@1	24.06	22.73	0.1875
41	30	20	501204	2506.02	DFT-s-OFDM 16 QAM	1@49	23.93	22.6	0.1820
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	25@12	25.29	23.96	0.2489
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	1@1	25.1	23.77	0.2382
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	1@49	25.18	23.85	0.2427
41	30	20	518598	2592.99	DFT-s-OFDM 16 QAM	25@12	24.33	23	0.1995
41	30	20	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	24.18	22.85	0.1928
41	30	20	518598	2592.99	DFT-s-OFDM 16 QAM	1@49	24.25	22.92	0.1959
41	30	20	535998	2679.99	DFT-s-OFDM QPSK	25@12	25.58	24.25	0.2661
41	30	20	535998	2679.99	DFT-s-OFDM QPSK	1@1	25.31	23.98	0.2500
41	30	20	535998	2679.99	DFT-s-OFDM QPSK	1@49	25.38	24.05	0.2541
41	30	20	535998	2679.99	DFT-s-OFDM 16 QAM	25@12	24.66	23.33	0.2153
41	30	20	535998	2679.99	DFT-s-OFDM 16 QAM	1@1	24.43	23.1	0.2042
41	30	20	535998	2679.99	DFT-s-OFDM 16 QAM	1@49	24.49	23.16	0.2070
41	30	25	501702	2508.51	DFT-s-OFDM QPSK	32@16	24.93	23.6	0.2291
41	30	25	501702	2508.51	DFT-s-OFDM QPSK	1@1	24.86	23.53	0.2254
41	30	25	501702	2508.51	DFT-s-OFDM QPSK	1@63	24.8	23.47	0.2223
41	30	25	501702	2508.51	DFT-s-OFDM 16 QAM	32@16	23.99	22.66	0.1845
41	30	25	501702	2508.51	DFT-s-OFDM 16 QAM	1@1	23.95	22.62	0.1828
41	30	25	501702	2508.51	DFT-s-OFDM 16 QAM	1@63	23.87	22.54	0.1795
41	30	25	518598	2592.99	DFT-s-OFDM QPSK	32@16	25.21	23.88	0.2443
41	30	25	518598	2592.99	DFT-s-OFDM QPSK	1@1	25.03	23.7	0.2344
41	30	25	518598	2592.99	DFT-s-OFDM QPSK	1@63	25.16	23.83	0.2415
41	30	25	518598	2592.99	DFT-s-OFDM 16 QAM	32@16	24.25	22.92	0.1959
41	30	25	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	24.18	22.85	0.1928
41	30	25	518598	2592.99	DFT-s-OFDM 16 QAM	1@63	24.27	22.94	0.1968
41	30	25	535500	2677.5	DFT-s-OFDM QPSK	32@16	25.54	24.21	0.2636
41	30	25	535500	2677.5	DFT-s-OFDM QPSK	1@1	25.32	23.99	0.2506
41	30	25	535500	2677.5	DFT-s-OFDM QPSK	1@63	25.47	24.14	0.2594
41	30	25	535500	2677.5	DFT-s-OFDM 16 QAM	32@16	24.62	23.29	0.2133
41	30	25	535500	2677.5	DFT-s-OFDM 16 QAM	1@1	24.43	23.1	0.2042
41	30	25	535500	2677.5	DFT-s-OFDM 16 QAM	1@63	24.45	23.12	0.2051
41	30	30	502200	2511	DFT-s-OFDM QPSK	36@18	24.95	23.62	0.2301
41	30	30	502200	2511	DFT-s-OFDM QPSK	1@1	24.9	23.57	0.2275
41	30	30	502200	2511	DFT-s-OFDM QPSK	1@76	24.96	23.63	0.2307
41	30	30	502200	2511	DFT-s-OFDM 16 QAM	36@18	23.98	22.65	0.1841
41	30	30	502200	2511	DFT-s-OFDM 16 QAM	1@1	24.02	22.69	0.1858
41	30	30	502200	2511	DFT-s-OFDM 16 QAM	1@76	24.01	22.68	0.1854
41	30	30	518598	2592.99	DFT-s-OFDM QPSK	36@18	25.23	23.9	0.2455
41	30	30	518598	2592.99	DFT-s-OFDM QPSK	1@1	25.02	23.69	0.2339
41	30	30	518598	2592.99	DFT-s-OFDM QPSK	1@76	25.27	23.94	0.2477



41	30	30	518598	2592.99	DFT-s-OFDM 16 QAM	36@18	24.25	22.92	0.1959
41	30	30	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	24.19	22.86	0.1932
41	30	30	518598	2592.99	DFT-s-OFDM 16 QAM	1@76	24.31	22.98	0.1986
41	30	30	534996	2674.98	DFT-s-OFDM QPSK	36@18	25.5	24.17	0.2612
41	30	30	534996	2674.98	DFT-s-OFDM QPSK	1@1	25.31	23.98	0.2500
41	30	30	534996	2674.98	DFT-s-OFDM QPSK	1@76	25.46	24.13	0.2588
41	30	30	534996	2674.98	DFT-s-OFDM 16 QAM	36@18	24.53	23.2	0.2089
41	30	30	534996	2674.98	DFT-s-OFDM 16 QAM	1@1	24.49	23.16	0.2070
41	30	30	534996	2674.98	DFT-s-OFDM 16 QAM	1@76	24.46	23.13	0.2056
41	30	35	502704	2513.52	DFT-s-OFDM QPSK	45@22	24.96	23.63	0.2307
41	30	35	502704	2513.52	DFT-s-OFDM QPSK	1@1	24.91	23.58	0.2280
41	30	35	502704	2513.52	DFT-s-OFDM QPSK	1@90	24.87	23.54	0.2259
41	30	35	502704	2513.52	DFT-s-OFDM 16 QAM	45@22	23.99	22.66	0.1845
41	30	35	502704	2513.52	DFT-s-OFDM 16 QAM	1@1	24.01	22.68	0.1854
41	30	35	502704	2513.52	DFT-s-OFDM 16 QAM	1@90	23.92	22.59	0.1816
41	30	35	518598	2592.99	DFT-s-OFDM QPSK	45@22	25.23	23.9	0.2455
41	30	35	518598	2592.99	DFT-s-OFDM QPSK	1@1	25.1	23.77	0.2382
41	30	35	518598	2592.99	DFT-s-OFDM QPSK	1@90	25.28	23.95	0.2483
41	30	35	518598	2592.99	DFT-s-OFDM 16 QAM	45@22	24.27	22.94	0.1968
41	30	35	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	24.13	22.8	0.1905
41	30	35	518598	2592.99	DFT-s-OFDM 16 QAM	1@90	24.31	22.98	0.1986
41	30	35	534498	2672.49	DFT-s-OFDM QPSK	45@22	25.53	24.2	0.2630
41	30	35	534498	2672.49	DFT-s-OFDM QPSK	1@1	25.26	23.93	0.2472
41	30	35	534498	2672.49	DFT-s-OFDM QPSK	1@90	25.39	24.06	0.2547
41	30	35	534498	2672.49	DFT-s-OFDM 16 QAM	45@22	24.6	23.27	0.2123
41	30	35	534498	2672.49	DFT-s-OFDM 16 QAM	1@1	24.4	23.07	0.2028
41	30	35	534498	2672.49	DFT-s-OFDM 16 QAM	1@90	24.52	23.19	0.2084
41	30	40	503202	2516.01	DFT-s-OFDM QPSK	50@25	25	23.67	0.2328
41	30	40	503202	2516.01	DFT-s-OFDM QPSK	1@1	24.91	23.58	0.2280
41	30	40	503202	2516.01	DFT-s-OFDM QPSK	1@104	25.01	23.68	0.2333
41	30	40	503202	2516.01	DFT-s-OFDM 16 QAM	50@25	23.99	22.66	0.1845
41	30	40	503202	2516.01	DFT-s-OFDM 16 QAM	1@1	24.04	22.71	0.1866
41	30	40	503202	2516.01	DFT-s-OFDM 16 QAM	1@104	24.05	22.72	0.1871
41	30	40	518598	2592.99	DFT-s-OFDM QPSK	50@25	25.26	23.93	0.2472
41	30	40	518598	2592.99	DFT-s-OFDM QPSK	1@1	24.95	23.62	0.2301
41	30	40	518598	2592.99	DFT-s-OFDM QPSK	1@104	25.32	23.99	0.2506
41	30	40	518598	2592.99	DFT-s-OFDM 16 QAM	50@25	24.3	22.97	0.1982
41	30	40	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	24.07	22.74	0.1879
41	30	40	518598	2592.99	DFT-s-OFDM 16 QAM	1@104	24.3	22.97	0.1982
41	30	40	534000	2670	DFT-s-OFDM QPSK	50@25	25.56	24.23	0.2649
41	30	40	534000	2670	DFT-s-OFDM QPSK	1@1	25.23	23.9	0.2455
41	30	40	534000	2670	DFT-s-OFDM QPSK	1@104	25.57	24.24	0.2655
41	30	40	534000	2670	DFT-s-OFDM 16 QAM	50@25	24.64	23.31	0.2143
41	30	40	534000	2670	DFT-s-OFDM 16 QAM	1@1	24.39	23.06	0.2023
41	30	40	534000	2670	DFT-s-OFDM 16 QAM	1@104	24.54	23.21	0.2094



41	30	45	503700	2518.5	DFT-s-OFDM QPSK	54@27	24.98	23.65	0.2317
41	30	45	503700	2518.5	DFT-s-OFDM QPSK	1@1	24.88	23.55	0.2265
41	30	45	503700	2518.5	DFT-s-OFDM QPSK	1@117	24.96	23.63	0.2307
41	30	45	503700	2518.5	DFT-s-OFDM 16 QAM	54@27	24.03	22.7	0.1862
41	30	45	503700	2518.5	DFT-s-OFDM 16 QAM	1@1	24	22.67	0.1849
41	30	45	503700	2518.5	DFT-s-OFDM 16 QAM	1@117	24.03	22.7	0.1862
41	30	45	518598	2592.99	DFT-s-OFDM QPSK	54@27	25.3	23.97	0.2495
41	30	45	518598	2592.99	DFT-s-OFDM QPSK	1@1	24.9	23.57	0.2275
41	30	45	518598	2592.99	DFT-s-OFDM QPSK	1@117	25.23	23.9	0.2455
41	30	45	518598	2592.99	DFT-s-OFDM 16 QAM	54@27	24.32	22.99	0.1991
41	30	45	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	24.07	22.74	0.1879
41	30	45	518598	2592.99	DFT-s-OFDM 16 QAM	1@117	24.3	22.97	0.1982
41	30	45	533496	2667.48	DFT-s-OFDM QPSK	54@27	25.43	24.1	0.2570
41	30	45	533496	2667.48	DFT-s-OFDM QPSK	1@1	25.2	23.87	0.2438
41	30	45	533496	2667.48	DFT-s-OFDM QPSK	1@117	25.44	24.11	0.2576
41	30	45	533496	2667.48	DFT-s-OFDM 16 QAM	54@27	24.69	23.36	0.2168
41	30	45	533496	2667.48	DFT-s-OFDM 16 QAM	1@1	24.34	23.01	0.2000
41	30	45	533496	2667.48	DFT-s-OFDM 16 QAM	1@117	24.54	23.21	0.2094
41	30	50	504204	2521.02	DFT-s-OFDM QPSK	64@32	24.98	23.65	0.2317
41	30	50	504204	2521.02	DFT-s-OFDM QPSK	1@1	24.85	23.52	0.2249
41	30	50	504204	2521.02	DFT-s-OFDM QPSK	1@131	25	23.67	0.2328
41	30	50	504204	2521.02	DFT-s-OFDM 16 QAM	64@32	23.99	22.66	0.1845
41	30	50	504204	2521.02	DFT-s-OFDM 16 QAM	1@1	23.97	22.64	0.1837
41	30	50	504204	2521.02	DFT-s-OFDM 16 QAM	1@131	24.01	22.68	0.1854
41	30	50	518598	2592.99	DFT-s-OFDM QPSK	64@32	25.32	23.99	0.2506
41	30	50	518598	2592.99	DFT-s-OFDM QPSK	1@1	24.85	23.52	0.2249
41	30	50	518598	2592.99	DFT-s-OFDM QPSK	1@131	25.3	23.97	0.2495
41	30	50	518598	2592.99	DFT-s-OFDM 16 QAM	64@32	24.27	22.94	0.1968
41	30	50	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	23.97	22.64	0.1837
41	30	50	518598	2592.99	DFT-s-OFDM 16 QAM	1@131	24.31	22.98	0.1986
41	30	50	532998	2664.99	DFT-s-OFDM QPSK	64@32	25.6	24.27	0.2673
41	30	50	532998	2664.99	DFT-s-OFDM QPSK	1@1	25.11	23.78	0.2388
41	30	50	532998	2664.99	DFT-s-OFDM QPSK	1@131	25.44	24.11	0.2576
41	30	50	532998	2664.99	DFT-s-OFDM 16 QAM	64@32	24.57	23.24	0.2109
41	30	50	532998	2664.99	DFT-s-OFDM 16 QAM	1@1	24.22	22.89	0.1945
41	30	50	532998	2664.99	DFT-s-OFDM 16 QAM	1@131	24.47	23.14	0.2061
41	30	60	505200	2526	DFT-s-OFDM QPSK	81@40	24.99	23.66	0.2323
41	30	60	505200	2526	DFT-s-OFDM QPSK	1@1	24.83	23.5	0.2239
41	30	60	505200	2526	DFT-s-OFDM QPSK	1@160	24.89	23.56	0.2270
41	30	60	505200	2526	DFT-s-OFDM 16 QAM	81@40	24.09	22.76	0.1888
41	30	60	505200	2526	DFT-s-OFDM 16 QAM	1@1	23.94	22.61	0.1824
41	30	60	505200	2526	DFT-s-OFDM 16 QAM	1@160	23.99	22.66	0.1845
41	30	60	518598	2592.99	DFT-s-OFDM QPSK	81@40	25.23	23.9	0.2455
41	30	60	518598	2592.99	DFT-s-OFDM QPSK	1@1	24.82	23.49	0.2234
41	30	60	518598	2592.99	DFT-s-OFDM QPSK	1@160	25.27	23.94	0.2477



41	30	60	518598	2592.99	DFT-s-OFDM 16 QAM	81@40	24.32	22.99	0.1991
41	30	60	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	23.95	22.62	0.1828
41	30	60	518598	2592.99	DFT-s-OFDM 16 QAM	1@160	24.39	23.06	0.2023
41	30	60	531996	2659.98	DFT-s-OFDM QPSK	81@40	25.51	24.18	0.2618
41	30	60	531996	2659.98	DFT-s-OFDM QPSK	1@1	25.07	23.74	0.2366
41	30	60	531996	2659.98	DFT-s-OFDM QPSK	1@160	25.45	24.12	0.2582
41	30	60	531996	2659.98	DFT-s-OFDM 16 QAM	81@40	24.62	23.29	0.2133
41	30	60	531996	2659.98	DFT-s-OFDM 16 QAM	1@1	24.14	22.81	0.1910
41	30	60	531996	2659.98	DFT-s-OFDM 16 QAM	1@160	24.51	23.18	0.2080
41	30	70	505200	2531.01	DFT-s-OFDM QPSK	90@45	25.14	23.81	0.2404
41	30	70	505200	2531.01	DFT-s-OFDM QPSK	1@1	24.99	23.66	0.2323
41	30	70	505200	2531.01	DFT-s-OFDM QPSK	1@187	24.98	23.65	0.2317
41	30	70	505200	2531.01	DFT-s-OFDM 16 QAM	90@45	24.2	22.87	0.1936
41	30	70	505200	2531.01	DFT-s-OFDM 16 QAM	1@1	24.12	22.79	0.1901
41	30	70	505200	2531.01	DFT-s-OFDM 16 QAM	1@187	24.07	22.74	0.1879
41	30	70	518598	2592.99	DFT-s-OFDM QPSK	90@45	25.32	23.99	0.2506
41	30	70	518598	2592.99	DFT-s-OFDM QPSK	1@1	24.87	23.54	0.2259
41	30	70	518598	2592.99	DFT-s-OFDM QPSK	1@187	25.45	24.12	0.2582
41	30	70	518598	2592.99	DFT-s-OFDM 16 QAM	90@45	24.4	23.07	0.2028
41	30	70	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	24.08	22.75	0.1884
41	30	70	518598	2592.99	DFT-s-OFDM 16 QAM	1@187	24.49	23.16	0.2070
41	30	70	531996	2655	DFT-s-OFDM QPSK	90@45	25.5	24.17	0.2612
41	30	70	531996	2655	DFT-s-OFDM QPSK	1@1	25.12	23.79	0.2393
41	30	70	531996	2655	DFT-s-OFDM QPSK	1@187	25.49	24.16	0.2606
41	30	70	531996	2655	DFT-s-OFDM 16 QAM	90@45	24.77	23.44	0.2208
41	30	70	531996	2655	DFT-s-OFDM 16 QAM	1@1	24.17	22.84	0.1923
41	30	70	531996	2655	DFT-s-OFDM 16 QAM	1@187	24.72	23.39	0.2183
41	30	80	507204	2536.02	DFT-s-OFDM QPSK	108@54	25.16	23.83	0.2415
41	30	80	507204	2536.02	DFT-s-OFDM QPSK	1@1	25.05	23.72	0.2355
41	30	80	507204	2536.02	DFT-s-OFDM QPSK	1@215	25.13	23.8	0.2399
41	30	80	507204	2536.02	DFT-s-OFDM 16 QAM	108@54	24.22	22.89	0.1945
41	30	80	507204	2536.02	DFT-s-OFDM 16 QAM	1@1	24.2	22.87	0.1936
41	30	80	507204	2536.02	DFT-s-OFDM 16 QAM	1@215	24.17	22.84	0.1923
41	30	80	518598	2592.99	DFT-s-OFDM QPSK	108@54	25.28	23.95	0.2483
41	30	80	518598	2592.99	DFT-s-OFDM QPSK	1@1	25.01	23.68	0.2333
41	30	80	518598	2592.99	DFT-s-OFDM QPSK	1@215	25.53	24.2	0.2630
41	30	80	518598	2592.99	DFT-s-OFDM 16 QAM	108@54	24.36	23.03	0.2009
41	30	80	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	24.15	22.82	0.1914
41	30	80	518598	2592.99	DFT-s-OFDM 16 QAM	1@215	24.59	23.26	0.2118
41	30	80	529998	2649.99	DFT-s-OFDM QPSK	108@54	25.61	24.28	0.2679
41	30	80	529998	2649.99	DFT-s-OFDM QPSK	1@1	25.06	23.73	0.2360
41	30	80	529998	2649.99	DFT-s-OFDM QPSK	1@215	25.5	24.17	0.2612
41	30	80	529998	2649.99	DFT-s-OFDM 16 QAM	108@54	24.69	23.36	0.2168
41	30	80	529998	2649.99	DFT-s-OFDM 16 QAM	1@1	24.24	22.91	0.1954
41	30	80	529998	2649.99	DFT-s-OFDM 16 QAM	1@215	24.82	23.49	0.2234



41	30	90	508200	2541	DFT-s-OFDM QPSK	120@60	25.14	23.81	0.2404
41	30	90	508200	2541	DFT-s-OFDM QPSK	1@1	25	23.67	0.2328
41	30	90	508200	2541	DFT-s-OFDM QPSK	1@243	25.21	23.88	0.2443
41	30	90	508200	2541	DFT-s-OFDM 16 QAM	120@60	24.15	22.82	0.1914
41	30	90	508200	2541	DFT-s-OFDM 16 QAM	1@1	24.1	22.77	0.1892
41	30	90	508200	2541	DFT-s-OFDM 16 QAM	1@243	24.24	22.91	0.1954
41	30	90	518598	2592.99	DFT-s-OFDM QPSK	120@60	25.3	23.97	0.2495
41	30	90	518598	2592.99	DFT-s-OFDM QPSK	1@1	24.93	23.6	0.2291
41	30	90	518598	2592.99	DFT-s-OFDM QPSK	1@243	25.58	24.25	0.2661
41	30	90	518598	2592.99	DFT-s-OFDM 16 QAM	120@60	24.33	23	0.1995
41	30	90	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	24.06	22.73	0.1875
41	30	90	518598	2592.99	DFT-s-OFDM 16 QAM	1@243	24.6	23.27	0.2123
41	30	90	528996	2644.98	DFT-s-OFDM QPSK	120@60	25.49	24.16	0.2606
41	30	90	528996	2644.98	DFT-s-OFDM QPSK	1@1	24.96	23.63	0.2307
41	30	90	528996	2644.98	DFT-s-OFDM QPSK	1@243	25.48	24.15	0.2600
41	30	90	528996	2644.98	DFT-s-OFDM 16 QAM	120@60	24.54	23.21	0.2094
41	30	90	528996	2644.98	DFT-s-OFDM 16 QAM	1@1	24.12	22.79	0.1901
41	30	90	528996	2644.98	DFT-s-OFDM 16 QAM	1@243	24.73	23.4	0.2188
41	30	100	509202	2546.01	DFT-s-OFDM PI/2 BPSK	135@67	25.38	24.05	0.2541
41	30	100	509202	2546.01	DFT-s-OFDM PI/2 BPSK	1@1	25.36	24.03	0.2529
41	30	100	509202	2546.01	DFT-s-OFDM PI/2 BPSK	1@271	25.61	24.28	0.2679
41	30	100	509202	2546.01	DFT-s-OFDM QPSK	135@67	25.45	24.12	0.2582
41	30	100	509202	2546.01	DFT-s-OFDM QPSK	1@1	25.33	24	0.2512
41	30	100	509202	2546.01	DFT-s-OFDM QPSK	1@271	25.5	24.17	0.2612
41	30	100	509202	2546.01	DFT-s-OFDM 16 QAM	135@67	24.47	23.14	0.2061
41	30	100	509202	2546.01	DFT-s-OFDM 16 QAM	1@1	24.32	22.99	0.1991
41	30	100	509202	2546.01	DFT-s-OFDM 16 QAM	1@271	24.61	23.28	0.2128
41	30	100	509202	2546.01	DFT-s-OFDM 64 QAM	135@67	22.98	21.65	0.1462
41	30	100	509202	2546.01	DFT-s-OFDM 64 QAM	1@1	23.03	21.7	0.1479
41	30	100	509202	2546.01	DFT-s-OFDM 64 QAM	1@271	23.17	21.84	0.1528
41	30	100	509202	2546.01	DFT-s-OFDM 256 QAM	135@67	21.01	19.68	0.0929
41	30	100	509202	2546.01	DFT-s-OFDM 256 QAM	1@1	20.74	19.41	0.0873
41	30	100	509202	2546.01	DFT-s-OFDM 256 QAM	1@271	21.01	19.68	0.0929
41	30	100	509202	2546.01	CP-OFDM QPSK	137@68	23.85	22.52	0.1786
41	30	100	509202	2546.01	CP-OFDM QPSK	1@1	23.79	22.46	0.1762
41	30	100	509202	2546.01	CP-OFDM QPSK	1@271	23.96	22.63	0.1832
41	30	100	518598	2592.99	DFT-s-OFDM PI/2 BPSK	135@67	25.45	24.12	0.2582
41	30	100	518598	2592.99	DFT-s-OFDM PI/2 BPSK	1@1	25.28	23.95	0.2483
41	30	100	518598	2592.99	DFT-s-OFDM PI/2 BPSK	1@271	25.49	24.16	0.2606
41	30	100	518598	2592.99	DFT-s-OFDM QPSK	135@67	25.52	24.19	0.2624
41	30	100	518598	2592.99	DFT-s-OFDM QPSK	1@1	25.19	23.86	0.2432
41	30	100	518598	2592.99	DFT-s-OFDM QPSK	1@271	25.49	24.16	0.2606
41	30	100	518598	2592.99	DFT-s-OFDM 16 QAM	135@67	24.54	23.21	0.2094
41	30	100	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	24.29	22.96	0.1977
41	30	100	518598	2592.99	DFT-s-OFDM 16 QAM	1@271	24.91	23.58	0.2280



41	30	100	518598	2592.99	DFT-s-OFDM 64 QAM	135@67	23.08	21.75	0.1496
41	30	100	518598	2592.99	DFT-s-OFDM 64 QAM	1@1	22.89	21.56	0.1432
41	30	100	518598	2592.99	DFT-s-OFDM 64 QAM	1@271	23.5	22.17	0.1648
41	30	100	518598	2592.99	DFT-s-OFDM 256 QAM	135@67	21.16	19.83	0.0962
41	30	100	518598	2592.99	DFT-s-OFDM 256 QAM	1@1	20.67	19.34	0.0859
41	30	100	518598	2592.99	DFT-s-OFDM 256 QAM	1@271	21.32	19.99	0.0998
41	30	100	518598	2592.99	CP-OFDM QPSK	137@68	23.95	22.62	0.1828
41	30	100	518598	2592.99	CP-OFDM QPSK	1@1	23.73	22.4	0.1738
41	30	100	518598	2592.99	CP-OFDM QPSK	1@271	24.43	23.1	0.2042
41	30	100	528000	2640	DFT-s-OFDM PI/2 BPSK	135@67	25.62	24.29	0.2685
41	30	100	528000	2640	DFT-s-OFDM PI/2 BPSK	1@1	25.26	23.93	0.2472
41	30	100	528000	2640	DFT-s-OFDM PI/2 BPSK	1@271	25.54	24.21	0.2636
41	30	100	528000	2640	DFT-s-OFDM QPSK	135@67	25.5	24.17	0.2612
41	30	100	528000	2640	DFT-s-OFDM QPSK	1@1	25.19	23.86	0.2432
41	30	100	528000	2640	DFT-s-OFDM QPSK	1@271	25.53	24.2	0.2630
41	30	100	528000	2640	DFT-s-OFDM 16 QAM	135@67	24.77	23.44	0.2208
41	30	100	528000	2640	DFT-s-OFDM 16 QAM	1@1	24.3	22.97	0.1982
41	30	100	528000	2640	DFT-s-OFDM 16 QAM	1@271	24.9	23.57	0.2275
41	30	100	528000	2640	DFT-s-OFDM 64 QAM	135@67	23.31	21.98	0.1578
41	30	100	528000	2640	DFT-s-OFDM 64 QAM	1@1	22.96	21.63	0.1455
41	30	100	528000	2640	DFT-s-OFDM 64 QAM	1@271	23.66	22.33	0.1710
41	30	100	528000	2640	DFT-s-OFDM 256 QAM	135@67	21.36	20.03	0.1007
41	30	100	528000	2640	DFT-s-OFDM 256 QAM	1@1	20.7	19.37	0.0865
41	30	100	528000	2640	DFT-s-OFDM 256 QAM	1@271	21.44	20.11	0.1026
41	30	100	528000	2640	CP-OFDM QPSK	137@68	24.16	22.83	0.1919
41	30	100	528000	2640	CP-OFDM QPSK	1@1	23.73	22.4	0.1738
41	30	100	528000	2640	CP-OFDM QPSK	1@271	24.38	23.05	0.2018



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	19.2	PASS	NV
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	14.1	PASS	LV
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	12.7	PASS	HV
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	15	PASS	-30°C
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	10.5	PASS	-20°C
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	19.4	PASS	-10°C
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	17.6	PASS	0°C
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	18.4	PASS	10°C
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	19.2	PASS	20°C
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	14.3	PASS	30°C
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	16.2	PASS	40°C
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	13.3	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	$\cong 2496 \text{ MHz}$	PASS
$f_H + \text{MAX}(\Delta f) $	2688.661319	$\cong 2690 \text{ MHz}$	



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	4.12	13	PASS
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	5.2	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	8.5444	9.13
41	30	10	518598	2592.99	CP-OFDM 16 QAM	24@0	8.5897	9.123
41	30	10	518598	2592.99	CP-OFDM 64 QAM	24@0	8.5585	9.195
41	30	10	518598	2592.99	CP-OFDM 256 QAM	24@0	8.5751	9.162
41	30	15	518598	2592.99	CP-OFDM QPSK	38@0	13.569	14.34
41	30	15	518598	2592.99	CP-OFDM 16 QAM	38@0	13.624	14.35
41	30	15	518598	2592.99	CP-OFDM 64 QAM	38@0	13.605	14.29
41	30	15	518598	2592.99	CP-OFDM 256 QAM	38@0	13.6	14.25
41	30	20	518598	2592.99	CP-OFDM QPSK	51@0	18.188	18.9
41	30	20	518598	2592.99	CP-OFDM 16 QAM	51@0	18.218	19.1
41	30	20	518598	2592.99	CP-OFDM 64 QAM	51@0	18.133	19.01
41	30	20	518598	2592.99	CP-OFDM 256 QAM	51@0	18.199	19.07
41	30	25	518598	2592.99	CP-OFDM QPSK	65@0	23.209	24.09
41	30	25	518598	2592.99	CP-OFDM 16 QAM	65@0	23.182	24.09
41	30	25	518598	2592.99	CP-OFDM 64 QAM	65@0	23.131	24.11
41	30	25	518598	2592.99	CP-OFDM 256 QAM	65@0	23.297	24.26
41	30	30	518598	2592.99	CP-OFDM QPSK	78@0	27.729	28.75
41	30	30	518598	2592.99	CP-OFDM 16 QAM	78@0	27.842	29.16
41	30	30	518598	2592.99	CP-OFDM 64 QAM	78@0	27.736	28.82
41	30	30	518598	2592.99	CP-OFDM 256 QAM	78@0	27.81	29.08
41	30	35	518598	2592.99	CP-OFDM QPSK	92@0	32.881	33.95
41	30	35	518598	2592.99	CP-OFDM 16 QAM	92@0	32.957	34.08
41	30	35	518598	2592.99	CP-OFDM 64 QAM	92@0	32.858	34.17
41	30	35	518598	2592.99	CP-OFDM 256 QAM	92@0	32.831	34.04
41	30	40	518598	2592.99	CP-OFDM QPSK	106@0	37.778	39.13
41	30	40	518598	2592.99	CP-OFDM 16 QAM	106@0	37.877	39.31
41	30	40	518598	2592.99	CP-OFDM 64 QAM	106@0	37.851	39.21
41	30	40	518598	2592.99	CP-OFDM 256 QAM	106@0	37.733	39.3
41	30	45	518598	2592.99	CP-OFDM QPSK	119@0	42.47	43.94
41	30	45	518598	2592.99	CP-OFDM 16 QAM	119@0	42.62	43.98



41	30	45	518598	2592.99	CP-OFDM 64 QAM	119@0	42.547	43.94
41	30	45	518598	2592.99	CP-OFDM 256 QAM	119@0	42.462	43.89
41	30	50	518598	2592.99	CP-OFDM QPSK	133@0	47.384	49.16
41	30	50	518598	2592.99	CP-OFDM 16 QAM	133@0	47.409	49.19
41	30	50	518598	2592.99	CP-OFDM 64 QAM	133@0	47.49	49.13
41	30	50	518598	2592.99	CP-OFDM 256 QAM	133@0	47.519	49.14
41	30	60	518598	2592.99	CP-OFDM QPSK	162@0	57.774	59.67
41	30	60	518598	2592.99	CP-OFDM 16 QAM	162@0	57.652	59.75
41	30	60	518598	2592.99	CP-OFDM 64 QAM	162@0	57.85	59.73
41	30	60	518598	2592.99	CP-OFDM 256 QAM	162@0	57.599	59.7
41	30	70	518598	2592.99	CP-OFDM QPSK	189@0	67.491	69.62
41	30	70	518598	2592.99	CP-OFDM 16 QAM	189@0	67.573	69.71
41	30	70	518598	2592.99	CP-OFDM 64 QAM	189@0	67.626	69.71
41	30	70	518598	2592.99	CP-OFDM 256 QAM	189@0	67.382	69.65
41	30	80	518598	2592.99	CP-OFDM QPSK	217@0	77.402	79.85
41	30	80	518598	2592.99	CP-OFDM 16 QAM	217@0	77.554	80.0
41	30	80	518598	2592.99	CP-OFDM 64 QAM	217@0	77.64	80.02
41	30	80	518598	2592.99	CP-OFDM 256 QAM	217@0	77.68	79.96
41	30	90	518598	2592.99	CP-OFDM QPSK	245@0	87.247	90.25
41	30	90	518598	2592.99	CP-OFDM 16 QAM	245@0	87.441	90.12
41	30	90	518598	2592.99	CP-OFDM 64 QAM	245@0	87.601	90.17
41	30	90	518598	2592.99	CP-OFDM 256 QAM	245@0	87.741	90.27
41	30	100	518598	2592.99	CP-OFDM QPSK	273@0	97.595	100.5
41	30	100	518598	2592.99	CP-OFDM 16 QAM	273@0	97.525	100.5
41	30	100	518598	2592.99	CP-OFDM 64 QAM	273@0	97.554	100.5
41	30	100	518598	2592.99	CP-OFDM 256 QAM	273@0	97.507	100.6