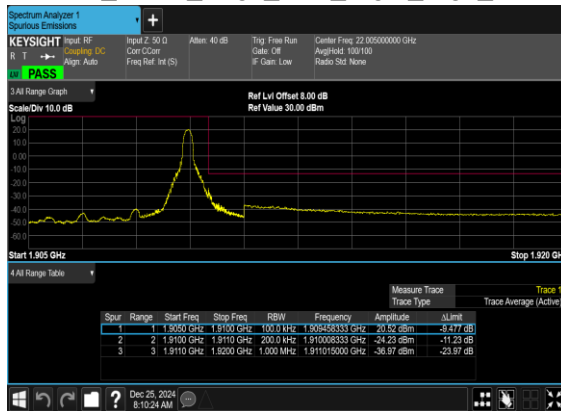
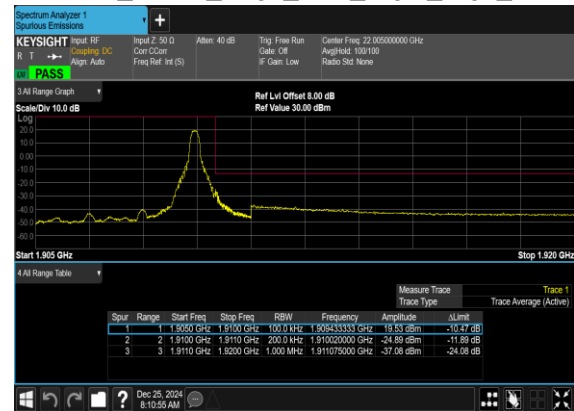




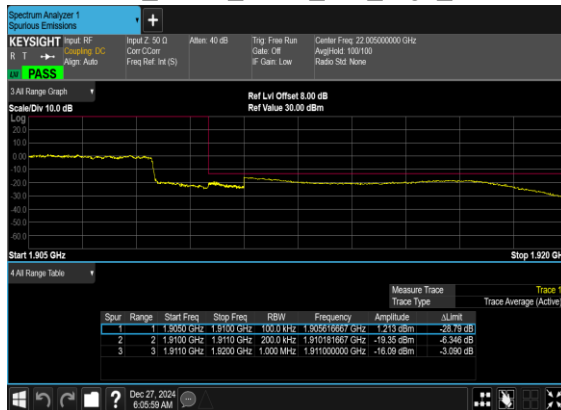
N2(20M)_DFT-s-
OFDM_BPSK_Edge_1RB_Right_High_CH



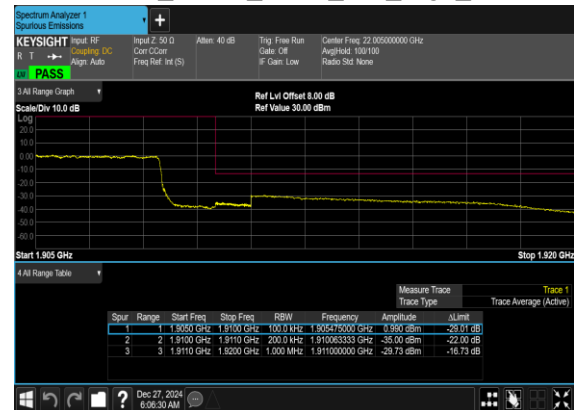
N2(20M)_DFT-s-
OFDM_QPSK_Edge_1RB_Right_High_CH



N2(20M)_DFT-s-
OFDM_BPSK_Outer_Full_High_CH

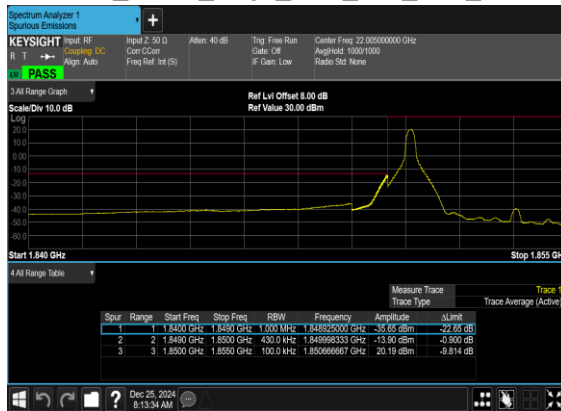


N2(20M)_DFT-s-
OFDM_QPSK_Outer_Full_High_CH

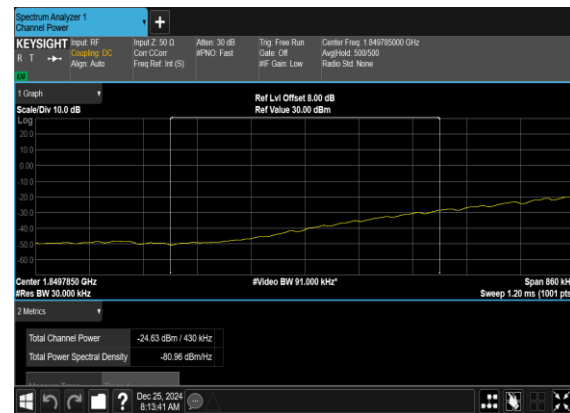




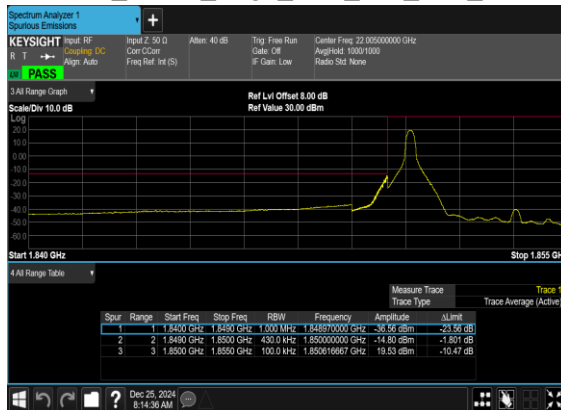
N2(40M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



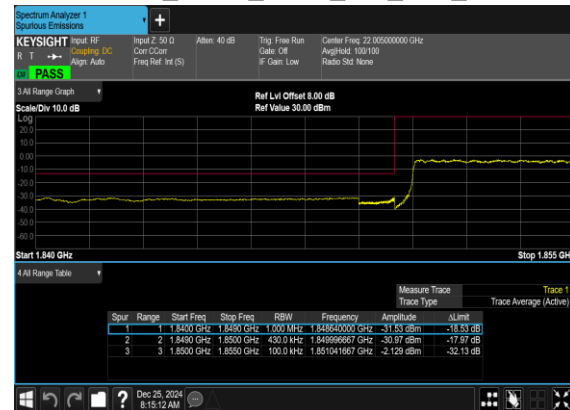
N2(40M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH_CHP_PA
SS



N2(40M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH

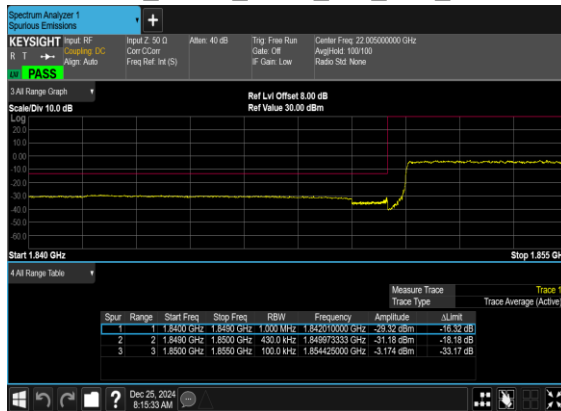


N2(40M)_DFT-s-
OFDM_BPSK_Outer_Full_Low_CH

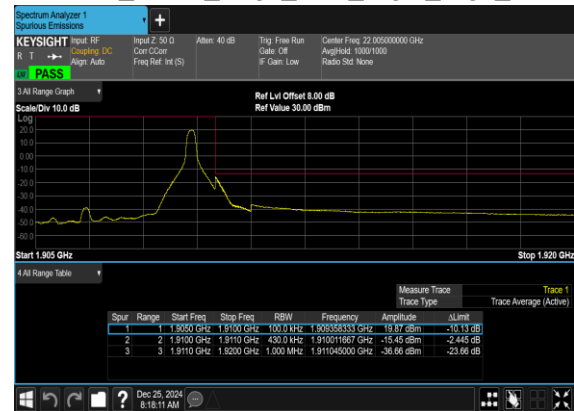




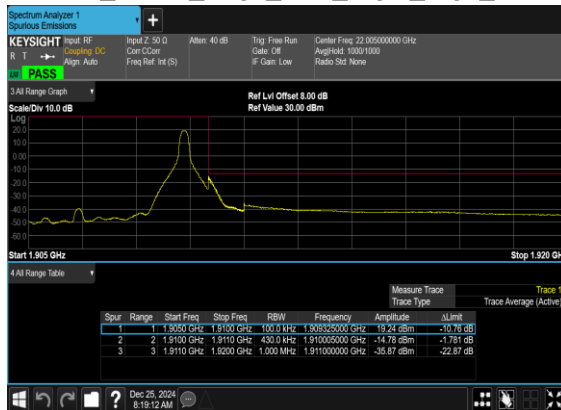
N2(40M)_DFT-s-
OFDM_QPSK_Outer_Full_Low_CH



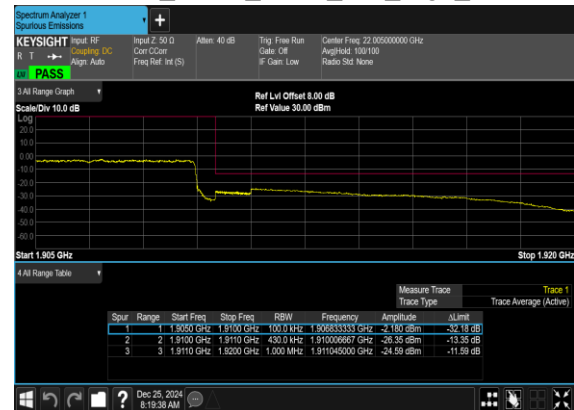
N2(40M)_DFT-s-
OFDM_BPSK_Edge_1RB_Right_High_CH



N2(40M)_DFT-s-
OFDM_QPSK_Edge_1RB_Right_High_CH

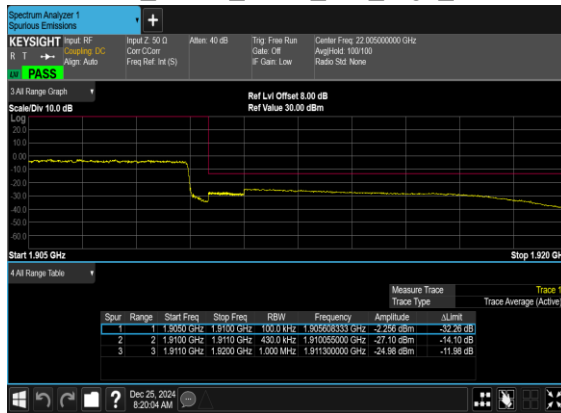


N2(40M)_DFT-s-
OFDM_BPSK_Outer_Full_High_CH





N2(40M)_DFT-s-
OFDM_QPSK_Outer_Full_High_CH





Software Version: 23.06.1602

FR1 N2 Other PA

LTE Band: 4, LTE BW: 10M, LTE ARFCN: Mid

Frequency Stability

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Deviation (Hz)	Verdict	Environment
2	15	20	376000	1880.0	DFT-s-OFDM QPSK	100@0	13.1	PASS	NV
2	15	20	376000	1880.0	DFT-s-OFDM QPSK	100@0	18.9	PASS	LV
2	15	20	376000	1880.0	DFT-s-OFDM QPSK	100@0	12.6	PASS	HV
2	15	20	376000	1880.0	DFT-s-OFDM QPSK	100@0	18.4	PASS	-30°C
2	15	20	376000	1880.0	DFT-s-OFDM QPSK	100@0	18.8	PASS	-20°C
2	15	20	376000	1880.0	DFT-s-OFDM QPSK	100@0	12.1	PASS	-10°C
2	15	20	376000	1880.0	DFT-s-OFDM QPSK	100@0	13	PASS	0°C
2	15	20	376000	1880.0	DFT-s-OFDM QPSK	100@0	12.6	PASS	10°C
2	15	20	376000	1880.0	DFT-s-OFDM QPSK	100@0	13.1	PASS	20°C
2	15	20	376000	1880.0	DFT-s-OFDM QPSK	100@0	10.7	PASS	30°C
2	15	20	376000	1880.0	DFT-s-OFDM QPSK	100@0	15.9	PASS	40°C
2	15	20	376000	1880.0	DFT-s-OFDM QPSK	100@0	19.2	PASS	50°C

 $|\text{MAX}(\Delta f)| = 19.2 \text{ Hz}$

Frequency Stability	Frequency (MHz)	Limit Line	Result
$f_L - \text{MAX}(\Delta f) $	1850.5294818	$\geq 1850 \text{ MHz}$	PASS
$f_H + \text{MAX}(\Delta f) $	1909.3916192	$\leq 1910 \text{ MHz}$	



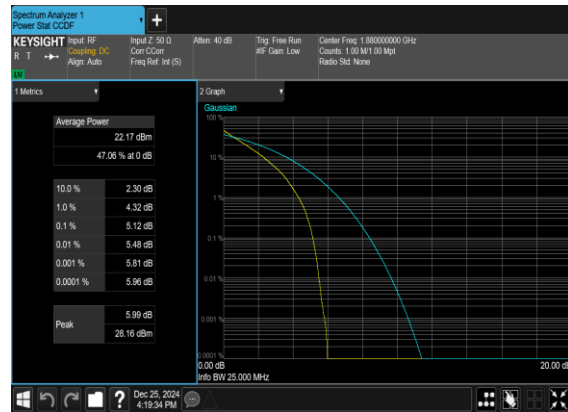
Peak to Average Ratio

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result (dB)	Limit (dB)	Verdict
2	15	20	376000	1880.0	DFT-s-OFDM PI/2 BPSK	100@0	4.09	13	PASS
2	15	20	376000	1880.0	DFT-s-OFDM QPSK	100@0	5.12	13	PASS

B4_N2(20M)_DFT-s-OFDM_PI_2-
BPSK_Outer_Full_Mid_CH



B4_N2(20M)_DFT-s-OFDM_QPSK_Outer_Full_Mid_CH





Occupied Bandwidth

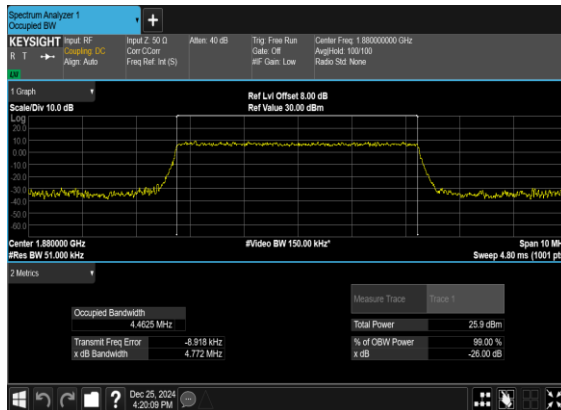
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	OBW (MHz)	26dB BW (MHz)
2	15	5	376000	1880.0	CP-OFDM QPSK	25@0	4.4625	4.772
2	15	5	376000	1880.0	CP-OFDM 16 QAM	25@0	4.4665	4.773
2	15	5	376000	1880.0	CP-OFDM 64 QAM	25@0	4.4768	4.848
2	15	5	376000	1880.0	CP-OFDM 256 QAM	25@0	4.4701	4.786
2	15	10	376000	1880.0	CP-OFDM QPSK	52@0	9.2675	9.69
2	15	10	376000	1880.0	CP-OFDM 16 QAM	52@0	9.2748	9.733
2	15	10	376000	1880.0	CP-OFDM 64 QAM	52@0	9.2661	9.684
2	15	10	376000	1880.0	CP-OFDM 256 QAM	52@0	9.2633	9.706
2	15	15	376000	1880.0	CP-OFDM QPSK	79@0	14.081	14.69
2	15	15	376000	1880.0	CP-OFDM 16 QAM	79@0	14.098	14.7
2	15	15	376000	1880.0	CP-OFDM 64 QAM	79@0	14.12	14.7
2	15	15	376000	1880.0	CP-OFDM 256 QAM	79@0	14.109	14.68
2	15	20	376000	1880.0	CP-OFDM QPSK	106@0	18.884	19.72
2	15	20	376000	1880.0	CP-OFDM 16 QAM	106@0	18.916	19.71
2	15	20	376000	1880.0	CP-OFDM 64 QAM	106@0	18.934	19.62
2	15	20	376000	1880.0	CP-OFDM 256 QAM	106@0	18.867	19.66
2	15	25	376000	1880.0	CP-OFDM QPSK	133@0	23.726	24.68
2	15	25	376000	1880.0	CP-OFDM 16 QAM	133@0	23.745	24.66
2	15	25	376000	1880.0	CP-OFDM 64 QAM	133@0	23.789	24.74
2	15	25	376000	1880.0	CP-OFDM 256 QAM	133@0	23.701	24.65
2	15	30	376000	1880.0	CP-OFDM QPSK	160@0	28.592	29.69
2	15	30	376000	1880.0	CP-OFDM 16 QAM	160@0	28.525	29.68



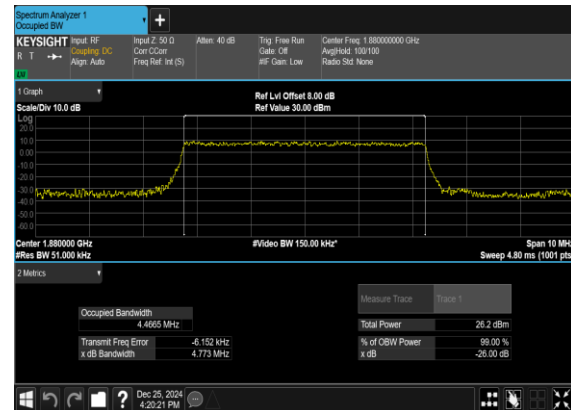
2	15	30	376000	1880.0	CP-OFDM 64 QAM	160@0	28.495	29.77
2	15	30	376000	1880.0	CP-OFDM 256 QAM	160@0	28.524	29.57
2	15	35	376000	1880.0	CP-OFDM QPSK	188@0	33.587	34.77
2	15	35	376000	1880.0	CP-OFDM 16 QAM	188@0	33.543	34.77
2	15	35	376000	1880.0	CP-OFDM 64 QAM	188@0	33.602	34.84
2	15	35	376000	1880.0	CP-OFDM 256 QAM	188@0	33.525	34.7
2	15	40	376000	1880.0	CP-OFDM QPSK	216@0	38.645	39.96
2	15	40	376000	1880.0	CP-OFDM 16 QAM	216@0	38.644	39.97
2	15	40	376000	1880.0	CP-OFDM 64 QAM	216@0	38.66	39.93
2	15	40	376000	1880.0	CP-OFDM 256 QAM	216@0	38.555	39.87



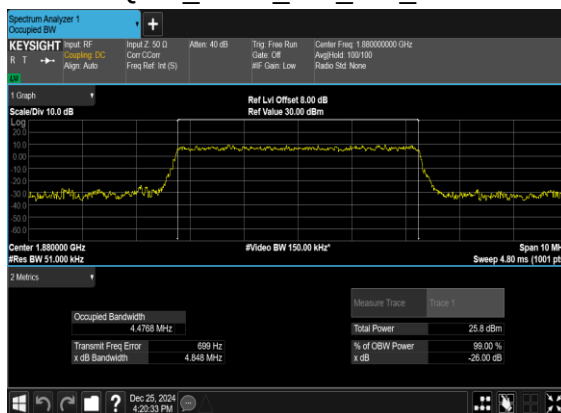
B4_N2(5M)_CP-
OFDM_QPSK_Outer_Full_Mid_CH



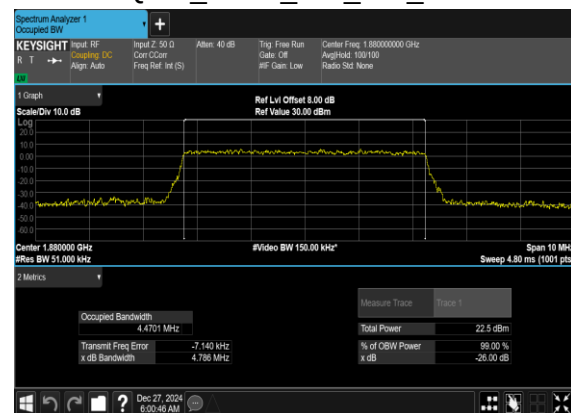
B4_N2(5M)_CP-OFDM_16
QAM_Outer_Full_Mid_CH



B4_N2(5M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH

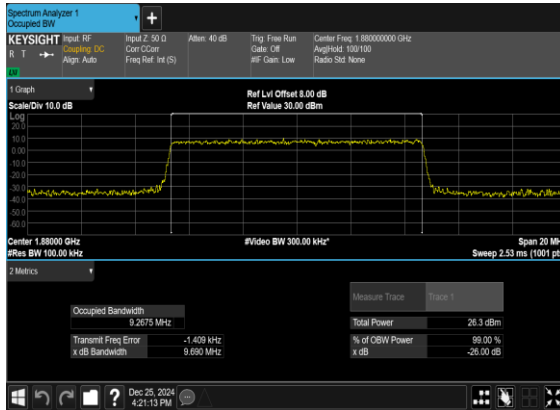


B4_N2 (5M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH

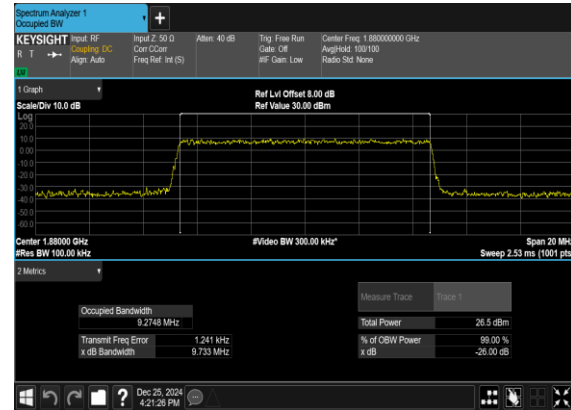




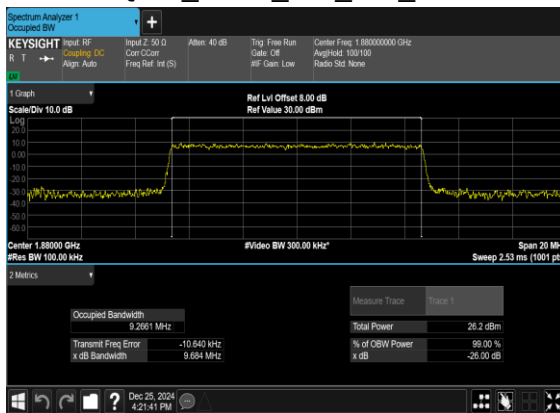
B4_N2(10M)_CP-
OFDM_QPSK_Outer_Full_Mid_CH



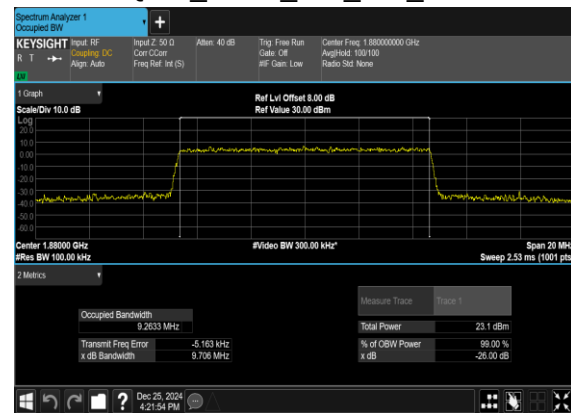
B4_N2(10M)_CP-OFDM_16
QAM_Outer_Full_Mid_CH



B4_N2(10M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH

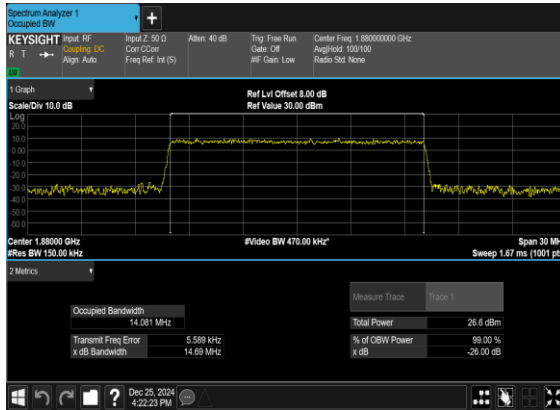


B4_N2(10M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH

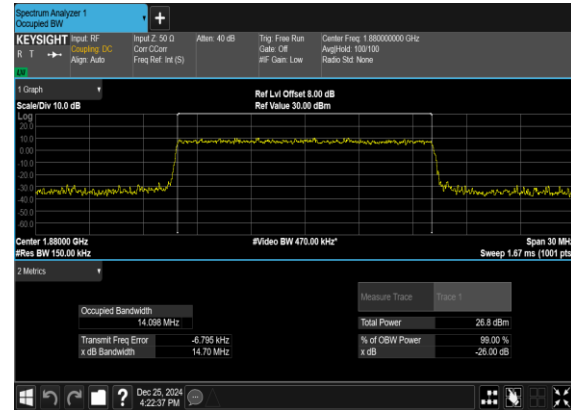




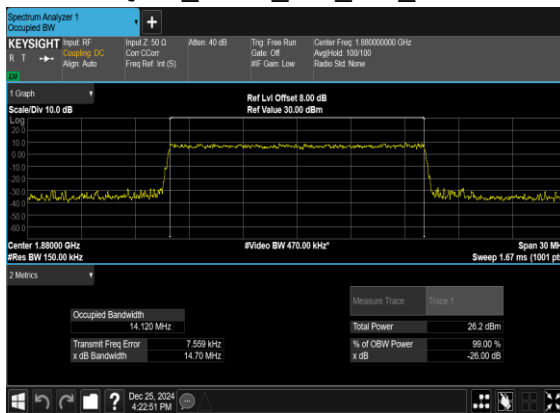
B4_N2(15M)_CP-
OFDM_QPSK_Outer_Full_Mid_CH



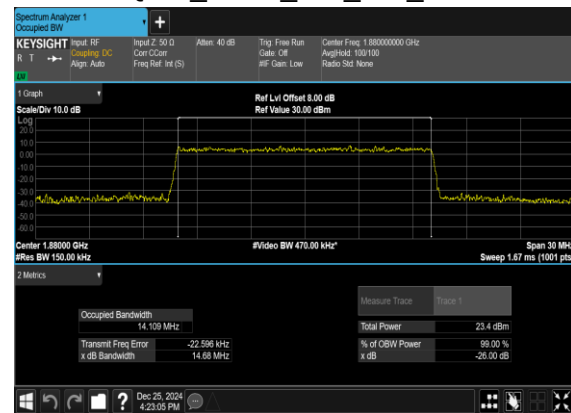
B4_N2(15M)_CP-OFDM_16
QAM_Outer_Full_Mid_CH



B4_N2(15M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH

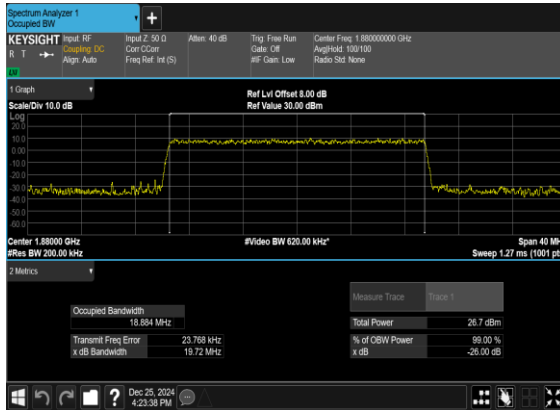


B4_N2(15M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH

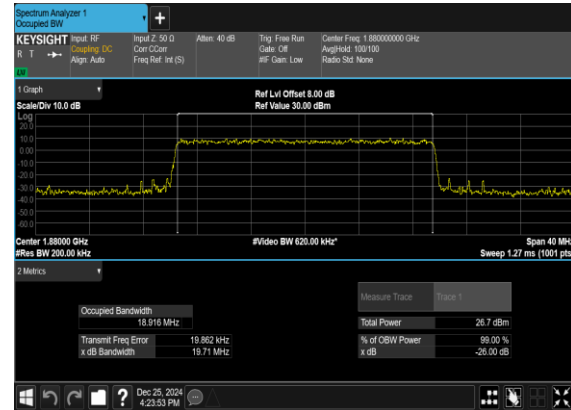




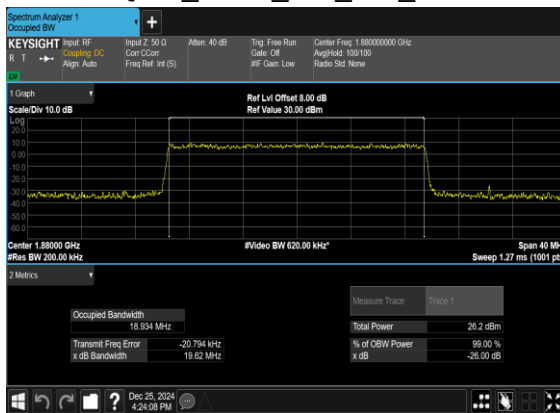
B4_N2(20M)_CP-
OFDM_QPSK_Outer_Full_Mid_CH



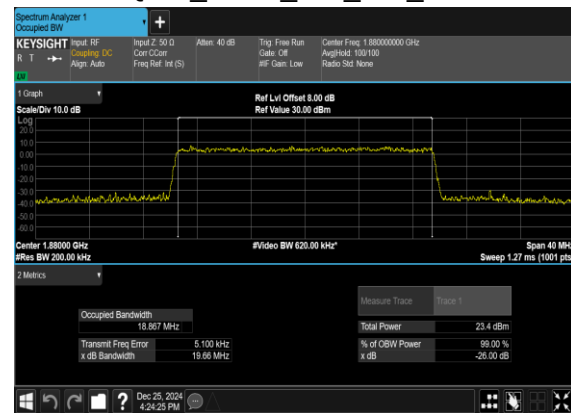
B4_N2(20M)_CP-OFDM_16
QAM_Outer_Full_Mid_CH



B4_N2(20M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH

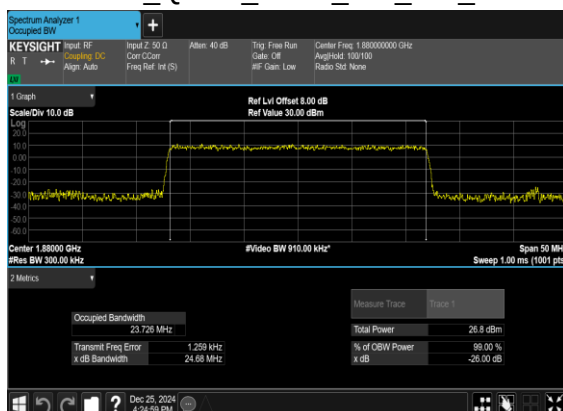


B4_N2(20M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH

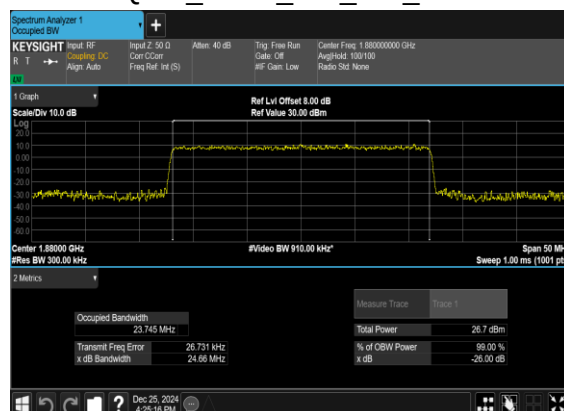




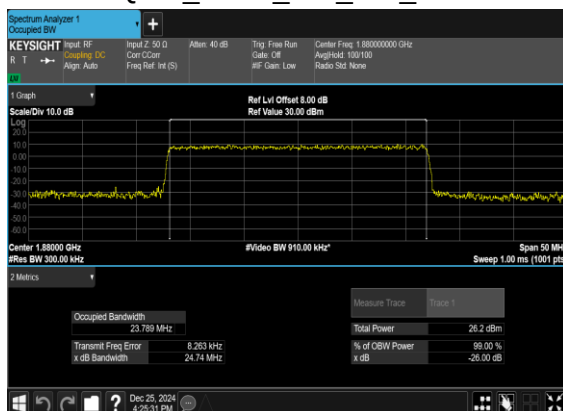
B4_N2(25M)_CP-
OFDM_QPSK_Outer_Full_Mid_CH



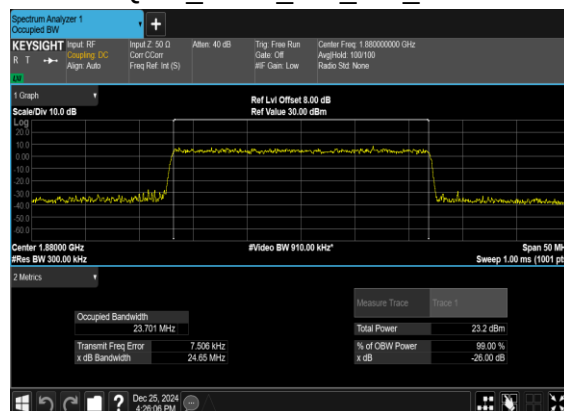
B4_N2(25M)_CP-OFDM_16
QAM_Outer_Full_Mid_CH



B4_N2(25M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH

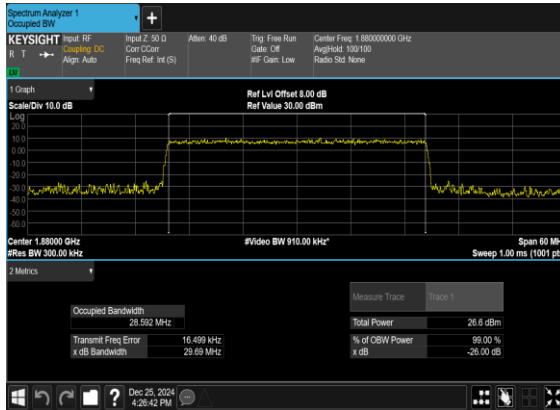


B4_N2(25M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH

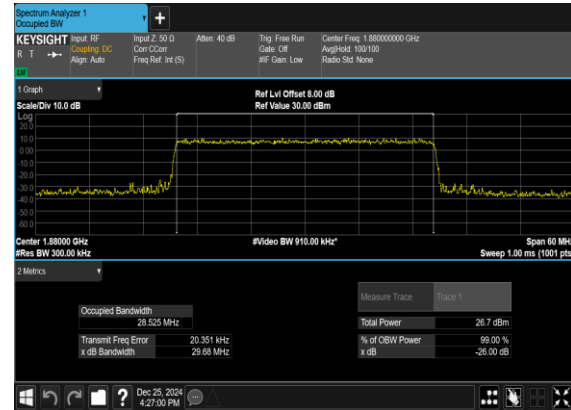




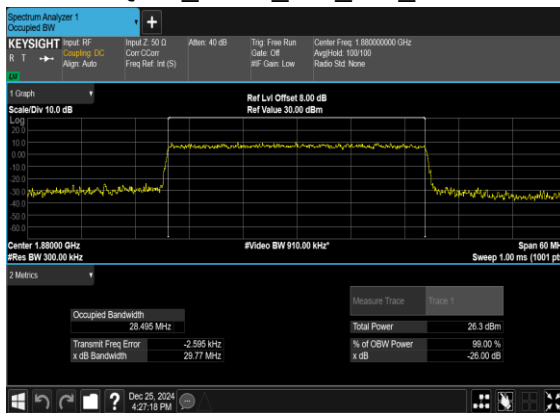
B4_N2(30M)_CP-
OFDM_QPSK_Outer_Full_Mid_CH



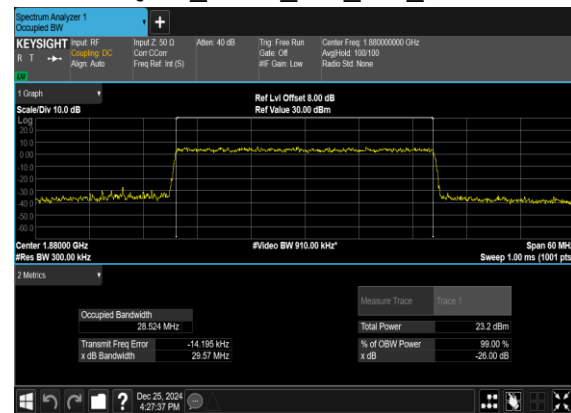
B4_N2(30M)_CP-OFDM_16
QAM_Outer_Full_Mid_CH



B4_N2(30M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH

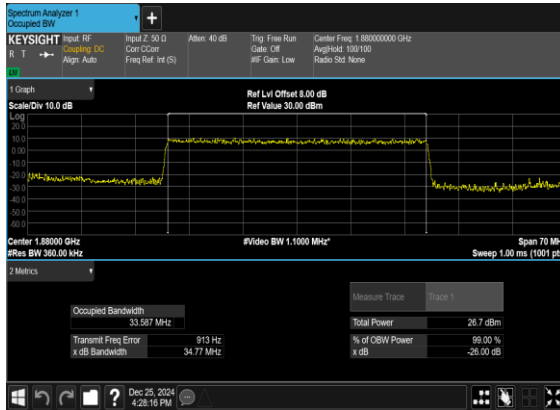


B4_N2(30M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH

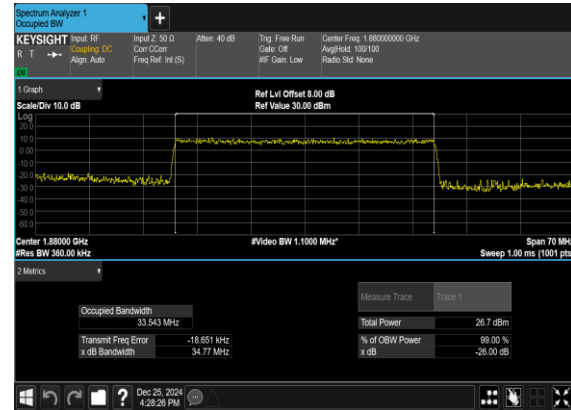




B4_N2(35M)_CP-
OFDM_QPSK_Outer_Full_Mid_CH



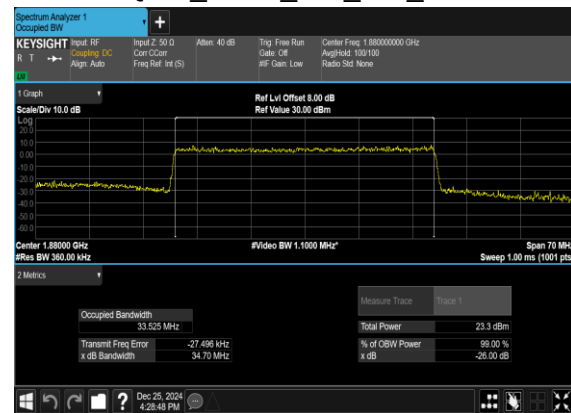
B4_N2(35M)_CP-OFDM_16
QAM_Outer_Full_Mid_CH



B4_N2(35M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH

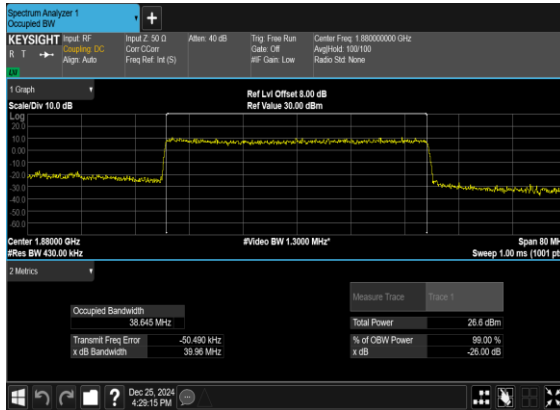


B4_N2(35M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH

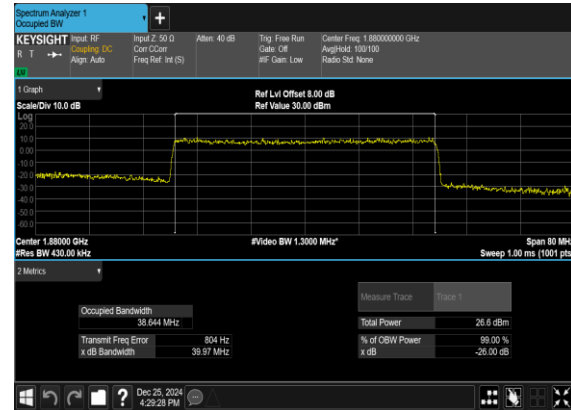




B4_N2(40M)_CP-
OFDM_QPSK_Outer_Full_Mid_CH



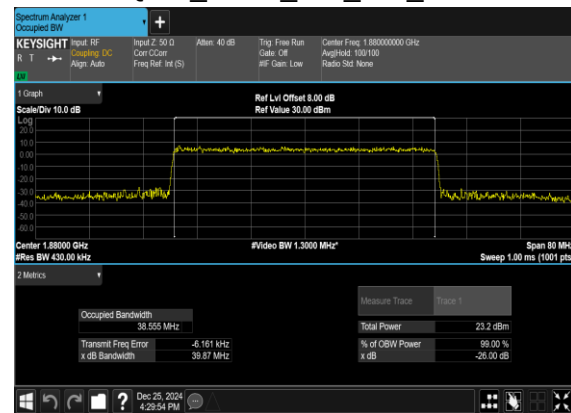
B4_N2(40M)_CP-OFDM_16
QAM_Outer_Full_Mid_CH



B4_N2(40M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH



B4_N2(40M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH



Conducted Spurious Emissions

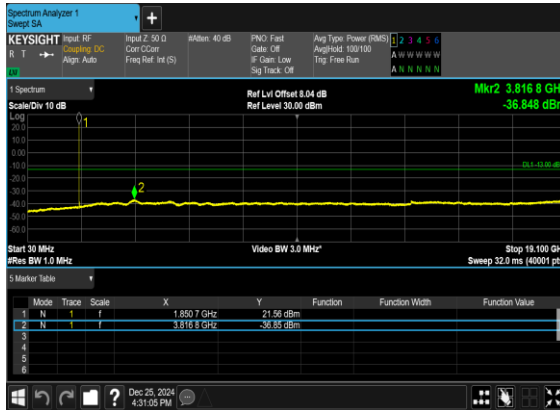
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
2	15	5	370500	1852.5	DFT-s-OFDM BPSK	1@0	see graph	---
2	15	5	370500	1852.5	DFT-s-OFDM BPSK	1@0	see graph	PASS
2	15	5	370500	1852.5	DFT-s-OFDM QPSK	1@0	see graph	---
2	15	5	370500	1852.5	DFT-s-OFDM QPSK	1@0	see graph	PASS
2	15	5	376000	1880.0	DFT-s-OFDM BPSK	1@0	see graph	---
2	15	5	376000	1880.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
2	15	5	376000	1880.0	DFT-s-OFDM QPSK	1@0	see graph	---
2	15	5	376000	1880.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
2	15	5	381500	1907.5	DFT-s-OFDM BPSK	1@0	see graph	---
2	15	5	381500	1907.5	DFT-s-OFDM BPSK	1@0	see graph	PASS
2	15	5	381500	1907.5	DFT-s-OFDM QPSK	1@0	see graph	---
2	15	5	381500	1907.5	DFT-s-OFDM QPSK	1@0	see graph	PASS
2	15	20	372000	1860.0	DFT-s-OFDM BPSK	1@0	see graph	---
2	15	20	372000	1860.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
2	15	20	372000	1860.0	DFT-s-OFDM QPSK	1@0	see graph	---
2	15	20	372000	1860.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
2	15	20	376000	1880.0	DFT-s-OFDM BPSK	1@0	see graph	---
2	15	20	376000	1880.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
2	15	20	376000	1880.0	DFT-s-OFDM QPSK	1@0	see graph	---



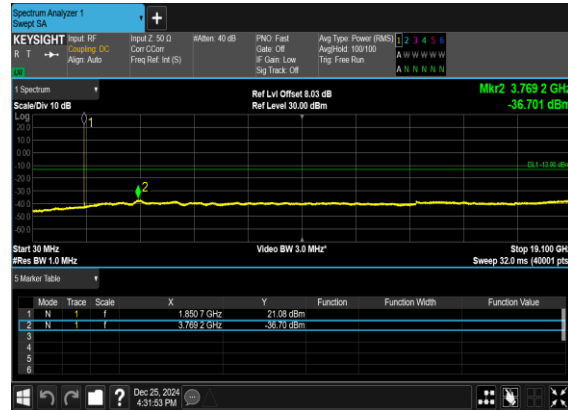
2	15	20	376000	1880.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
2	15	20	380000	1900.0	DFT-s-OFDM BPSK	1@0	see graph	---
2	15	20	380000	1900.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
2	15	20	380000	1900.0	DFT-s-OFDM QPSK	1@0	see graph	---
2	15	20	380000	1900.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
2	15	40	374000	1870.0	DFT-s-OFDM BPSK	1@0	see graph	---
2	15	40	374000	1870.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
2	15	40	374000	1870.0	DFT-s-OFDM QPSK	1@0	see graph	---
2	15	40	374000	1870.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
2	15	40	376000	1880.0	DFT-s-OFDM BPSK	1@0	see graph	---
2	15	40	376000	1880.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
2	15	40	376000	1880.0	DFT-s-OFDM QPSK	1@0	see graph	---
2	15	40	376000	1880.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
2	15	40	378000	1890.0	DFT-s-OFDM BPSK	1@0	see graph	---
2	15	40	378000	1890.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
2	15	40	378000	1890.0	DFT-s-OFDM QPSK	1@0	see graph	---
2	15	40	378000	1890.0	DFT-s-OFDM QPSK	1@0	see graph	PASS



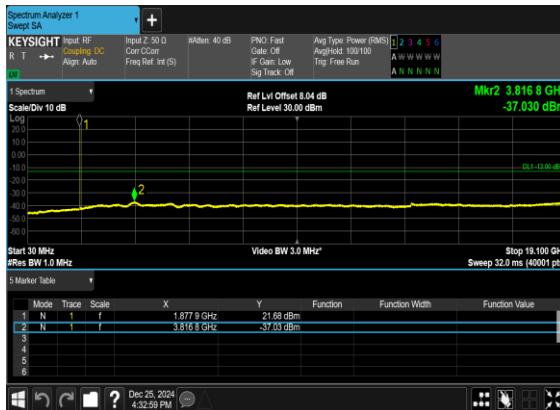
B4_N2(5M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



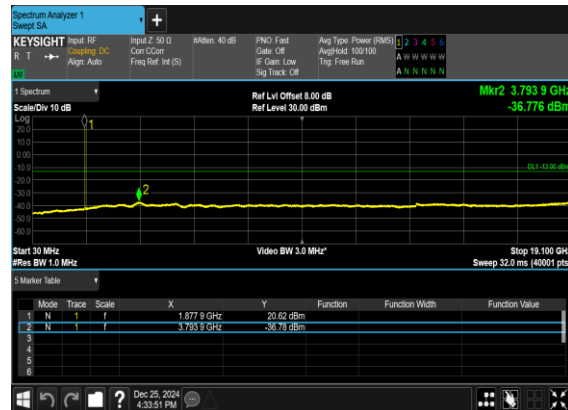
B4_N2(5M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH



B4_N2(5M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Mid_CH

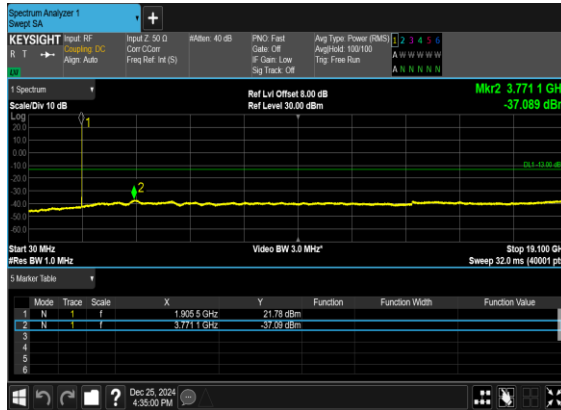


B4_N2(5M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Mid_CH

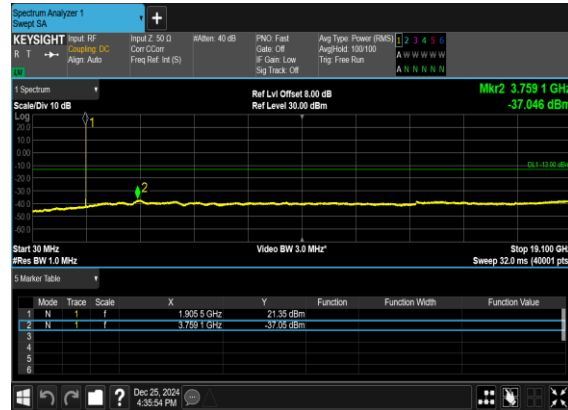




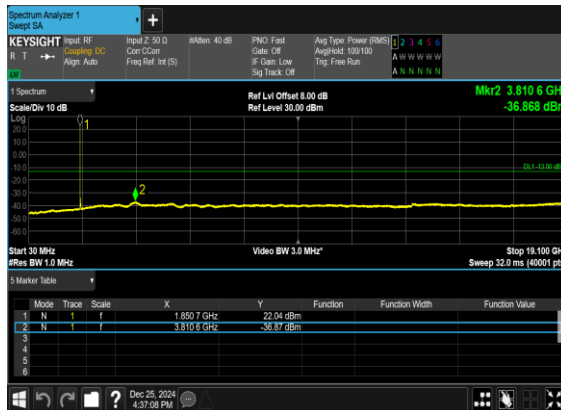
B4_N2(5M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_High_CH



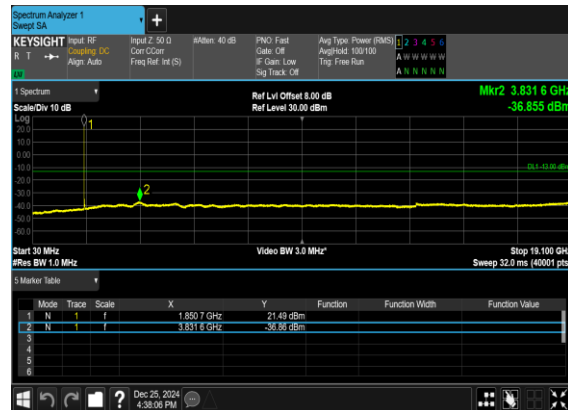
B4_N2(5M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_High_CH



B4_N2(20M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH

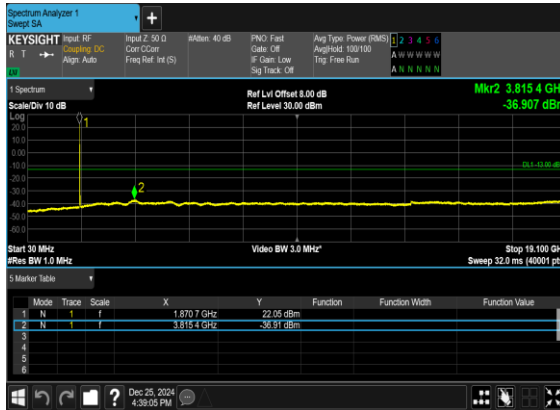


B4_N2(20M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH

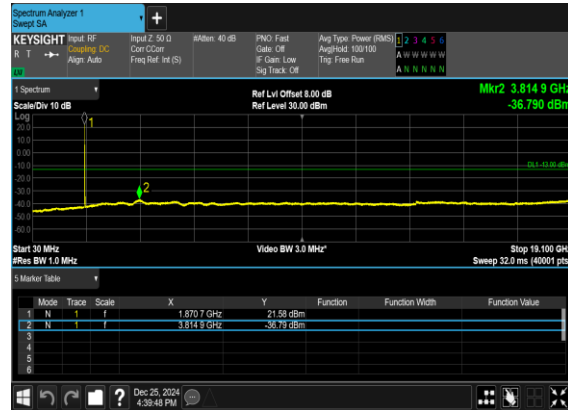




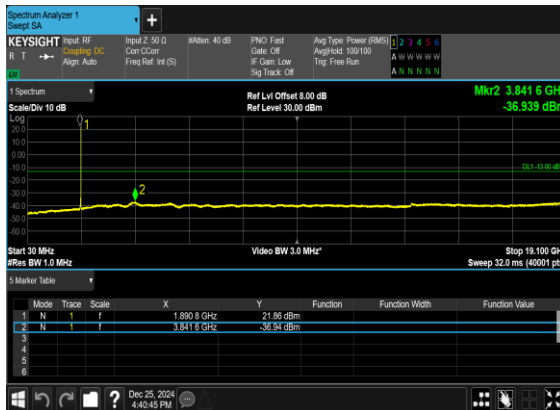
B4_N2(20M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Mid_CH



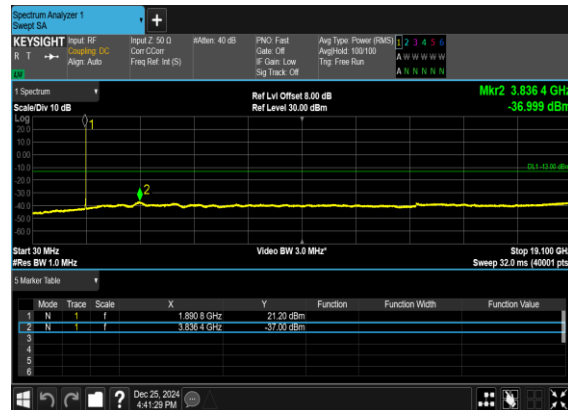
B4_N2(20M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Mid_CH



B4_N2(20M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_High_CH

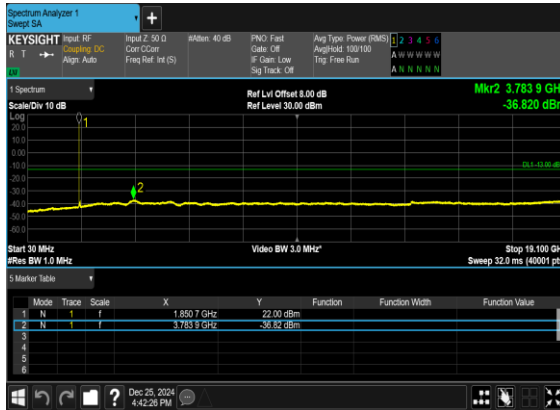


B4_N2(20M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_High_CH

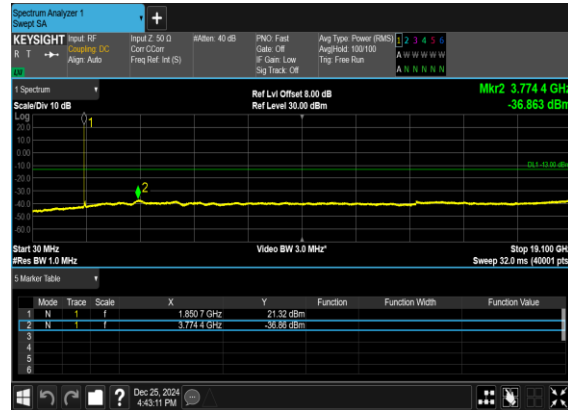




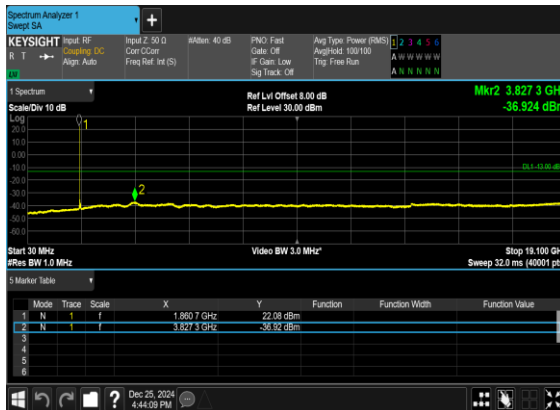
B4_N2(40M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



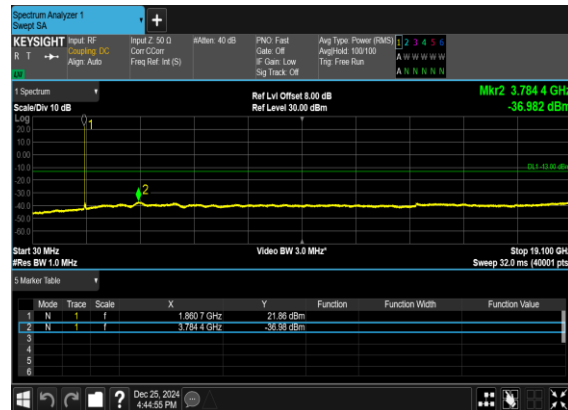
B4_N2(40M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH



B4_N2(40M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Mid_CH

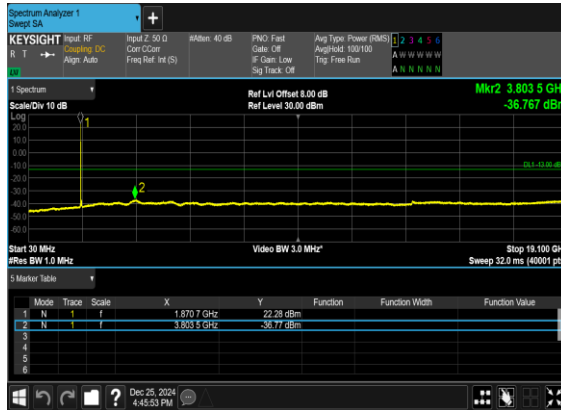


B4_N2(40M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Mid_CH

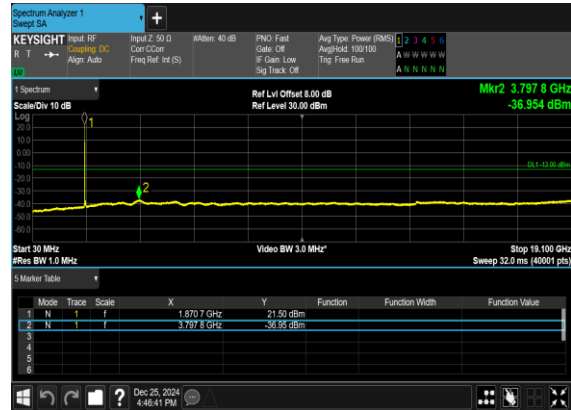




B4_N2(40M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_High_CH



B4_N2(40M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_High_CH



Conducted Band Edge

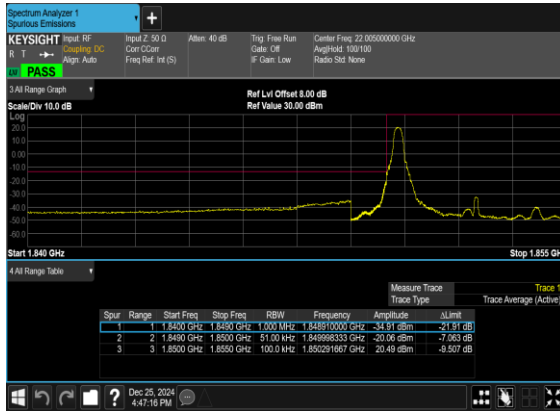
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
2	15	5	370500	1852.5	DFT-s-OFDM BPSK	1@0	see graph	PASS
2	15	5	370500	1852.5	DFT-s-OFDM QPSK	1@0	see graph	PASS
2	15	5	370500	1852.5	DFT-s-OFDM BPSK	25@0	see graph	PASS
2	15	5	370500	1852.5	DFT-s-OFDM QPSK	25@0	see graph	PASS
2	15	5	381500	1907.5	DFT-s-OFDM BPSK	1@24	see graph	PASS
2	15	5	381500	1907.5	DFT-s-OFDM QPSK	1@24	see graph	PASS
2	15	5	381500	1907.5	DFT-s-OFDM BPSK	25@0	see graph	PASS
2	15	5	381500	1907.5	DFT-s-OFDM QPSK	25@0	see graph	PASS
2	15	20	372000	1860.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
2	15	20	372000	1860.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
2	15	20	372000	1860.0	DFT-s-OFDM BPSK	100@0	see graph	PASS
2	15	20	372000	1860.0	DFT-s-OFDM QPSK	100@0	see graph	PASS
2	15	20	380000	1900.0	DFT-s-OFDM BPSK	1@105	see graph	PASS
2	15	20	380000	1900.0	DFT-s-OFDM QPSK	1@105	see graph	PASS
2	15	20	380000	1900.0	DFT-s-OFDM BPSK	100@0	see graph	PASS
2	15	20	380000	1900.0	DFT-s-OFDM QPSK	100@0	see graph	PASS
2	15	40	374000	1870.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
2	15	40	374000	1870.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
2	15	40	374000	1870.0	DFT-s-OFDM BPSK	216@0	see graph	PASS



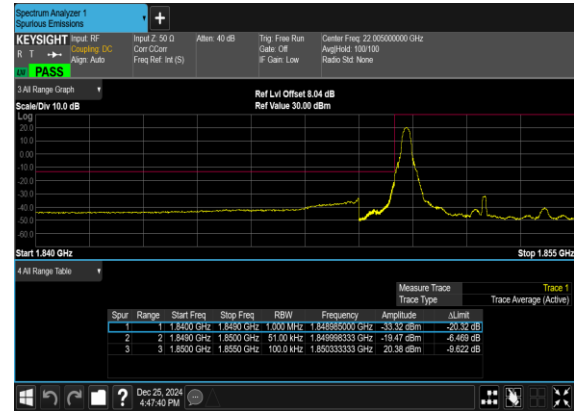
2	15	40	374000	1870.0	DFT-s-OFDM QPSK	216@0	see graph	PASS
2	15	40	378000	1890.0	DFT-s-OFDM BPSK	1@215	see graph	PASS
2	15	40	378000	1890.0	DFT-s-OFDM QPSK	1@215	see graph	PASS
2	15	40	378000	1890.0	DFT-s-OFDM BPSK	216@0	see graph	PASS
2	15	40	378000	1890.0	DFT-s-OFDM QPSK	216@0	see graph	PASS



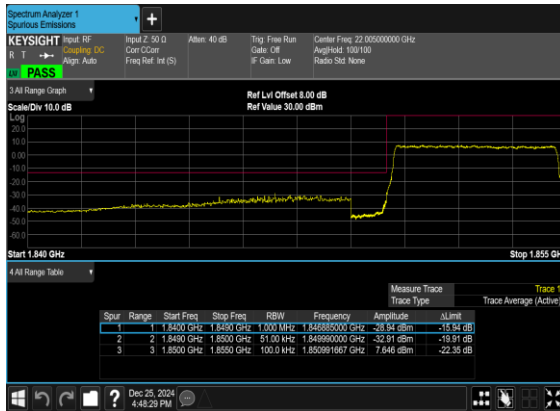
B4_N2(5M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



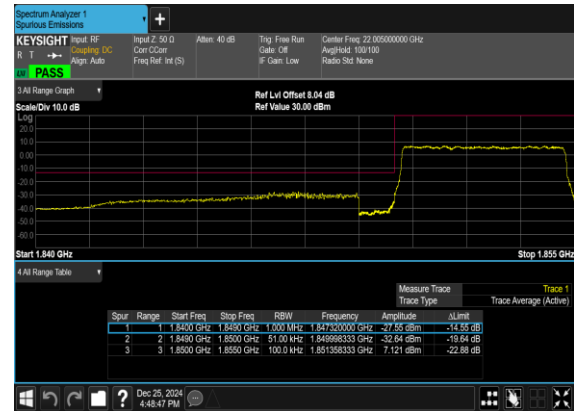
B4_N2(5M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH



B4_N2(5M)_DFT-s-
OFDM_BPSK_Outer_Full_Low_CH

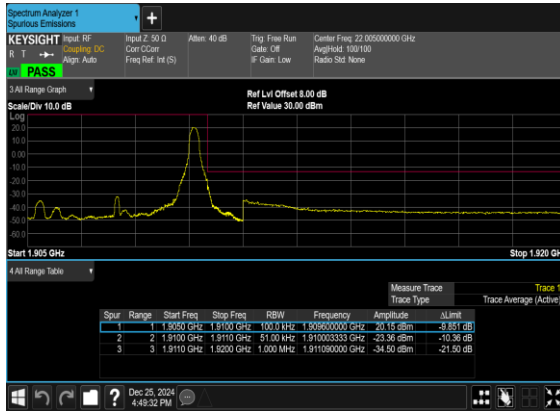


B4_N2(5M)_DFT-s-
OFDM_QPSK_Outer_Full_Low_CH

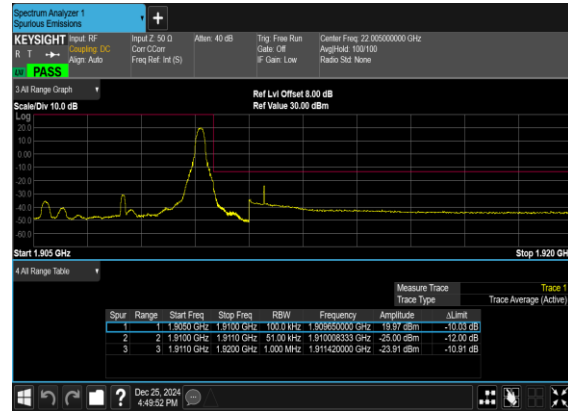




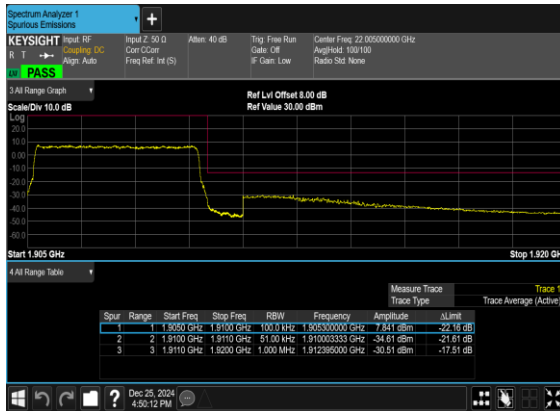
B4_N2(5M)_DFT-s-
OFDM_BPSK_Edge_1RB_Right_High_CH



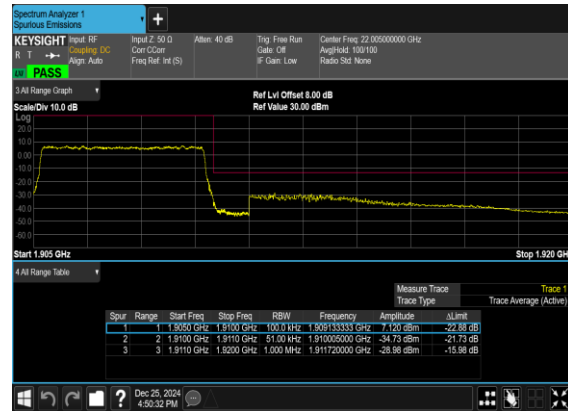
B4_N2(5M)_DFT-s-
OFDM_QPSK_Edge_1RB_Right_High_CH



B4_N2(5M)_DFT-s-
OFDM_BPSK_Outer_Full_High_CH

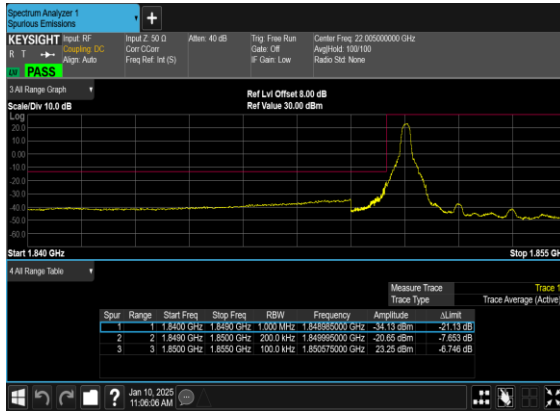


B4_N2(5M)_DFT-s-
OFDM_QPSK_Outer_Full_High_CH

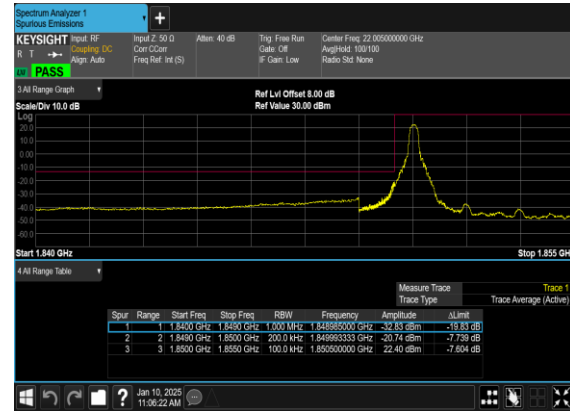




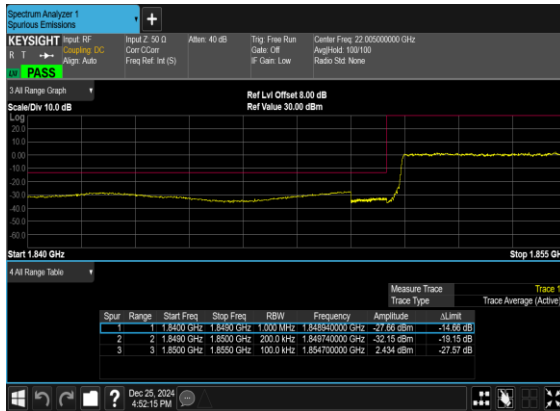
B4_N2(20M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



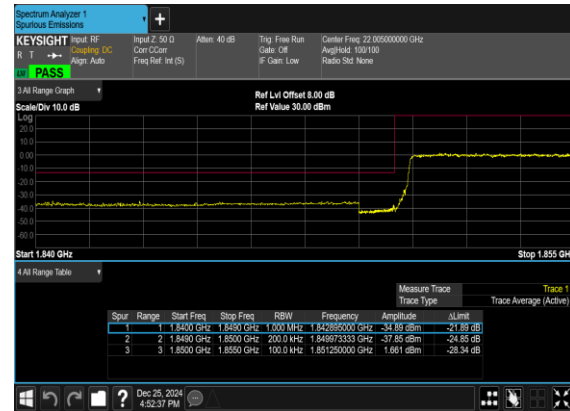
B4_N2(20M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH



B4_N2(20M)_DFT-s-
OFDM_BPSK_Outer_Full_Low_CH

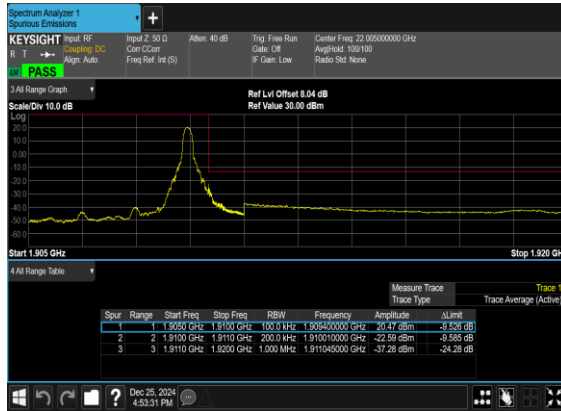


B4_N2(20M)_DFT-s-
OFDM_QPSK_Outer_Full_Low_CH

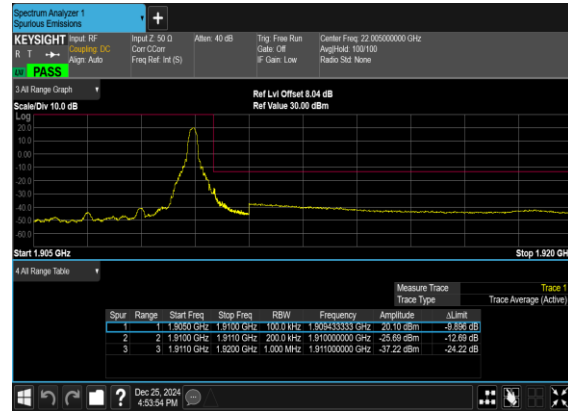




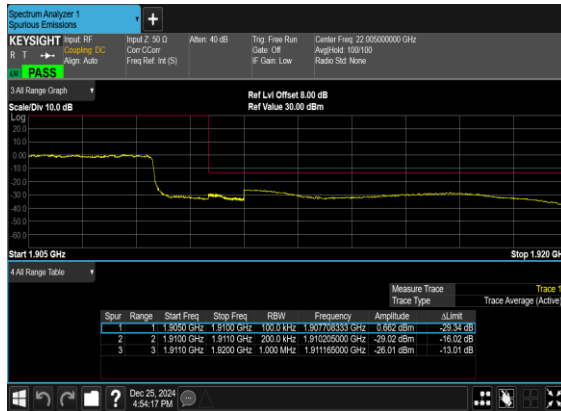
B4_N2(20M)_DFT-s-
OFDM_BPSK_Edge_1RB_Right_High_CH



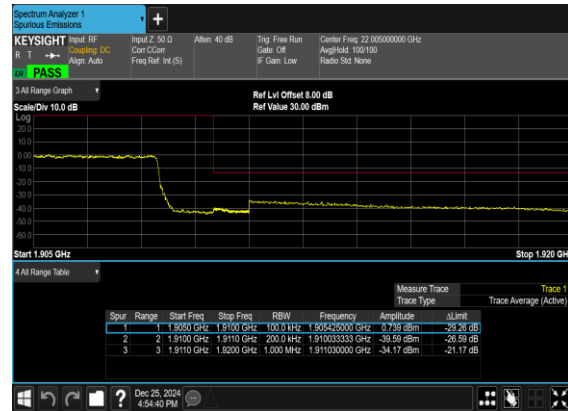
B4_N2(20M)_DFT-s-
OFDM_QPSK_Edge_1RB_Right_High_CH



B4_N2(20M)_DFT-s-
OFDM_BPSK_Outer_Full_High_CH

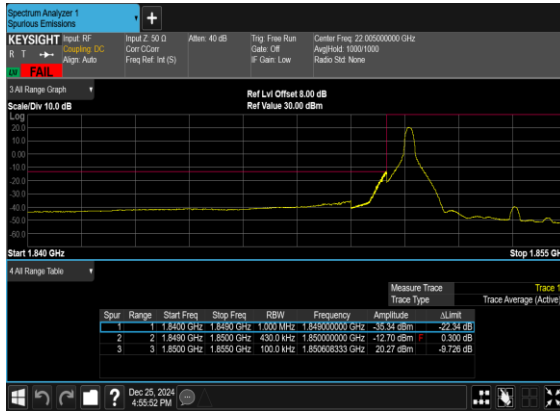


B4_N2(20M)_DFT-s-
OFDM_QPSK_Outer_Full_High_CH

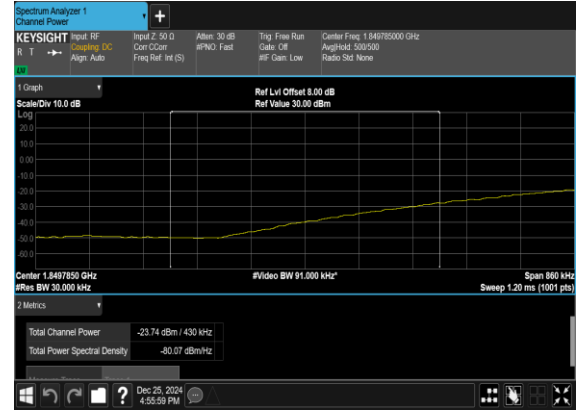




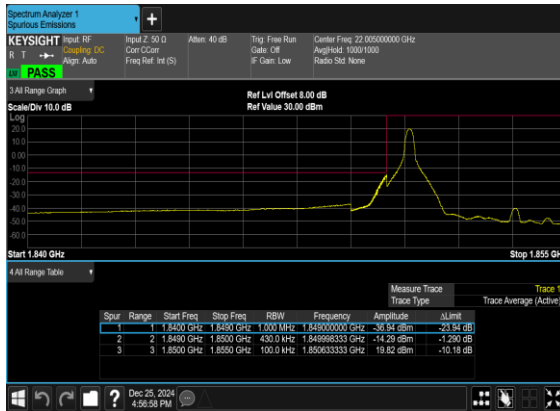
B4_N2(40M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



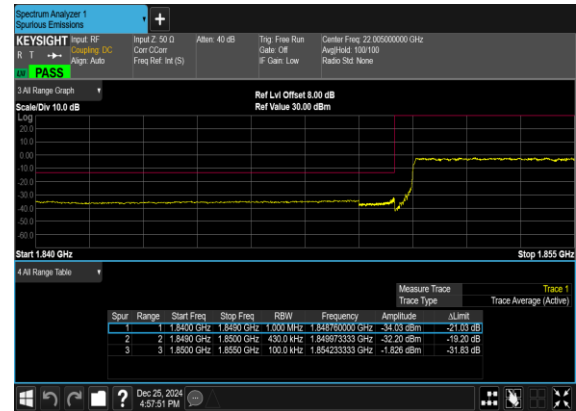
B4_N2(40M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH_CHP_PA
SS



B4_N2(40M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH

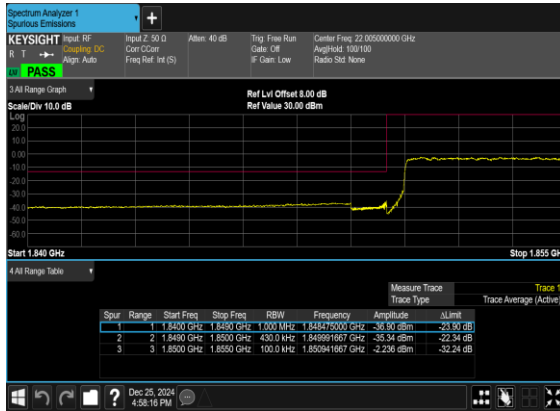


B4_N2(40M)_DFT-s-
OFDM_BPSK_Outer_Full_Low_CH

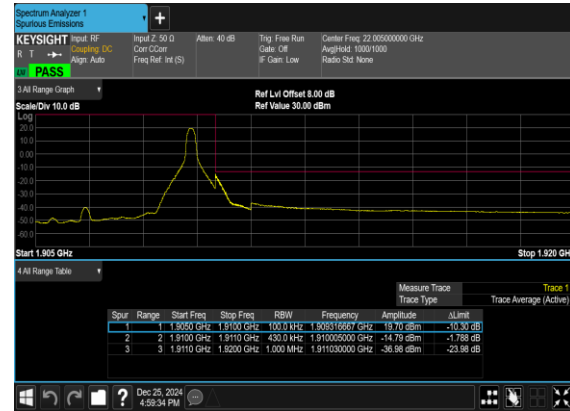




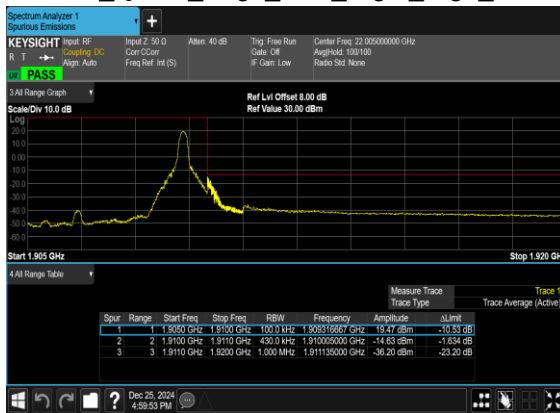
B4_N2(40M)_DFT-s-
OFDM_QPSK_Outer_Full_Low_CH



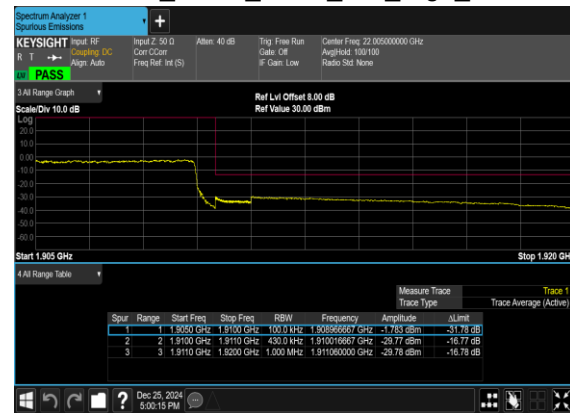
B4_N2(40M)_DFT-s-
OFDM_BPSK_Edge_1RB_Right_High_CH



B4_N2(40M)_DFT-s-
OFDM_QPSK_Edge_1RB_Right_High_CH

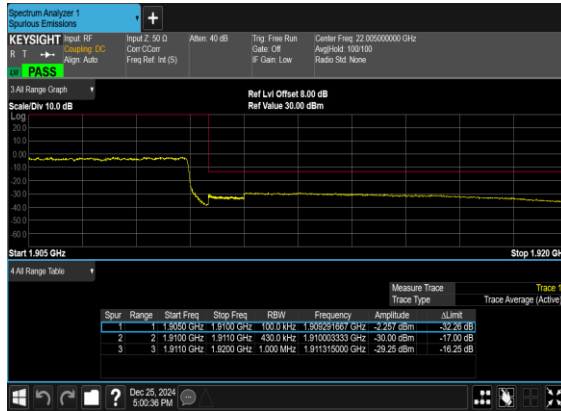


B4_N2(40M)_DFT-s-
OFDM_BPSK_Outer_Full_High_CH





B4_N2(40M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH





FR1 N2 (NSA mode)

LTE Band: 5, LTE BW: 10M, LTE ARFCN: Mid

Transmitter Conducted Output Power And EIRP, (G_T - L_C)=-1.1dB

NR Band	SCS	Band Width	Arfcn	Freq(M Hz)	Modulation	RB	Conducted Power(dBm)	EIRP(dBm)	EIRP(W)
2	15	5	370500	1852.5	DFT-s-OFDM QPSK	12@6	23.72	22.62	0.1828
2	15	5	370500	1852.5	DFT-s-OFDM QPSK	1@1	23.62	22.52	0.1786
2	15	5	370500	1852.5	DFT-s-OFDM QPSK	1@23	23.72	22.62	0.1828
2	15	5	370500	1852.5	DFT-s-OFDM 16 QAM	12@6	22.71	21.61	0.1449
2	15	5	370500	1852.5	DFT-s-OFDM 16 QAM	1@1	22.82	21.72	0.1486
2	15	5	370500	1852.5	DFT-s-OFDM 16 QAM	1@23	22.87	21.77	0.1503
2	15	5	376000	1880	DFT-s-OFDM QPSK	12@6	23.28	22.18	0.1652
2	15	5	376000	1880	DFT-s-OFDM QPSK	1@1	23.22	22.12	0.1629
2	15	5	376000	1880	DFT-s-OFDM QPSK	1@23	23.18	22.08	0.1614
2	15	5	376000	1880	DFT-s-OFDM 16 QAM	12@6	22.23	21.13	0.1297
2	15	5	376000	1880	DFT-s-OFDM 16 QAM	1@1	22.4	21.3	0.1349
2	15	5	376000	1880	DFT-s-OFDM 16 QAM	1@23	22.35	21.25	0.1334
2	15	5	381500	1907.5	DFT-s-OFDM QPSK	12@6	22.98	21.88	0.1542
2	15	5	381500	1907.5	DFT-s-OFDM QPSK	1@1	22.9	21.8	0.1514
2	15	5	381500	1907.5	DFT-s-OFDM QPSK	1@23	22.85	21.75	0.1496
2	15	5	381500	1907.5	DFT-s-OFDM 16 QAM	12@6	21.95	20.85	0.1216
2	15	5	381500	1907.5	DFT-s-OFDM 16 QAM	1@1	22.11	21.01	0.1262
2	15	5	381500	1907.5	DFT-s-OFDM 16 QAM	1@23	22.03	20.93	0.1239
2	15	10	371000	1855	DFT-s-OFDM QPSK	25@12	23.69	22.59	0.1816
2	15	10	371000	1855	DFT-s-OFDM QPSK	1@1	23.68	22.58	0.1811
2	15	10	371000	1855	DFT-s-OFDM QPSK	1@50	23.74	22.64	0.1837
2	15	10	371000	1855	DFT-s-OFDM 16 QAM	25@12	22.74	21.64	0.1459
2	15	10	371000	1855	DFT-s-OFDM 16 QAM	1@1	22.88	21.78	0.1507
2	15	10	371000	1855	DFT-s-OFDM 16 QAM	1@50	22.89	21.79	0.1510
2	15	10	376000	1880	DFT-s-OFDM QPSK	25@12	23.23	22.13	0.1633
2	15	10	376000	1880	DFT-s-OFDM QPSK	1@1	23.29	22.19	0.1656
2	15	10	376000	1880	DFT-s-OFDM QPSK	1@50	23.24	22.14	0.1637
2	15	10	376000	1880	DFT-s-OFDM 16 QAM	25@12	22.25	21.15	0.1303



2	15	10	376000	1880	DFT-s-OFDM 16 QAM	1@1	22.46	21.36	0.1368
2	15	10	376000	1880	DFT-s-OFDM 16 QAM	1@50	22.41	21.31	0.1352
2	15	10	381000	1905	DFT-s-OFDM QPSK	25@12	23.03	21.93	0.1560
2	15	10	381000	1905	DFT-s-OFDM QPSK	1@1	23.09	21.99	0.1581
2	15	10	381000	1905	DFT-s-OFDM QPSK	1@50	22.89	21.79	0.1510
2	15	10	381000	1905	DFT-s-OFDM 16 QAM	25@12	22.01	20.91	0.1233
2	15	10	381000	1905	DFT-s-OFDM 16 QAM	1@1	22.28	21.18	0.1312
2	15	10	381000	1905	DFT-s-OFDM 16 QAM	1@50	22.12	21.02	0.1265
2	15	15	371500	1857.5	DFT-s-OFDM QPSK	36@18	23.72	22.62	0.1828
2	15	15	371500	1857.5	DFT-s-OFDM QPSK	1@1	23.67	22.57	0.1807
2	15	15	371500	1857.5	DFT-s-OFDM QPSK	1@77	23.66	22.56	0.1803
2	15	15	371500	1857.5	DFT-s-OFDM 16 QAM	36@18	22.76	21.66	0.1466
2	15	15	371500	1857.5	DFT-s-OFDM 16 QAM	1@1	22.87	21.77	0.1503
2	15	15	371500	1857.5	DFT-s-OFDM 16 QAM	1@77	22.75	21.65	0.1462
2	15	15	376000	1880	DFT-s-OFDM QPSK	36@18	23.22	22.12	0.1629
2	15	15	376000	1880	DFT-s-OFDM QPSK	1@1	23.31	22.21	0.1663
2	15	15	376000	1880	DFT-s-OFDM QPSK	1@77	23.24	22.14	0.1637
2	15	15	376000	1880	DFT-s-OFDM 16 QAM	36@18	22.29	21.19	0.1315
2	15	15	376000	1880	DFT-s-OFDM 16 QAM	1@1	22.5	21.4	0.1380
2	15	15	376000	1880	DFT-s-OFDM 16 QAM	1@77	22.39	21.29	0.1346
2	15	15	380500	1902.5	DFT-s-OFDM QPSK	36@18	23.07	21.97	0.1574
2	15	15	380500	1902.5	DFT-s-OFDM QPSK	1@1	23.14	22.04	0.1600
2	15	15	380500	1902.5	DFT-s-OFDM QPSK	1@77	22.91	21.81	0.1517
2	15	15	380500	1902.5	DFT-s-OFDM 16 QAM	36@18	22.11	21.01	0.1262
2	15	15	380500	1902.5	DFT-s-OFDM 16 QAM	1@1	22.32	21.22	0.1324
2	15	15	380500	1902.5	DFT-s-OFDM 16 QAM	1@77	22.08	20.98	0.1253
2	15	20	372000	1860	DFT-s-OFDM QPSK	50@25	23.7	22.6	0.1820
2	15	20	372000	1860	DFT-s-OFDM QPSK	1@1	23.67	22.57	0.1807
2	15	20	372000	1860	DFT-s-OFDM QPSK	1@104	23.5	22.4	0.1738
2	15	20	372000	1860	DFT-s-OFDM 16 QAM	50@25	22.71	21.61	0.1449
2	15	20	372000	1860	DFT-s-OFDM 16 QAM	1@1	22.89	21.79	0.1510
2	15	20	372000	1860	DFT-s-OFDM 16 QAM	1@104	22.66	21.56	0.1432
2	15	20	376000	1880	DFT-s-OFDM QPSK	50@25	23.26	22.16	0.1644
2	15	20	376000	1880	DFT-s-OFDM QPSK	1@1	23.4	22.3	0.1698
2	15	20	376000	1880	DFT-s-OFDM QPSK	1@104	23.21	22.11	0.1626
2	15	20	376000	1880	DFT-s-OFDM 16 QAM	50@25	22.3	21.2	0.1318



2	15	20	376000	1880	DFT-s-OFDM 16 QAM	1@1	22.55	21.45	0.1396
2	15	20	376000	1880	DFT-s-OFDM 16 QAM	1@104	22.38	21.28	0.1343
2	15	20	380000	1900	DFT-s-OFDM QPSK	50@25	23.1	22	0.1585
2	15	20	380000	1900	DFT-s-OFDM QPSK	1@1	23.17	22.07	0.1611
2	15	20	380000	1900	DFT-s-OFDM QPSK	1@104	22.94	21.84	0.1528
2	15	20	380000	1900	DFT-s-OFDM 16 QAM	50@25	22.09	20.99	0.1256
2	15	20	380000	1900	DFT-s-OFDM 16 QAM	1@1	22.34	21.24	0.1330
2	15	20	380000	1900	DFT-s-OFDM 16 QAM	1@104	22.1	21	0.1259
2	15	25	372500	1862.5	DFT-s-OFDM QPSK	64@32	23.68	22.58	0.1811
2	15	25	372500	1862.5	DFT-s-OFDM QPSK	1@1	23.62	22.52	0.1786
2	15	25	372500	1862.5	DFT-s-OFDM QPSK	1@131	23.33	22.23	0.1671
2	15	25	372500	1862.5	DFT-s-OFDM 16 QAM	64@32	22.66	21.56	0.1432
2	15	25	372500	1862.5	DFT-s-OFDM 16 QAM	1@1	22.78	21.68	0.1472
2	15	25	372500	1862.5	DFT-s-OFDM 16 QAM	1@131	22.5	21.4	0.1380
2	15	25	376000	1880	DFT-s-OFDM QPSK	64@32	23.29	22.19	0.1656
2	15	25	376000	1880	DFT-s-OFDM QPSK	1@1	23.42	22.32	0.1706
2	15	25	376000	1880	DFT-s-OFDM QPSK	1@131	23.19	22.09	0.1618
2	15	25	376000	1880	DFT-s-OFDM 16 QAM	64@32	22.29	21.19	0.1315
2	15	25	376000	1880	DFT-s-OFDM 16 QAM	1@1	22.57	21.47	0.1403
2	15	25	376000	1880	DFT-s-OFDM 16 QAM	1@131	22.37	21.27	0.1340
2	15	25	379500	1897.5	DFT-s-OFDM QPSK	64@32	23.17	22.07	0.1611
2	15	25	379500	1897.5	DFT-s-OFDM QPSK	1@1	23.18	22.08	0.1614
2	15	25	379500	1897.5	DFT-s-OFDM QPSK	1@131	22.89	21.79	0.1510
2	15	25	379500	1897.5	DFT-s-OFDM 16 QAM	64@32	22.17	21.07	0.1279
2	15	25	379500	1897.5	DFT-s-OFDM 16 QAM	1@1	22.32	21.22	0.1324
2	15	25	379500	1897.5	DFT-s-OFDM 16 QAM	1@131	22.03	20.93	0.1239
2	15	30	373000	1865	DFT-s-OFDM QPSK	80@40	23.67	22.57	0.1807
2	15	30	373000	1865	DFT-s-OFDM QPSK	1@1	23.71	22.61	0.1824
2	15	30	373000	1865	DFT-s-OFDM QPSK	1@158	23.36	22.26	0.1683
2	15	30	373000	1865	DFT-s-OFDM 16 QAM	80@40	22.65	21.55	0.1429
2	15	30	373000	1865	DFT-s-OFDM 16 QAM	1@1	22.85	21.75	0.1496
2	15	30	373000	1865	DFT-s-OFDM 16 QAM	1@158	22.61	21.51	0.1416
2	15	30	376000	1880	DFT-s-OFDM QPSK	80@40	23.28	22.18	0.1652
2	15	30	376000	1880	DFT-s-OFDM QPSK	1@1	23.52	22.42	0.1746
2	15	30	376000	1880	DFT-s-OFDM QPSK	1@158	23.21	22.11	0.1626
2	15	30	376000	1880	DFT-s-OFDM 16 QAM	80@40	22.35	21.25	0.1334



2	15	30	376000	1880	DFT-s-OFDM 16 QAM	1@1	22.65	21.55	0.1429
2	15	30	376000	1880	DFT-s-OFDM 16 QAM	1@158	22.37	21.27	0.1340
2	15	30	379000	1895	DFT-s-OFDM QPSK	80@40	23.25	22.15	0.1641
2	15	30	379000	1895	DFT-s-OFDM QPSK	1@1	23.27	22.17	0.1648
2	15	30	379000	1895	DFT-s-OFDM QPSK	1@158	22.98	21.88	0.1542
2	15	30	379000	1895	DFT-s-OFDM 16 QAM	80@40	22.23	21.13	0.1297
2	15	30	379000	1895	DFT-s-OFDM 16 QAM	1@1	22.44	21.34	0.1361
2	15	30	379000	1895	DFT-s-OFDM 16 QAM	1@158	22.16	21.06	0.1276
2	15	35	373500	1867.5	DFT-s-OFDM QPSK	90@45	23.58	22.48	0.1770
2	15	35	373500	1867.5	DFT-s-OFDM QPSK	1@1	23.65	22.55	0.1799
2	15	35	373500	1867.5	DFT-s-OFDM QPSK	1@186	23.31	22.21	0.1663
2	15	35	373500	1867.5	DFT-s-OFDM 16 QAM	90@45	22.61	21.51	0.1416
2	15	35	373500	1867.5	DFT-s-OFDM 16 QAM	1@1	22.84	21.74	0.1493
2	15	35	373500	1867.5	DFT-s-OFDM 16 QAM	1@186	22.45	21.35	0.1365
2	15	35	376000	1880	DFT-s-OFDM QPSK	90@45	23.31	22.21	0.1663
2	15	35	376000	1880	DFT-s-OFDM QPSK	1@1	23.55	22.45	0.1758
2	15	35	376000	1880	DFT-s-OFDM QPSK	1@186	23.14	22.04	0.1600
2	15	35	376000	1880	DFT-s-OFDM 16 QAM	90@45	22.37	21.27	0.1340
2	15	35	376000	1880	DFT-s-OFDM 16 QAM	1@1	22.68	21.58	0.1439
2	15	35	376000	1880	DFT-s-OFDM 16 QAM	1@186	22.28	21.18	0.1312
2	15	35	378500	1892.5	DFT-s-OFDM QPSK	90@45	23.23	22.13	0.1633
2	15	35	378500	1892.5	DFT-s-OFDM QPSK	1@1	23.26	22.16	0.1644
2	15	35	378500	1892.5	DFT-s-OFDM QPSK	1@186	22.95	21.85	0.1531
2	15	35	378500	1892.5	DFT-s-OFDM 16 QAM	90@45	22.3	21.2	0.1318
2	15	35	378500	1892.5	DFT-s-OFDM 16 QAM	1@1	22.43	21.33	0.1358
2	15	35	378500	1892.5	DFT-s-OFDM 16 QAM	1@186	22.13	21.03	0.1268
2	15	40	374000	1870	DFT-s-OFDM PI/2 BPSK	108@54	23.55	22.45	0.1758
2	15	40	374000	1870	DFT-s-OFDM PI/2 BPSK	1@1	23.75	22.65	0.1841
2	15	40	374000	1870	DFT-s-OFDM PI/2 BPSK	1@214	23.32	22.22	0.1667
2	15	40	374000	1870	DFT-s-OFDM QPSK	108@54	23.54	22.44	0.1754
2	15	40	374000	1870	DFT-s-OFDM QPSK	1@1	23.68	22.58	0.1811
2	15	40	374000	1870	DFT-s-OFDM QPSK	1@214	23.28	22.18	0.1652
2	15	40	374000	1870	DFT-s-OFDM 16 QAM	108@54	22.52	21.42	0.1387
2	15	40	374000	1870	DFT-s-OFDM 16 QAM	1@1	22.85	21.75	0.1496
2	15	40	374000	1870	DFT-s-OFDM 16 QAM	1@214	22.47	21.37	0.1371
2	15	40	374000	1870	DFT-s-OFDM 64 QAM	108@54	21.06	19.96	0.0991



2	15	40	374000	1870	DFT-s-OFDM 64 QAM	1@1	21.28	20.18	0.1042
2	15	40	374000	1870	DFT-s-OFDM 64 QAM	1@214	20.92	19.82	0.0959
2	15	40	374000	1870	DFT-s-OFDM 256 QAM	108@54	19.06	17.96	0.0625
2	15	40	374000	1870	DFT-s-OFDM 256 QAM	1@1	19.17	18.07	0.0641
2	15	40	374000	1870	DFT-s-OFDM 256 QAM	1@214	18.76	17.66	0.0583
2	15	40	374000	1870	CP-OFDM QPSK	108@54	22.03	20.93	0.1239
2	15	40	374000	1870	CP-OFDM QPSK	1@1	22.04	20.94	0.1242
2	15	40	374000	1870	CP-OFDM QPSK	1@214	21.76	20.66	0.1164
2	15	40	376000	1880	DFT-s-OFDM PI/2 BPSK	108@54	23.26	22.16	0.1644
2	15	40	376000	1880	DFT-s-OFDM PI/2 BPSK	1@1	23.62	22.52	0.1786
2	15	40	376000	1880	DFT-s-OFDM PI/2 BPSK	1@214	23.12	22.02	0.1592
2	15	40	376000	1880	DFT-s-OFDM QPSK	108@54	23.34	22.24	0.1675
2	15	40	376000	1880	DFT-s-OFDM QPSK	1@1	23.61	22.51	0.1782
2	15	40	376000	1880	DFT-s-OFDM QPSK	1@214	23.1	22	0.1585
2	15	40	376000	1880	DFT-s-OFDM 16 QAM	108@54	22.38	21.28	0.1343
2	15	40	376000	1880	DFT-s-OFDM 16 QAM	1@1	22.77	21.67	0.1469
2	15	40	376000	1880	DFT-s-OFDM 16 QAM	1@214	22.3	21.2	0.1318
2	15	40	376000	1880	DFT-s-OFDM 64 QAM	108@54	20.89	19.79	0.0953
2	15	40	376000	1880	DFT-s-OFDM 64 QAM	1@1	21.26	20.16	0.1038
2	15	40	376000	1880	DFT-s-OFDM 64 QAM	1@214	20.71	19.61	0.0914
2	15	40	376000	1880	DFT-s-OFDM 256 QAM	108@54	18.89	17.79	0.0601
2	15	40	376000	1880	DFT-s-OFDM 256 QAM	1@1	19.16	18.06	0.0640
2	15	40	376000	1880	DFT-s-OFDM 256 QAM	1@214	18.62	17.52	0.0565
2	15	40	376000	1880	CP-OFDM QPSK	108@54	21.82	20.72	0.1180
2	15	40	376000	1880	CP-OFDM QPSK	1@1	21.97	20.87	0.1222
2	15	40	376000	1880	CP-OFDM QPSK	1@214	21.54	20.44	0.1107
2	15	40	378000	1890	DFT-s-OFDM PI/2 BPSK	108@54	23.25	22.15	0.1641
2	15	40	378000	1890	DFT-s-OFDM PI/2 BPSK	1@1	23.41	22.31	0.1702
2	15	40	378000	1890	DFT-s-OFDM PI/2 BPSK	1@214	22.98	21.88	0.1542
2	15	40	378000	1890	DFT-s-OFDM QPSK	108@54	23.28	22.18	0.1652
2	15	40	378000	1890	DFT-s-OFDM QPSK	1@1	23.39	22.29	0.1694
2	15	40	378000	1890	DFT-s-OFDM QPSK	1@214	22.98	21.88	0.1542
2	15	40	378000	1890	DFT-s-OFDM 16 QAM	108@54	22.37	21.27	0.1340
2	15	40	378000	1890	DFT-s-OFDM 16 QAM	1@1	22.55	21.45	0.1396
2	15	40	378000	1890	DFT-s-OFDM 16 QAM	1@214	22.18	21.08	0.1282
2	15	40	378000	1890	DFT-s-OFDM 64 QAM	108@54	20.89	19.79	0.0953



2	15	40	378000	1890	DFT-s-OFDM 64 QAM	1@1	21.01	19.91	0.0979
2	15	40	378000	1890	DFT-s-OFDM 64 QAM	1@214	20.61	19.51	0.0893
2	15	40	378000	1890	DFT-s-OFDM 256 QAM	108@54	18.9	17.8	0.0603
2	15	40	378000	1890	DFT-s-OFDM 256 QAM	1@1	18.94	17.84	0.0608
2	15	40	378000	1890	DFT-s-OFDM 256 QAM	1@214	18.47	17.37	0.0546
2	15	40	378000	1890	CP-OFDM QPSK	108@54	21.82	20.72	0.1180
2	15	40	378000	1890	CP-OFDM QPSK	1@1	21.77	20.67	0.1167
2	15	40	378000	1890	CP-OFDM QPSK	1@214	21.45	20.35	0.1084



FR1 N5

Transmitter Conducted Output Power and ERP, (G_T - L_C)=-4.5dB

NR Band	SCS	BandWidth	Arfcn	Freq (MHz)	Modulation	RB	Conducted Power(dBm)	ERP (dBm)	ERP (W)
5	15	5	165300	826.5	DFT-s-OFDM QPSK	12@6	23.37	16.72	0.0470
5	15	5	165300	826.5	DFT-s-OFDM QPSK	1@1	23.56	16.91	0.0491
5	15	5	165300	826.5	DFT-s-OFDM QPSK	1@23	23.06	16.41	0.0438
5	15	5	165300	826.5	DFT-s-OFDM 16 QAM	12@6	22.48	15.83	0.0383
5	15	5	165300	826.5	DFT-s-OFDM 16 QAM	1@1	22.84	16.19	0.0416
5	15	5	165300	826.5	DFT-s-OFDM 16 QAM	1@23	22.51	15.86	0.0385
5	15	5	167300	836.5	DFT-s-OFDM QPSK	12@6	23.05	16.4	0.0437
5	15	5	167300	836.5	DFT-s-OFDM QPSK	1@1	23.2	16.55	0.0452
5	15	5	167300	836.5	DFT-s-OFDM QPSK	1@23	23.05	16.4	0.0437
5	15	5	167300	836.5	DFT-s-OFDM 16 QAM	12@6	22.16	15.51	0.0356
5	15	5	167300	836.5	DFT-s-OFDM 16 QAM	1@1	22.4	15.75	0.0376
5	15	5	167300	836.5	DFT-s-OFDM 16 QAM	1@23	22.41	15.76	0.0377
5	15	5	169300	846.5	DFT-s-OFDM QPSK	12@6	23.49	16.84	0.0483
5	15	5	169300	846.5	DFT-s-OFDM QPSK	1@1	23.48	16.83	0.0482
5	15	5	169300	846.5	DFT-s-OFDM QPSK	1@23	23.31	16.66	0.0463
5	15	5	169300	846.5	DFT-s-OFDM 16 QAM	12@6	22.51	15.86	0.0385
5	15	5	169300	846.5	DFT-s-OFDM 16 QAM	1@1	22.51	15.86	0.0385
5	15	5	169300	846.5	DFT-s-OFDM 16 QAM	1@23	22.7	16.05	0.0403
5	15	10	165800	829	DFT-s-OFDM QPSK	25@12	23.23	16.58	0.0455
5	15	10	165800	829	DFT-s-OFDM QPSK	1@1	23.49	16.84	0.0483
5	15	10	165800	829	DFT-s-OFDM QPSK	1@50	23.05	16.4	0.0437
5	15	10	165800	829	DFT-s-OFDM 16 QAM	25@12	22.31	15.66	0.0368
5	15	10	165800	829	DFT-s-OFDM 16 QAM	1@1	22.81	16.16	0.0413
5	15	10	165800	829	DFT-s-OFDM 16 QAM	1@50	22.36	15.71	0.0372
5	15	10	167300	836.5	DFT-s-OFDM QPSK	25@12	22.9	16.25	0.0422
5	15	10	167300	836.5	DFT-s-OFDM QPSK	1@1	22.83	16.18	0.0415
5	15	10	167300	836.5	DFT-s-OFDM QPSK	1@50	23.25	16.6	0.0457
5	15	10	167300	836.5	DFT-s-OFDM 16 QAM	25@12	22.16	15.51	0.0356
5	15	10	167300	836.5	DFT-s-OFDM 16 QAM	1@1	22.38	15.73	0.0374
5	15	10	167300	836.5	DFT-s-OFDM 16 QAM	1@50	22.51	15.86	0.0385
5	15	10	168800	844	DFT-s-OFDM QPSK	25@12	23.24	16.59	0.0456
5	15	10	168800	844	DFT-s-OFDM QPSK	1@1	23.03	16.38	0.0435
5	15	10	168800	844	DFT-s-OFDM QPSK	1@50	23.29	16.64	0.0461
5	15	10	168800	844	DFT-s-OFDM 16 QAM	25@12	22.44	15.79	0.0379
5	15	10	168800	844	DFT-s-OFDM 16 QAM	1@1	22.48	15.83	0.0383
5	15	10	168800	844	DFT-s-OFDM 16 QAM	1@50	22.79	16.14	0.0411
5	15	15	166300	831.5	DFT-s-OFDM QPSK	36@18	23.11	16.46	0.0443



NR Band	SCS	BandWidth	Arfcn	Freq (MHz)	Modulation	RB	Conducted Power(dBm)	ERP (dBm)	ERP (W)
5	15	15	166300	831.5	DFT-s-OFDM QPSK	1@1	23.7	17.05	0.0507
5	15	15	166300	831.5	DFT-s-OFDM QPSK	1@77	22.99	16.34	0.0431
5	15	15	166300	831.5	DFT-s-OFDM 16 QAM	36@18	22.36	15.71	0.0372
5	15	15	166300	831.5	DFT-s-OFDM 16 QAM	1@1	22.65	16	0.0398
5	15	15	166300	831.5	DFT-s-OFDM 16 QAM	1@77	22.47	15.82	0.0382
5	15	15	167300	836.5	DFT-s-OFDM QPSK	36@18	23.02	16.37	0.0434
5	15	15	167300	836.5	DFT-s-OFDM QPSK	1@1	23.47	16.82	0.0481
5	15	15	167300	836.5	DFT-s-OFDM QPSK	1@77	23.19	16.54	0.0451
5	15	15	167300	836.5	DFT-s-OFDM 16 QAM	36@18	22.36	15.71	0.0372
5	15	15	167300	836.5	DFT-s-OFDM 16 QAM	1@1	22.5	15.85	0.0385
5	15	15	167300	836.5	DFT-s-OFDM 16 QAM	1@77	22.49	15.84	0.0384
5	15	15	168300	841.5	DFT-s-OFDM QPSK	36@18	23.19	16.54	0.0451
5	15	15	168300	841.5	DFT-s-OFDM QPSK	1@1	23.2	16.55	0.0452
5	15	15	168300	841.5	DFT-s-OFDM QPSK	1@77	23.44	16.79	0.0478
5	15	15	168300	841.5	DFT-s-OFDM 16 QAM	36@18	22.26	15.61	0.0364
5	15	15	168300	841.5	DFT-s-OFDM 16 QAM	1@1	22.47	15.82	0.0382
5	15	15	168300	841.5	DFT-s-OFDM 16 QAM	1@77	22.7	16.05	0.0403
5	15	20	166800	834	DFT-s-OFDM PI/2 BPSK	50@25	23.3	16.65	0.0462
5	15	20	166800	834	DFT-s-OFDM PI/2 BPSK	1@1	23.53	16.88	0.0488
5	15	20	166800	834	DFT-s-OFDM PI/2 BPSK	1@104	23.22	16.57	0.0454
5	15	20	166800	834	DFT-s-OFDM QPSK	50@25	23.29	16.64	0.0461
5	15	20	166800	834	DFT-s-OFDM QPSK	1@1	23.72	17.07	0.0509
5	15	20	166800	834	DFT-s-OFDM QPSK	1@104	23.34	16.69	0.0467
5	15	20	166800	834	DFT-s-OFDM 16 QAM	50@25	22.32	15.67	0.0369
5	15	20	166800	834	DFT-s-OFDM 16 QAM	1@1	22.79	16.14	0.0411
5	15	20	166800	834	DFT-s-OFDM 16 QAM	1@104	22.5	15.85	0.0385
5	15	20	166800	834	DFT-s-OFDM 64 QAM	50@25	20.97	14.32	0.0270
5	15	20	166800	834	DFT-s-OFDM 64 QAM	1@1	20.93	14.28	0.0268
5	15	20	166800	834	DFT-s-OFDM 64 QAM	1@104	20.72	14.07	0.0255
5	15	20	166800	834	DFT-s-OFDM 256 QAM	50@25	18.92	12.27	0.0169
5	15	20	166800	834	DFT-s-OFDM 256 QAM	1@1	19.14	12.49	0.0177
5	15	20	166800	834	DFT-s-OFDM 256 QAM	1@104	18.93	12.28	0.0169
5	15	20	166800	834	CP-OFDM QPSK	53@26	22	15.35	0.0343
5	15	20	166800	834	CP-OFDM QPSK	1@1	22.23	15.58	0.0361
5	15	20	166800	834	CP-OFDM QPSK	1@104	21.86	15.21	0.0332
5	15	20	167300	836.5	DFT-s-OFDM PI/2 BPSK	50@25	23.26	16.61	0.0458
5	15	20	167300	836.5	DFT-s-OFDM PI/2 BPSK	1@1	23.25	16.6	0.0457
5	15	20	167300	836.5	DFT-s-OFDM PI/2 BPSK	1@104	23.52	16.87	0.0486
5	15	20	167300	836.5	DFT-s-OFDM QPSK	50@25	23.27	16.62	0.0459
5	15	20	167300	836.5	DFT-s-OFDM QPSK	1@1	23.39	16.74	0.0472
5	15	20	167300	836.5	DFT-s-OFDM QPSK	1@104	23.59	16.94	0.0494



NR Band	SCS	BandWidth	Arfcn	Freq (MHz)	Modulation	RB	Conducted Power(dBm)	ERP (dBm)	ERP (W)
5	15	20	167300	836.5	DFT-s-OFDM 16 QAM	50@25	22.43	15.78	0.0378
5	15	20	167300	836.5	DFT-s-OFDM 16 QAM	1@1	22.86	16.21	0.0418
5	15	20	167300	836.5	DFT-s-OFDM 16 QAM	1@104	22.72	16.07	0.0405
5	15	20	167300	836.5	DFT-s-OFDM 64 QAM	50@25	20.87	14.22	0.0264
5	15	20	167300	836.5	DFT-s-OFDM 64 QAM	1@1	20.82	14.17	0.0261
5	15	20	167300	836.5	DFT-s-OFDM 64 QAM	1@104	20.88	14.23	0.0265
5	15	20	167300	836.5	DFT-s-OFDM 256 QAM	50@25	18.9	12.25	0.0168
5	15	20	167300	836.5	DFT-s-OFDM 256 QAM	1@1	19.09	12.44	0.0175
5	15	20	167300	836.5	DFT-s-OFDM 256 QAM	1@104	19.06	12.41	0.0174
5	15	20	167300	836.5	CP-OFDM QPSK	53@26	21.91	15.26	0.0336
5	15	20	167300	836.5	CP-OFDM QPSK	1@1	21.93	15.28	0.0337
5	15	20	167300	836.5	CP-OFDM QPSK	1@104	21.9	15.25	0.0335
5	15	20	167800	839	DFT-s-OFDM PI/2 BPSK	50@25	23.26	16.61	0.0458
5	15	20	167800	839	DFT-s-OFDM PI/2 BPSK	1@1	23.29	16.64	0.0461
5	15	20	167800	839	DFT-s-OFDM PI/2 BPSK	1@104	23.43	16.78	0.0476
5	15	20	167800	839	DFT-s-OFDM QPSK	50@25	23.26	16.61	0.0458
5	15	20	167800	839	DFT-s-OFDM QPSK	1@1	23.11	16.46	0.0443
5	15	20	167800	839	DFT-s-OFDM QPSK	1@104	23.43	16.78	0.0476
5	15	20	167800	839	DFT-s-OFDM 16 QAM	50@25	22.54	15.89	0.0388
5	15	20	167800	839	DFT-s-OFDM 16 QAM	1@1	22.6	15.95	0.0394
5	15	20	167800	839	DFT-s-OFDM 16 QAM	1@104	22.9	16.25	0.0422
5	15	20	167800	839	DFT-s-OFDM 64 QAM	50@25	20.97	14.32	0.0270
5	15	20	167800	839	DFT-s-OFDM 64 QAM	1@1	20.74	14.09	0.0256
5	15	20	167800	839	DFT-s-OFDM 64 QAM	1@104	20.99	14.34	0.0272
5	15	20	167800	839	DFT-s-OFDM 256 QAM	50@25	18.97	12.32	0.0171
5	15	20	167800	839	DFT-s-OFDM 256 QAM	1@1	18.86	12.21	0.0166
5	15	20	167800	839	DFT-s-OFDM 256 QAM	1@104	19.14	12.49	0.0177
5	15	20	167800	839	CP-OFDM QPSK	53@26	21.91	15.26	0.0336
5	15	20	167800	839	CP-OFDM QPSK	1@1	22.06	15.41	0.0348
5	15	20	167800	839	CP-OFDM QPSK	1@104	22.23	15.58	0.0361



Software Version: 23.06.1602

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Transmitter Conducted Output Power And ERP, (G_T - L_C)=-4.5dB

NR Band	SCS	BandWidth	Arfcn	Freq (MHz)	Modulation	RB	Conducted Power(dBm)	ERP (dBm)	ERP (W)
26	15	5	165300	826.5	DFT-s-OFDM QPSK	12@6	23.56	16.91	0.0491
26	15	5	165300	826.5	DFT-s-OFDM QPSK	1@1	23.74	17.09	0.0512
26	15	5	165300	826.5	DFT-s-OFDM QPSK	1@23	23.27	16.62	0.0459
26	15	5	165300	826.5	DFT-s-OFDM 16 QAM	12@6	22.75	16.1	0.0407
26	15	5	165300	826.5	DFT-s-OFDM 16 QAM	1@1	22.98	16.33	0.0430
26	15	5	165300	826.5	DFT-s-OFDM 16 QAM	1@23	22.71	16.06	0.0404
26	15	5	167300	836.5	DFT-s-OFDM QPSK	12@6	23.19	16.54	0.0451
26	15	5	167300	836.5	DFT-s-OFDM QPSK	1@1	23.48	16.83	0.0482
26	15	5	167300	836.5	DFT-s-OFDM QPSK	1@23	23.2	16.55	0.0452
26	15	5	167300	836.5	DFT-s-OFDM 16 QAM	12@6	22.37	15.72	0.0373
26	15	5	167300	836.5	DFT-s-OFDM 16 QAM	1@1	22.62	15.97	0.0395
26	15	5	167300	836.5	DFT-s-OFDM 16 QAM	1@23	22.54	15.89	0.0388
26	15	5	169300	846.5	DFT-s-OFDM QPSK	12@6	23.72	17.07	0.0509
26	15	5	169300	846.5	DFT-s-OFDM QPSK	1@1	23.76	17.11	0.0514
26	15	5	169300	846.5	DFT-s-OFDM QPSK	1@23	23.55	16.9	0.0490
26	15	5	169300	846.5	DFT-s-OFDM 16 QAM	12@6	22.72	16.07	0.0405
26	15	5	169300	846.5	DFT-s-OFDM 16 QAM	1@1	22.84	16.19	0.0416
26	15	5	169300	846.5	DFT-s-OFDM 16 QAM	1@23	22.95	16.3	0.0427
26	15	10	165800	829	DFT-s-OFDM QPSK	25@12	23.42	16.77	0.0475
26	15	10	165800	829	DFT-s-OFDM QPSK	1@1	23.87	17.22	0.0527
26	15	10	165800	829	DFT-s-OFDM QPSK	1@50	23.08	16.43	0.0440
26	15	10	165800	829	DFT-s-OFDM 16 QAM	25@12	22.57	15.92	0.0391
26	15	10	165800	829	DFT-s-OFDM 16 QAM	1@1	23.01	16.36	0.0433
26	15	10	165800	829	DFT-s-OFDM 16 QAM	1@50	22.58	15.93	0.0392
26	15	10	167300	836.5	DFT-s-OFDM QPSK	25@12	23.23	16.58	0.0455
26	15	10	167300	836.5	DFT-s-OFDM QPSK	1@1	23.19	16.54	0.0451
26	15	10	167300	836.5	DFT-s-OFDM QPSK	1@50	23.48	16.83	0.0482
26	15	10	167300	836.5	DFT-s-OFDM 16 QAM	25@12	22.4	15.75	0.0376
26	15	10	167300	836.5	DFT-s-OFDM 16 QAM	1@1	22.59	15.94	0.0393
26	15	10	167300	836.5	DFT-s-OFDM 16 QAM	1@50	22.74	16.09	0.0406
26	15	10	168800	844	DFT-s-OFDM QPSK	25@12	23.56	16.91	0.0491
26	15	10	168800	844	DFT-s-OFDM QPSK	1@1	23.4	16.75	0.0473
26	15	10	168800	844	DFT-s-OFDM QPSK	1@50	23.57	16.92	0.0492



NR Band	SCS	BandWidth	Arfcn	Freq (MHz)	Modulation	RB	Conducted Power(dBm)	ERP (dBm)	ERP (W)
26	15	10	168800	844	DFT-s-OFDM 16 QAM	25@12	22.57	15.92	0.0391
26	15	10	168800	844	DFT-s-OFDM 16 QAM	1@1	22.64	15.99	0.0397
26	15	10	168800	844	DFT-s-OFDM 16 QAM	1@50	22.98	16.33	0.0430
26	15	15	166300	831.5	DFT-s-OFDM QPSK	36@18	23.32	16.67	0.0465
26	15	15	166300	831.5	DFT-s-OFDM QPSK	1@1	23.59	16.94	0.0494
26	15	15	166300	831.5	DFT-s-OFDM QPSK	1@77	23.23	16.58	0.0455
26	15	15	166300	831.5	DFT-s-OFDM 16 QAM	36@18	22.45	15.8	0.0380
26	15	15	166300	831.5	DFT-s-OFDM 16 QAM	1@1	22.93	16.28	0.0425
26	15	15	166300	831.5	DFT-s-OFDM 16 QAM	1@77	22.47	15.82	0.0382
26	15	15	167300	836.5	DFT-s-OFDM QPSK	36@18	23.24	16.59	0.0456
26	15	15	167300	836.5	DFT-s-OFDM QPSK	1@1	23.63	16.98	0.0499
26	15	15	167300	836.5	DFT-s-OFDM QPSK	1@77	23.45	16.8	0.0479
26	15	15	167300	836.5	DFT-s-OFDM 16 QAM	36@18	22.5	15.85	0.0385
26	15	15	167300	836.5	DFT-s-OFDM 16 QAM	1@1	22.6	15.95	0.0394
26	15	15	167300	836.5	DFT-s-OFDM 16 QAM	1@77	22.74	16.09	0.0406
26	15	15	168300	841.5	DFT-s-OFDM QPSK	36@18	23.33	16.68	0.0466
26	15	15	168300	841.5	DFT-s-OFDM QPSK	1@1	23.47	16.82	0.0481
26	15	15	168300	841.5	DFT-s-OFDM QPSK	1@77	23.59	16.94	0.0494
26	15	15	168300	841.5	DFT-s-OFDM 16 QAM	36@18	22.53	15.88	0.0387
26	15	15	168300	841.5	DFT-s-OFDM 16 QAM	1@1	22.52	15.87	0.0386
26	15	15	168300	841.5	DFT-s-OFDM 16 QAM	1@77	22.84	16.19	0.0416
26	15	20	166800	834	DFT-s-OFDM PI/2 BPSK	50@25	23.32	16.67	0.0465
26	15	20	166800	834	DFT-s-OFDM PI/2 BPSK	1@1	23.71	17.06	0.0508
26	15	20	166800	834	DFT-s-OFDM PI/2 BPSK	1@104	23.5	16.85	0.0484
26	15	20	166800	834	DFT-s-OFDM QPSK	50@25	23.38	16.73	0.0471
26	15	20	166800	834	DFT-s-OFDM QPSK	1@1	23.91	17.26	0.0532
26	15	20	166800	834	DFT-s-OFDM QPSK	1@104	23.51	16.86	0.0485
26	15	20	166800	834	DFT-s-OFDM 16 QAM	50@25	22.55	15.9	0.0389
26	15	20	166800	834	DFT-s-OFDM 16 QAM	1@1	22.99	16.34	0.0431
26	15	20	166800	834	DFT-s-OFDM 16 QAM	1@104	22.79	16.14	0.0411
26	15	20	166800	834	DFT-s-OFDM 64 QAM	50@25	21.03	14.38	0.0274
26	15	20	166800	834	DFT-s-OFDM 64 QAM	1@1	21.08	14.43	0.0277
26	15	20	166800	834	DFT-s-OFDM 64 QAM	1@104	20.97	14.32	0.0270
26	15	20	166800	834	DFT-s-OFDM 256 QAM	50@25	19.11	12.46	0.0176
26	15	20	166800	834	DFT-s-OFDM 256 QAM	1@1	19.3	12.65	0.0184
26	15	20	166800	834	DFT-s-OFDM 256 QAM	1@104	19.07	12.42	0.0175
26	15	20	166800	834	CP-OFDM QPSK	53@26	21.97	15.32	0.0340
26	15	20	166800	834	CP-OFDM QPSK	1@1	22.47	15.82	0.0382
26	15	20	166800	834	CP-OFDM QPSK	1@104	22.07	15.42	0.0348



NR Band	SCS	BandWidth	Arfcn	Freq (MHz)	Modulation	RB	Conducted Power(dBm)	ERP (dBm)	ERP (W)
26	15	20	167300	836.5	DFT-s-OFDM PI/2 BPSK	50@25	23.34	16.69	0.0467
26	15	20	167300	836.5	DFT-s-OFDM PI/2 BPSK	1@1	23.57	16.92	0.0492
26	15	20	167300	836.5	DFT-s-OFDM PI/2 BPSK	1@104	23.73	17.08	0.0511
26	15	20	167300	836.5	DFT-s-OFDM QPSK	50@25	23.48	16.83	0.0482
26	15	20	167300	836.5	DFT-s-OFDM QPSK	1@1	23.55	16.9	0.0490
26	15	20	167300	836.5	DFT-s-OFDM QPSK	1@104	23.73	17.08	0.0511
26	15	20	167300	836.5	DFT-s-OFDM 16 QAM	50@25	22.5	15.85	0.0385
26	15	20	167300	836.5	DFT-s-OFDM 16 QAM	1@1	22.87	16.22	0.0419
26	15	20	167300	836.5	DFT-s-OFDM 16 QAM	1@104	22.91	16.26	0.0423
26	15	20	167300	836.5	DFT-s-OFDM 64 QAM	50@25	21.04	14.39	0.0275
26	15	20	167300	836.5	DFT-s-OFDM 64 QAM	1@1	21.01	14.36	0.0273
26	15	20	167300	836.5	DFT-s-OFDM 64 QAM	1@104	21.01	14.36	0.0273
26	15	20	167300	836.5	DFT-s-OFDM 256 QAM	50@25	19.03	12.38	0.0173
26	15	20	167300	836.5	DFT-s-OFDM 256 QAM	1@1	19.14	12.49	0.0177
26	15	20	167300	836.5	DFT-s-OFDM 256 QAM	1@104	19.18	12.53	0.0179
26	15	20	167300	836.5	CP-OFDM QPSK	53@26	22.05	15.4	0.0347
26	15	20	167300	836.5	CP-OFDM QPSK	1@1	22.19	15.54	0.0358
26	15	20	167300	836.5	CP-OFDM QPSK	1@104	22.2	15.55	0.0359
26	15	20	167800	839	DFT-s-OFDM PI/2 BPSK	50@25	23.42	16.77	0.0475
26	15	20	167800	839	DFT-s-OFDM PI/2 BPSK	1@1	23.44	16.79	0.0478
26	15	20	167800	839	DFT-s-OFDM PI/2 BPSK	1@104	23.7	17.05	0.0507
26	15	20	167800	839	DFT-s-OFDM QPSK	50@25	23.46	16.81	0.0480
26	15	20	167800	839	DFT-s-OFDM QPSK	1@1	23.35	16.7	0.0468
26	15	20	167800	839	DFT-s-OFDM QPSK	1@104	23.72	17.07	0.0509
26	15	20	167800	839	DFT-s-OFDM 16 QAM	50@25	22.68	16.03	0.0401
26	15	20	167800	839	DFT-s-OFDM 16 QAM	1@1	22.71	16.06	0.0404
26	15	20	167800	839	DFT-s-OFDM 16 QAM	1@104	22.98	16.33	0.0430
26	15	20	167800	839	DFT-s-OFDM 64 QAM	50@25	21.13	14.48	0.0281
26	15	20	167800	839	DFT-s-OFDM 64 QAM	1@1	20.83	14.18	0.0262
26	15	20	167800	839	DFT-s-OFDM 64 QAM	1@104	21.18	14.53	0.0284
26	15	20	167800	839	DFT-s-OFDM 256 QAM	50@25	19.05	12.4	0.0174
26	15	20	167800	839	DFT-s-OFDM 256 QAM	1@1	19.06	12.41	0.0174
26	15	20	167800	839	DFT-s-OFDM 256 QAM	1@104	19.32	12.67	0.0185
26	15	20	167800	839	CP-OFDM QPSK	53@26	22.08	15.43	0.0349
26	15	20	167800	839	CP-OFDM QPSK	1@1	22.04	15.39	0.0346
26	15	20	167800	839	CP-OFDM QPSK	1@104	22.21	15.56	0.0360

Frequency Stability

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Deviation (ppm)	Verdict	Environment
26	15	20	167300	836.5	DFT-s-OFDM QPSK	100@0	0.0000	PASS	NV
26	15	20	167300	836.5	DFT-s-OFDM QPSK	100@0	0.0050	PASS	LV
26	15	20	167300	836.5	DFT-s-OFDM QPSK	100@0	0.0019	PASS	HV
26	15	20	167300	836.5	DFT-s-OFDM QPSK	100@0	0.0030	PASS	-30°C
26	15	20	167300	836.5	DFT-s-OFDM QPSK	100@0	0.0055	PASS	-20°C
26	15	20	167300	836.5	DFT-s-OFDM QPSK	100@0	0.0093	PASS	-10°C
26	15	20	167300	836.5	DFT-s-OFDM QPSK	100@0	0.0005	PASS	0°C
26	15	20	167300	836.5	DFT-s-OFDM QPSK	100@0	0.0055	PASS	10°C
26	15	20	167300	836.5	DFT-s-OFDM QPSK	100@0	0.0000	PASS	20°C
26	15	20	167300	836.5	DFT-s-OFDM QPSK	100@0	0.0074	PASS	30°C
26	15	20	167300	836.5	DFT-s-OFDM QPSK	100@0	0.0084	PASS	40°C
26	15	20	167300	836.5	DFT-s-OFDM QPSK	100@0	0.0102	PASS	50°C