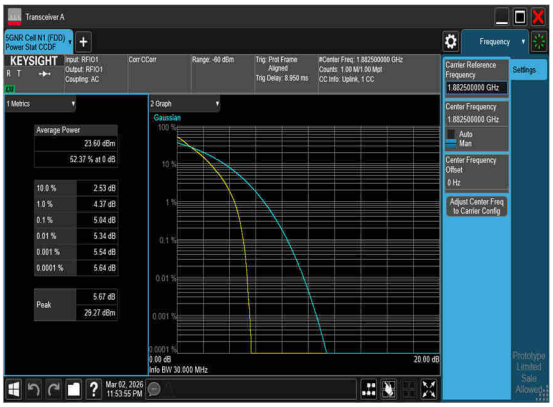
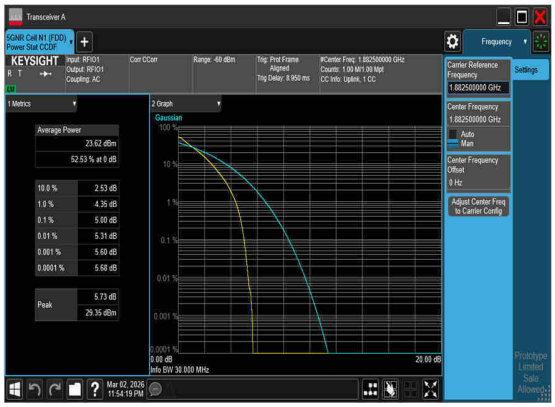
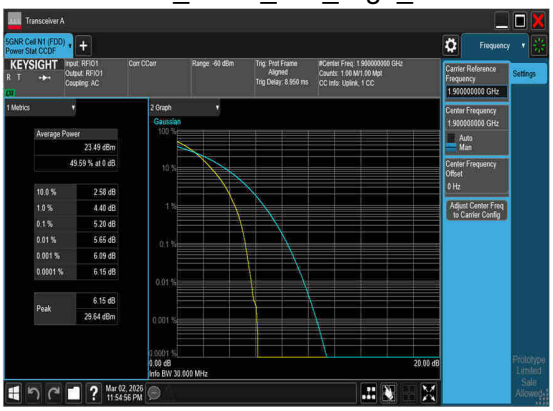
N25(30M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_Mid_CH



N25(30M)_DFT-s-OFDM_QPSK_Outer_Full_Mid_CH

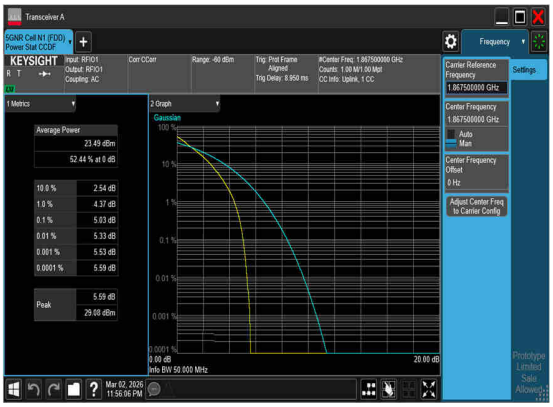


N25(30M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_High_CH

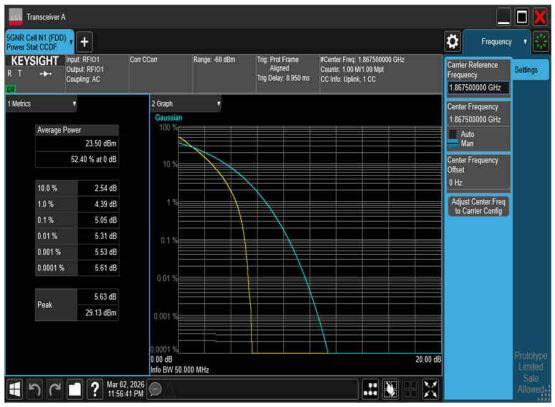


N25(30M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH

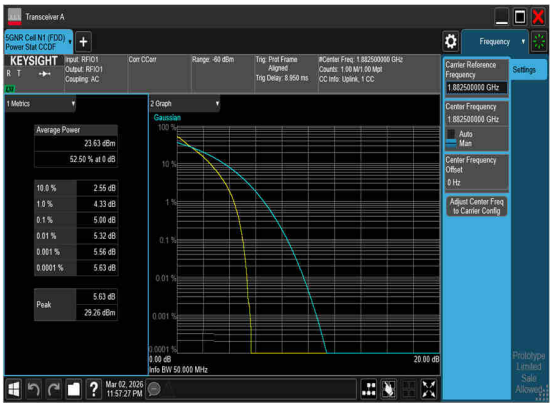
N25(35M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_Low_CH



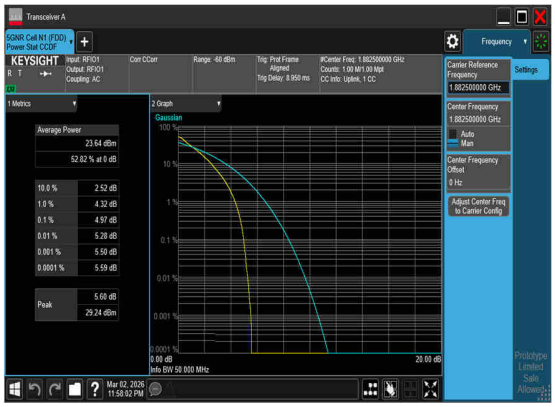
N25(35M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH



N25(35M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_Mid_CH



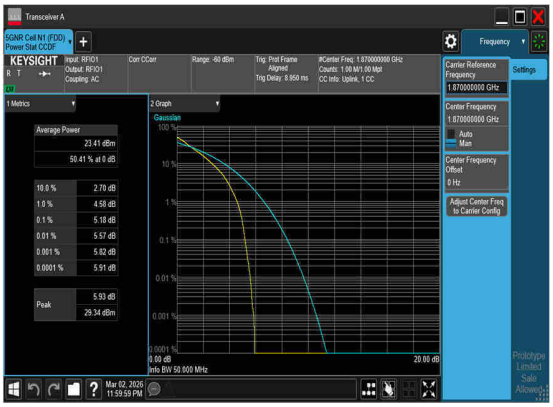
N25(35M)_DFT-s-OFDM_QPSK_Outer_Full_Mid_CH



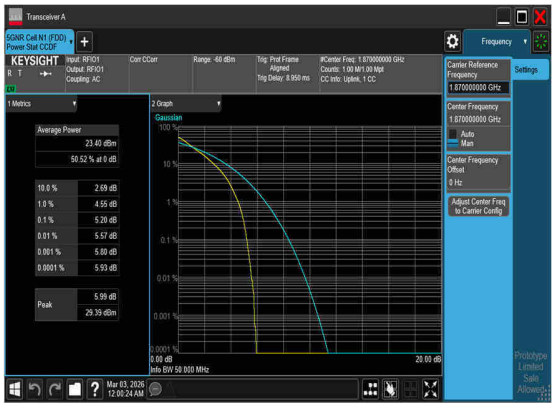
N25(35M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_High_CH

N25(35M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH

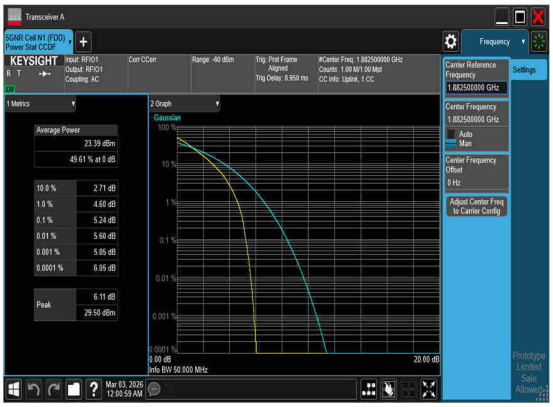
N25(40M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_Low_CH



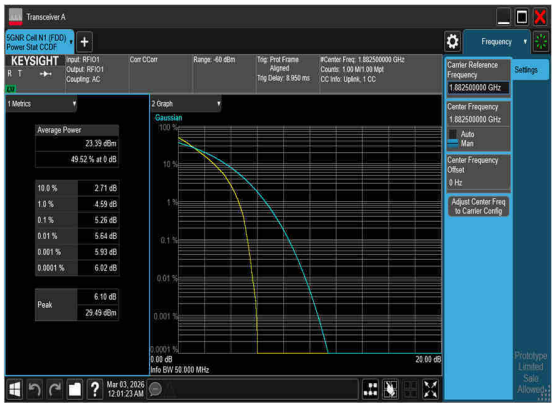
N25(40M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH



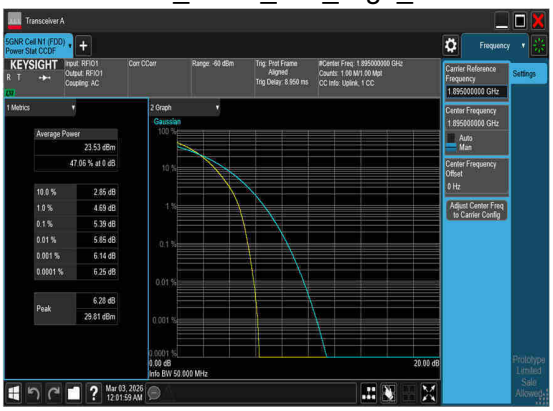
N25(40M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_Mid_CH



N25(40M)_DFT-s-OFDM_QPSK_Outer_Full_Mid_CH



N25(40M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_High_CH



N25(40M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH

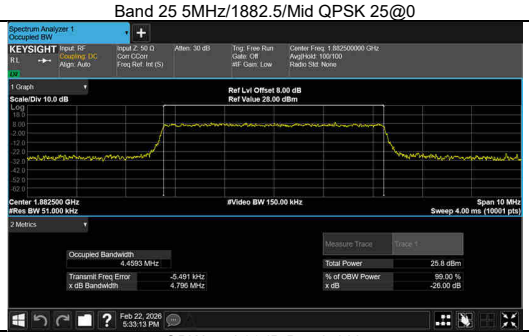
Occupied Bandwidth

Test Result

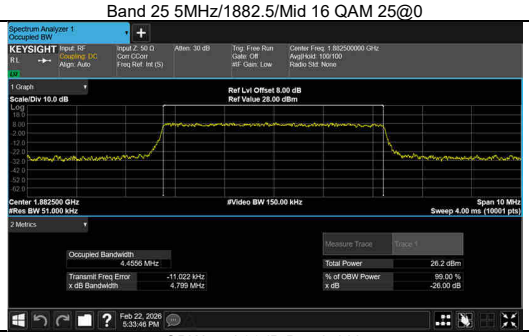
NR Band	SCS	BandWidth	Arfcn	Freq(MHz)	Modulation	RB	OBW(MHz)	26dB OBW(MHz)
25	15	5	376500	1882.5	CP-OFDM QPSK	25@0	4.46	4.796
25	15	5	376500	1882.5	CP-OFDM 16 QAM	25@0	4.46	4.799
25	15	5	376500	1882.5	CP-OFDM 64 QAM	25@0	4.47	4.806
25	15	5	376500	1882.5	CP-OFDM 256 QAM	25@0	4.47	4.995
25	15	10	376500	1882.5	CP-OFDM QPSK	52@0	9.26	9.711
25	15	10	376500	1882.5	CP-OFDM 16 QAM	52@0	9.27	9.689
25	15	10	376500	1882.5	CP-OFDM 64 QAM	52@0	9.28	9.786
25	15	10	376500	1882.5	CP-OFDM 256 QAM	52@0	9.26	9.749
25	15	15	376500	1882.5	CP-OFDM QPSK	79@0	14.1	14.63
25	15	15	376500	1882.5	CP-OFDM 16 QAM	79@0	14.09	14.67
25	15	15	376500	1882.5	CP-OFDM 64 QAM	79@0	14.1	14.76
25	15	15	376500	1882.5	CP-OFDM 256 QAM	79@0	14.06	14.67
25	15	20	376500	1882.5	CP-OFDM QPSK	106@0	18.89	19.64
25	15	20	376500	1882.5	CP-OFDM 16 QAM	106@0	18.89	19.57
25	15	20	376500	1882.5	CP-OFDM 64 QAM	106@0	18.89	19.57
25	15	20	376500	1882.5	CP-OFDM 256 QAM	106@0	18.86	19.6
25	15	25	376500	1882.5	CP-OFDM QPSK	133@0	23.75	24.65
25	15	25	376500	1882.5	CP-OFDM 16 QAM	133@0	23.72	24.66
25	15	25	376500	1882.5	CP-OFDM 64 QAM	133@0	23.73	24.67
25	15	25	376500	1882.5	CP-OFDM 256 QAM	133@0	23.72	24.63
25	15	30	376500	1882.5	CP-OFDM QPSK	160@0	28.57	29.83
25	15	30	376500	1882.5	CP-OFDM 16 QAM	160@0	28.53	29.59
25	15	30	376500	1882.5	CP-OFDM 64 QAM	160@0	28.55	29.49
25	15	30	376500	1882.5	CP-OFDM 256 QAM	160@0	28.47	29.5
25	15	35	376500	1882.5	CP-OFDM QPSK	188@0	33.45	34.62
25	15	35	376500	1882.5	CP-OFDM 16 QAM	188@0	33.47	34.62
25	15	35	376500	1882.5	CP-OFDM 64 QAM	188@0	33.54	34.68
25	15	35	376500	1882.5	CP-OFDM 256 QAM	188@0	33.5	34.67
25	15	40	376500	1882.5	CP-OFDM QPSK	216@0	38.44	39.82
25	15	40	376500	1882.5	CP-OFDM 16 QAM	216@0	38.54	39.76
25	15	40	376500	1882.5	CP-OFDM 64 QAM	216@0	38.48	39.88
25	15	40	376500	1882.5	CP-OFDM 256 QAM	216@0	38.57	39.75

Test Graphs

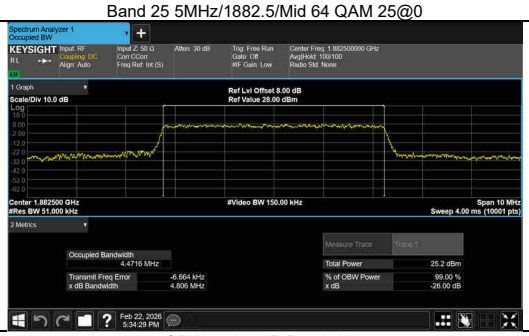
OBW and 26dB Bandwidth
Band 25 5MHz/1882.5/Mid QPSK 25@0



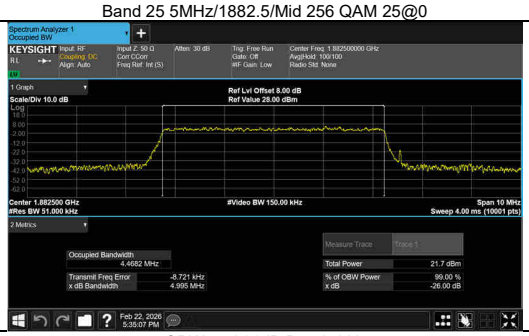
OBW and 26dB Bandwidth
Band 25 5MHz/1882.5/Mid 16 QAM 25@0



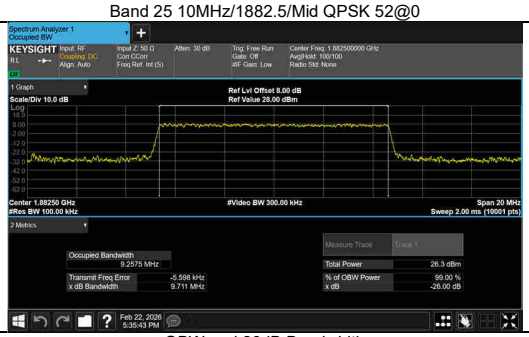
OBW and 26dB Bandwidth
Band 25 5MHz/1882.5/Mid 64 QAM 25@0



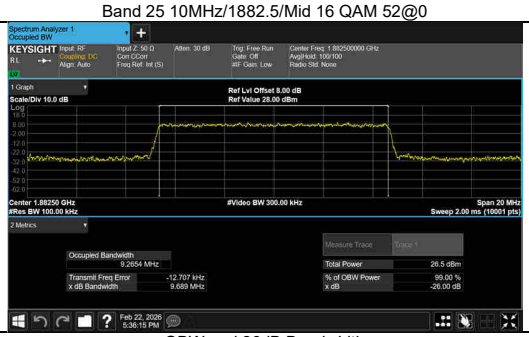
OBW and 26dB Bandwidth
Band 25 5MHz/1882.5/Mid 256 QAM 25@0



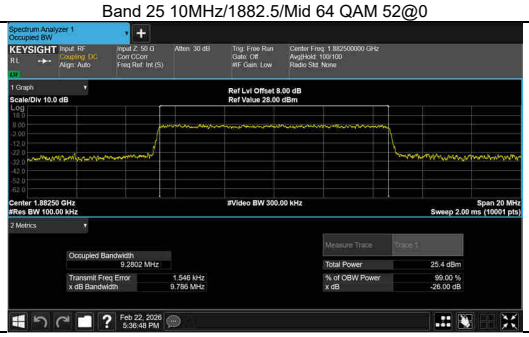
OBW and 26dB Bandwidth
Band 25 10MHz/1882.5/Mid QPSK 52@0



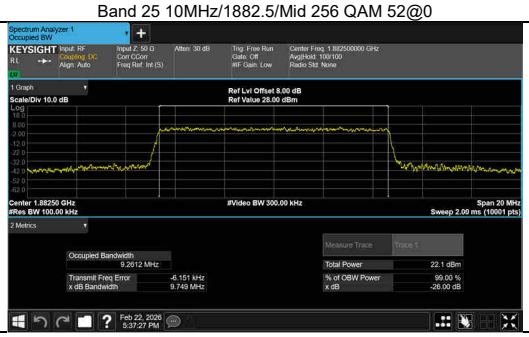
OBW and 26dB Bandwidth
Band 25 10MHz/1882.5/Mid 16 QAM 52@0

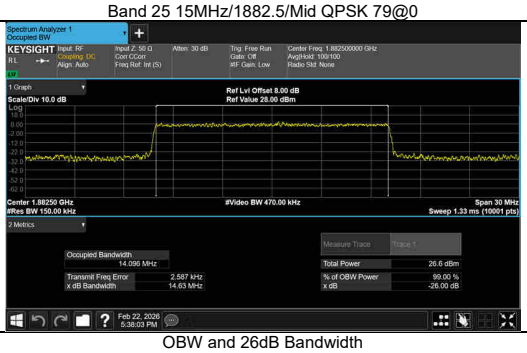
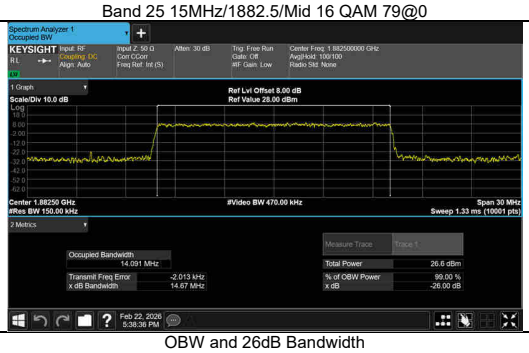
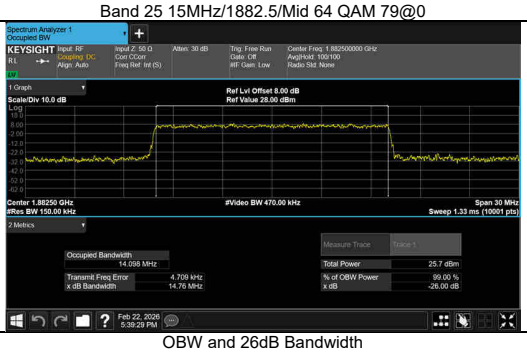
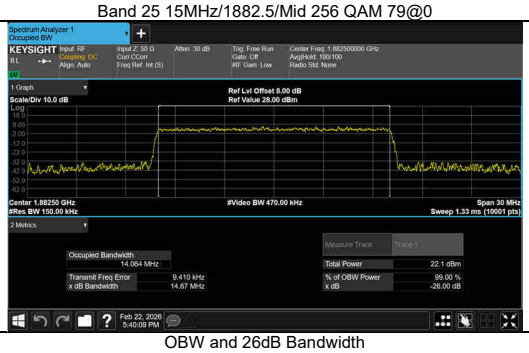
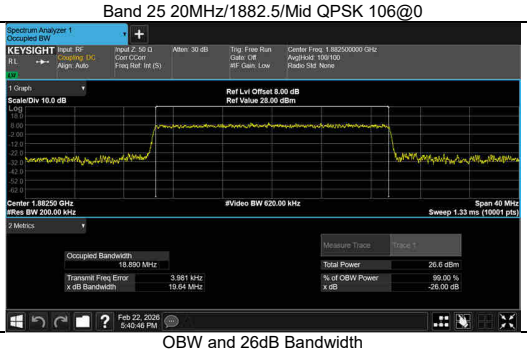
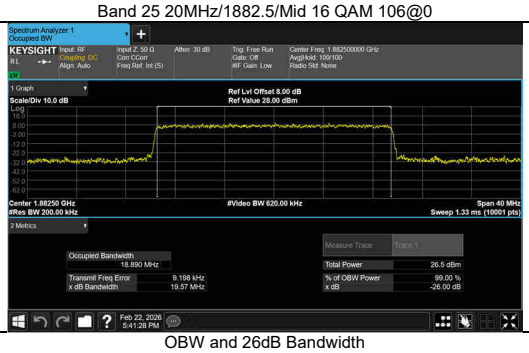
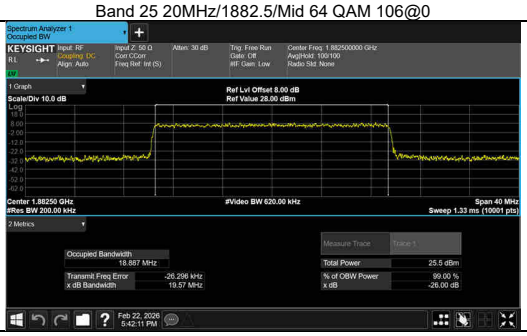
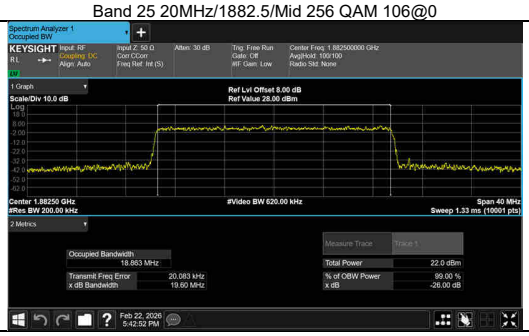


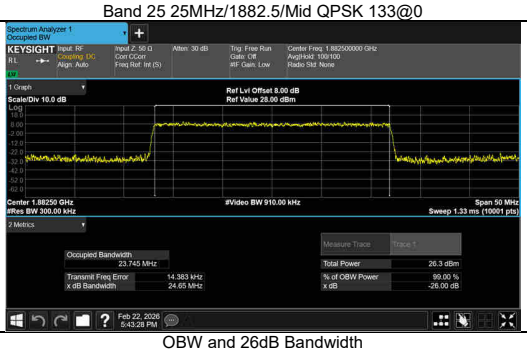
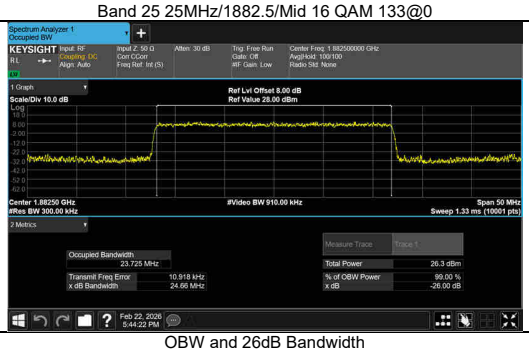
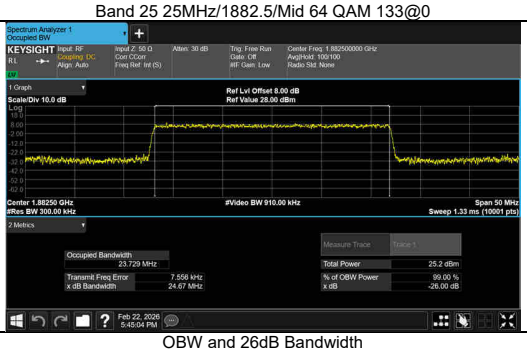
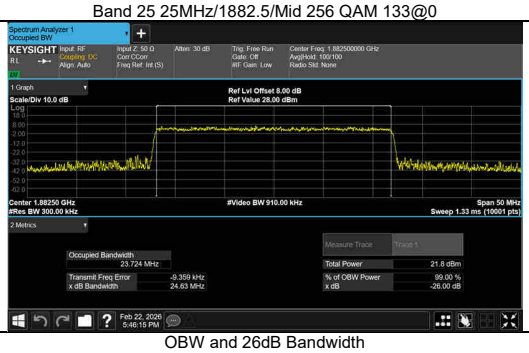
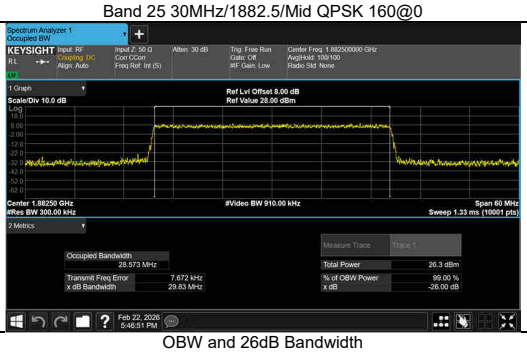
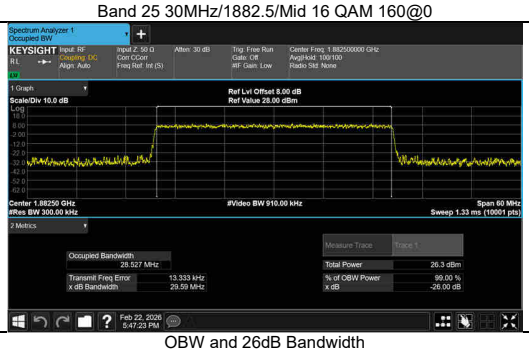
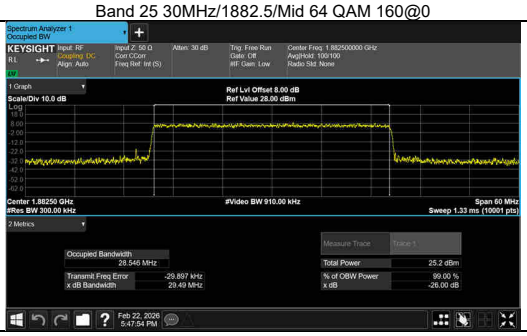
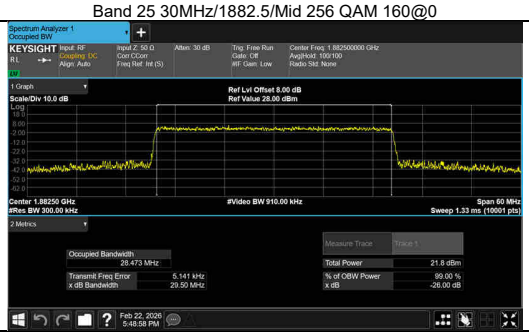
OBW and 26dB Bandwidth
Band 25 10MHz/1882.5/Mid 64 QAM 52@0

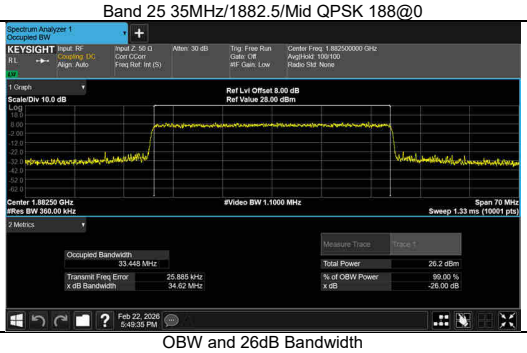
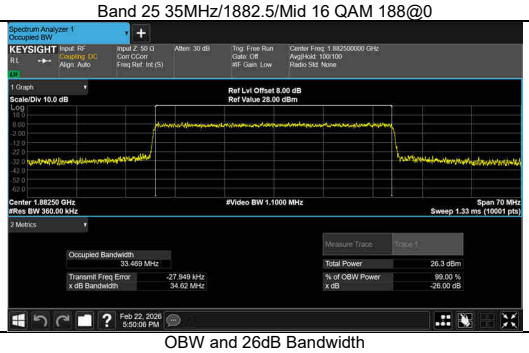
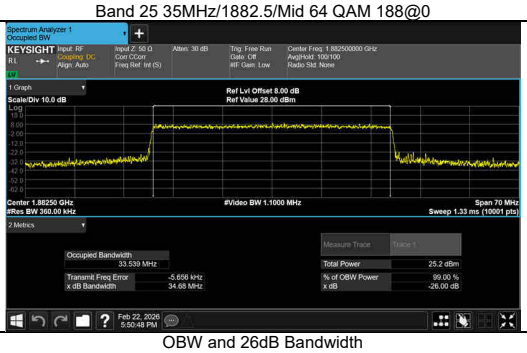
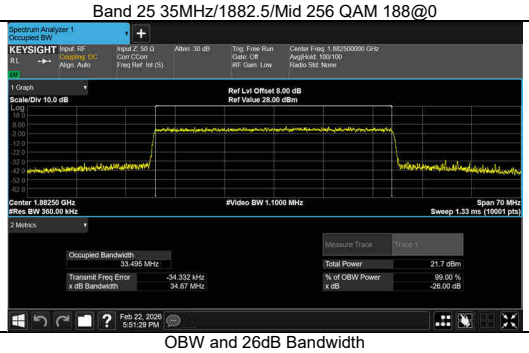
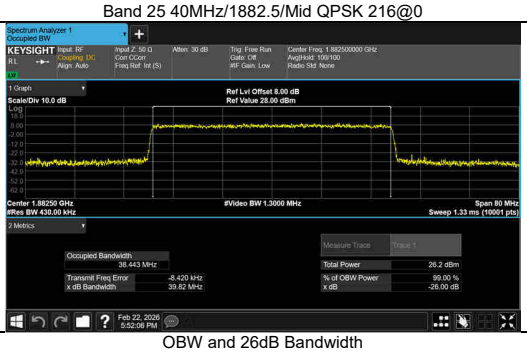
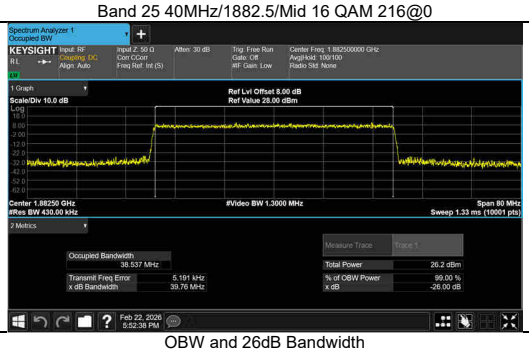
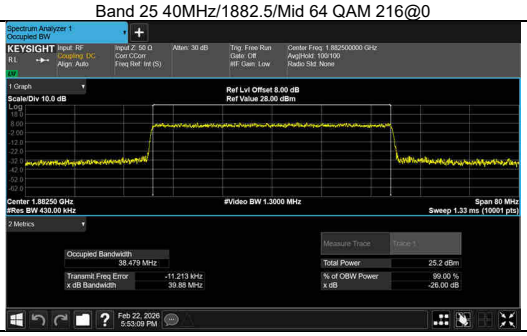
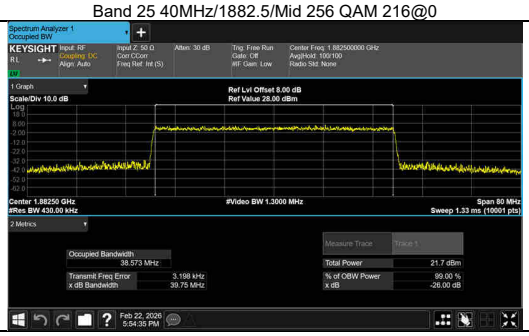


OBW and 26dB Bandwidth
Band 25 10MHz/1882.5/Mid 256 QAM 52@0



OBW and 26dB Bandwidth Band 25 15MHz/1882.5/Mid QPSK 79@0	OBW and 26dB Bandwidth Band 25 15MHz/1882.5/Mid 16 QAM 79@0
	
OBW and 26dB Bandwidth Band 25 15MHz/1882.5/Mid 64 QAM 79@0	OBW and 26dB Bandwidth Band 25 15MHz/1882.5/Mid 256 QAM 79@0
	
OBW and 26dB Bandwidth Band 25 20MHz/1882.5/Mid QPSK 106@0	OBW and 26dB Bandwidth Band 25 20MHz/1882.5/Mid 16 QAM 106@0
	
OBW and 26dB Bandwidth Band 25 20MHz/1882.5/Mid 64 QAM 106@0	OBW and 26dB Bandwidth Band 25 20MHz/1882.5/Mid 256 QAM 106@0
	

OBW and 26dB Bandwidth Band 25 25MHz/1882.5/Mid QPSK 133@0	OBW and 26dB Bandwidth Band 25 25MHz/1882.5/Mid 16 QAM 133@0
	
OBW and 26dB Bandwidth Band 25 25MHz/1882.5/Mid 64 QAM 133@0	OBW and 26dB Bandwidth Band 25 25MHz/1882.5/Mid 256 QAM 133@0
	
OBW and 26dB Bandwidth Band 25 30MHz/1882.5/Mid QPSK 160@0	OBW and 26dB Bandwidth Band 25 30MHz/1882.5/Mid 16 QAM 160@0
	
OBW and 26dB Bandwidth Band 25 30MHz/1882.5/Mid 64 QAM 160@0	OBW and 26dB Bandwidth Band 25 30MHz/1882.5/Mid 256 QAM 160@0
	

OBW and 26dB Bandwidth Band 25 35MHz/1882.5/Mid QPSK 188@0	OBW and 26dB Bandwidth Band 25 35MHz/1882.5/Mid 16 QAM 188@0
	
OBW and 26dB Bandwidth Band 25 35MHz/1882.5/Mid 64 QAM 188@0	OBW and 26dB Bandwidth Band 25 35MHz/1882.5/Mid 256 QAM 188@0
	
OBW and 26dB Bandwidth Band 25 40MHz/1882.5/Mid QPSK 216@0	OBW and 26dB Bandwidth Band 25 40MHz/1882.5/Mid 16 QAM 216@0
	
OBW and 26dB Bandwidth Band 25 40MHz/1882.5/Mid 64 QAM 216@0	OBW and 26dB Bandwidth Band 25 40MHz/1882.5/Mid 256 QAM 216@0
	

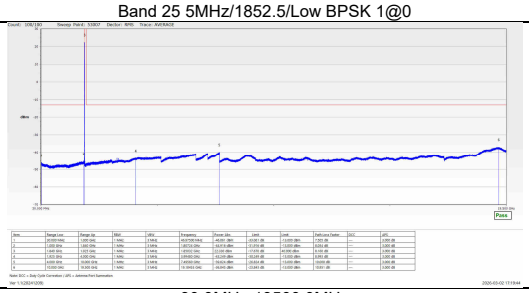
Conducted Spurious Emissions

Test Result

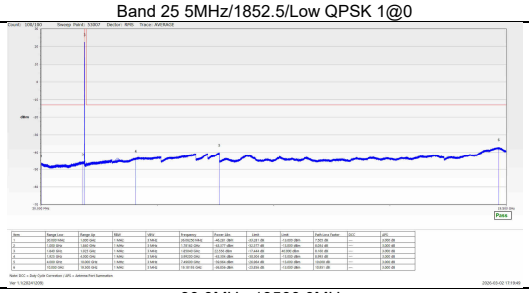
NR Band	SCS	BandWidth	Arfcn	Freq(MHz)	Modulation	RB	Result	Verdict
25	15	5	370500	1852.5	DFT-s-OFDM BPSK	1@0	See graph	---
25	15	5	370500	1852.5	DFT-s-OFDM QPSK	1@0	See graph	---
25	15	5	376500	1882.5	DFT-s-OFDM BPSK	1@0	See graph	---
25	15	5	376500	1882.5	DFT-s-OFDM QPSK	1@0	See graph	---
25	15	5	382500	1912.5	DFT-s-OFDM BPSK	1@0	See graph	---
25	15	5	382500	1912.5	DFT-s-OFDM QPSK	1@0	See graph	---
25	15	20	372000	1860.0	DFT-s-OFDM BPSK	1@0	See graph	---
25	15	20	372000	1860.0	DFT-s-OFDM QPSK	1@0	See graph	---
25	15	20	376500	1882.5	DFT-s-OFDM BPSK	1@0	See graph	---
25	15	20	376500	1882.5	DFT-s-OFDM QPSK	1@0	See graph	---
25	15	20	381000	1905.0	DFT-s-OFDM BPSK	1@0	See graph	---
25	15	20	381000	1905.0	DFT-s-OFDM QPSK	1@0	See graph	---
25	15	40	374000	1870.0	DFT-s-OFDM BPSK	1@0	See graph	---
25	15	40	374000	1870.0	DFT-s-OFDM QPSK	1@0	See graph	---
25	15	40	376500	1882.5	DFT-s-OFDM BPSK	1@0	See graph	---
25	15	40	376500	1882.5	DFT-s-OFDM QPSK	1@0	See graph	---
25	15	40	379000	1895.0	DFT-s-OFDM BPSK	1@0	See graph	---
25	15	40	379000	1895.0	DFT-s-OFDM QPSK	1@0	See graph	---

Test Graphs

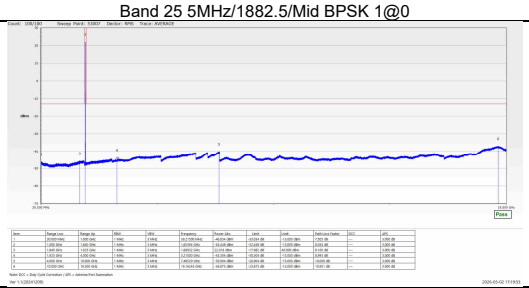
30.0MHz-19500.0MHz
Band 25 5MHz/1852.5/Low BPSK 1@0



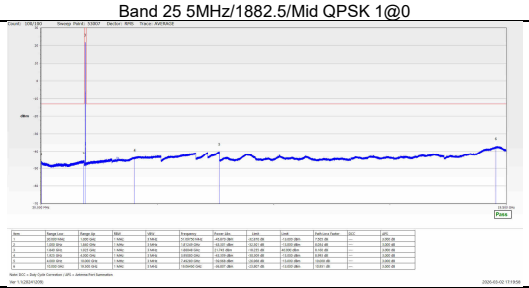
30.0MHz-19500.0MHz
Band 25 5MHz/1852.5/Low QPSK 1@0



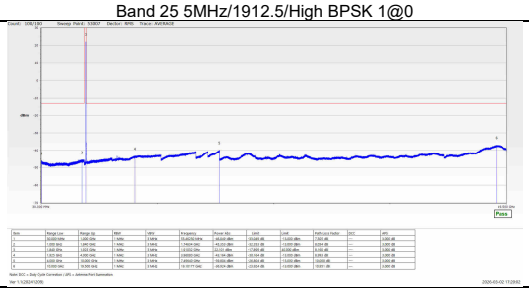
30.0MHz-19500.0MHz
Band 25 5MHz/1882.5/Mid BPSK 1@0



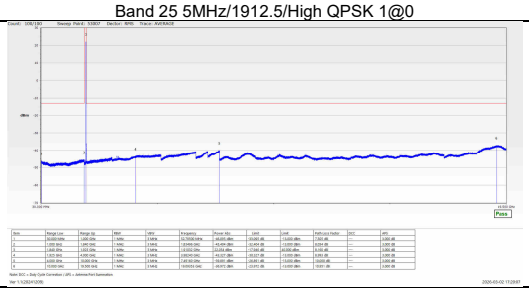
30.0MHz-19500.0MHz
Band 25 5MHz/1882.5/Mid QPSK 1@0



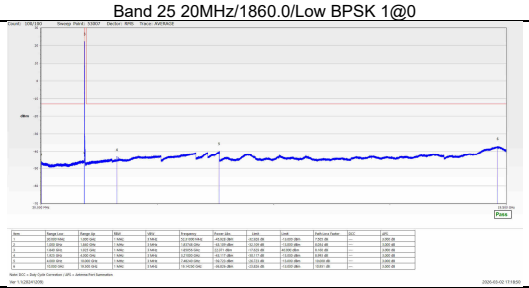
30.0MHz-19500.0MHz
Band 25 5MHz/1912.5/High BPSK 1@0



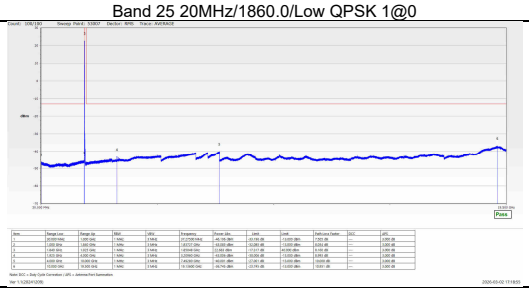
30.0MHz-19500.0MHz
Band 25 5MHz/1912.5/High QPSK 1@0

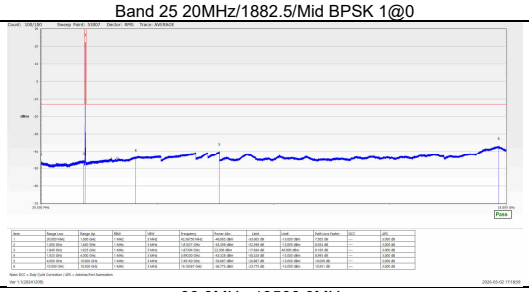
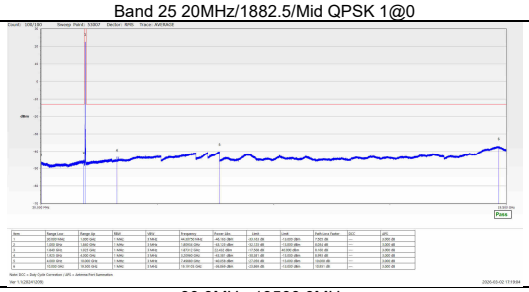
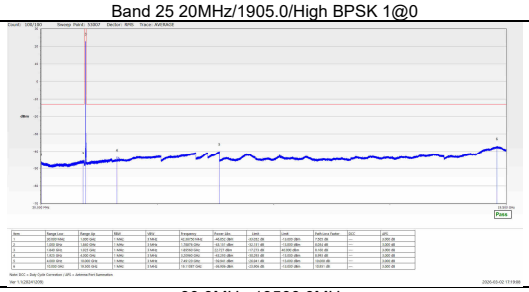
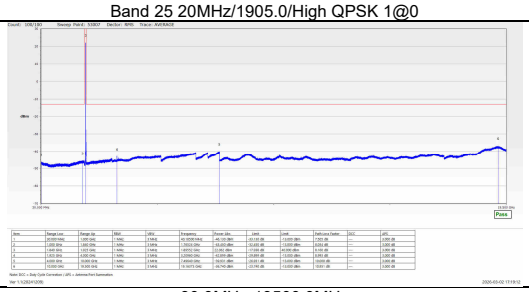
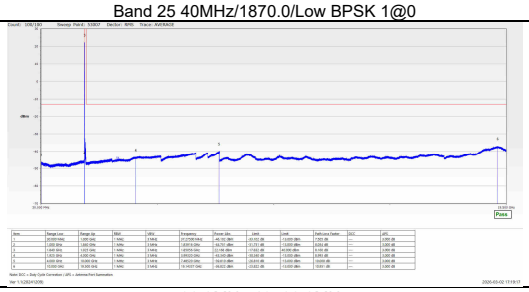
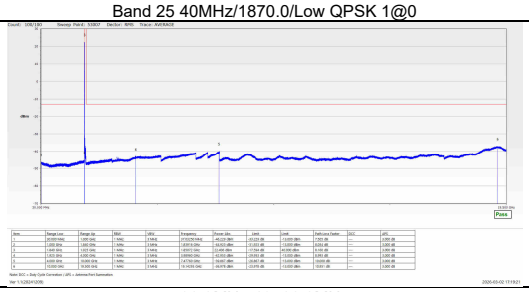
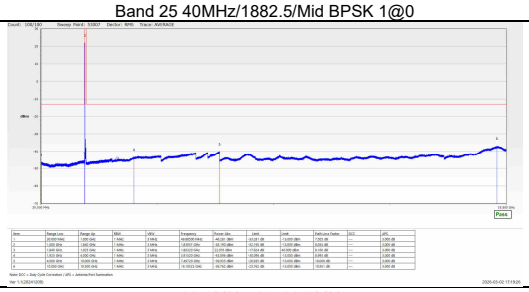
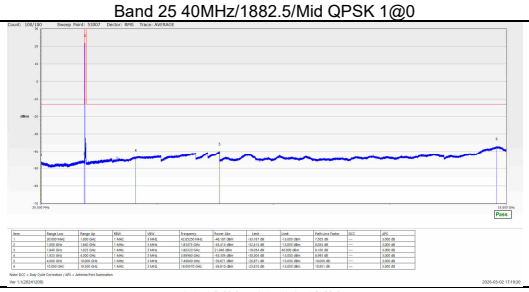
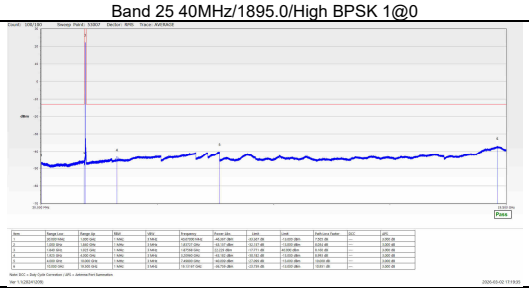
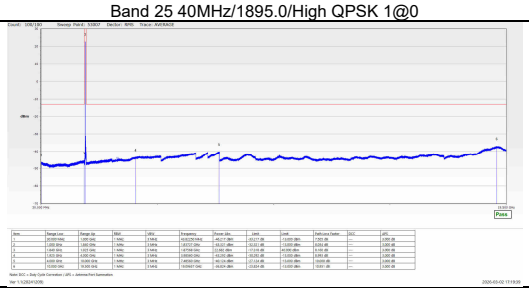


30.0MHz-19500.0MHz
Band 25 20MHz/1860.0/Low BPSK 1@0



30.0MHz-19500.0MHz
Band 25 20MHz/1860.0/Low QPSK 1@0



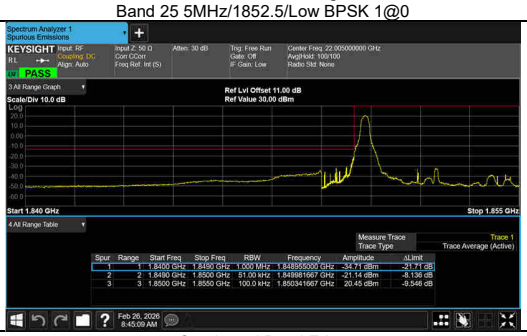
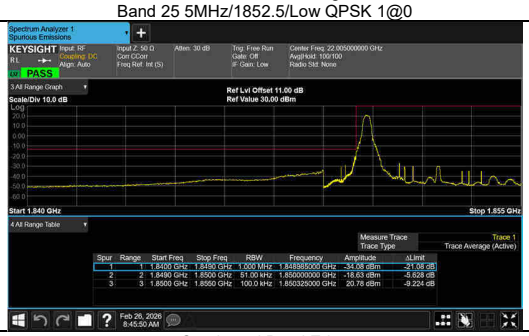
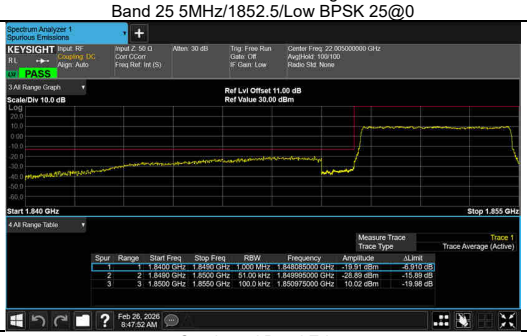
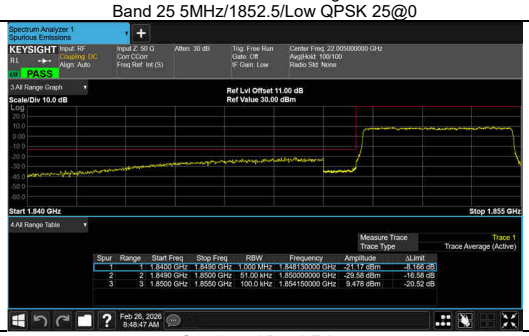
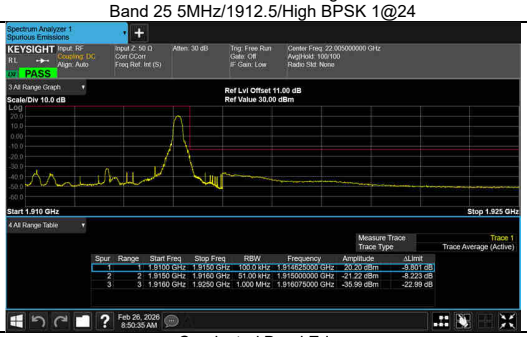
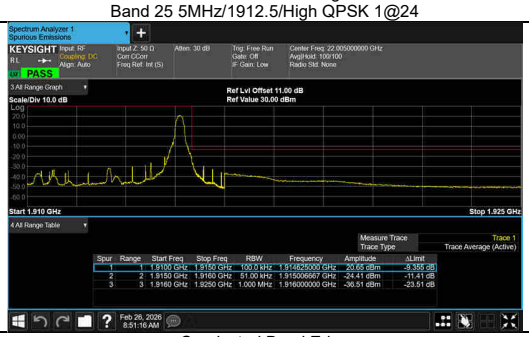
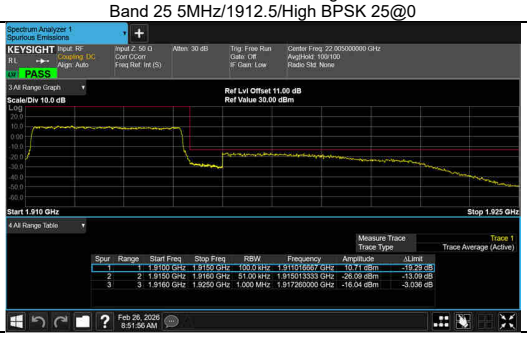
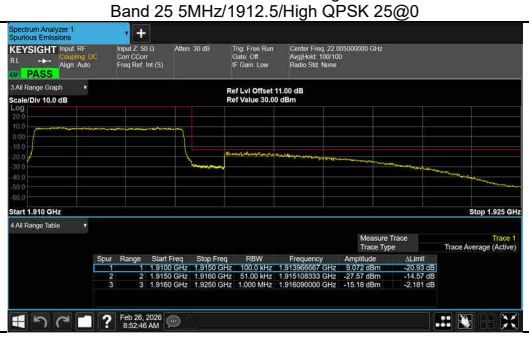
30.0MHz-19500.0MHz Band 25 20MHz/1882.5/Mid BPSK 1@0	30.0MHz-19500.0MHz Band 25 20MHz/1882.5/Mid QPSK 1@0
	
30.0MHz-19500.0MHz Band 25 20MHz/1905.0/High BPSK 1@0	30.0MHz-19500.0MHz Band 25 20MHz/1905.0/High QPSK 1@0
	
30.0MHz-19500.0MHz Band 25 40MHz/1870.0/Low BPSK 1@0	30.0MHz-19500.0MHz Band 25 40MHz/1870.0/Low QPSK 1@0
	
30.0MHz-19500.0MHz Band 25 40MHz/1882.5/Mid BPSK 1@0	30.0MHz-19500.0MHz Band 25 40MHz/1882.5/Mid QPSK 1@0
	
30.0MHz-19500.0MHz Band 25 40MHz/1895.0/High BPSK 1@0	30.0MHz-19500.0MHz Band 25 40MHz/1895.0/High QPSK 1@0
	

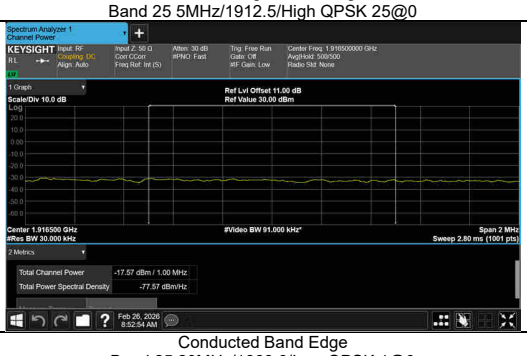
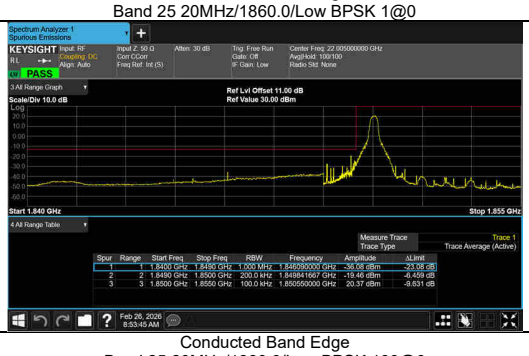
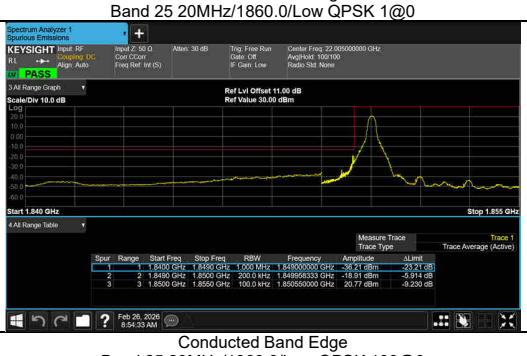
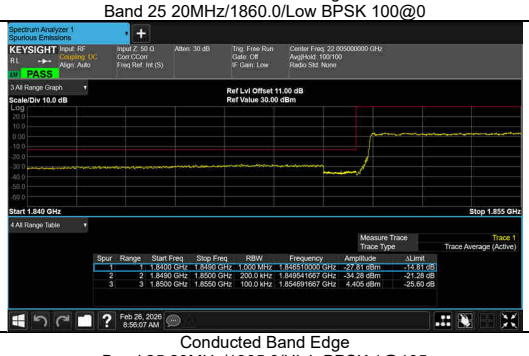
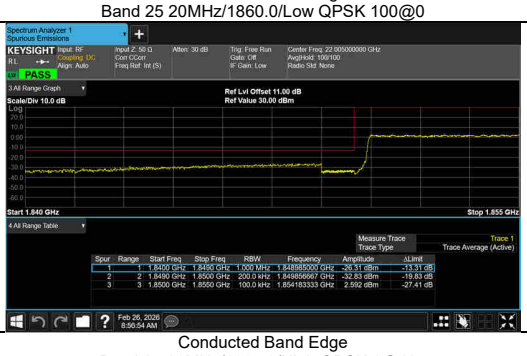
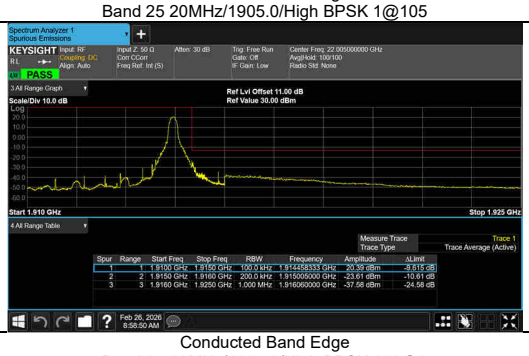
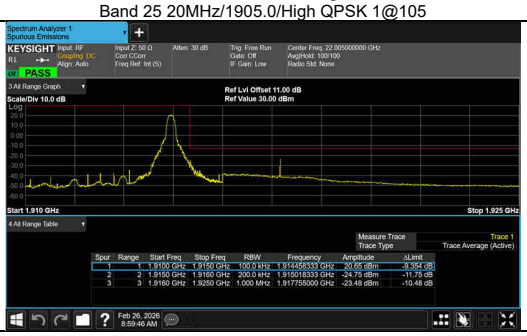
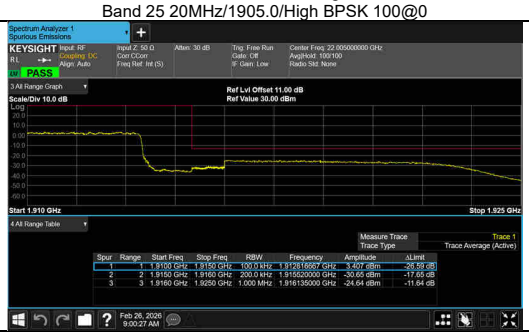
Conducted Band Edge

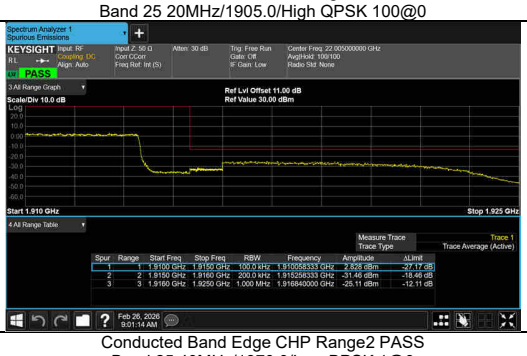
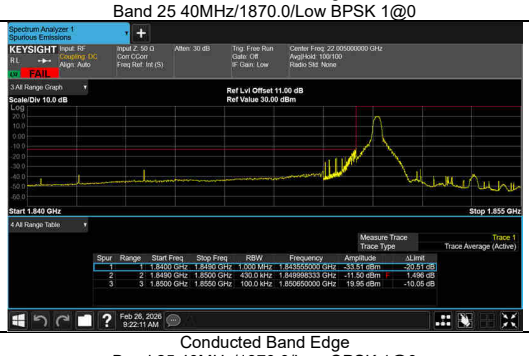
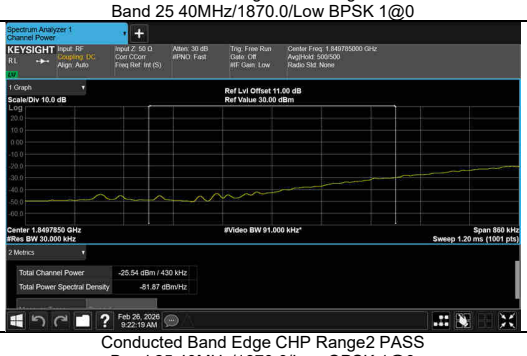
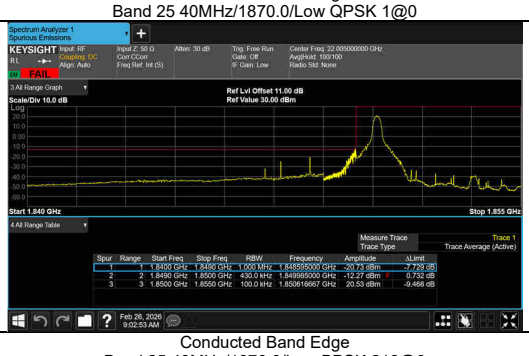
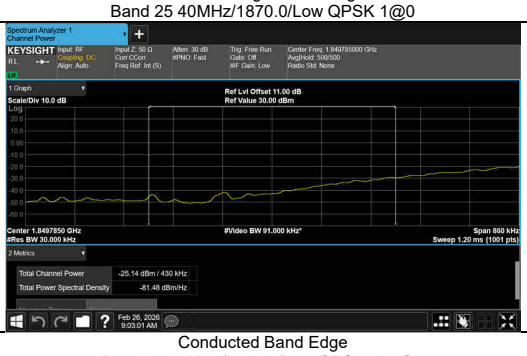
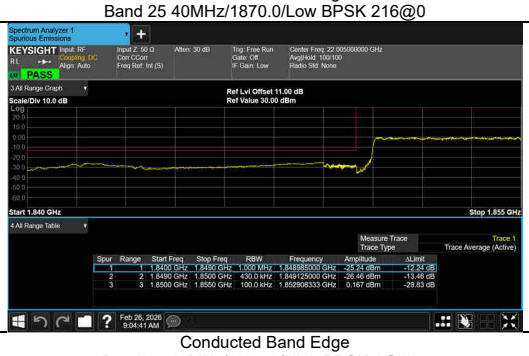
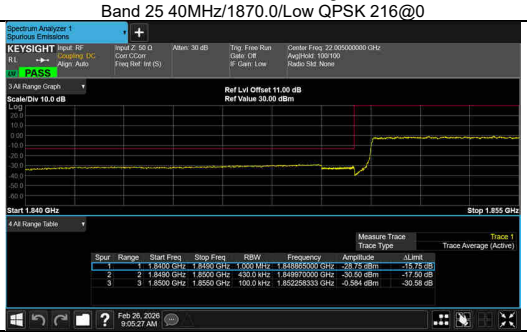
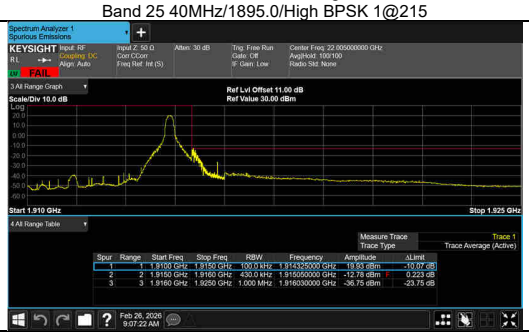
Test Result

NR Band	SCS	BandWidth	Arfcn	Freq(MHz)	Modulation	RB	Result	Verdict
25	15	5	370500	1852.5	DFT-s-OFDM BPSK	1@0	See graph	PASS
25	15	5	370500	1852.5	DFT-s-OFDM QPSK	1@0	See graph	PASS
25	15	5	370500	1852.5	DFT-s-OFDM BPSK	25@0	See graph	PASS
25	15	5	370500	1852.5	DFT-s-OFDM QPSK	25@0	See graph	PASS
25	15	5	382500	1912.5	DFT-s-OFDM BPSK	1@24	See graph	PASS
25	15	5	382500	1912.5	DFT-s-OFDM QPSK	1@24	See graph	PASS
25	15	5	382500	1912.5	DFT-s-OFDM BPSK	25@0	See graph	PASS
25	15	5	382500	1912.5	DFT-s-OFDM QPSK	25@0	See graph	PASS
25	15	20	372000	1860.0	DFT-s-OFDM BPSK	1@0	See graph	PASS
25	15	20	372000	1860.0	DFT-s-OFDM QPSK	1@0	See graph	PASS
25	15	20	372000	1860.0	DFT-s-OFDM BPSK	100@0	See graph	PASS
25	15	20	372000	1860.0	DFT-s-OFDM QPSK	100@0	See graph	PASS
25	15	20	381000	1905.0	DFT-s-OFDM BPSK	1@105	See graph	PASS
25	15	20	381000	1905.0	DFT-s-OFDM QPSK	1@105	See graph	PASS
25	15	20	381000	1905.0	DFT-s-OFDM BPSK	100@0	See graph	PASS
25	15	20	381000	1905.0	DFT-s-OFDM QPSK	100@0	See graph	PASS
25	15	40	374000	1870.0	DFT-s-OFDM BPSK	1@0	See graph	PASS
25	15	40	374000	1870.0	DFT-s-OFDM QPSK	1@0	See graph	PASS
25	15	40	374000	1870.0	DFT-s-OFDM BPSK	216@0	See graph	PASS
25	15	40	374000	1870.0	DFT-s-OFDM QPSK	216@0	See graph	PASS
25	15	40	379000	1895.0	DFT-s-OFDM BPSK	1@215	See graph	PASS
25	15	40	379000	1895.0	DFT-s-OFDM QPSK	1@215	See graph	PASS
25	15	40	379000	1895.0	DFT-s-OFDM BPSK	216@0	See graph	PASS
25	15	40	379000	1895.0	DFT-s-OFDM QPSK	216@0	See graph	PASS

Test Graphs

Conducted Band Edge Band 25 5MHz/1852.5/Low BPSK 1@0	Conducted Band Edge Band 25 5MHz/1852.5/Low QPSK 1@0
	
Conducted Band Edge Band 25 5MHz/1852.5/Low BPSK 25@0	Conducted Band Edge Band 25 5MHz/1852.5/Low QPSK 25@0
	
Conducted Band Edge Band 25 5MHz/1912.5/High BPSK 1@24	Conducted Band Edge Band 25 5MHz/1912.5/High QPSK 1@24
	
Conducted Band Edge Band 25 5MHz/1912.5/High BPSK 25@0	Conducted Band Edge Band 25 5MHz/1912.5/High QPSK 25@0
	

Conducted Band Edge CHP Range3 PASS Band 25 5MHz/1912.5/High QPSK 25@0	Conducted Band Edge Band 25 20MHz/1860.0/Low BPSK 1@0
	
Conducted Band Edge Band 25 20MHz/1860.0/Low QPSK 1@0	Conducted Band Edge Band 25 20MHz/1860.0/Low BPSK 100@0
	
Conducted Band Edge Band 25 20MHz/1860.0/Low QPSK 100@0	Conducted Band Edge Band 25 20MHz/1905.0/High BPSK 1@105
	
Conducted Band Edge Band 25 20MHz/1905.0/High QPSK 1@105	Conducted Band Edge Band 25 20MHz/1905.0/High BPSK 100@0
	

Conducted Band Edge Band 25 20MHz/1905.0/High QPSK 100@0	Conducted Band Edge Band 25 40MHz/1870.0/Low BPSK 1@0
	
Conducted Band Edge CHP Range2 PASS Band 25 40MHz/1870.0/Low BPSK 1@0	Conducted Band Edge Band 25 40MHz/1870.0/Low QPSK 1@0
	
Conducted Band Edge CHP Range2 PASS Band 25 40MHz/1870.0/Low QPSK 1@0	Conducted Band Edge Band 25 40MHz/1870.0/Low BPSK 216@0
	
Conducted Band Edge Band 25 40MHz/1870.0/Low QPSK 216@0	Conducted Band Edge Band 25 40MHz/1895.0/High BPSK 1@215