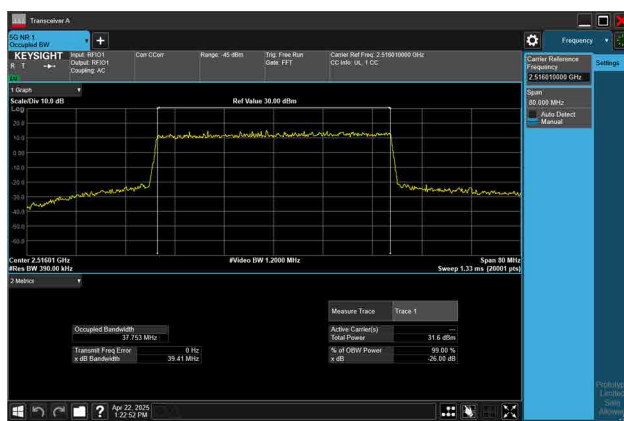
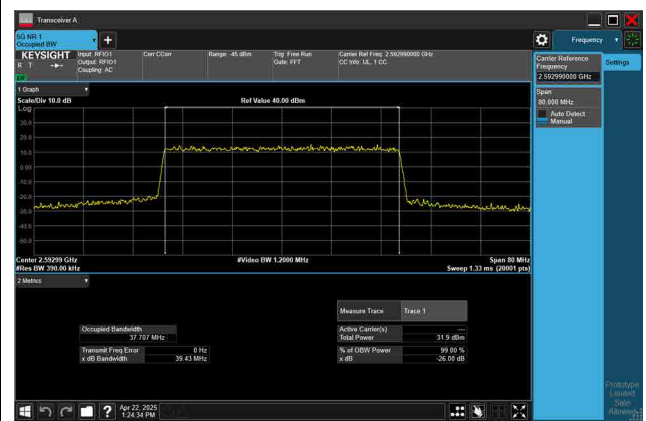


99% Bandwidth – 40MHz – QPSK Full RB

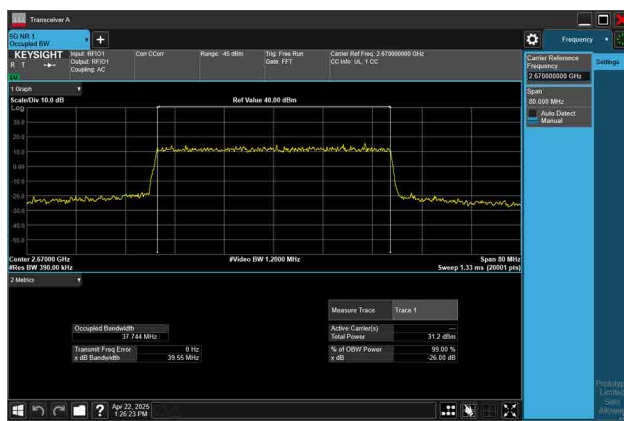
Low Channel



Middle Channel



High Channel

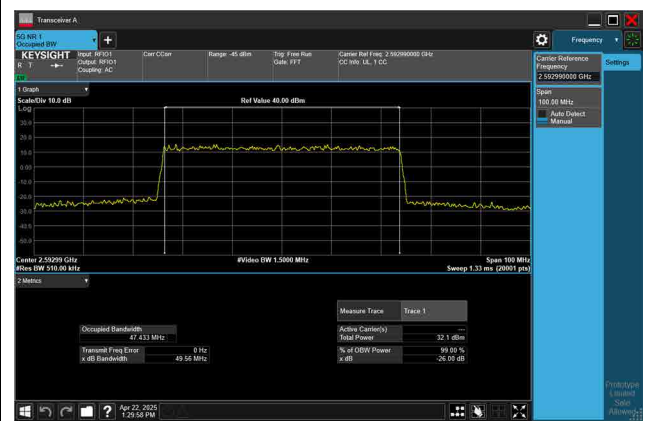


99% Bandwidth – 50MHz – QPSK Full RB

Low Channel



Middle Channel



High Channel

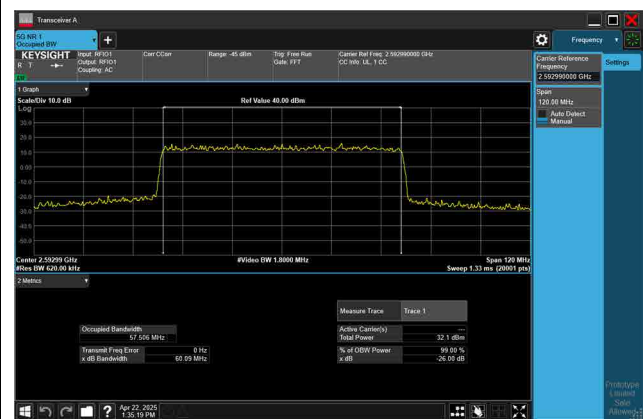


99% Bandwidth – 60MHz – QPSK Full RB

Low Channel



Middle Channel



High Channel



99% Bandwidth – 80MHz – QPSK Full RB

Low Channel



Middle Channel



High Channel



99% Bandwidth – 90MHz – QPSK Full RB

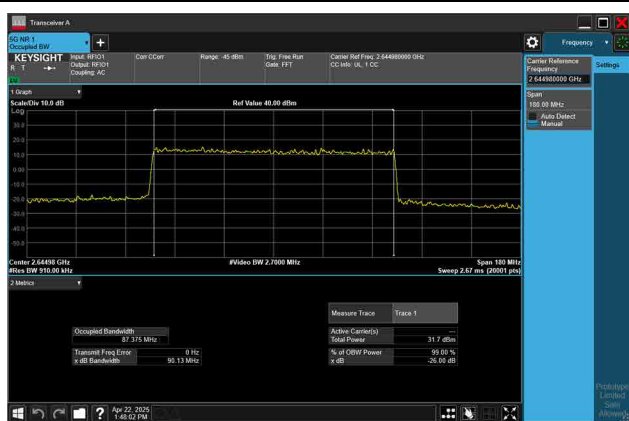
Low Channel



Middle Channel



High Channel



Middle Channel



Transceiver A

40 NR 1
Occupied BW

KEYSIGHT
R T

Inst: BHD1
Dev: FPD01
Coating: AC

Can C10r

Range: 45 dBm

Trig: Free Run
Gate: 1 FT

Carrier Ref Freq: 2.64000000 GHz
CC Int: 5K, 1 CC

Carrier Balance
Frequency
2.64000000 GHz

Span
200.00 MHz
Auto Detect
Manual

Scale/Div: 10.0 dB

Ref Value 49.00 dBm

Power (dBm)

Frequency (MHz)

Center 2.640 GHz
Span 200 MHz
Sweep 2.52 ms (2000) pps

Video BW 3.0000 MHz

Occupied Bandwidth

97.121 MHz

Transmit Freq Center 6 MHz
x dB Bandwidth 100.3 MHz

Measure Trace Trace 1

Active Carrier(s) 32.2 dBm

Total Power 35.2 dBm

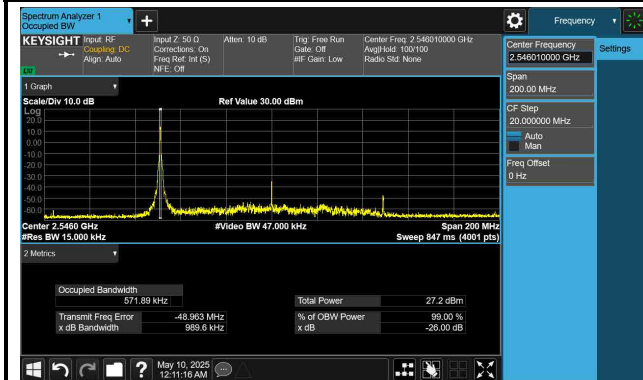
% of Offset Power 99.00 %
x dB -26.00 dB

Apr 22, 2025
1:13:30 PM

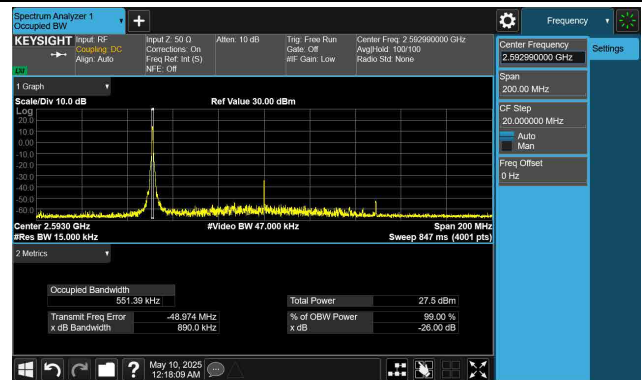
Performance Limited
See Allowance

99% Bandwidth – 100MHz – QPSK 1 RB

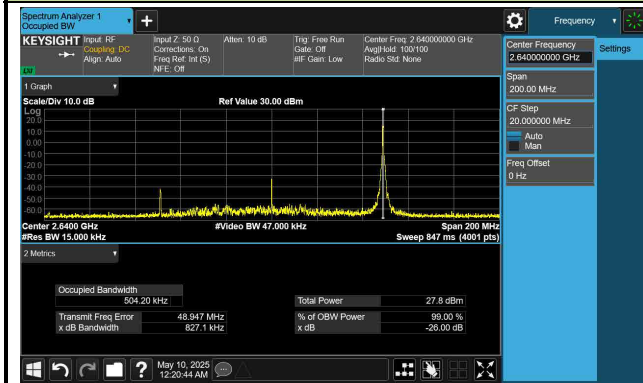
Low Channel



Middle Channel

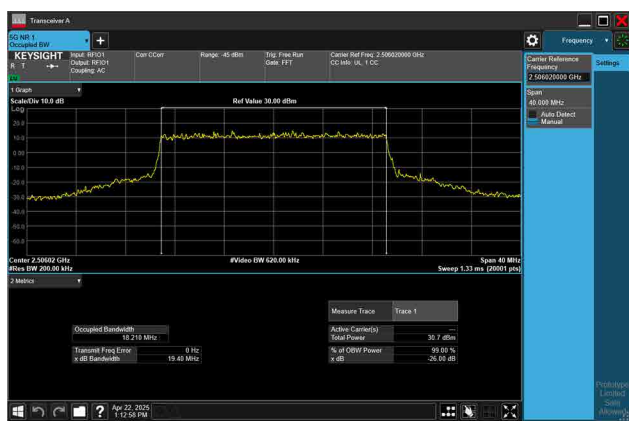


High Channel

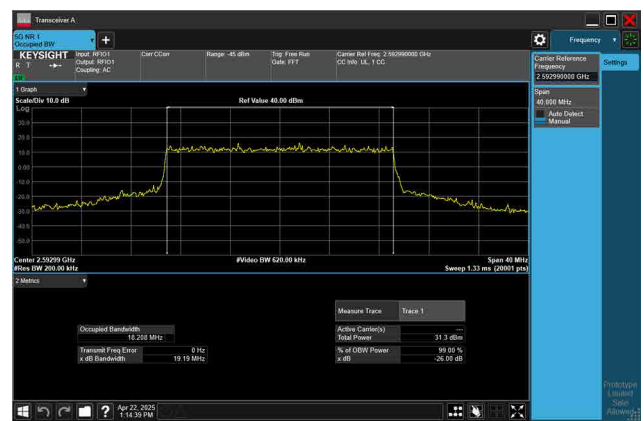


99% Bandwidth – 20MHz – 16QAM Full RB

Low Channel



Middle Channel



High Channel



99% Bandwidth – 30MHz – 16QAM Full RB

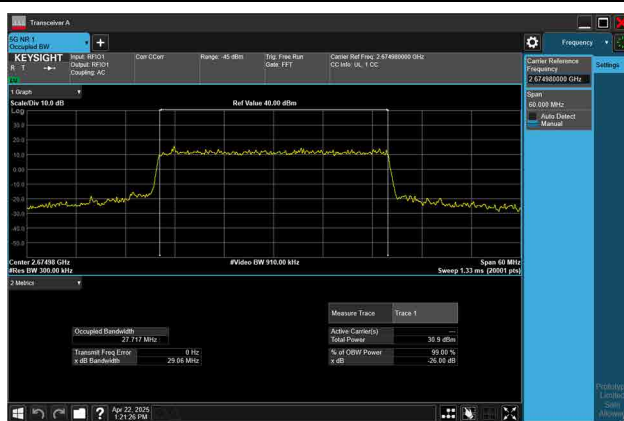
Low Channel



Middle Channel



High Channel



99% Bandwidth – 40MHz – 16QAM Full RB

Low Channel



Middle Channel



High Channel

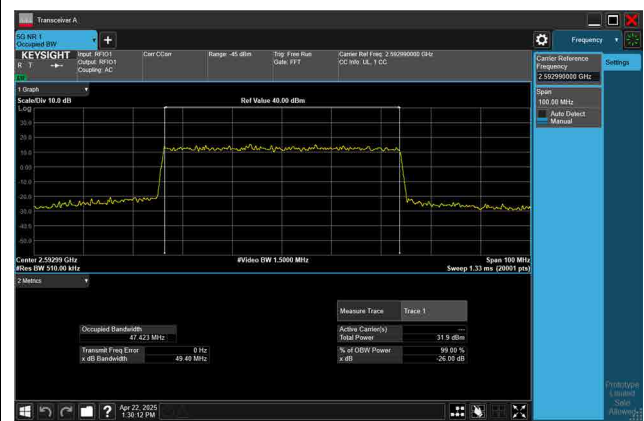


99% Bandwidth – 50MHz – 16QAM Full RB

Low Channel



Middle Channel



High Channel



99% Bandwidth – 60MHz – 16QAM Full RB

Low Channel



Middle Channel

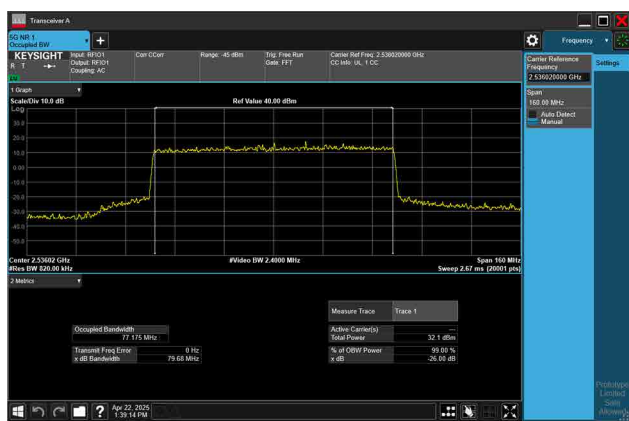


High Channel

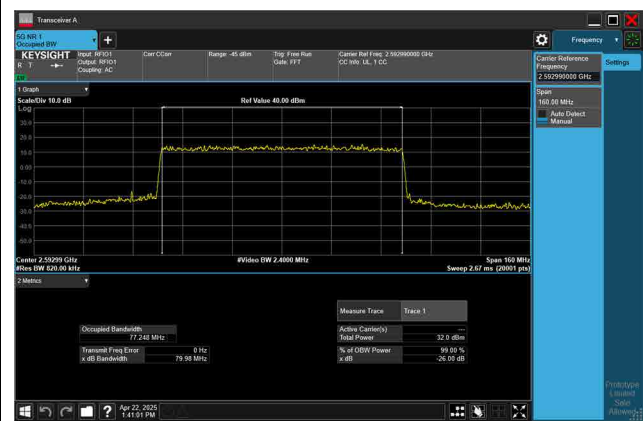


99% Bandwidth – 80MHz – 16QAM Full RB

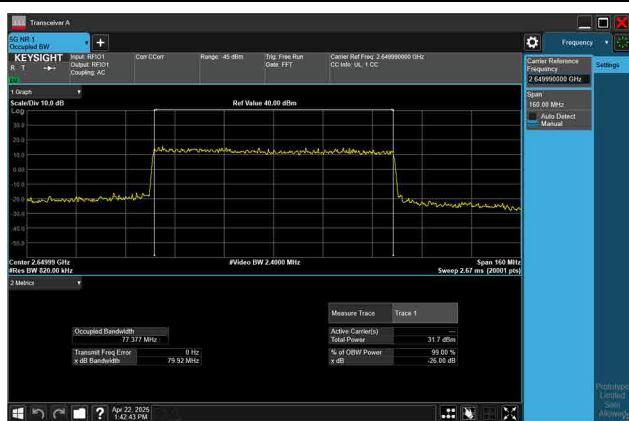
Low Channel



Middle Channel



High Channel



99% Bandwidth – 90MHz – 16QAM Full RB

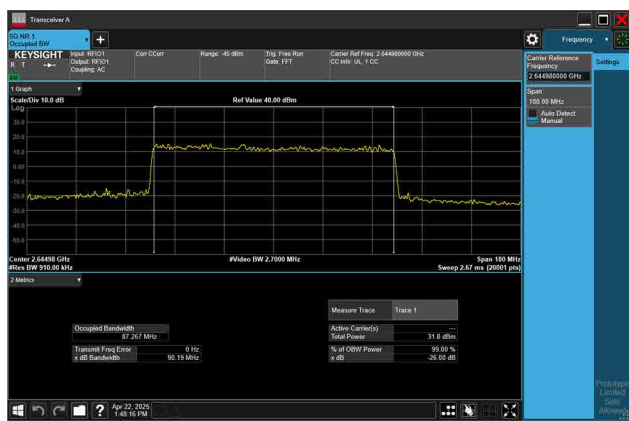
Low Channel



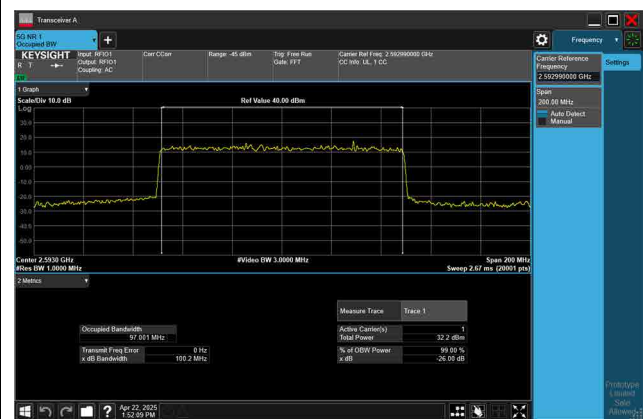
Middle Channel



High Channel



Middle Channel



Transceiver A

40 NR 1
Occupied BW

KEYSIGHT

R T →

Insp. REF01
Down FREQ
Coasting AC

Can Clear

Range: 45 dBm

Trig Mode Run

Data FFT

Carrier Ref Freq: 2.64000000 GHz
CC Mhz: 5K, 1 CC

Frequency

Center Bandwidth Frequency
2.64000000 GHz

Settings

Sweep
200.00 MHz
Auto Detect
Manual

Scale/Ctrl: 10.0 dBm

Ref Value: 40.00 dBm

Video BW 1.0000 MHz

Span 200 MHz
Sweep 2.57 ms (2000) pins

Occupied Bandwidth:	Measure Trace	Trace 1
97.148 MHz	Active Carrier(s)	31.5 dBm
Transmit Freq Lower	% of Offset Power	-99.00 %
x dB Bandwidth	x dB	-26.00 dB

Apr 22, 2025
1:15:50 PM

99% Bandwidth – 20MHz – 64QAM Full RB

Low Channel



Middle Channel



High Channel



99% Bandwidth – 30MHz – 64QAM Full RB

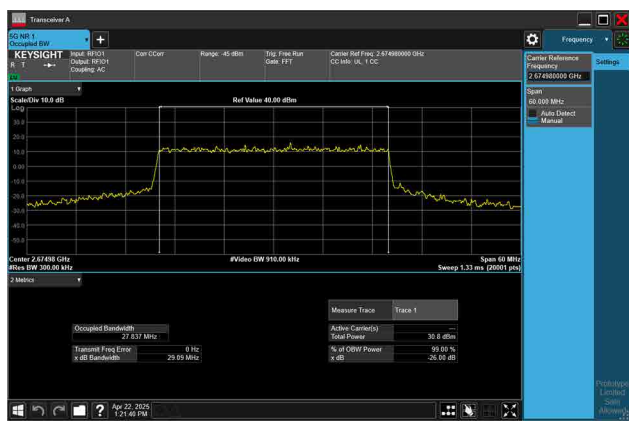
Low Channel



Middle Channel

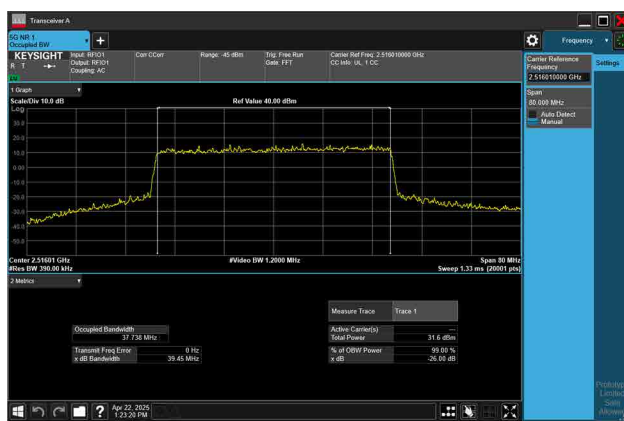


High Channel

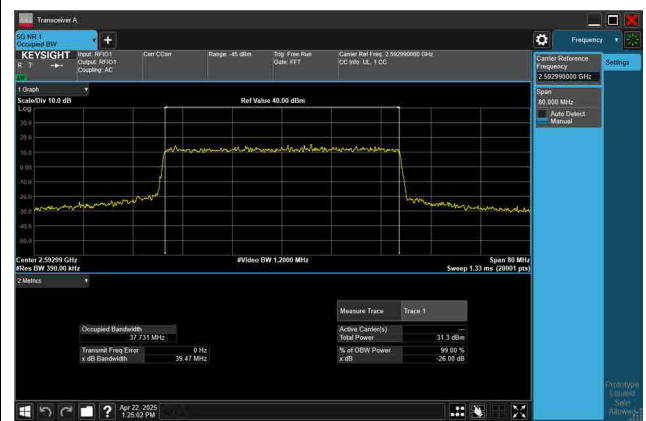


99% Bandwidth – 40MHz – 64QAM Full RB

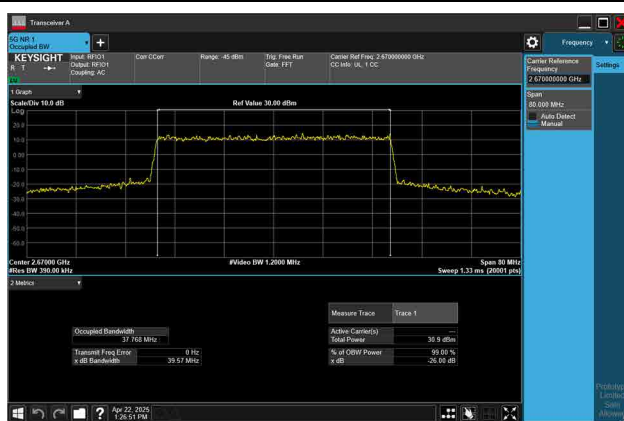
Low Channel



Middle Channel



High Channel

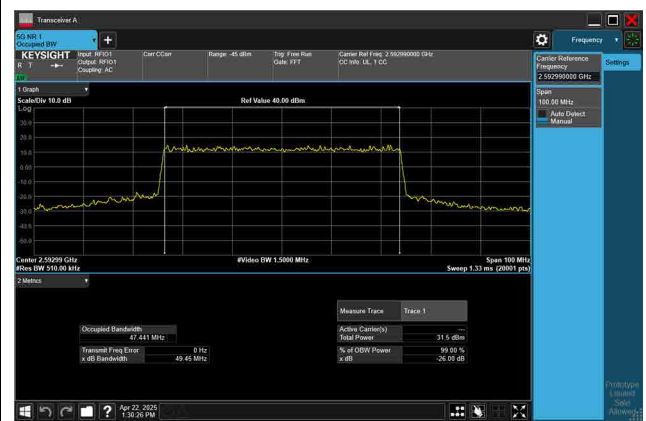


99% Bandwidth – 50MHz – 64QAM Full RB

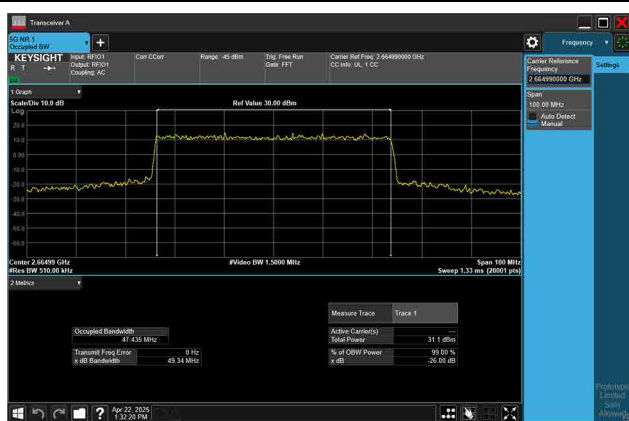
Low Channel



Middle Channel



High Channel

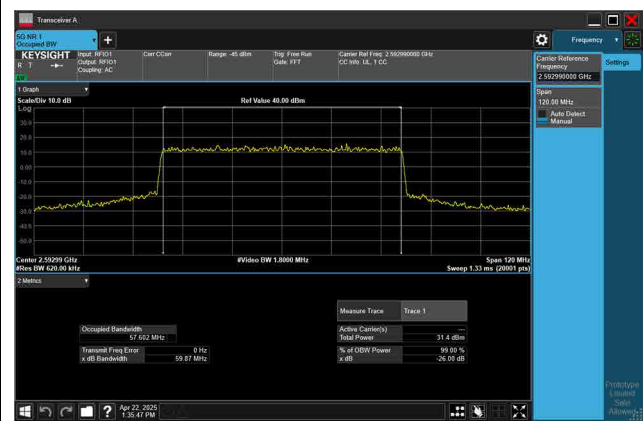


99% Bandwidth – 60MHz – 64QAM Full RB

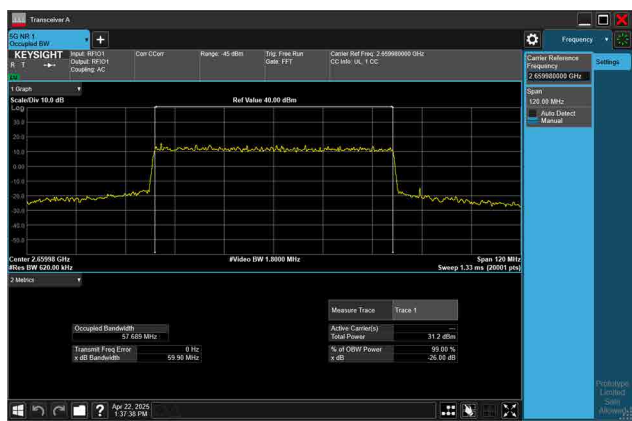
Low Channel



Middle Channel

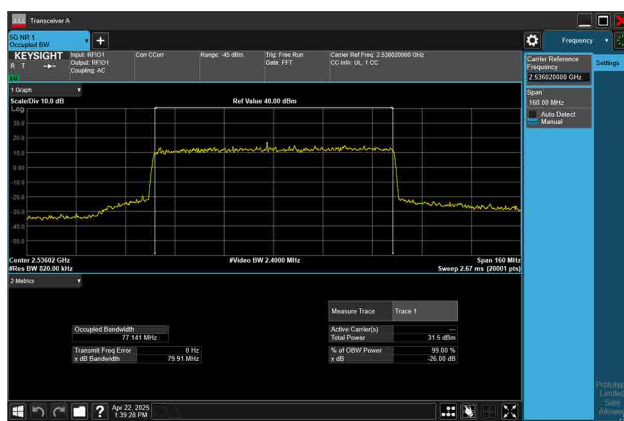


High Channel

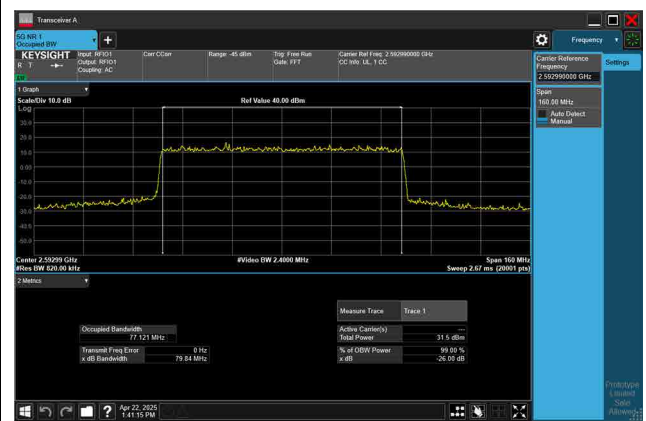


99% Bandwidth – 80MHz – 64QAM Full RB

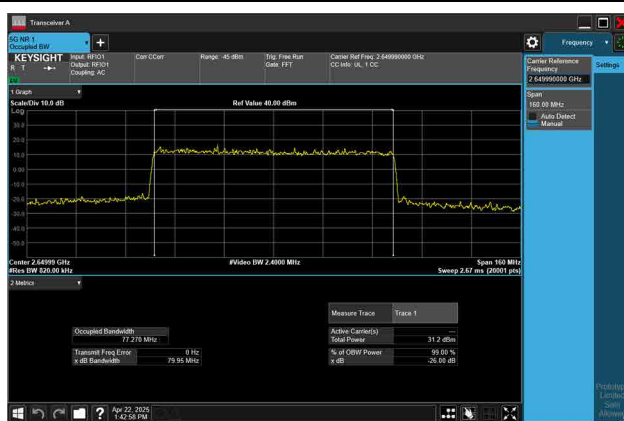
Low Channel



Middle Channel



High Channel



99% Bandwidth – 90MHz – 64QAM Full RB

Low Channel



Middle Channel



High Channel

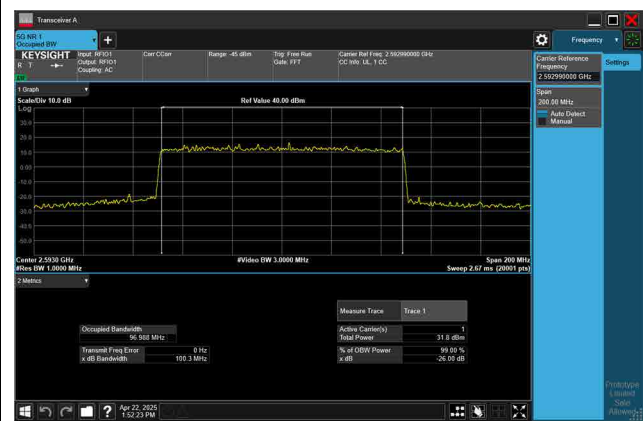


99% Bandwidth – 100MHz – 64QAM Full RB

Low Channel



Middle Channel



High Channel



99% Bandwidth – 20MHz – 256QAM Full RB

Low Channel



Middle Channel



High Channel



99% Bandwidth – 30MHz – 256QAM Full RB

Low Channel



Middle Channel



High Channel



99% Bandwidth – 40MHz – 256QAM Full RB

Low Channel



Middle Channel



High Channel



99% Bandwidth – 50MHz – 256QAM Full RB

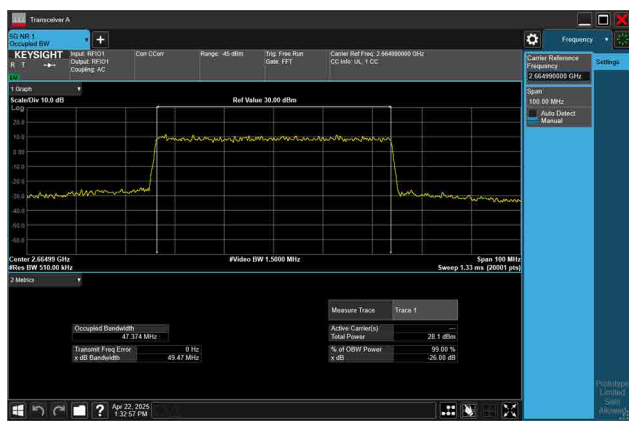
Low Channel



Middle Channel



High Channel



99% Bandwidth – 60MHz – 256QAM Full RB

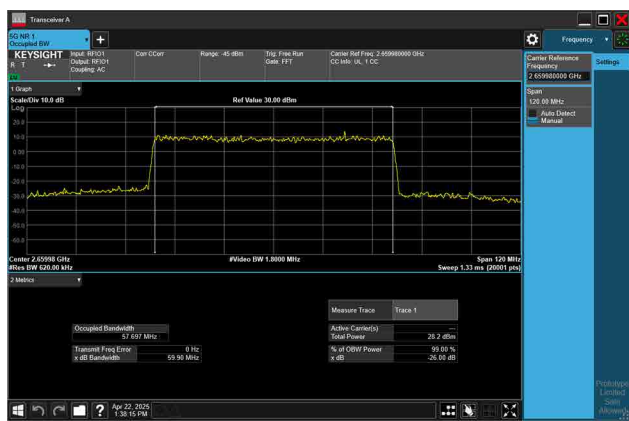
Low Channel



Middle Channel



High Channel



99% Bandwidth – 80MHz – 256QAM Full RB

Low Channel



Middle Channel



High Channel



99% Bandwidth – 90MHz – 256QAM Full RB

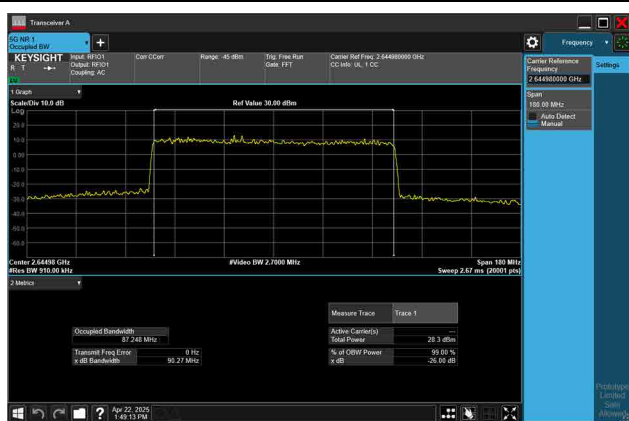
Low Channel



Middle Channel



High Channel



99% Bandwidth – 100MHz – 256QAM Full RB

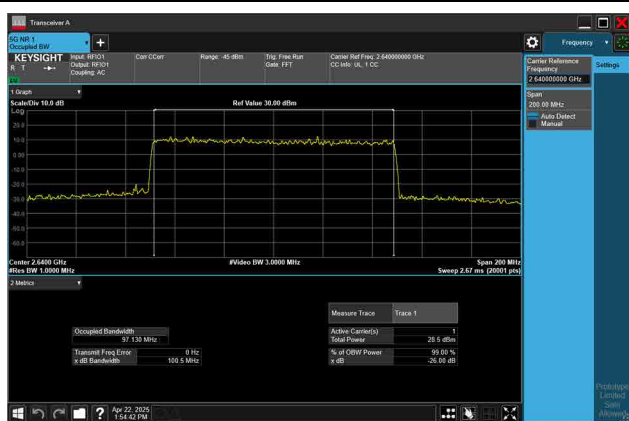
Low Channel



Middle Channel



High Channel



Test Site	WJ-SR11 & SIP-SR1	Test Engineer	Lucas Wang & Yoniter Yang
Test Date	2025-05-07 ~ 2025-05-10	Test Band	n77/78 - PC2 (3450 ~ 3550)

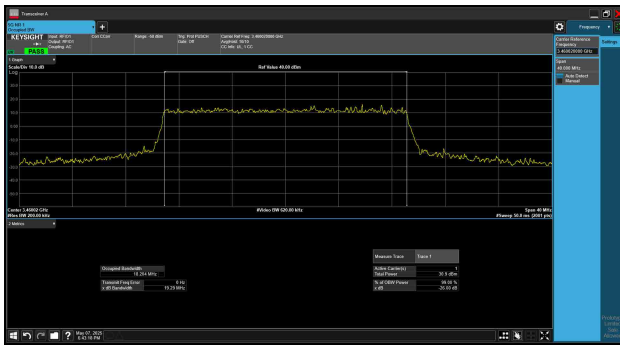
Bandwidth (MHz)	RB Size	RB Offset	Frequency (MHz)	99% Bandwidth (MHz)
QPSK				
20	Full RB	0	3460.02	18.204
	Full RB	0	3500.01	18.170
	Full RB	0	3540	18.205
30	Full RB	0	3465	27.799
	Full RB	0	3500.01	27.857
	Full RB	0	3534.99	27.865
40	Full RB	0	3470.01	37.775
	Full RB	0	3500.01	37.768
	Full RB	0	3529.98	37.768
50	Full RB	0	3475.02	47.433
	Full RB	0	3500.01	47.328
	Full RB	0	3525	47.405
60	Full RB	0	3480	57.861
	Full RB	0	3500.01	57.724
	Full RB	0	3519.99	57.724
70	Full RB	0	3485.01	67.407
	Full RB	0	3500.01	67.222
	Full RB	0	3514.98	67.488
80	Full RB	0	3490.02	77.196
	Full RB	0	3500.01	77.183
	Full RB	0	3510	77.306
90	Full RB	0	3495	86.984
	Full RB	0	3500.01	87.011
	Full RB	0	3504.99	86.983
100	Full RB	0	3500.01	97.460
100	1 RB	0	3500.01	0.66624
16QAM				
20	Full RB	0	3460.02	18.247
	Full RB	0	3500.01	18.163
	Full RB	0	3540	18.132

30	Full RB	0	3465	27.866
	Full RB	0	3500.01	27.848
	Full RB	0	3534.99	27.851
40	Full RB	0	3470.01	37.780
	Full RB	0	3500.01	37.772
	Full RB	0	3529.98	37.769
50	Full RB	0	3475.02	47.339
	Full RB	0	3500.01	47.334
	Full RB	0	3525	47.332
60	Full RB	0	3480	57.628
	Full RB	0	3500.01	57.610
	Full RB	0	3519.99	57.656
70	Full RB	0	3485.01	67.515
	Full RB	0	3500.01	67.358
	Full RB	0	3514.98	67.269
80	Full RB	0	3490.02	77.155
	Full RB	0	3500.01	77.124
	Full RB	0	3510	77.512
90	Full RB	0	3495	87.372
	Full RB	0	3500.01	87.024
	Full RB	0	3504.99	86.989
100	Full RB	0	3500.01	97.244
64QAM				
20	Full RB	0	3460.02	18.180
	Full RB	0	3500.01	18.168
	Full RB	0	3540	18.168
30	Full RB	0	3465	27.800
	Full RB	0	3500.01	27.810
	Full RB	0	3534.99	27.809
40	Full RB	0	3470.01	37.792
	Full RB	0	3500.01	37.762
	Full RB	0	3529.98	37.767
50	Full RB	0	3475.02	47.400
	Full RB	0	3500.01	47.348
	Full RB	0	3525	47.404
60	Full RB	0	3480	57.646
	Full RB	0	3500.01	57.601

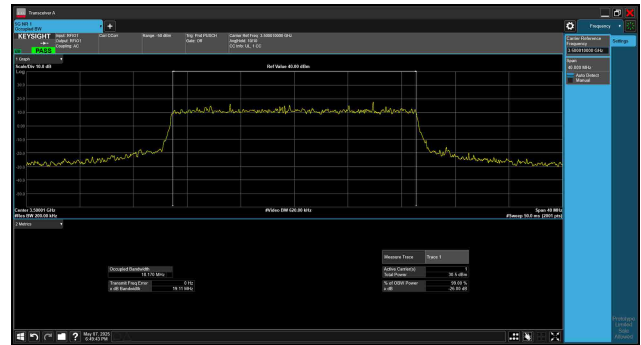
	Full RB	0	3519.99	57.776
70	Full RB	0	3485.01	67.394
	Full RB	0	3500.01	67.259
	Full RB	0	3514.98	67.269
	Full RB	0	3490.02	77.170
80	Full RB	0	3500.01	77.178
	Full RB	0	3510	77.160
	Full RB	0	3495	87.015
90	Full RB	0	3500.01	87.132
	Full RB	0	3504.99	87.308
	Full RB	0	3500.01	97.011
256QAM				
20	Full RB	0	3460.02	18.212
	Full RB	0	3500.01	18.216
	Full RB	0	3540	18.211
30	Full RB	0	3465	27.867
	Full RB	0	3500.01	27.861
	Full RB	0	3534.99	27.864
40	Full RB	0	3470.01	37.771
	Full RB	0	3500.01	37.708
	Full RB	0	3529.98	37.714
50	Full RB	0	3475.02	47.431
	Full RB	0	3500.01	47.334
	Full RB	0	3525	47.517
60	Full RB	0	3480	57.617
	Full RB	0	3500.01	57.730
	Full RB	0	3519.99	57.777
70	Full RB	0	3485.01	67.262
	Full RB	0	3500.01	67.380
	Full RB	0	3514.98	67.240
80	Full RB	0	3490.02	77.294
	Full RB	0	3500.01	77.324
	Full RB	0	3510	77.299
90	Full RB	0	3495	87.201
	Full RB	0	3500.01	87.318
	Full RB	0	3504.99	87.208
100	Full RB	0	3500.01	97.216

99% Bandwidth – 20MHz – QPSK Full RB

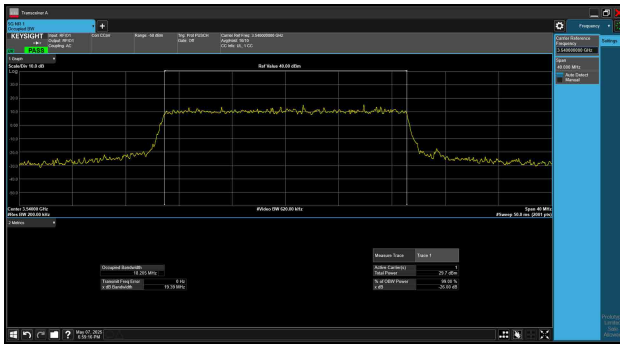
Low Channel



Middle Channel

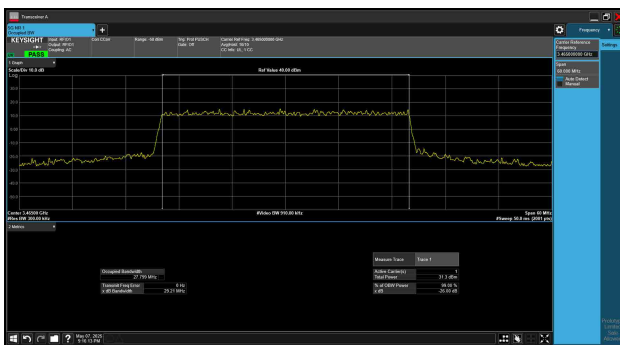


High Channel

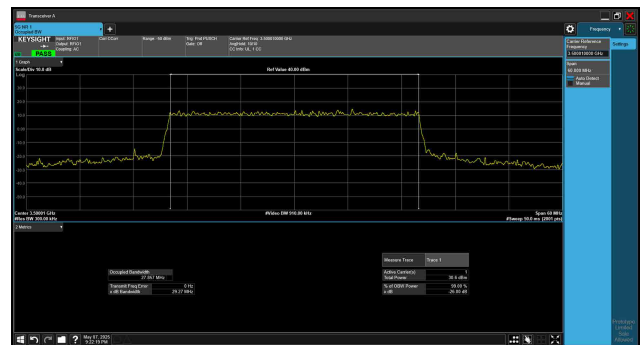


99% Bandwidth – 30MHz – QPSK Full RB

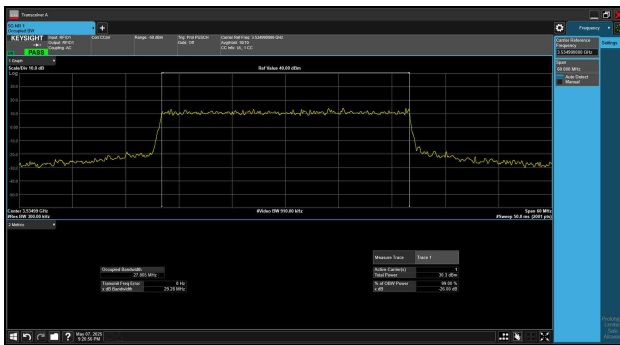
Low Channel



Middle Channel

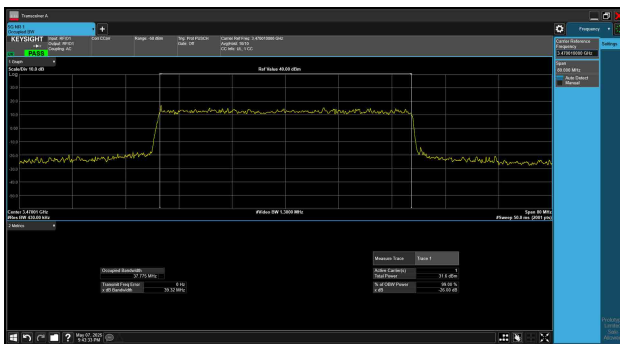


High Channel

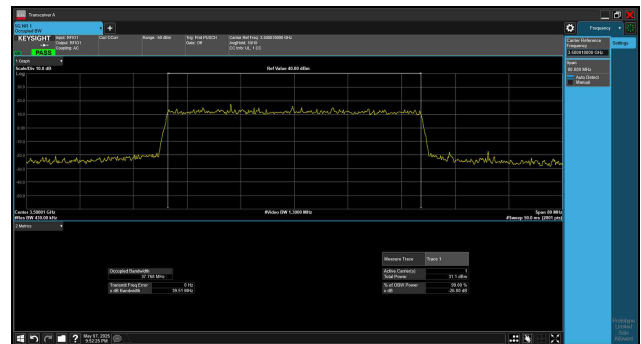


99% Bandwidth – 40MHz – QPSK Full RB

Low Channel



Middle Channel

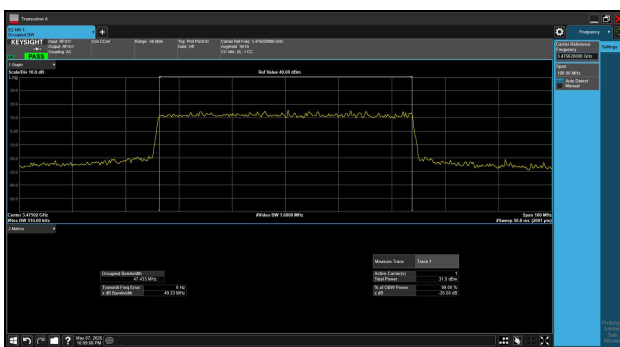


High Channel

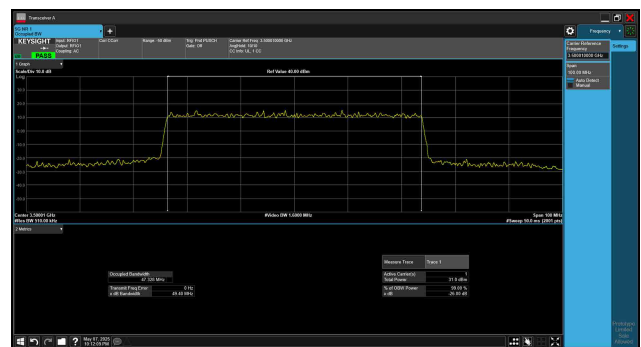


99% Bandwidth – 50MHz – QPSK Full RB

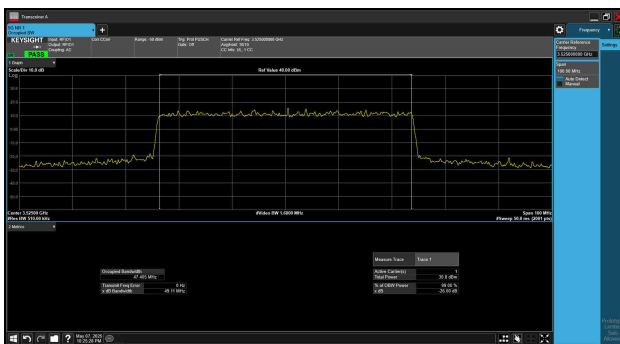
Low Channel



Middle Channel

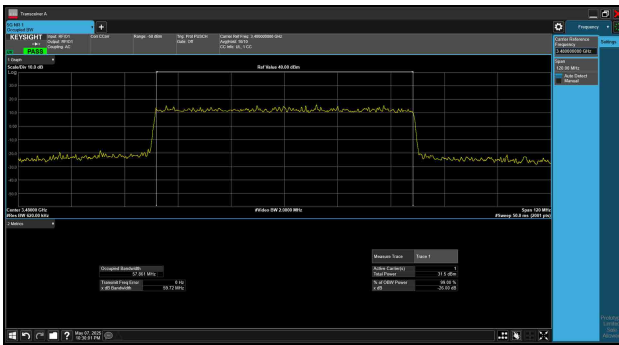


High Channel

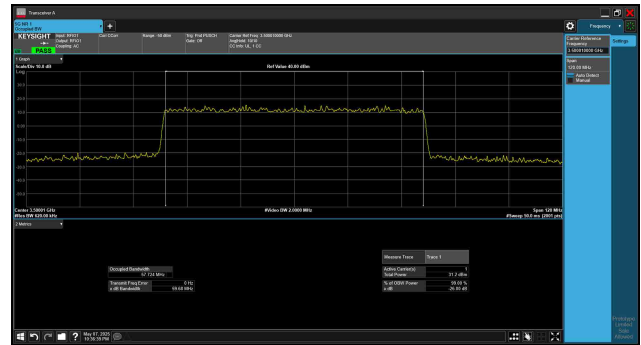


99% Bandwidth – 60MHz – QPSK Full RB

Low Channel



Middle Channel

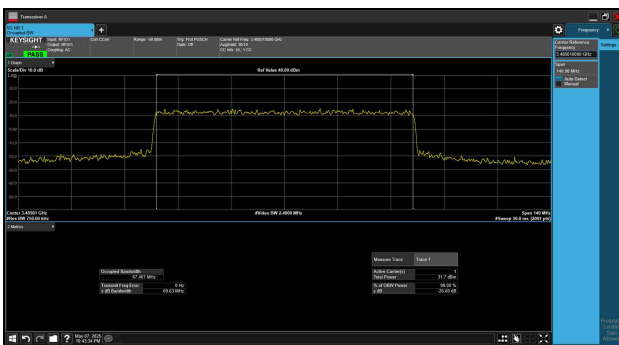


High Channel

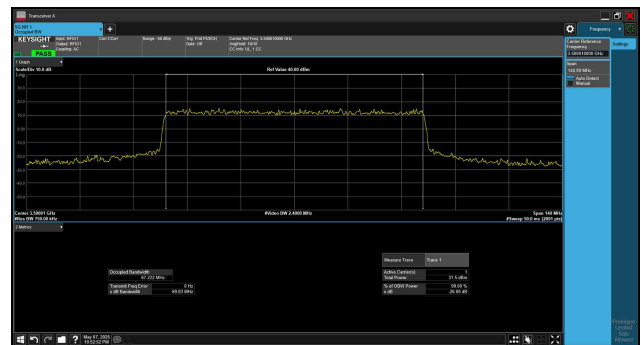


99% Bandwidth – 70MHz – QPSK Full RB

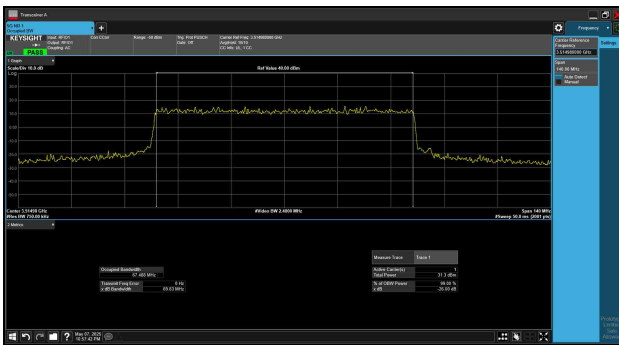
Low Channel



Middle Channel

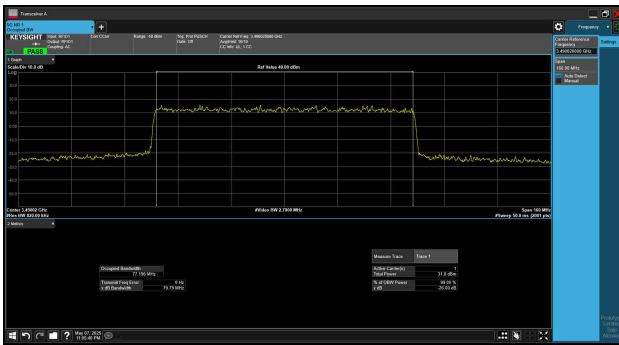


High Channel

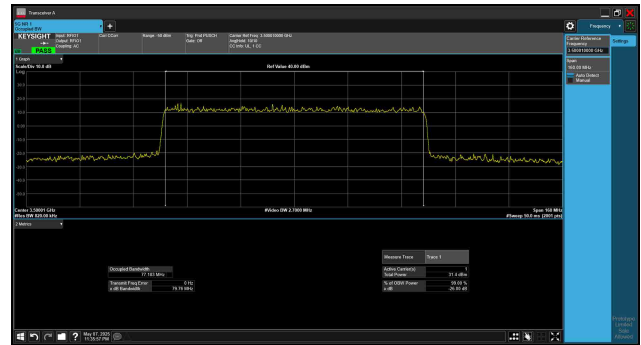


99% Bandwidth – 80MHz – QPSK Full RB

Low Channel



Middle Channel

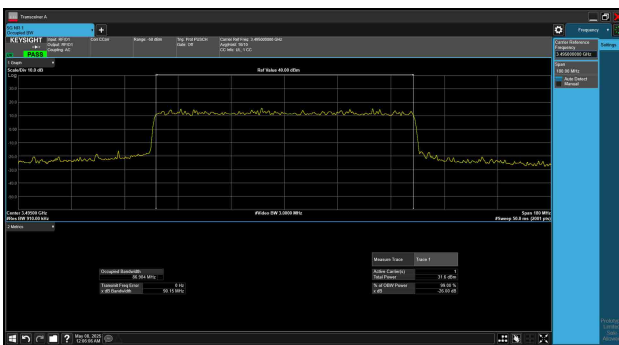


High Channel

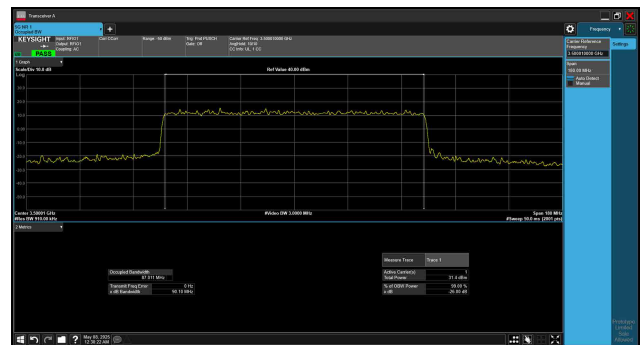


99% Bandwidth – 90MHz – QPSK Full RB

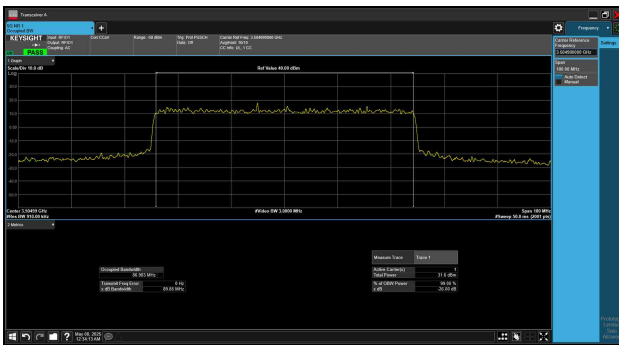
Low Channel



Middle Channel

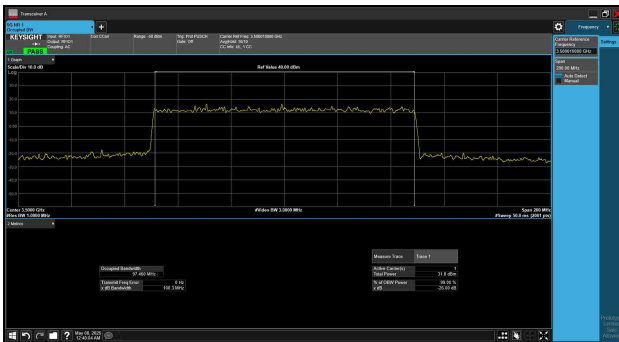


High Channel



99% Bandwidth – 100MHz – QPSK Full RB

Middle Channel



99% Bandwidth – 100MHz – QPSK 1 RB

Middle Channel

