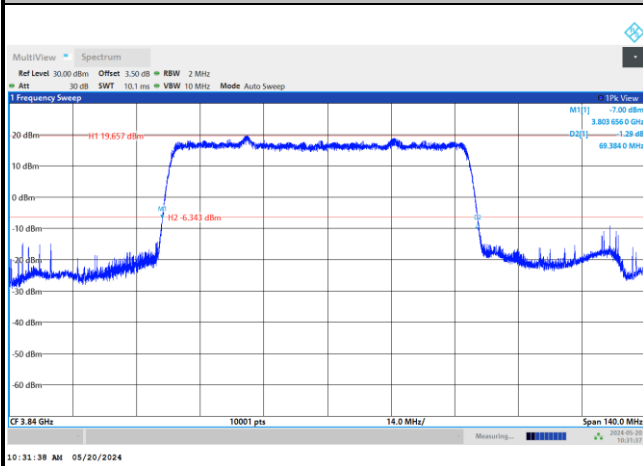




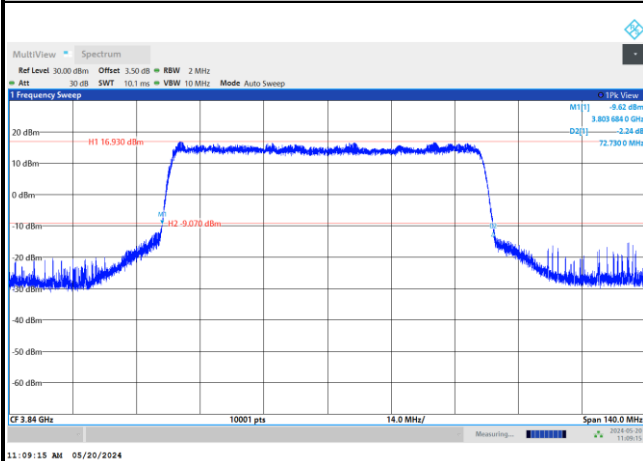
FR1 n77 (PC1.5) / 70MHz / DFT-S OFDM / Middle Channel / Full RB

PI/2 BPSK

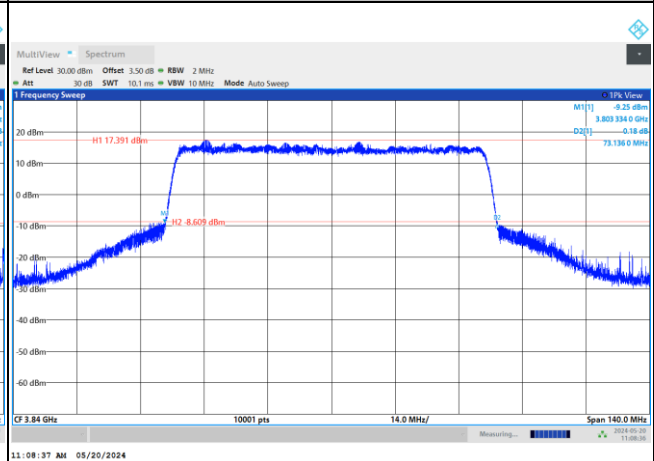


FR1 n77 (PC1.5) / 70MHz / CP OFDM / Middle Channel / Full RB

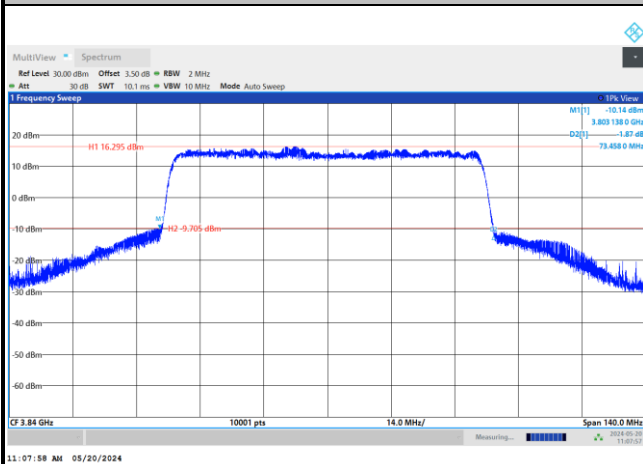
QPSK



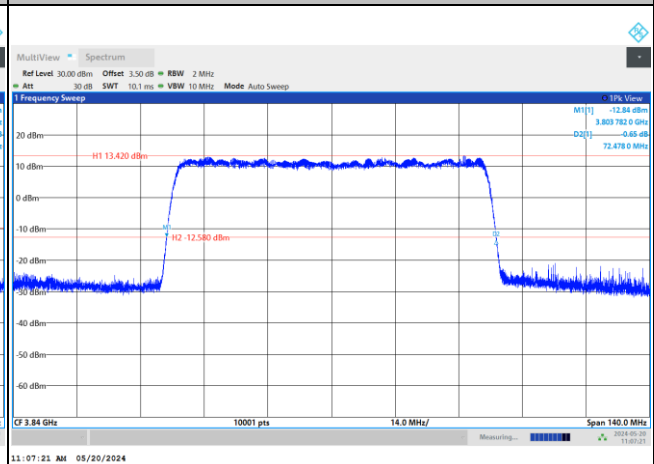
16QAM



64QAM



256QAM





MultiView Spectrum

Ref Level 30.00 dBm Offset 3.50 dB RBW 1 MHz

Att 30 dB SWT 10.1 ms VBW 3 kHz Mode Auto Sweep

1 Frequency Sweep

16 View

20 dBm

10 dBm

0 dBm

-10 dBm

-20 dBm

-30 dBm

-40 dBm

-50 dBm

-60 dBm

CF 3.84 GHz

10001 pts

16.0 MHz

Span 160.0 MHz

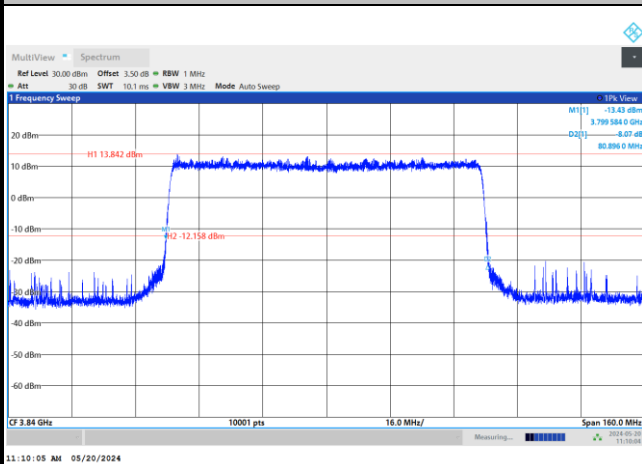
Measuring

2024-05-20 10:30:41

H1 16.129 dBm
 H2 -9.871 dBm
 L1

M1 12.55 dBm
 3.799 648 GHz
 D201 -2.64 dB
 80.272 GHz

QPSK



MultiView Spectrum

Ref Level 30.00 dBm Offset 3.50 dB RBW 1 MHz

Att 30 dB SWT 10.1 ms VBW 3 MHz Mode Auto Sweep

Frequency Sweep

10% View

M1[1] -13.24 dBm
3.799 680 G Hz
-1.71 dB
85.624 G MHz

20 dBm
10 dBm
0 dBm
-10 dBm
-20 dBm
-30 dBm
-40 dBm
-50 dBm
-60 dBm

H1 13.711 dBm
H2 12.289 dBm

CF 3.84 GHz 10001 pts 16.0 MHz/ Span 160.0 MHz

Measuring... 2024-05-20 11:10:39

The screenshot shows a Spectrum Analyzer interface with the following details:

- Top Bar:** MultiView, Spectrum, and a toolbar with icons for zooming, saving, and other functions.
- Parameters:**
 - Ref Level: 30.00 dBm
 - Offset: 3.50 dB
 - RBW: 1 MHz
 - Att: 30 dB
 - SWT: 10.1 ms
 - VBW: 3 MHz
 - Mode: Auto Sweep
- Frequency Sweep:** The main plot area shows a frequency sweep from 3.84 GHz to 16.0 MHz. The signal is represented by a blue line with a flat top at approximately 12.5 GHz and a sharp drop at 13.4 GHz.
- Y-axis:** Power in dBm, ranging from -60 to 20.
- X-axis:** Frequency in GHz, ranging from 3.84 to 16.0.
- Annotations:**
 - HF 12.531 dBm
 - HF 13.469 dBm
- Bottom Bar:** CF 3.84 GHz, 10001 pts, 16.0 MHz/pt, Span 160.0 MHz, and a status bar showing the time 11:22 AM on 05/20/2024.

MultiView Spectrum

Ref Level 30.00 dBm Offset 3.50 dB RBW 1 MHz

Att 30 dB SWT 10.1 ms VSW 3 MHz Mode Auto Sweep

1 Frequency Sweep

0 1PK View

M1[1] -18.00 dBm
3.978 600.0 GHz

D2[1] 0.16 dB
80.720 0 MHz

20 dBm

10 dBm

0 dBm

-10 dBm

-20 dBm

-30 dBm

-40 dBm

-50 dBm

-60 dBm

CF 3.84 GHz

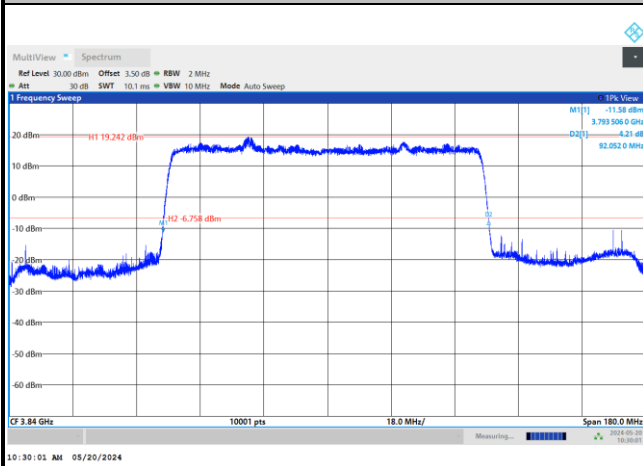
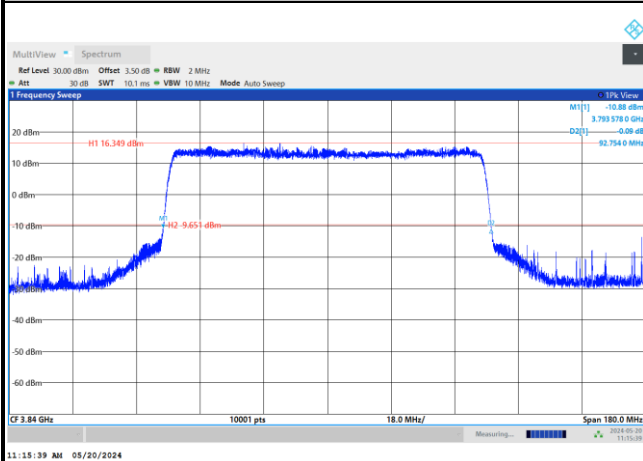
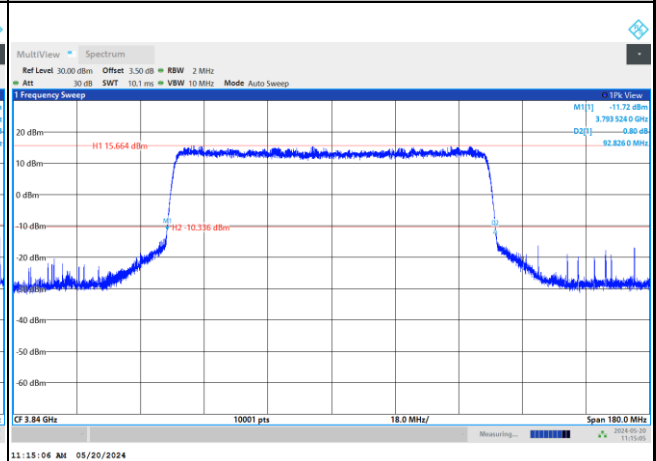
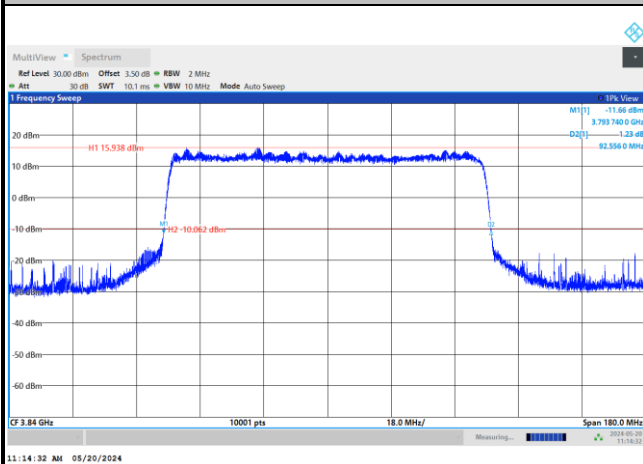
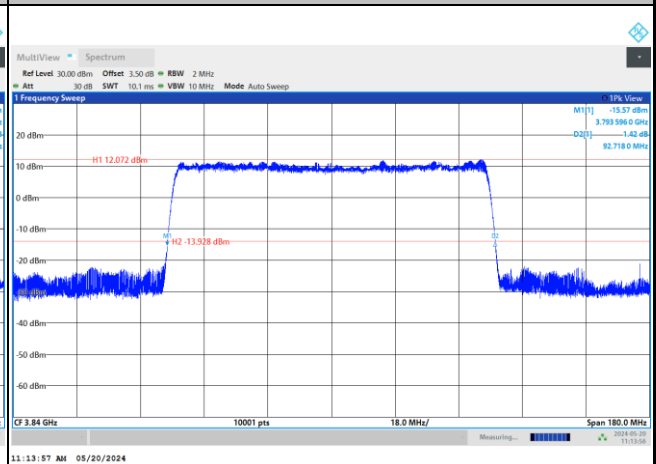
10001 pts

16.0 MHz/

Span 160.0 MHz

Measuring...

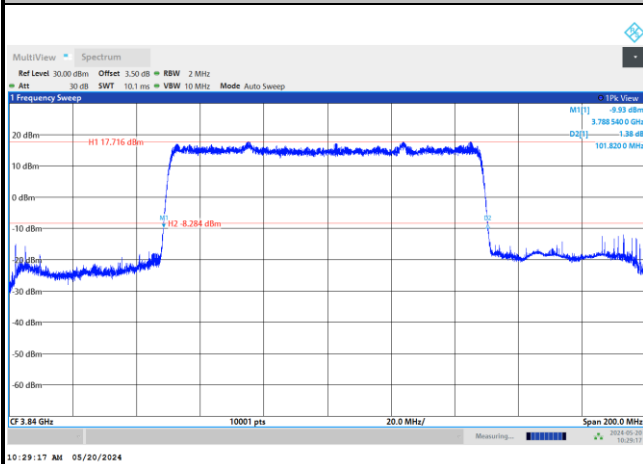
11:11:58 AM 05/20/2024

FR1 n77 (PC1.5) / 90MHz / DFT-S OFDM / Middle Channel / Full RB
PI/2 BPSK

FR1 n77 (PC1.5) / 90MHz / CP OFDM / Middle Channel / Full RB
QPSK

16QAM

64QAM

256QAM




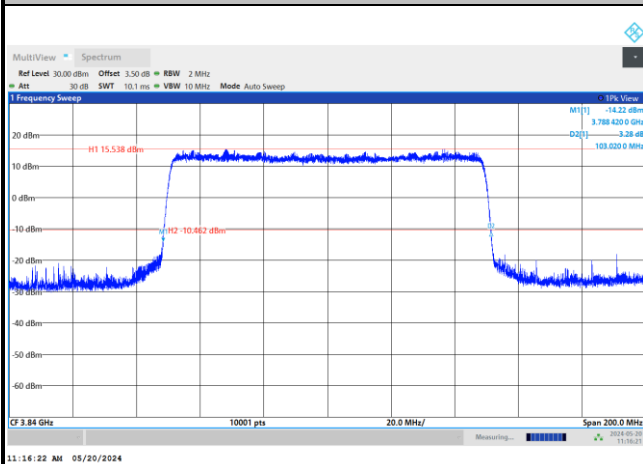
FR1 n77 (PC1.5) / 100MHz / DFT-S OFDM / Middle Channel / Full RB

PI/2 BPSK

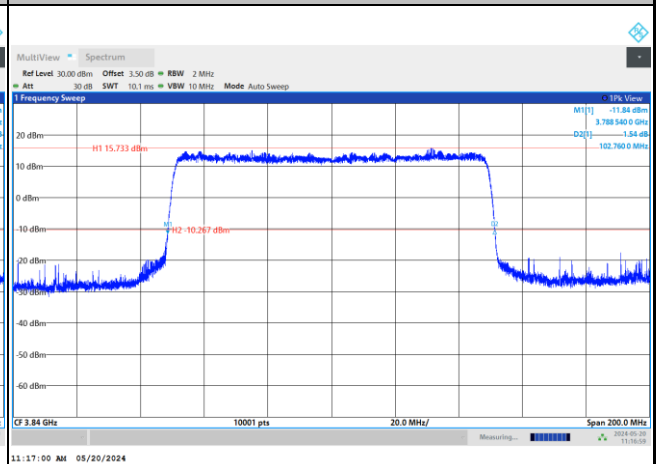


FR1 n77 (PC1.5) / 100MHz / CP OFDM / Middle Channel / Full RB

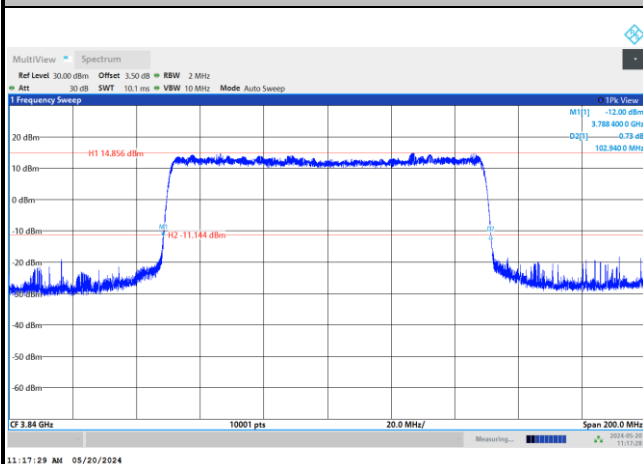
QPSK



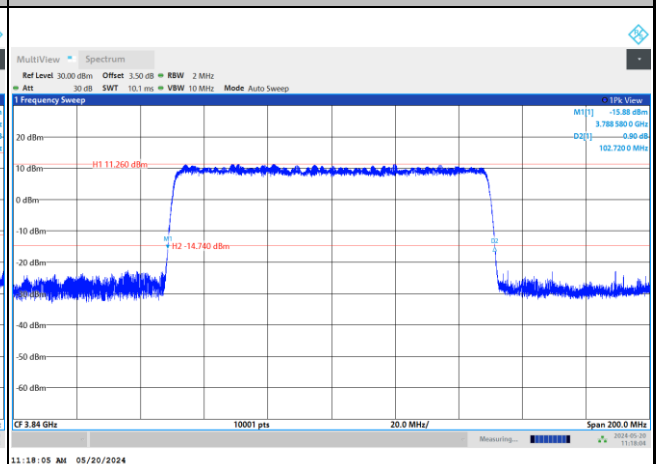
16QAM



64QAM



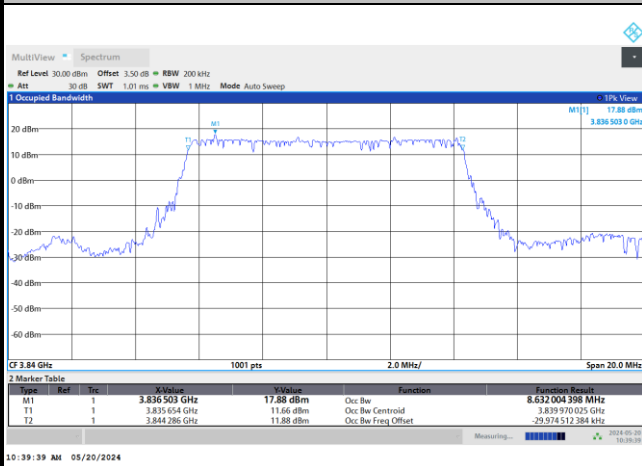
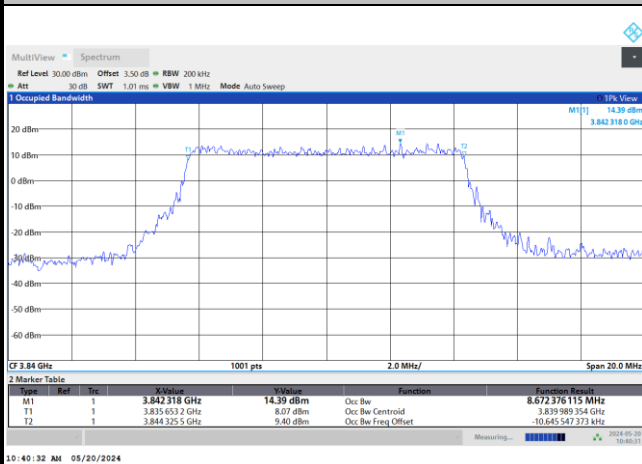
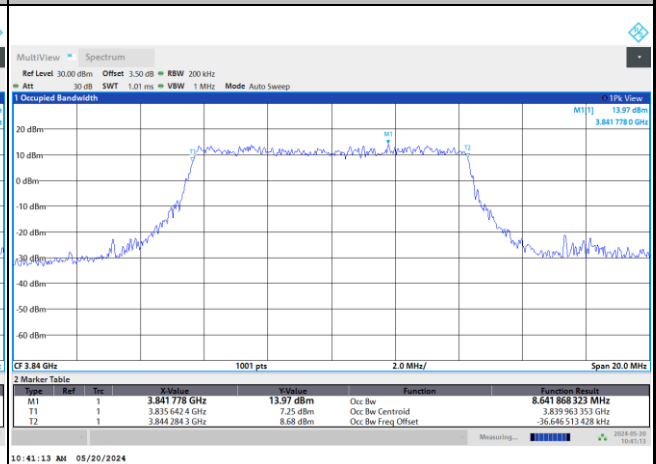
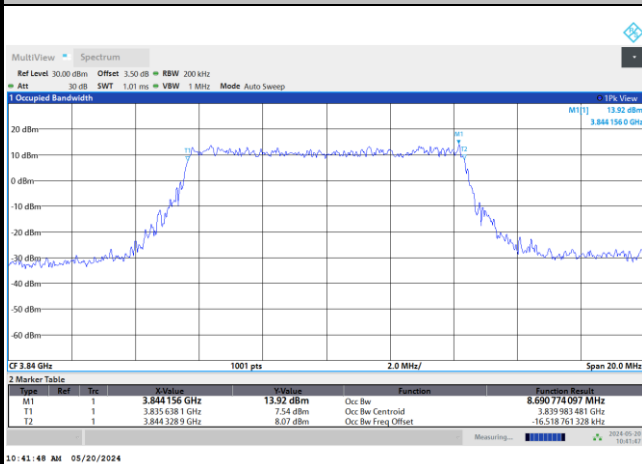
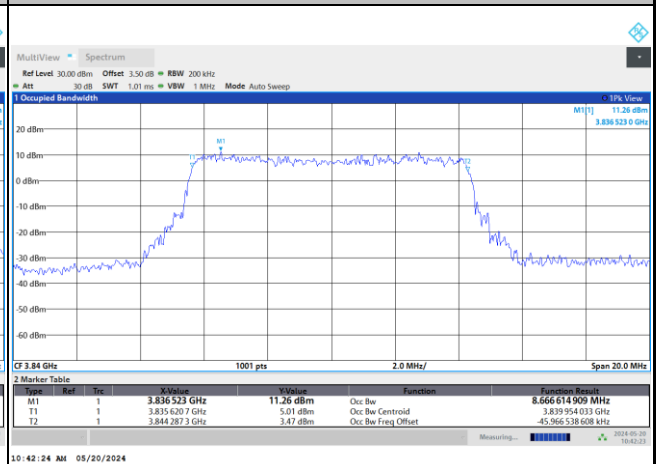
256QAM

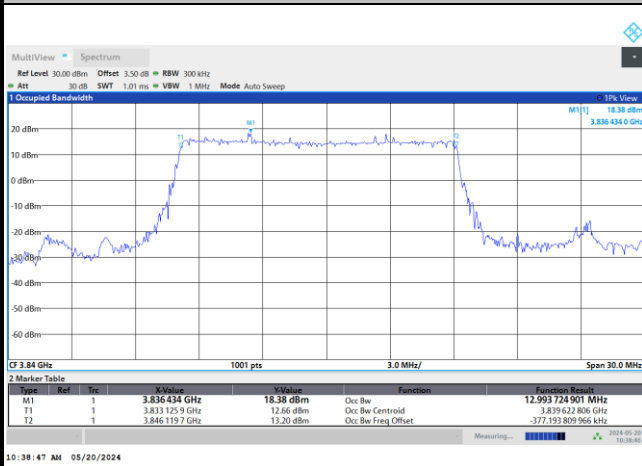
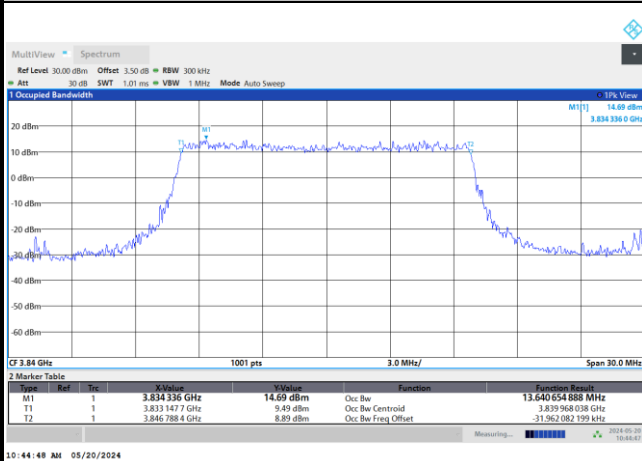
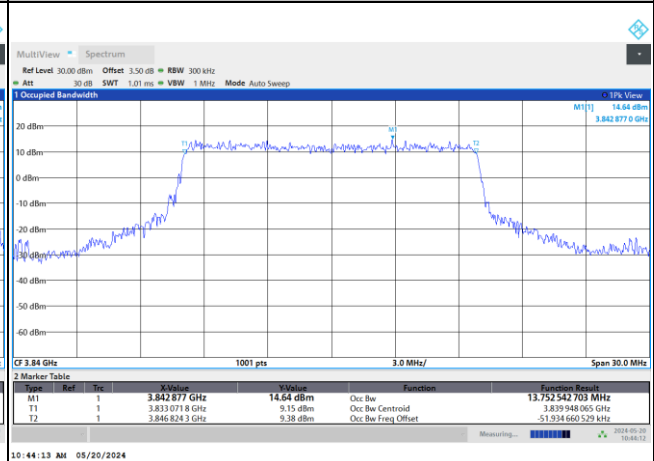
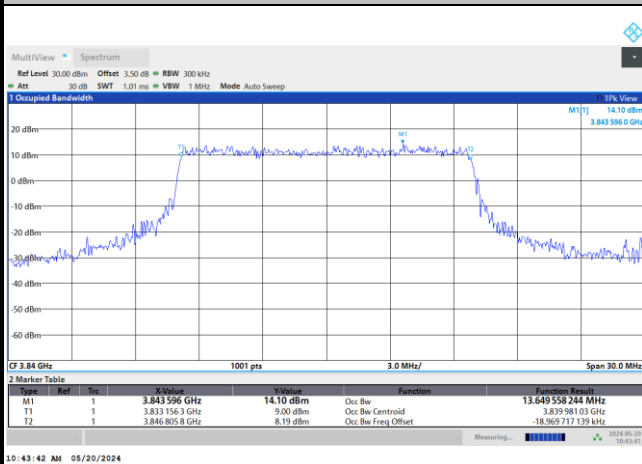
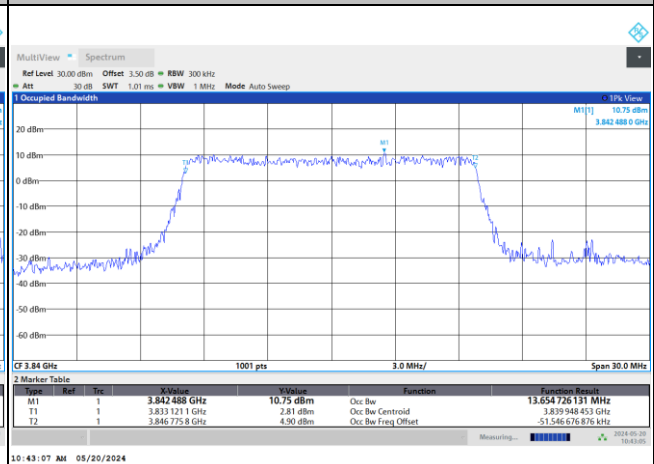


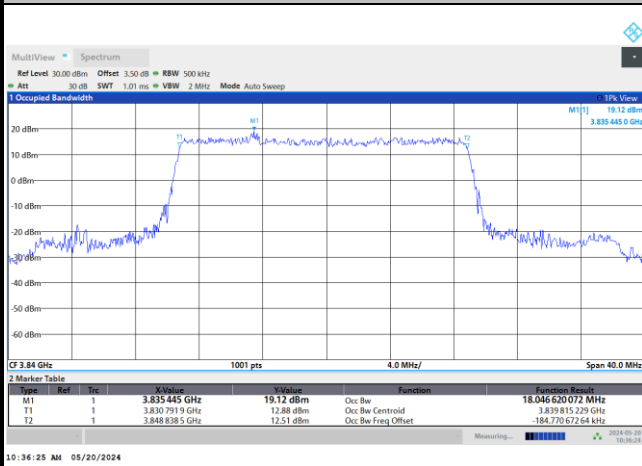
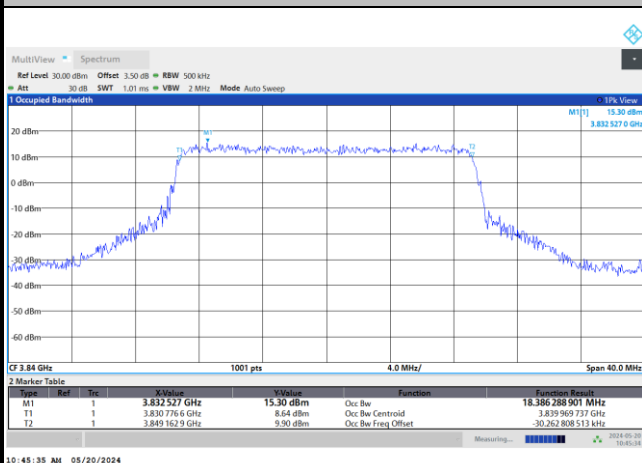
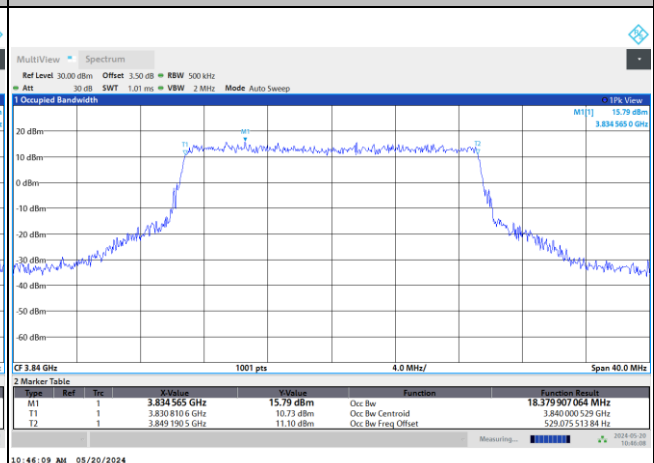
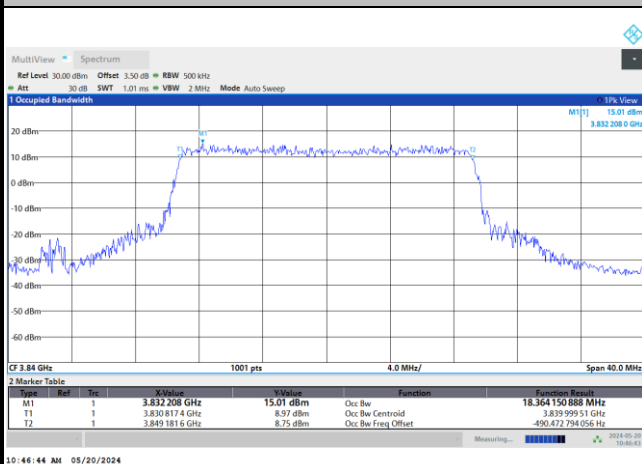
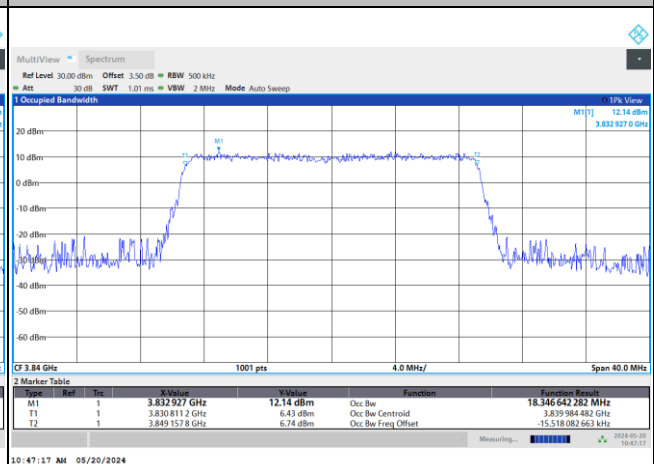
Occupied Bandwidth

Mode	FR1 n77 (PC1.5) : OB BW(MHz) / DFT-S OFDM							
BW	10MHz	15MHz	20MHz	25MHz	30MHz	40MHz	50MHz	60MHz
Mod.	PI/2 BPSK	PI/2 BPSK	PI/2 BPSK	PI/2 BPSK	PI/2 BPSK	PI/2 BPSK	PI/2 BPSK	PI/2 BPSK
Middle CH	8.63	12.99	18.04	-	27.23	35.92	45.86	58.39
BW	70MHz	80MHz	90MHz	100MHz				
Mod.	PI/2 BPSK	PI/2 BPSK	PI/2 BPSK	PI/2 BPSK				
Middle CH	64.87	77.63	87.34	96.75				

Mode	FR1 n77 (PC1.5) : OB BW(MHz) / CP OFDM							
BW	10MHz		15MHz		20MHz		25MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	8.67	8.64	13.64	13.75	18.38	18.37	-	-
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Middle CH	8.69	8.66	13.64	13.65	18.36	18.34	-	-
BW	30MHz		40MHz		50MHz		60MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	28.17	28.19	37.94	38.03	47.59	47.56	58.40	58.28
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Middle CH	28.25	28.07	38.07	37.95	47.75	47.64	58.50	58.38
BW	70MHz		80MHz		90MHz		100MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	68.19	68.09	77.90	77.81	87.86	87.87	97.86	97.63
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Middle CH	67.97	67.86	77.84	77.84	87.82	87.77	97.70	97.74

FR1 n77 (PC1.5) / 10MHz / DFT-S OFDM / Middle Channel / Full RB
PI/2 BPSK

FR1 n77 (PC1.5) / 10MHz / CP OFDM / Middle Channel / Full RB
QPSK

16QAM

64QAM

256QAM


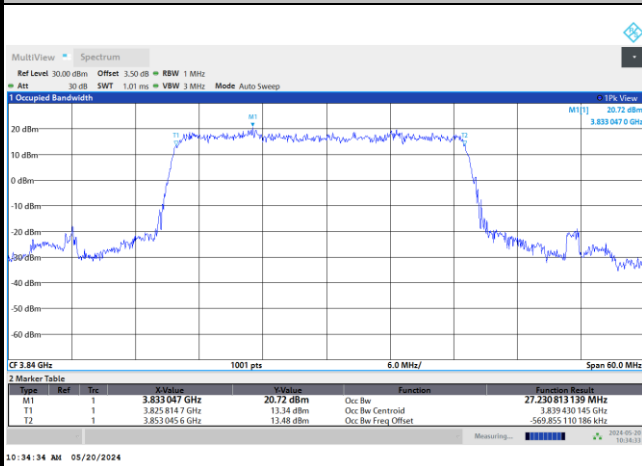
FR1 n77 (PC1.5) / 15MHz / DFT-S OFDM / Middle Channel / Full RB
PI/2 BPSK

FR1 n77 (PC1.5) / 15MHz / CP OFDM / Middle Channel / Full RB
QPSK

16QAM

64QAM

256QAM


FR1 n77 (PC1.5) / 20MHz / DFT-S OFDM / Middle Channel / Full RB
PI/2 BPSK

FR1 n77 (PC1.5) / 20MHz / CP OFDM / Middle Channel / Full RB
QPSK

16QAM

64QAM

256QAM




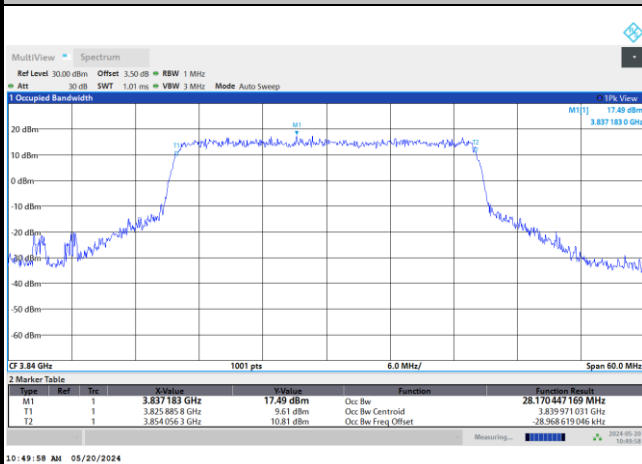
FR1 n77 (PC1.5) / 30MHz / DFT-S OFDM / Middle Channel / Full RB

PI/2 BPSK

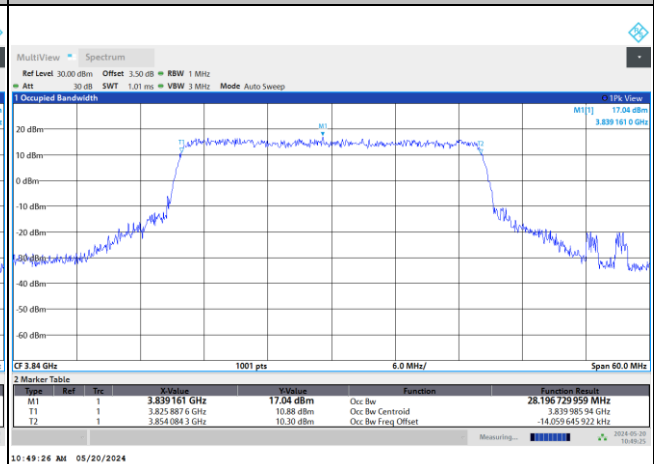


FR1 n77 (PC1.5) / 30MHz / CP OFDM / Middle Channel / Full RB

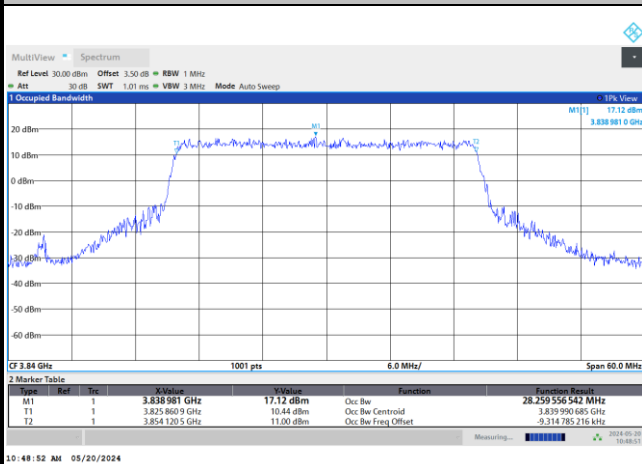
QPSK



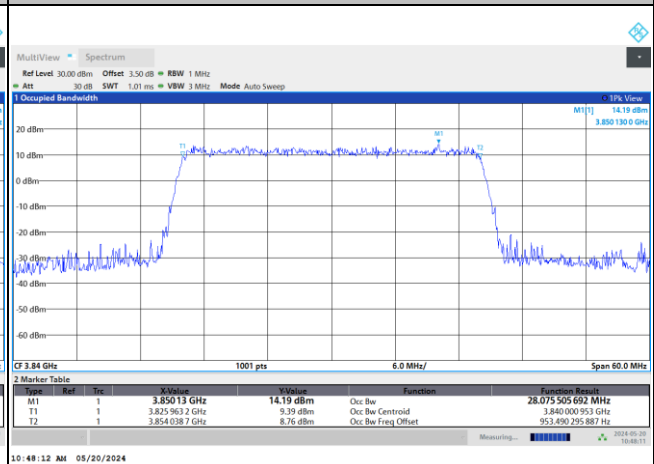
16QAM



64QAM

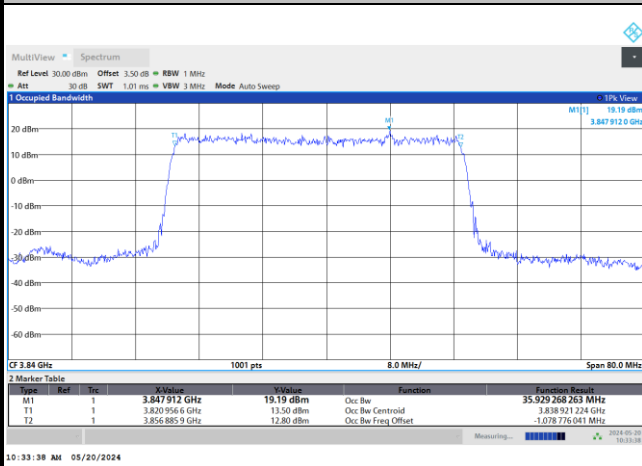


256QAM



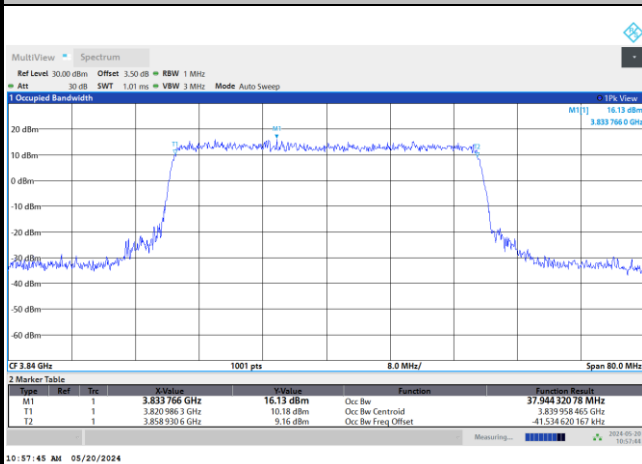
FR1 n77 (PC1.5) / 40MHz / DFT-S OFDM / Middle Channel / Full RB

PI/2 BPSK

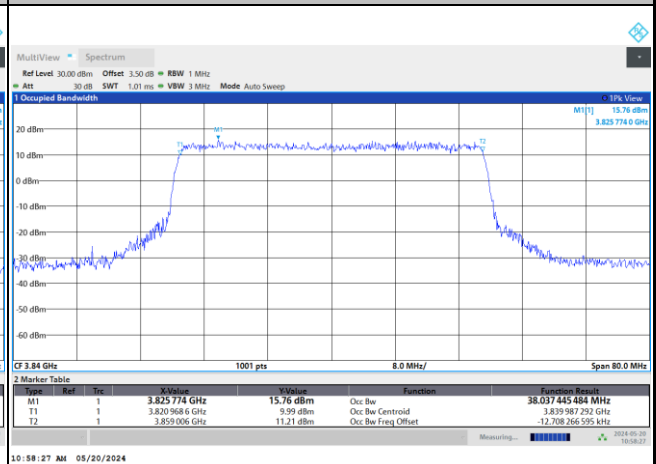


FR1 n77 (PC1.5) / 40MHz / CP OFDM / Middle Channel / Full RB

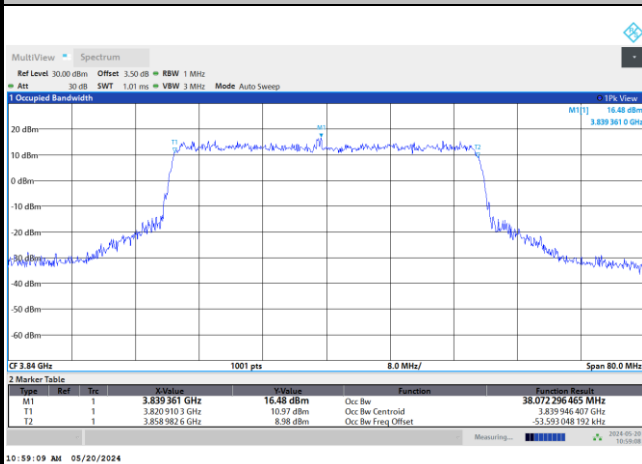
QPSK



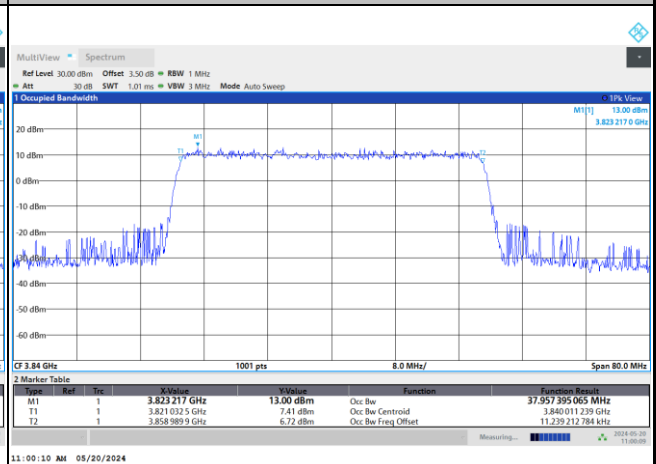
16QAM



64QAM



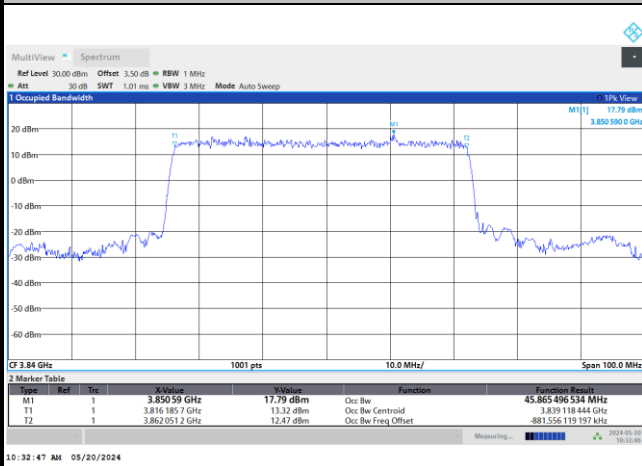
256QAM





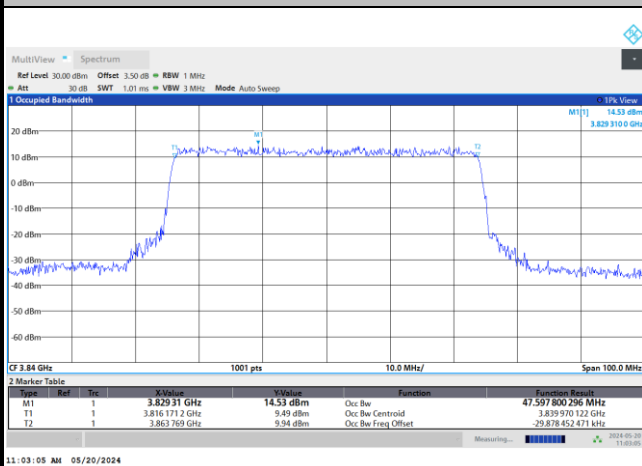
FR1 n77 (PC1.5) / 50MHz / DFT-S OFDM / Middle Channel / Full RB

PI/2 BPSK

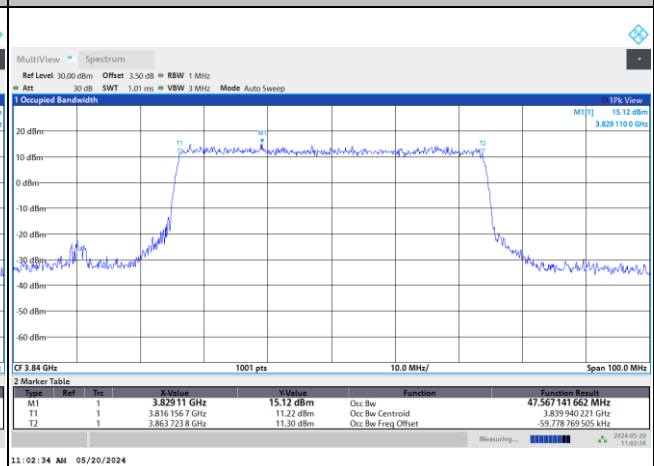


FR1 n77 (PC1.5) / 50MHz / CP OFDM / Middle Channel / Full RB

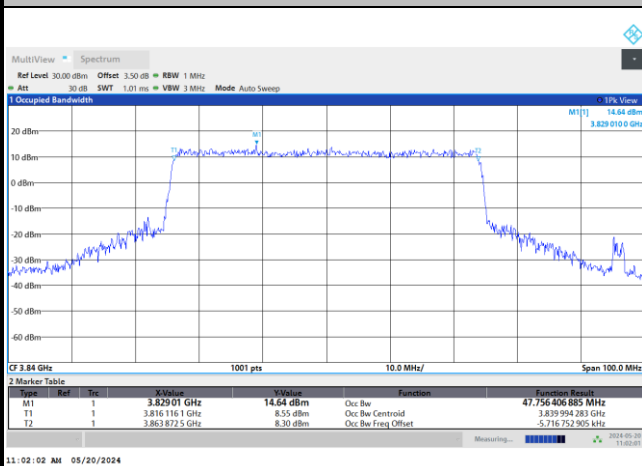
QPSK



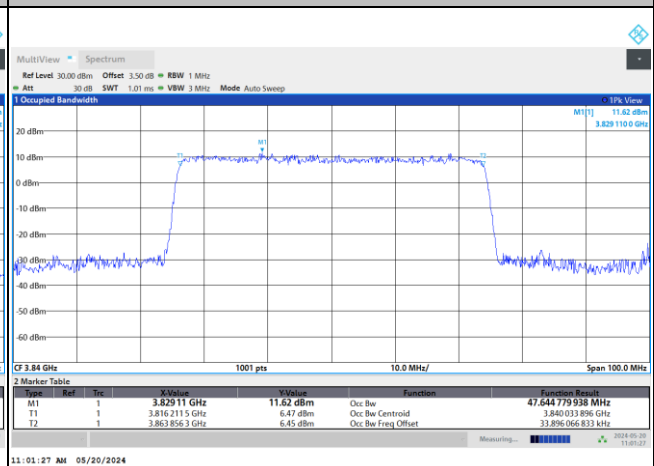
16QAM

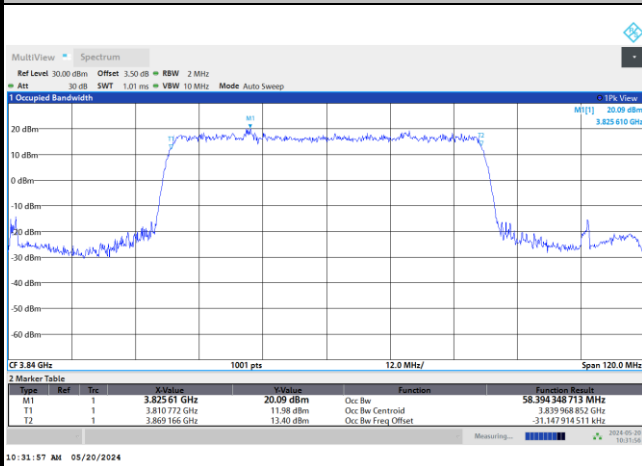
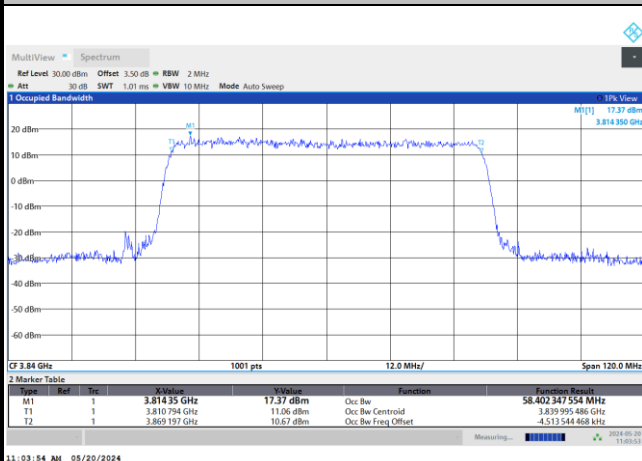
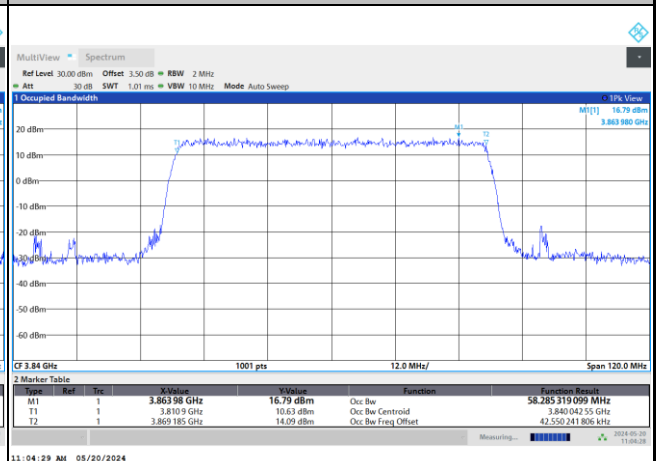
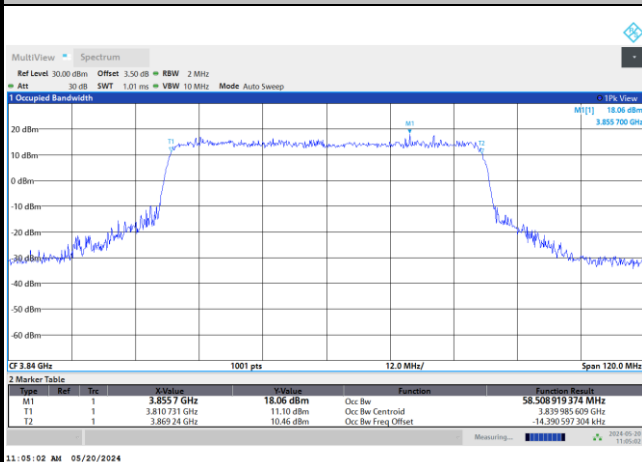
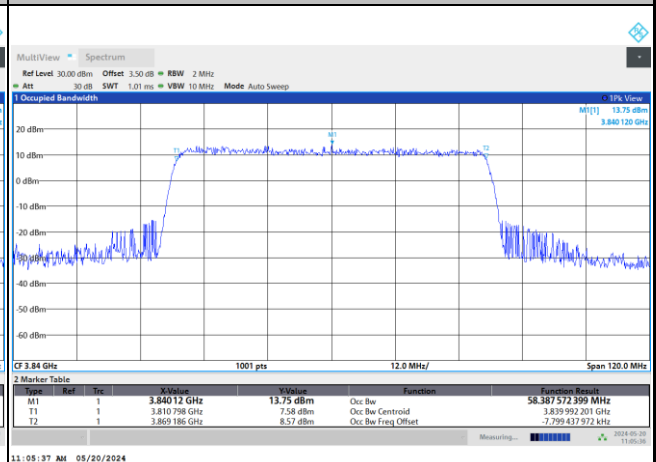


64QAM



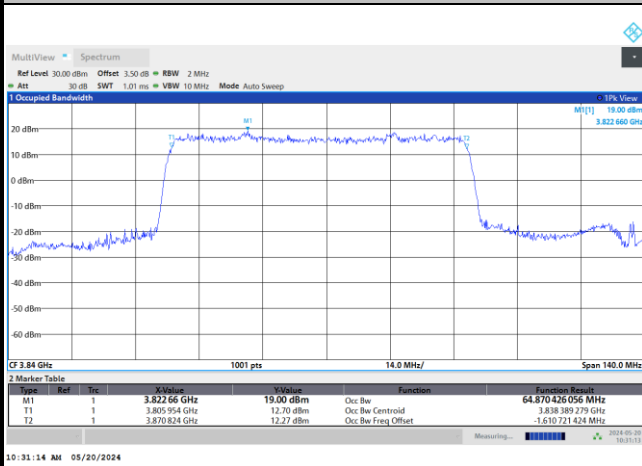
256QAM



FR1 n77 (PC1.5) / 60MHz / DFT-S OFDM / Middle Channel / Full RB
PI/2 BPSK

FR1 n77 (PC1.5) / 60MHz / CP OFDM / Middle Channel / Full RB
QPSK

16QAM

64QAM

256QAM


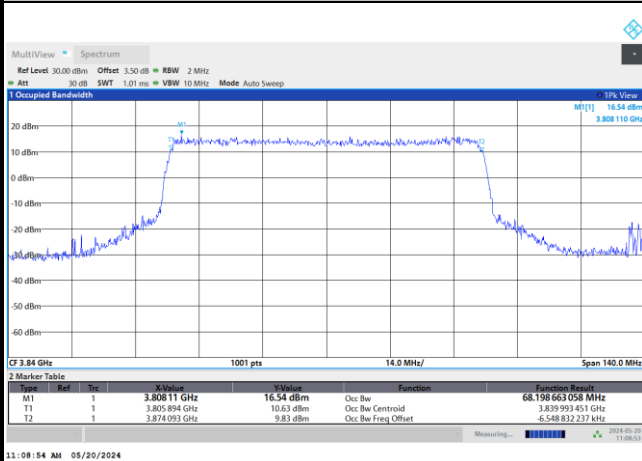
FR1 n77 (PC1.5) / 70MHz / DFT-S OFDM / Middle Channel / Full RB

PI/2 BPSK

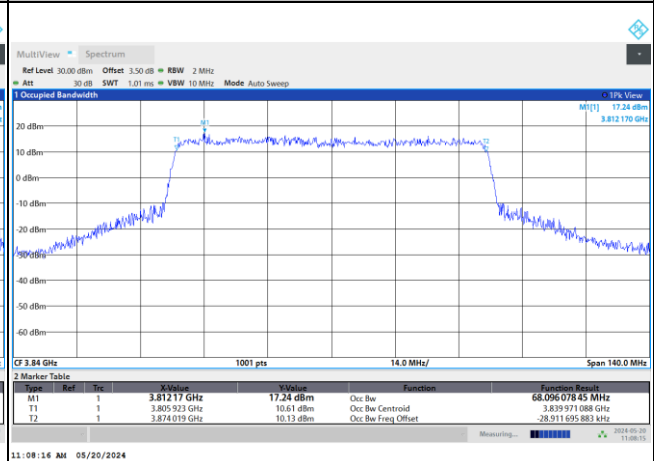


FR1 n77 (PC1.5) / 70MHz / CP OFDM / Middle Channel / Full RB

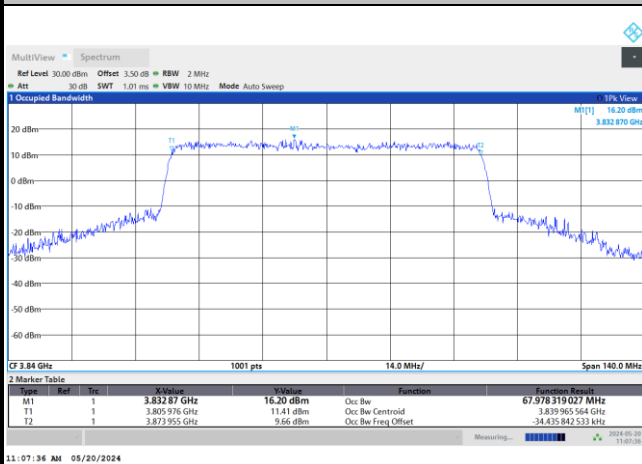
QPSK



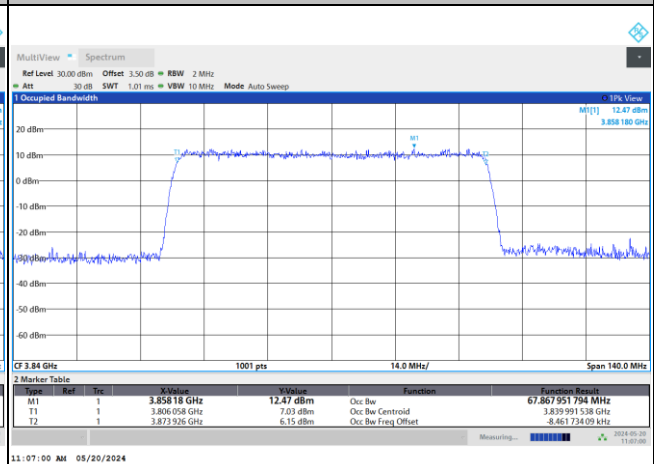
16QAM

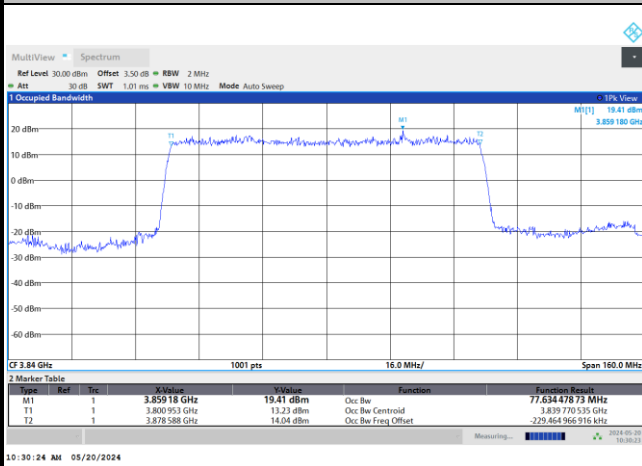
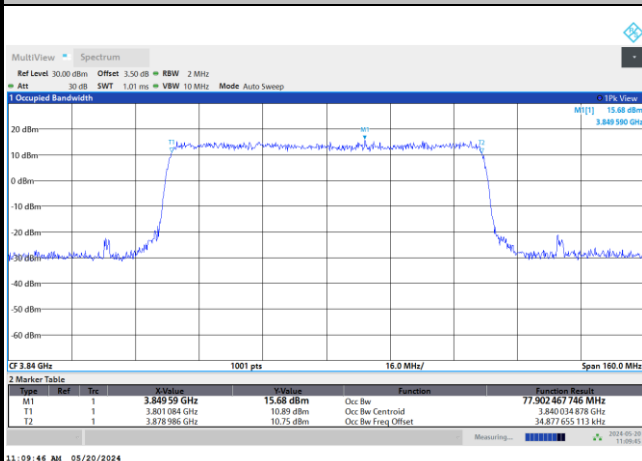
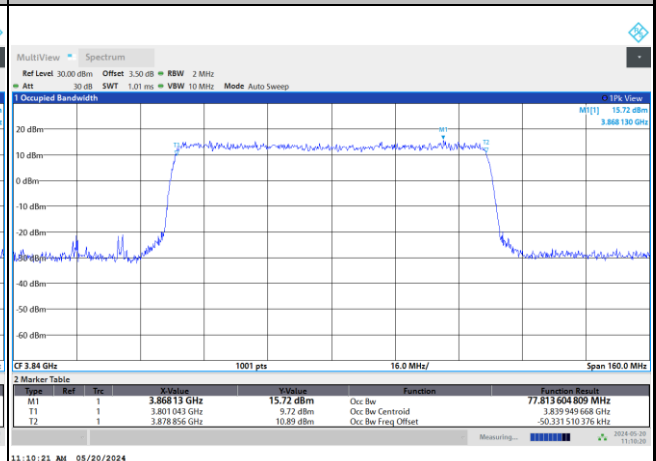
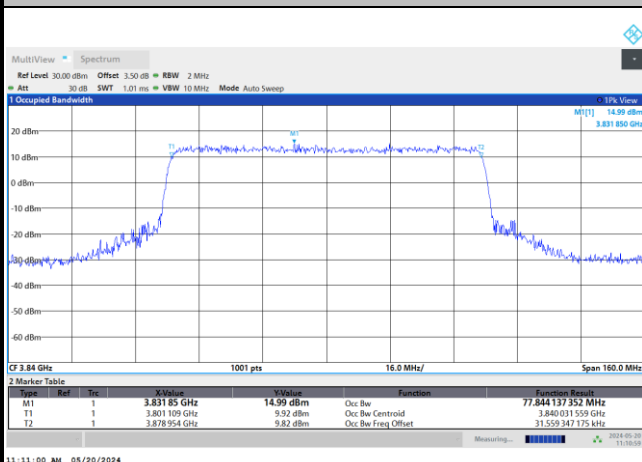
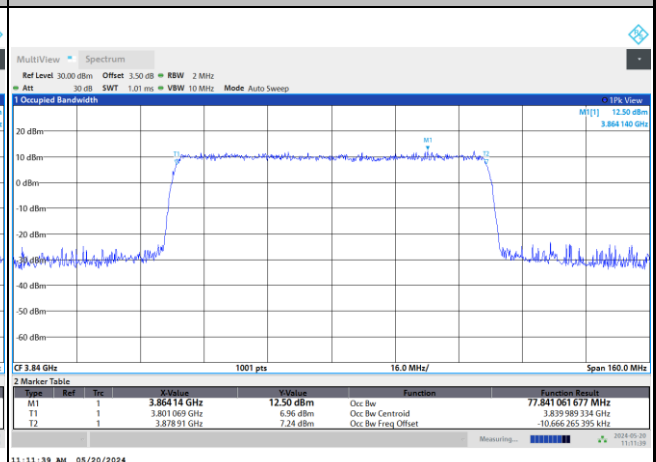


64QAM



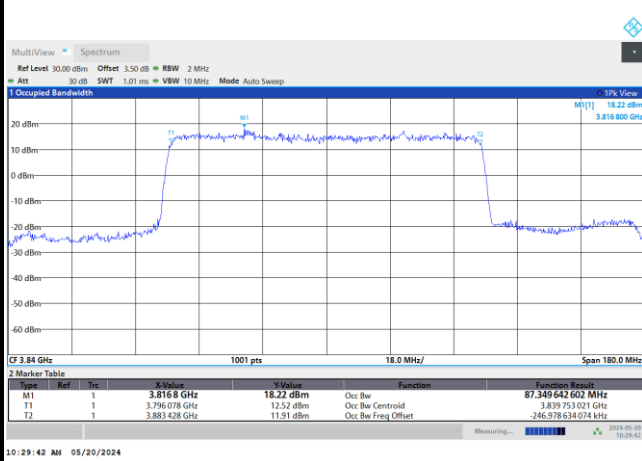
256QAM



FR1 n77 (PC1.5) / 80MHz / DFT-S OFDM / Middle Channel / Full RB
PI/2 BPSK

FR1 n77 (PC1.5) / 80MHz / CP OFDM / Middle Channel / Full RB
QPSK

16QAM

64QAM

256QAM


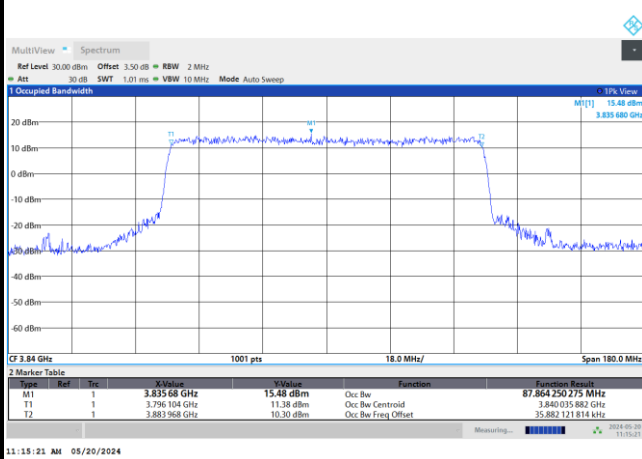
FR1 n77 (PC1.5) / 90MHz / DFT-S OFDM / Middle Channel / Full RB

PI/2 BPSK

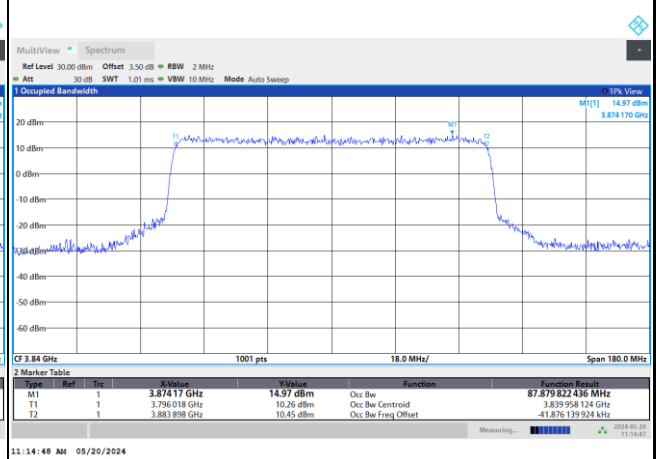


FR1 n77 (PC1.5) / 90MHz / CP OFDM / Middle Channel / Full RB

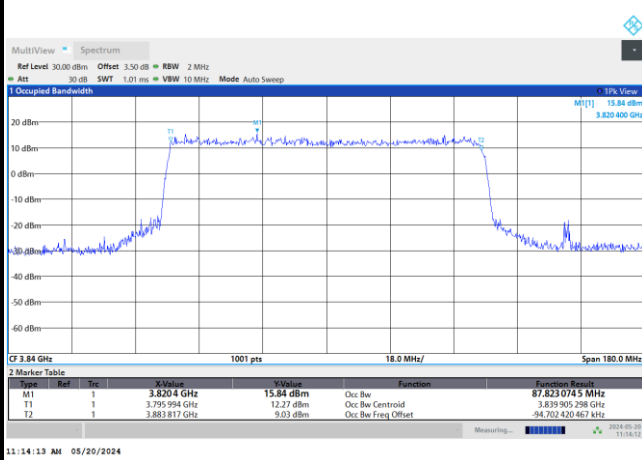
QPSK



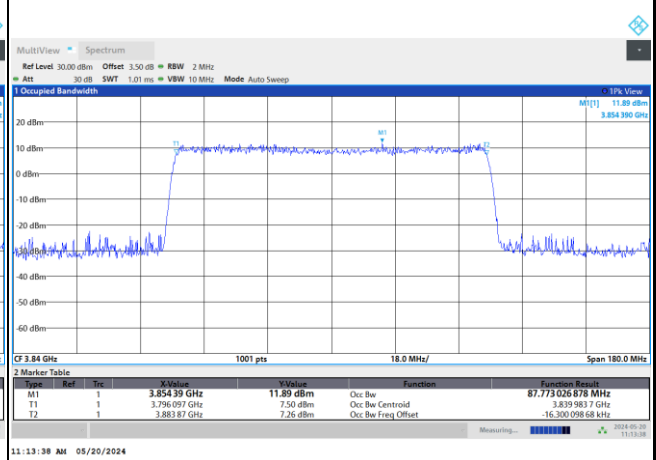
16QAM

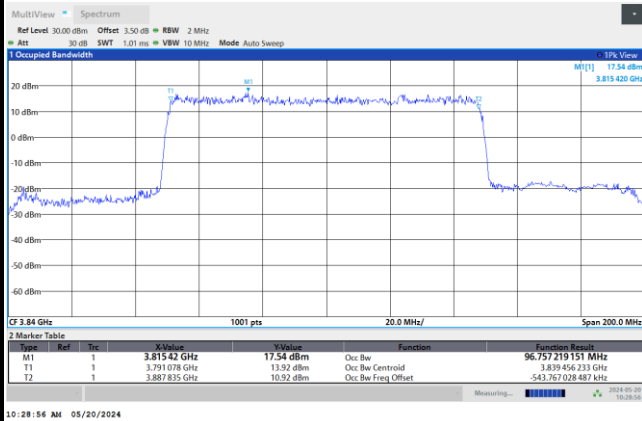
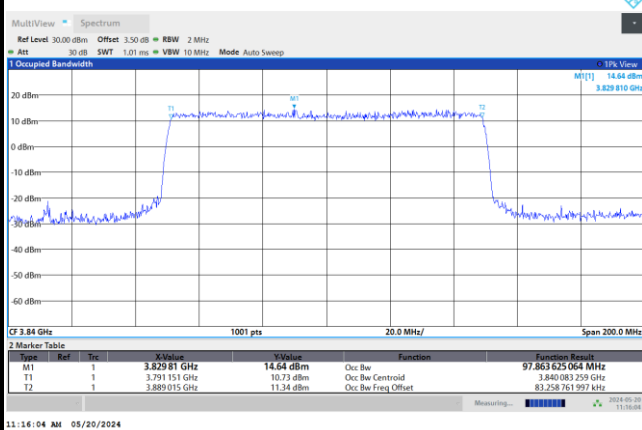
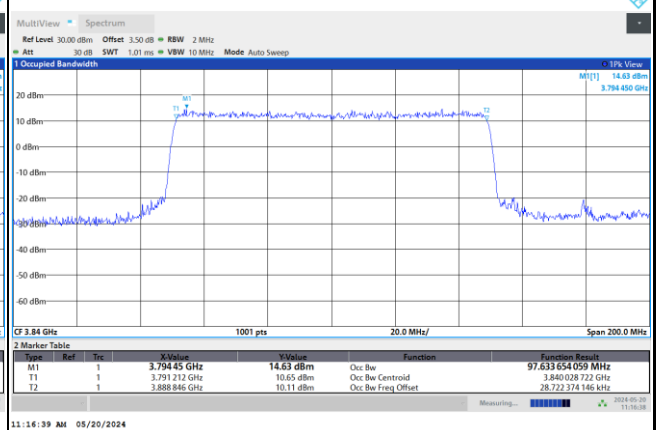
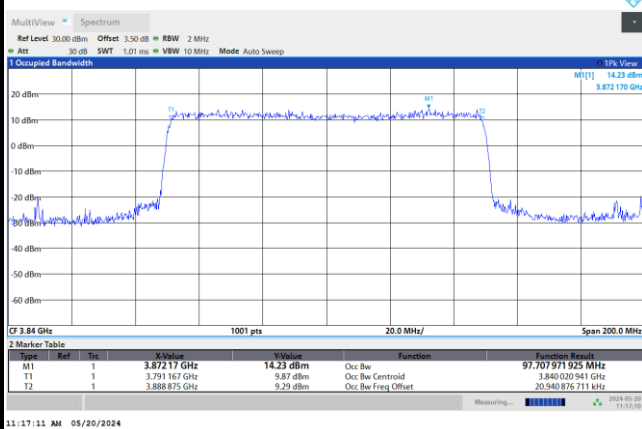
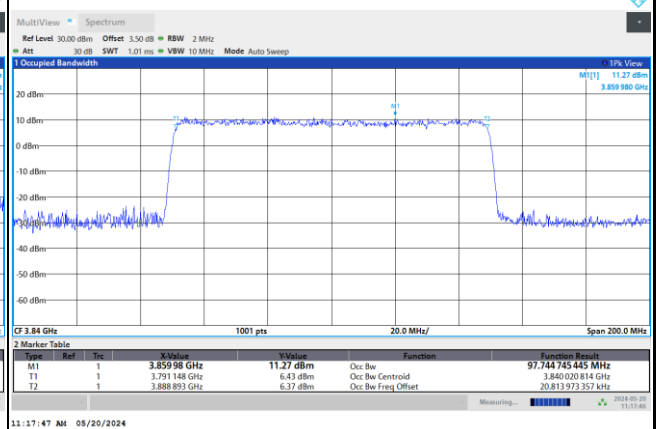


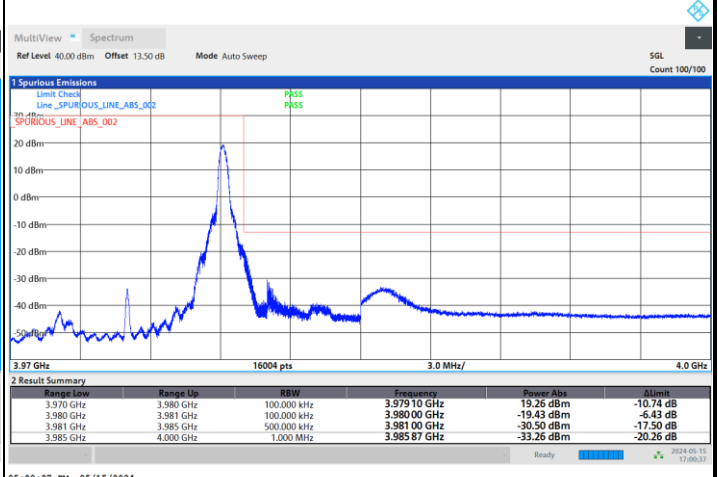
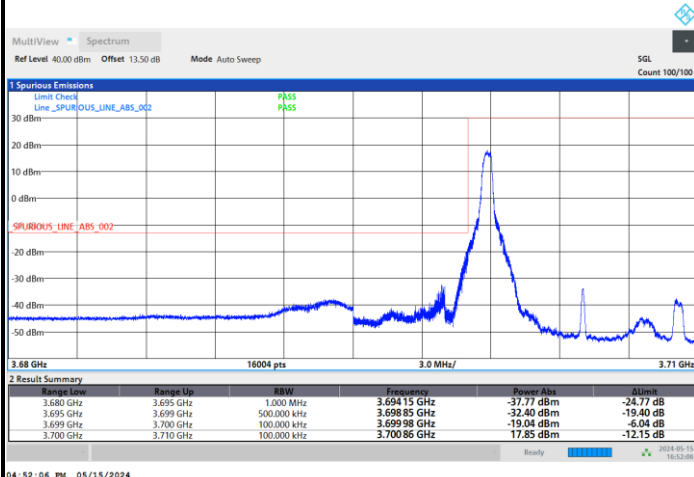
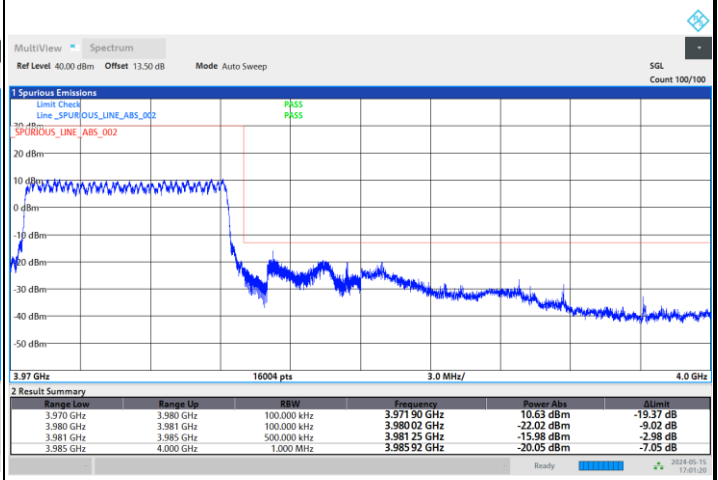
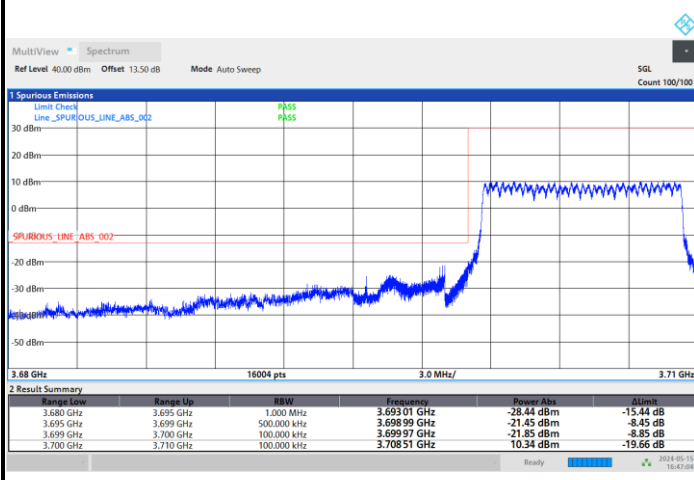
64QAM



256QAM



FR1 n77 (PC1.5) / 100MHz / DFT-S OFDM / Middle Channel / Full RB
PI/2 BPSK

FR1 n77 (PC1.5) / 100MHz / CP OFDM / Middle Channel / Full RB
QPSK

16QAM

64QAM

256QAM


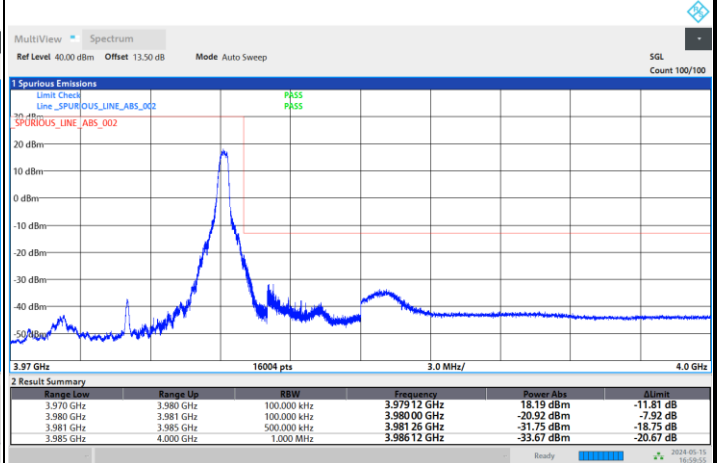
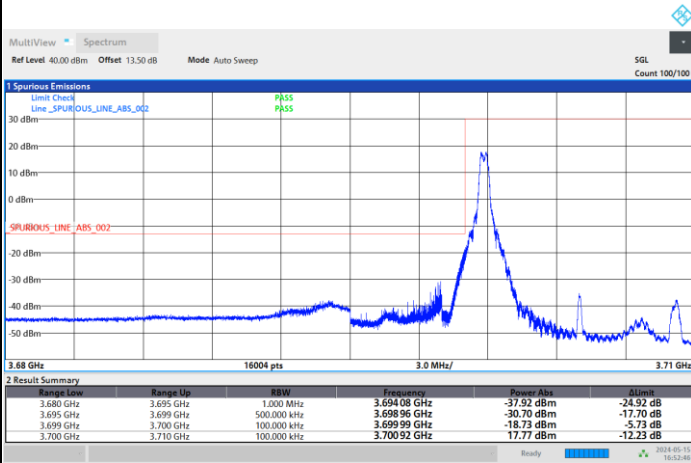
**Conducted Band Edge****FR1 n77 (PC1.5) / 10MHz / DFT-S OFDM / PI/2 BPSK****Lowest Band Edge / 1RB0****Highest Band Edge / 1RBmax****Lowest Band Edge / Full RB****Highest Band Edge / Full RB**



FR1 n77 (PC1.5) / 10MHz / DFT-S OFDM / QPSK

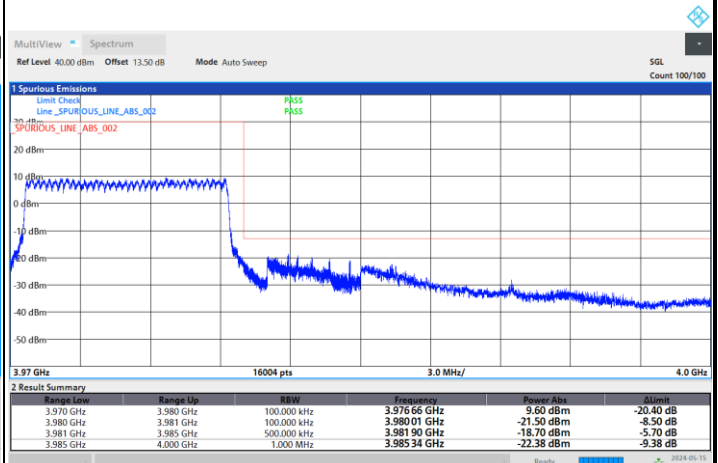
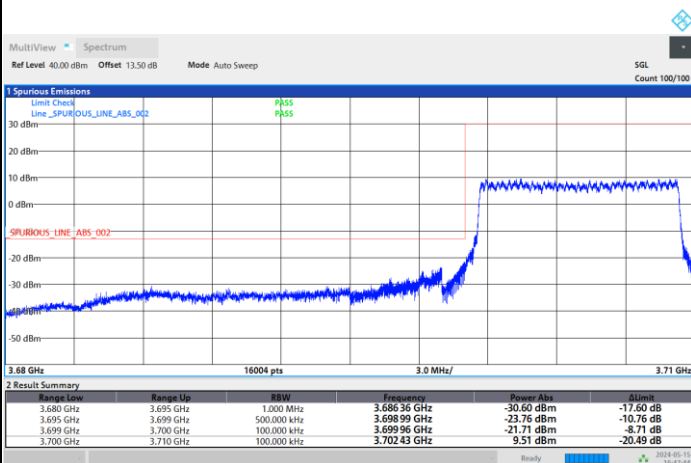
Lowest Band Edge / 1RB0

Highest Band Edge / 1RBmax



Lowest Band Edge / Full RB

Highest Band Edge / Full RB

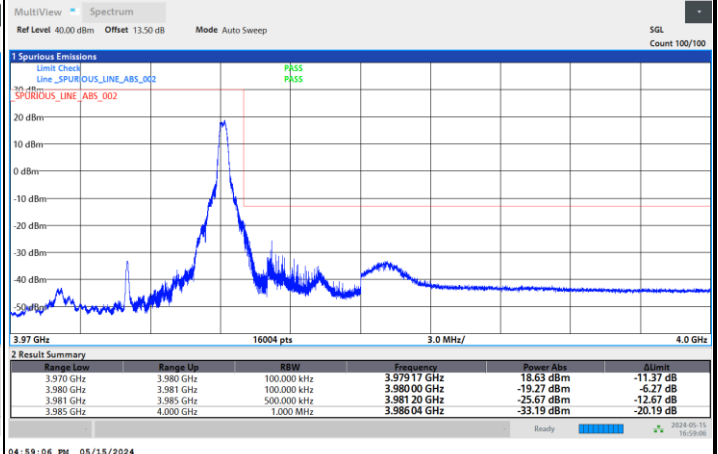
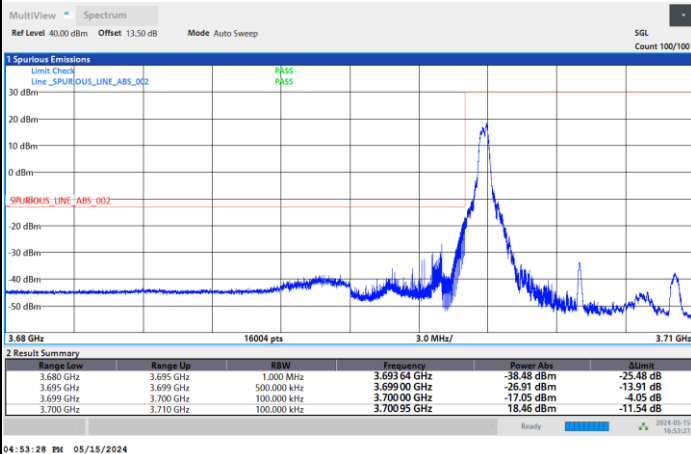




FR1 n77 (PC1.5) / 10MHz / DFT-S OFDM / 16QAM

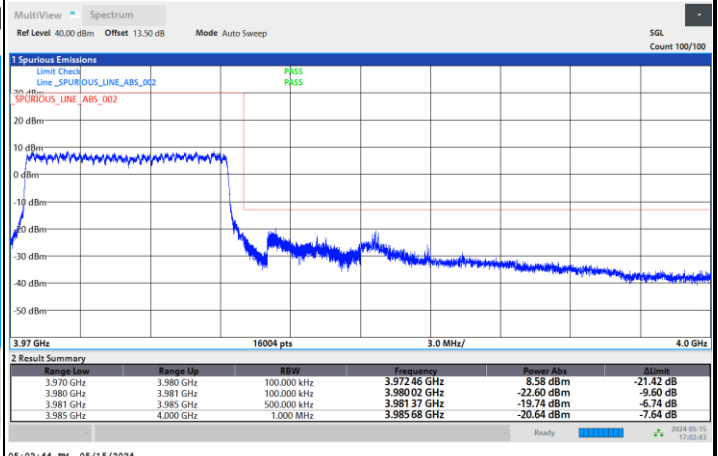
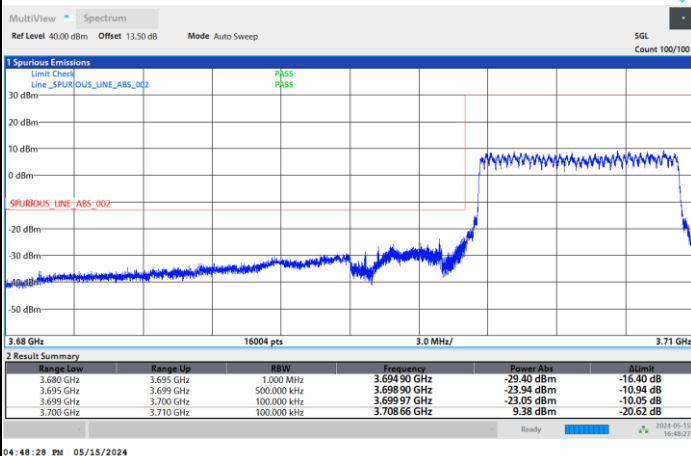
Lowest Band Edge / 1RB0

Highest Band Edge / 1RBmax



Lowest Band Edge / Full RB

Highest Band Edge / Full RB

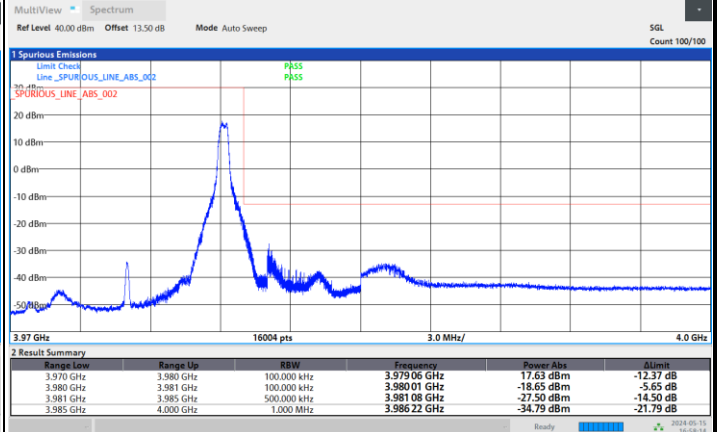
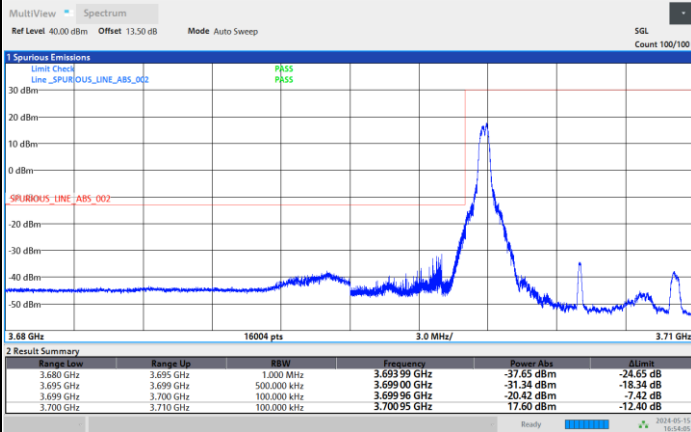




FR1 n77 (PC1.5) / 10MHz / DFT-S OFDM / 64QAM

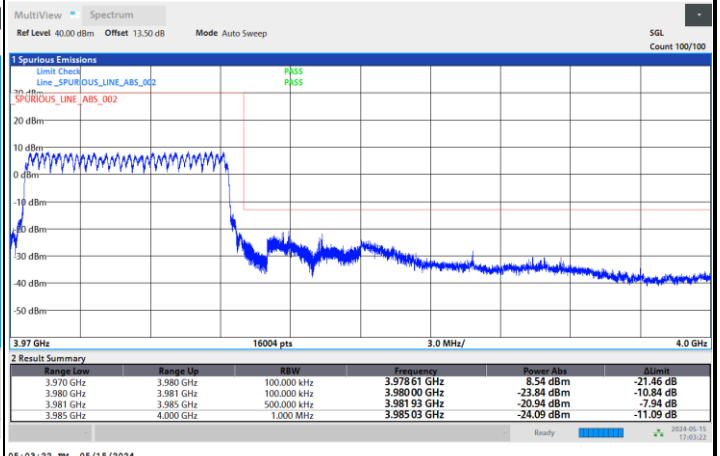
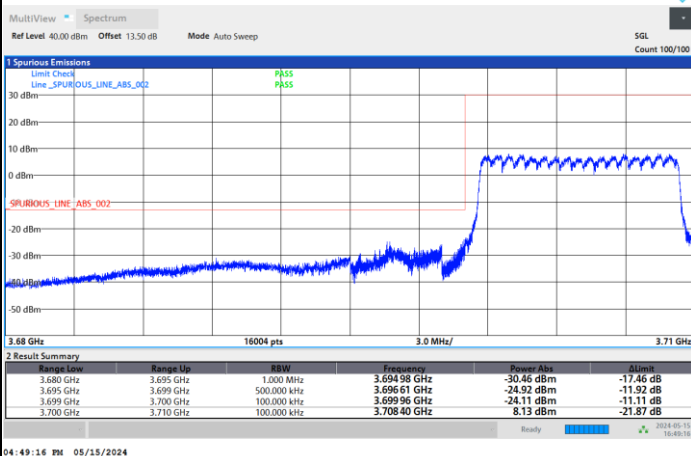
Lowest Band Edge / 1RB0

Highest Band Edge / 1RBmax



Lowest Band Edge / Full RB

Highest Band Edge / Full RB

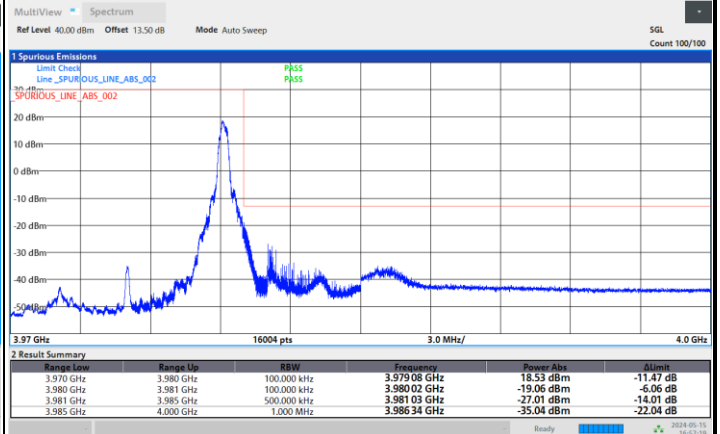
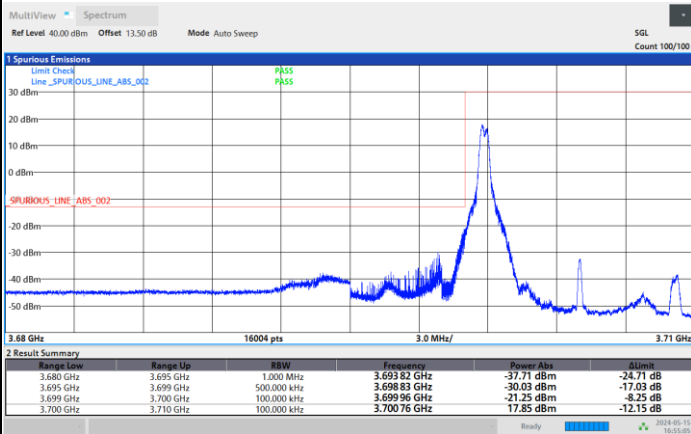




FR1 n77 (PC1.5) / 10MHz / DFT-S OFDM / 256QAM

Lowest Band Edge / 1RB0

Highest Band Edge / 1RBmax



Lowest Band Edge / Full RB

Highest Band Edge / Full RB

