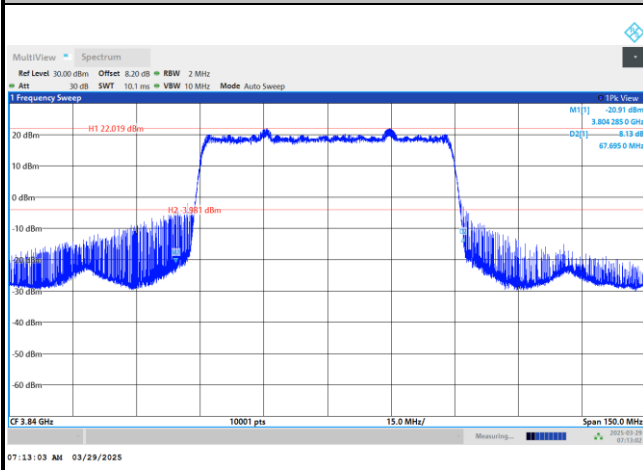
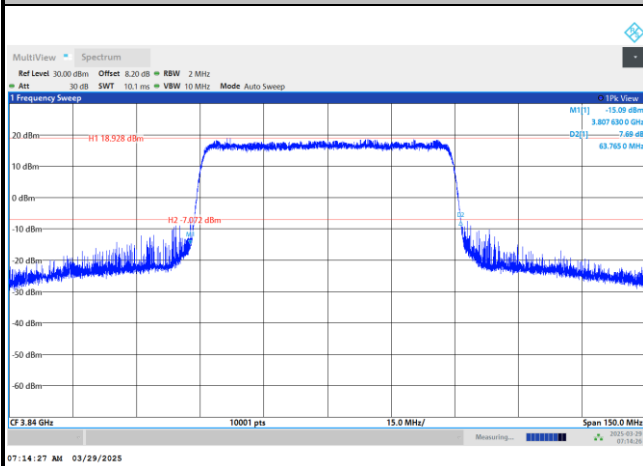
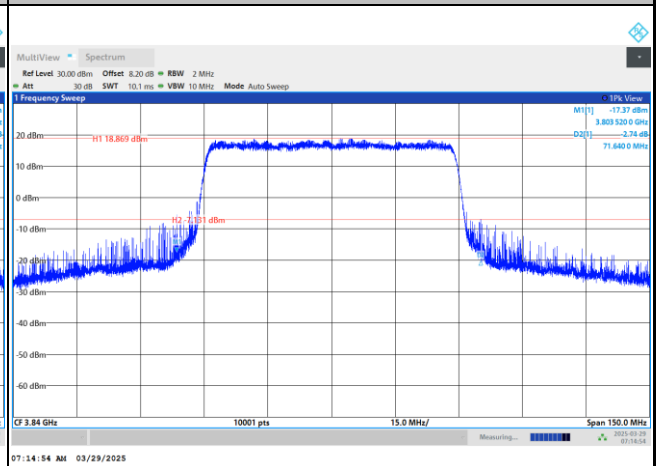
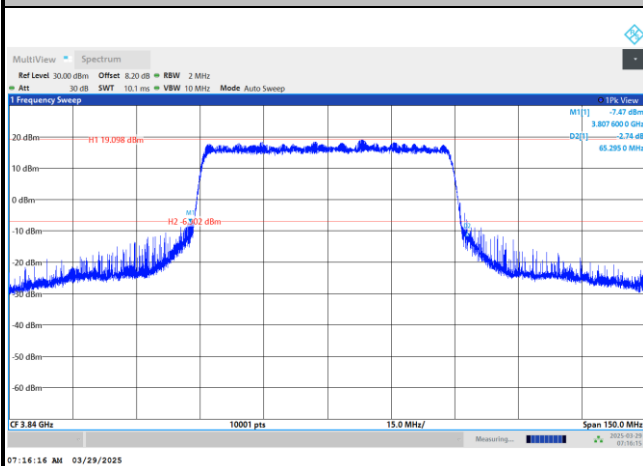
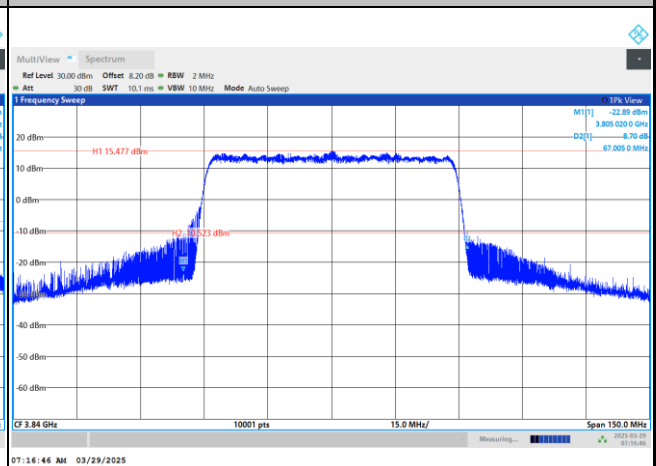
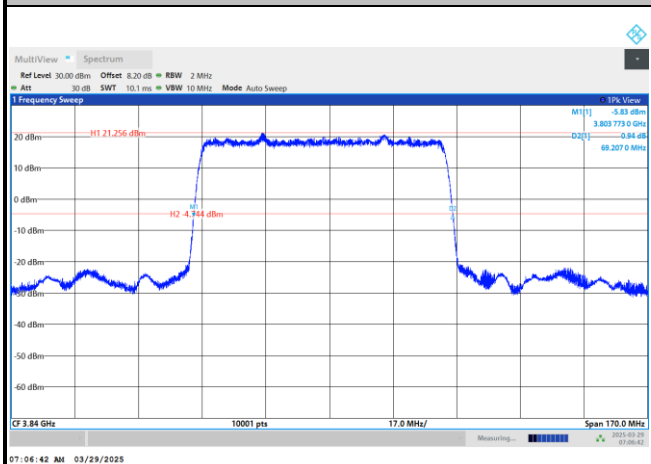


FR1 n77 / 60MHz / DFT-S OFDM / Middle Channel / Full RB
PI/2 BPSK

FR1 n77 / 60MHz / CP OFDM / Middle Channel / Full RB
QPSK

16QAM

64QAM

256QAM




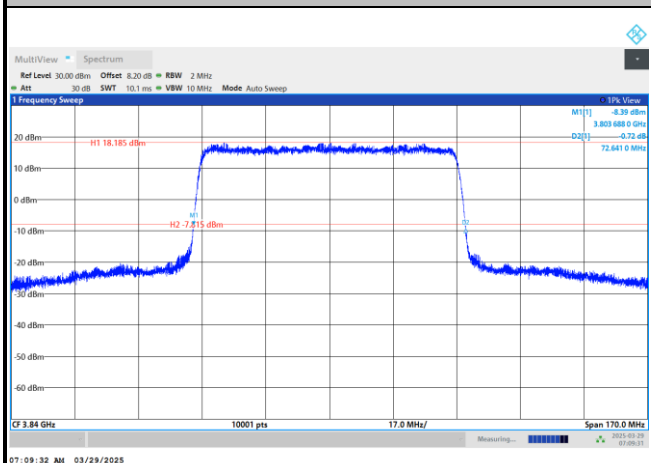
FR1 n77 / 70MHz / DFT-S OFDM / Middle Channel / Full RB

PI/2 BPSK

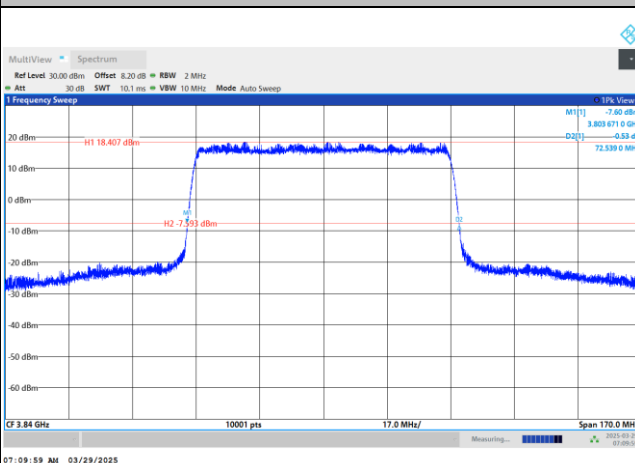


FR1 n77 / 70MHz / CP OFDM / Middle Channel / Full RB

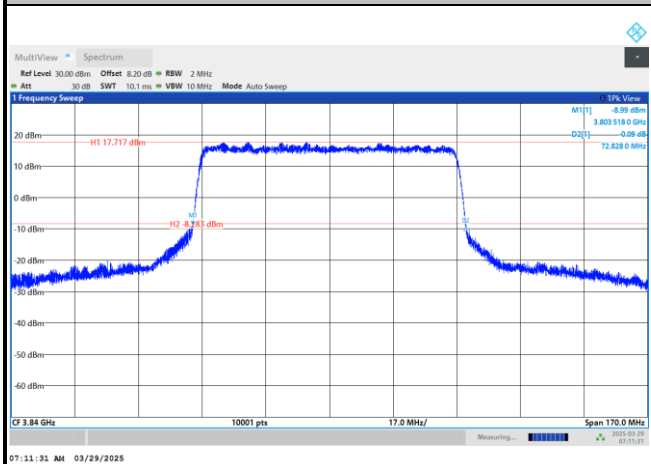
QPSK



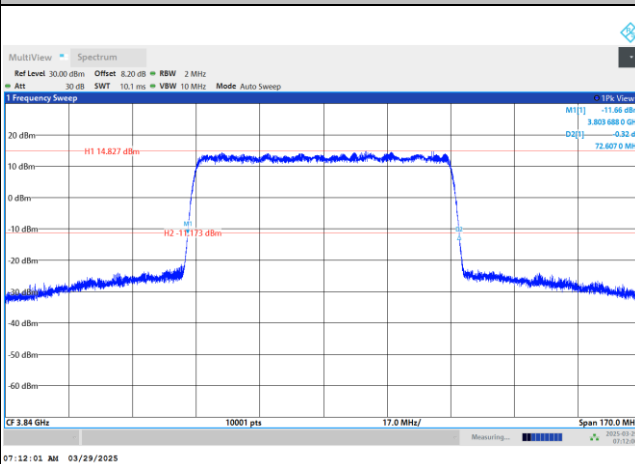
16QAM



64QAM



256QAM

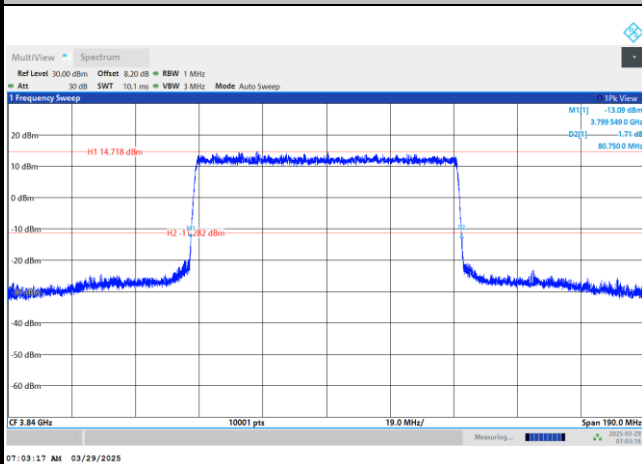




The screenshot displays a Spectrum Analyzer interface with the following details:

- Top Bar:** MultiView (selected), Spectrum, and a search icon.
- Parameters:**
 - Ref Level: 30.00 dBm
 - Offset: 8.20 dB
 - RBW: 1 MHz
 - Att: 30 dB
 - SWT: 10.1 ms
 - VBW: 3 kHz
 - Mode: Auto Sweep
- Title Bar:** 1 Frequency Sweep
- Plot Area:**
 - Y-axis: Power in dBm, ranging from -60 to 20.
 - X-axis: Frequency in GHz, ranging from 3.82 to 3.86.
 - Signal: A blue trace showing a signal with a flat top between approximately 3.835 GHz and 3.855 GHz.
 - Markings:
 - H1: 18.434 dBm (red line at the top of the signal plateau)
 - H2: -7.56 dBm (red line at the bottom of the signal plateau)
- Right Panel:**
 - 1.9k View
 - M[1]: 3.799 547 0 GHz, -8.71 dBm
 - D[20]: 3.84 GHz, -3.84 dBm
 - 80.408 0 MHz
- Bottom Bar:**
 - CF 3.84 GHz
 - 10001 pts
 - 19.0 MHz/
 - Span 19.0 MHz
 - Measuring...
 - 2025-09-23 07:01:53

QPSK



MultiView Spectrum

Ref Level 30.00 dBm Offset 8.20 dB RBW 1 MHz
 Att 30 dB SWT 10.1 ms VBW 3 MHz Mode Auto Sweep

Frequency Sweep

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

H1 14.577 dBm
 H2 11.623 dBm

M1[1] -17.47 dBm
 3.789 492.0 GHz
 -3.40 dB
 85.750 0 MHz

CF 3.84 GHz 10001 pts 19.0 MHz/ Span 190.0 MHz

07:03:44 AM 03/29/2025

MultiView Spectrum

Ref Level 30.00 dBm Offset 8.20 dB RBW 1 MHz

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

1 Frequency Sweep 10% View

20 dBm

10 dBm

0 dBm

-10 dBm

-20 dBm

-30 dBm

-40 dBm

-50 dBm

-60 dBm

H1 14.253 dBm

H2 -17.747 dBm

M[1] -12.35 dBm
3.799 568.0 GHz
D[30] -0.35 dBm
80.693 0 MHz

CF 3.84 GHz 10001 pts 19.0 MHz/ Span 190.0 MHz

Measuring 07:05:06

07:05:06 AM 03/29/2025

MultiView Spectrum

Ref Level 30.00 dBm Offset 8.20 dB RBW 1 MHz

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

1 Frequency Sweep

0 190.0 MHz

M1[1] -16.45 dBm
3.789 548 0 GHz
D2[1] -2.23 dBm
80.750 0 MHz

H1 -11.226 dBm

H2 -16.76 dBm

CF 3.84 MHz 10001 pts 19.0 MHz/ Span 190.0 MHz

07:05:39 AM 03/29/2025





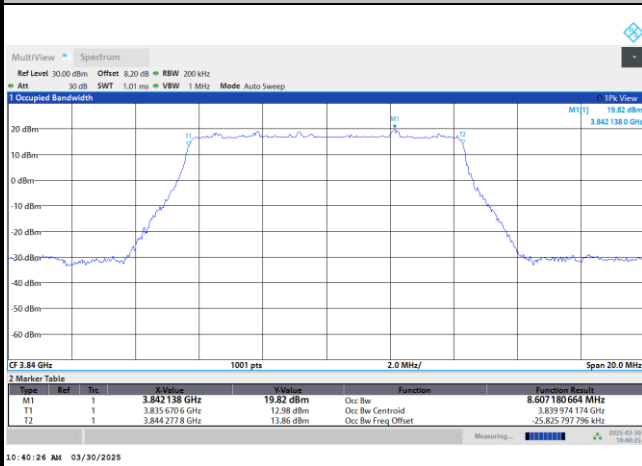
**Occupied Bandwidth**

Mode	FR1 n77 : 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	8.60	12.96	18.06	23.02	27.27	36.04	45.92	58.68
BW	70MHz	80MHz	90MHz	100MHz				
Mod.	PI/2 BPSK	PI/2 BPSK	PI/2 BPSK	PI/2 BPSK				
Middle CH	64.86	77.56	87.10	96.83				

Mode	FR1 n77 : OB BW(MHz) / CP OFDM							
BW	10MHz		15MHz		20MHz		25MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	8.68	8.65	13.67	13.67	18.34	18.40	23.36	23.31
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Middle CH	8.70	8.64	13.68	13.64	18.39	18.37	23.30	23.29
BW	30MHz		40MHz		50MHz		60MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	28.27	28.26	38.16	38.13	47.56	47.61	58.47	58.50
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Middle CH	28.21	28.16	38.05	38.02	47.68	47.58	58.54	58.38
BW	70MHz		80MHz		90MHz		100MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	68.09	67.92	77.88	77.89	87.84	87.83	97.44	97.71
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Middle CH	68.27	67.95	77.78	77.96	87.83	87.88	97.74	97.79

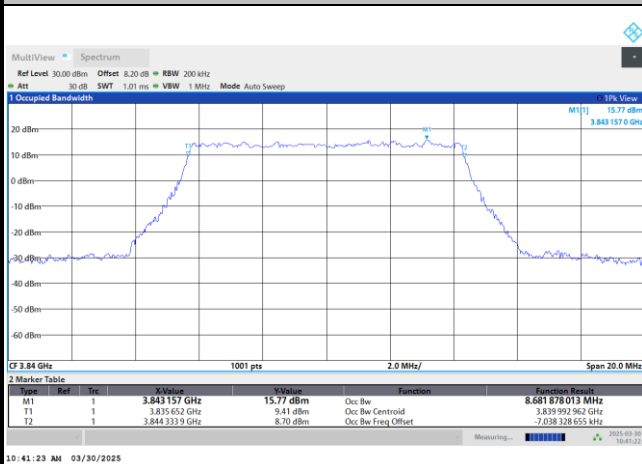
FR1 n77 / 10MHz / DFT-S OFDM / Middle Channel / Full RB

PI/2 BPSK

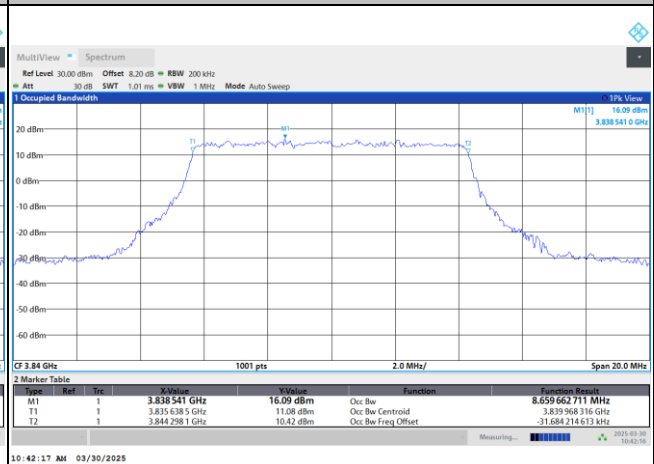


FR1 n77 / 10MHz / CP OFDM / Middle Channel / Full RB

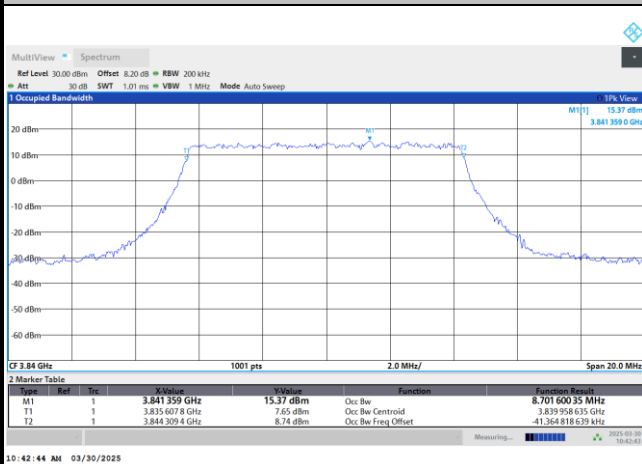
QPSK



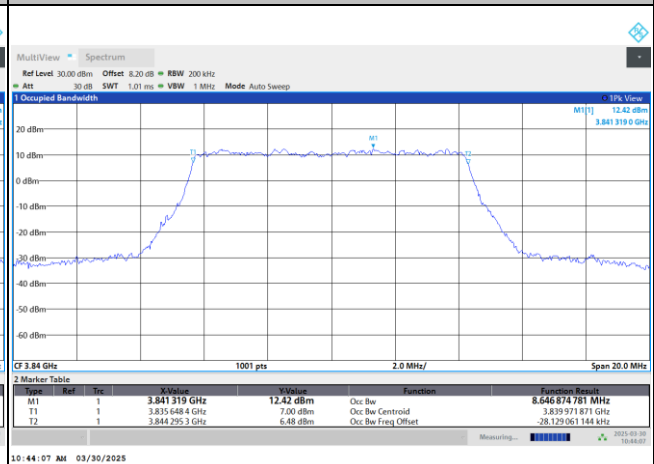
16QAM



64QAM



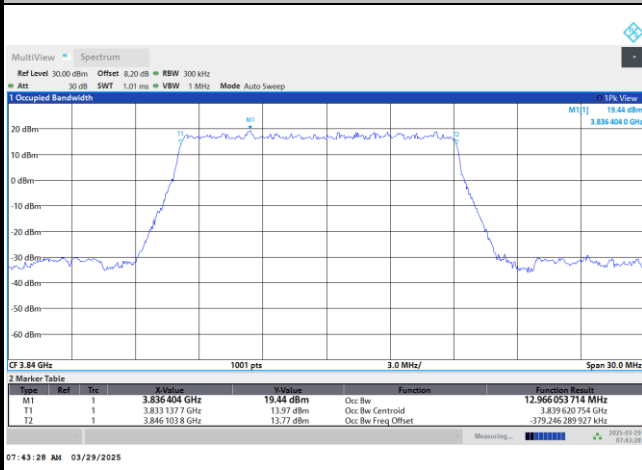
256QAM





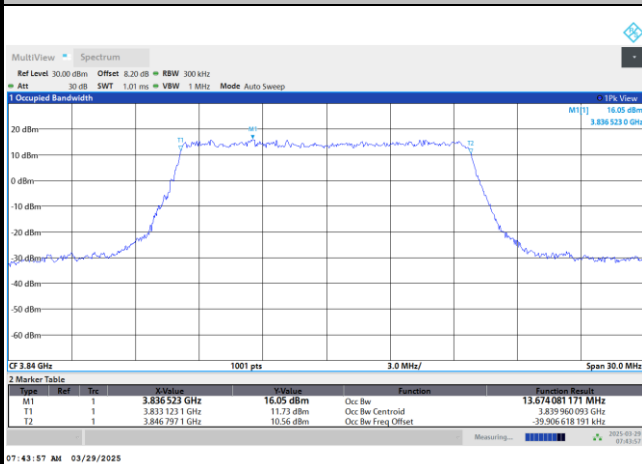
FR1 n77 / 15MHz / DFT-S OFDM / Middle Channel / Full RB

PI/2 BPSK

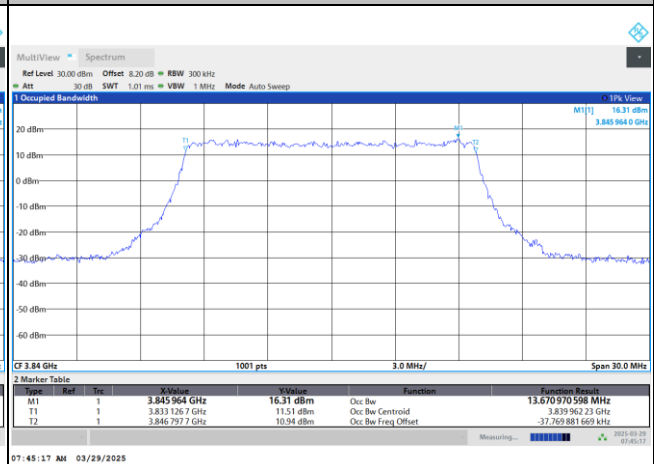


FR1 n77 / 15MHz / CP OFDM / Middle Channel / Full RB

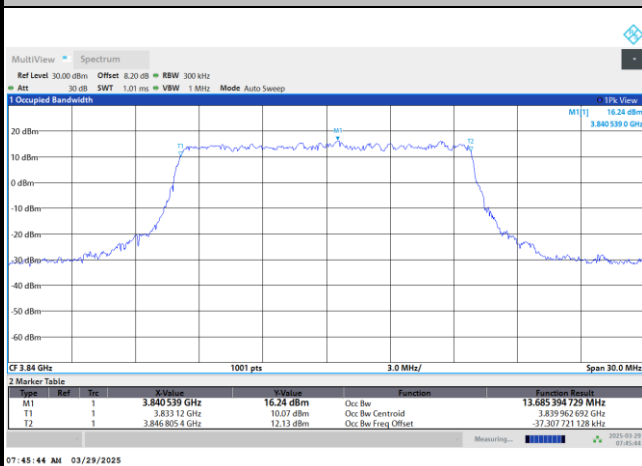
QPSK



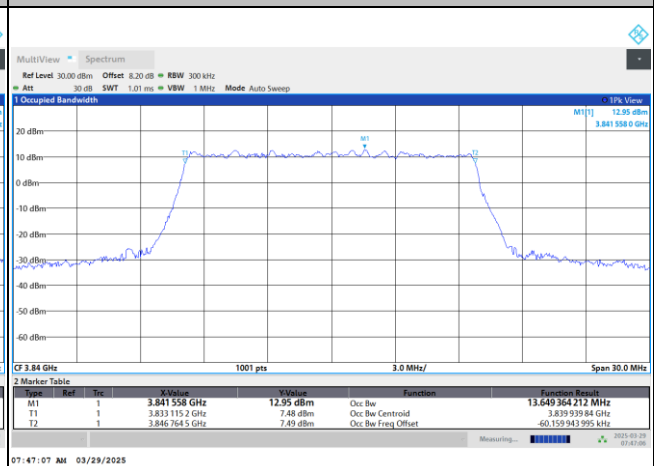
16QAM



64QAM



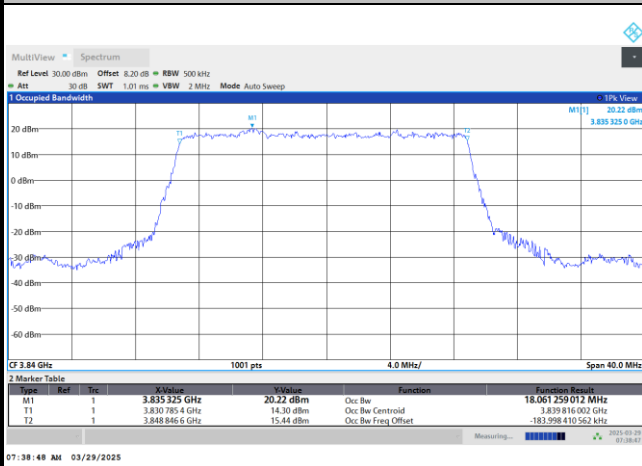
256QAM





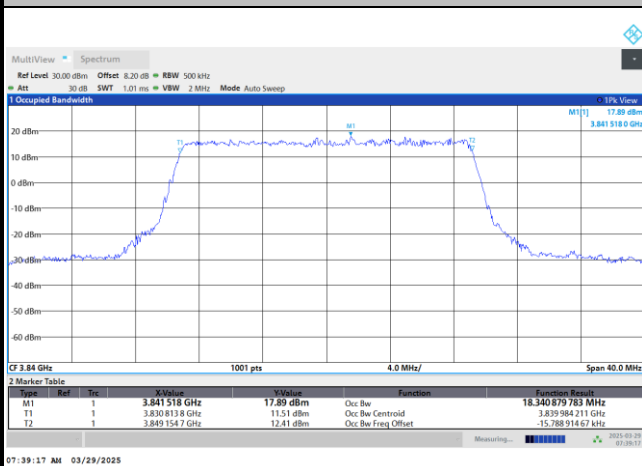
FR1 n77 / 20MHz / DFT-S OFDM / Middle Channel / Full RB

PI/2 BPSK

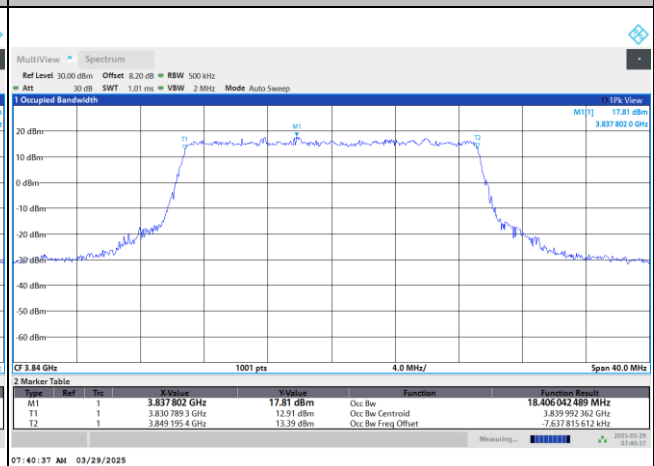


FR1 n77 / 20MHz / CP OFDM / Middle Channel / Full RB

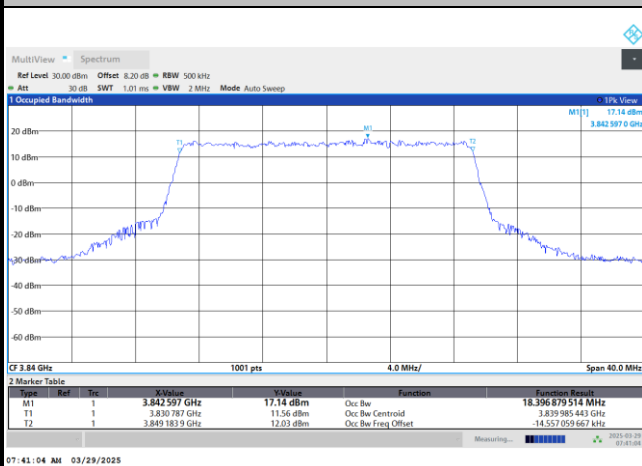
QPSK



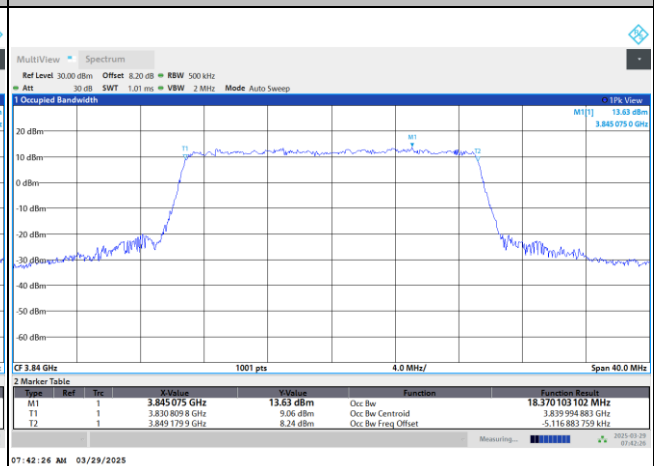
16QAM



64QAM

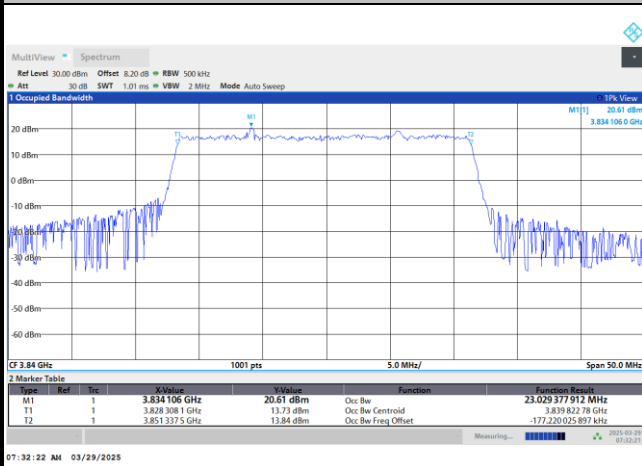


256QAM



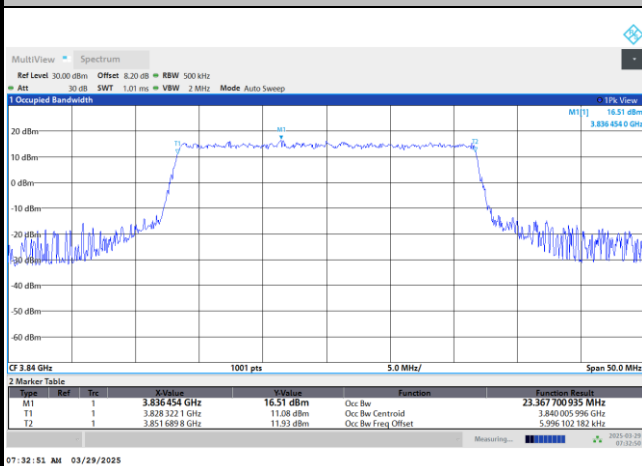
FR1 n77 / 25MHz / DFT-S OFDM / Middle Channel / Full RB

PI/2 BPSK

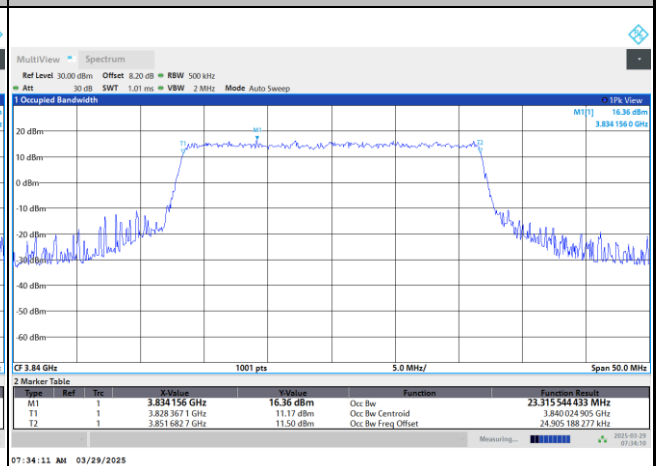


FR1 n77 / 25MHz / CP OFDM / Middle Channel / Full RB

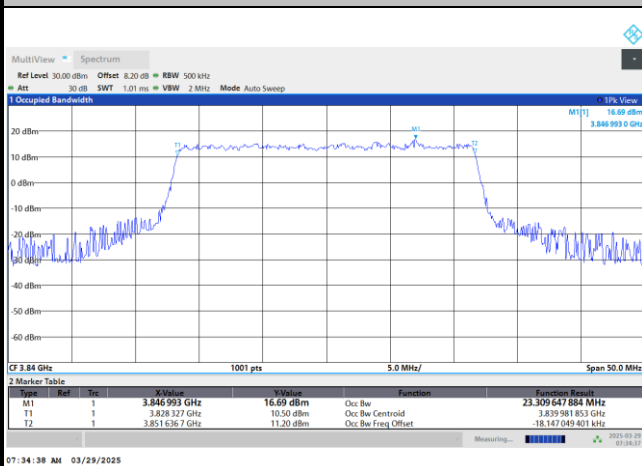
QPSK



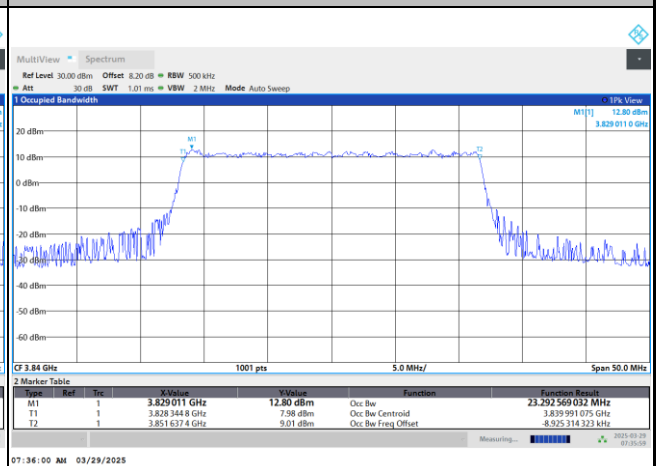
16QAM



64QAM

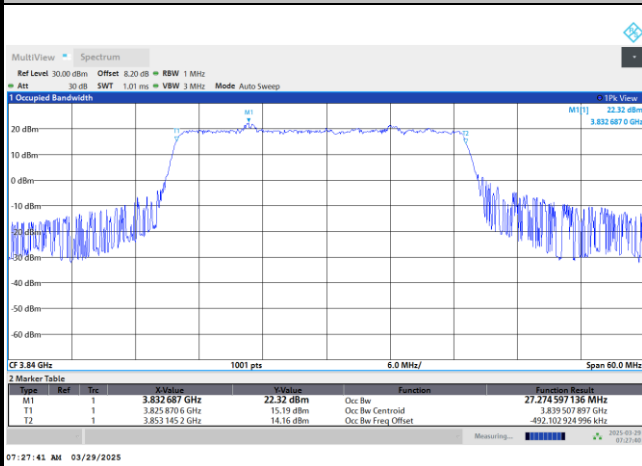


256QAM



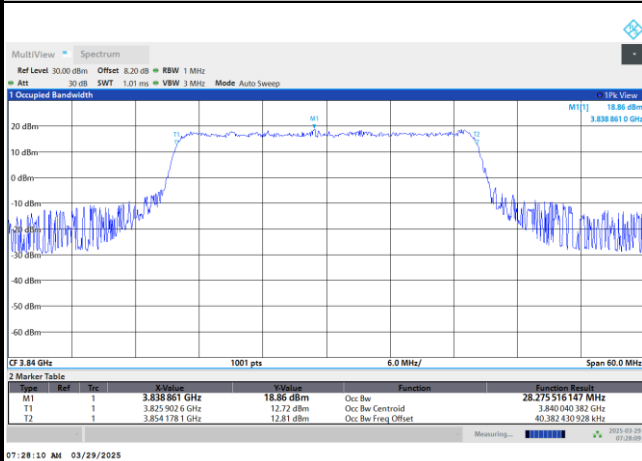
FR1 n77 / 30MHz / DFT-S OFDM / Middle Channel / Full RB

PI/2 BPSK

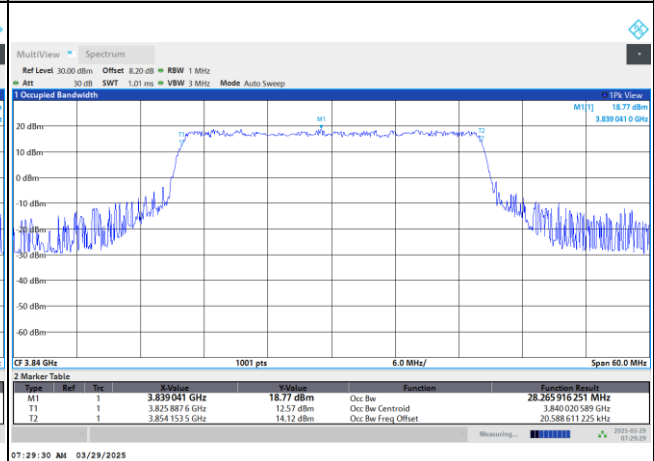


FR1 n77 / 30MHz / CP OFDM / Middle Channel / Full RB

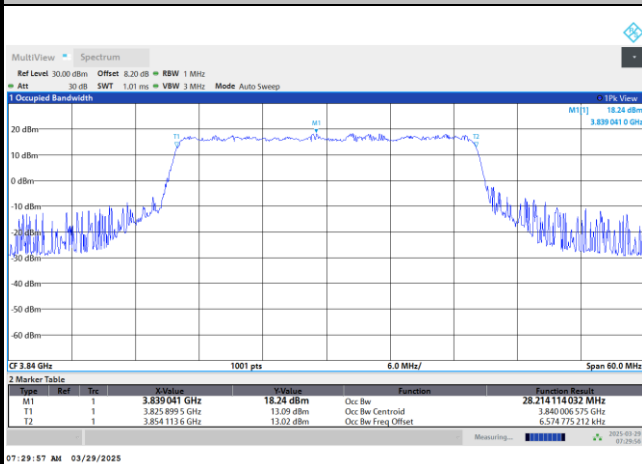
QPSK



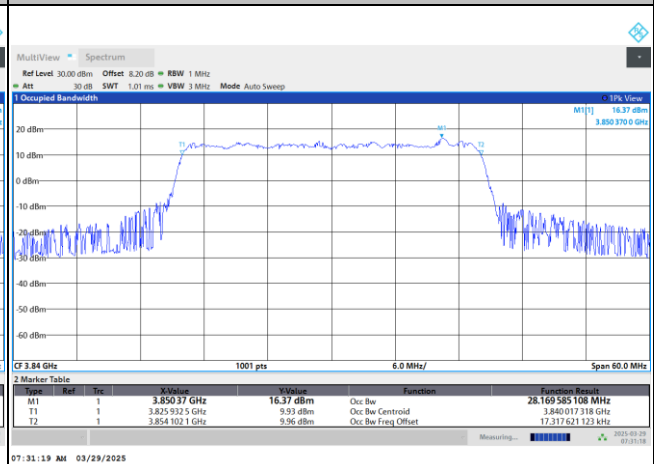
16QAM



64QAM

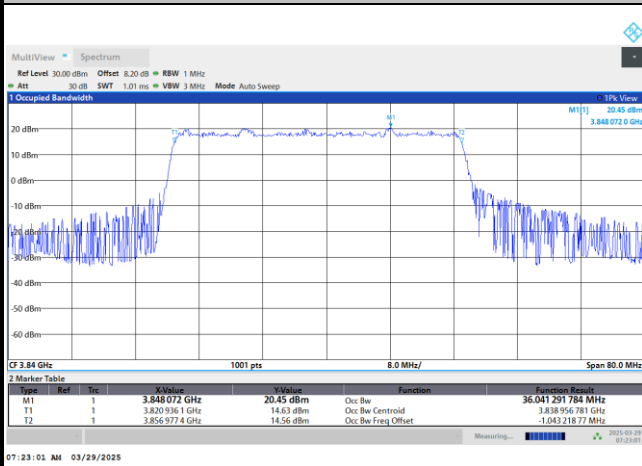


256QAM



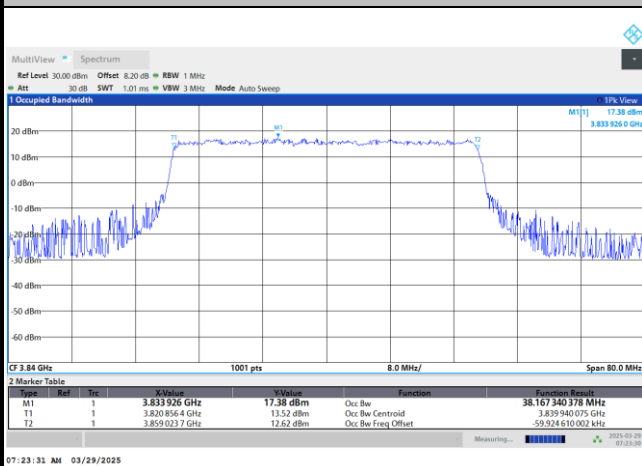
FR1 n77 / 40MHz / DFT-S OFDM / Middle Channel / Full RB

PI/2 BPSK

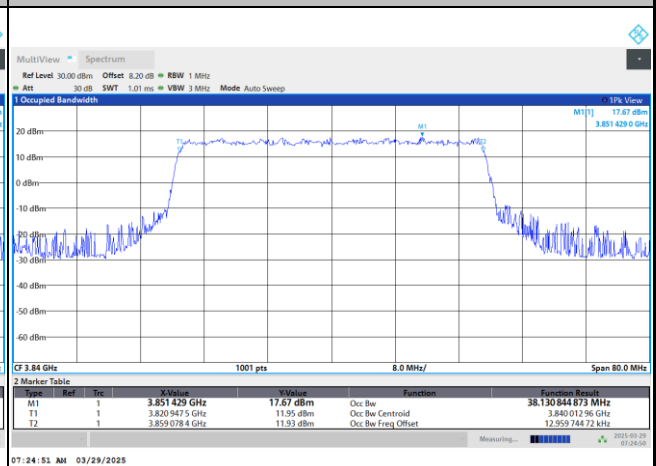


FR1 n77 / 40MHz / CP OFDM / Middle Channel / Full RB

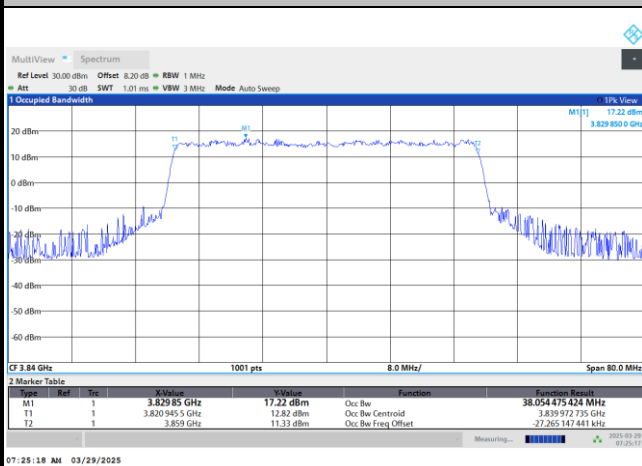
QPSK



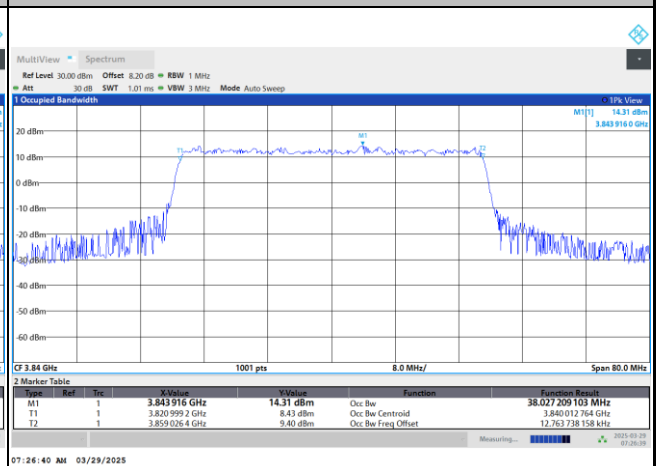
16QAM



64QAM



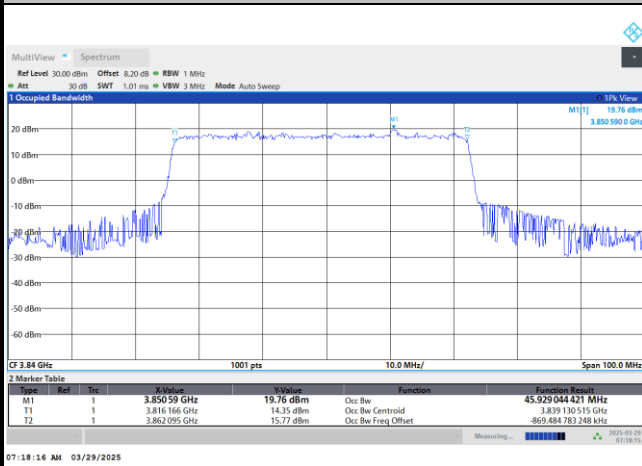
256QAM





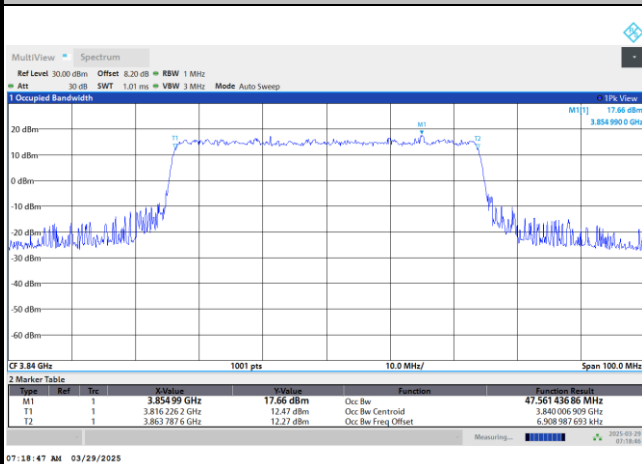
FR1 n77 / 50MHz / DFT-S OFDM / Middle Channel / Full RB

PI/2 BPSK

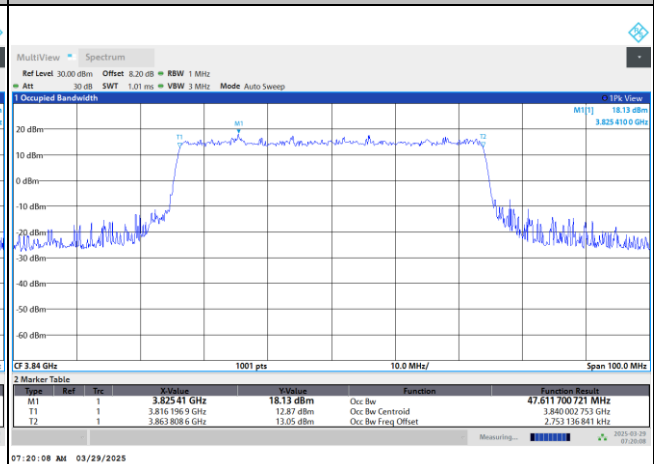


FR1 n77 / 50MHz / CP OFDM / Middle Channel / Full RB

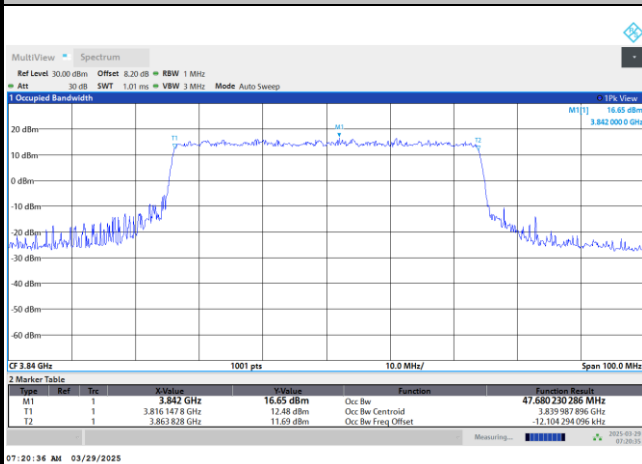
QPSK



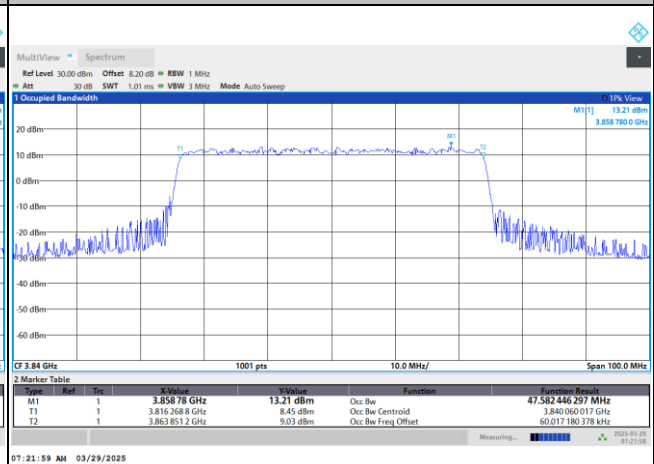
16QAM

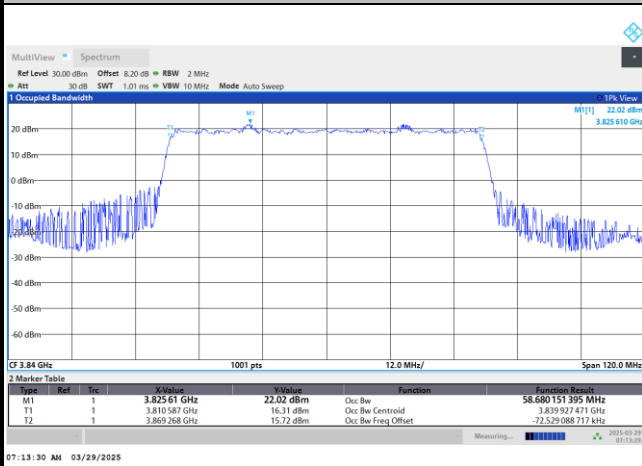
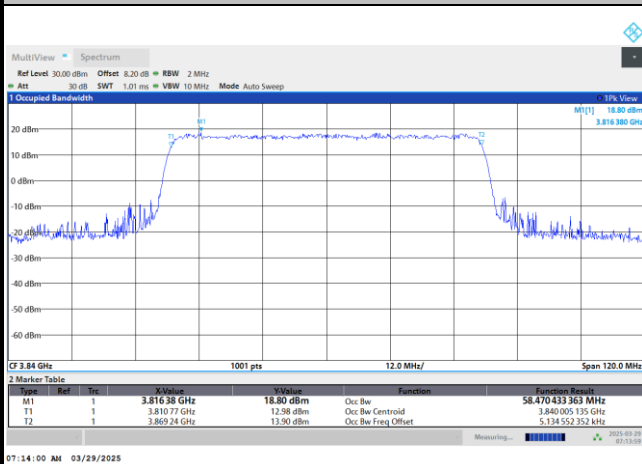
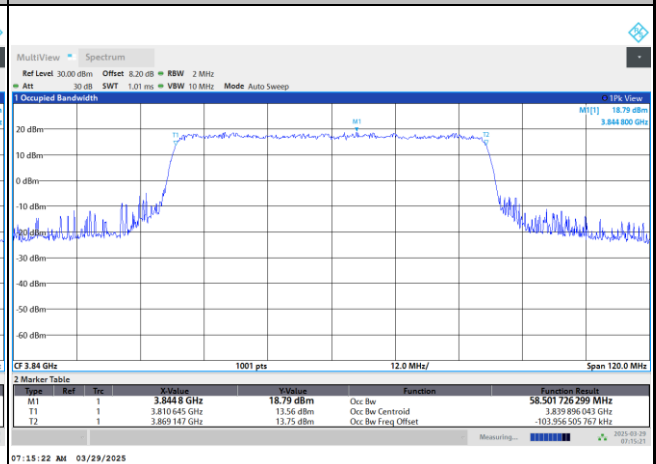
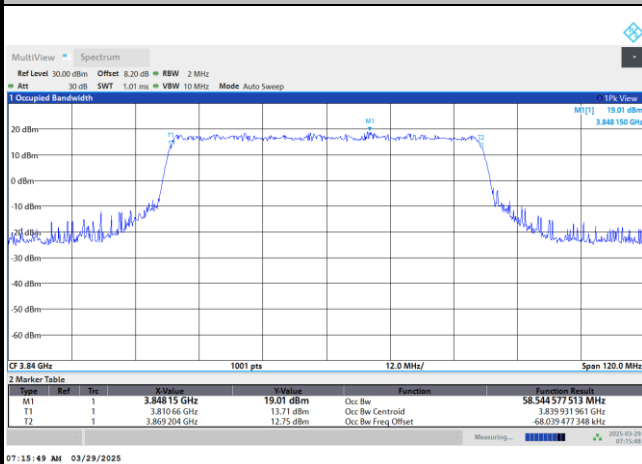
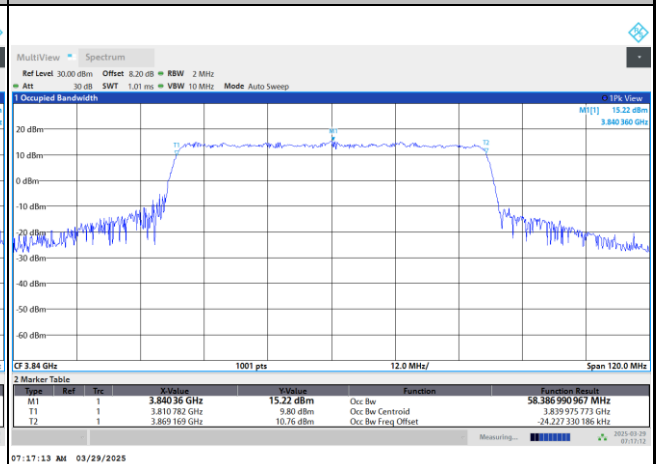


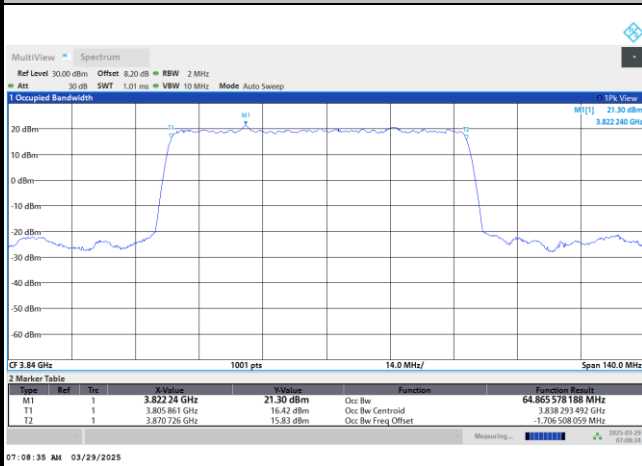
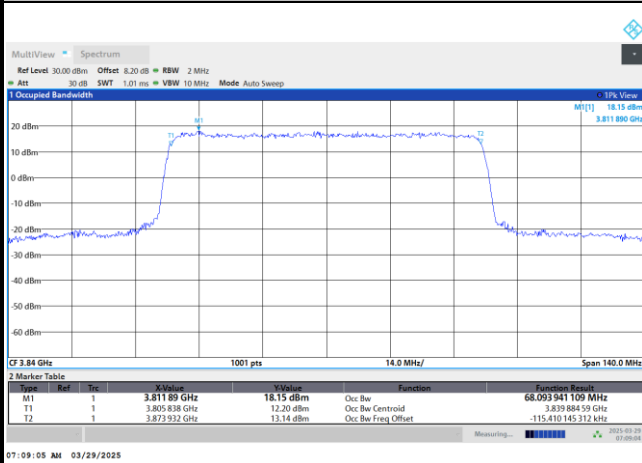
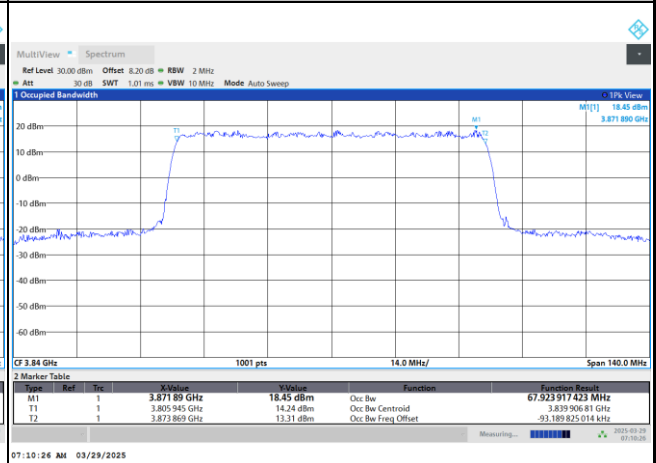
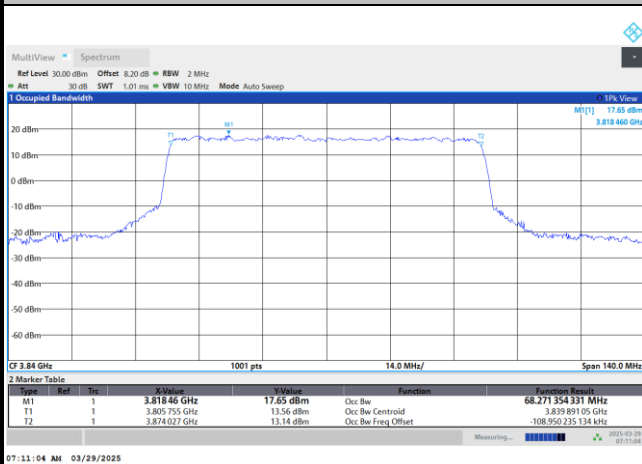
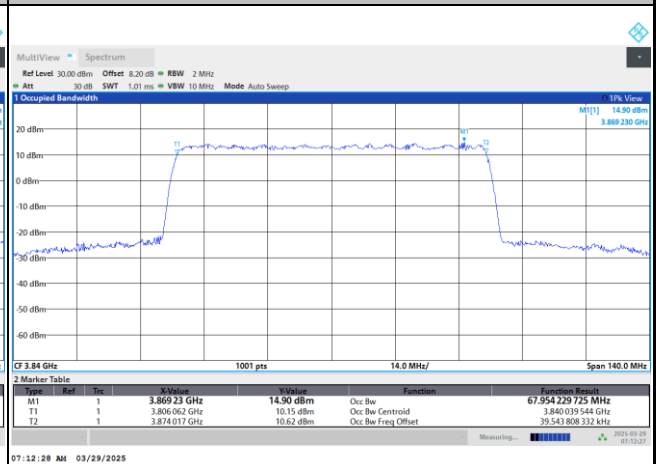
64QAM



256QAM

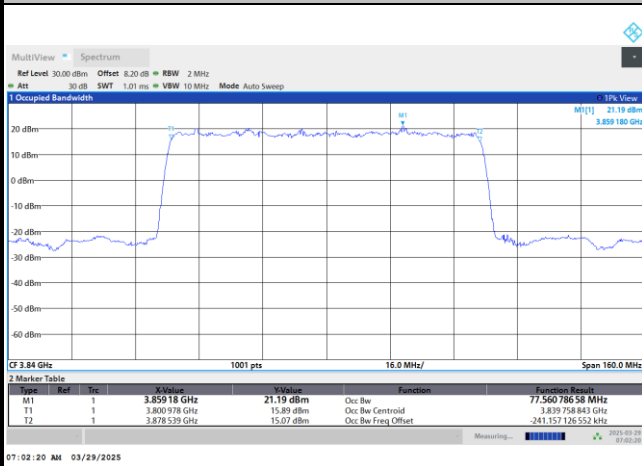


FR1 n77 / 60MHz / DFT-S OFDM / Middle Channel / Full RB
PI/2 BPSK

FR1 n77 / 60MHz / CP OFDM / Middle Channel / Full RB
QPSK

16QAM

64QAM

256QAM


FR1 n77 / 70MHz / DFT-S OFDM / Middle Channel / Full RB
PI/2 BPSK

FR1 n77 / 70MHz / CP OFDM / Middle Channel / Full RB
QPSK

16QAM

64QAM

256QAM


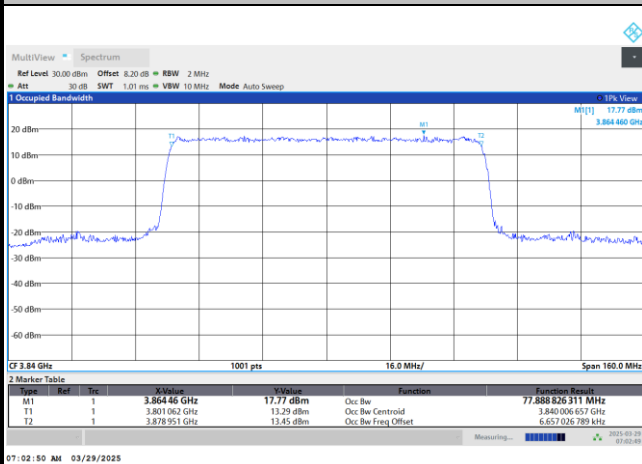
FR1 n77 / 80MHz / DFT-S OFDM / Middle Channel / Full RB

PI/2 BPSK

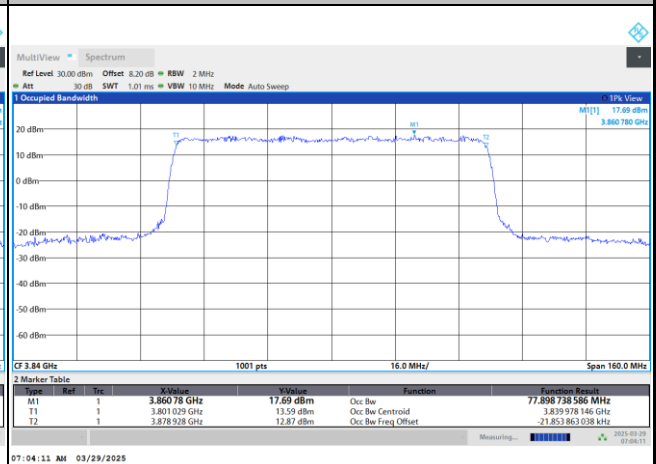


FR1 n77 / 80MHz / CP OFDM / Middle Channel / Full RB

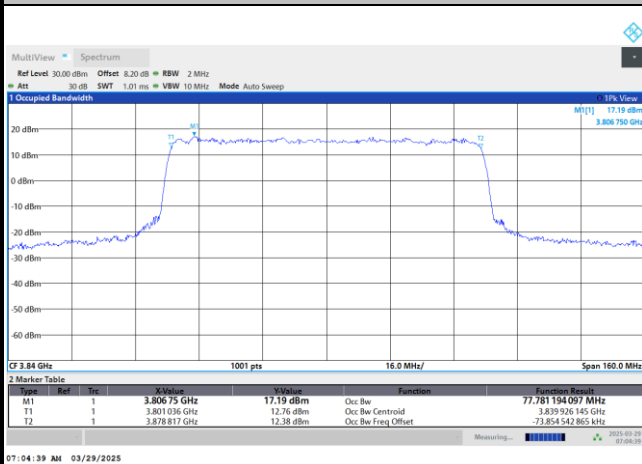
QPSK



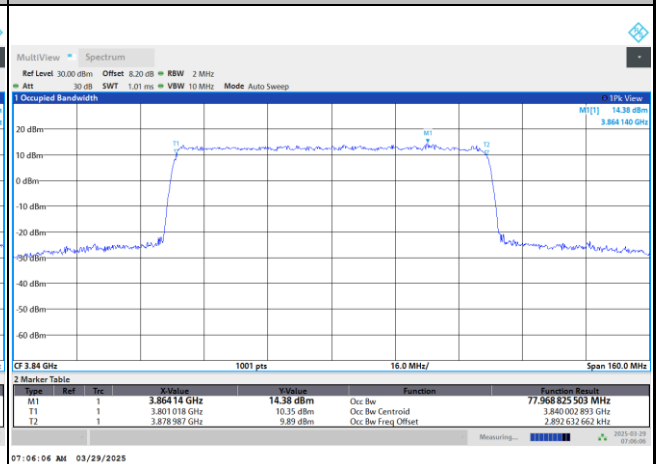
16QAM



64QAM

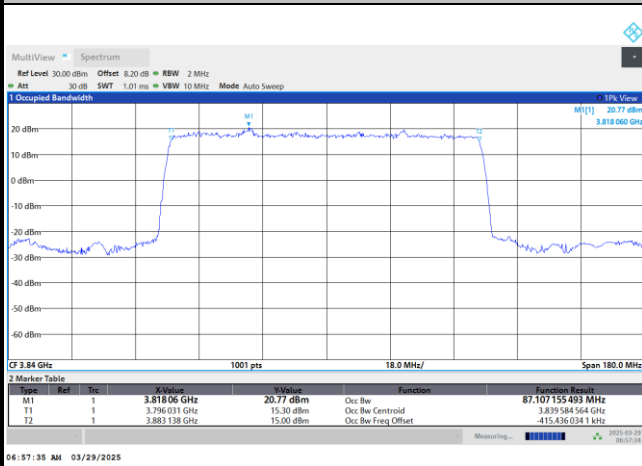


256QAM



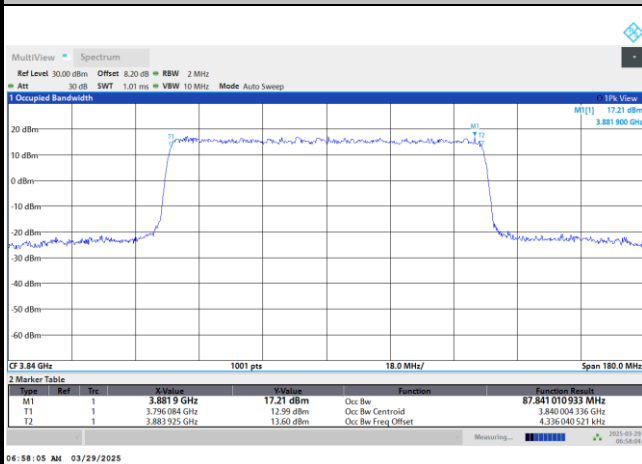
FR1 n77 / 90MHz / DFT-S OFDM / Middle Channel / Full RB

PI/2 BPSK

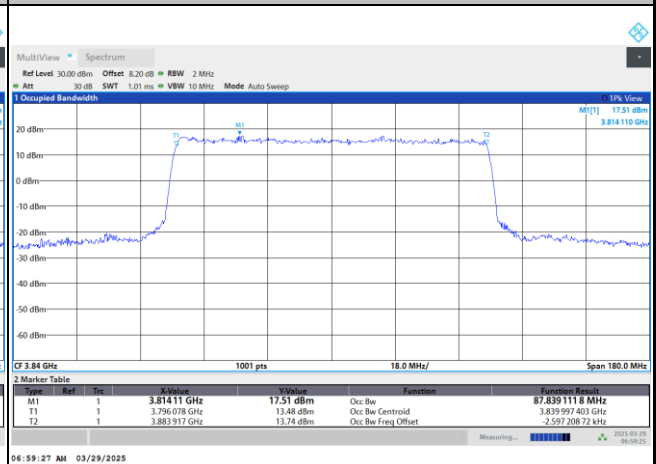


FR1 n77 / 90MHz / CP OFDM / Middle Channel / Full RB

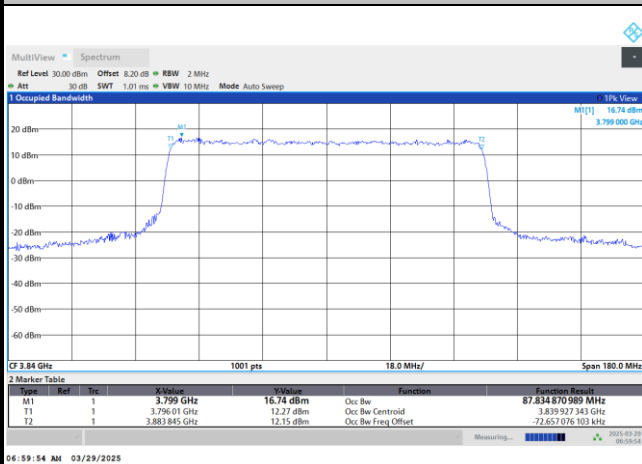
QPSK



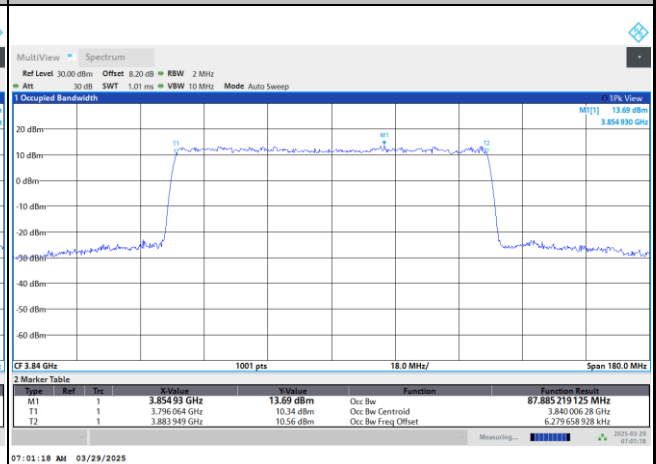
16QAM



64QAM

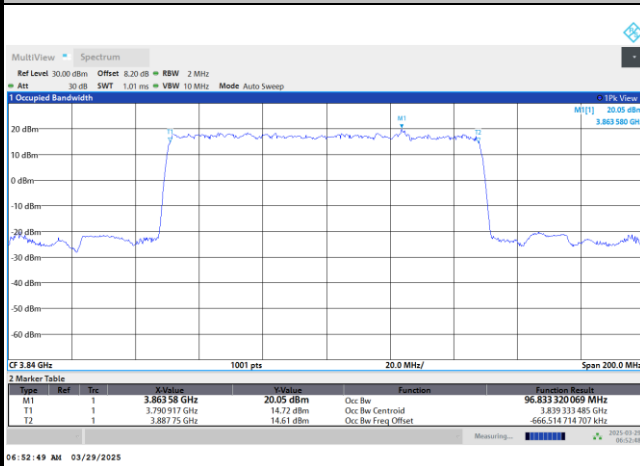


256QAM



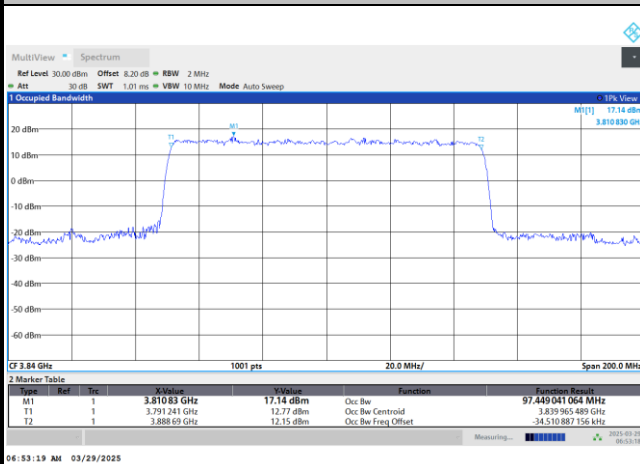
FR1 n77 / 100MHz / DFT-S OFDM / Middle Channel / Full RB

PI/2 BPSK

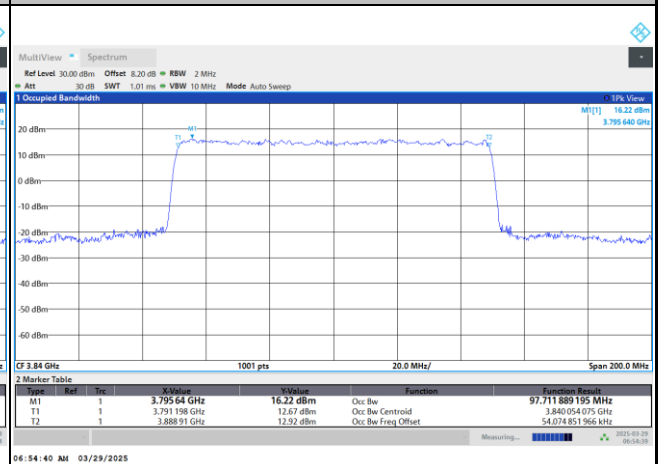


FR1 n77 / 100MHz / CP OFDM / Middle Channel / Full RB

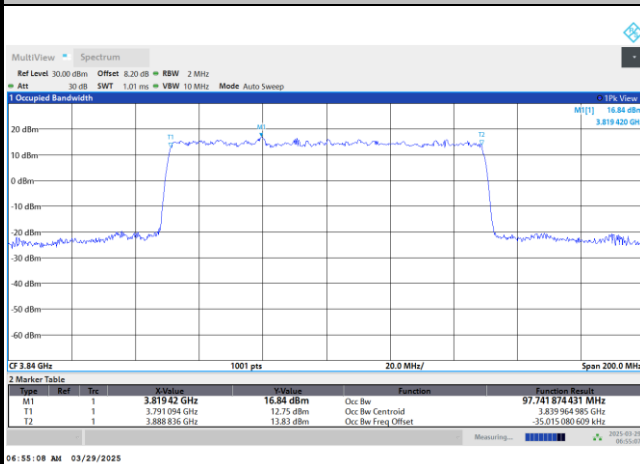
QPSK



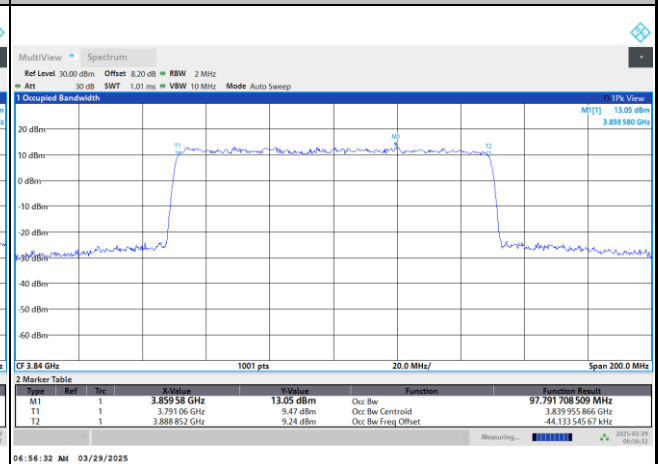
16QAM



64QAM



256QAM

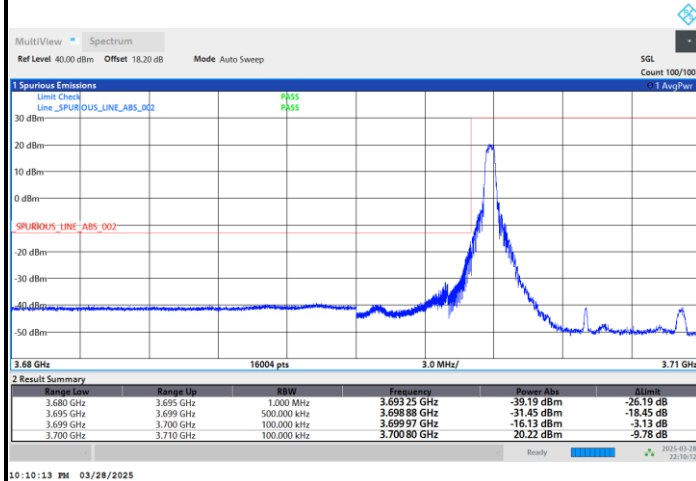




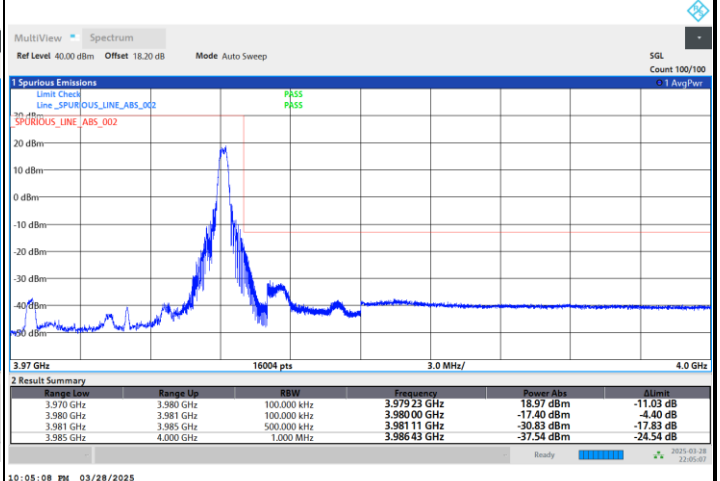
Conducted Band Edge

FR1 n77 / 10MHz / DFT-S OFDM / PI/2 BPSK

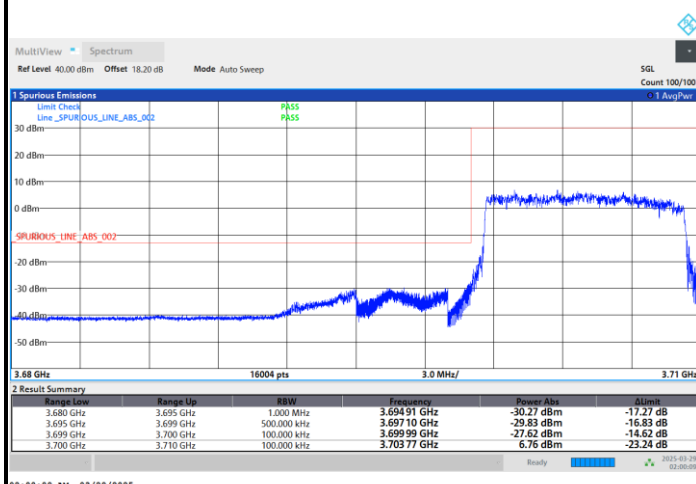
Lowest Band Edge / 1RB0



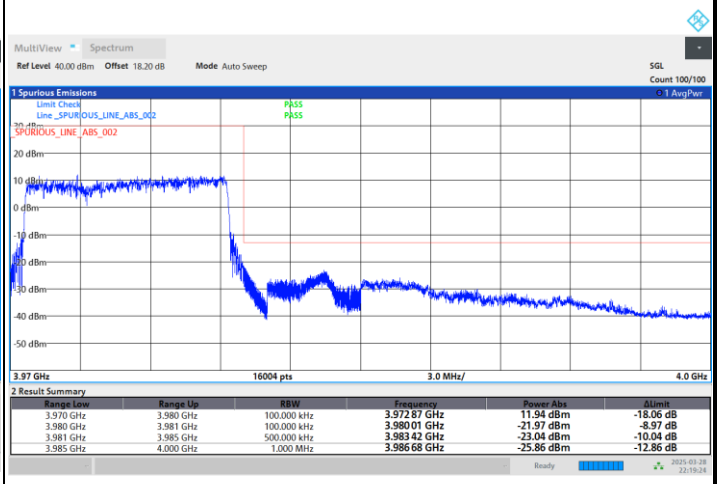
Highest Band Edge / 1RBmax



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

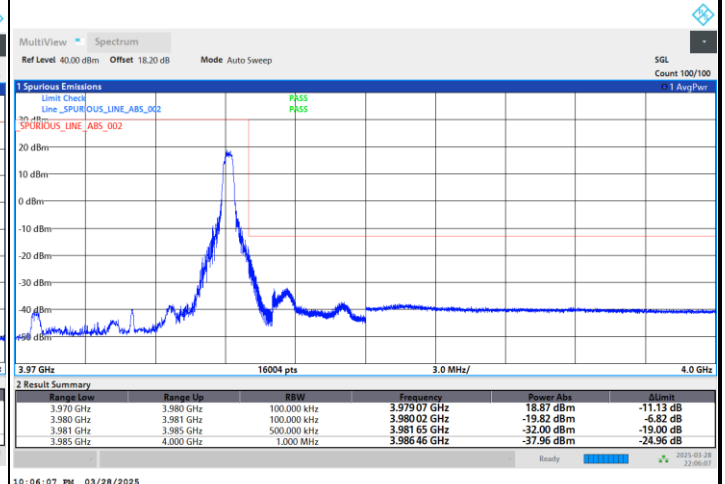
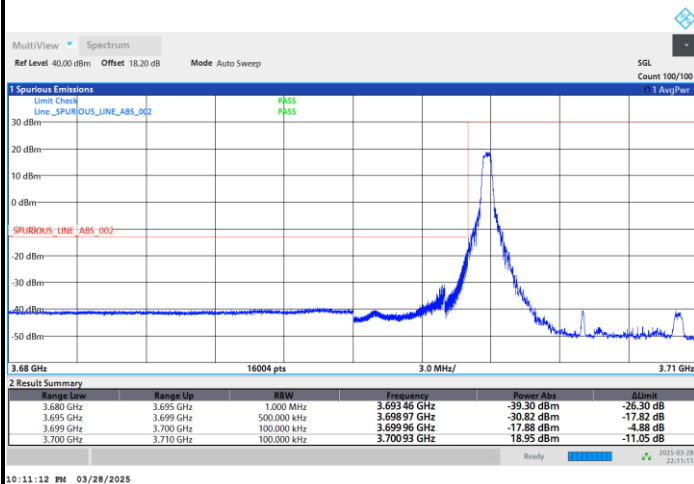




FR1 n77 / 10MHz / DFT-S OFDM / QPSK

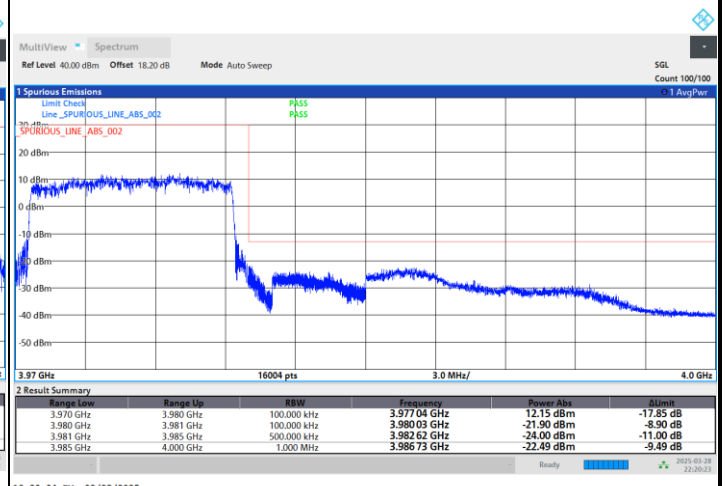
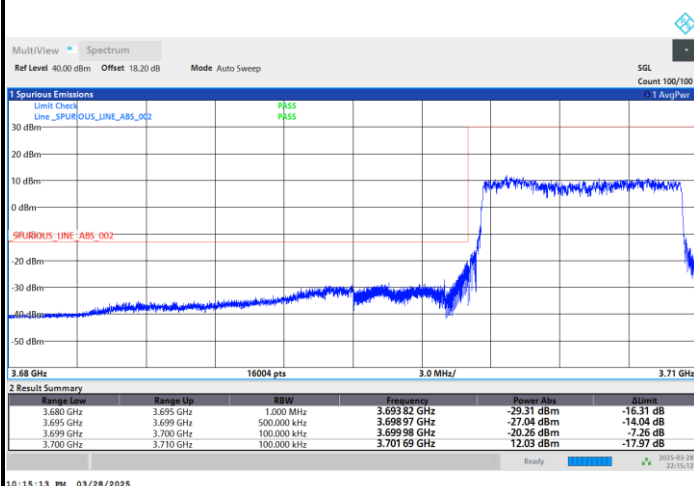
Lowest Band Edge / 1RB0

Highest Band Edge / 1RBmax



Lowest Band Edge / Full RB

Highest Band Edge / Full RB

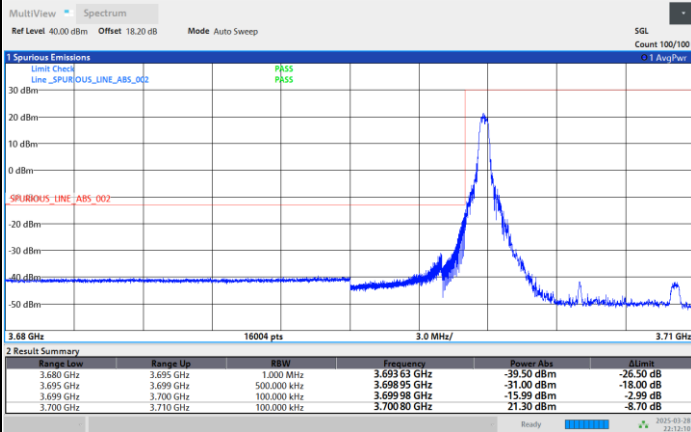




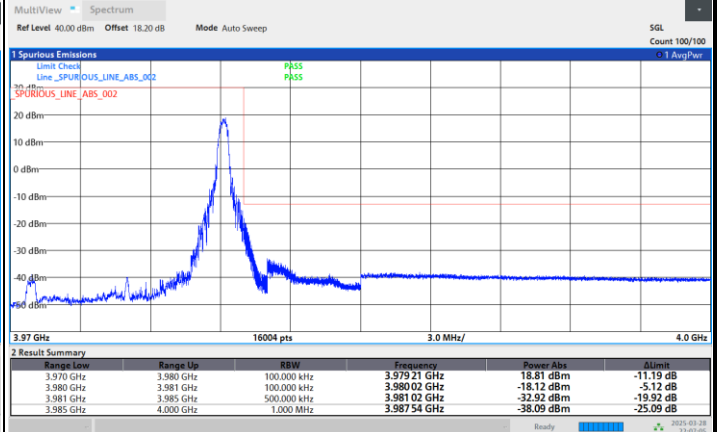
FR1 n77 / 10MHz / DFT-S OFDM / 16QAM

Lowest Band Edge / 1RB0

Highest Band Edge / 1RBmax



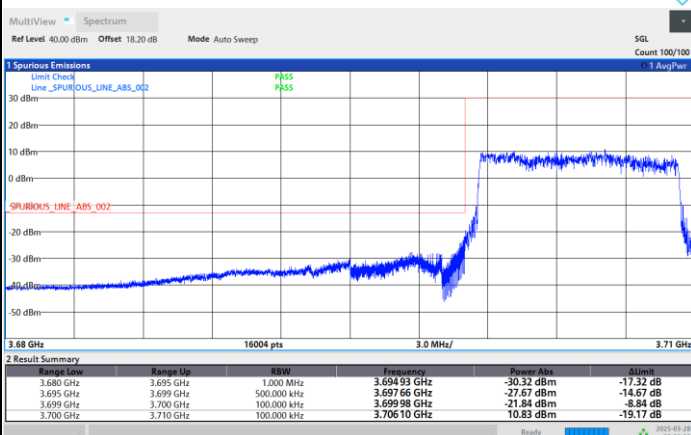
10:12:11 PM 03/28/2025



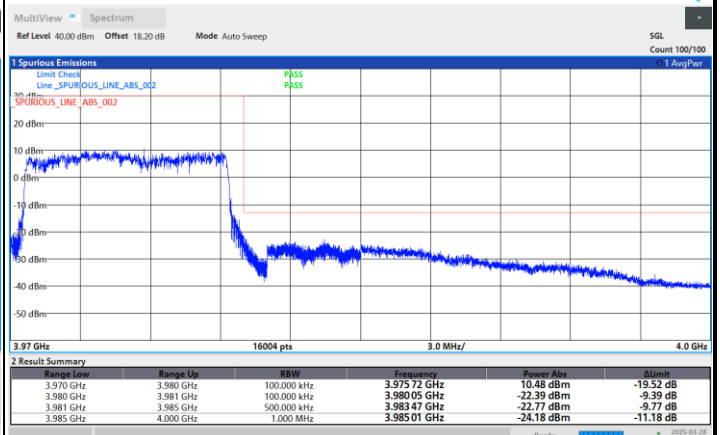
10:07:06 PM 03/28/2025

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



10:16:13 PM 03/28/2025



10:21:23 PM 03/28/2025