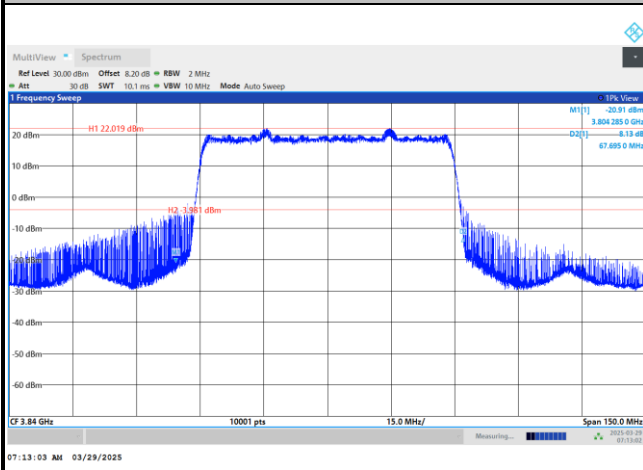
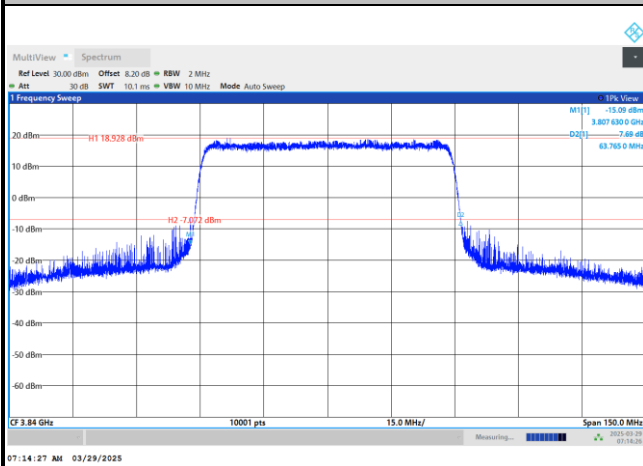
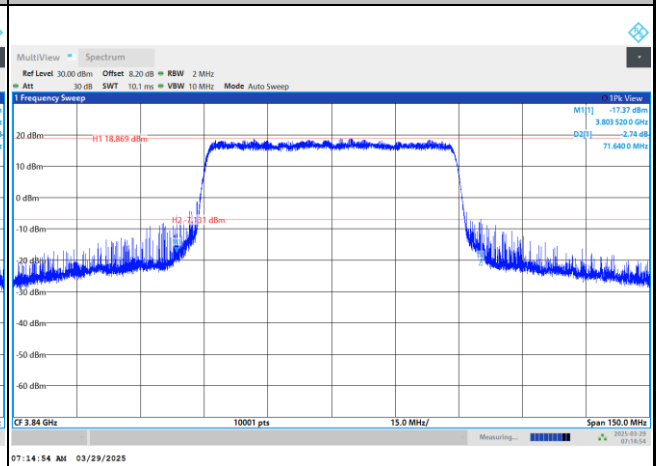
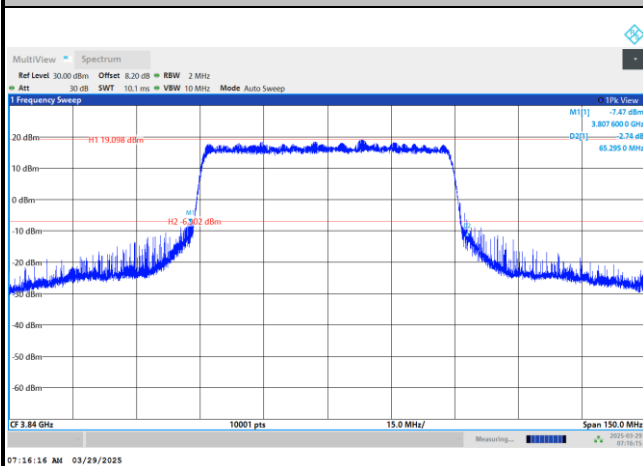
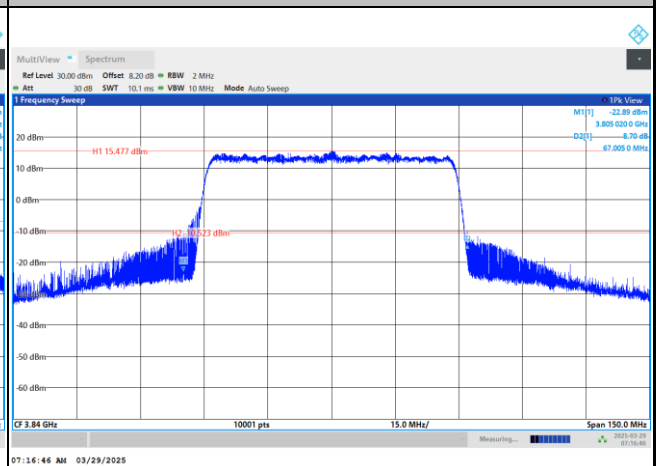
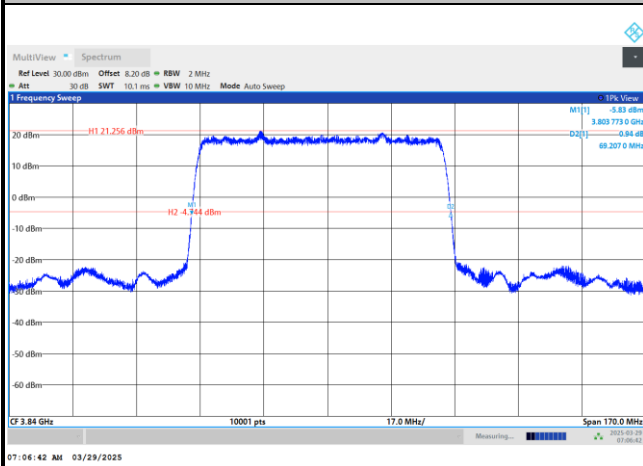


FR1 n77 / 60MHz / DFT-S OFDM / Middle Channel / Full RB
PI/2 BPSK

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

16QAM

64QAM

256QAM




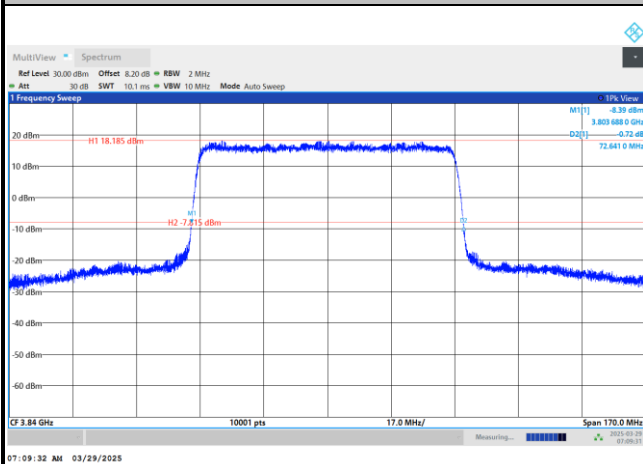
FR1 n77 / 70MHz / DFT-S OFDM / Middle Channel / Full RB

PI/2 BPSK

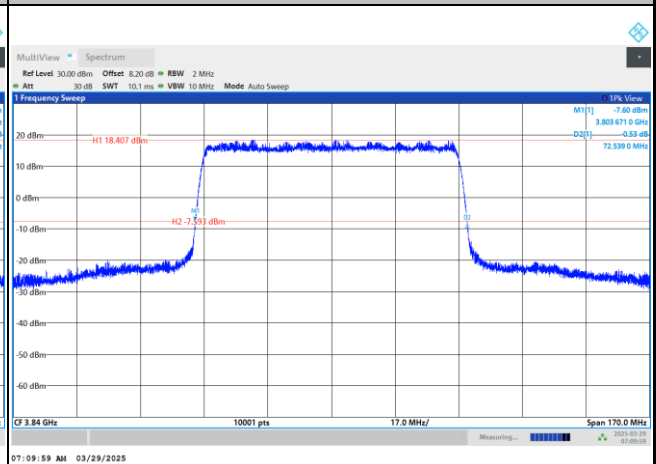


FR1 n77 / 70MHz / CP OFDM / Middle Channel / Full RB

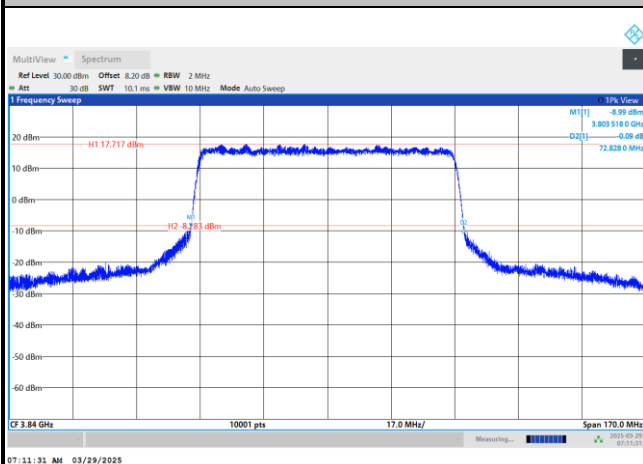
QPSK



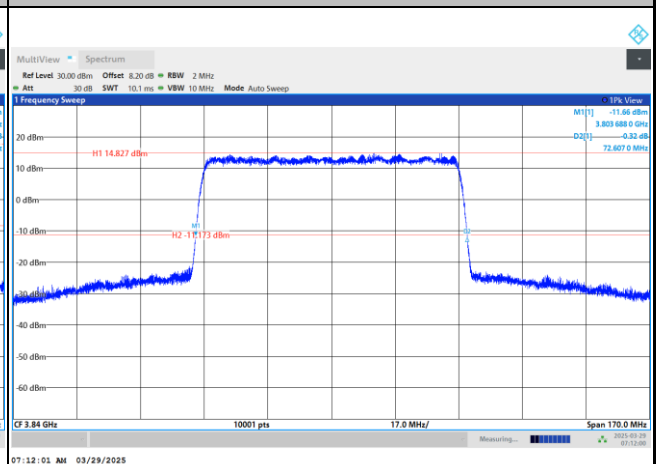
16QAM



64QAM



256QAM







MultiView Spectrum

Ref Level 30.00 dBm Offset 8.20 dB RBW 2 MHz

Att 30 dB SWT 10.1 ms VBW 10 MHz Mode Auto Sweep

1 Frequency Sweep

20 dBm

10 dBm

0 dBm

-10 dBm

-20 dBm

-30 dBm

-40 dBm

-50 dBm

-60 dBm

CF 3.84 GHz

10001 pts

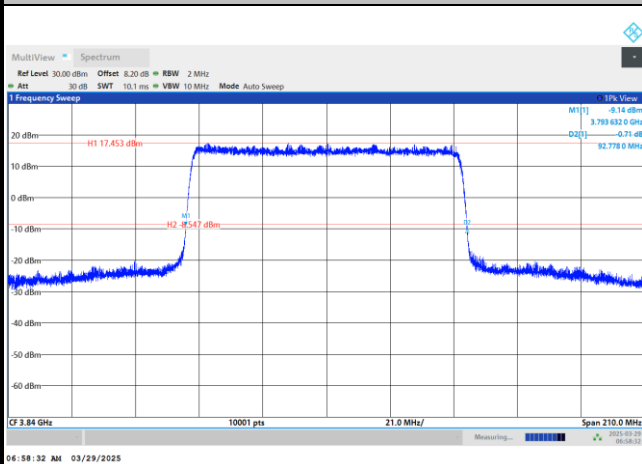
21.0 MHz

Span 210.0 MHz

Measuring

03/29/2025 08:57:08 AM

QPSK



The screenshot displays a Spectrum Analyzer interface. The main plot shows a signal spectrum with a noise floor around -30 dBm. Two distinct peaks are visible: a smaller one at 17.537 MHz (labeled H1) and a larger one at 29.463 MHz (labeled H2). The H2 peak is significantly higher, reaching approximately 15 dBm. The signal has a bandwidth of 210.0 MHz. The interface includes various control panels for settings like Reference Level, Offset, Span, and Frequency Sweep. A table on the right lists the measured peak data.

Peak Label	Frequency (MHz)	Amplitude (dBm)
H1	17.537	-8.94
H2	29.463	15.00

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

- Top Bar:** MultiView (selected), Spectrum, and a logo.
- Parameters:**
 - Ref Level: 30.00 dBm
 - Offset: 8.20 dB
 - RBW: 2 MHz
 - Att: 30 dB
 - SWT: 10.1 ms
 - VBW: 10 MHz
 - Mode: Auto Sweep
- Plot Title:** Frequency Sweep
- Plot Area:**
 - Y-axis: Power in dBm, ranging from -60 to 20.
 - X-axis: Frequency in GHz, ranging from 3.84 to 4.05.
 - Signal: A blue trace showing a signal that rises from approximately -40 dBm at 3.84 GHz to a plateau of about 15 dBm between 3.95 GHz and 4.00 GHz, then falls back to -40 dBm.
 - Markings:
 - H1 at 16.670 dBm (indicated by a red horizontal line).
 - H2 at -130 dBm (indicated by a red horizontal line).
- Right Panel:**
 - 1% View
 - M[1]: -10.97 dBm
 - M[2]: 3.799 401 G Hz
 - D[3]: -0.31 dB
 - 92.068 0 MHz
- Bottom Bar:**
 - CF 3.84 GHz
 - 10001 pts
 - 21.0 MHz/
 - Span 210.0 MHz
 - Measuring... (with a progress bar)
 - 03/29/2025 07:00:21

MultiView Spectrum

Ref Level 30.00 dBm Offset 8.20 dB RBW 2 MHz

Att 30 dB SWT 10.1 ms VBW 10 MHz Mode Auto Sweep

1 Frequency Sweep

CF 3.84 GHz 10001 pts 21.0 MHz/Hz Span 210.0 MHz

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

M1 14.000 dBm
M2 -12.000 dBm

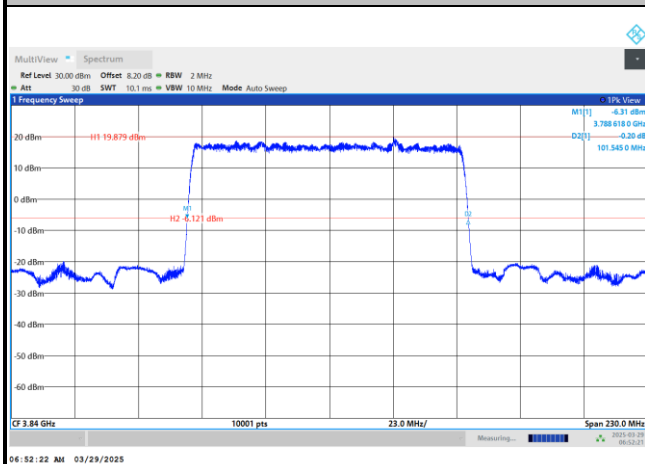
M1: -12.08 dBm
3.789 716 GHz
D201: 0.42 dB
92.547 GHz

07:00:51 AM 03/29/2025



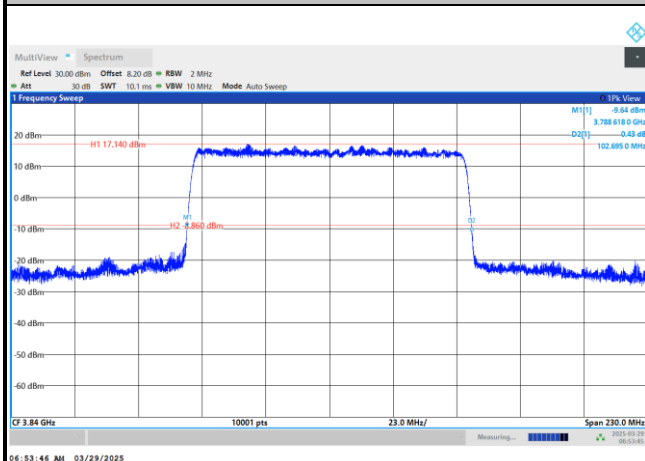
FR1 n77 / 100MHz / DFT-S OFDM / Middle Channel / Full RB

PI/2 BPSK

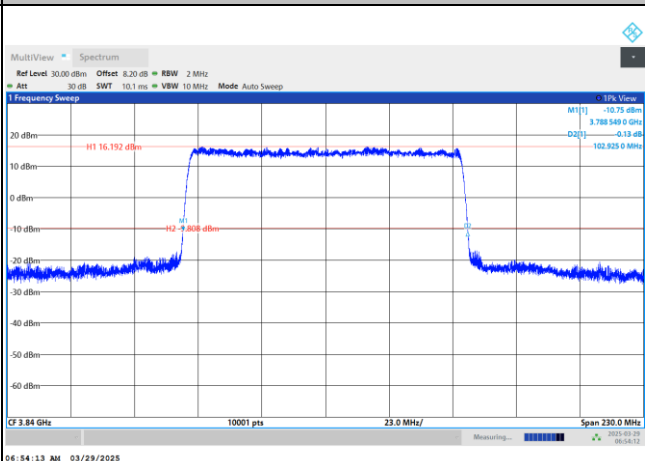


FR1 n77 / 100MHz / CP OFDM / Middle Channel / Full RB

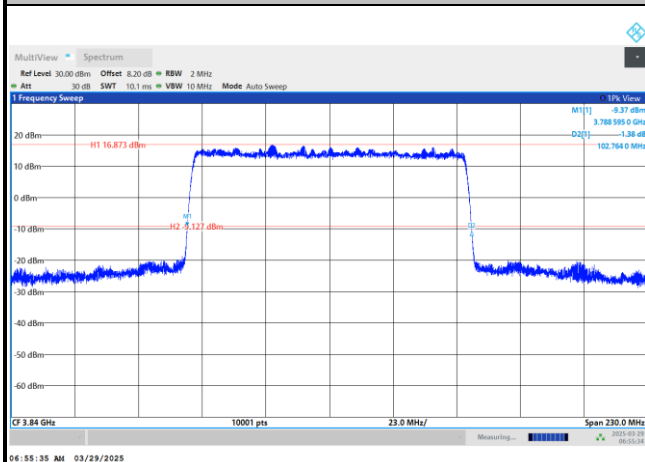
QPSK



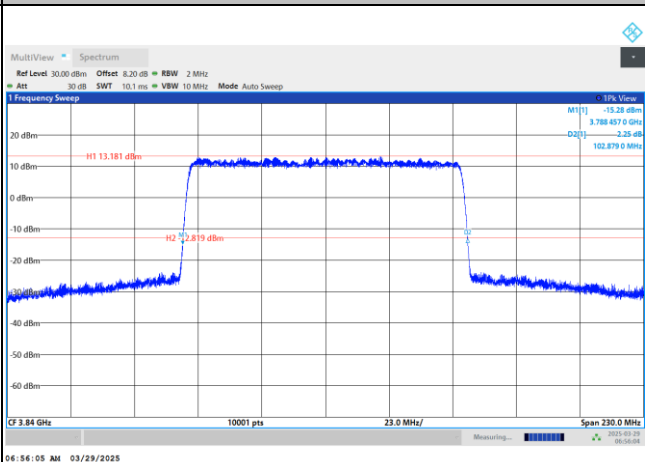
16QAM



64QAM



256QAM



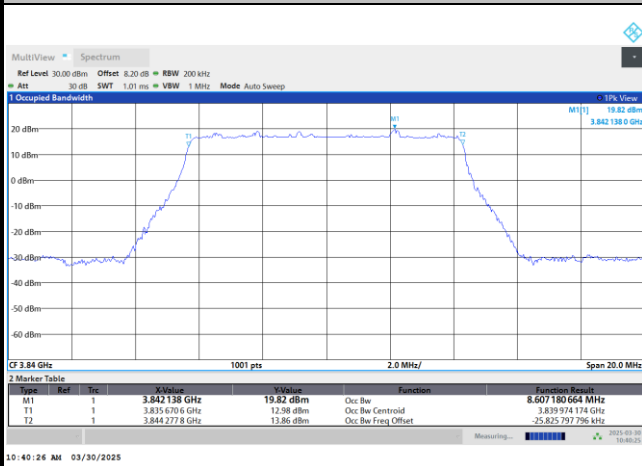
**Occupied Bandwidth**

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

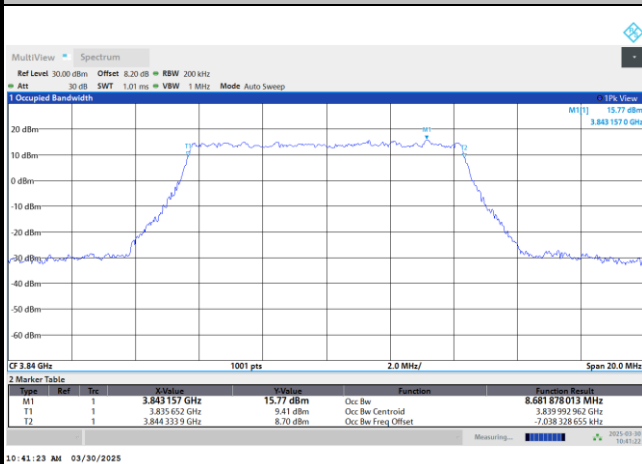
FR1 n77 / 10MHz / DFT-S OFDM / Middle Channel / Full RB

PI/2 BPSK

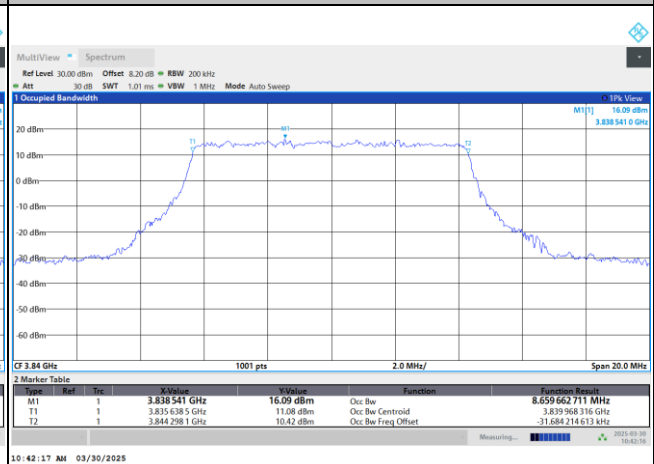


FR1 n77 / 10MHz / CP OFDM / Middle Channel / Full RB

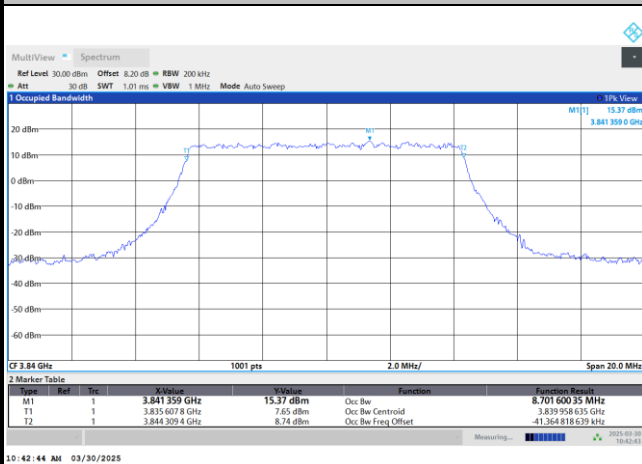
QPSK



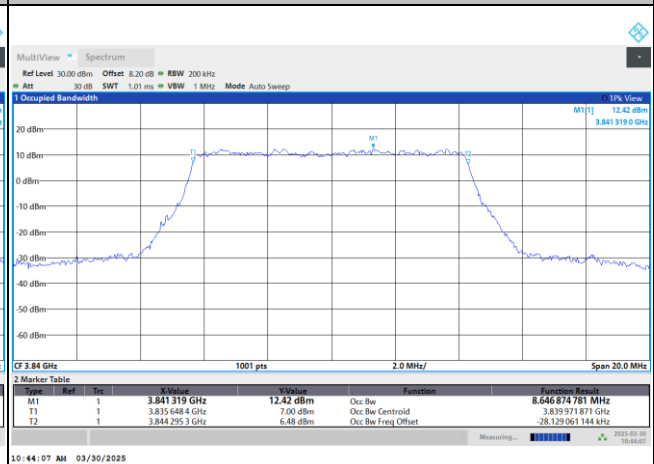
16QAM



64QAM



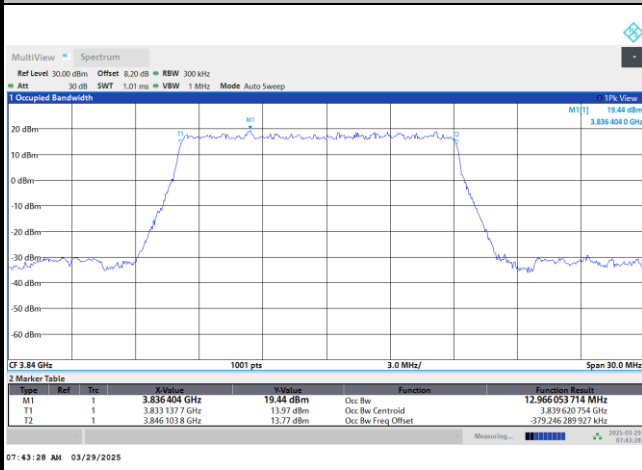
256QAM





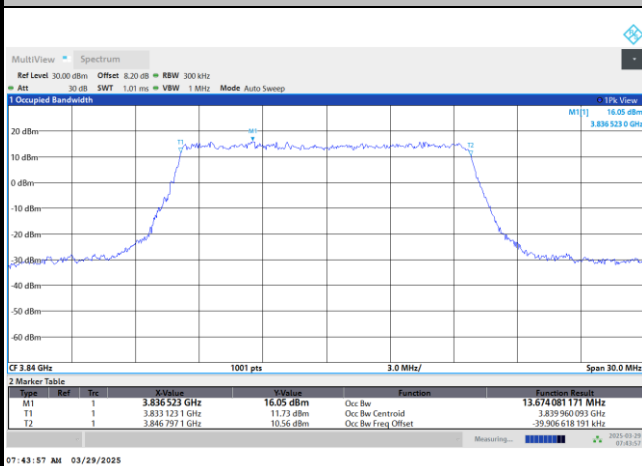
FR1 n77 / 15MHz / DFT-S OFDM / Middle Channel / Full RB

PI/2 BPSK

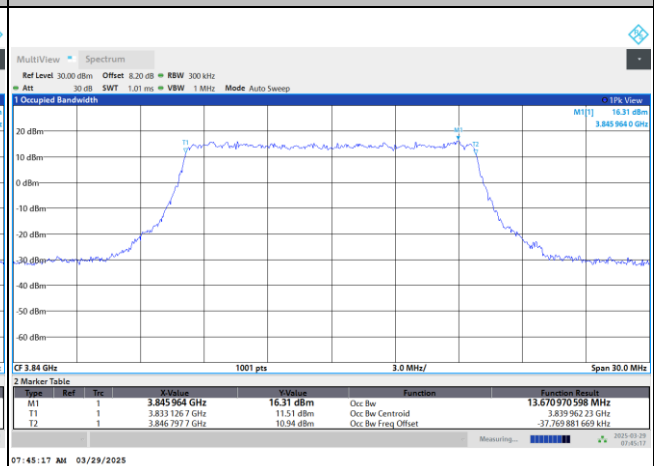


FR1 n77 / 15MHz / CP OFDM / Middle Channel / Full RB

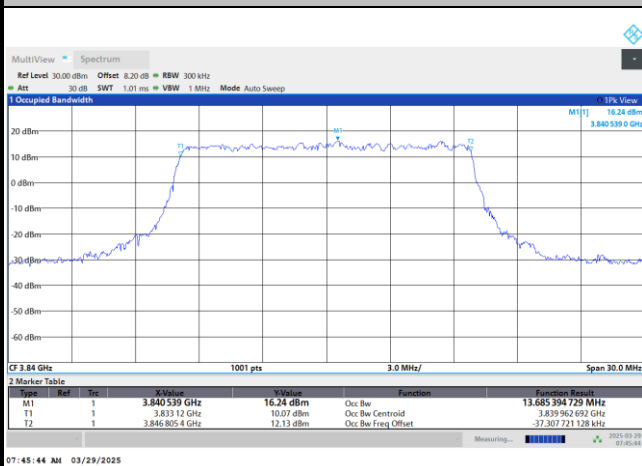
QPSK



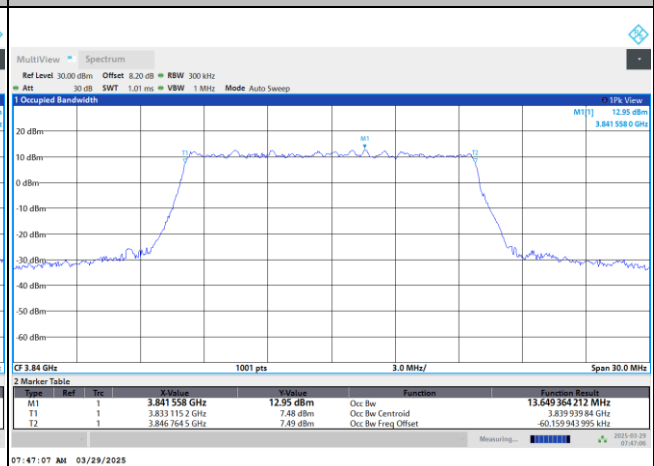
16QAM



64QAM



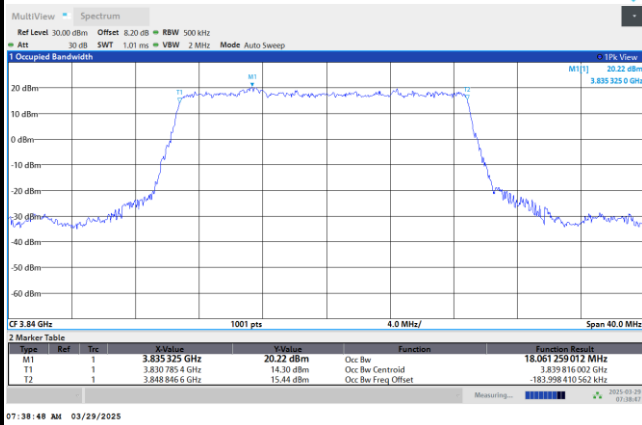
256QAM





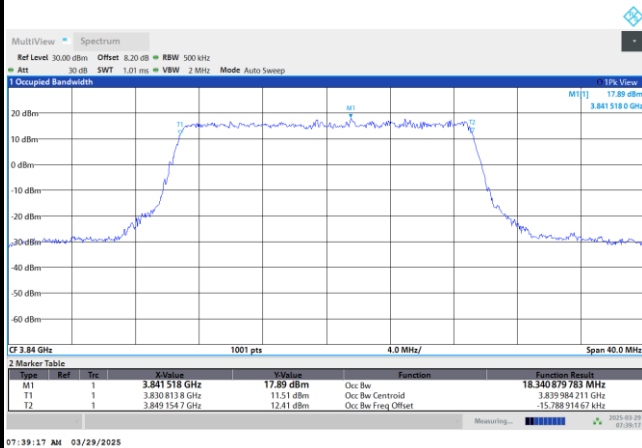
FR1 n77 / 20MHz / DFT-S OFDM / Middle Channel / Full RB

PI/2 BPSK

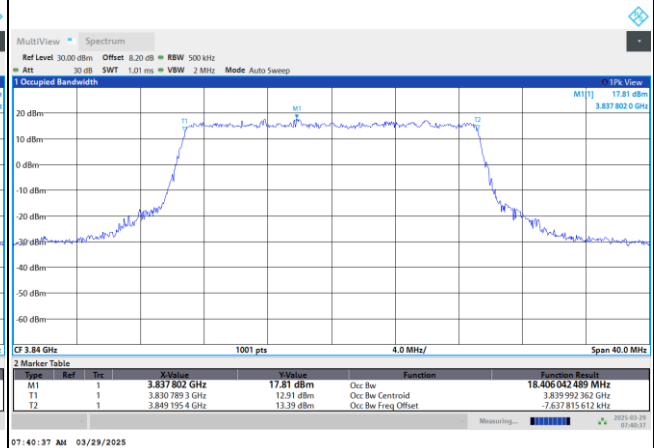


FR1 n77 / 20MHz / CP OFDM / Middle Channel / Full RB

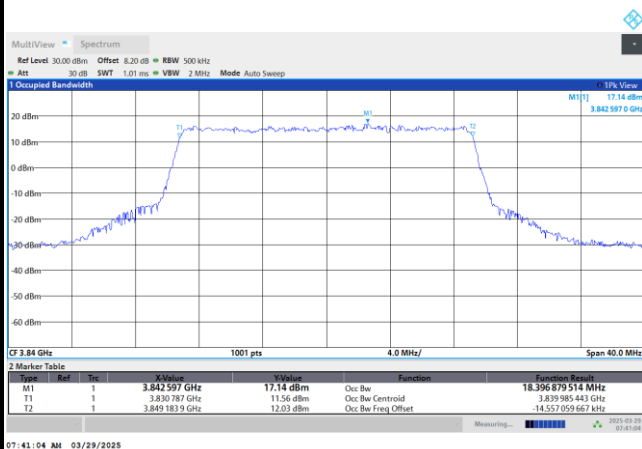
QPSK



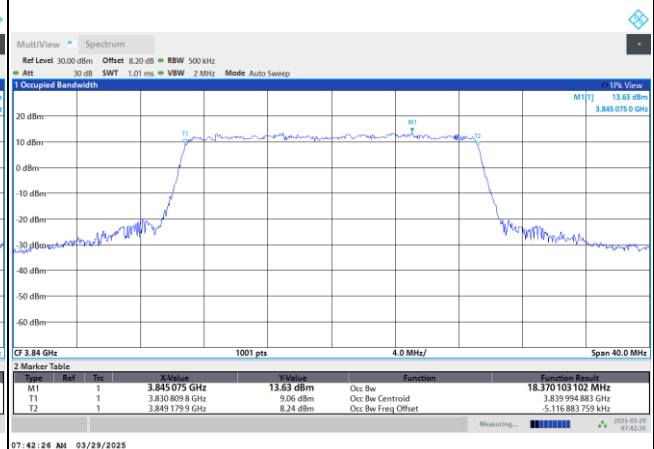
16QAM



64QAM

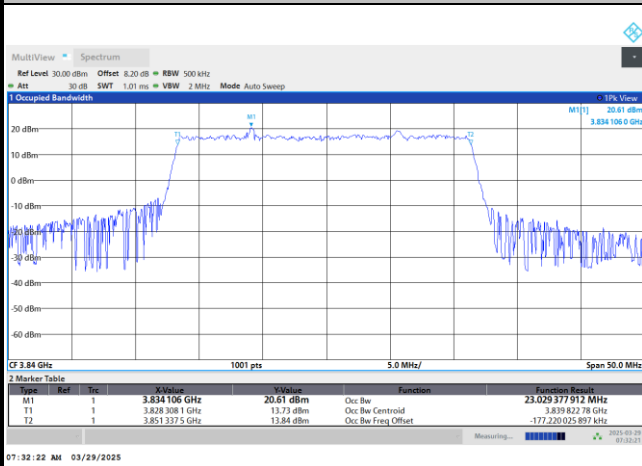


256QAM



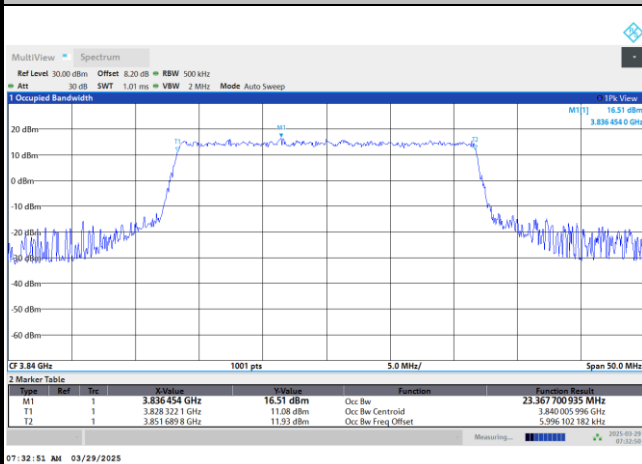
FR1 n77 / 25MHz / DFT-S OFDM / Middle Channel / Full RB

PI/2 BPSK

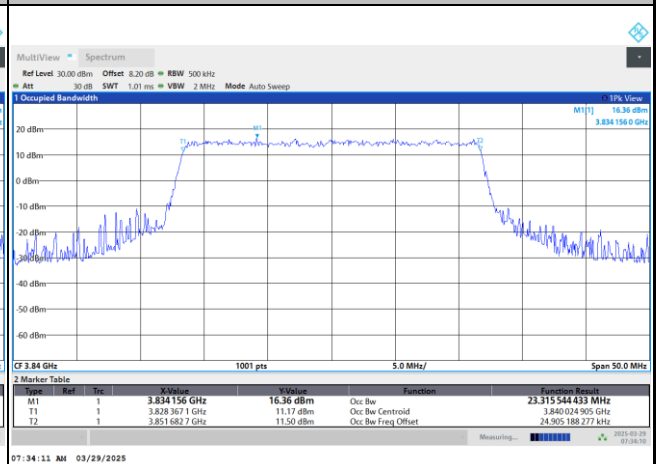


FR1 n77 / 25MHz / CP OFDM / Middle Channel / Full RB

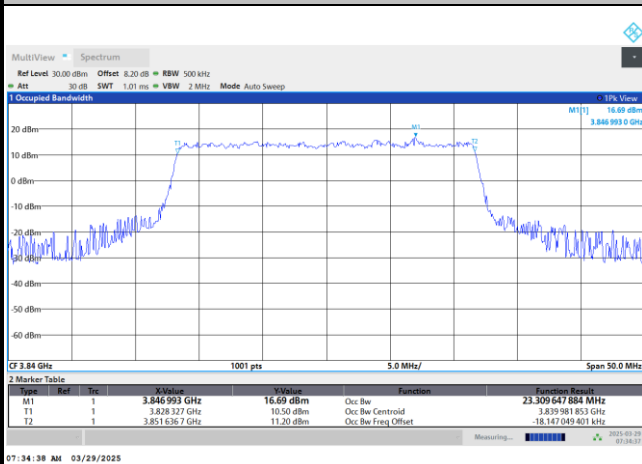
QPSK



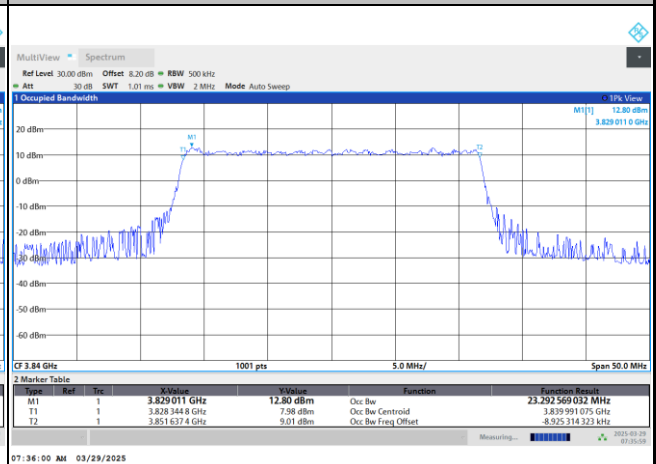
16QAM



64QAM

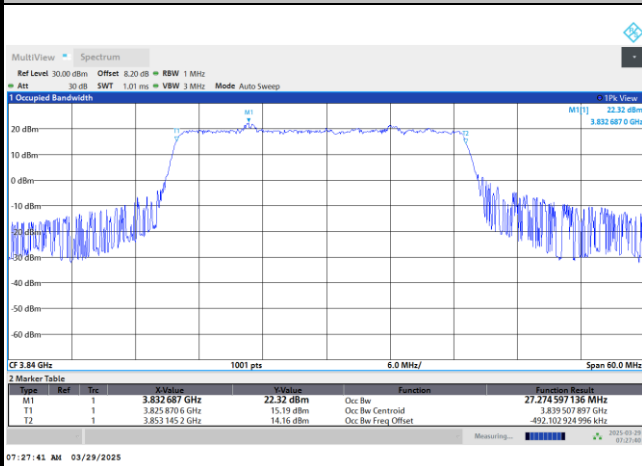


256QAM



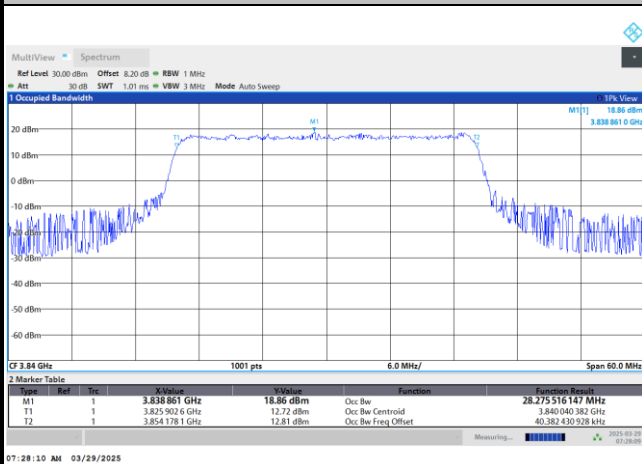
FR1 n77 / 30MHz / DFT-S OFDM / Middle Channel / Full RB

PI/2 BPSK

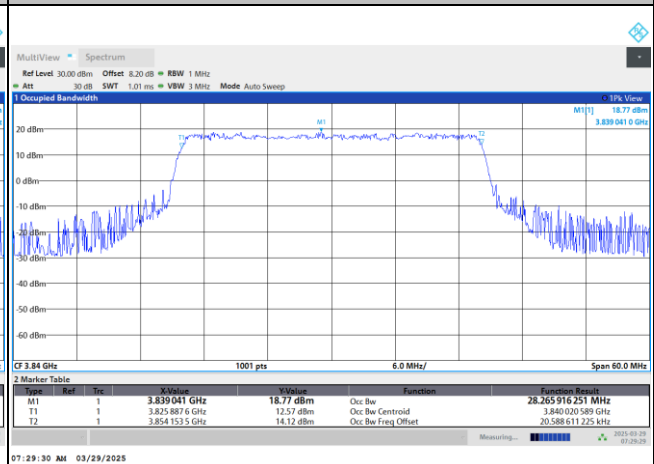


FR1 n77 / 30MHz / CP OFDM / Middle Channel / Full RB

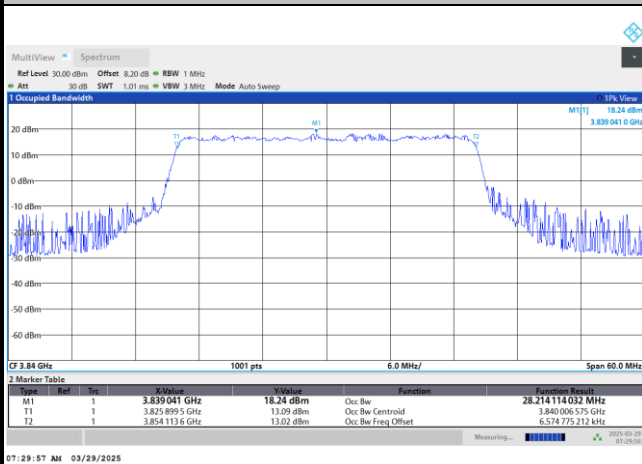
QPSK



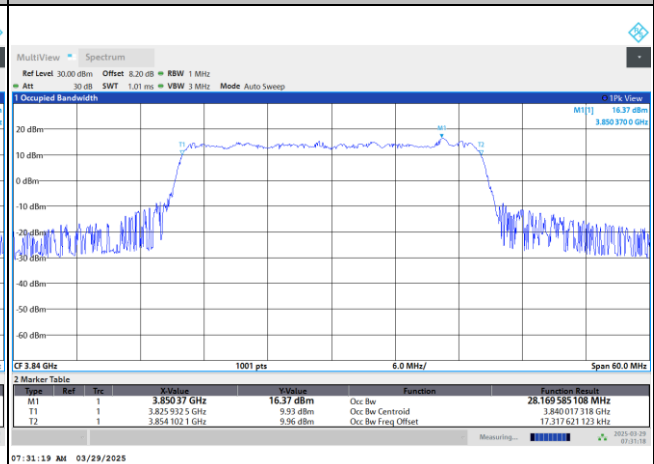
16QAM



64QAM

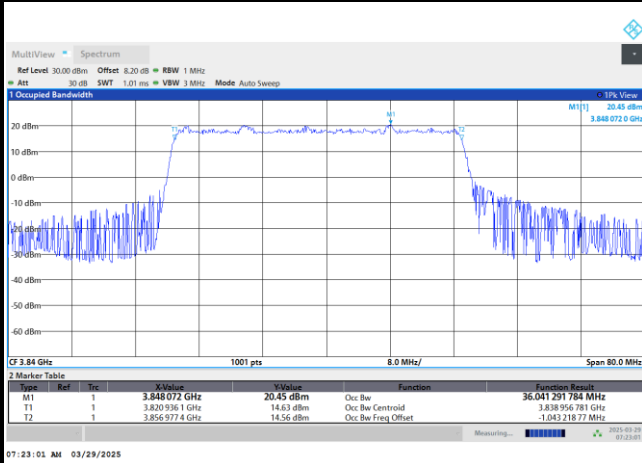


256QAM



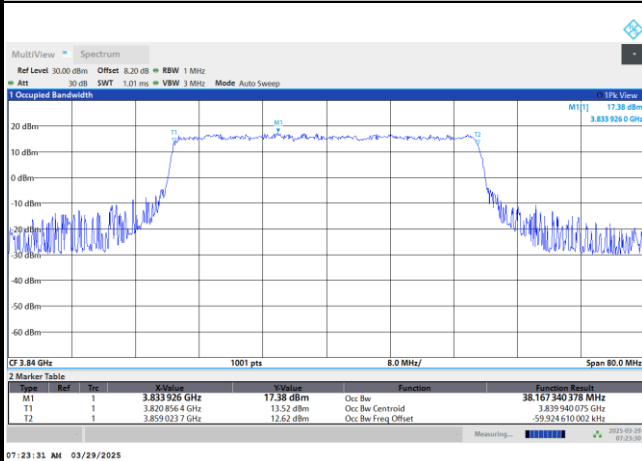
FR1 n77 / 40MHz / DFT-S OFDM / Middle Channel / Full RB

PI/2 BPSK

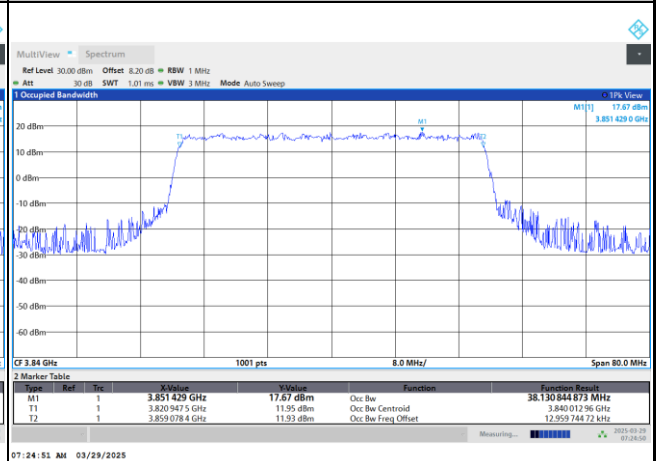


FR1 n77 / 40MHz / CP OFDM / Middle Channel / Full RB

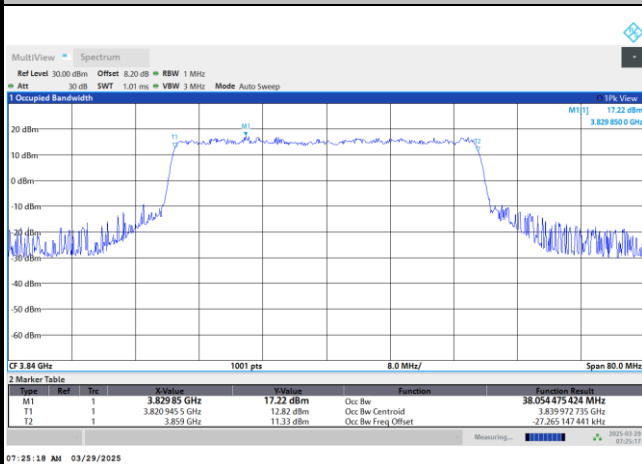
QPSK



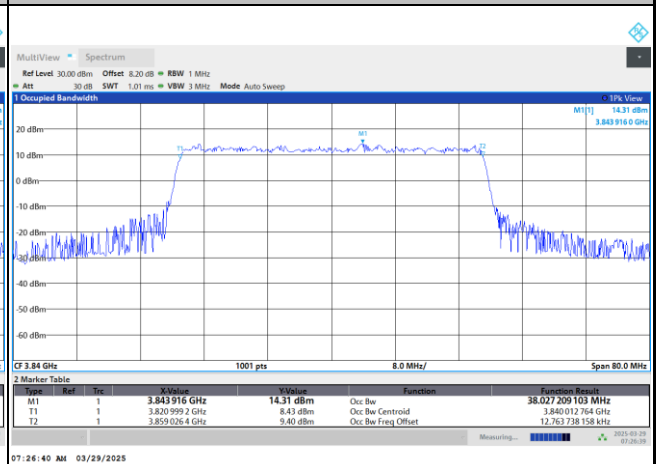
16QAM



64QAM



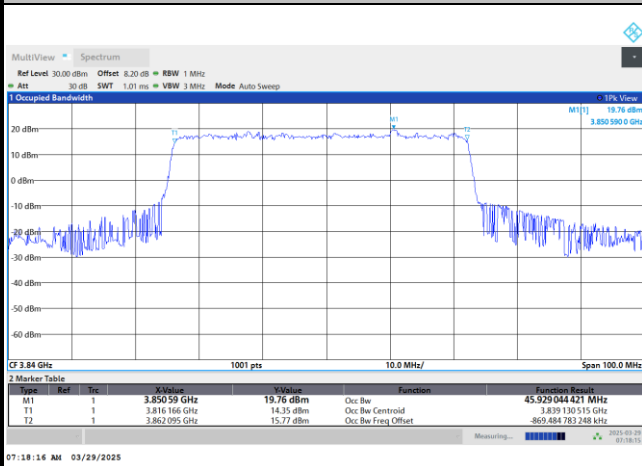
256QAM





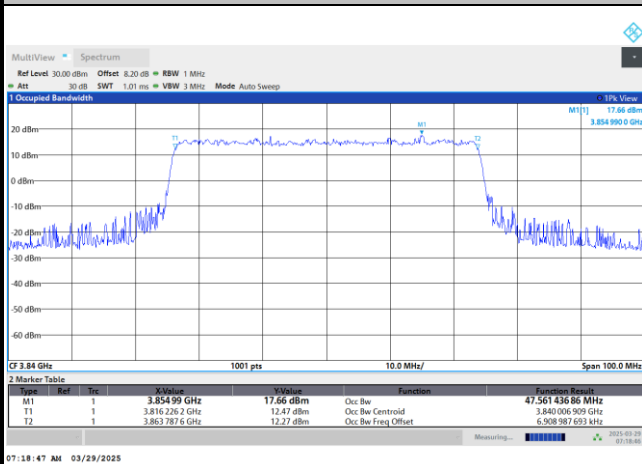
FR1 n77 / 50MHz / DFT-S OFDM / Middle Channel / Full RB

PI/2 BPSK

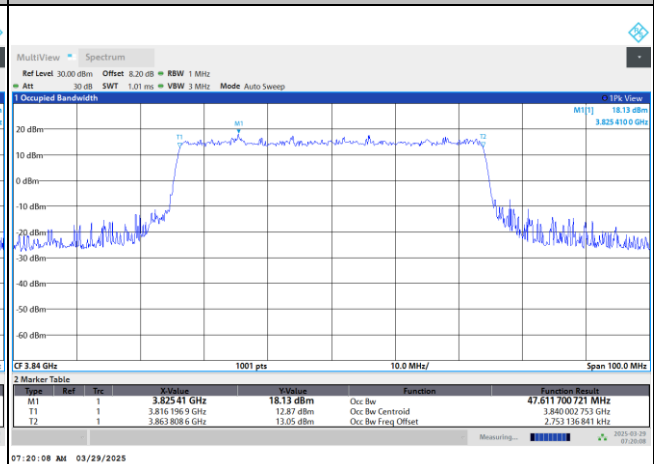


FR1 n77 / 50MHz / CP OFDM / Middle Channel / Full RB

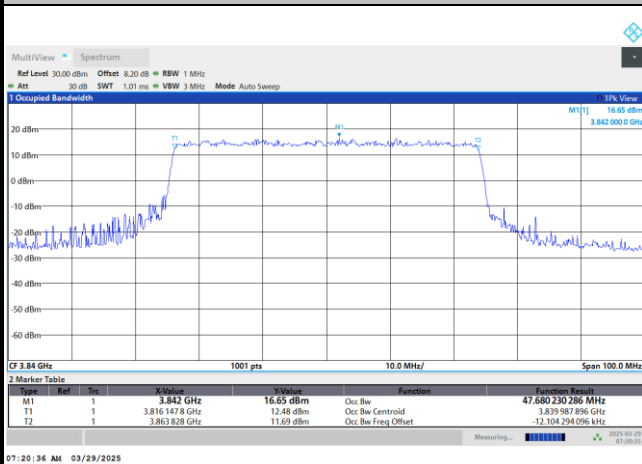
QPSK



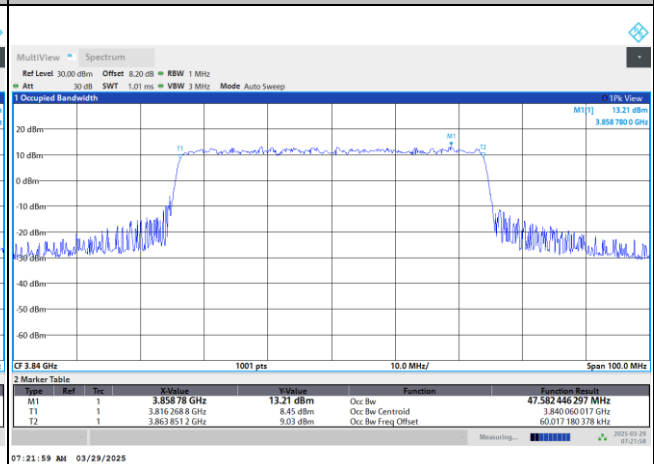
16QAM



64QAM

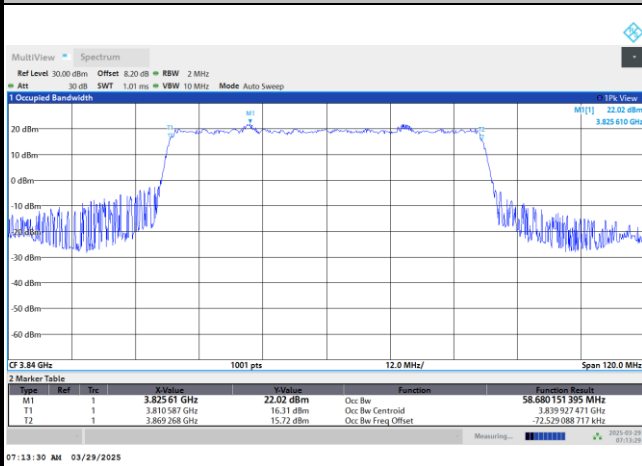


256QAM



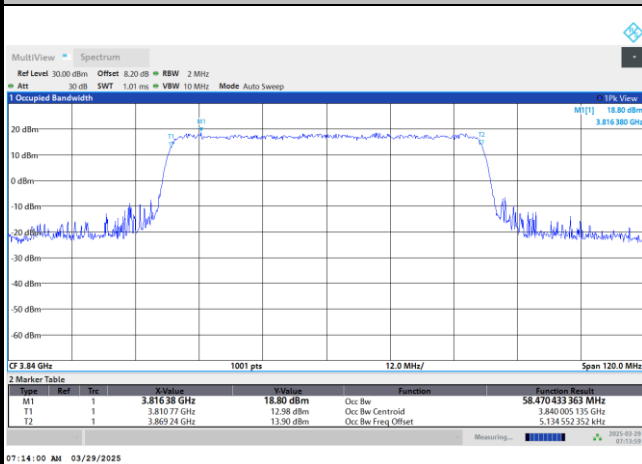
FR1 n77 / 60MHz / DFT-S OFDM / Middle Channel / Full RB

PI/2 BPSK

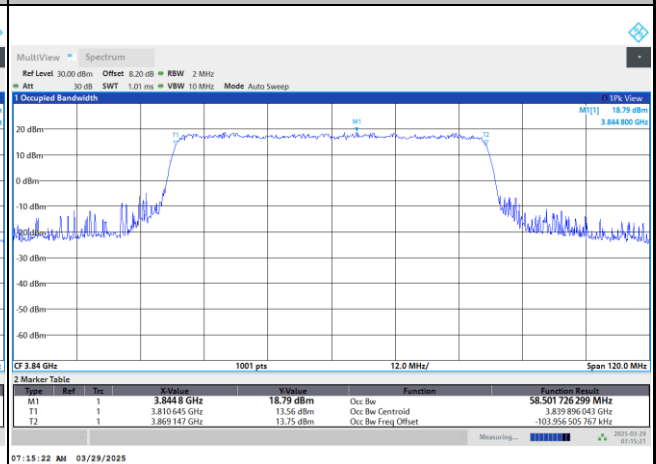


FR1 n77 / 60MHz / CP OFDM / Middle Channel / Full RB

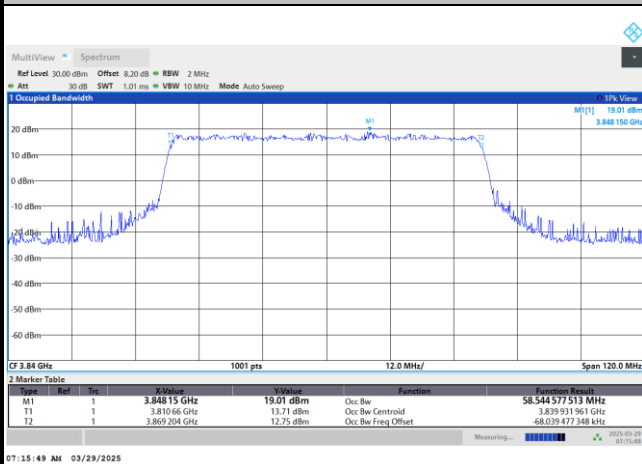
QPSK



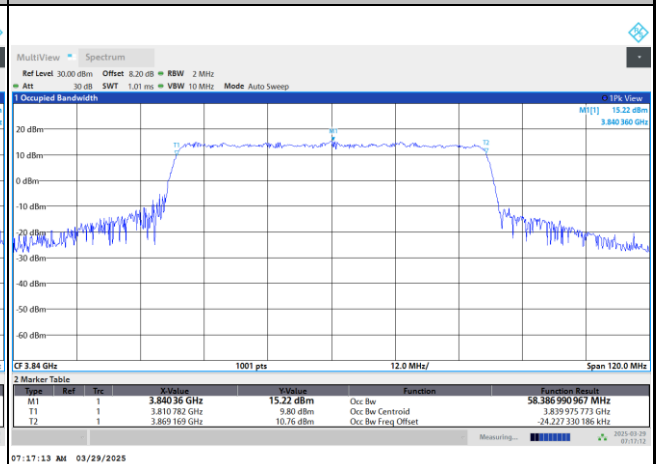
16QAM

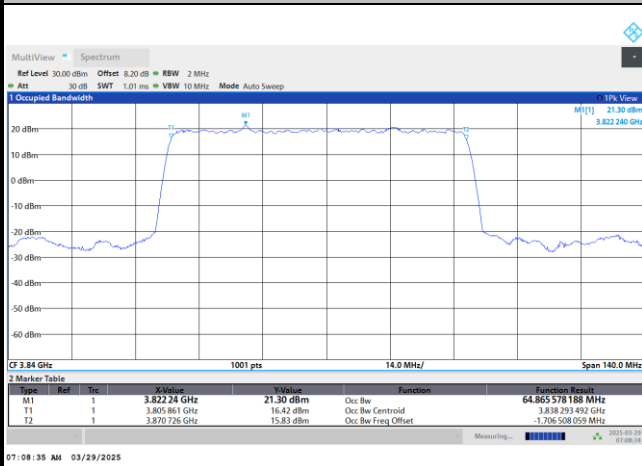
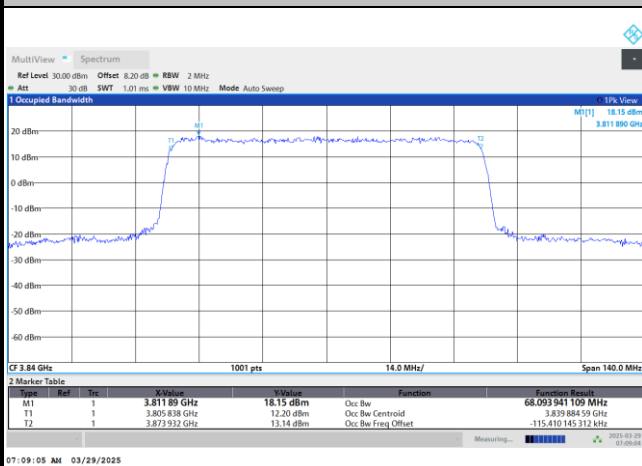
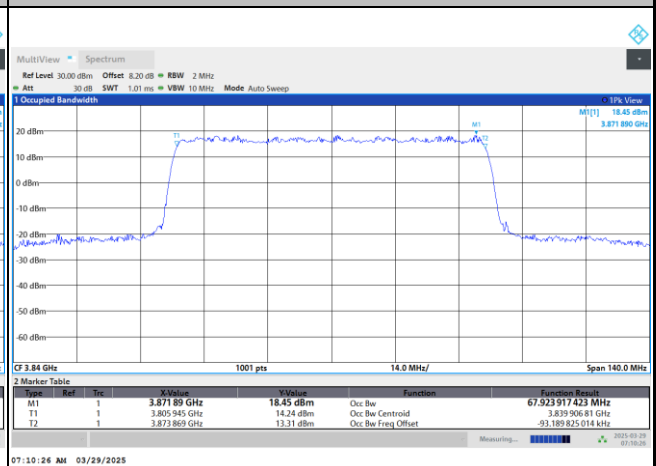
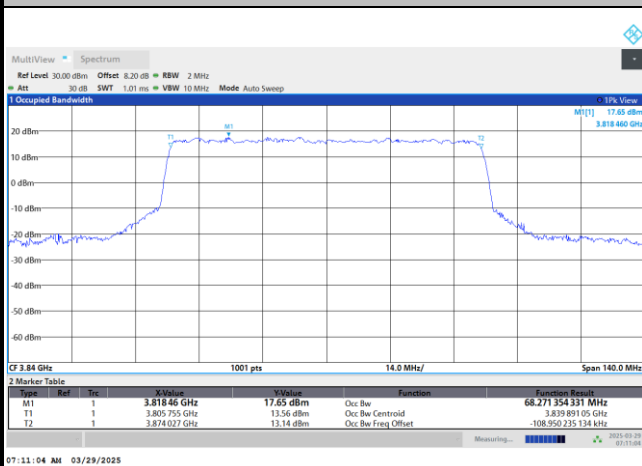
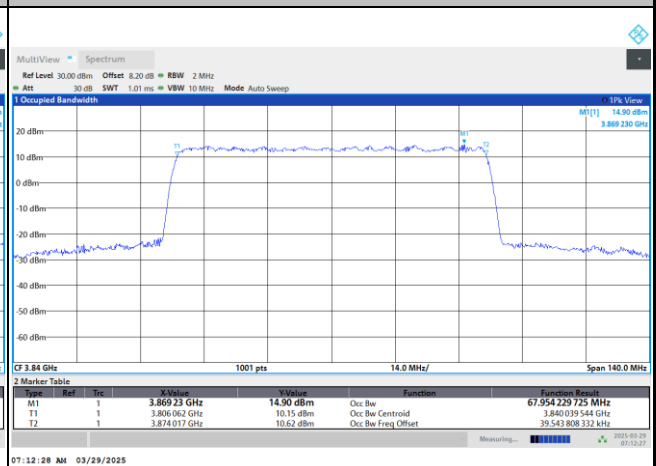


64QAM



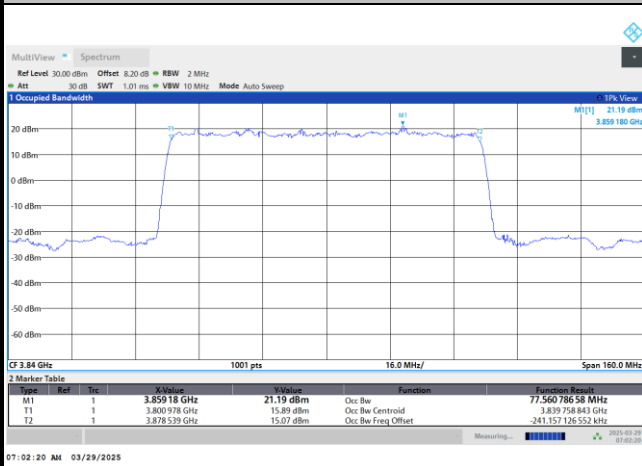
256QAM



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


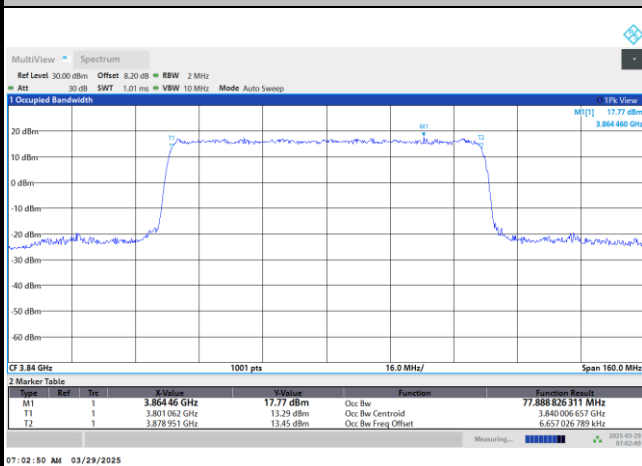
FR1 n77 / 80MHz / DFT-S OFDM / Middle Channel / Full RB

PI/2 BPSK

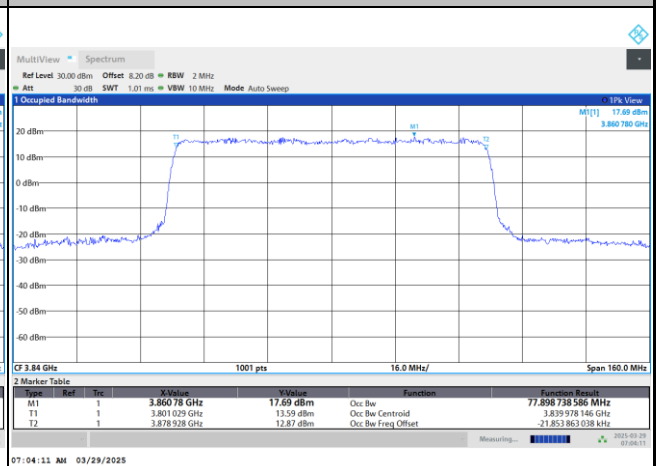


FR1 n77 / 80MHz / CP OFDM / Middle Channel / Full RB

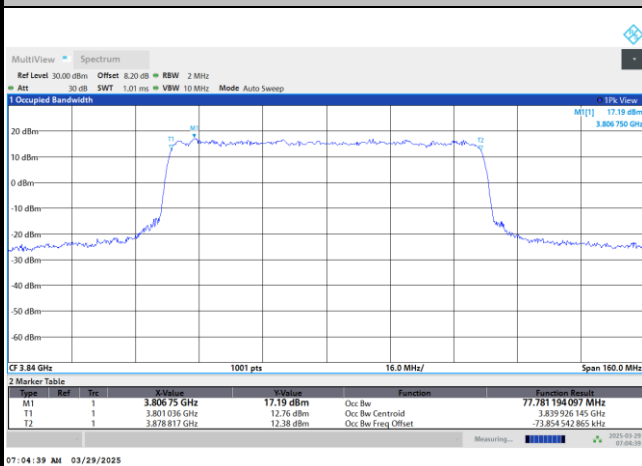
QPSK



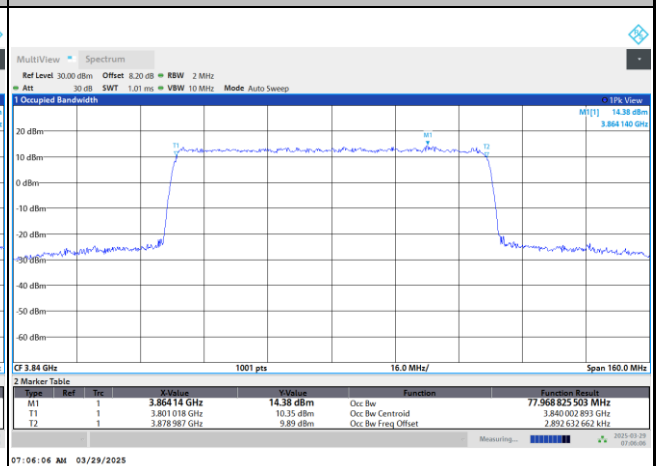
16QAM



64QAM

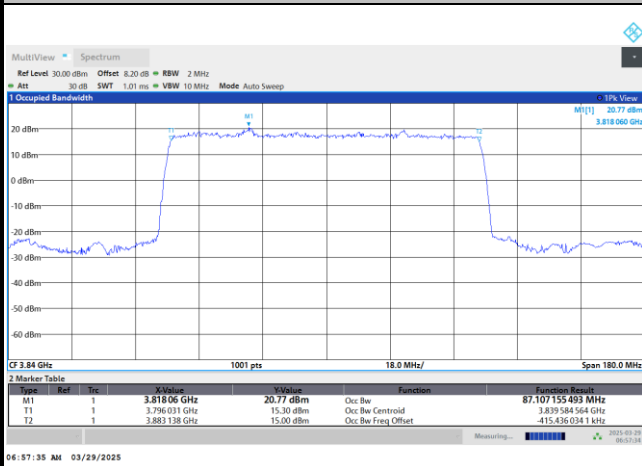


256QAM



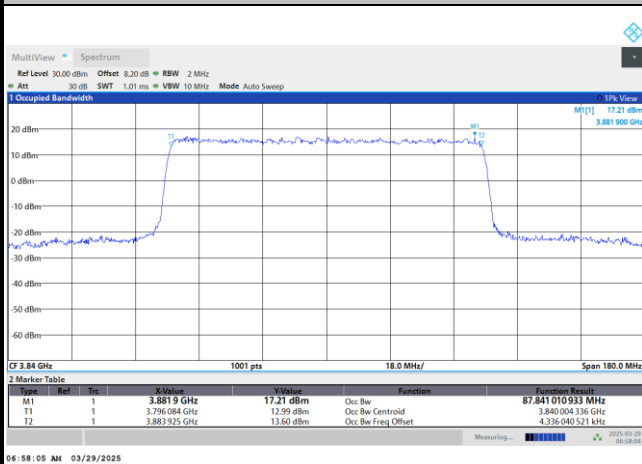
FR1 n77 / 90MHz / DFT-S OFDM / Middle Channel / Full RB

PI/2 BPSK

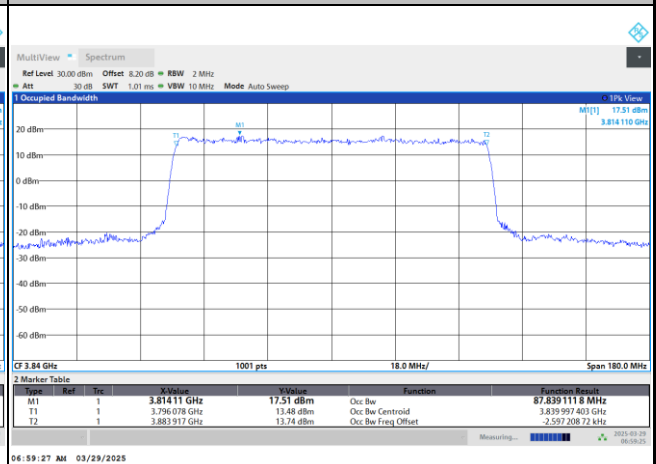


FR1 n77 / 90MHz / CP OFDM / Middle Channel / Full RB

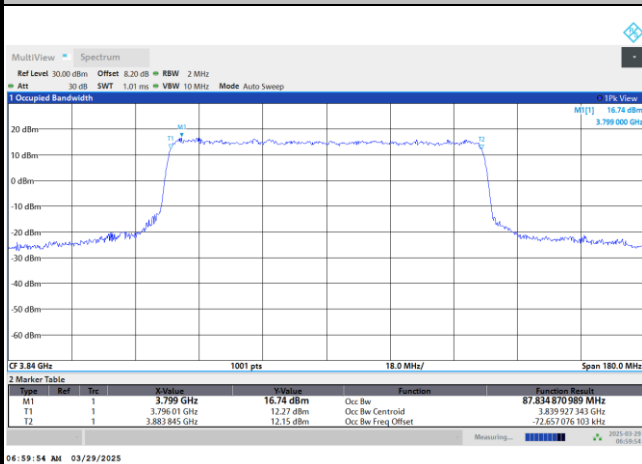
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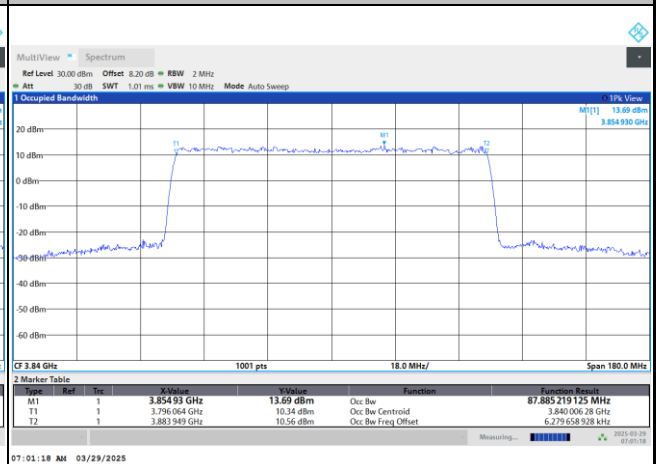
16QAM



64QAM

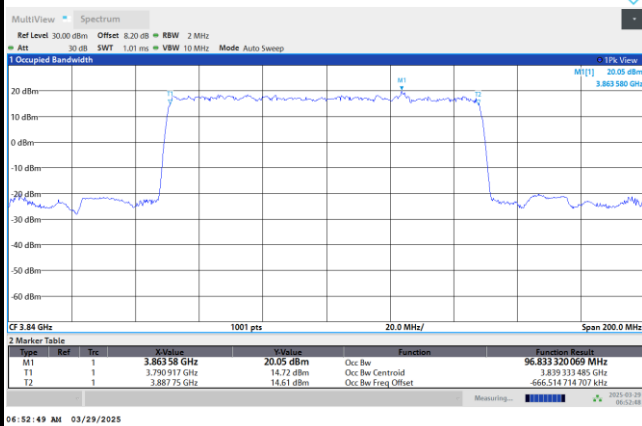


256QAM



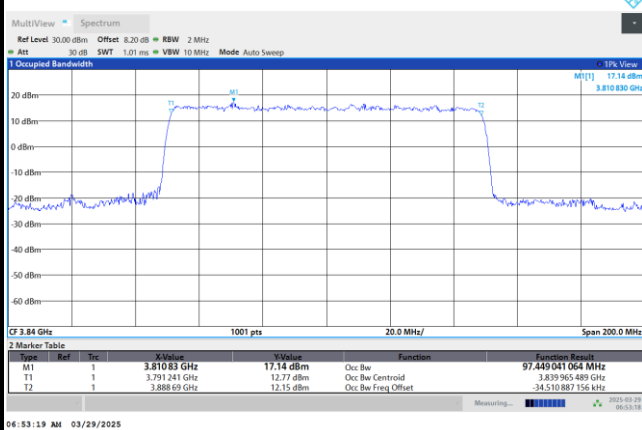
FR1 n77 / 100MHz / DFT-S OFDM / Middle Channel / Full RB

PI/2 BPSK

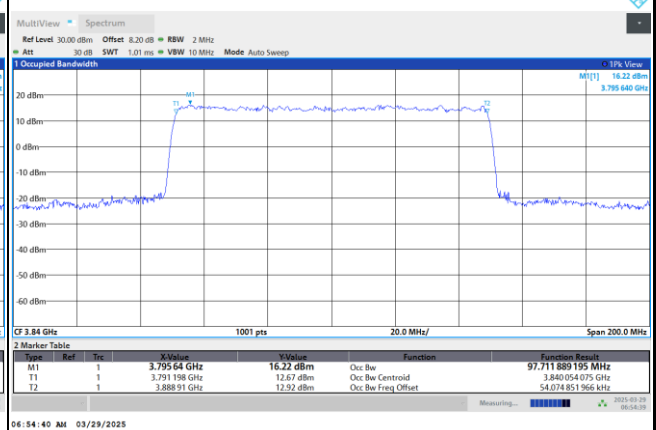


FR1 n77 / 100MHz / CP OFDM / Middle Channel / Full RB

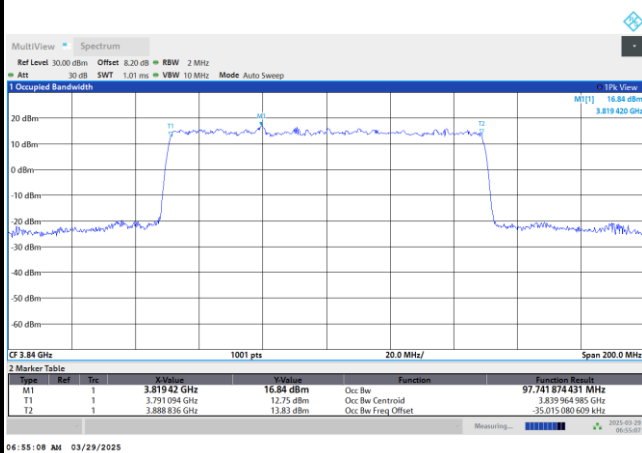
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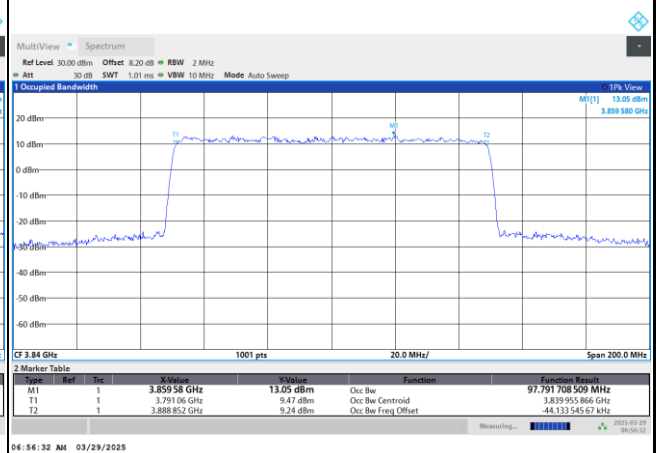
16QAM



64QAM



256QAM



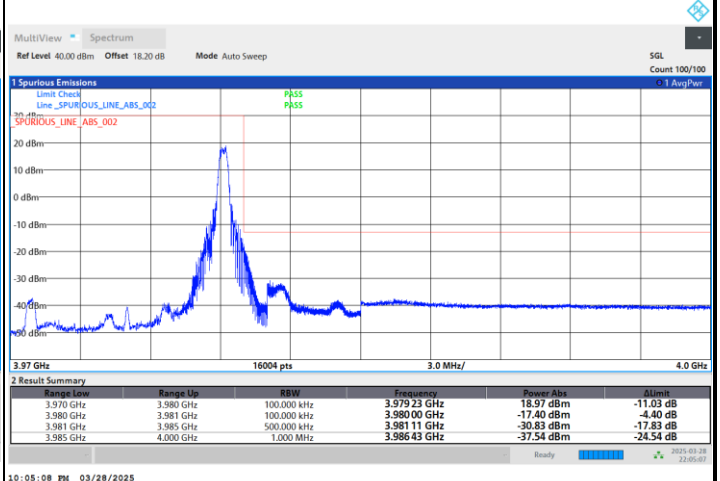
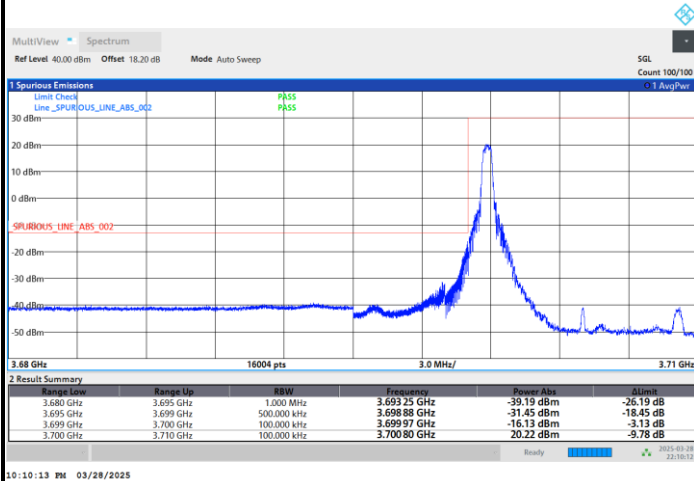


Conducted Band Edge

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

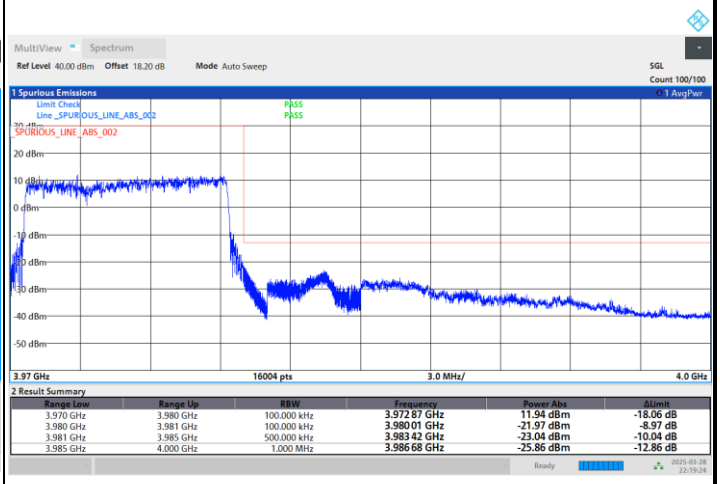
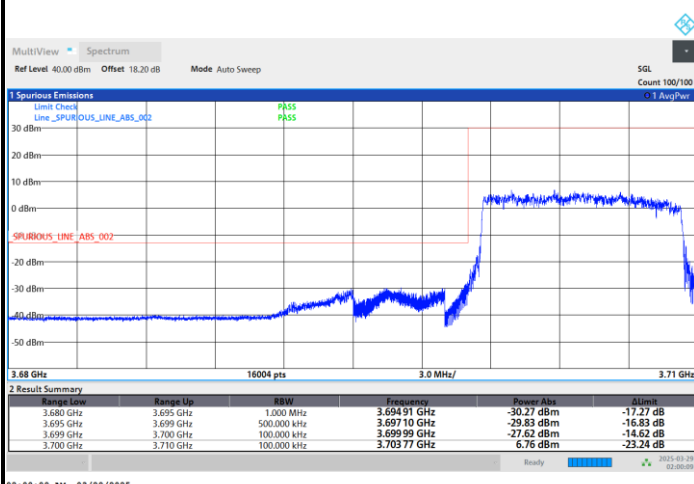
Lowest Band Edge / 1RB0

Highest Band Edge / 1RBmax



Lowest Band Edge / Full RB

Highest Band Edge / Full RB

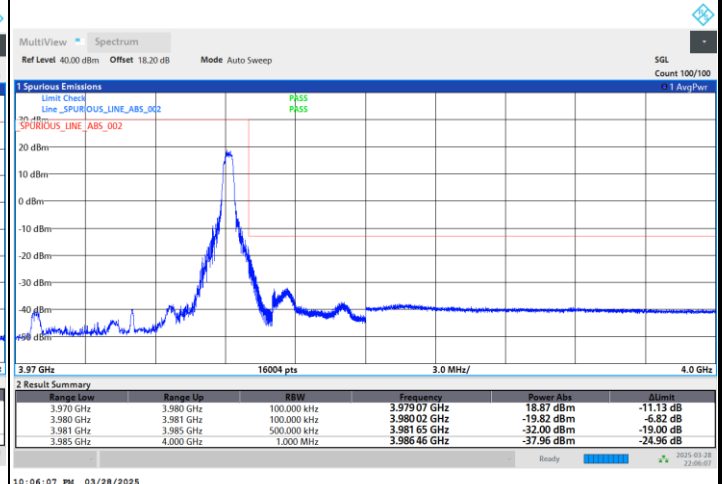
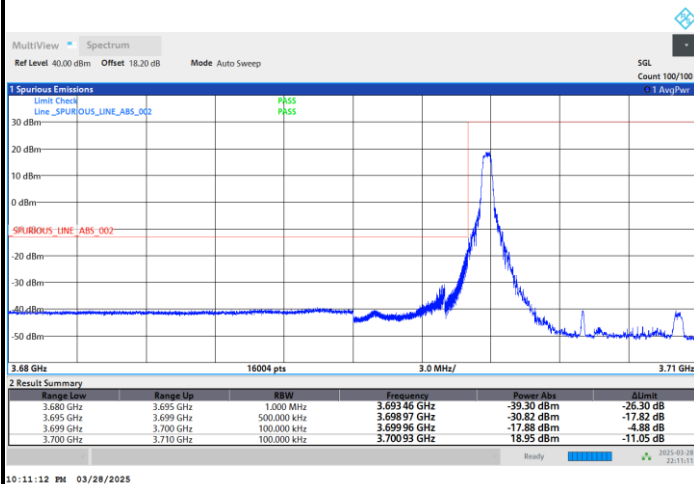




FR1 n77 / 10MHz / DFT-S OFDM / QPSK

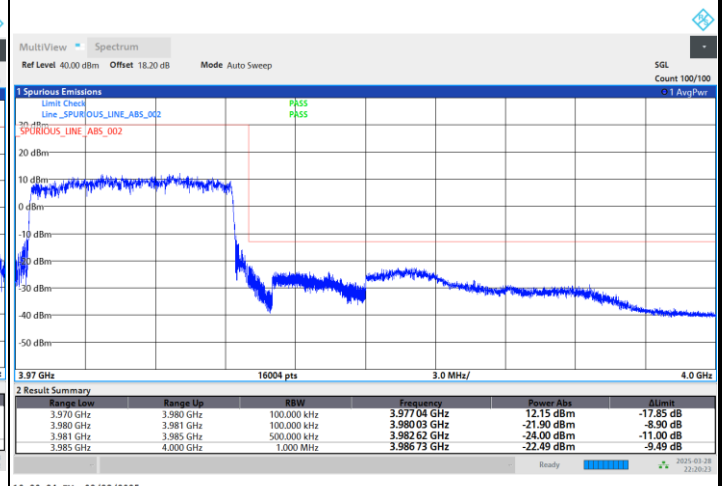
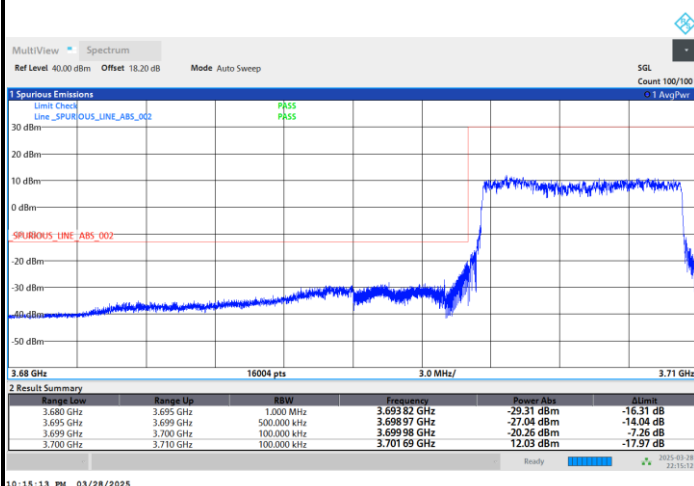
Lowest Band Edge / 1RB0

Highest Band Edge / 1RBmax



Lowest Band Edge / Full RB

Highest Band Edge / Full RB

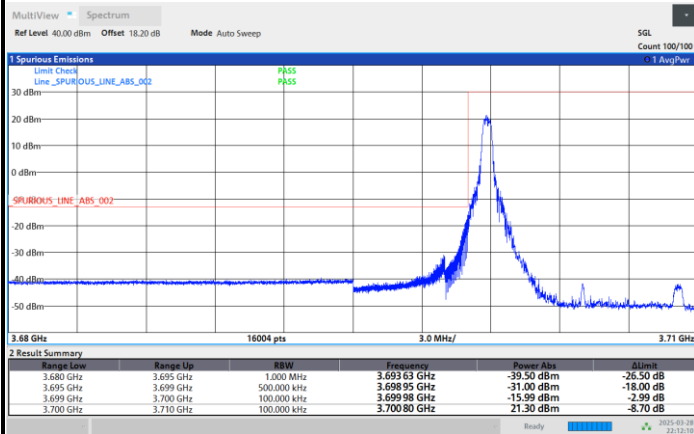




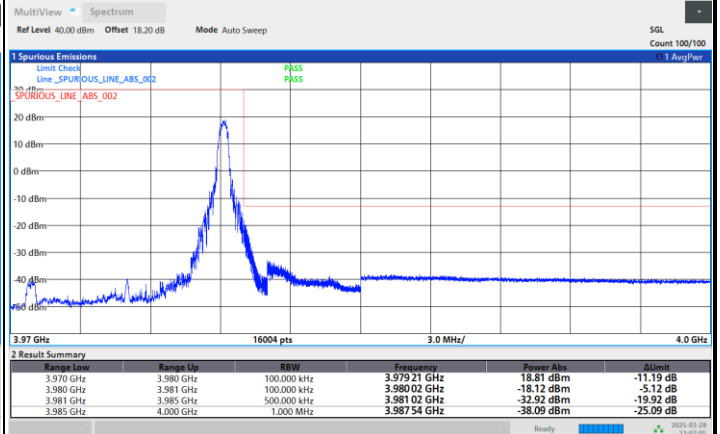
FR1 n77 / 10MHz / DFT-S OFDM / 16QAM

Lowest Band Edge / 1RB0

Highest Band Edge / 1RBmax



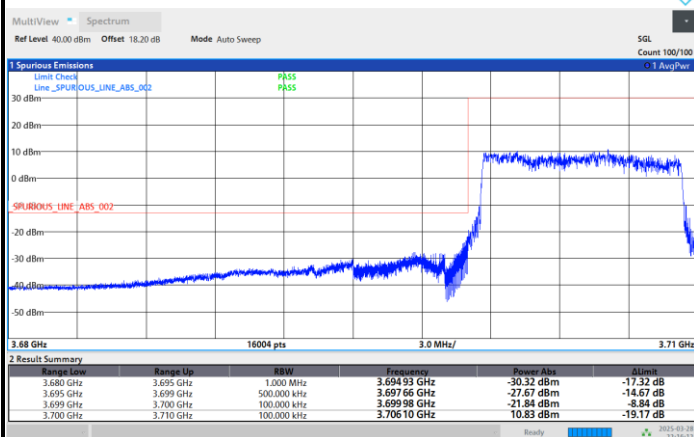
10:12:11 PM 03/28/2025



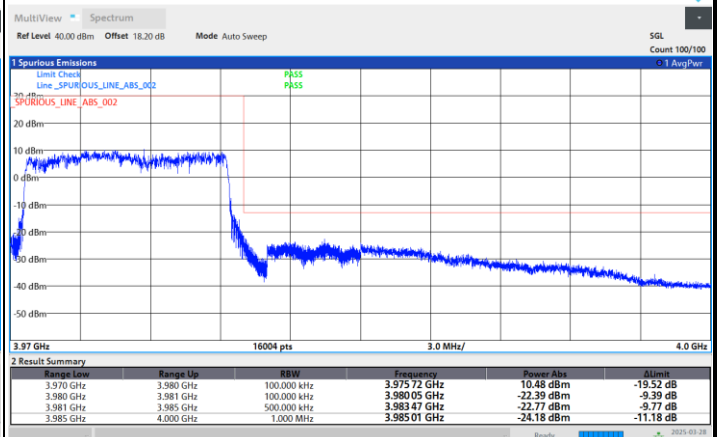
10:07:06 PM 03/28/2025

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



10:16:13 PM 03/28/2025



10:21:23 PM 03/28/2025