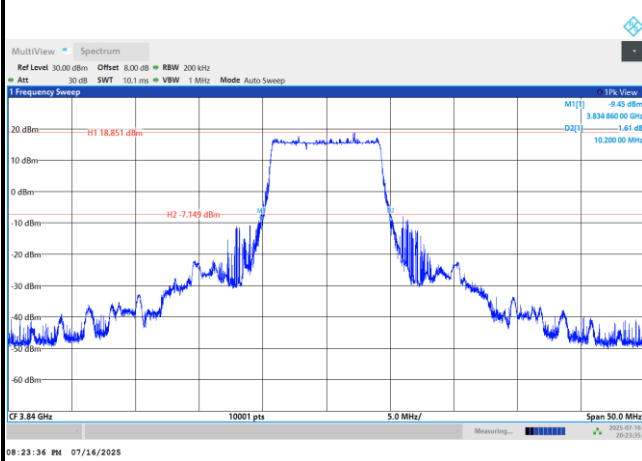


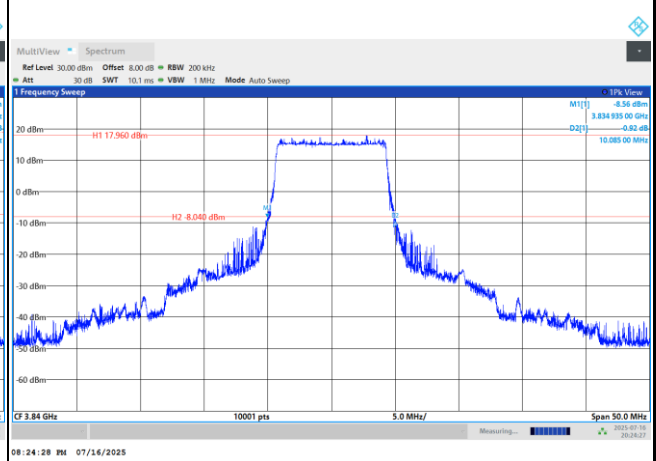


FR1 n77 / 10MHz / DFT-S OFDM / Middle Channel / Full RB

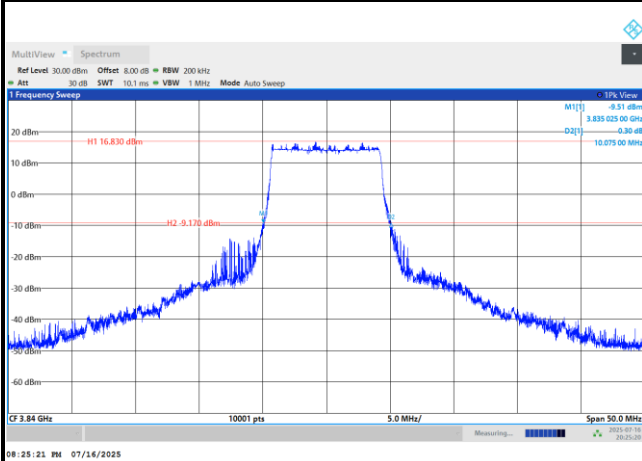
PI/2 BPSK



QPSK



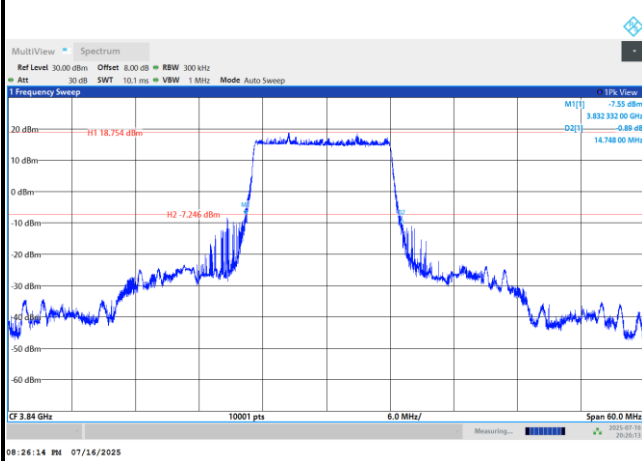
16QAM



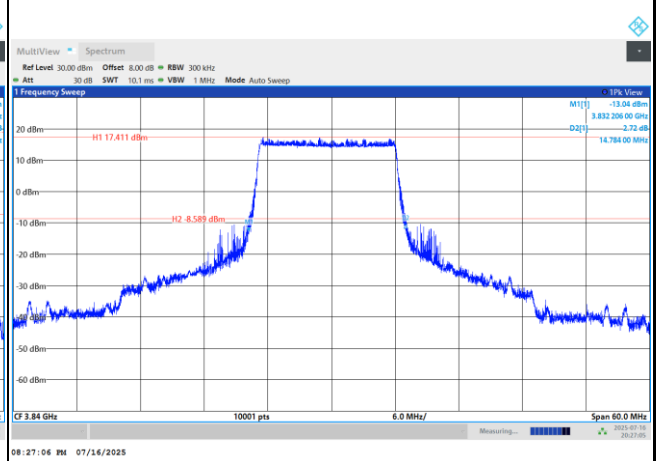


FR1 n77 / 15MHz / DFT-S OFDM / Middle Channel / Full RB

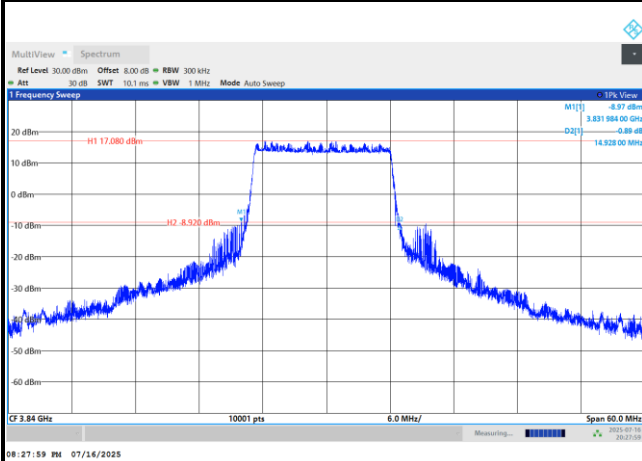
QPSK



QPSK



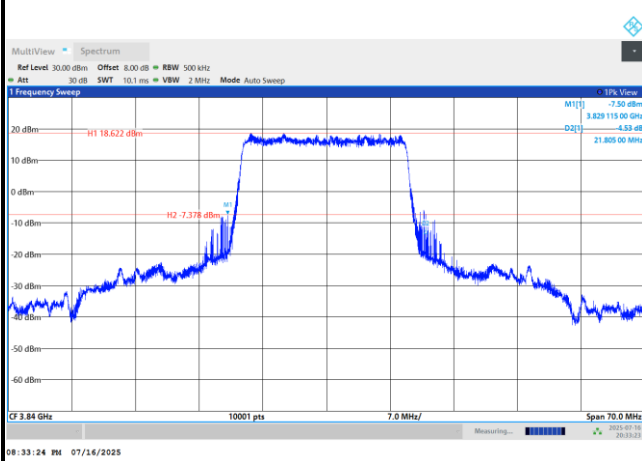
16QAM



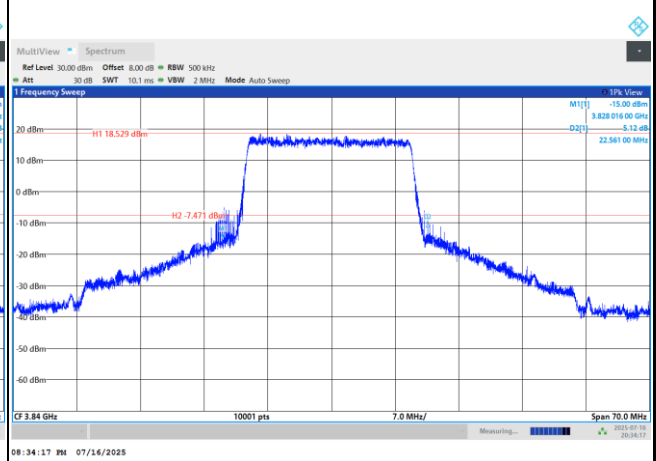


FR1 n77 / 20MHz / DFT-S OFDM / Middle Channel / Full RB

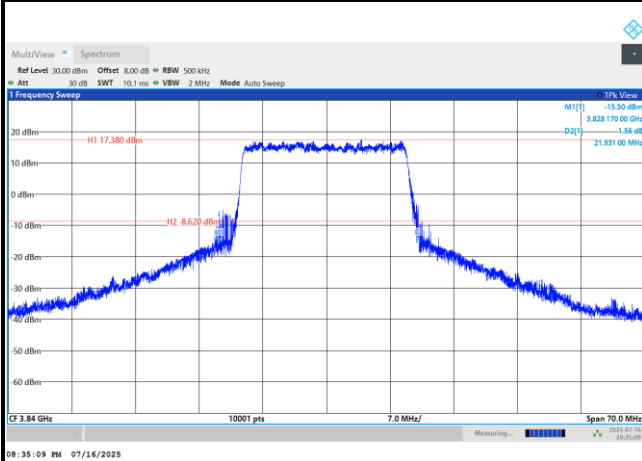
PI/2 BPSK



QPSK



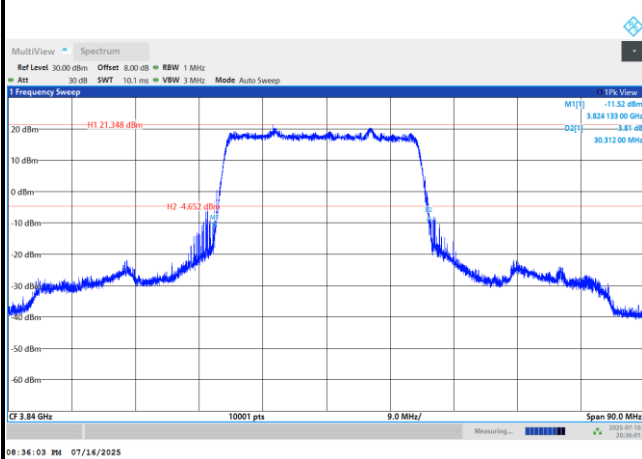
16QAM



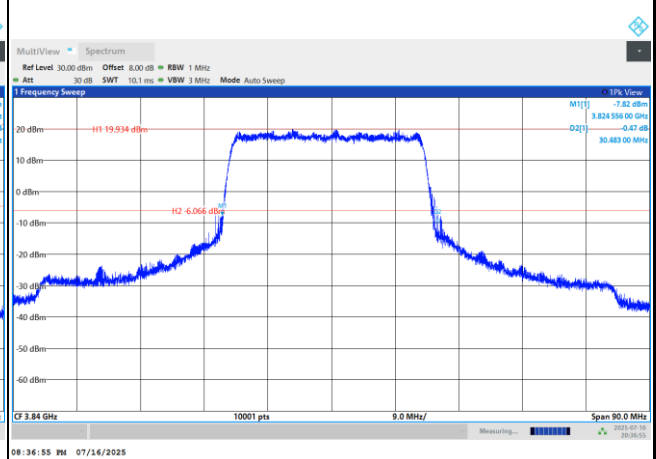


FR1 n77 / 30MHz / DFT-S OFDM / Middle Channel / Full RB

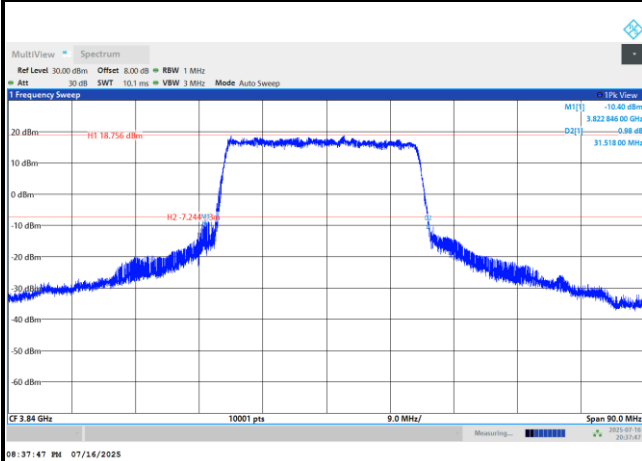
PI/2 BPSK



QPSK



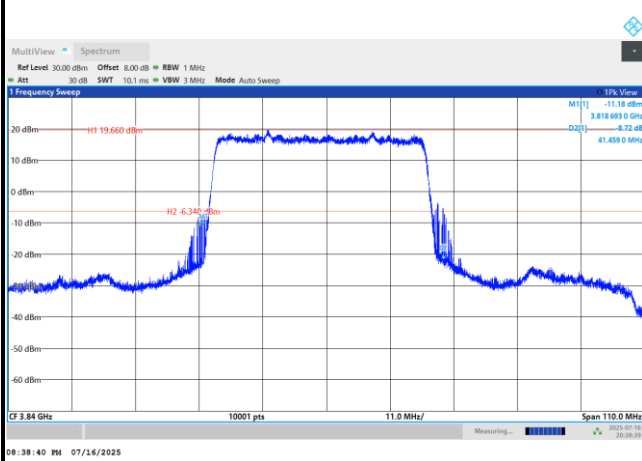
16QAM



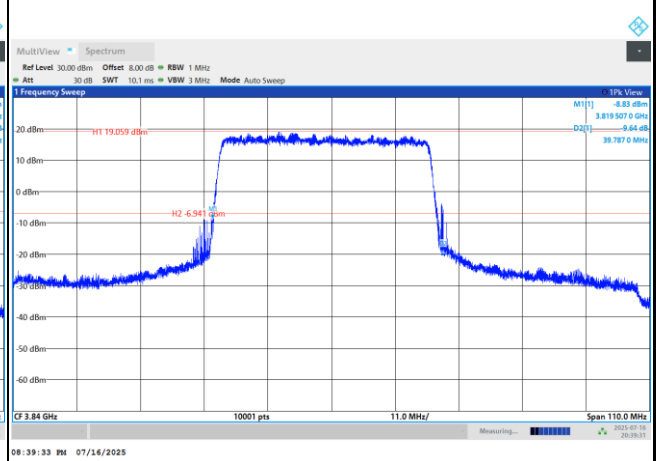


FR1 n77 / 40MHz / DFT-S OFDM / Middle Channel / Full RB

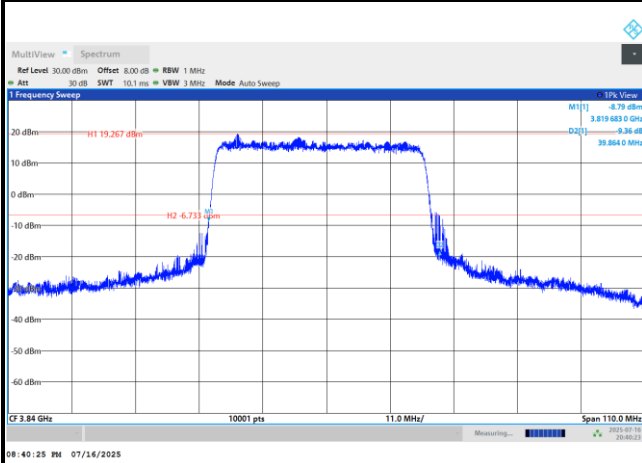
PI/2 BPSK

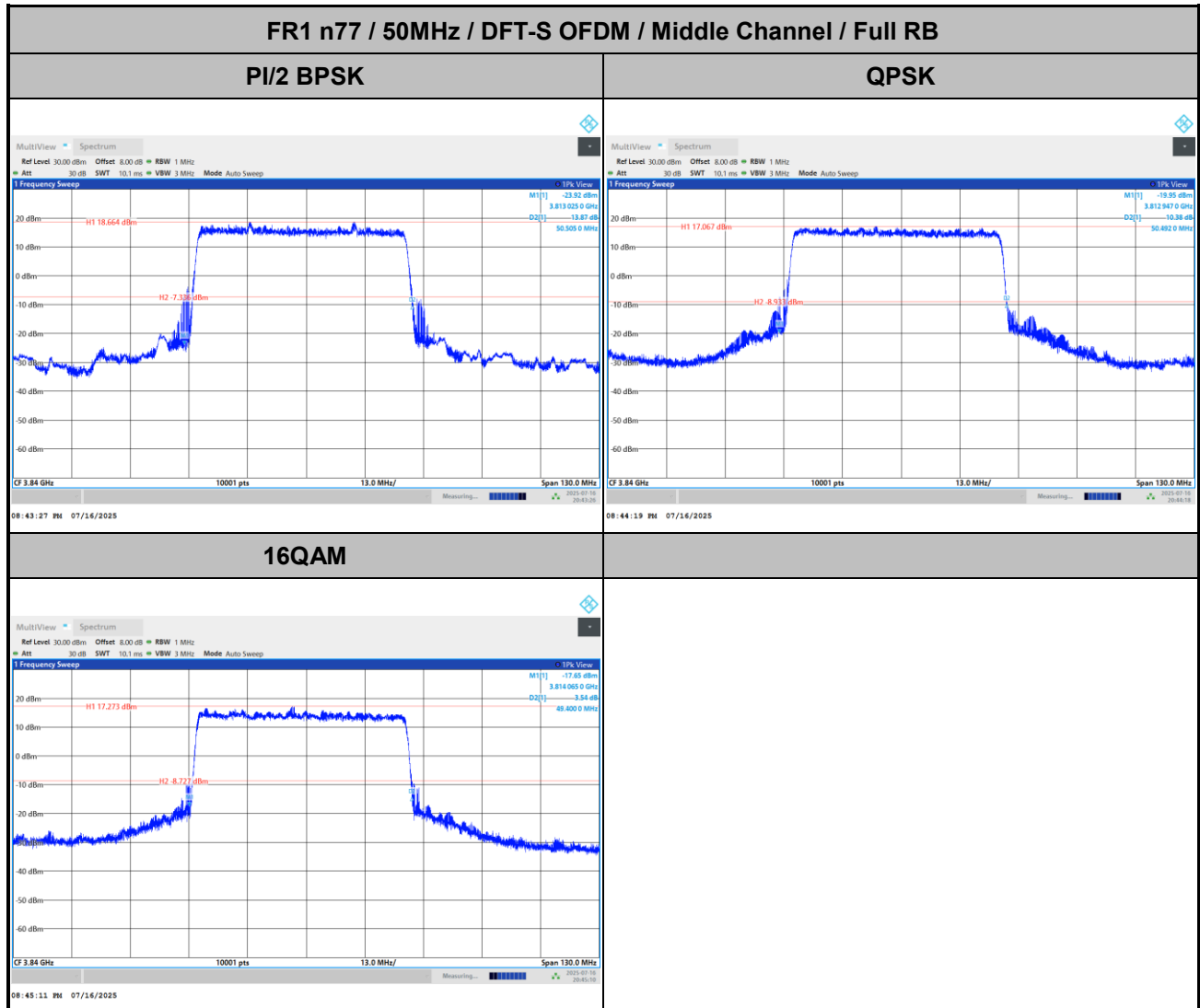


QPSK



16QAM

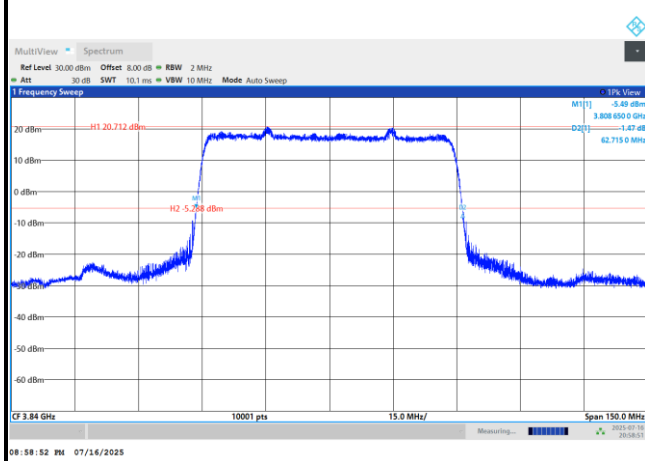




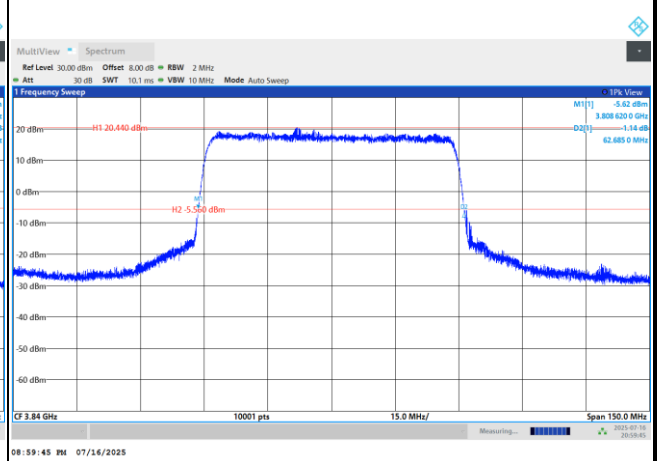


FR1 n77 / 60MHz / DFT-S OFDM / Middle Channel / Full RB

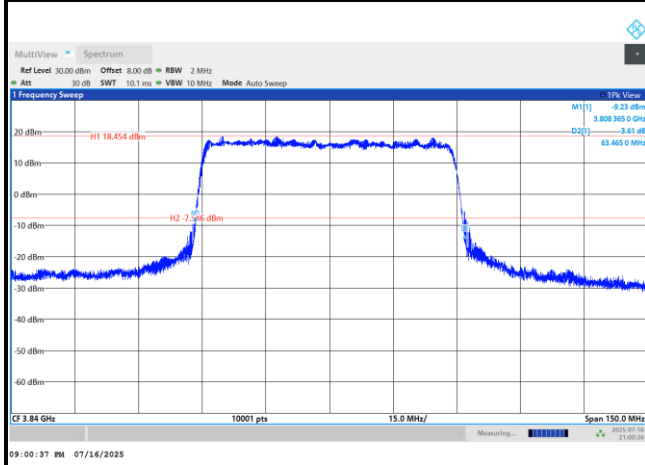
PI/2 BPSK



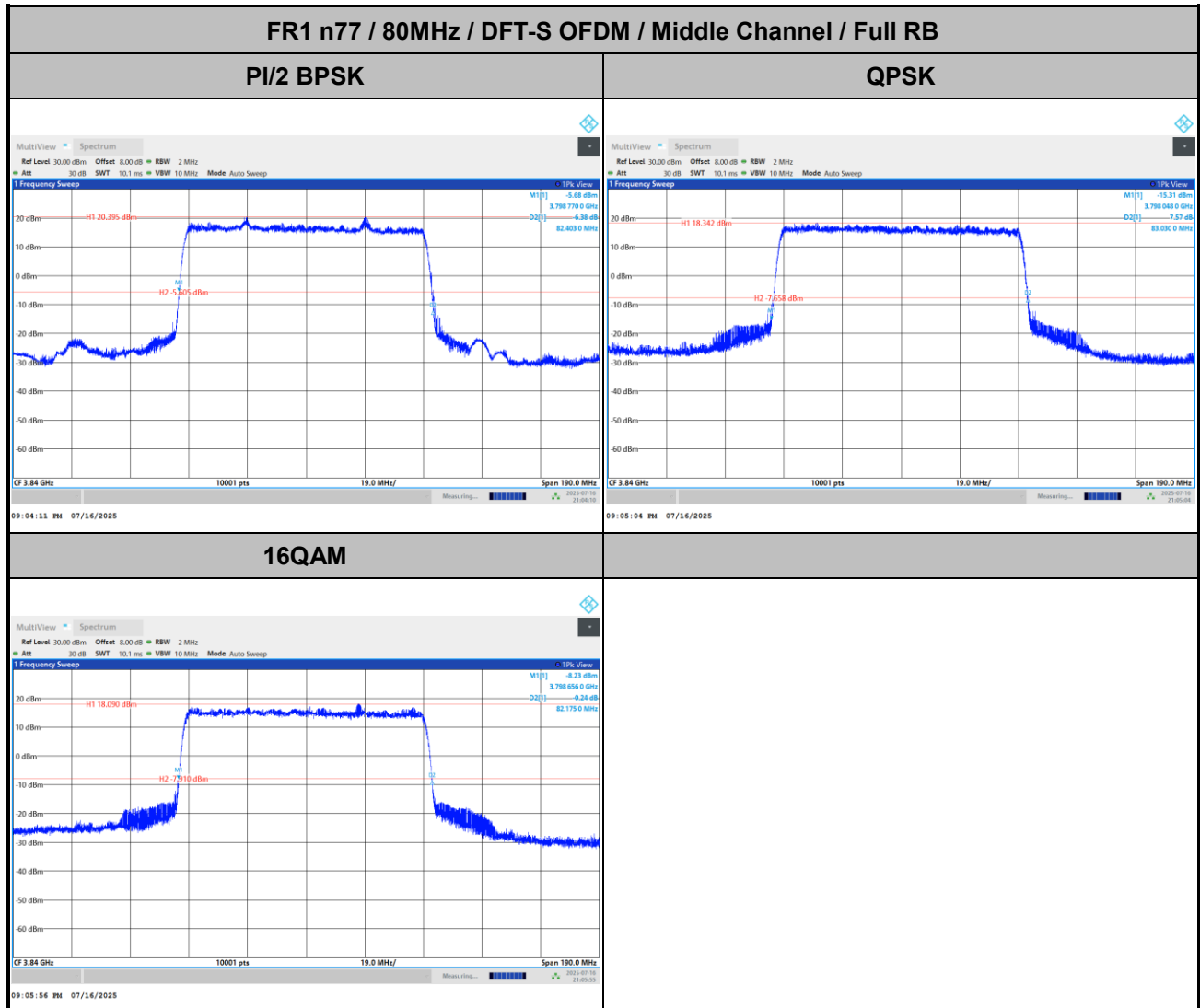
QPSK



16QAM



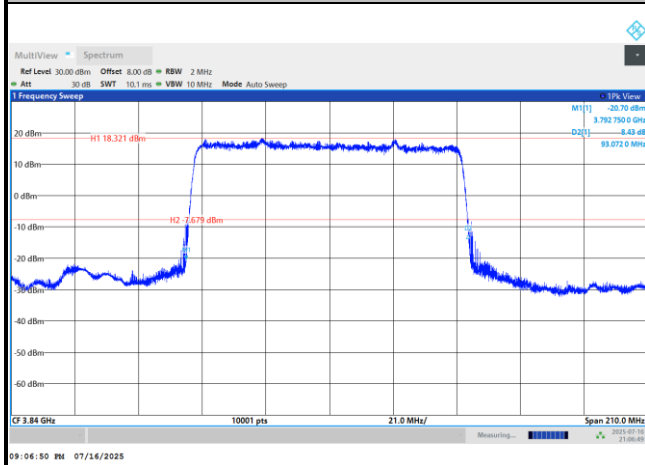




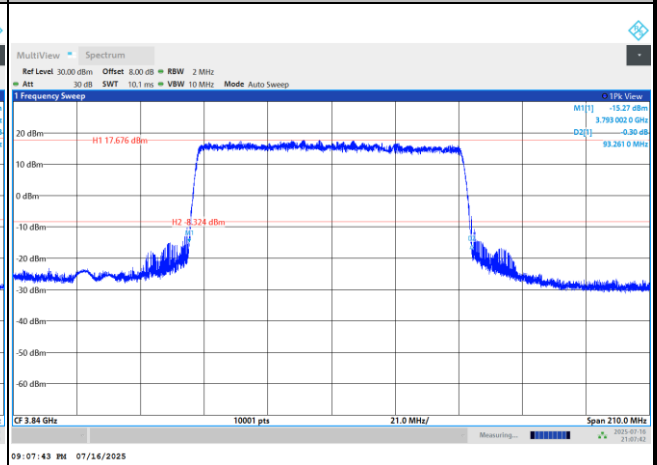


FR1 n77 / 90MHz / DFT-S OFDM / Middle Channel / Full RB

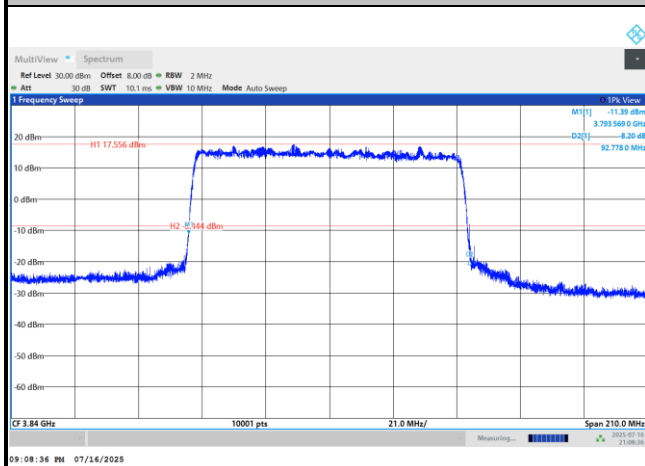
PI/2 BPSK



QPSK

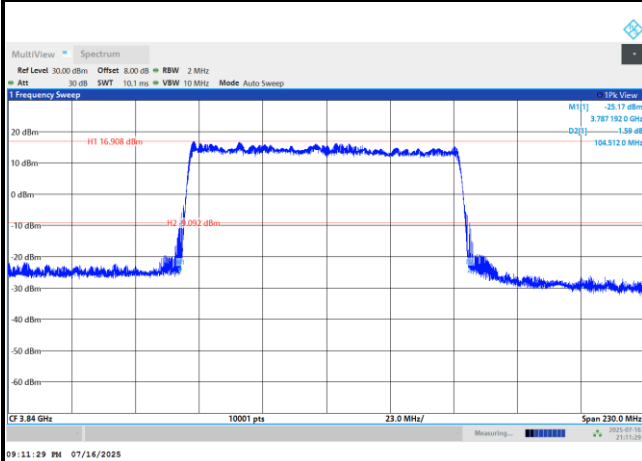
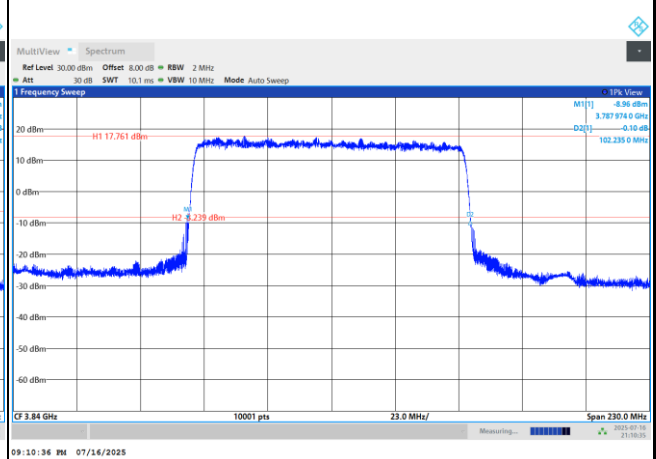


16QAM





QPSK



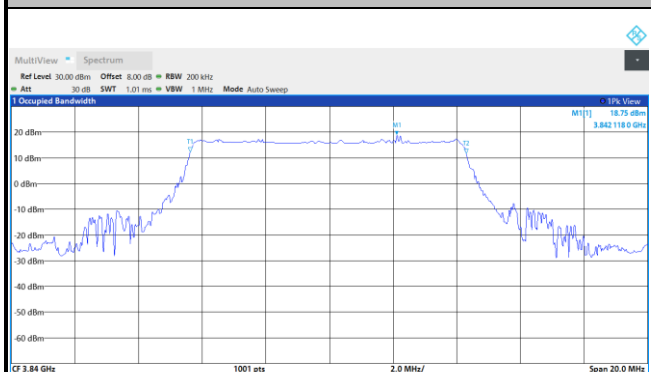
**Occupied Bandwidth**

Mode	FR1 n77 : 99%OBW(MHz) / DFT-S OFDM							
BW	10MHz		15MHz		20MHz		30MHz	
Mod.	PI/2 BPSK	QPSK	PI/2 BPSK	QPSK	PI/2 BPSK	QPSK	PI/2 BPSK	QPSK
Middle CH	8.68	8.68	13.01	13.02	18.03	18.06	27.26	27.18
Mod.	16QAM		16QAM		16QAM		16QAM	
Middle CH	8.64		13.01		18.09		27.27	
BW	40MHz		50MHz		60MHz		70MHz	
Mod.	PI/2 BPSK	QPSK	PI/2 BPSK	QPSK	PI/2 BPSK	QPSK	PI/2 BPSK	QPSK
Middle CH	36.07	36.01	45.91	45.93	58.62	58.27	64.84	64.85
Mod.	16QAM		16QAM		16QAM		16QAM	
Middle CH	35.75		46.06		58.81		64.96	
BW	80MHz		90MHz		100MHz			
Mod.	PI/2 BPSK	QPSK	PI/2 BPSK	QPSK	PI/2 BPSK	QPSK		
Middle CH	77.43	77.70	87.12	87.08	96.89	96.52		
Mod.	16QAM		16QAM		16QAM			
Middle CH	77.55		87.33		96.90			



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

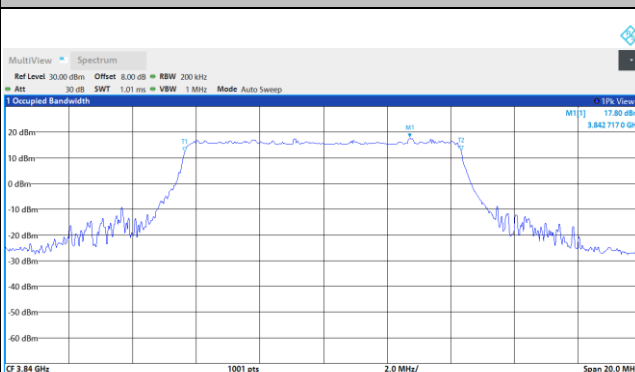
PI/2 BPSK



Type	Ref	Tx	X-Value	Y-Value	Function	Function Result
M1	1		3.842118 GHz	18.75 dBm	Occ Bw	8.68273793 MHz
T1	1		3.8356192 GHz	12.21 dBm	Occ Bw Centroid	3.839960569 GHz
T2	1		3.8443019 GHz	11.72 dBm	Occ Bw Freq Offset	-20.4313559398 kHz

08:23:11 PM 07/14/2025

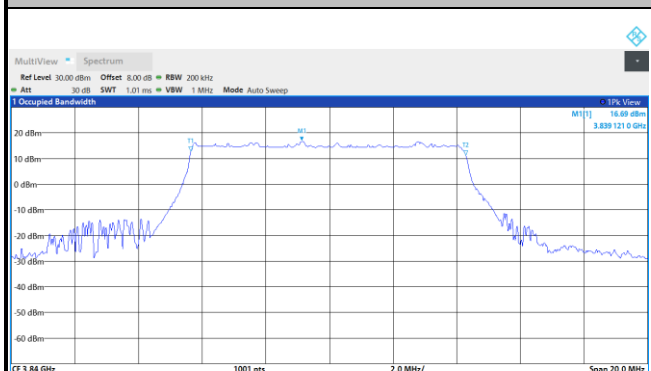
QPSK



Type	Ref	Tx	X-Value	Y-Value	Function	Function Result
M1	1		3.842717 GHz	17.80 dBm	Occ Bw	8.684380559 MHz
T1	1		3.8356408 GHz	12.24 dBm	Occ Bw Centroid	3.839982971 GHz
T2	1		3.8443252 GHz	12.91 dBm	Occ Bw Freq Offset	-17.029335523 kHz

08:24:03 PM 07/14/2025

16QAM



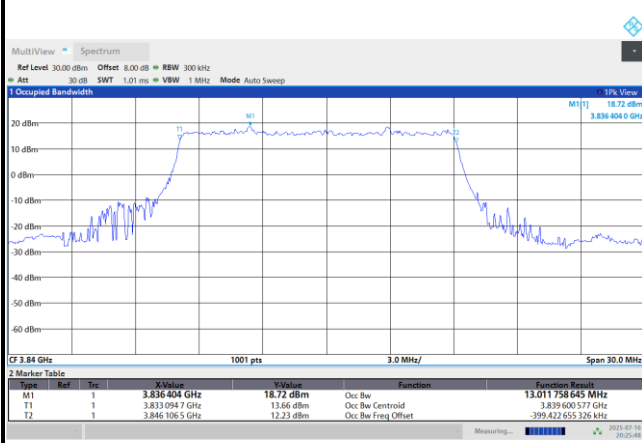
Type	Ref	Tx	X-Value	Y-Value	Function	Function Result
M1	1		3.839121 GHz	16.69 dBm	Occ Bw	8.643090951 MHz
T1	1		3.8356375 GHz	12.86 dBm	Occ Bw Centroid	3.839959002 GHz
T2	1		3.8442805 GHz	11.20 dBm	Occ Bw Freq Offset	-40.998481961 kHz

08:24:55 PM 07/14/2025



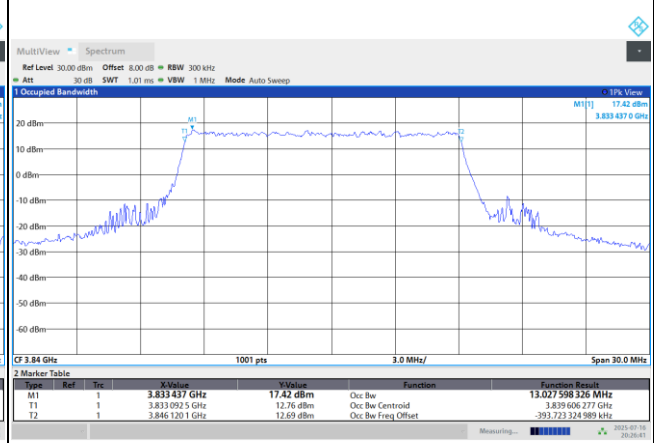
FR1 n77 / 15MHz / DFT-S OFDM / Middle Channel / Full RB

QPSK



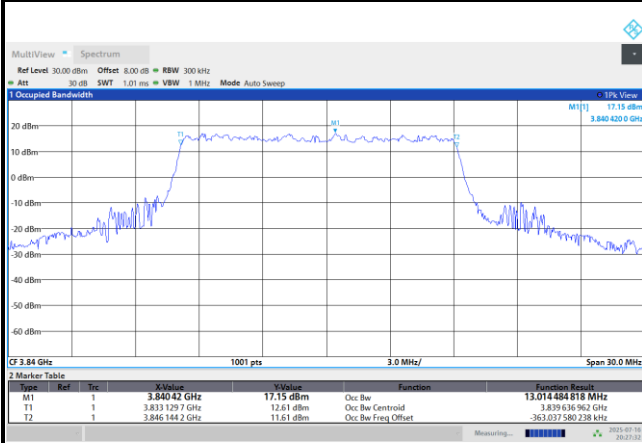
08:25:49 PM 07/16/2025

QPSK



08:26:41 PM 07/16/2025

16QAM

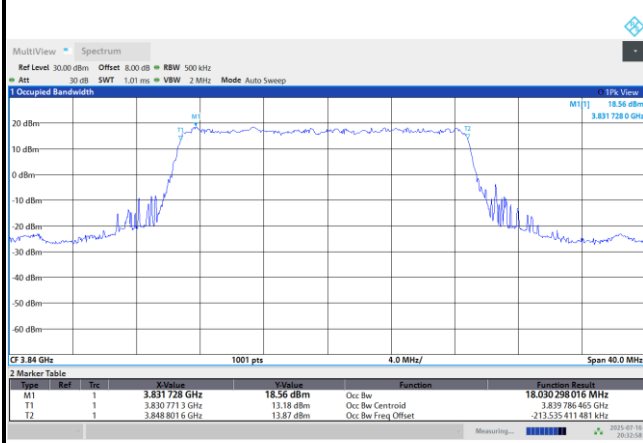


08:27:33 PM 07/16/2025



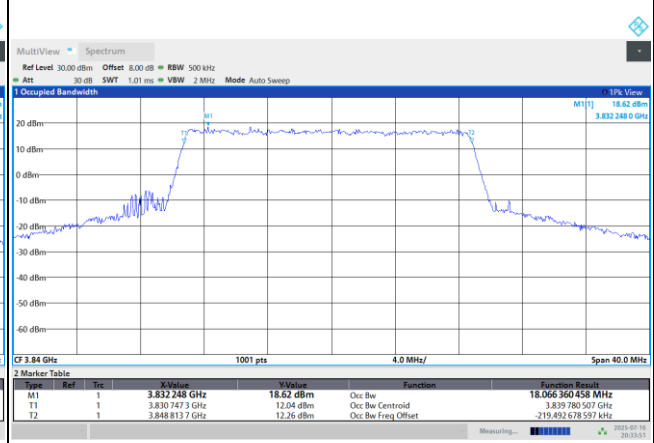
FR1 n77 / 20MHz / DFT-S OFDM / Middle Channel / Full RB

PI/2 BPSK



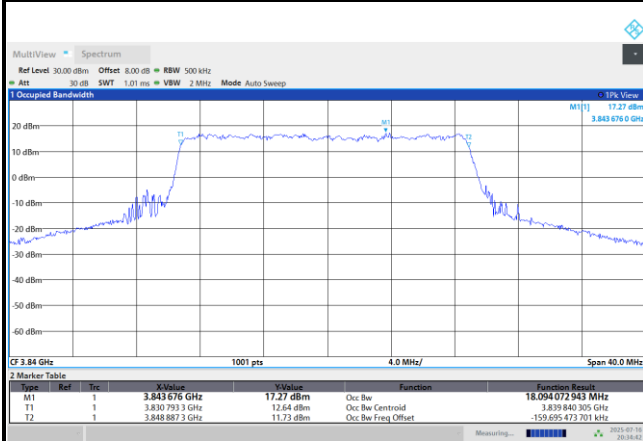
08:32:59 PM 07/16/2025

QPSK



08:33:51 PM 07/16/2025

16QAM

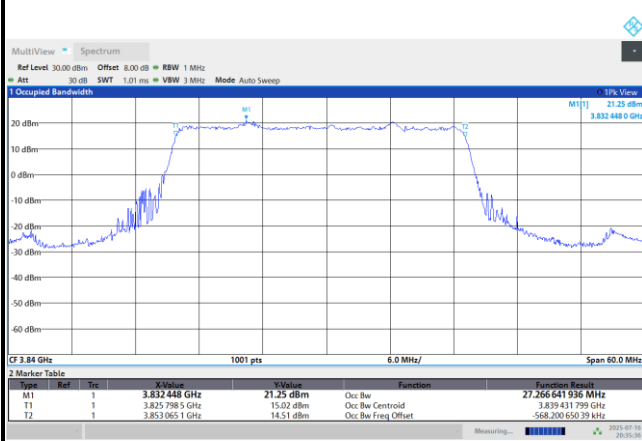


08:34:43 PM 07/16/2025



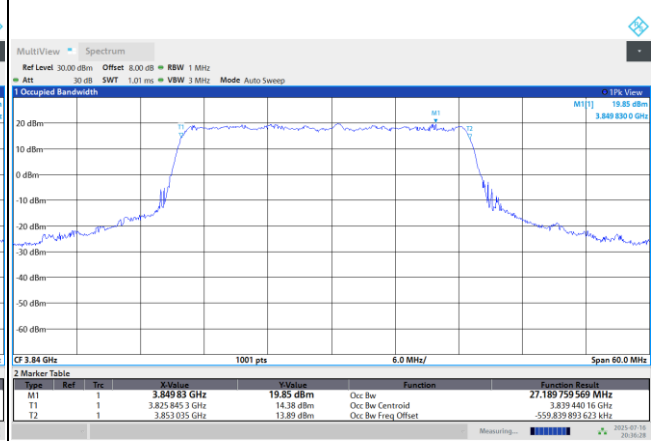
FR1 n77 / 30MHz / DFT-S OFDM / Middle Channel / Full RB

PI/2 BPSK



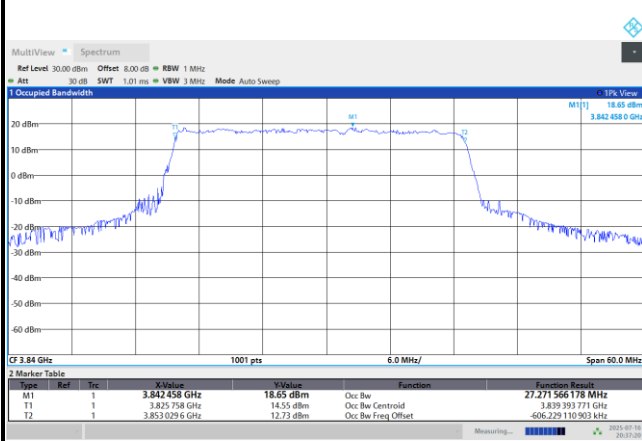
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QPSK



08:36:29 PM 07/16/2025

16QAM

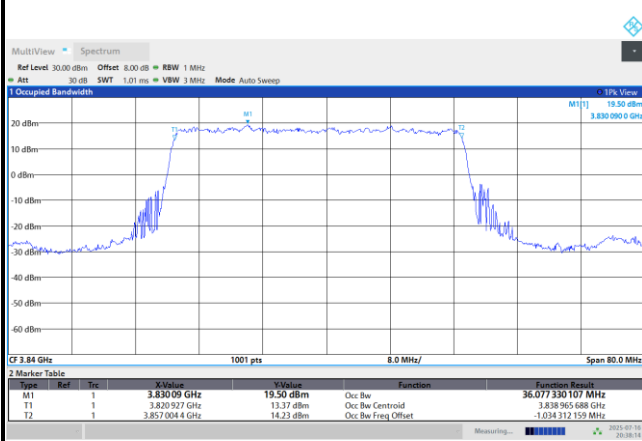


08:37:21 PM 07/16/2025



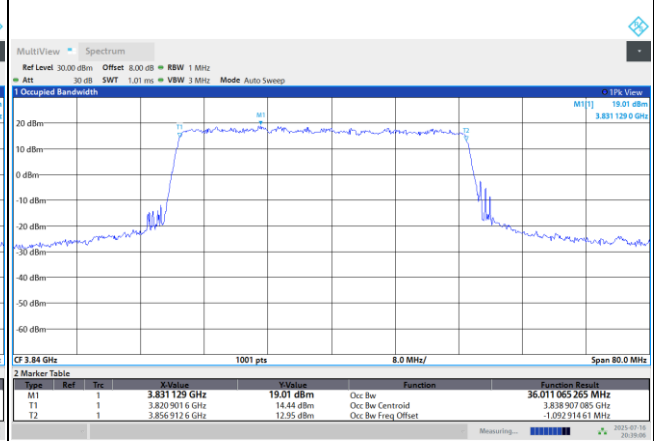
FR1 n77 / 40MHz / DFT-S OFDM / Middle Channel / Full RB

PI/2 BPSK



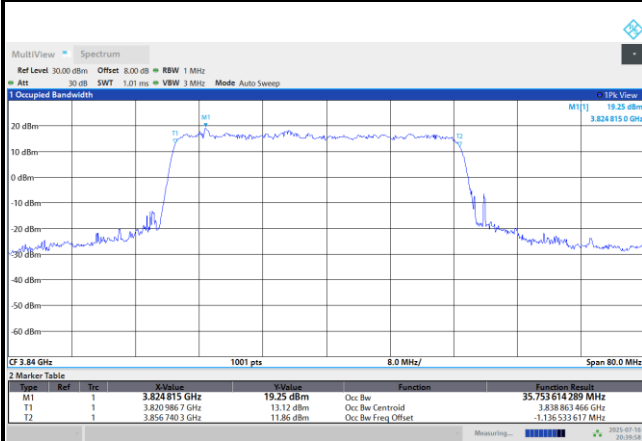
08:38:15 PM 07/16/2025

QPSK



08:39:07 PM 07/16/2025

16QAM

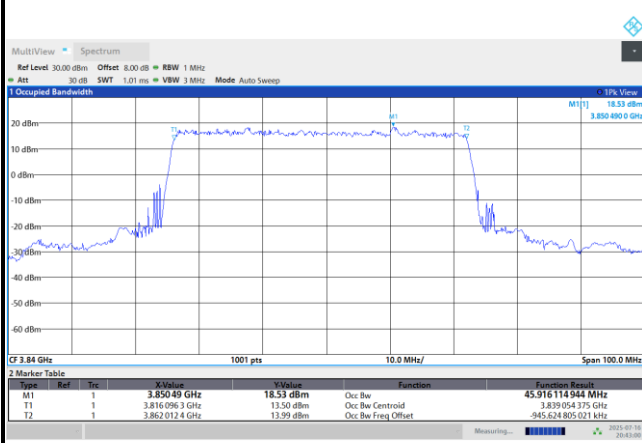


08:39:15 PM 07/16/2025



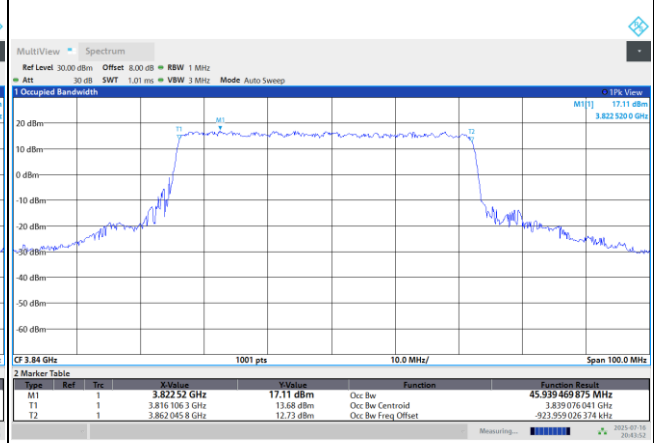
FR1 n77 / 50MHz / DFT-S OFDM / Middle Channel / Full RB

PI/2 BPSK



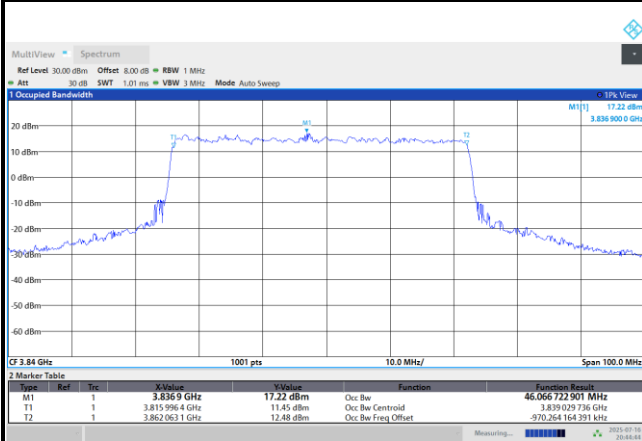
08:43:01 PM 07/16/2025

QPSK



08:43:53 PM 07/16/2025

16QAM

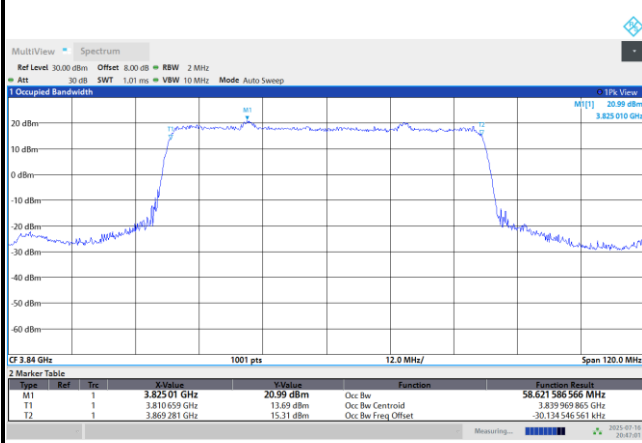


08:44:05 PM 07/16/2025



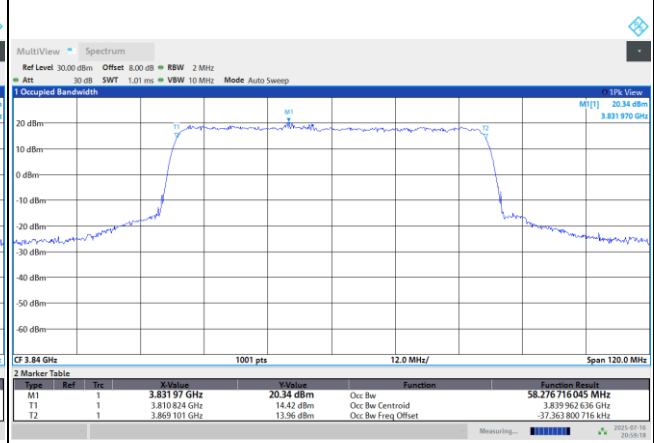
FR1 n77 / 60MHz / DFT-S OFDM / Middle Channel / Full RB

PI/2 BPSK



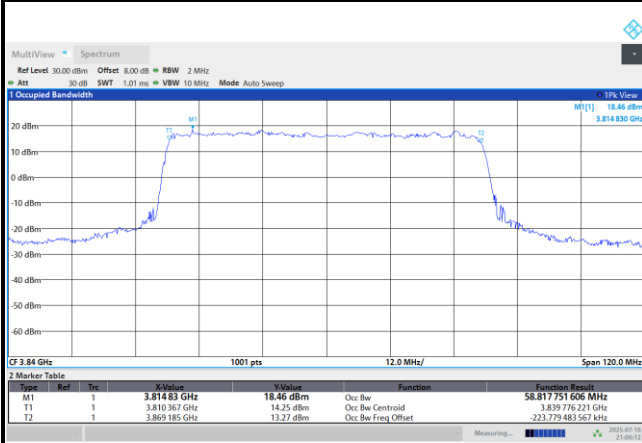
08:47:02 PM 07/14/2025

QPSK



08:59:19 PM 07/14/2025

16QAM

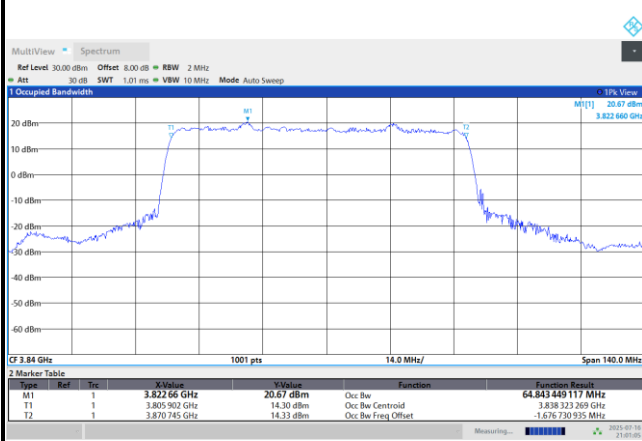


09:00:12 PM 07/14/2025



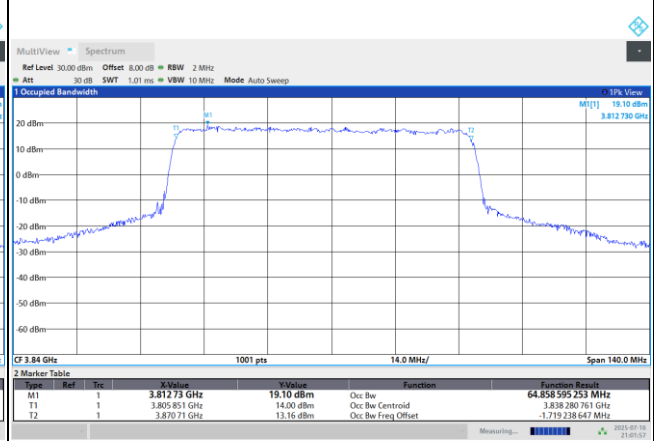
FR1 n77 / 70MHz / DFT-S OFDM / Middle Channel / Full RB

PI/2 BPSK



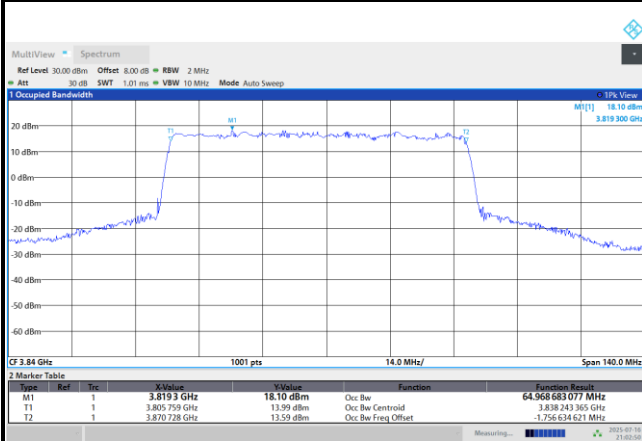
09:01:04 PM 07/14/2025

QPSK



09:01:58 PM 07/14/2025

16QAM

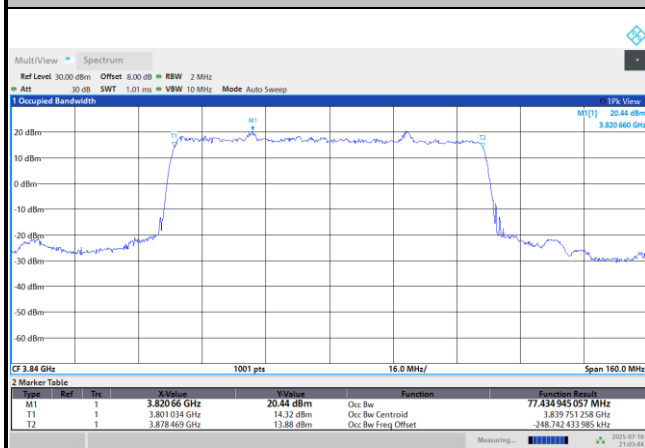


09:02:51 PM 07/14/2025



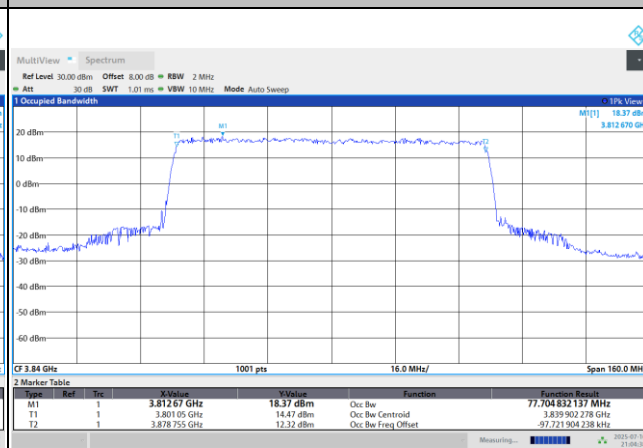
FR1 n77 / 80MHz / DFT-S OFDM / Middle Channel / Full RB

PI/2 BPSK



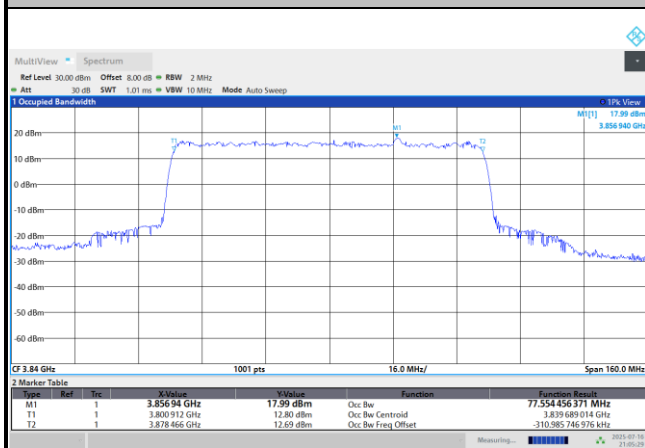
09:03:45 PM 07/16/2025

QPSK



09:04:38 PM 07/16/2025

16QAM

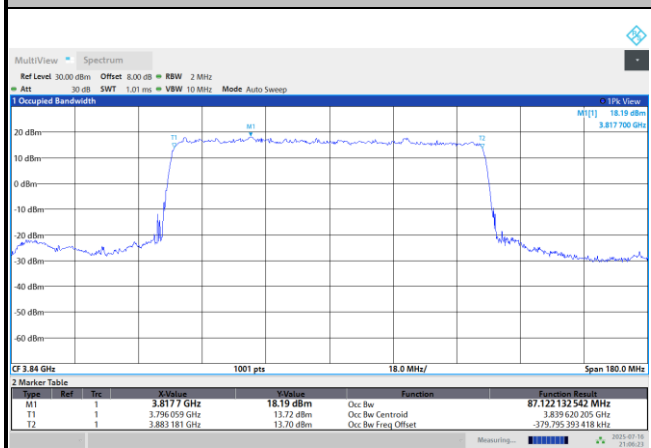


09:05:30 PM 07/16/2025



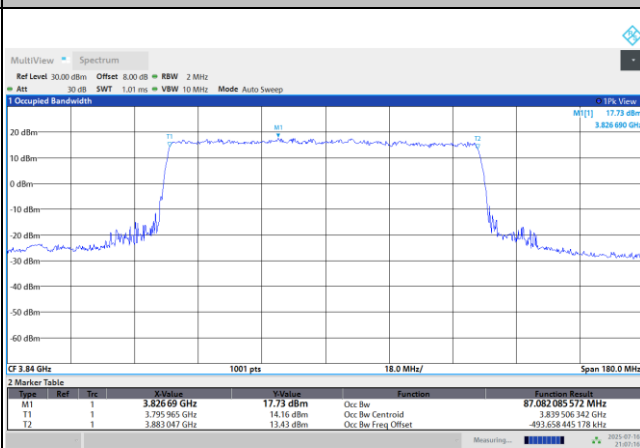
FR1 n77 / 90MHz / DFT-S OFDM / Middle Channel / Full RB

PI/2 BPSK



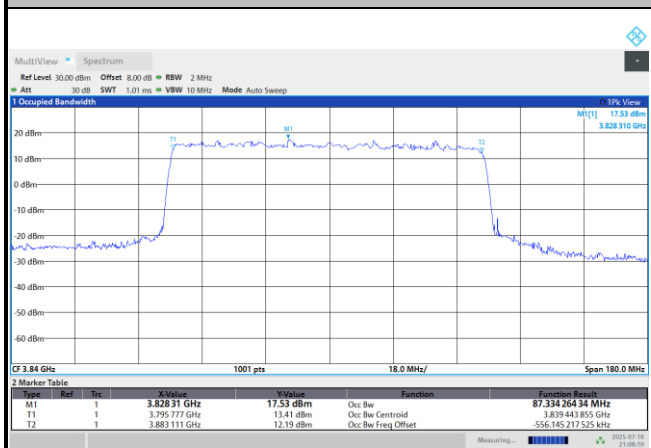
09:06:24 PM 07/16/2025

QPSK



09:07:17 PM 07/16/2025

16QAM

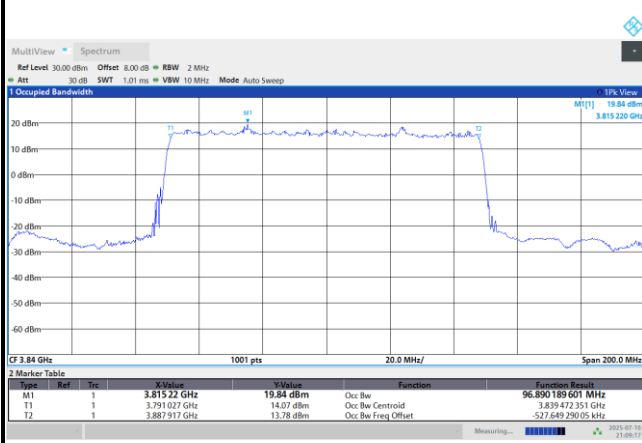


09:08:10 PM 07/16/2025



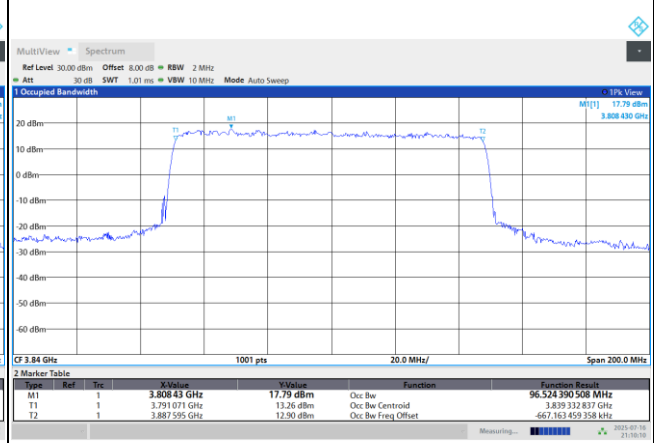
FR1 n77 / 100MHz / DFT-S OFDM / Middle Channel / Full RB

PI/2 BPSK



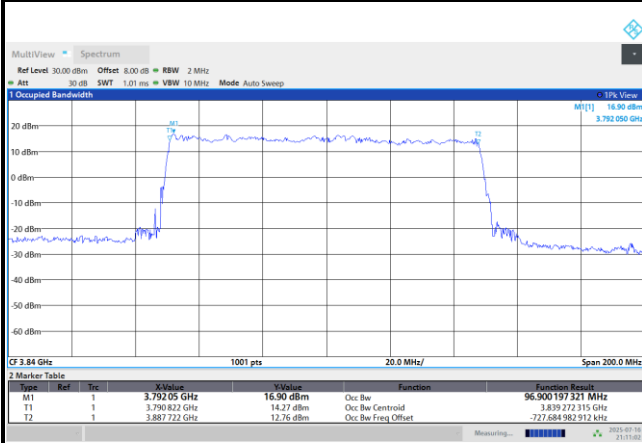
09:09:18 PM 07/14/2025

QPSK



09:10:11 PM 07/14/2025

16QAM



09:11:03 PM 07/14/2025

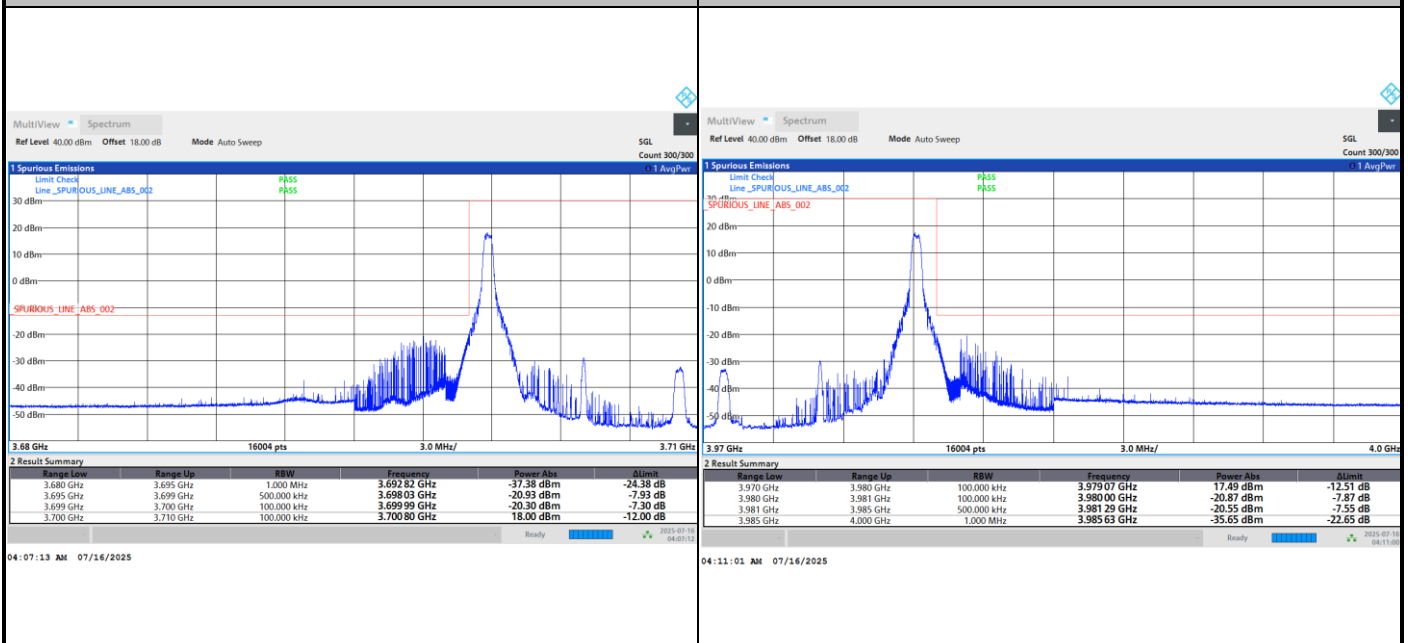


Conducted Band Edge

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

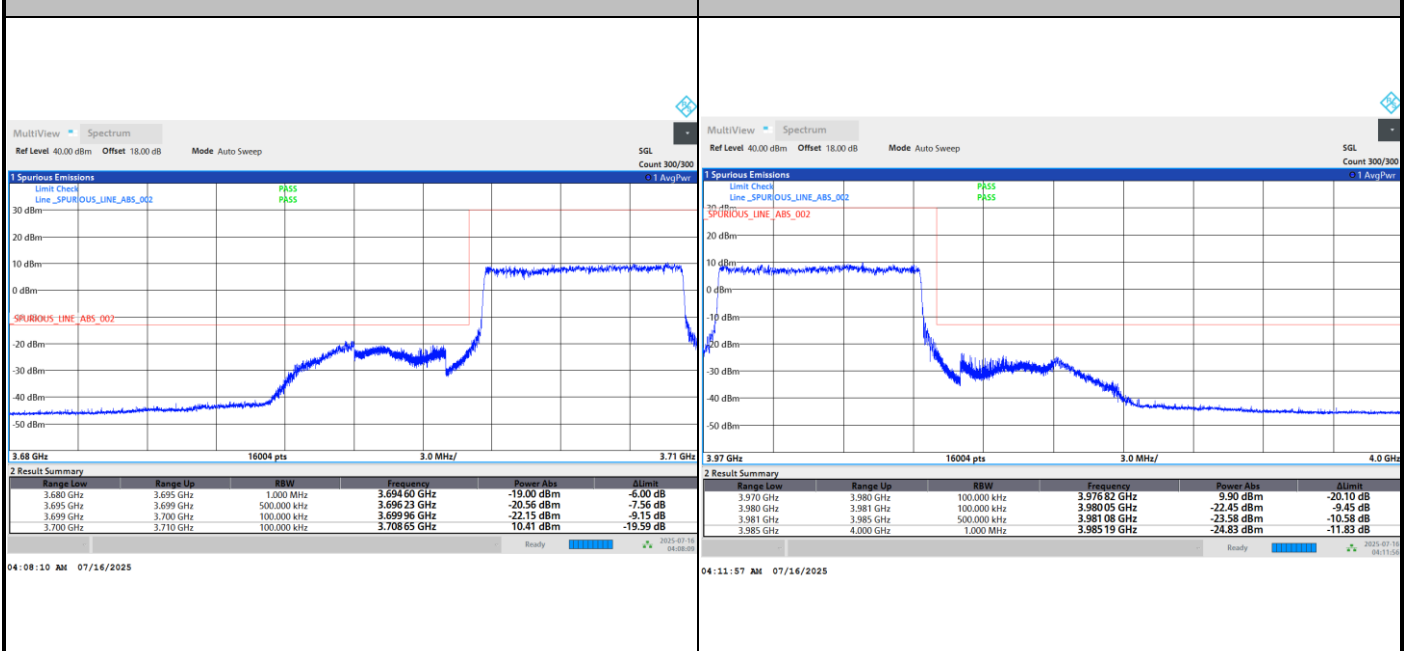
Lowest Band Edge / 1RB0

Highest Band Edge / 1RBmax



Lowest Band Edge / Full RB

Highest Band Edge / Full RB

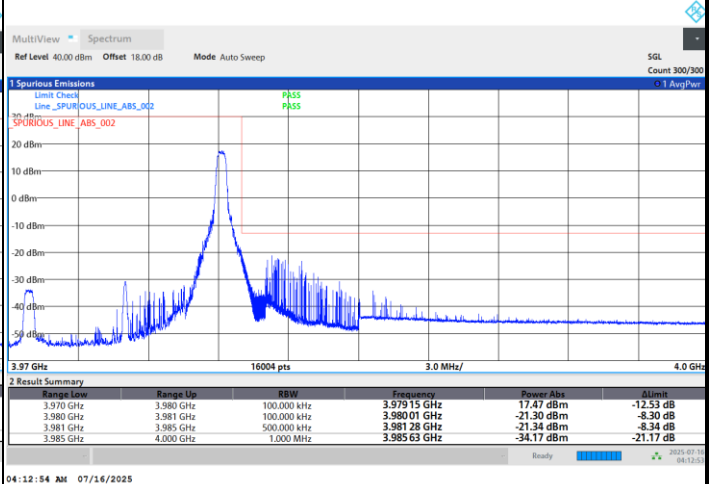
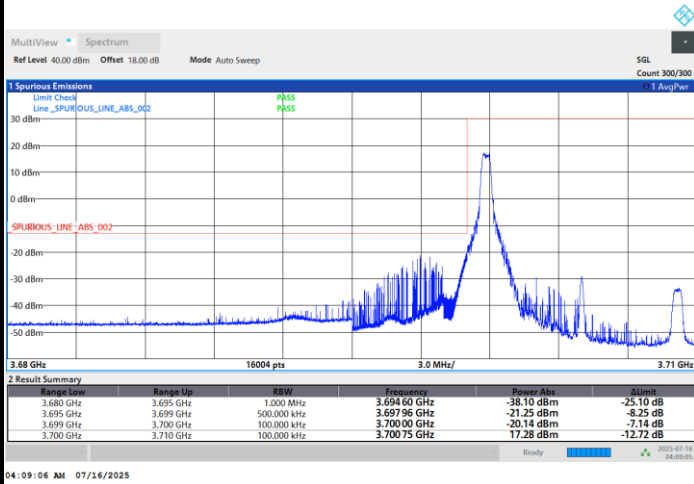




FR1 n77 / 10MHz / DFT-S OFDM / QPSK

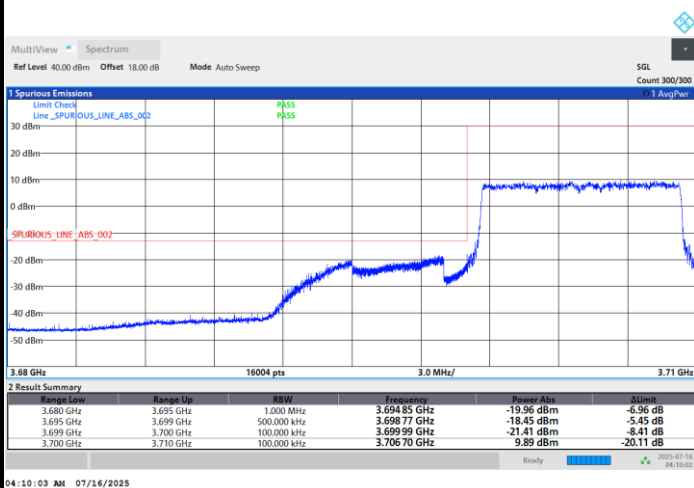
Lowest Band Edge / 1RB0

Highest Band Edge / 1RBmax



Lowest Band Edge / Full RB

Highest Band Edge / Full RB

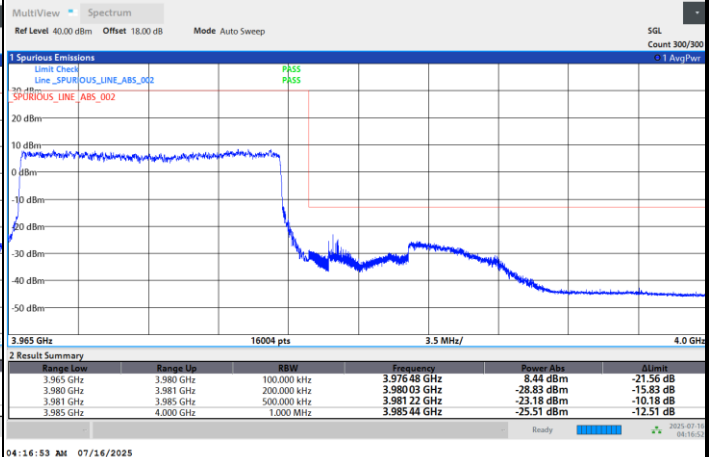
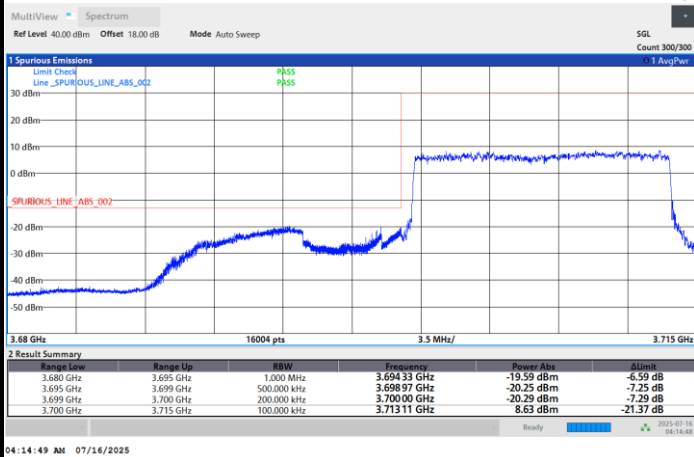




FR1 n77 / 15MHz / DFT-S OFDM / PI/2 BPSK

Lowest Band Edge / Full RB

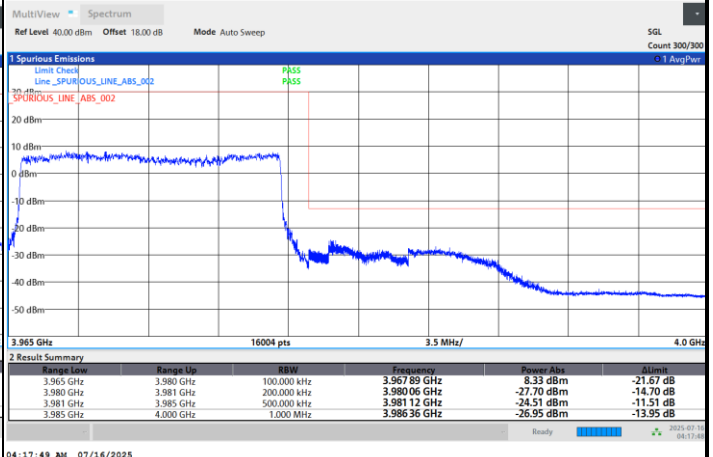
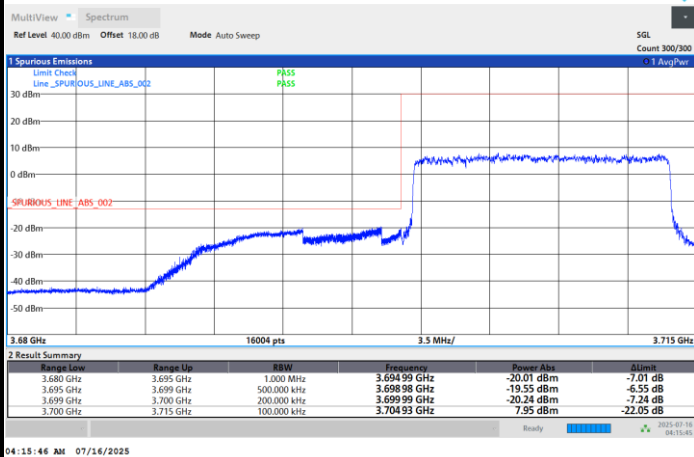
Highest Band Edge / Full RB



FR1 n77 / 15MHz / DFT-S OFDM / QPSK

Lowest Band Edge / Full RB

Highest Band Edge / Full RB

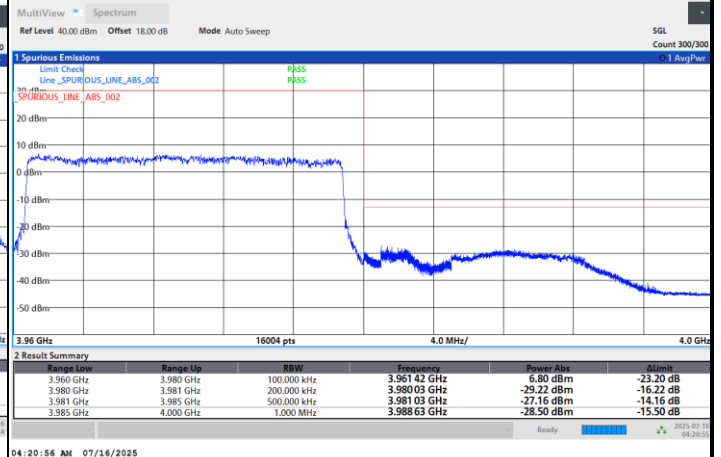
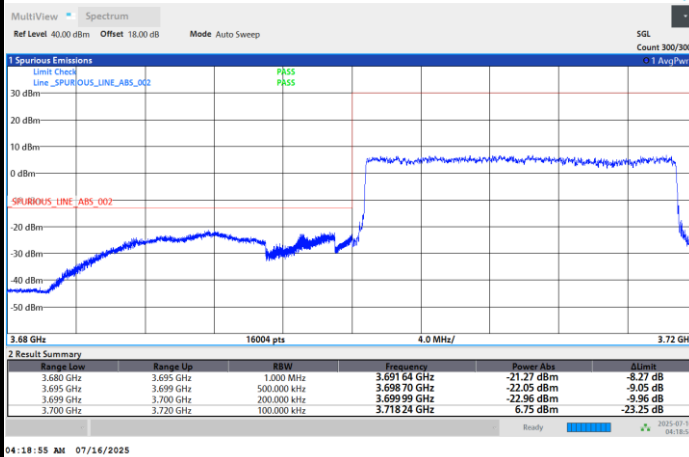




FR1 n77 / 20MHz / DFT-S OFDM / PI/2 BPSK

Lowest Band Edge / Full RB

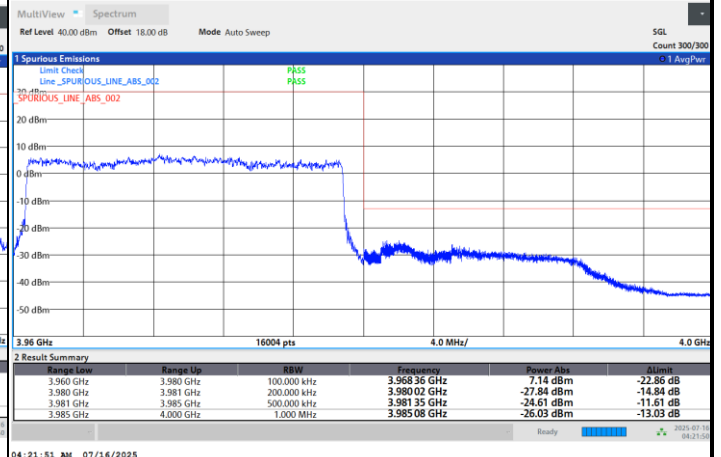
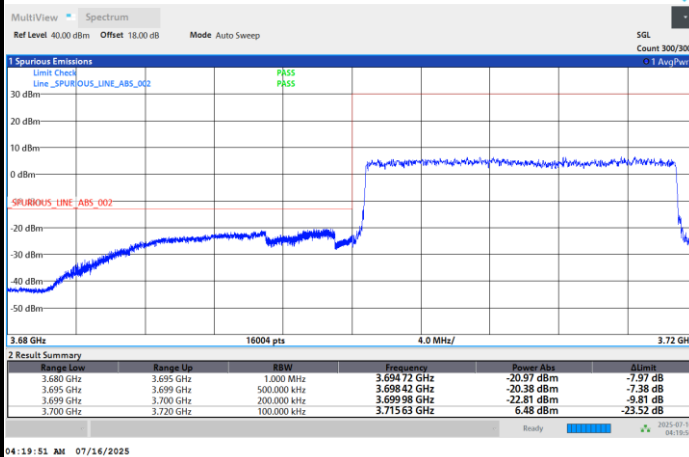
Highest Band Edge / Full RB



FR1 n77 / 20MHz / DFT-S OFDM / QPSK

Lowest Band Edge / Full RB

Highest Band Edge / Full RB

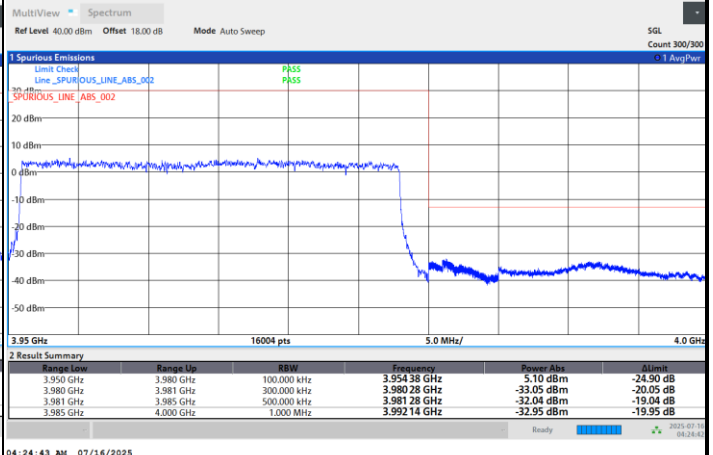
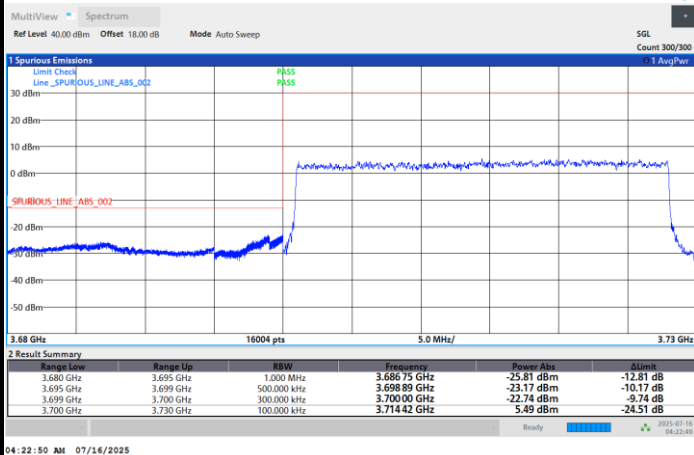




FR1 n77 / 30MHz / DFT-S OFDM / PI/2 BPSK

Lowest Band Edge / Full RB

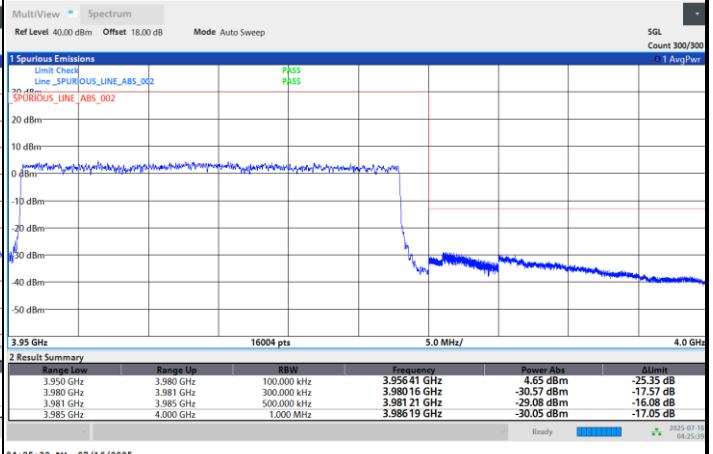
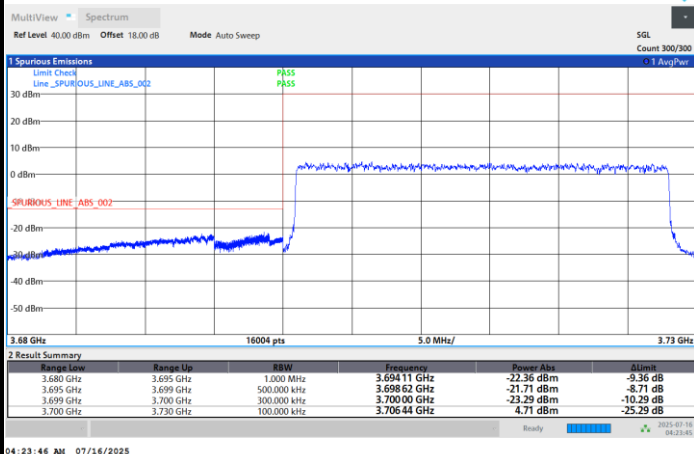
Highest Band Edge / Full RB



FR1 n77 / 30MHz / DFT-S OFDM / QPSK

Lowest Band Edge / Full RB

Highest Band Edge / Full RB

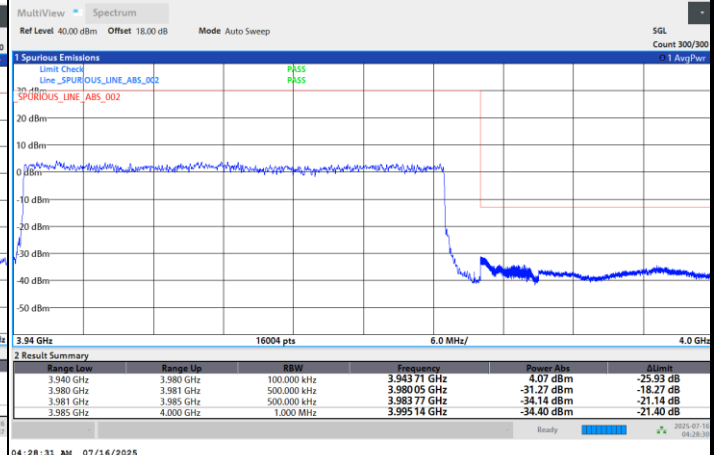
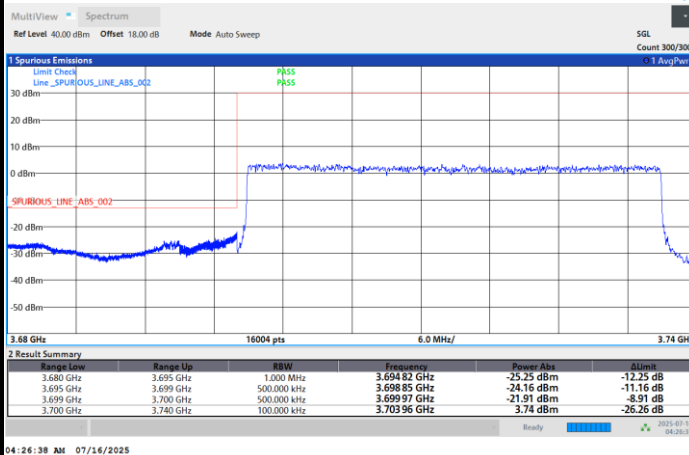




FR1 n77 / 40MHz / DFT-S OFDM / PI/2 BPSK

Lowest Band Edge / Full RB

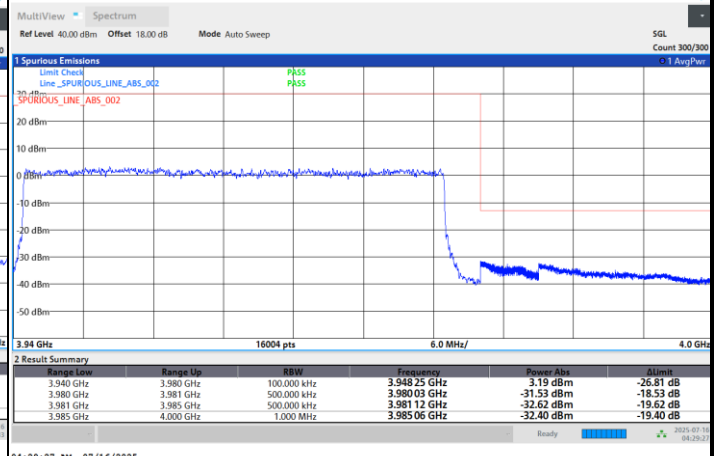
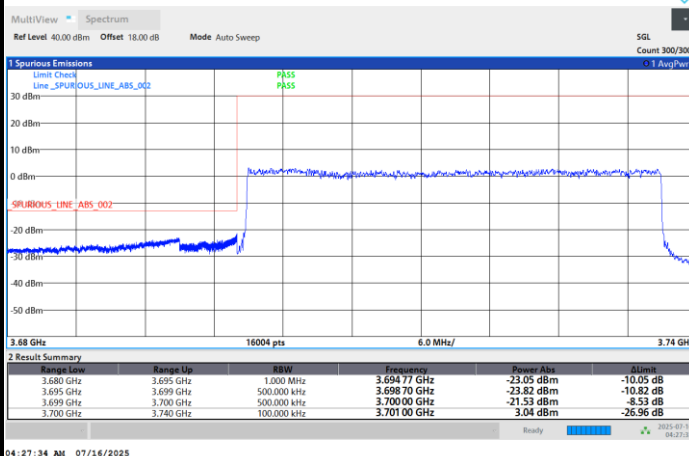
Highest Band Edge / Full RB



FR1 n77 / 40MHz / DFT-S OFDM / QPSK

Lowest Band Edge / Full RB

Highest Band Edge / Full RB

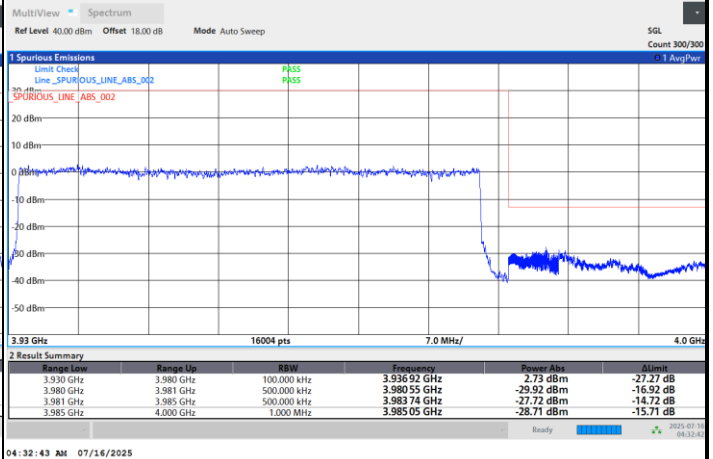
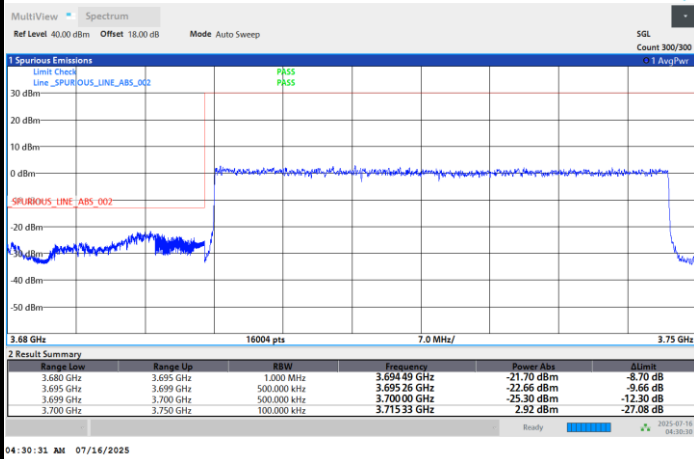




FR1 n77 / 50MHz / DFT-S OFDM / PI/2 BPSK

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



FR1 n77 / 50MHz / DFT-S OFDM / QPSK

Lowest Band Edge / Full RB

Highest Band Edge / Full RB

