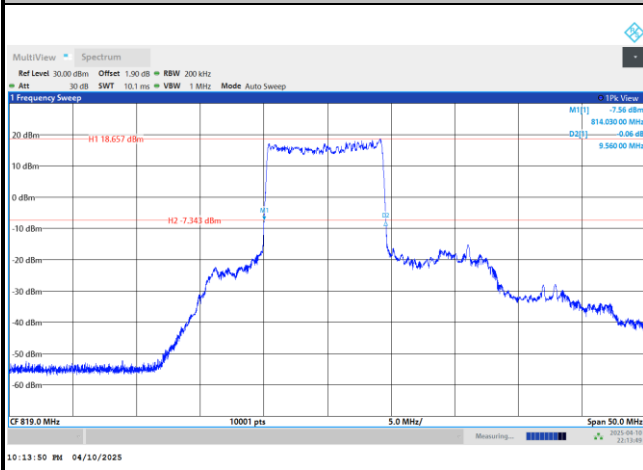
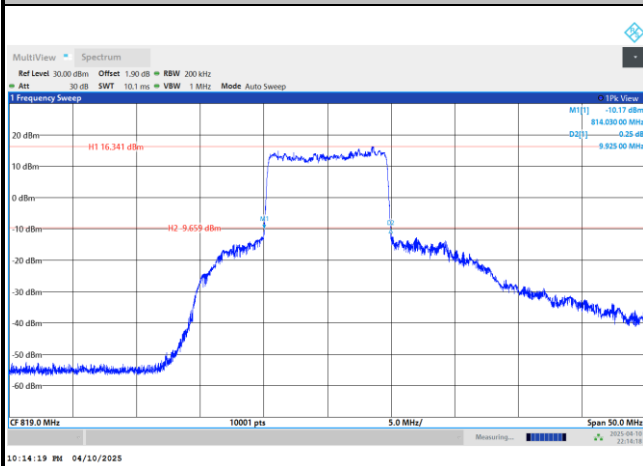
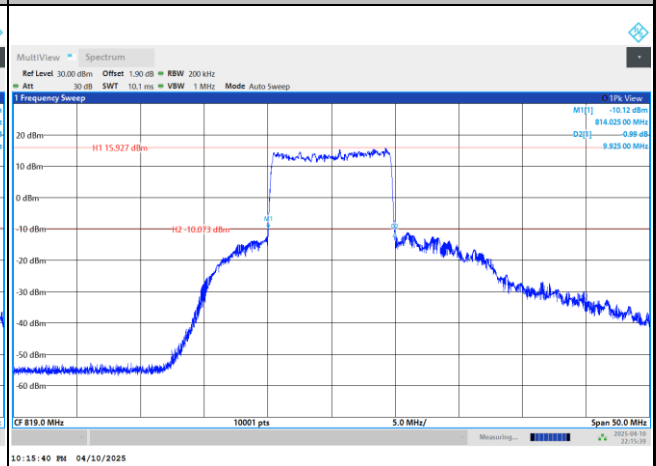
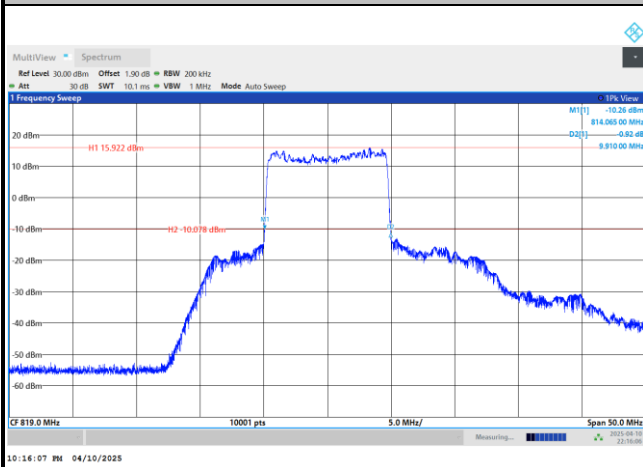
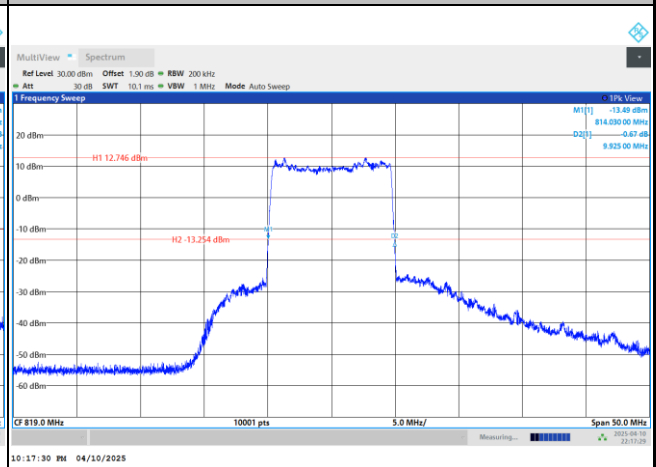


FR1 n26 / 10MHz / DFT-S OFDM / Middle Channel / Full RB
PI/2 BPSK

FR1 n26 / 10MHz / CP OFDM / Middle Channel / Full RB
QPSK

16QAM

64QAM

256QAM


**Occupied Bandwidth**

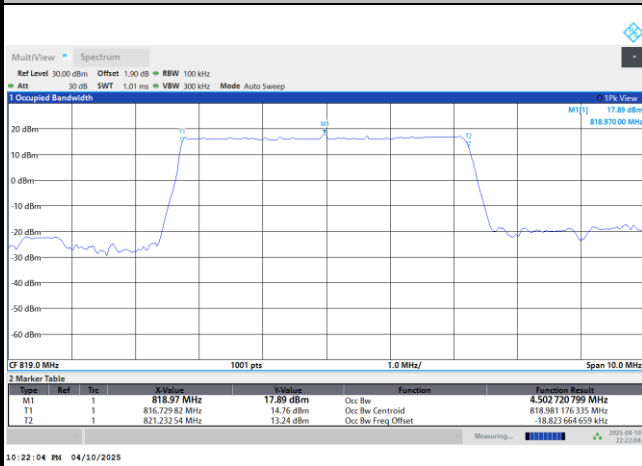
Mode	FR1 n26 : 99%OBW(MHz) / DFT-S OFDM							
BW	5MHz		10MHz					
Mod.	PI/2 BPSK		PI/2 BPSK					
Middle CH	4.50		9.04					

Mode	FR1 n26 : 99%OBW (MHz) / CP OFDM							
BW	5MHz		10MHz					
Mod.	QPSK	16QAM	QPSK	16QAM				
Middle CH	4.50	4.50	9.35	9.37				
Mod.	64QAM	256QAM	64QAM	256QAM				
Middle CH	4.51	4.49	9.36	9.34				



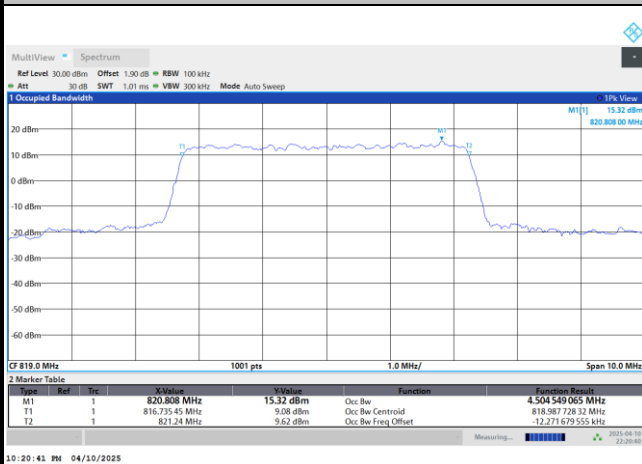
FR1 n26 / 5MHz / DFT-S OFDM / Middle Channel / Full RB

PI/2 BPSK

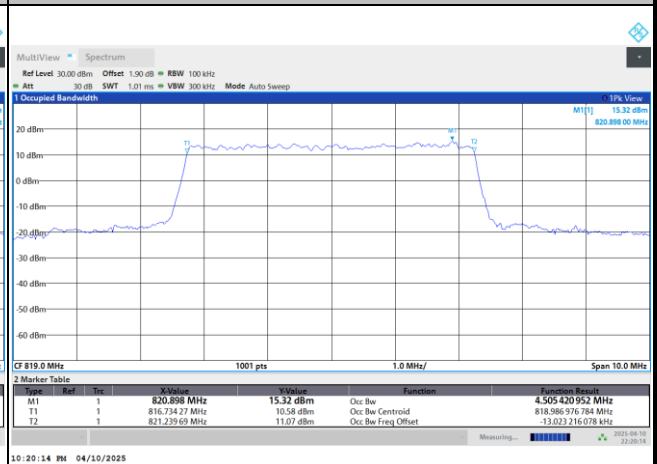


FR1 n26 / 5MHz / CP OFDM / Middle Channel / Full RB

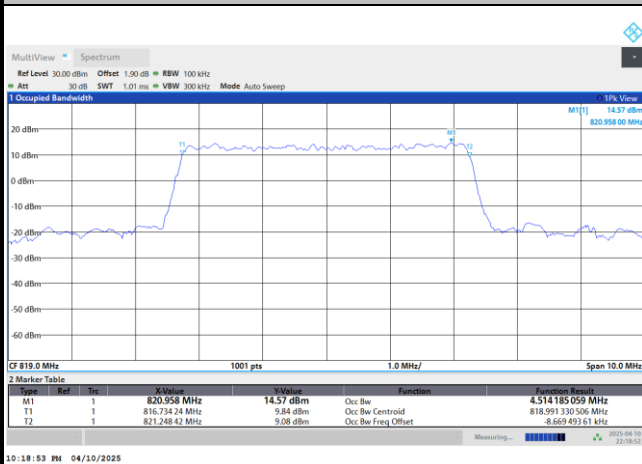
QPSK



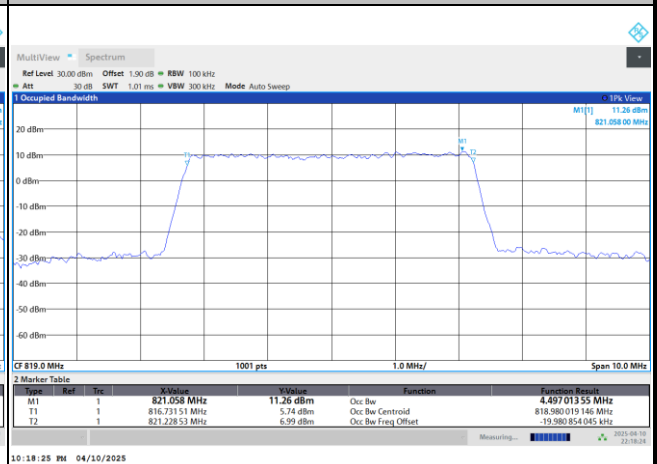
16QAM



64QAM



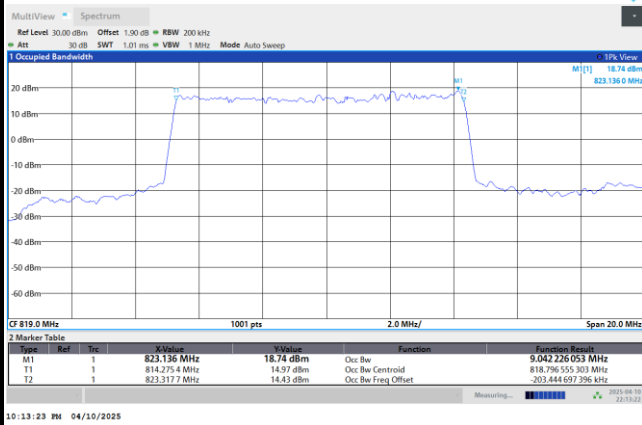
256QAM





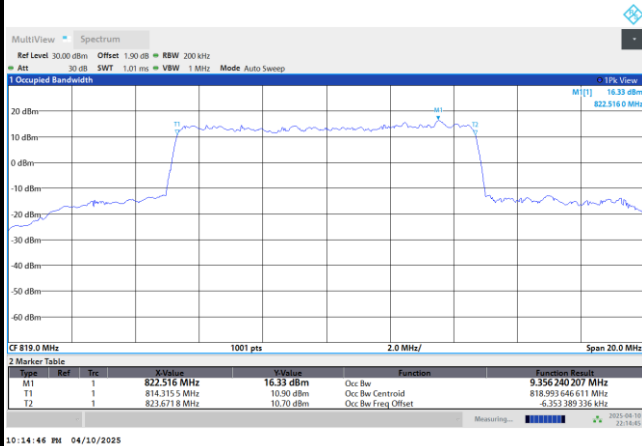
FR1 n26 / 10MHz / DFT-S OFDM / Middle Channel / Full RB

PI/2 BPSK

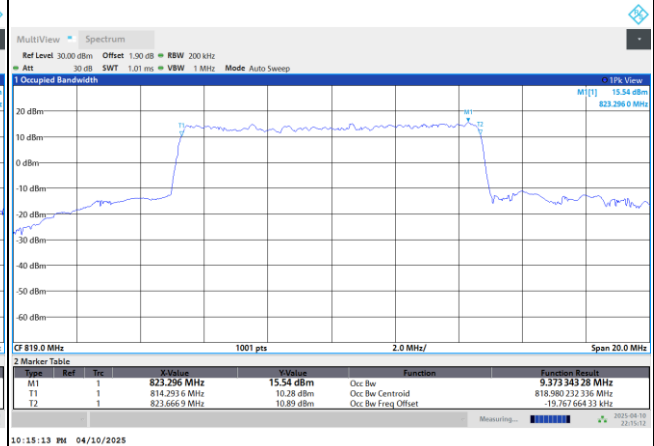


FR1 n26 / 10MHz / CP OFDM / Middle Channel / Full RB

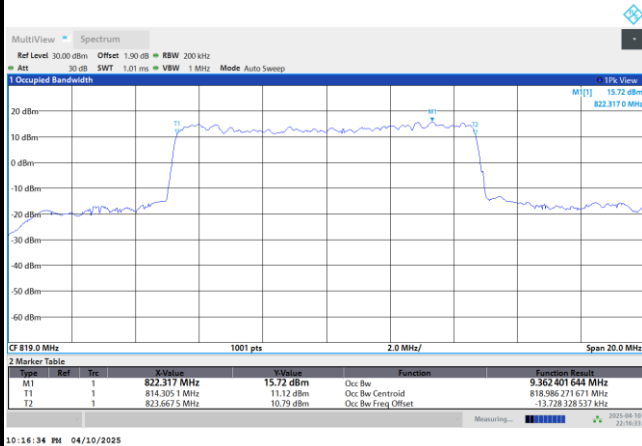
QPSK



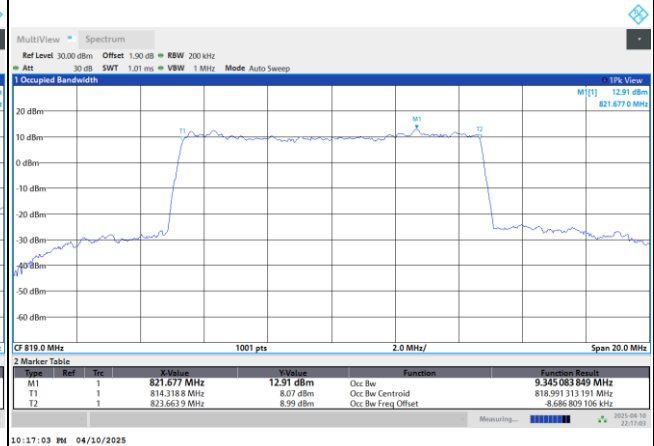
16QAM



64QAM



256QAM

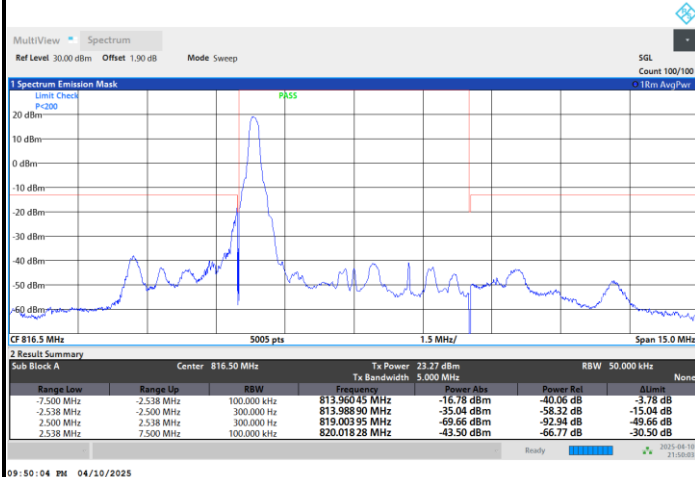




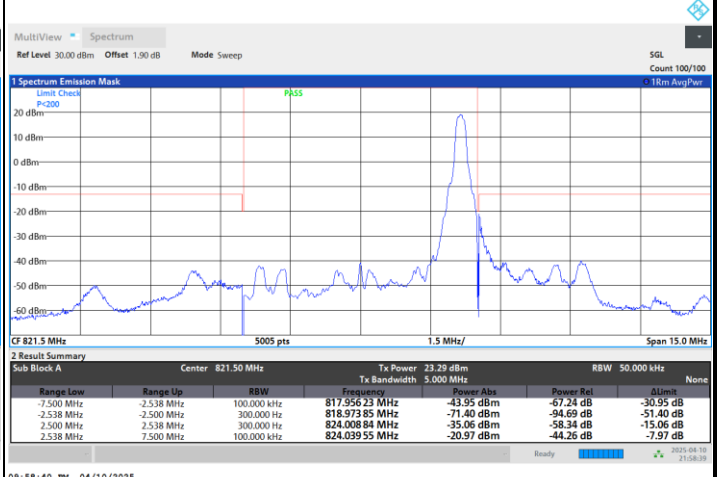
Emission masks – In-band emissions

FR1 n26 / 5MHz / DFT-S OFDM / PI/2 BPSK

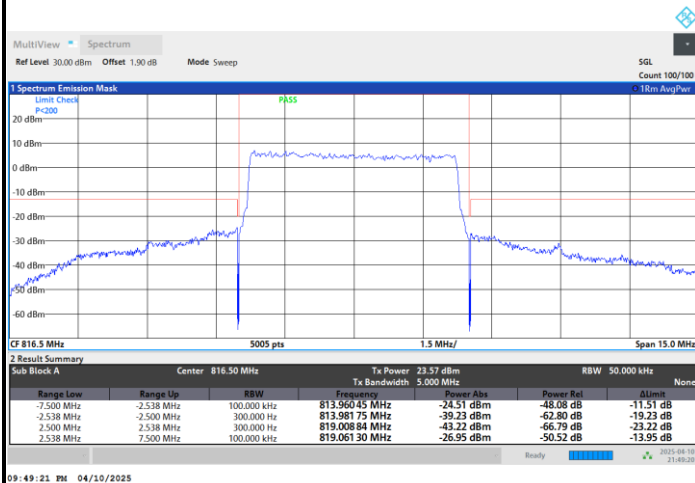
Lowest MASK / 1RB0



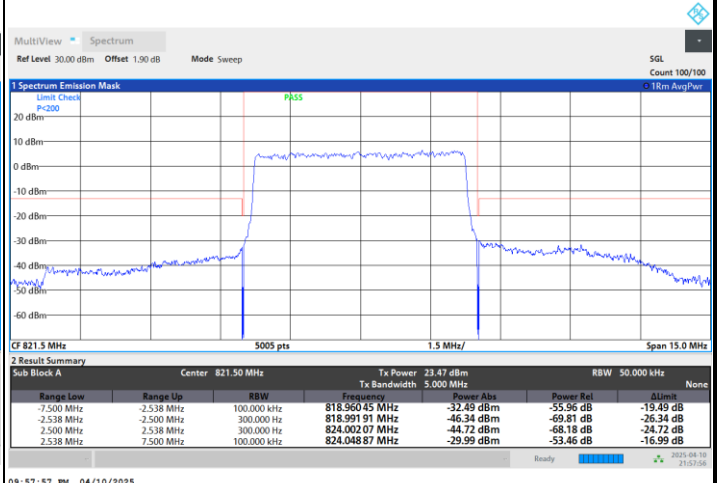
Highest MASK / 1RBmax



Lowest MASK / Full RB



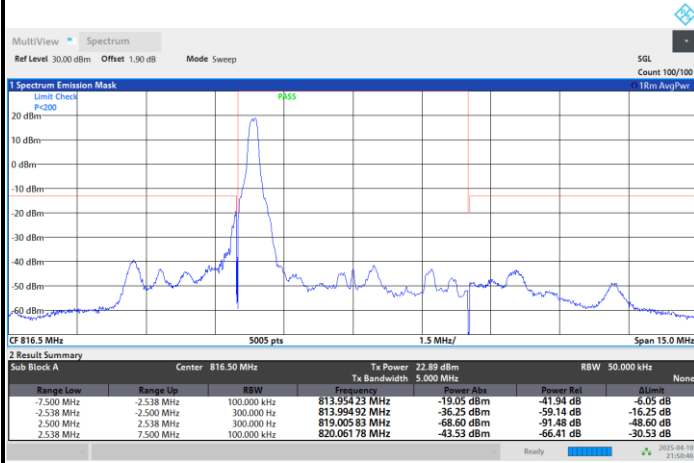
Highest MASK / Full RB





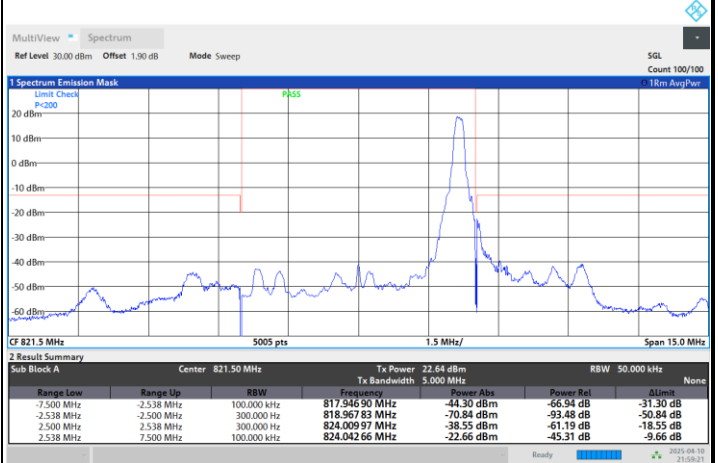
FR1 n26 / 5MHz / DFT-S OFDM / QPSK

Lowest MASK / 1RB0



09:50:46 PM 04/10/2025

Highest MASK / 1RBmax



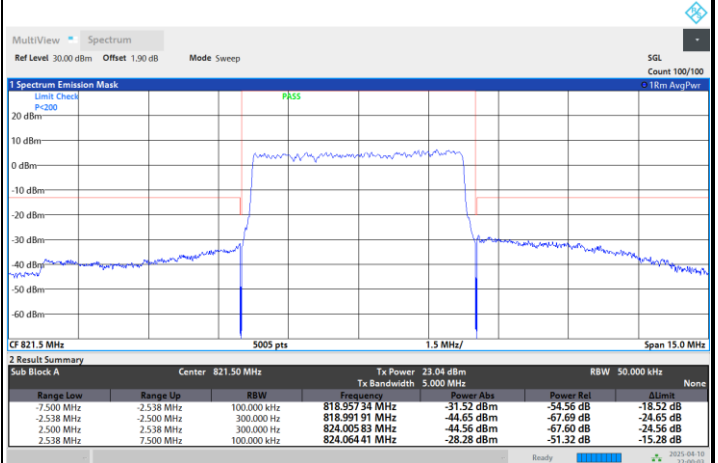
09:59:22 PM 04/10/2025

Lowest MASK / Full RB



09:51:28 PM 04/10/2025

Highest MASK / Full RB

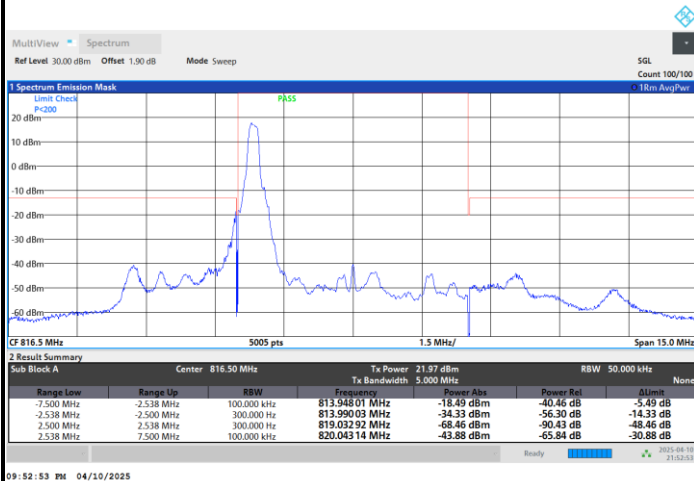


10:00:04 PM 04/10/2025

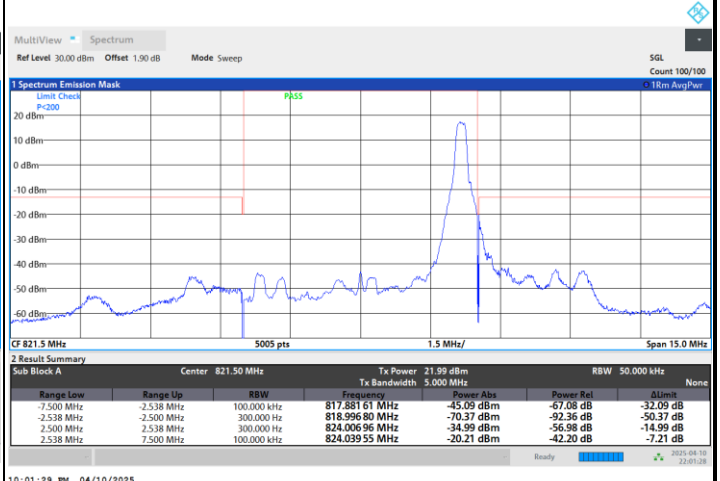


FR1 n26 / 5MHz / DFT-S OFDM / 16QAM

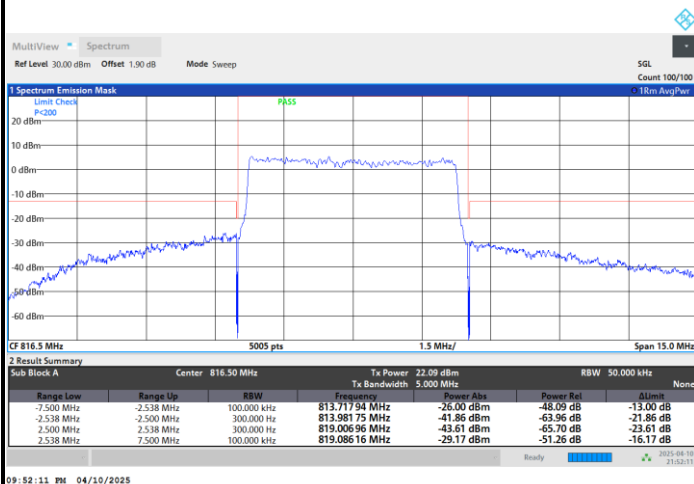
Lowest MASK / 1RB0



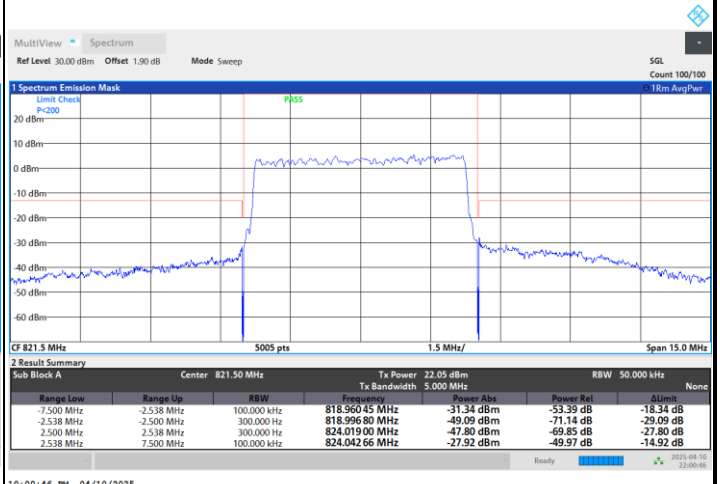
Highest MASK / 1RBmax



Lowest MASK / Full RB



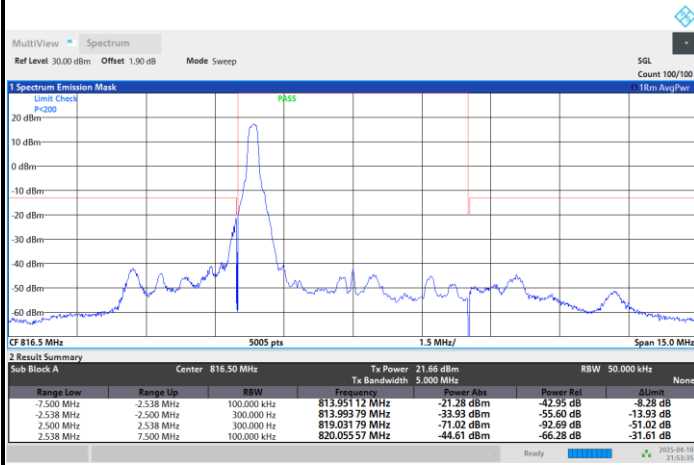
Highest MASK / Full RB





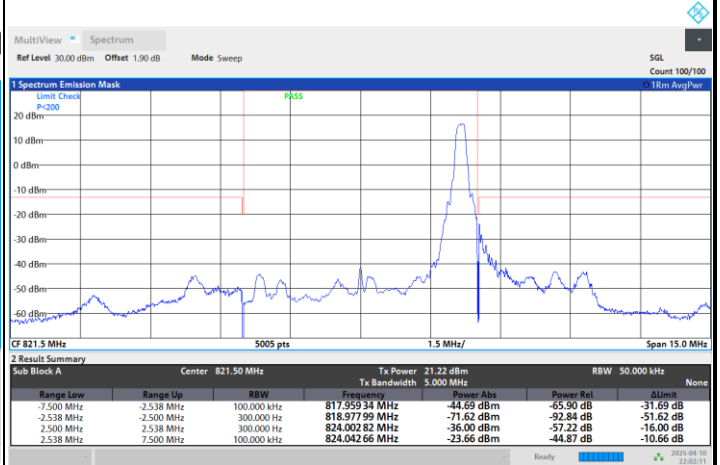
FR1 n26 / 5MHz / DFT-S OFDM / 64QAM

Lowest MASK / 1RB0



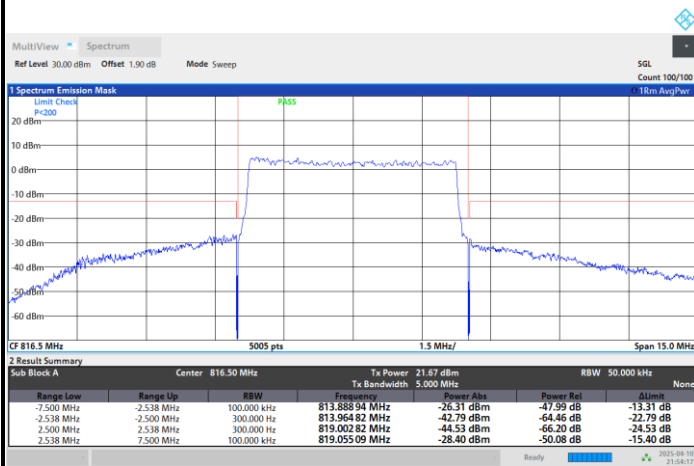
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Highest MASK / 1RBmax



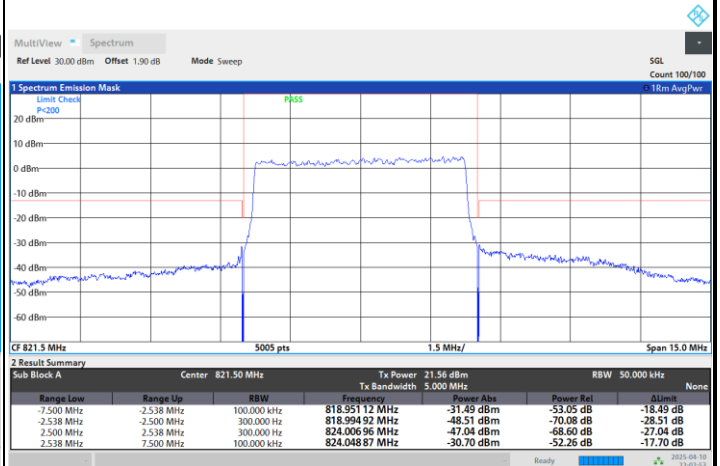
10:02:11 PM 04/10/2025

Lowest MASK / Full RB



09:54:18 PM 04/10/2025

Highest MASK / Full RB

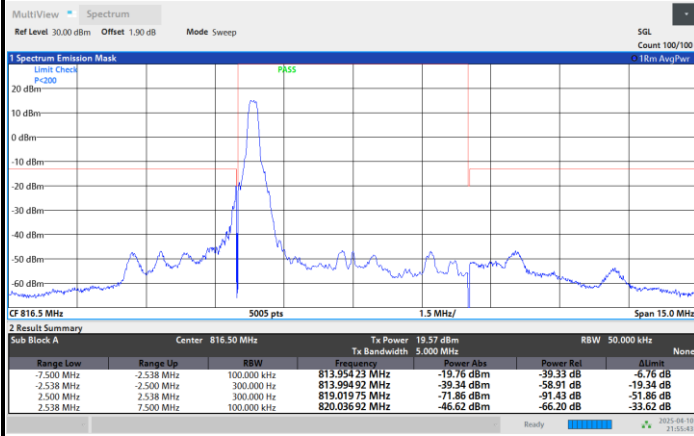


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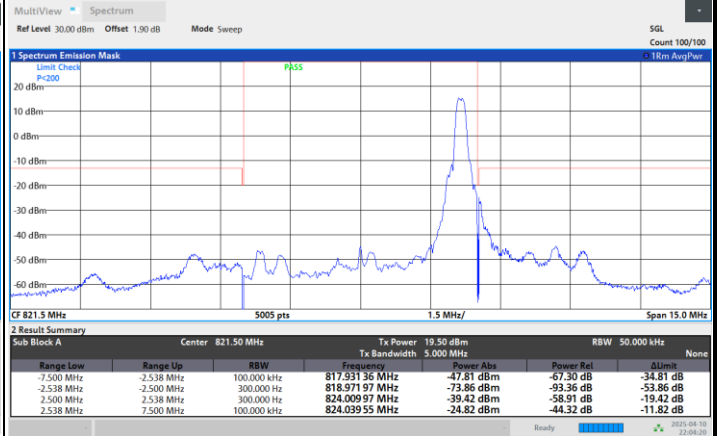
FR1 n26 / 5MHz / DFT-S OFDM / 256QAM

Lowest MASK / 1RB0



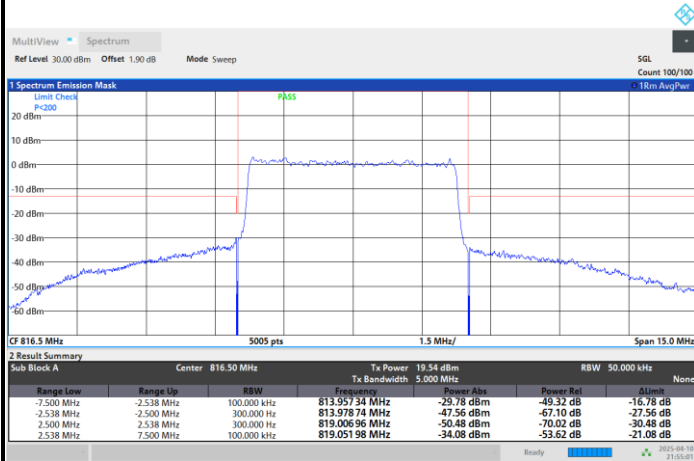
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Highest MASK / 1RBmax



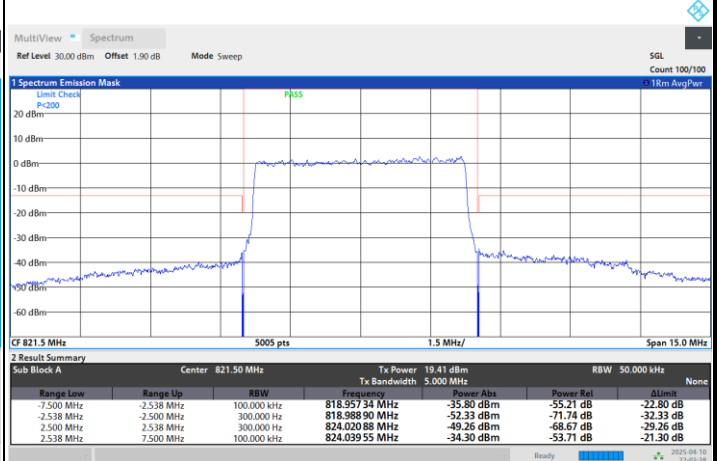
10:04:21 PM 04/10/2025

Lowest MASK / Full RB



09:55:02 PM 04/10/2025

Highest MASK / Full RB

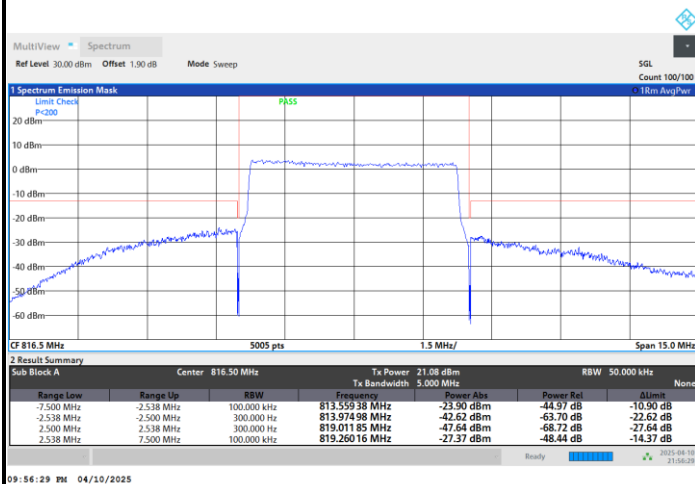


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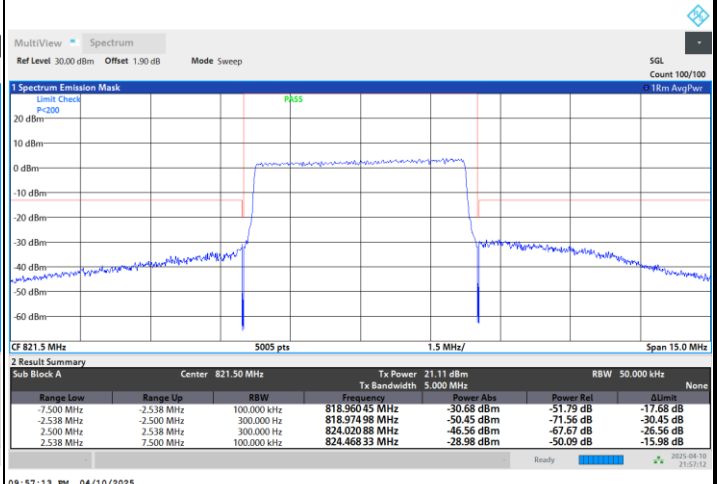


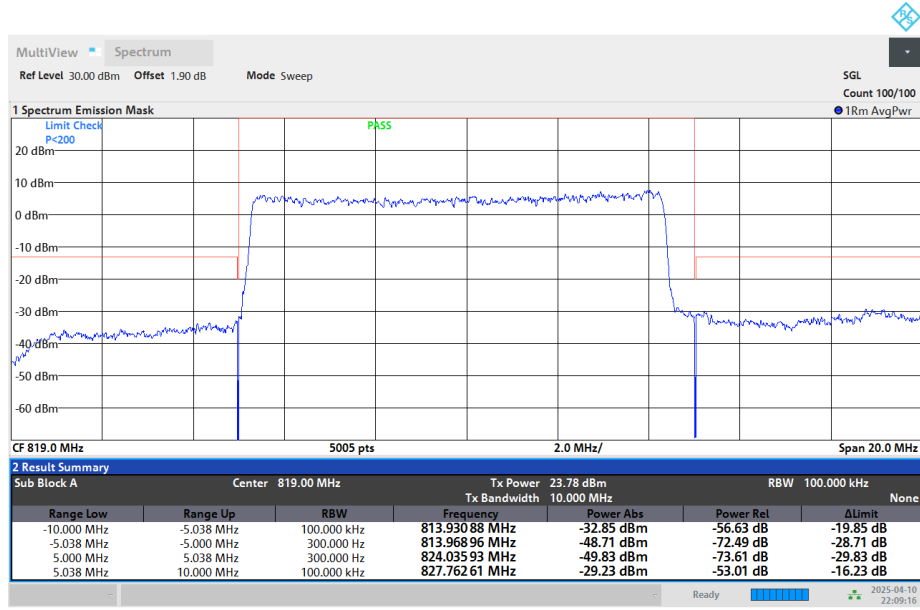
FR1 n26 / 5MHz / CP OFDM / QPSK / Full RB

Lowest MASK

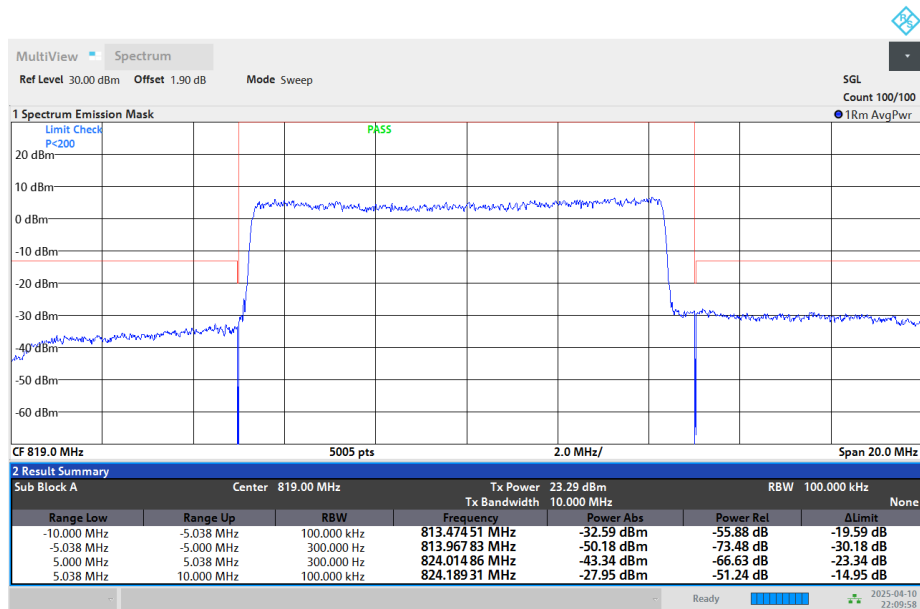


Highest MASK



**FR1 n26 / 10MHz / DFT-s-OFDM / PI/2 BPSK****Middle MASK / Full RB**

10:09:16 PM 04/10/2025

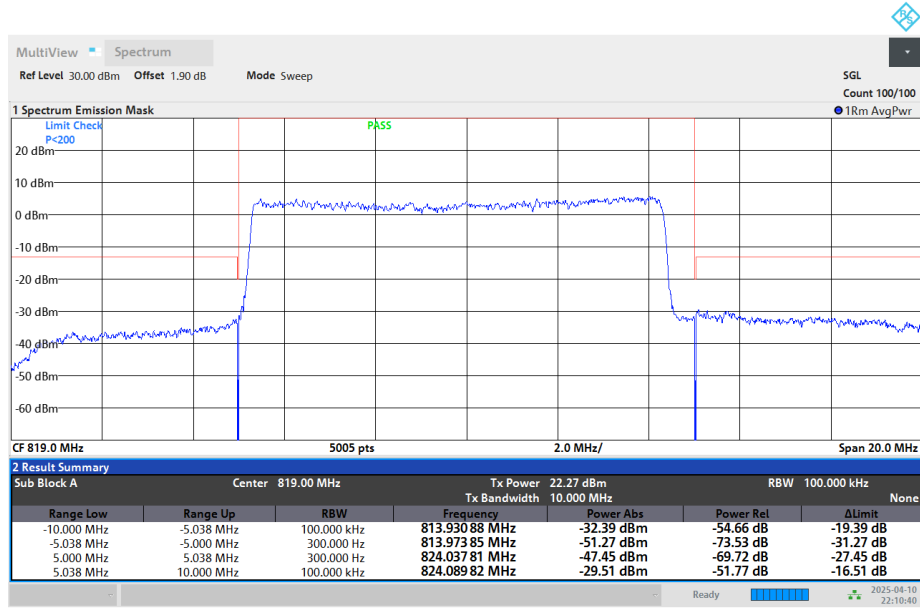
FR1 n26 / 10MHz / DFT-s-OFDM / QPSK**Lowest MASK / Full RB**

10:09:58 PM 04/10/2025



FR1 n26 / 10MHz / DFT-s-OFDM / 16QAM

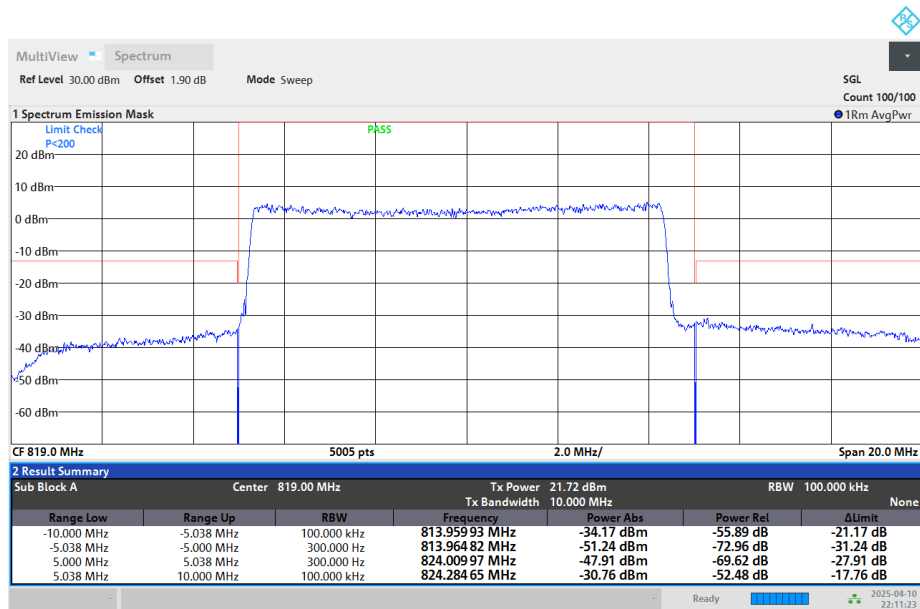
Middle MASK / Full RB



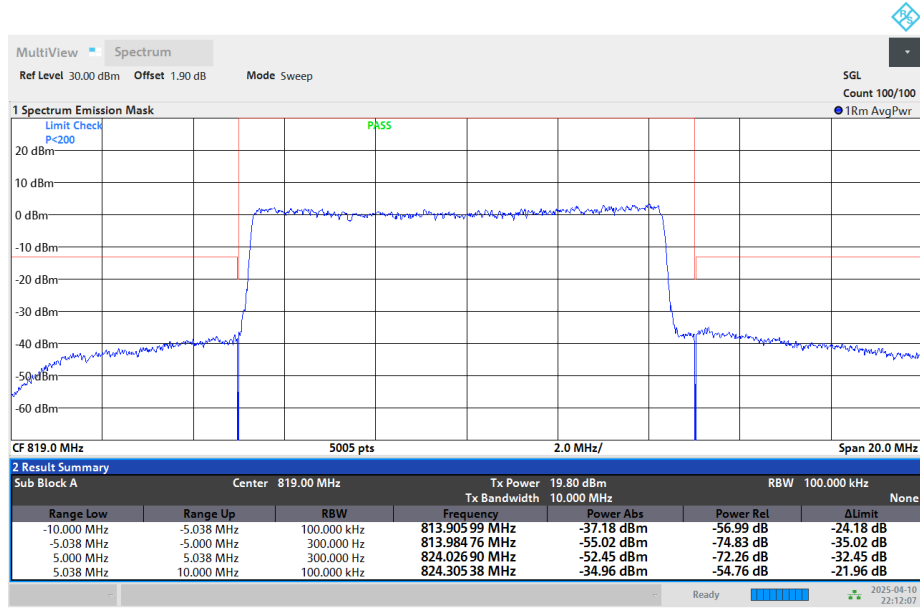
10:10:41 PM 04/10/2025

FR1 n26 / 10MHz / DFT-s-OFDM / 64QAM

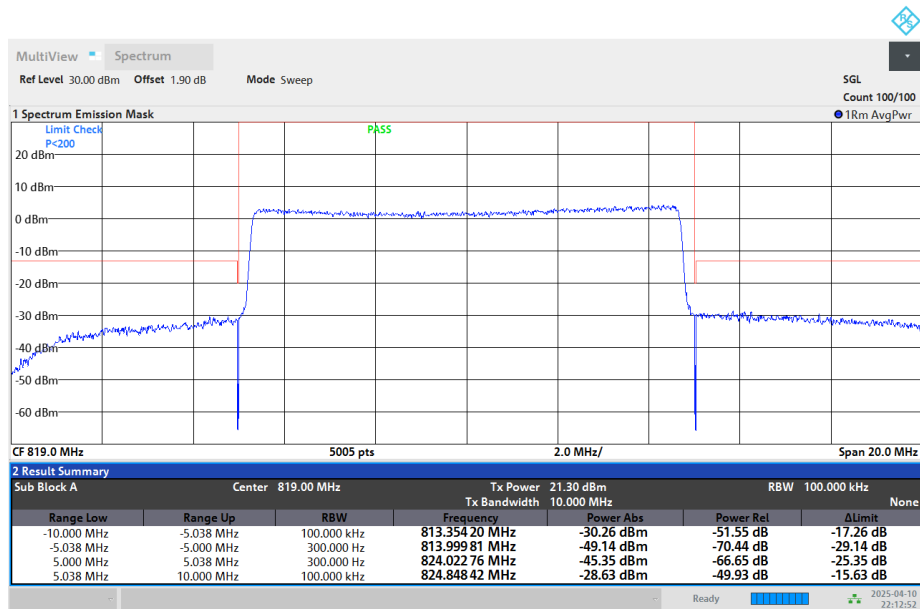
Middle MASK / Full RB



10:11:23 PM 04/10/2025

**FR1 n26 / 10MHz / DFT-s-OFDM / 256QAM****Middle MASK / Full RB**

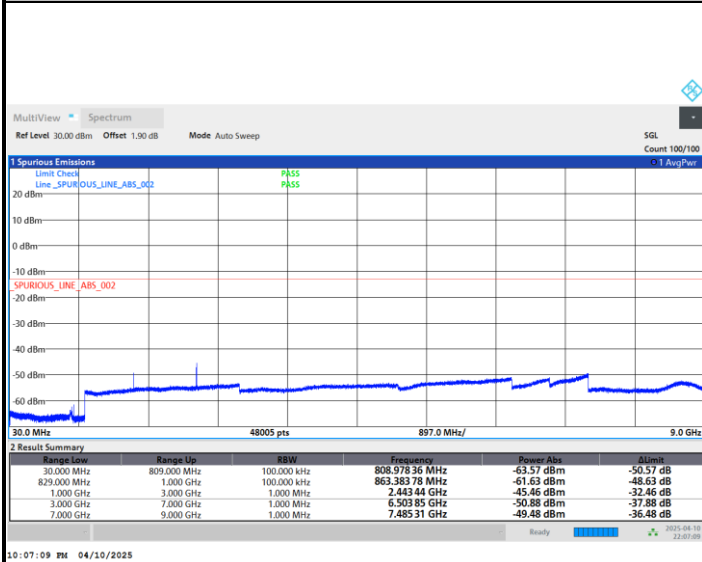
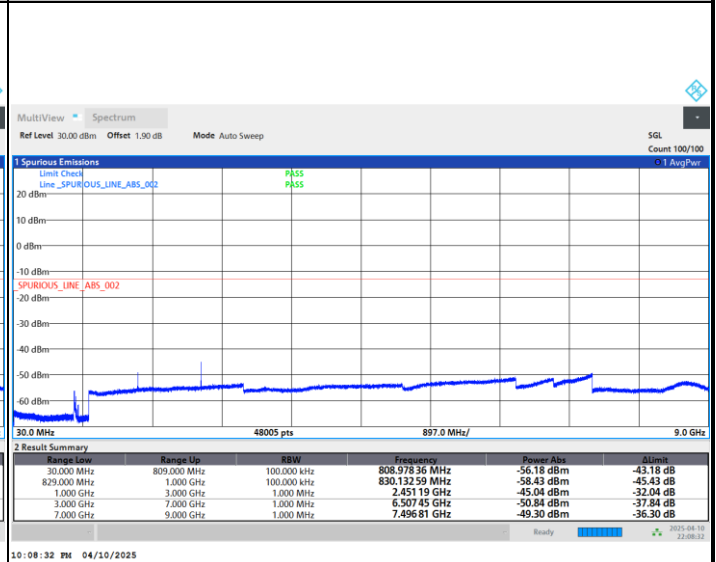
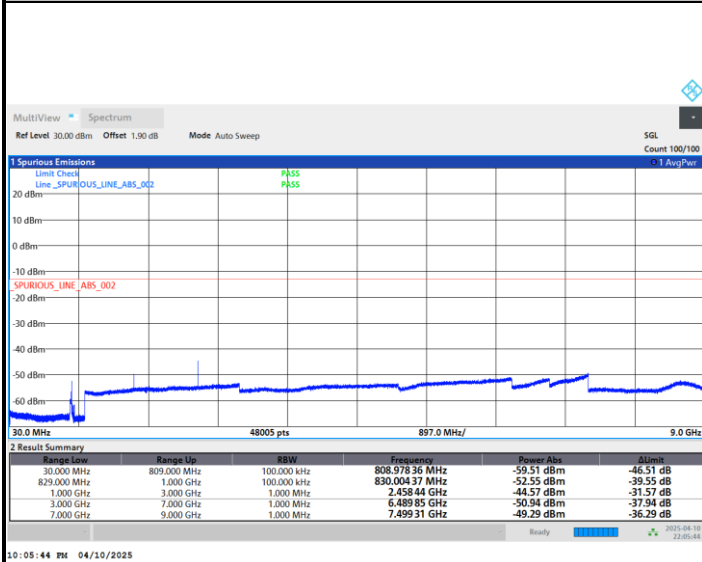
10:12:07 PM 04/10/2025

FR1 n26 / 10MHz / CP OFDM / QPSK / Full RB**Middle MASK**

10:12:53 PM 04/10/2025

**Emission masks – Out of band emissions**

FR1 n26 / 5MHz / DFT-S OFDM / QPSK / 1RB1

Lowest Channel**Middle Channel****Highest Channel**

Frequency Stability

Test Conditions		FR1 n26 (BPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0075	PASS
40	Normal Voltage	0.0068	
30	Normal Voltage	0.0059	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0063	
0	Normal Voltage	0.0012	
-10	Normal Voltage	0.0035	
-20	Normal Voltage	0.0026	
-30	Normal Voltage	0.0001	
20	Maximum Voltage	0.0013	
20	Normal Voltage	0.0000	
20	Minimum Voltage	0.0024	

Note:

1. Normal Voltage = 3.8 V. ; Minimum Voltage = 3.4 V. ; Maximum Voltage = 4.4 V..
2. The frequency fundamental emissions stay within the authorized frequency block.

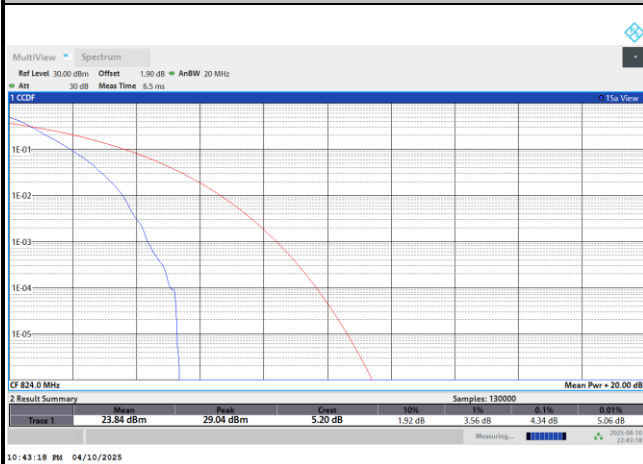
**FR1 n26 (Part90s Straddle Channel)****<SISO Mode>****Peak-to-Average Ratio**

Mode	FR1 n26 / 20MHz / DFT-S OFDM				
Mod.	PI/2 BPSK	QPSK	16QAM	64QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Full RB	Result
824 MHz	4.34	5.48	6.18	6.64	PASS
Mode	FR1 n26 / 20MHz / DFT-S OFDM				
Mod.	256QAM				Limit: 13dB
RB Size	Full RB				Result
824 MHz	6.70				PASS

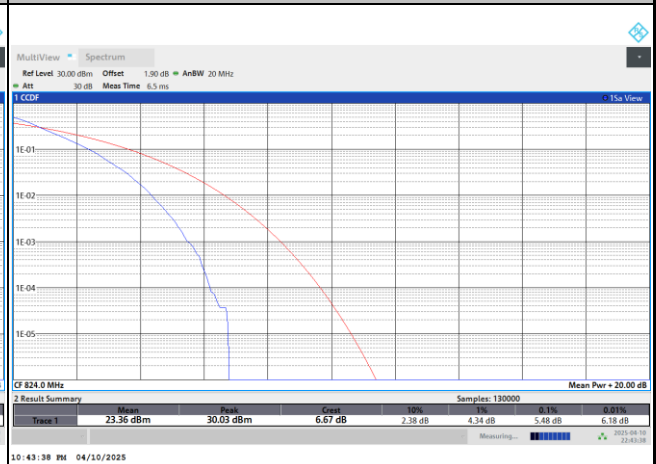


FR1 n26 / 20MHz / DFT-S OFDM / 824 MHz / Full RB

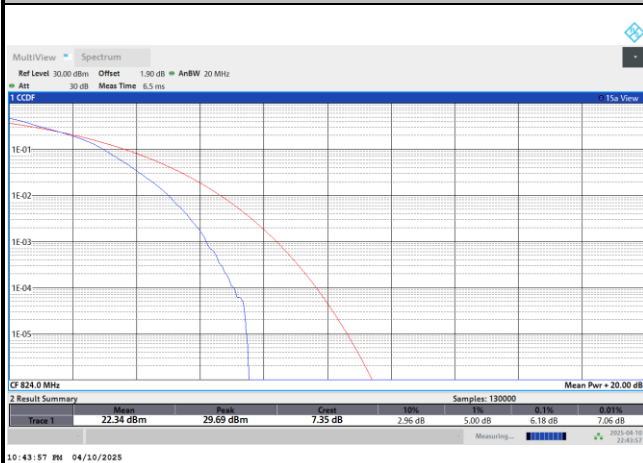
PI/2 BPSK



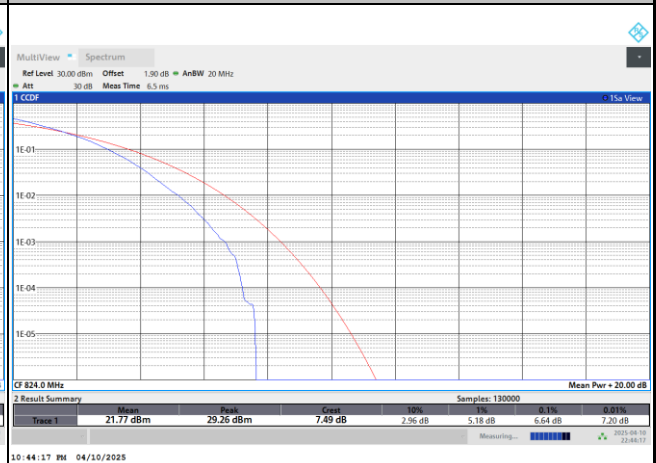
QPSK



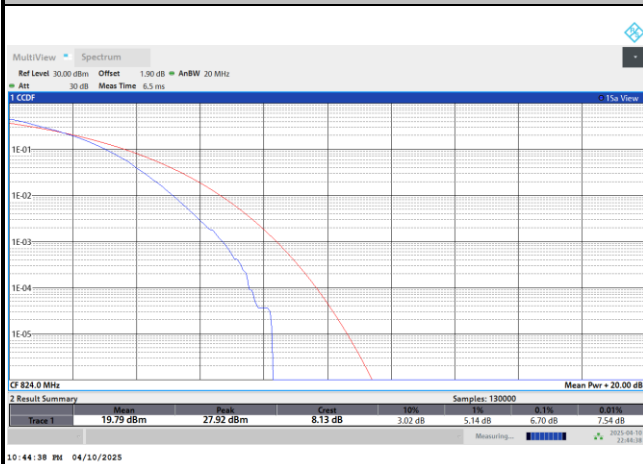
16QAM



64QAM



256QAM



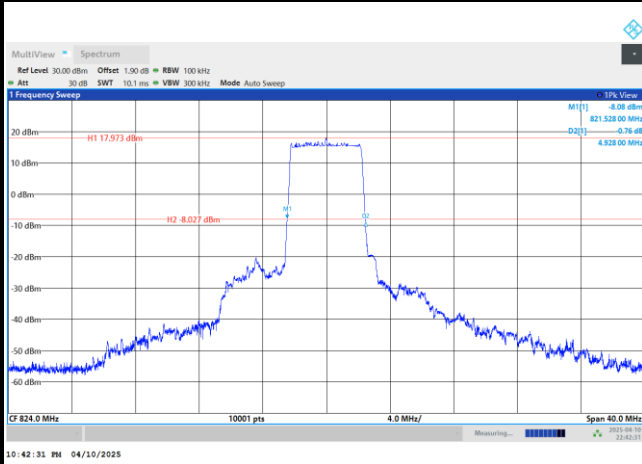
**26dB Bandwidth**

Mode	FR1 n26 : 26dB BW(MHz) / DFT-S OFDM							
BW	5MHz		10MHz		15MHz		20MHz	
Mod.	PI/2 BPSK		PI/2 BPSK		PI/2 BPSK		PI/2 BPSK	
824 MHz	4.92		9.57		14.27		19.13	

Mode	FR1 n26 : 26dB BW(MHz) / CP OFDM							
BW	5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
824 MHz	4.92	4.94	9.92	9.89	14.94	14.98	22.42	20.24
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
824 MHz	4.94	4.90	9.89	9.89	14.94	14.90	20.22	20.23

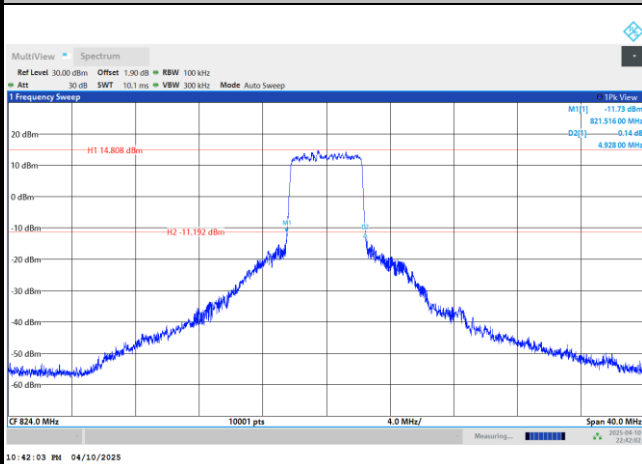
**FR1 n26 / 5MHz / DFT-S OFDM / 824 MHz / Full RB**

PI/2 BPSK

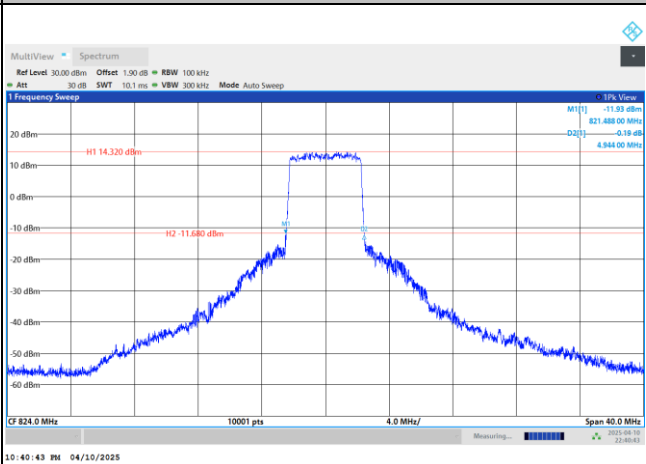


FR1 n26 / 5MHz / CP OFDM / 824 MHz / Full RB

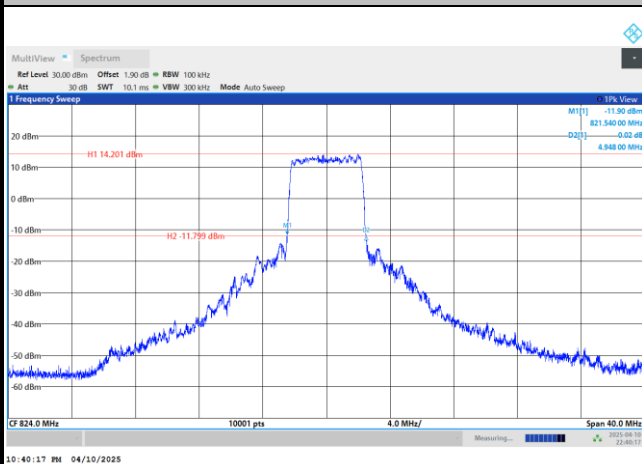
QPSK



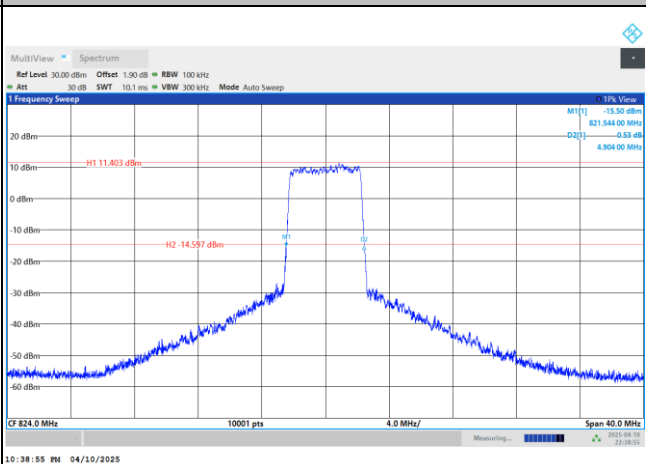
16QAM

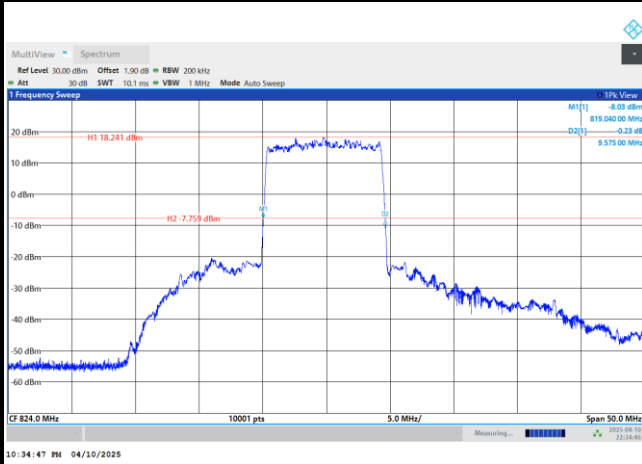
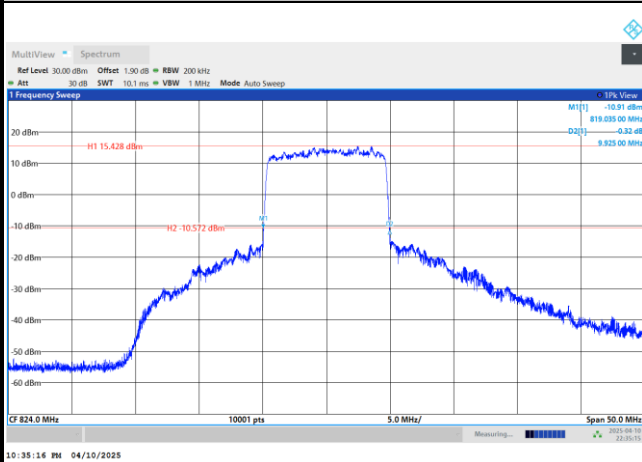
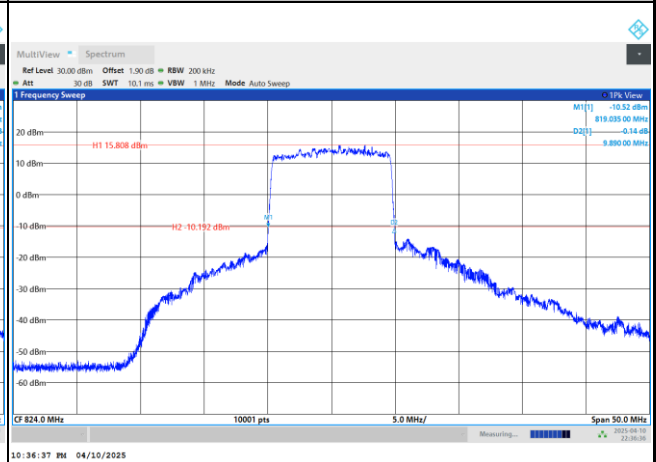
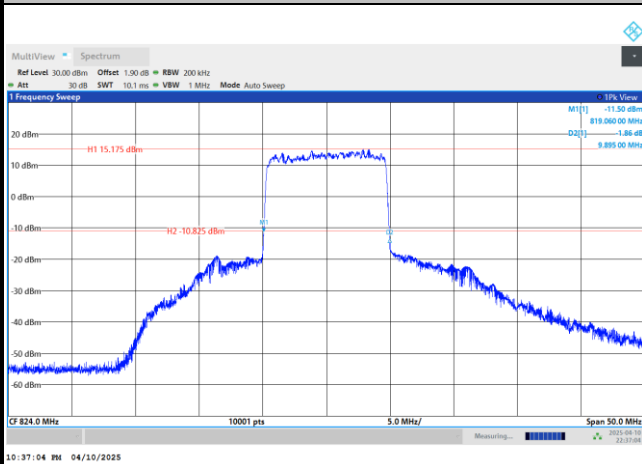
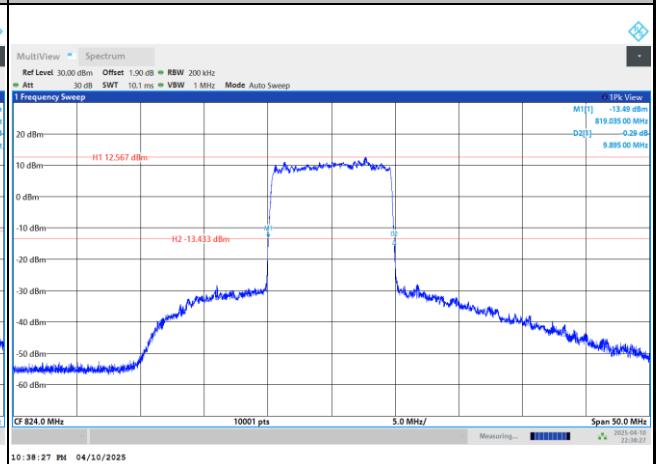


64QAM



256QAM

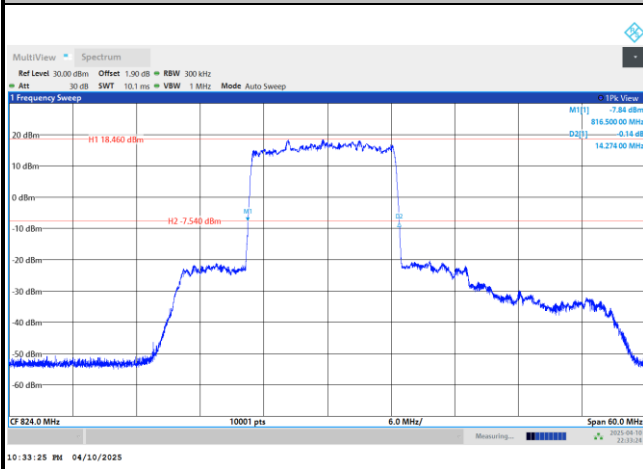


FR1 n26 / 10MHz / DFT-S OFDM / 824 MHz / Full RB
PI/2 BPSK

FR1 n26 / 10MHz / CP OFDM / 824 MHz / Full RB
QPSK

16QAM

64QAM

256QAM




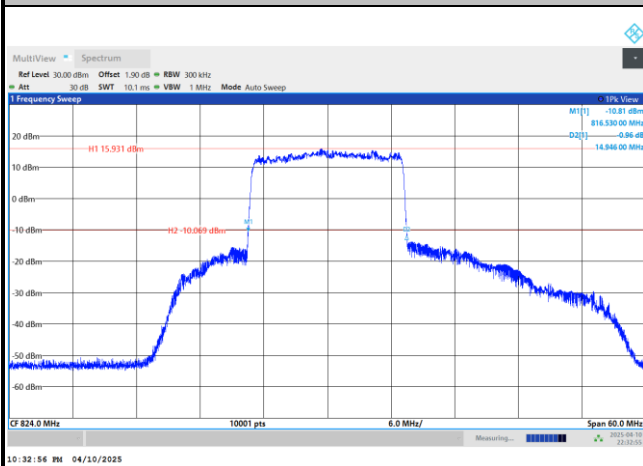
FR1 n26 / 15MHz / DFT-S OFDM / 824 MHz / Full RB

PI/2 BPSK

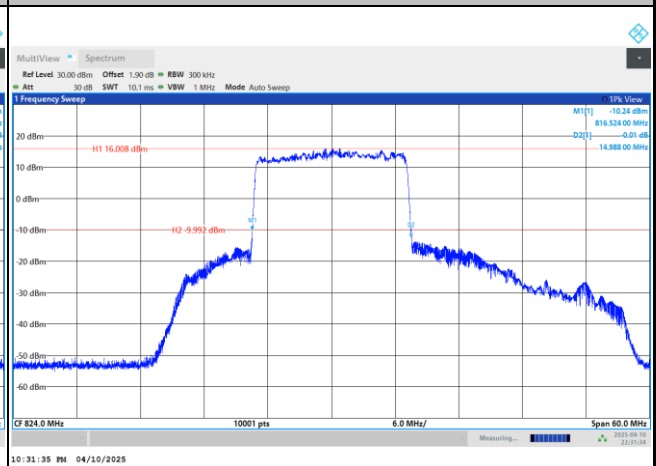


FR1 n26 / 15MHz / CP OFDM / 824 MHz / Full RB

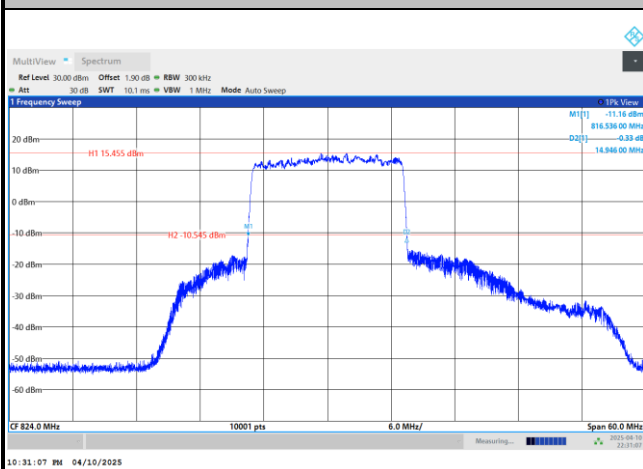
QPSK



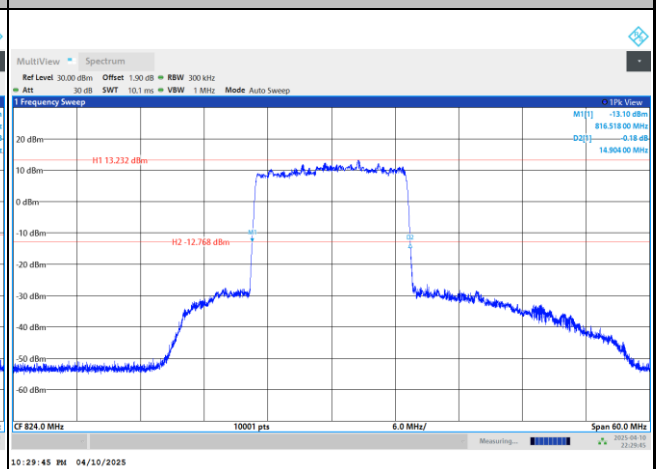
16QAM



64QAM



256QAM





MultiView Spectrum

Ref Level 30.00 dBm Offset 1.90 dB RBW 500 kHz

Att 30 dB SWT 10.1 ms VBW 2 MHz Mode Auto Sweep

1 Frequency Sweep

10% View

H1 19.627 dBm

H2 4.373 dBm

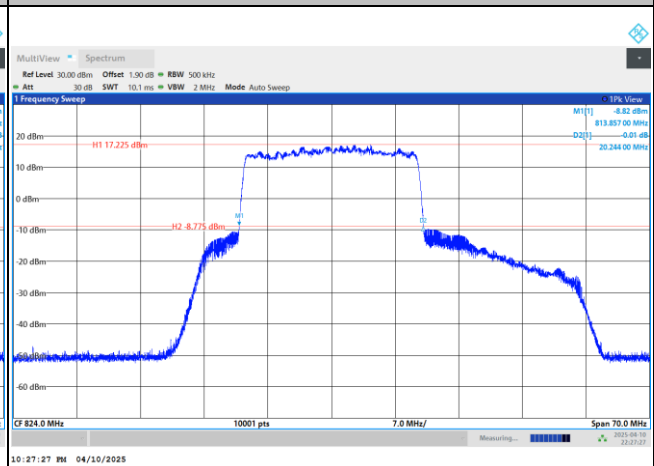
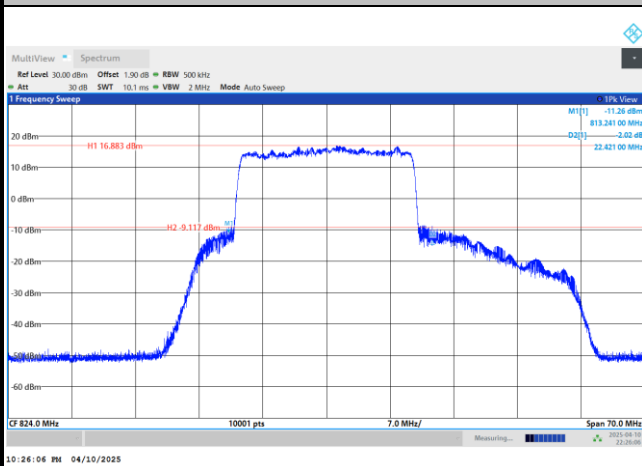
dBm

CF 824.0 MHz 10001 pts 7.0 MHz/ Span 70.0 MHz

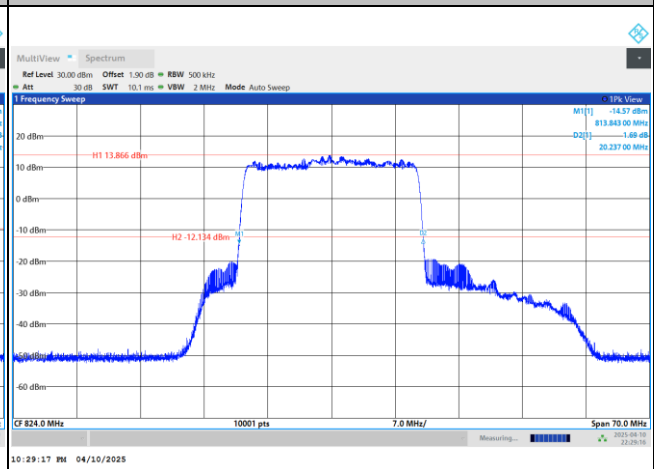
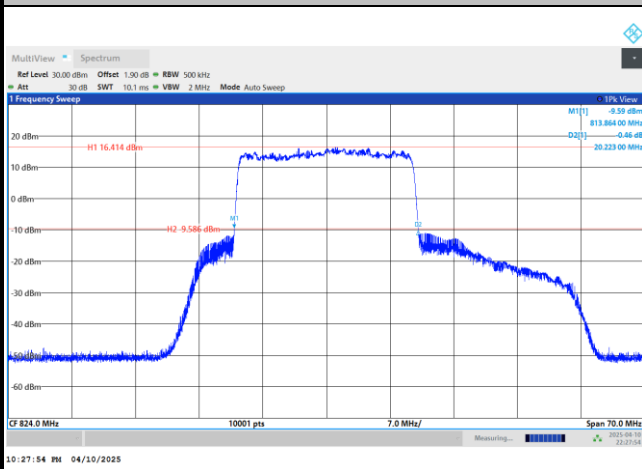
Measuring...

2015/04/10 22:25:37

16QAM



256QAM



**Occupied Bandwidth**

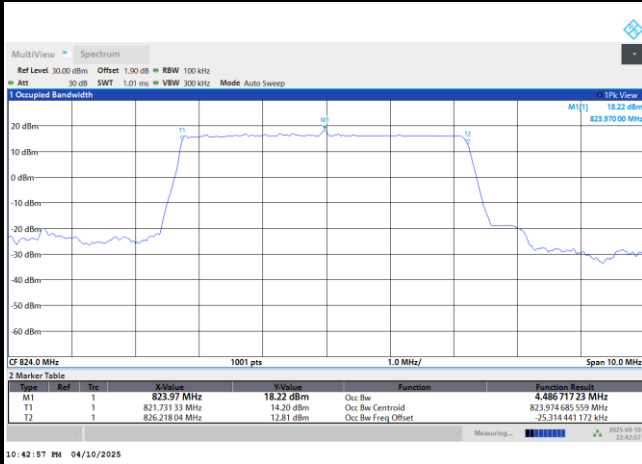
Mode	FR1 n26 : 99%OBW(MHz) / DFT-S OFDM							
BW	5MHz		10MHz		15MHz		20MHz	
Mod.	PI/2 BPSK		PI/2 BPSK		PI/2 BPSK		PI/2 BPSK	
824 MHz	4.48		8.98		13.44		18.01	

Mode	FR1 n26 : 99%OBW (MHz) / CP OFDM							
BW	5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
824 MHz	4.48	4.49	9.26	9.28	14.10	14.14	19.06	19.03
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
824 MHz	4.50	4.48	9.29	9.29	14.12	14.12	19.07	18.97



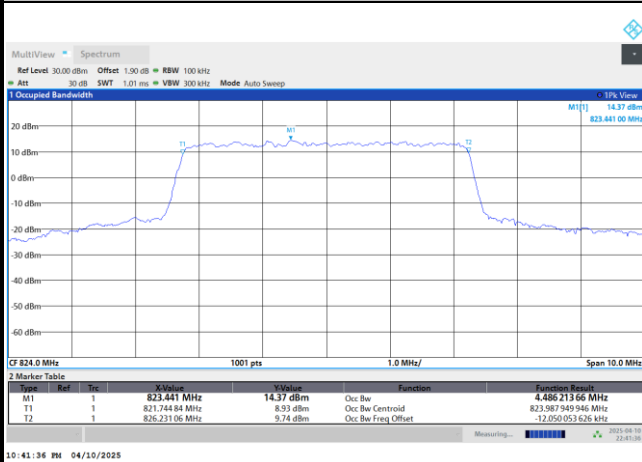
FR1 n26 / 5MHz / DFT-S OFDM / 824 MHz / Full RB

PI/2 BPSK

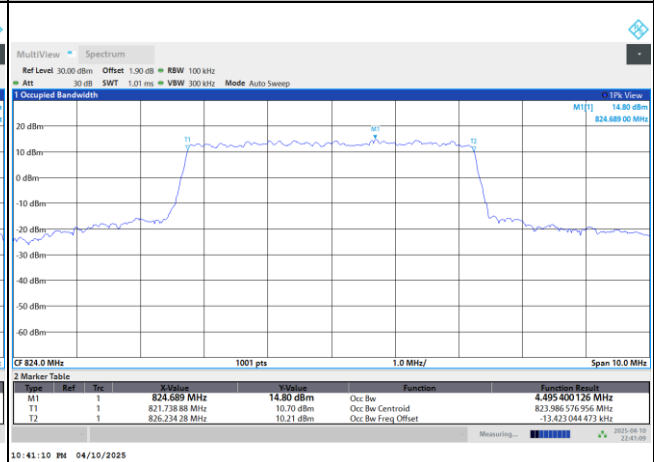


FR1 n26 / 5MHz / CP OFDM / 824 MHz / Full RB

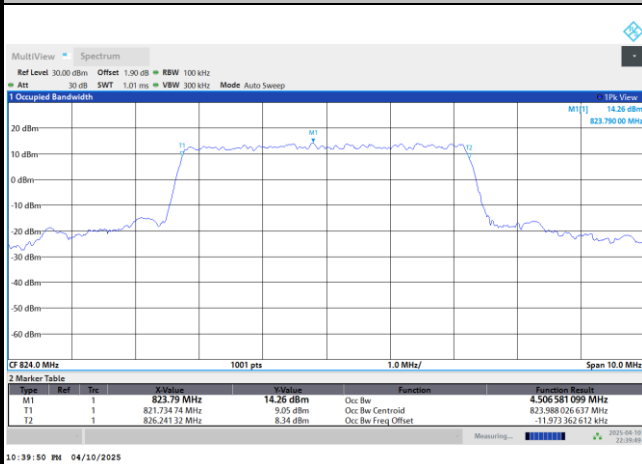
QPSK



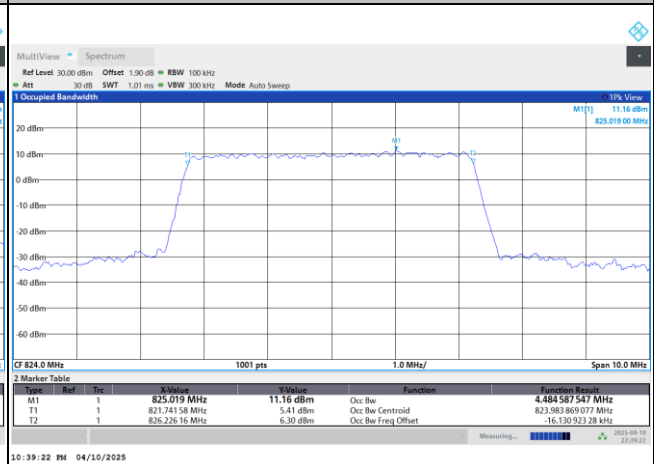
16QAM



64QAM



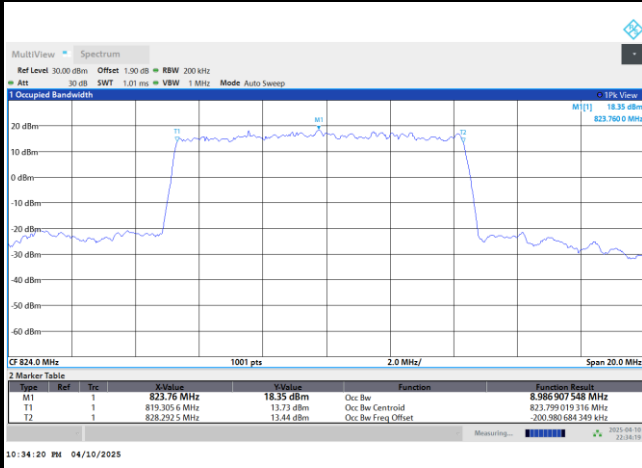
256QAM





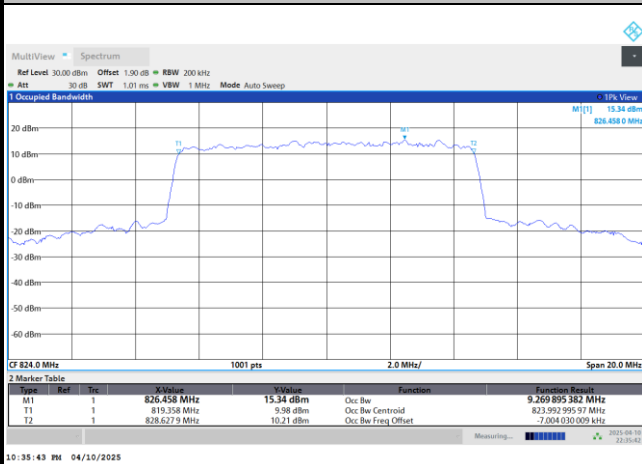
FR1 n26 / 10MHz / DFT-S OFDM / 824 MHz / Full RB

PI/2 BPSK

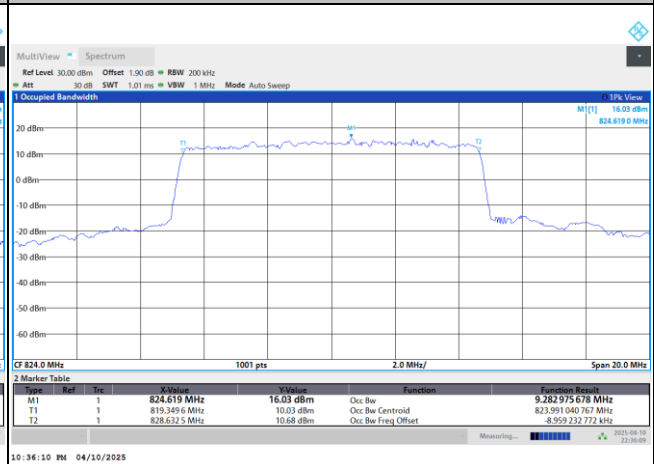


FR1 n26 / 10MHz / CP OFDM / 824 MHz / Full RB

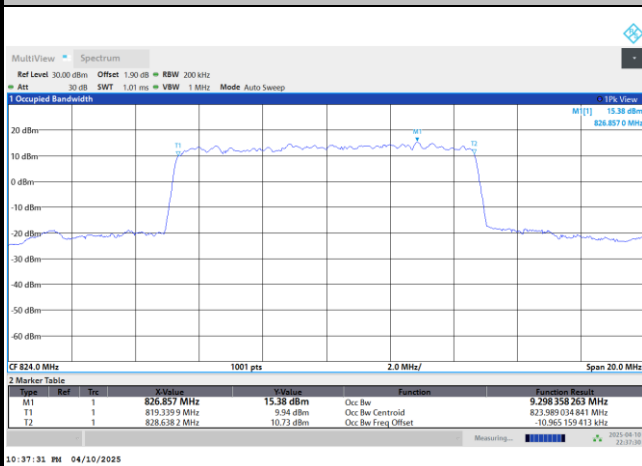
QPSK



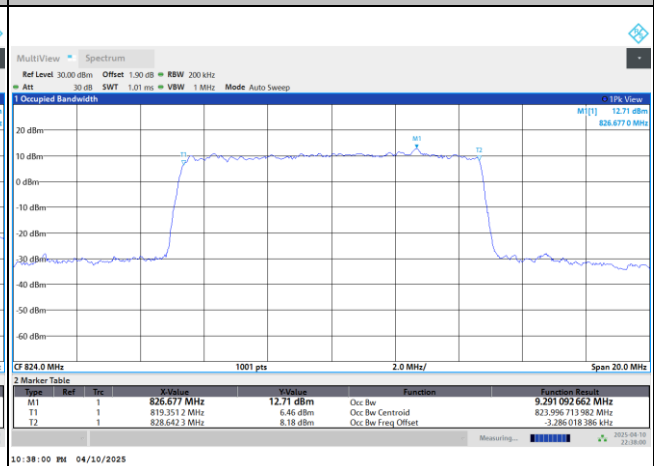
16QAM



64QAM



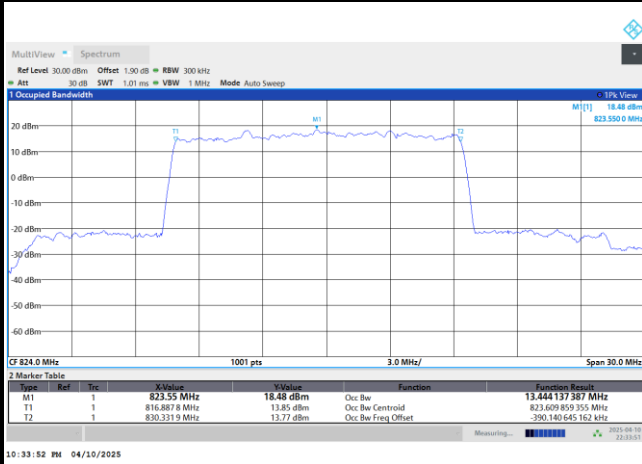
256QAM





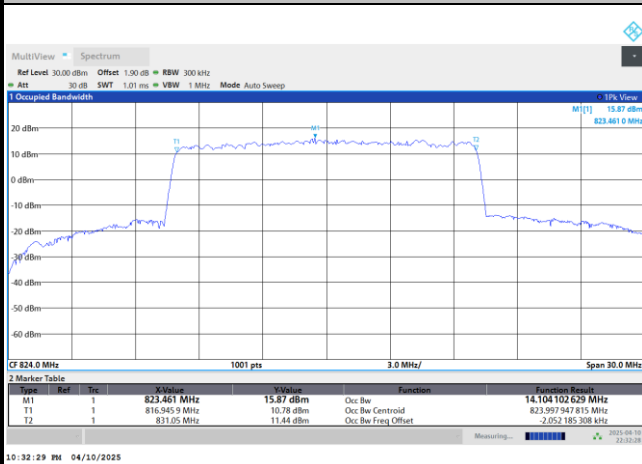
FR1 n26 / 15MHz / DFT-S OFDM / 824 MHz / Full RB

PI/2 BPSK

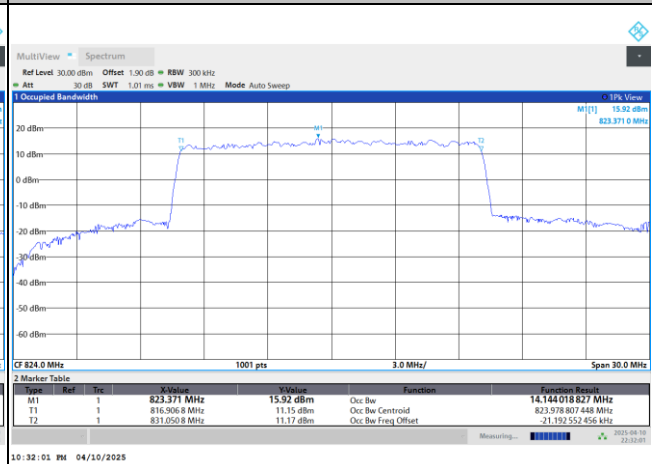


FR1 n26 / 15MHz / CP OFDM / 824 MHz / Full RB

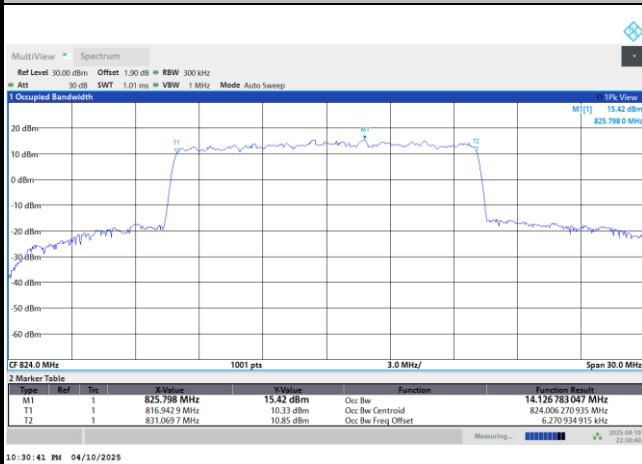
QPSK



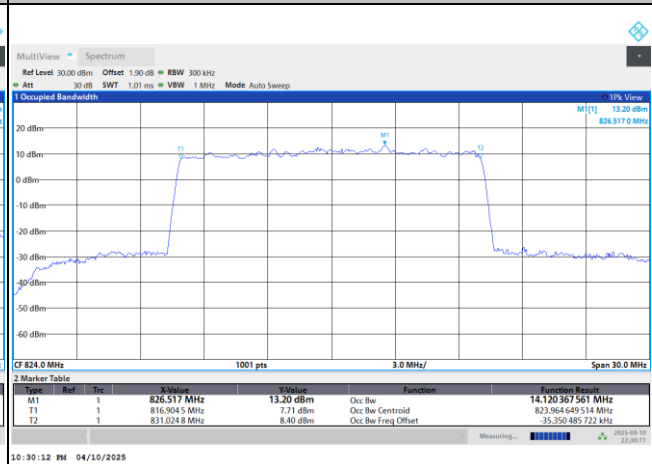
16QAM



64QAM



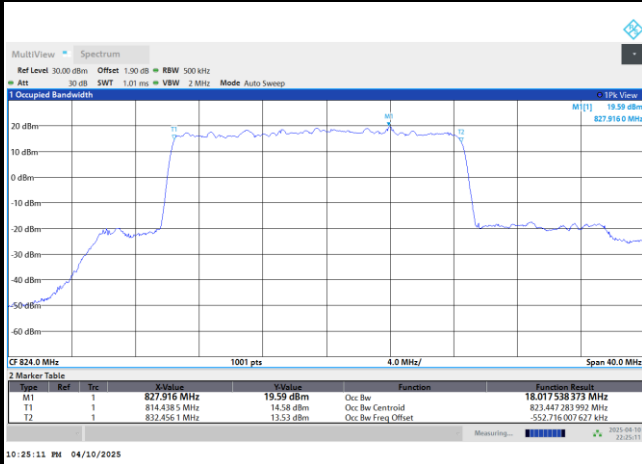
256QAM





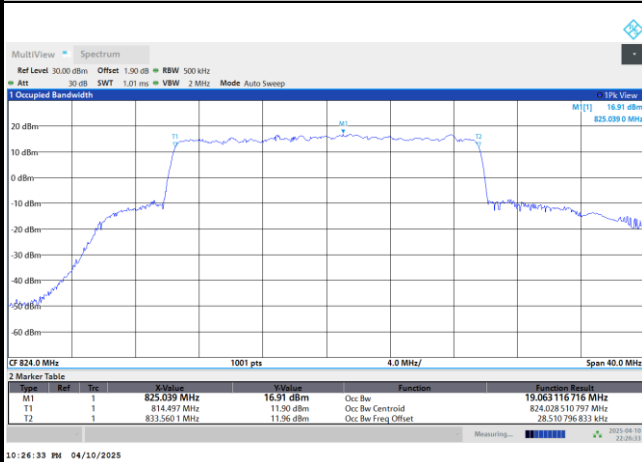
FR1 n26 / 20MHz / DFT-S OFDM / 824 MHz / Full RB

PI/2 BPSK

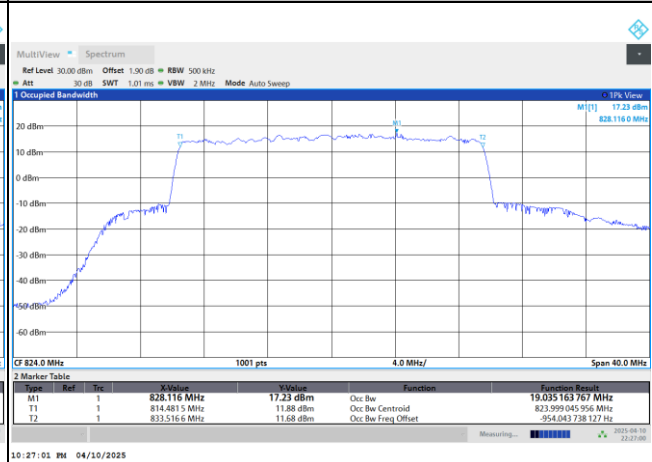


FR1 n26 / 20MHz / CP OFDM / 824 MHz / Full RB

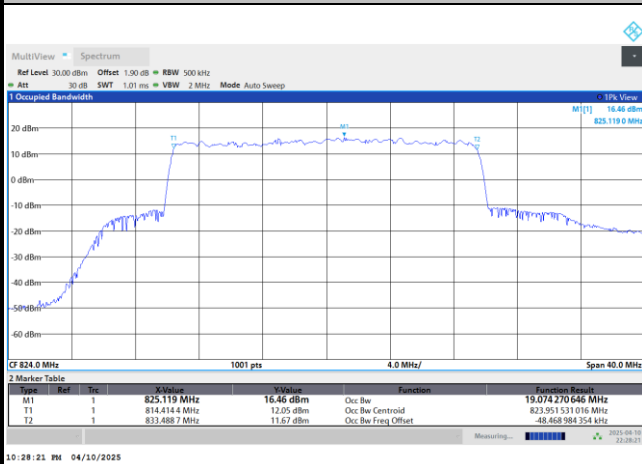
QPSK



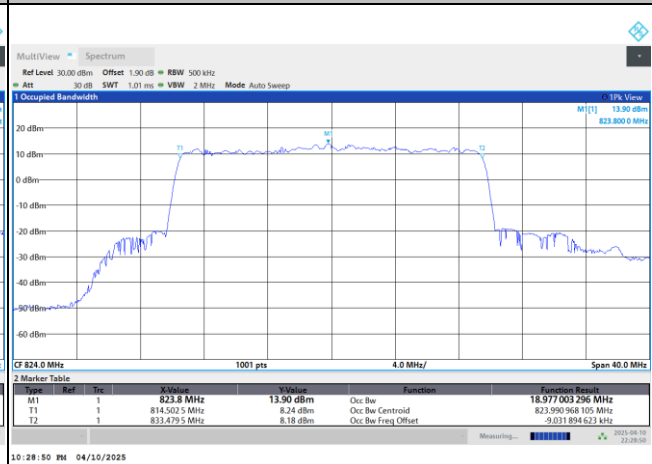
16QAM



64QAM



256QAM

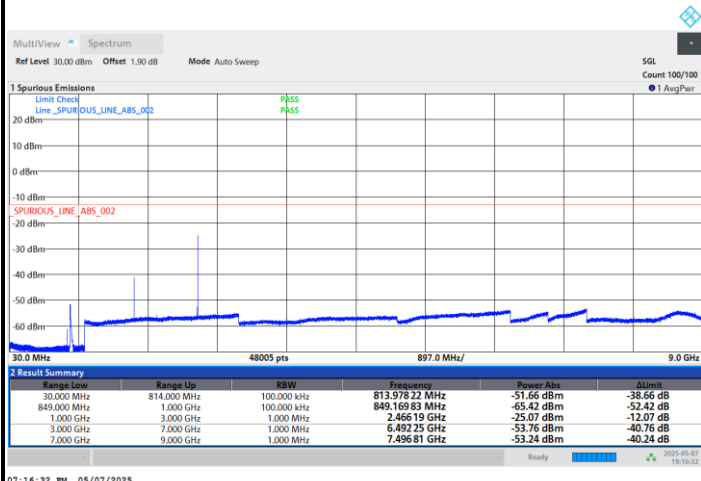




Conducted Spurious Emission

FR1 n26 / 5MHz / DFT-S OFDM / QPSK / 1RB1

Middle Channel



Frequency Stability

Test Conditions		FR1 n26 (BPSK) / 824 MHz	Limit
Temperature (°C)	Voltage (Volt)	BW 20MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0075	PASS
40	Normal Voltage	0.0068	
30	Normal Voltage	0.0059	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0063	
0	Normal Voltage	0.0012	
-10	Normal Voltage	0.0035	
-20	Normal Voltage	0.0026	
-30	Normal Voltage	0.0001	
20	Maximum Voltage	0.0013	
20	Normal Voltage	0.0000	
20	Minimum Voltage	0.0024	

Note:

1. Normal Voltage = 3.8 V. ; Minimum Voltage = 3.4 V. ; Maximum Voltage = 4.4 V.
2. The frequency fundamental emissions stay within the authorized frequency block.