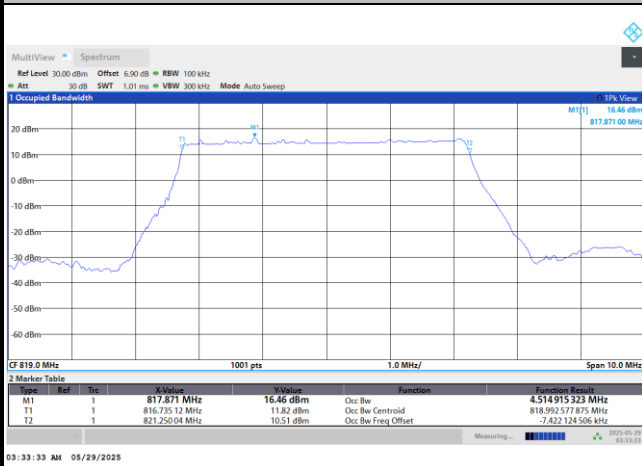




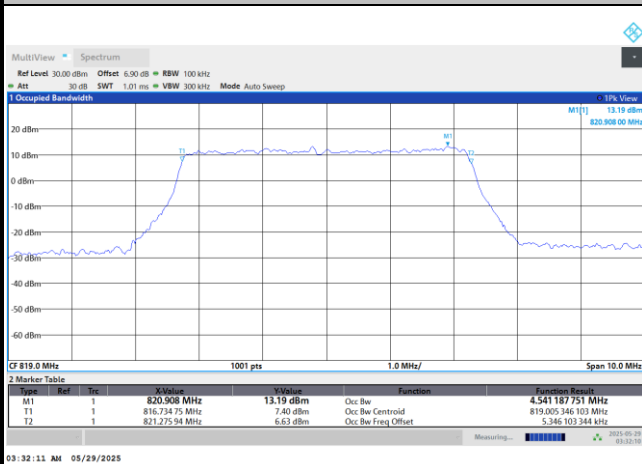
FR1 n26 / 5MHz / DFT-S OFDM / Middle Channel / Full RB

PI/2 BPSK

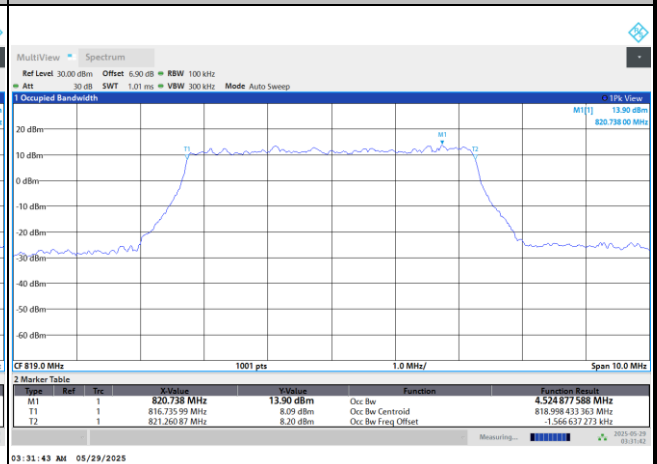


FR1 n26 / 5MHz / CP OFDM / Middle Channel / Full RB

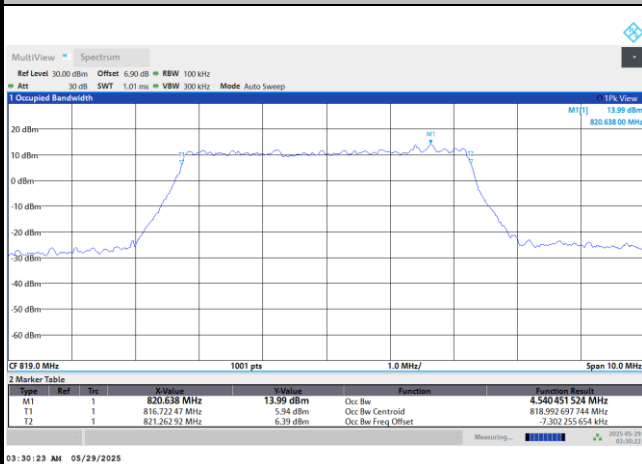
QPSK



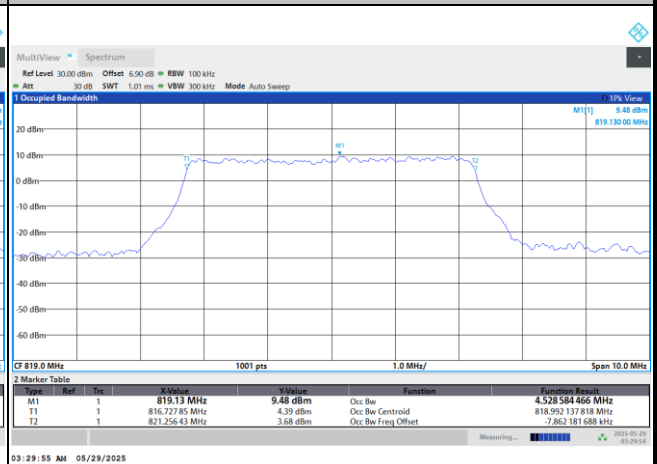
16QAM



64QAM



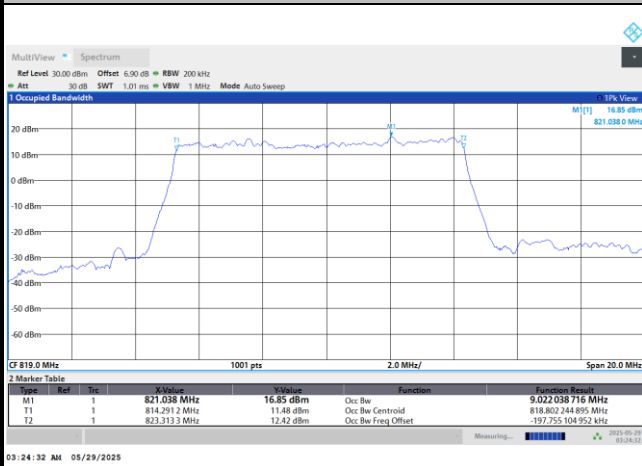
256QAM





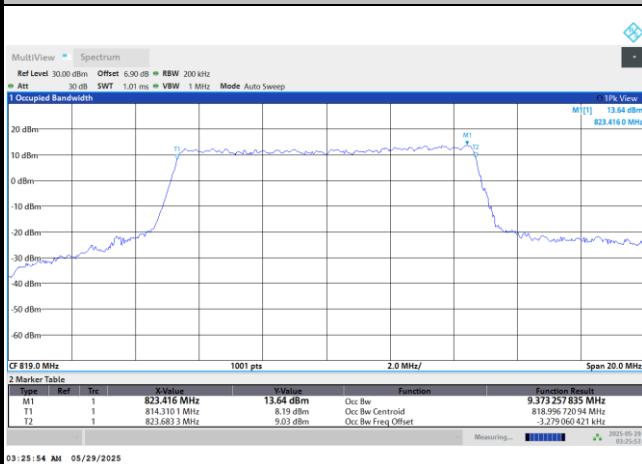
FR1 n26 / 10MHz / DFT-S OFDM / Middle Channel / Full RB

PI/2 BPSK

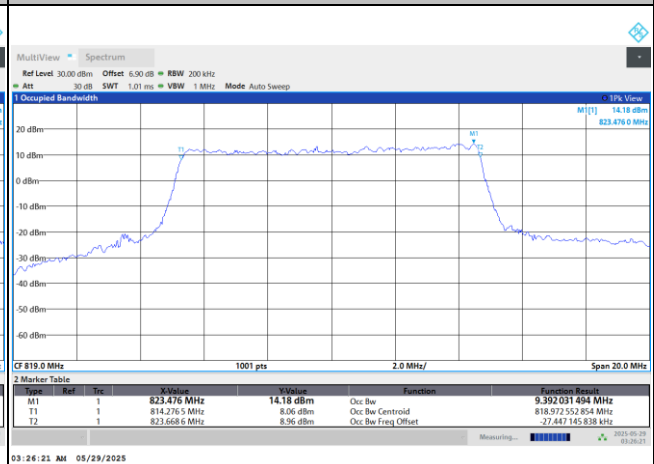


FR1 n26 / 10MHz / CP OFDM / Middle Channel / Full RB

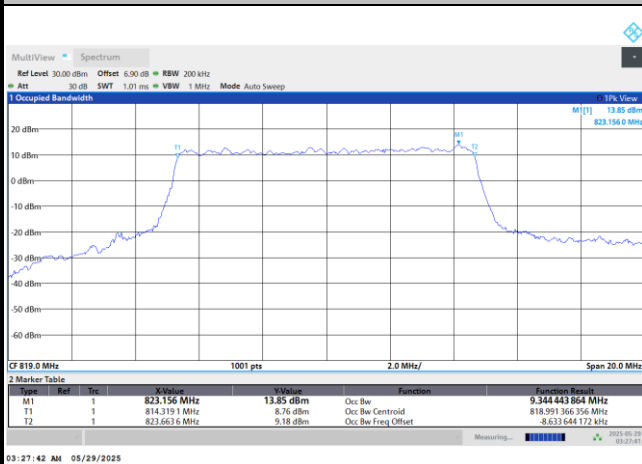
QPSK



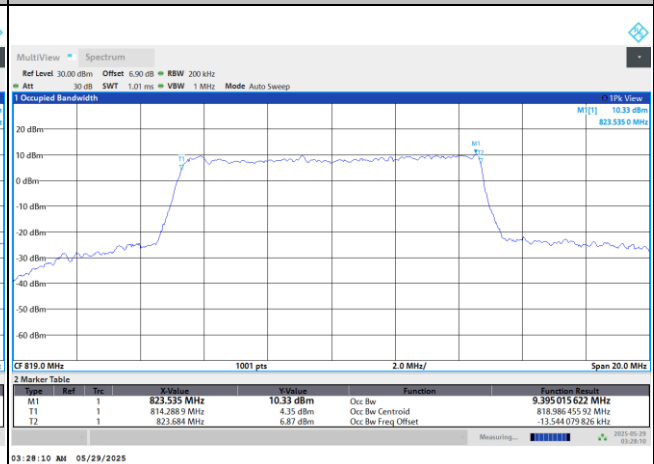
16QAM



64QAM



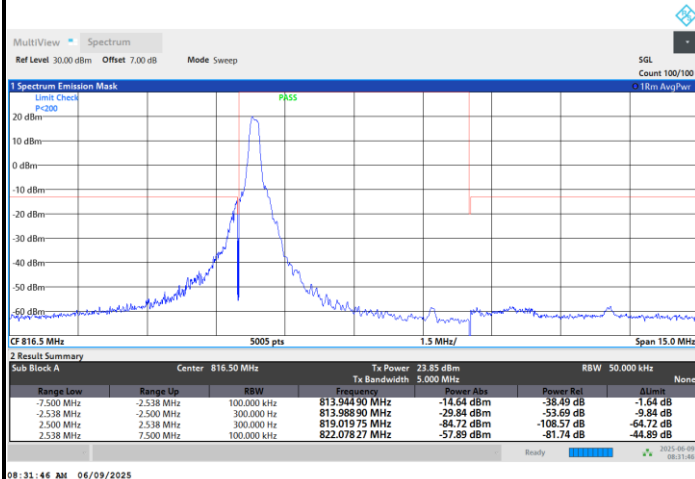
256QAM



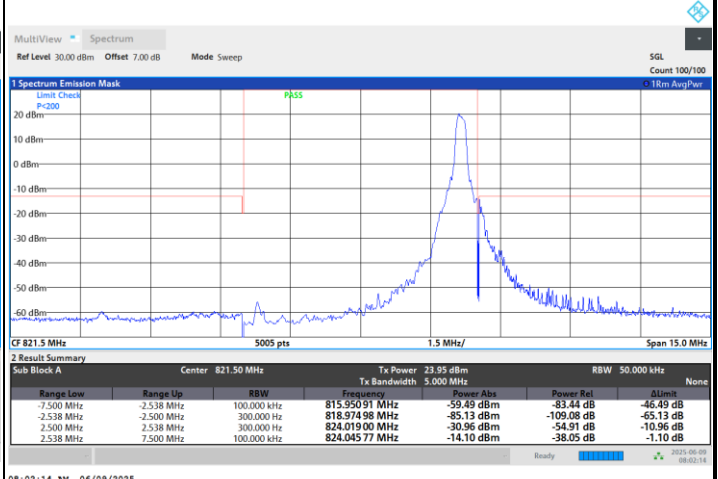
**Emission masks – In-band emissions**

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

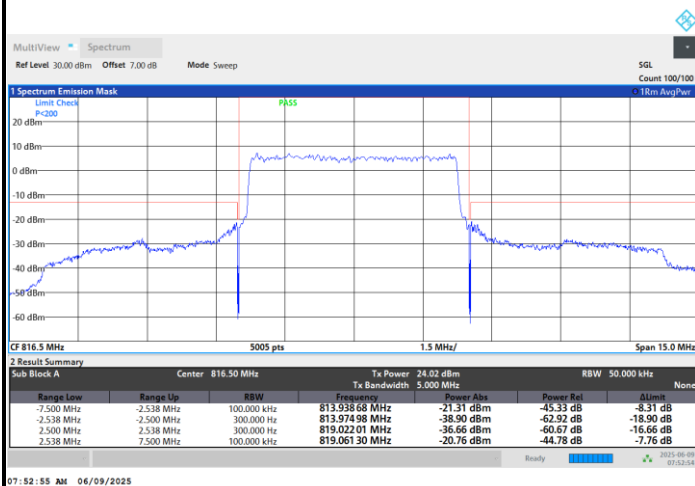
Lowest MASK / 1RB0



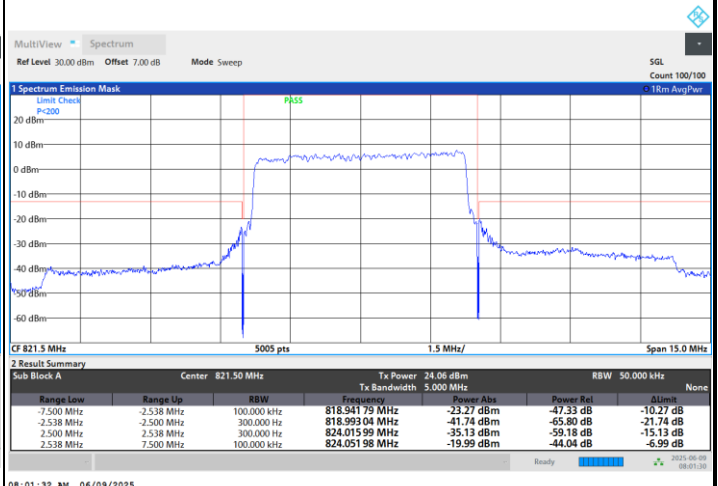
Highest MASK / 1RBmax



Lowest MASK / Full RB



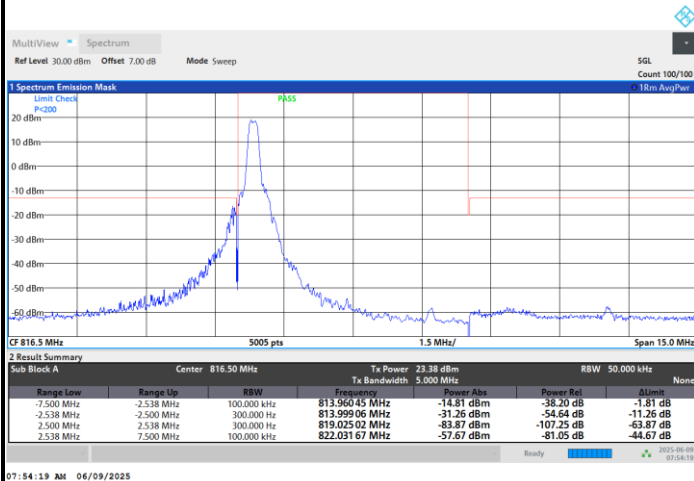
Highest MASK / Full RB



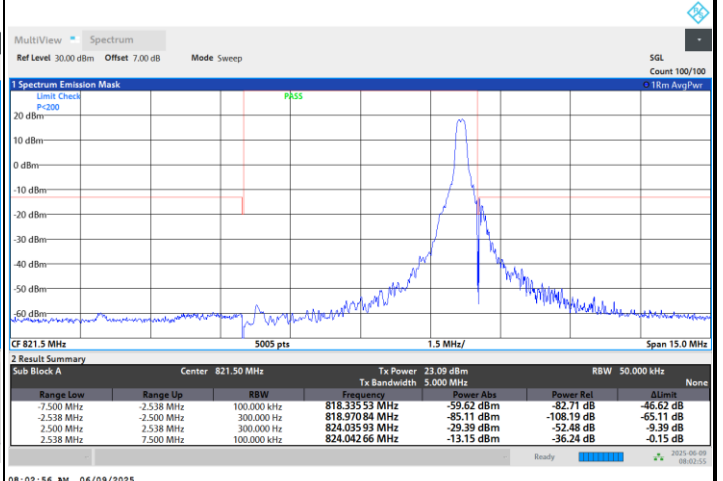


FR1 n26 / 5MHz / DFT-S OFDM / QPSK

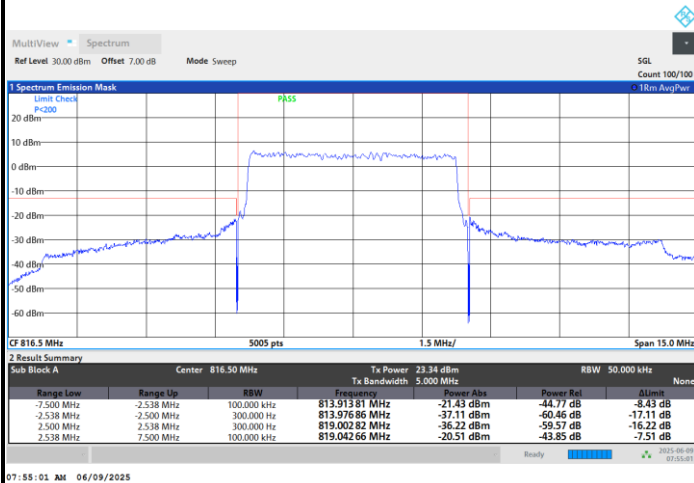
Lowest MASK / 1RB0



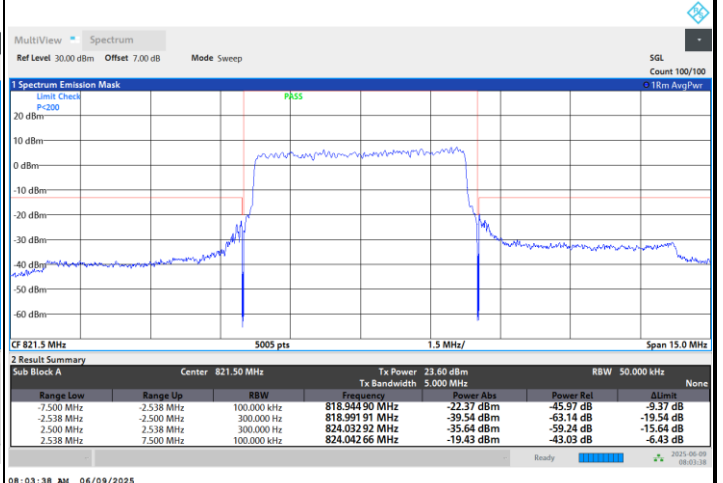
Highest MASK / 1RBmax



Lowest MASK / Full RB



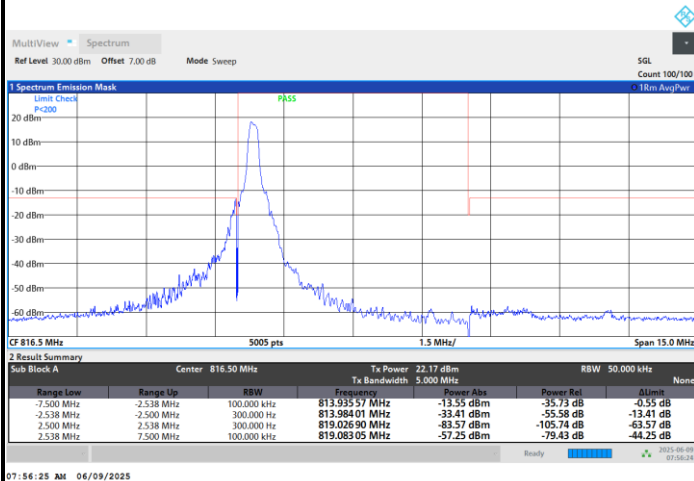
Highest MASK / Full RB



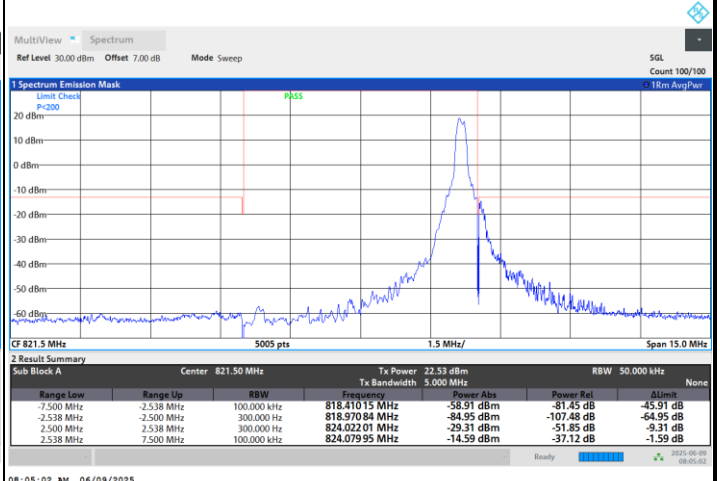


FR1 n26 / 5MHz / DFT-S OFDM / 16QAM

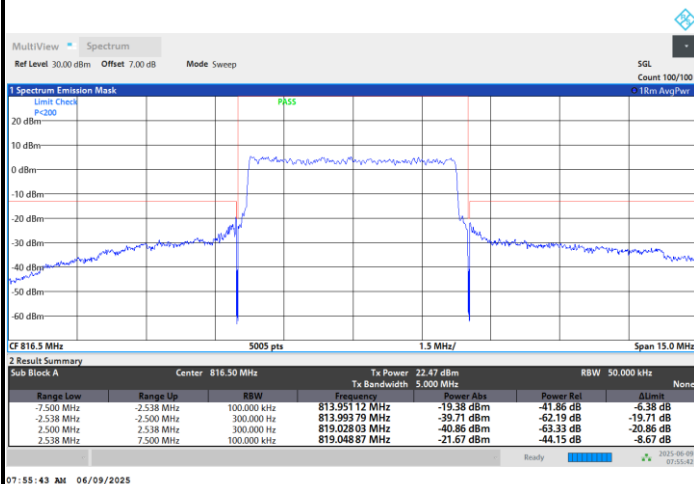
Lowest MASK / 1RB0



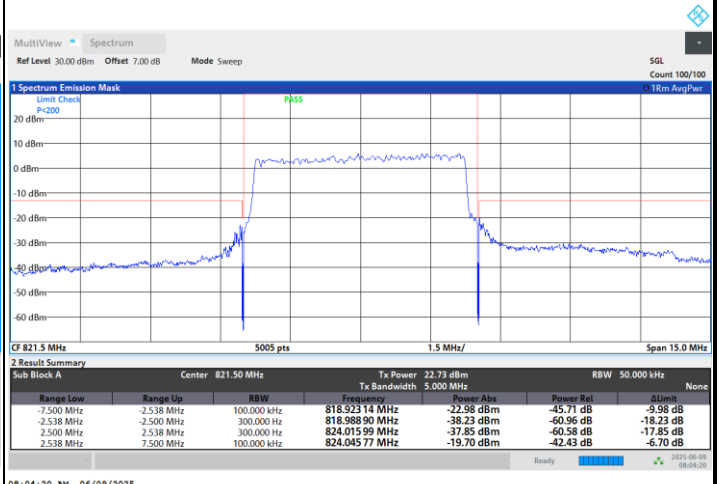
Highest MASK / 1RBmax



Lowest MASK / Full RB



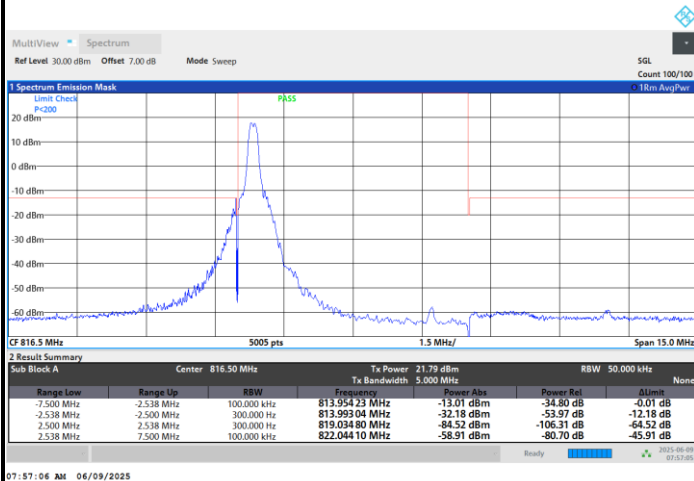
Highest MASK / Full RB





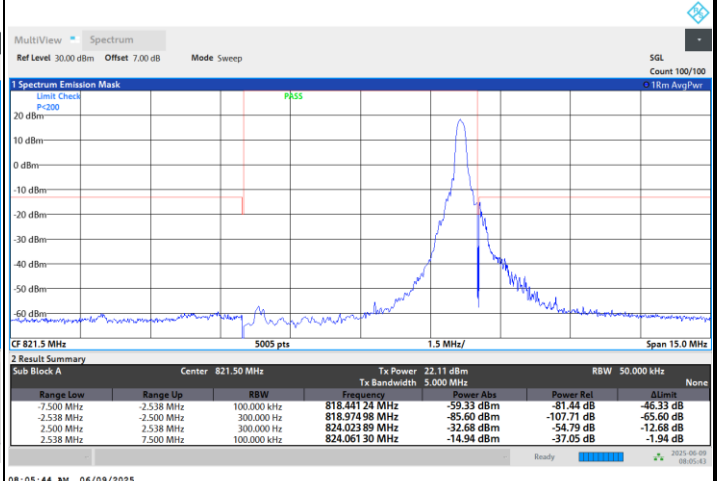
FR1 n26 / 5MHz / DFT-S OFDM / 64QAM

Lowest MASK / 1RB0



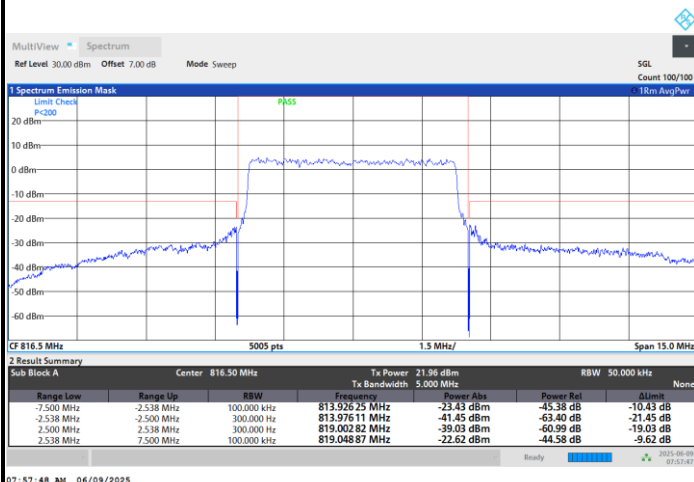
07:57:06 AM 06/09/2025

Highest MASK / 1RBmax



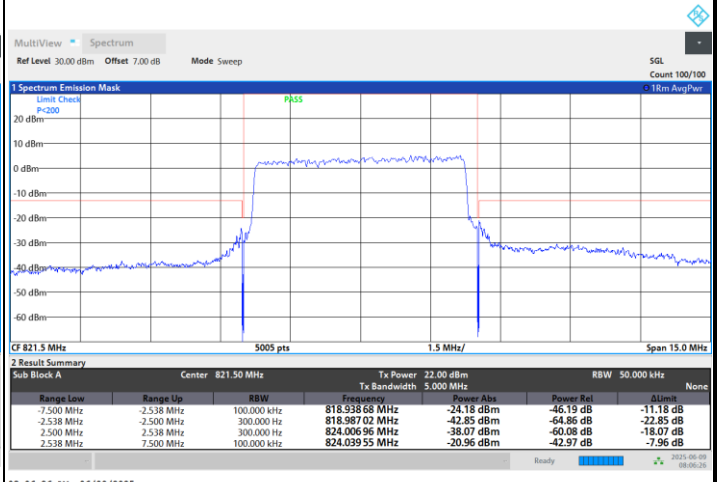
08:05:44 AM 06/09/2025

Lowest MASK / Full RB



07:57:48 AM 06/09/2025

Highest MASK / Full RB

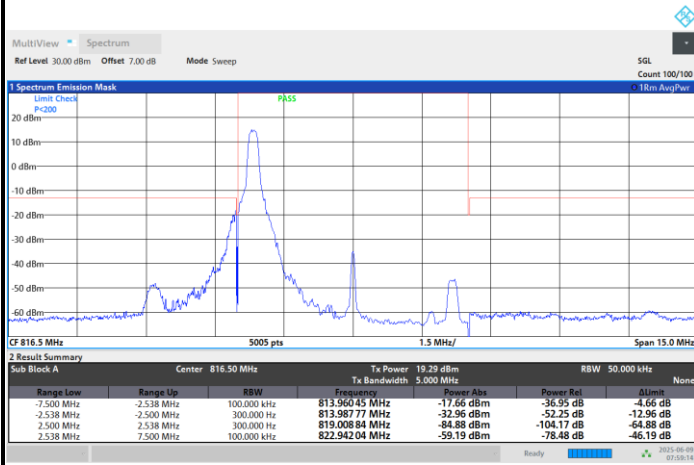


08:06:26 AM 06/09/2025



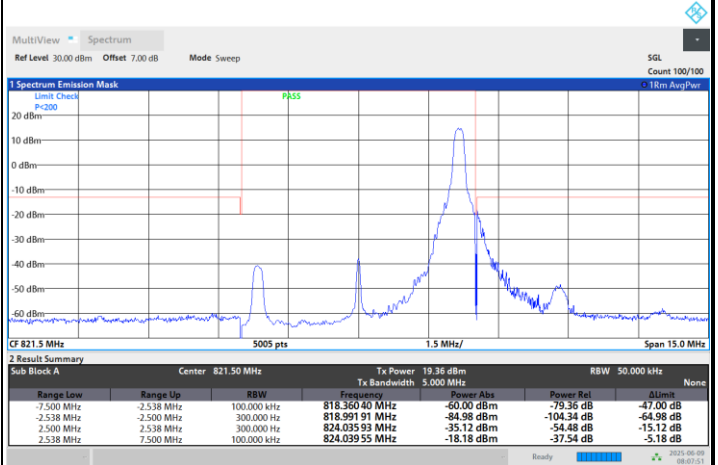
FR1 n26 / 5MHz / DFT-S OFDM / 256QAM

Lowest MASK / 1RB0



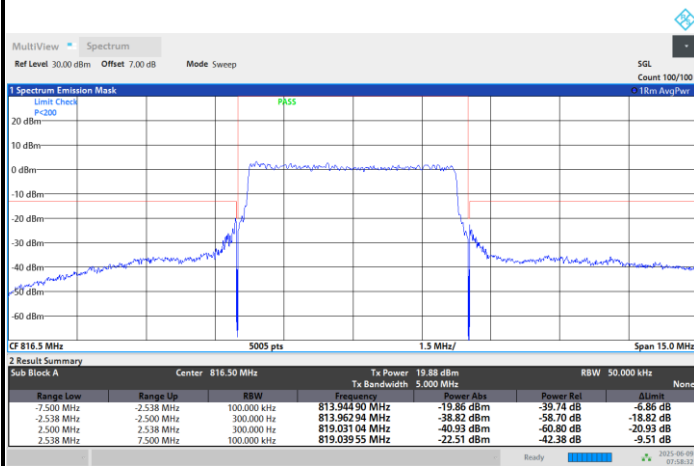
07:59:14 AM 06/09/2025

Highest MASK / 1RBmax



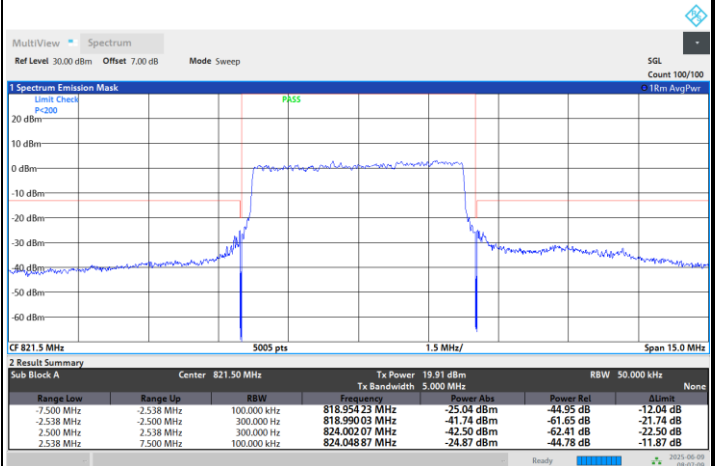
08:07:53 AM 06/09/2025

Lowest MASK / Full RB



07:58:32 AM 06/09/2025

Highest MASK / Full RB

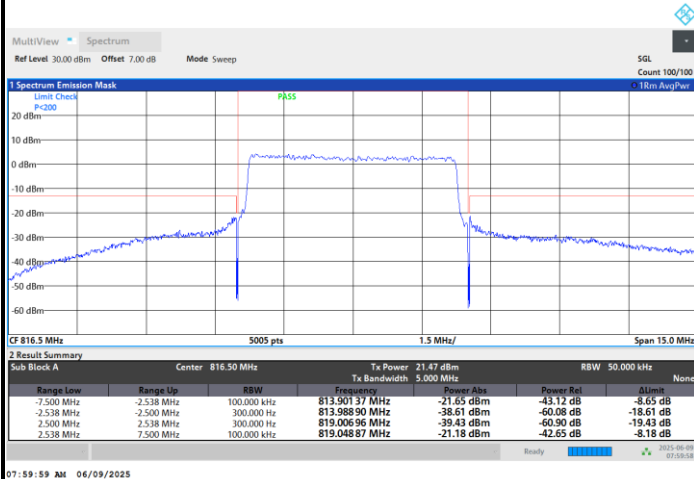


08:07:10 AM 06/09/2025

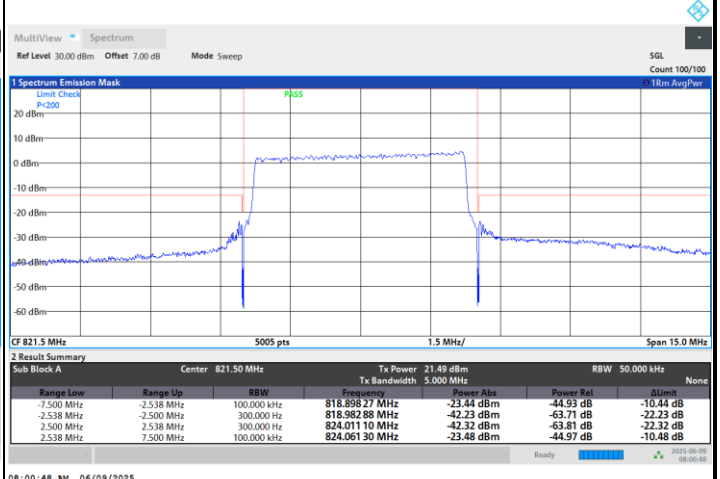


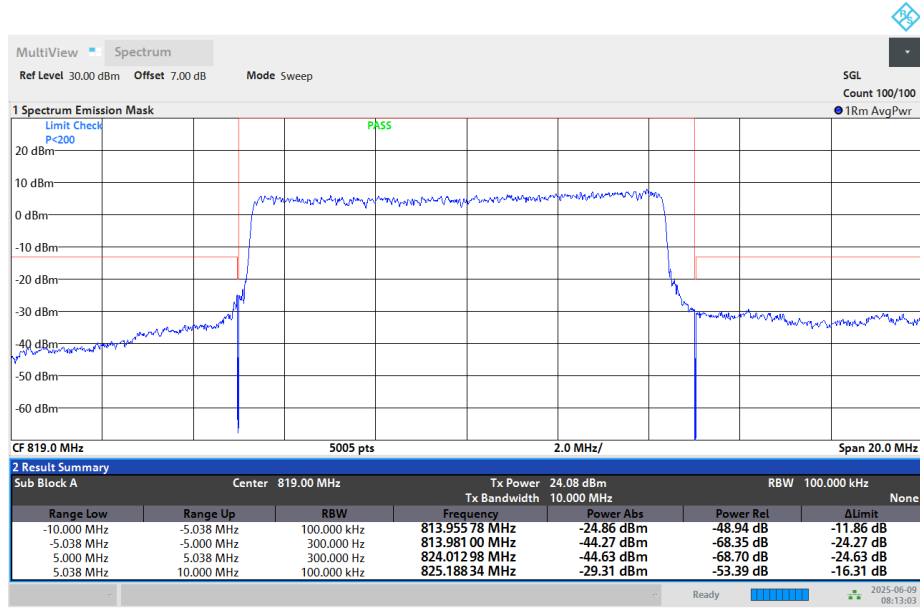
FR1 n26 / 5MHz / CP OFDM / QPSK / Full RB

Lowest MASK

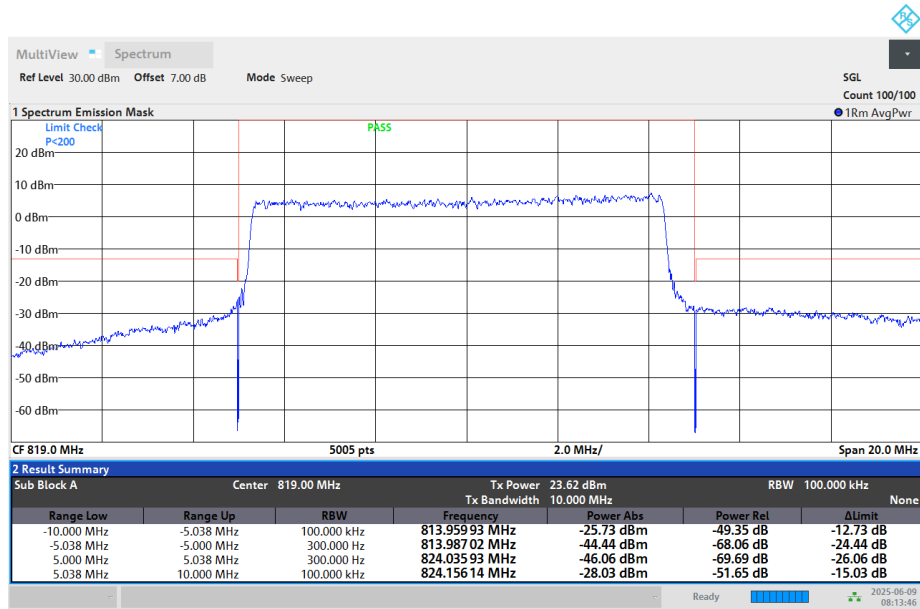


Highest MASK

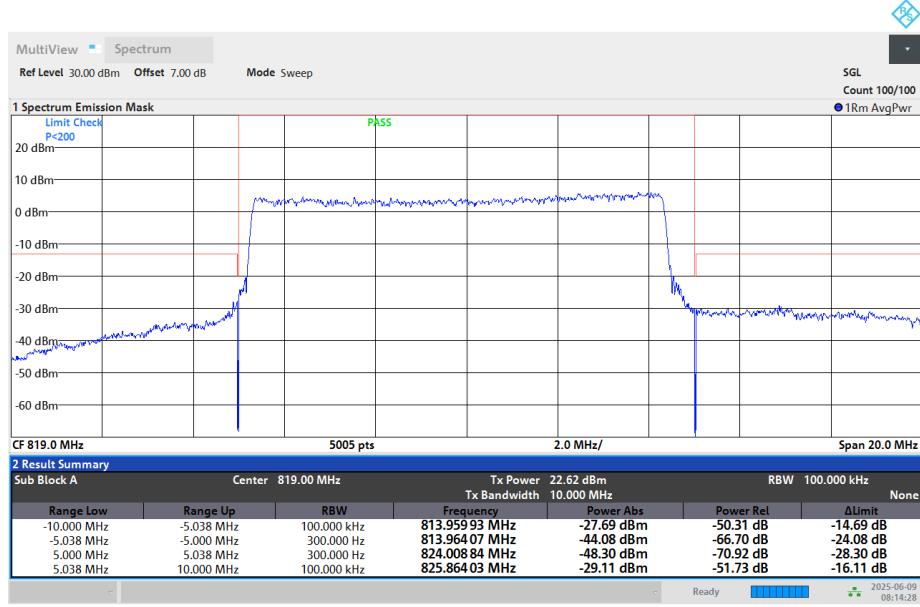


**FR1 n26 / 10MHz / DFT-s-OFDM / PI/2 BPSK****Middle MASK / Full RB**

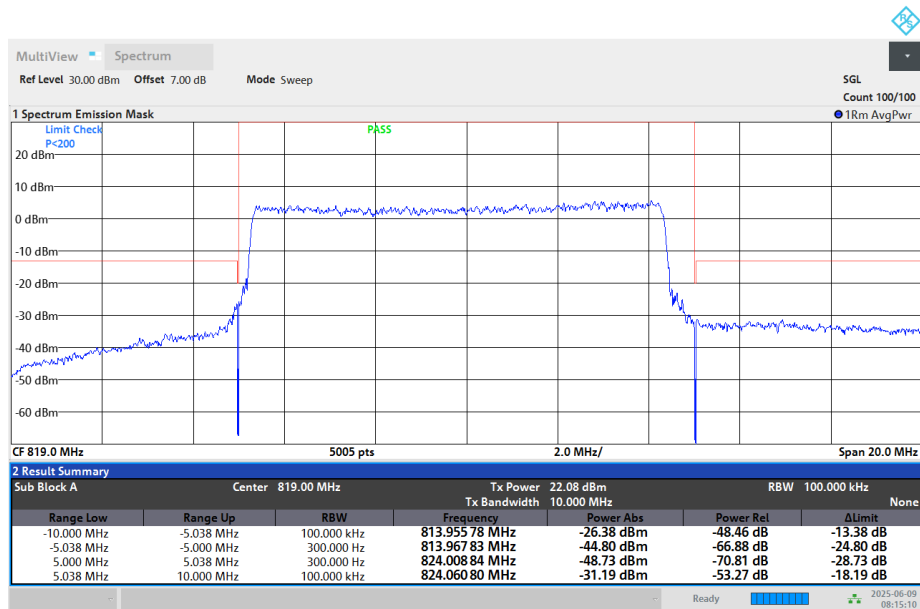
08:13:04 AM 06/09/2025

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

08:13:46 AM 06/09/2025

**FR1 n26 / 10MHz / DFT-s-OFDM / 16QAM****Middle MASK / Full RB**

08:14:28 AM 06/09/2025

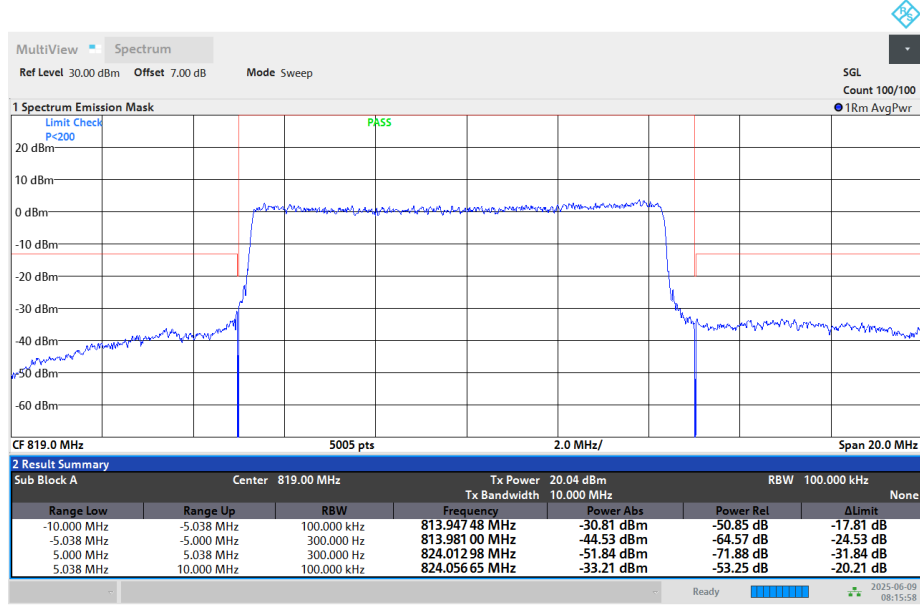
FR1 n26 / 10MHz / DFT-s-OFDM / 64QAM**Middle MASK / Full RB**

08:15:10 AM 06/09/2025



FR1 n26 / 10MHz / DFT-s-OFDM / 256QAM

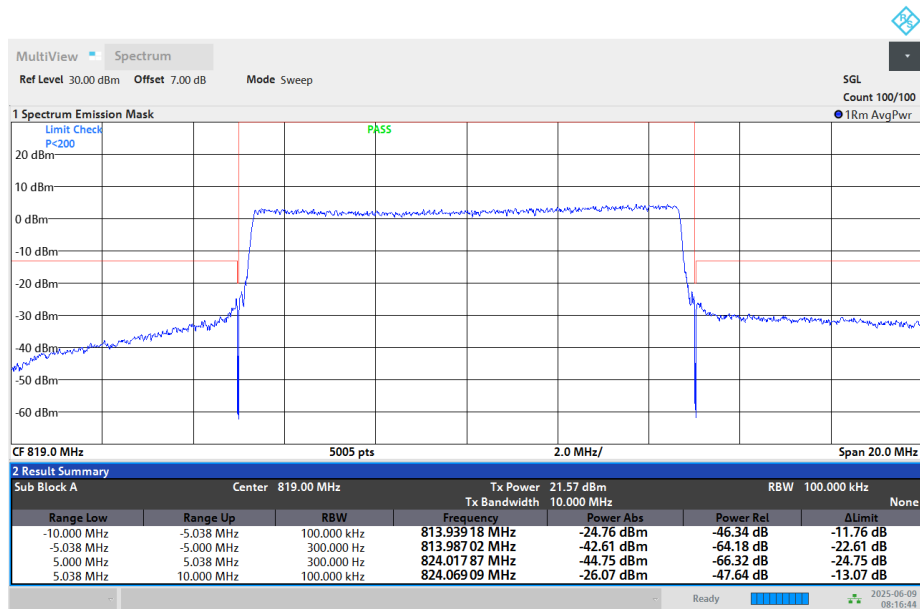
Middle MASK / Full RB



08:15:59 AM 06/09/2025

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

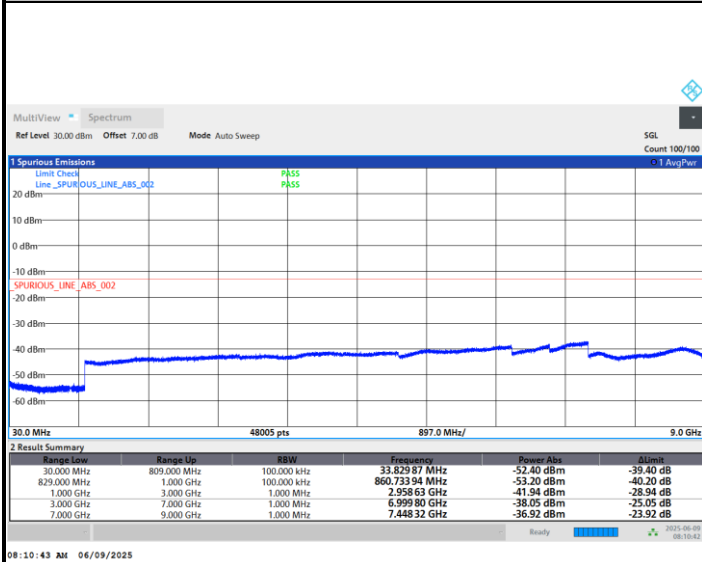
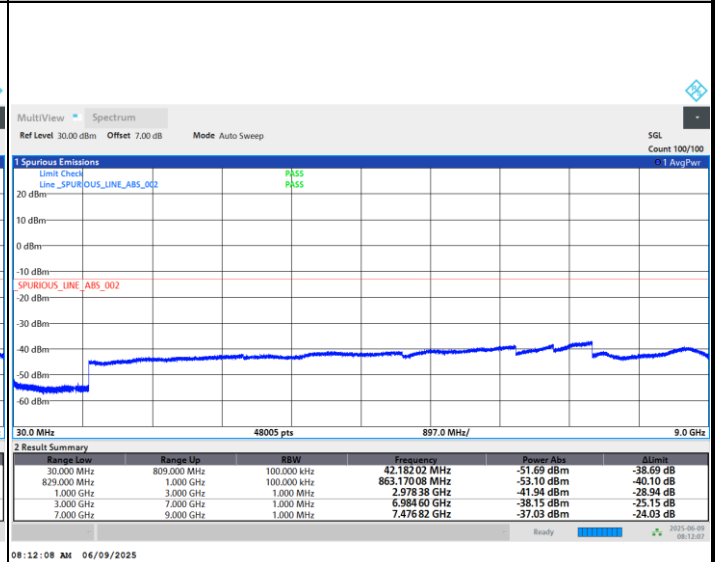
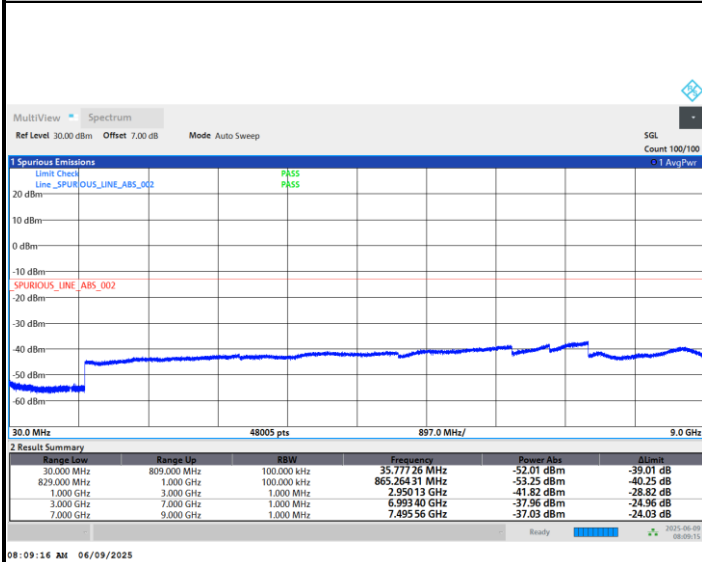
Middle MASK



08:16:44 AM 06/09/2025

**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	0.0072	PASS
40	Normal Voltage	0.0117	
30	Normal Voltage	0.0151	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0194	
0	Normal Voltage	0.0048	
-10	Normal Voltage	0.0085	
-20	Normal Voltage	0.0093	
-30	Normal Voltage	0.0137	
20	Maximum Voltage	0.0081	
20	Normal Voltage	0.0054	
20	Minimum Voltage	0.0013	

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.

Test Conditions		FR1 n26 (BPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 5MHz	2.5 ppm
		Deviation (ppm)	Result
50	Normal Voltage	0.0120	PASS
40	Normal Voltage	0.0044	
30	Normal Voltage	0.0178	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0033	
0	Normal Voltage	0.0011	
-10	Normal Voltage	0.0049	
-20	Normal Voltage	0.0049	
-30	Normal Voltage	0.0013	
20	Maximum Voltage	0.0120	
20	Normal Voltage	0.0256	
20	Minimum Voltage	0.0110	

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.
3. The frequency variation is sufficient to ensure that the occupied bandwidth of all operation channels stay within the operating frequency block or frequency block group.

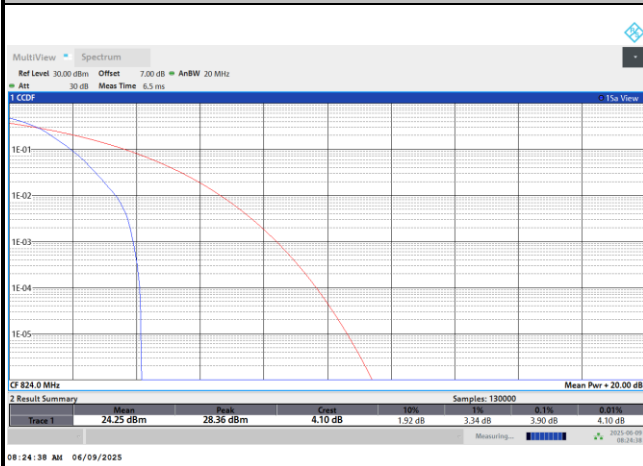
**FR1 n26 Part90s Straddle Channel****<SISO Mode>****Peak-to-Average Ratio**

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
Middle CH	3.90	4.48	5.62	6.02	PASS
Mode	FR1 n26 / 20MHz / DFT-S OFDM				
Mod.	256QAM				Limit: 13dB
RB Size	Full RB				Result
Middle CH	6.54				PASS

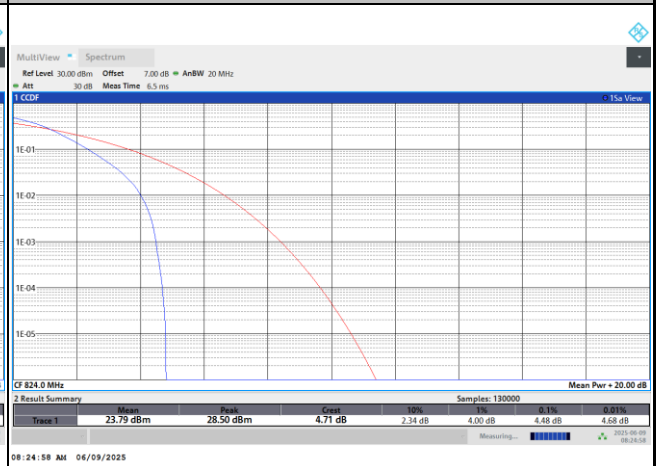


FR1 n26 / 20MHz / DFT-S OFDM / Middle Channel / Full RB

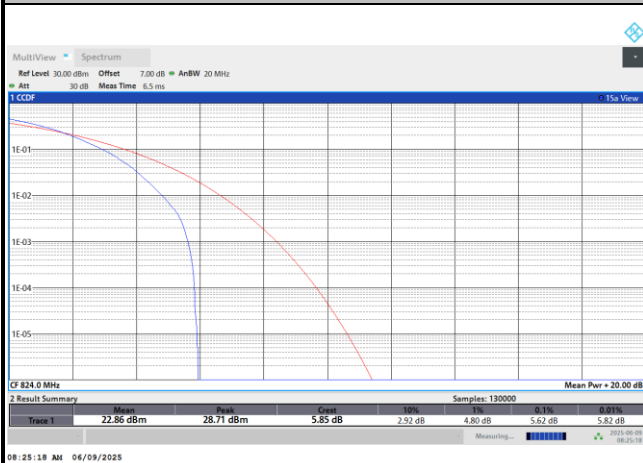
PI/2 BPSK



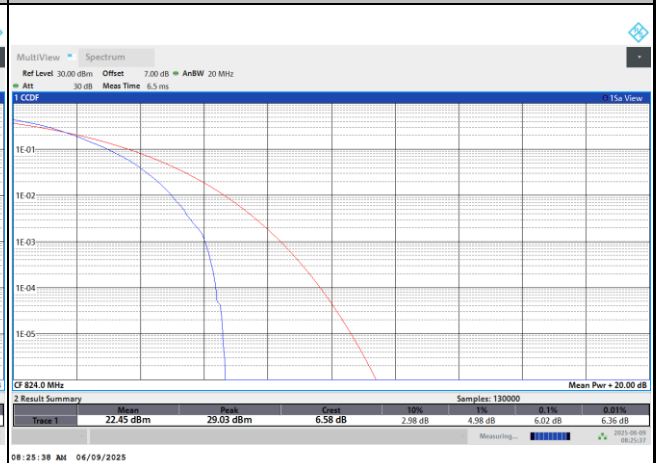
QPSK



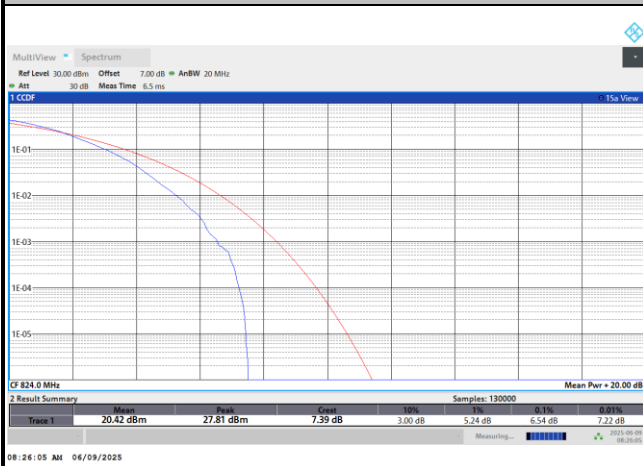
16QAM



64QAM



256QAM



**26dB Bandwidth**

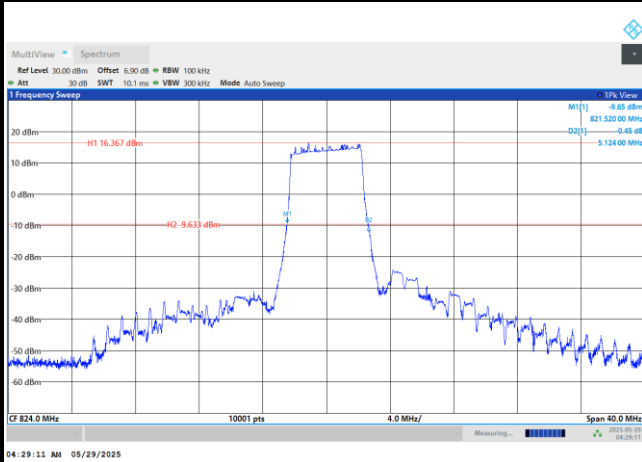
Mode	FR1 n26 : 26dB BW(MHz) / DFT-S OFDM							
BW	5MHz		10MHz		15MHz		20MHz	
Mod.	PI/2 BPSK		PI/2 BPSK		PI/2 BPSK		PI/2 BPSK	
Middle CH	5.12		9.80		14.41		19.23	

Mode	FR1 n26 : 26dB BW(MHz) / CP OFDM							
BW	5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	5.25	5.22	10.27	10.21	15.15	15.21	20.41	20.46
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Middle CH	5.24	5.27	10.10	10.29	15.18	15.15	20.41	20.46



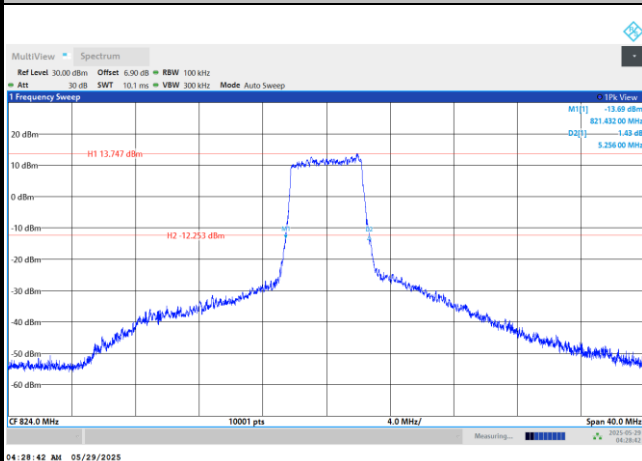
FR1 n26 / 5MHz / DFT-S OFDM / Middle Channel / Full RB

PI/2 BPSK

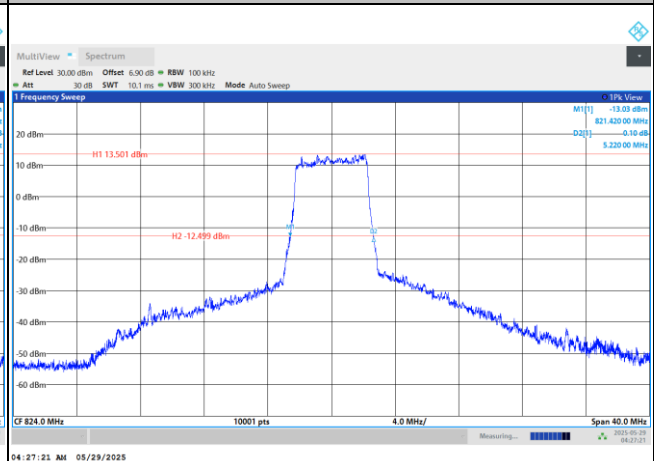


FR1 n26 / 5MHz / CP OFDM / Middle Channel / Full RB

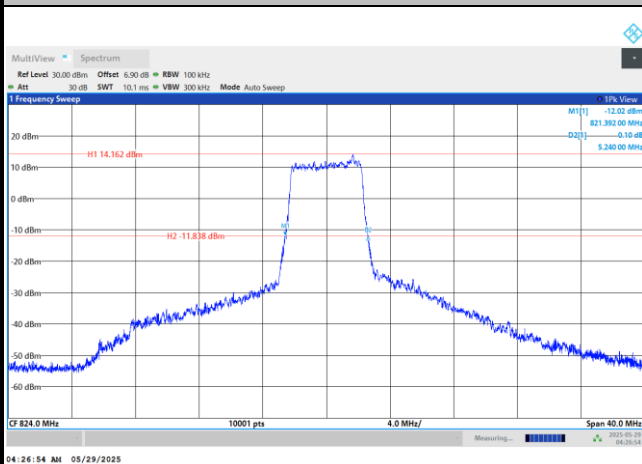
QPSK



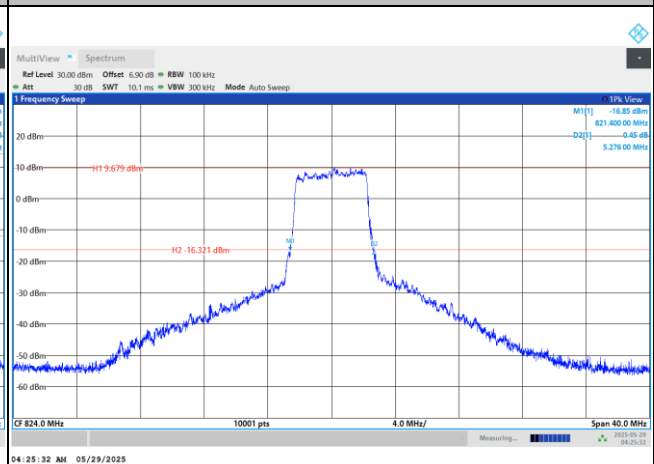
16QAM



64QAM



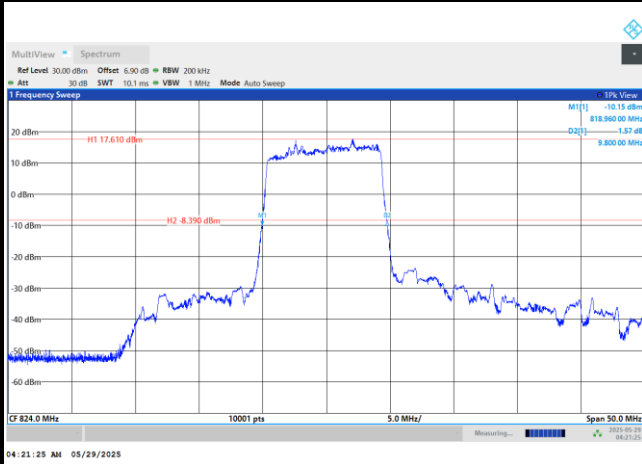
256QAM





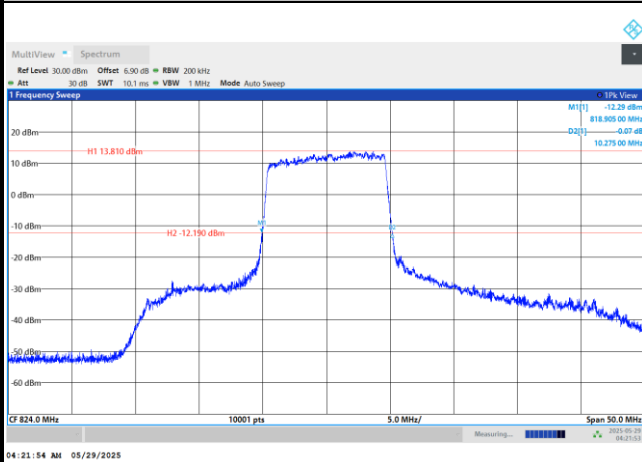
FR1 n26 / 10MHz / DFT-S OFDM / Middle Channel / Full RB

PI/2 BPSK

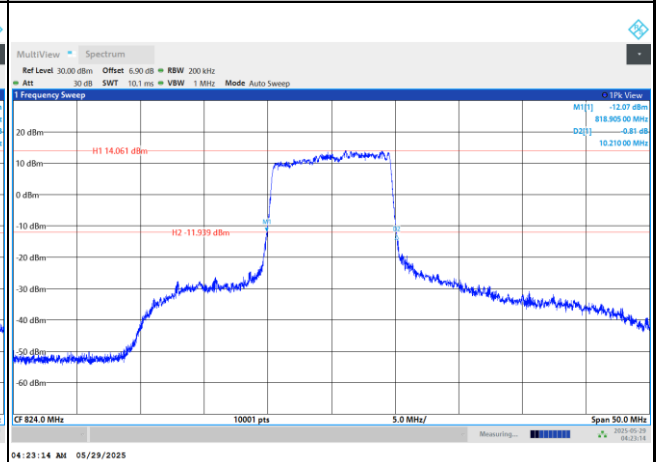


FR1 n26 / 10MHz / CP OFDM / Middle Channel / Full RB

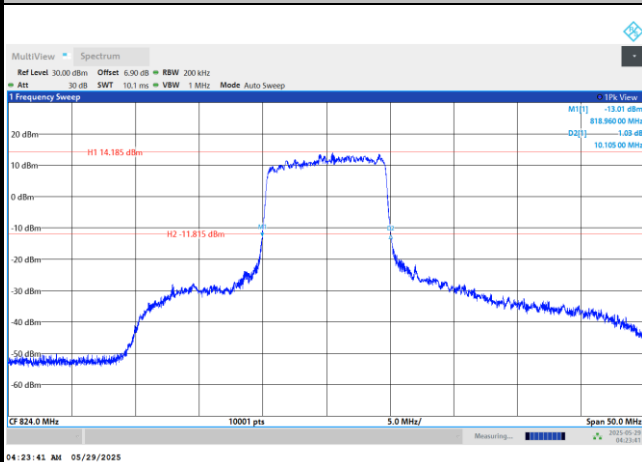
QPSK



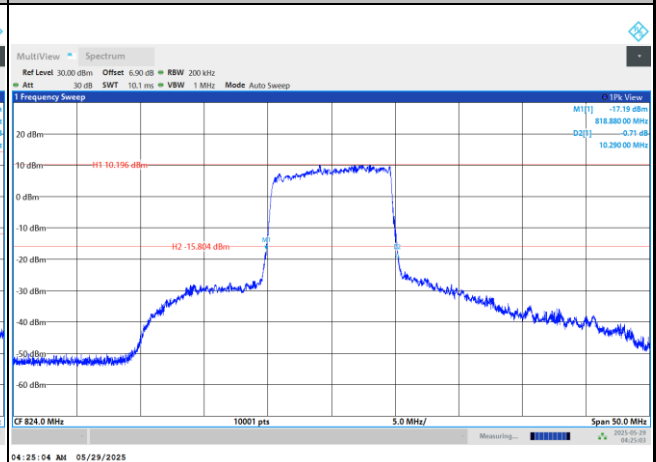
16QAM



64QAM



256QAM





MultiView Spectrum

Ref Level 30.00 dBm Offset 4.90 dB RBW 300 kHz

Att 30 dB SWT 10.1 ms VBW 1 MHz Mode Auto Sweep

1 Frequency Sweep

10% View

M1[1] 8.30 dBm
816.466 00 MHz
D2[1] -2.34 dB
14.418 00 MHz

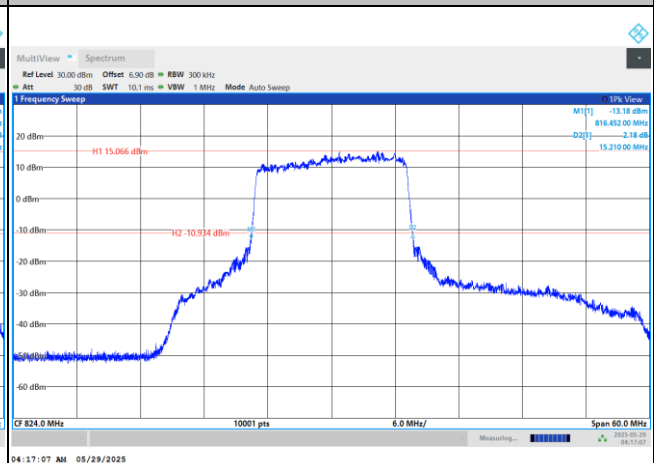
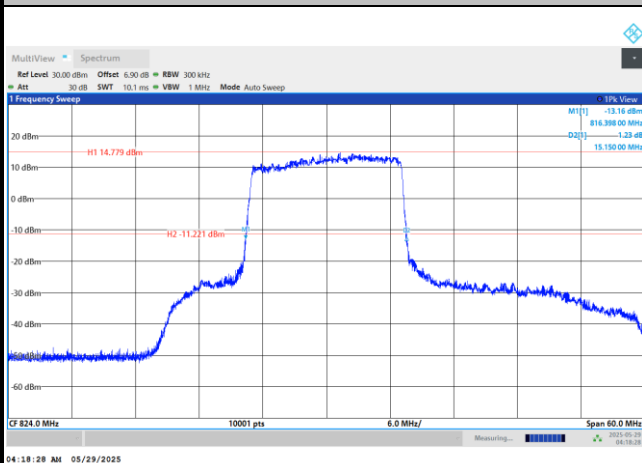
H1 19.150 dBm

H2 6.850 dBm

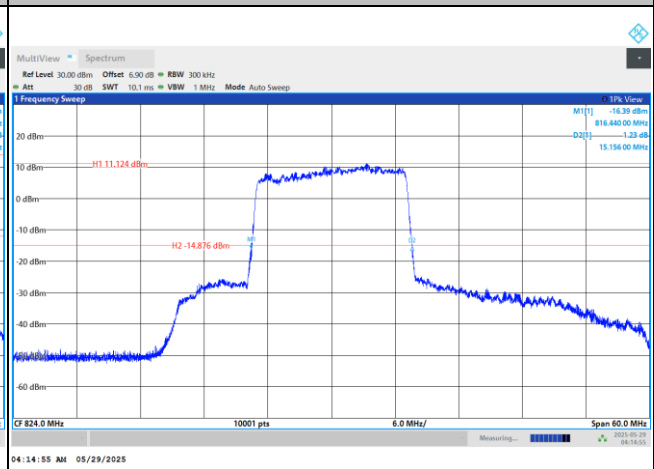
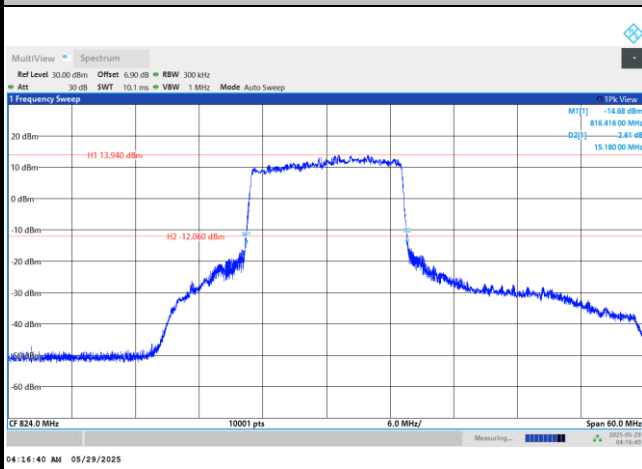
CF 824.0 MHz 10001 pts 6.0 MHz/ Span 60.0 MHz

Measuring 05:29:28 04:59:16

16QAM



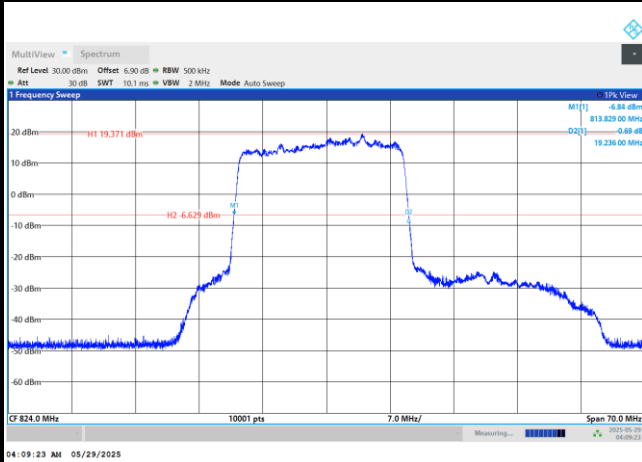
256QAM





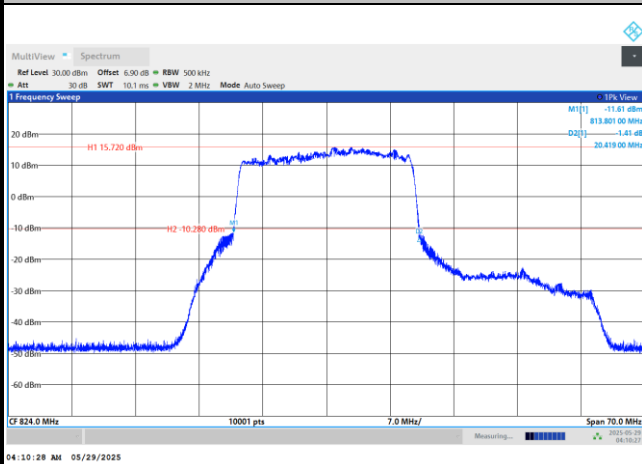
FR1 n26 / 20MHz / DFT-S OFDM / Middle Channel / Full RB

PI/2 BPSK

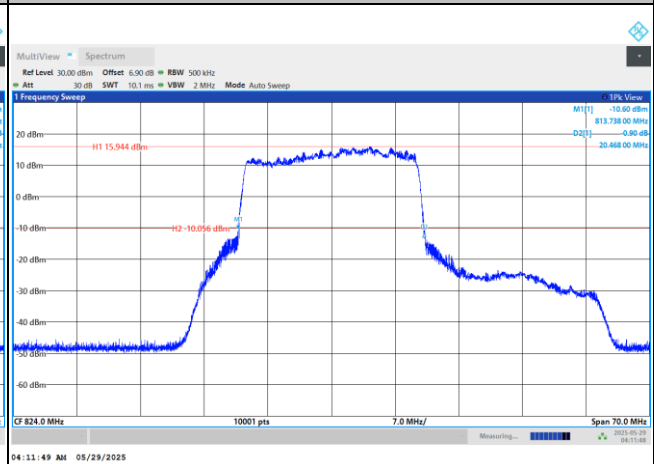


FR1 n26 / 20MHz / CP OFDM / Middle Channel / Full RB

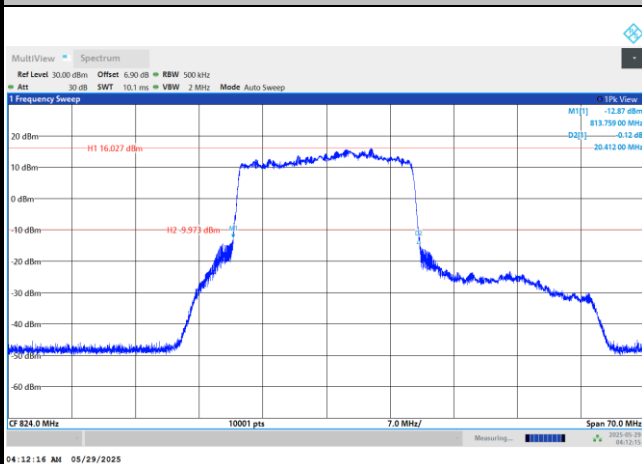
QPSK



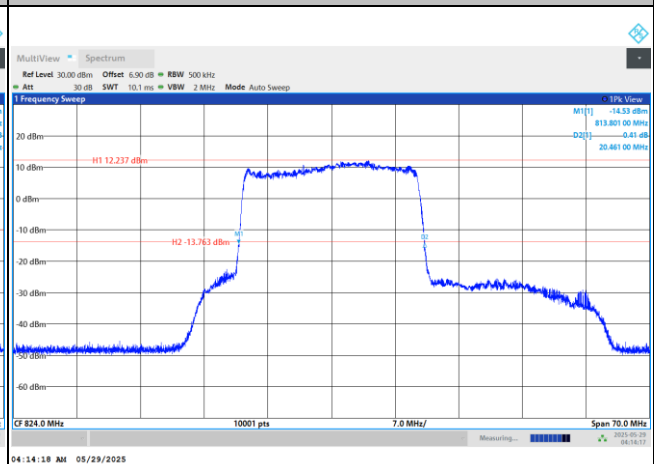
16QAM



64QAM



256QAM



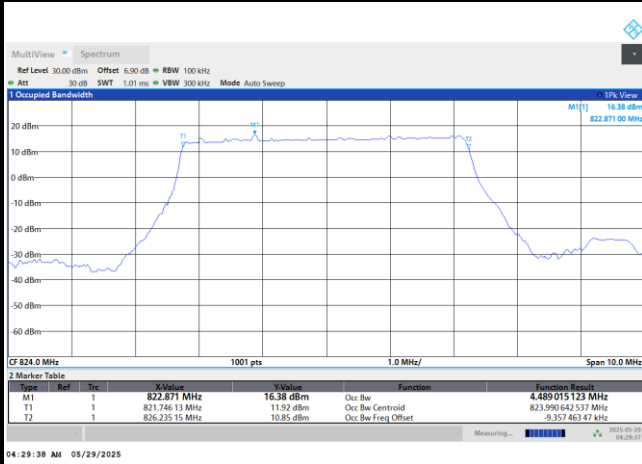
**Occupied Bandwidth**

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	
Middle CH	4.48		8.94		13.38		17.92	

Mode	FR1 n26 : 99%OBW (MHz) / CP OFDM							
BW	5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	4.52	4.54	9.28	9.29	14.06	14.08	18.92	18.95
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Middle CH	4.53	4.53	9.26	9.31	14.13	14.05	18.95	19.05

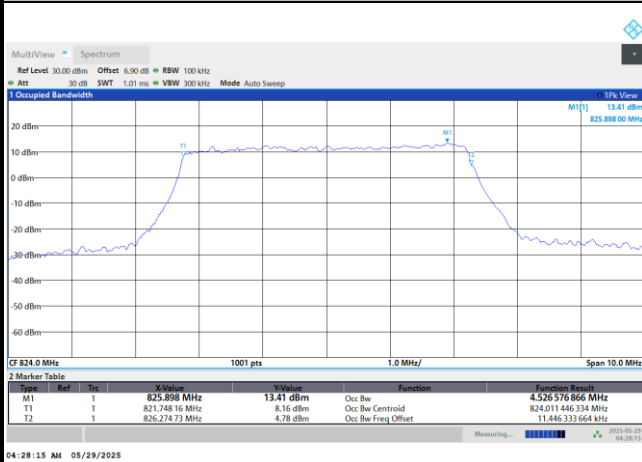
FR1 n26 / 5MHz / DFT-S OFDM / Middle Channel / Full RB

PI/2 BPSK

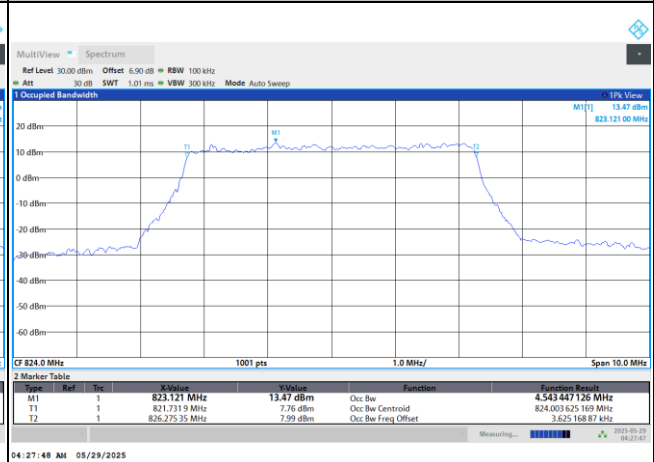


FR1 n26 / 5MHz / CP OFDM / Middle Channel / Full RB

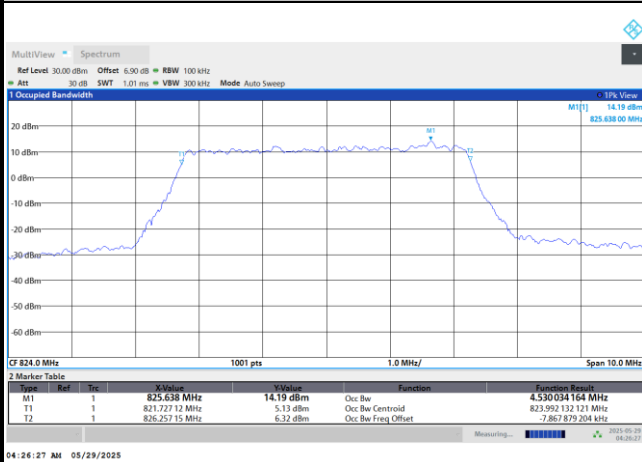
QPSK



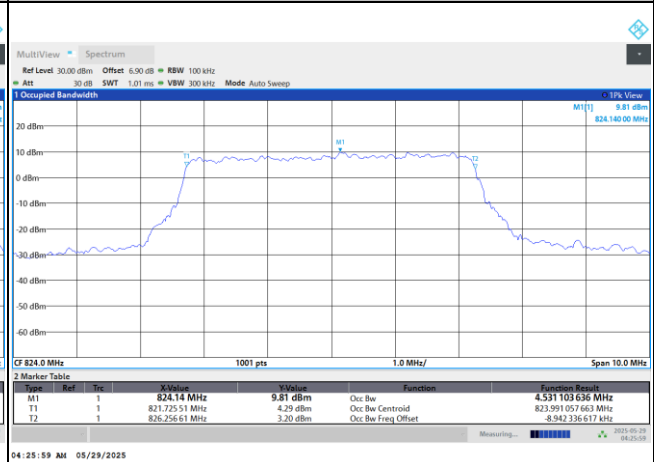
16QAM



64QAM

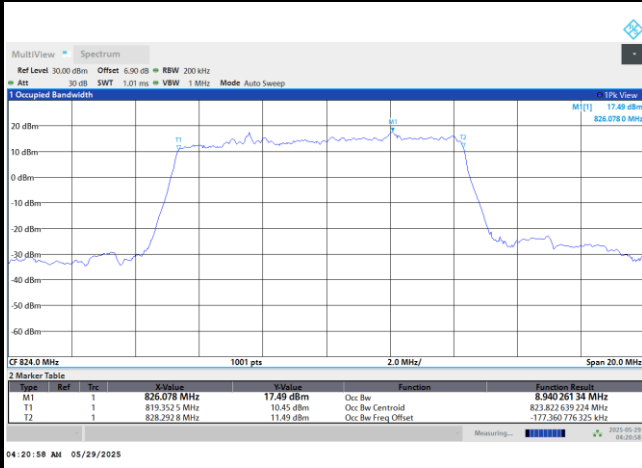


256QAM



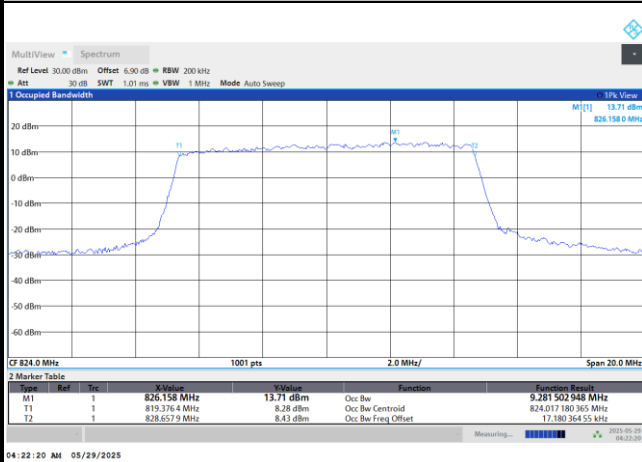
FR1 n26 / 10MHz / DFT-S OFDM / Middle Channel / Full RB

PI/2 BPSK

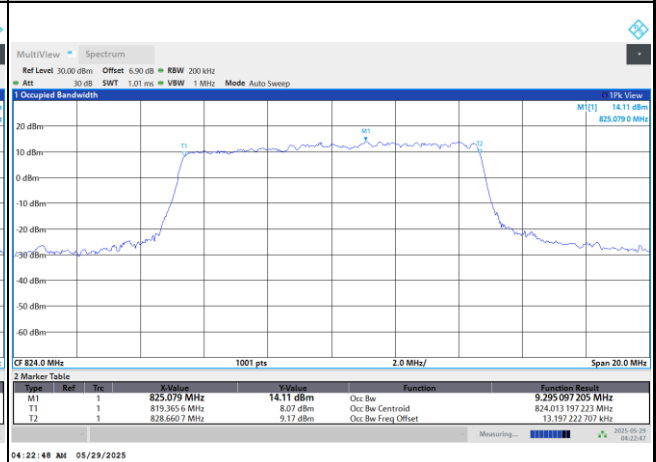


FR1 n26 / 10MHz / CP OFDM / Middle Channel / Full RB

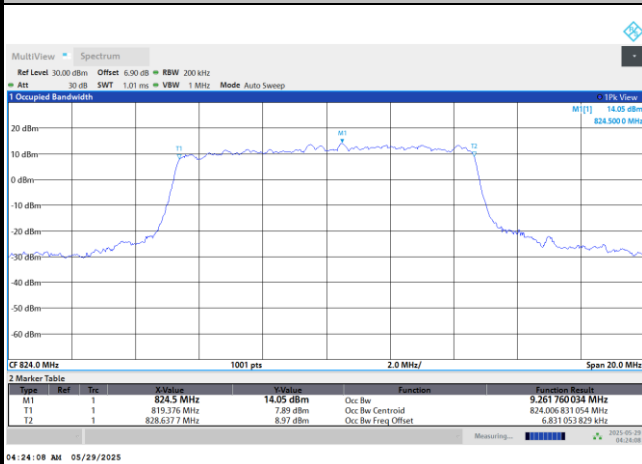
QPSK



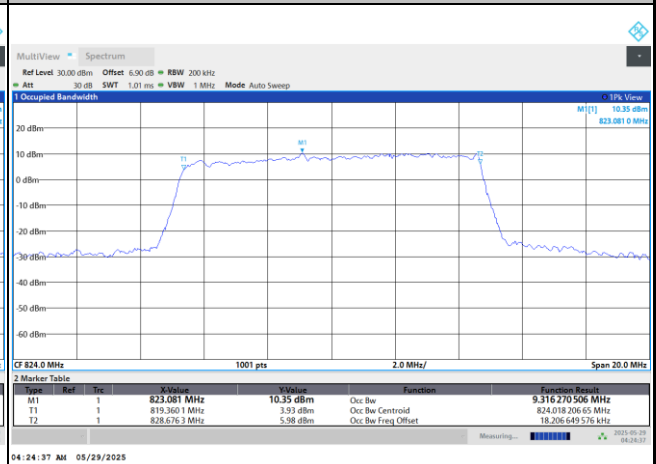
16QAM



64QAM

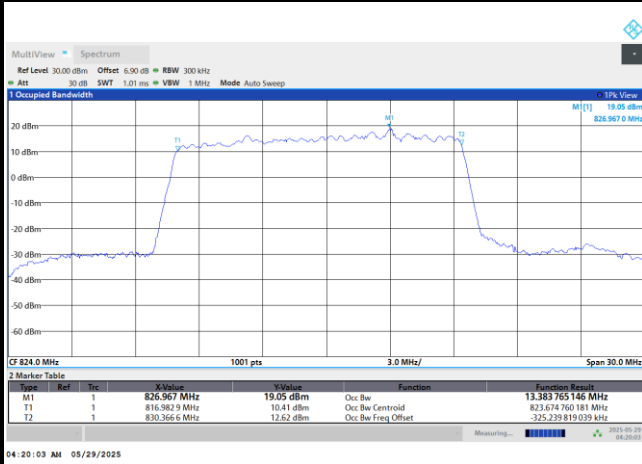


256QAM



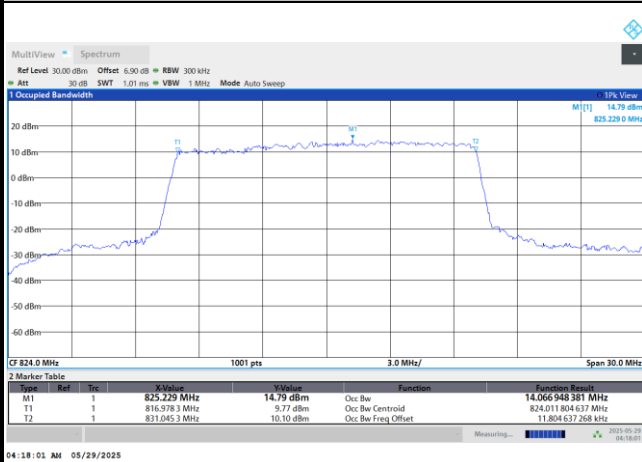
FR1 n26 / 15MHz / DFT-S OFDM / Middle Channel / Full RB

PI/2 BPSK

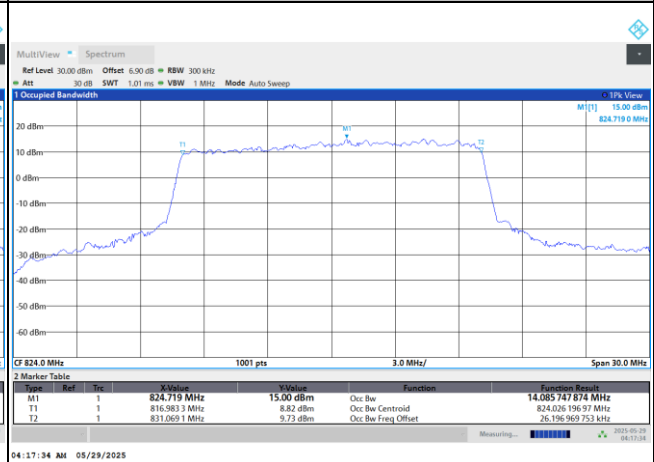


FR1 n26 / 15MHz / CP OFDM / Middle Channel / Full RB

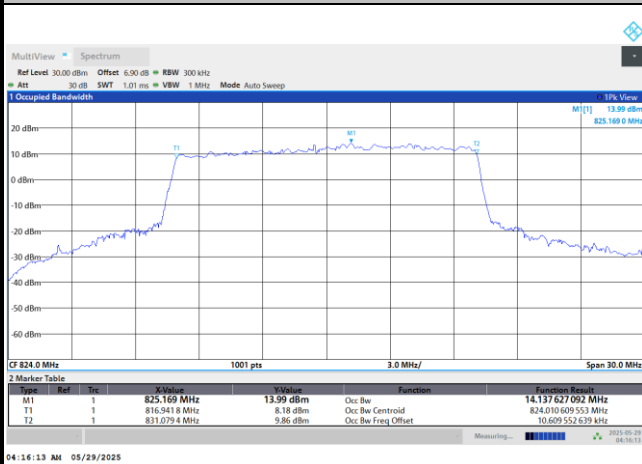
QPSK



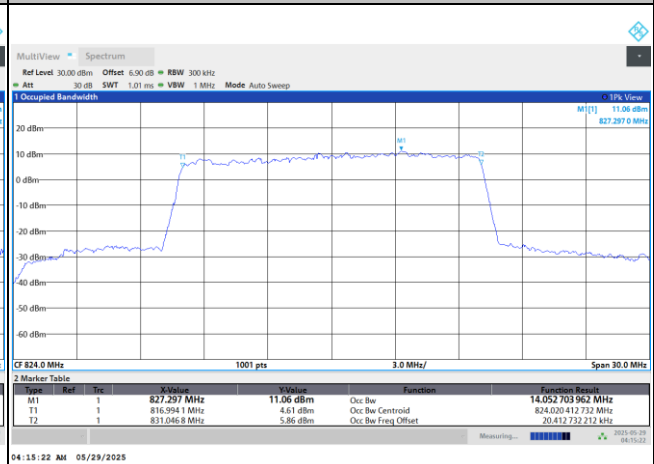
16QAM



64QAM



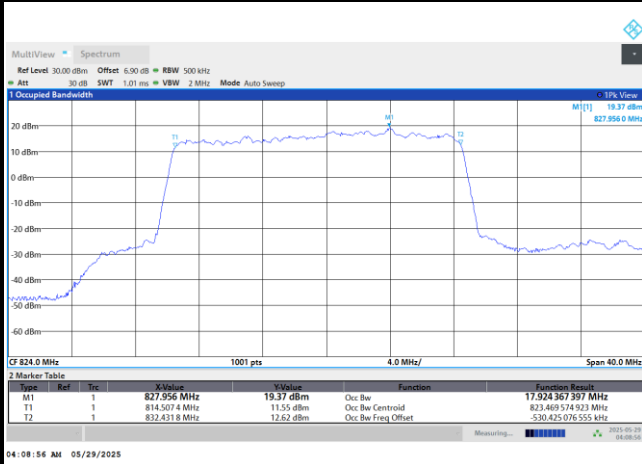
256QAM





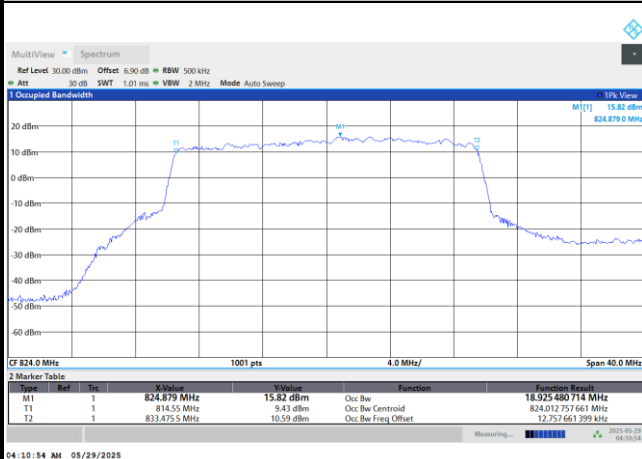
FR1 n26 / 20MHz / DFT-S OFDM / Middle Channel / Full RB

PI/2 BPSK

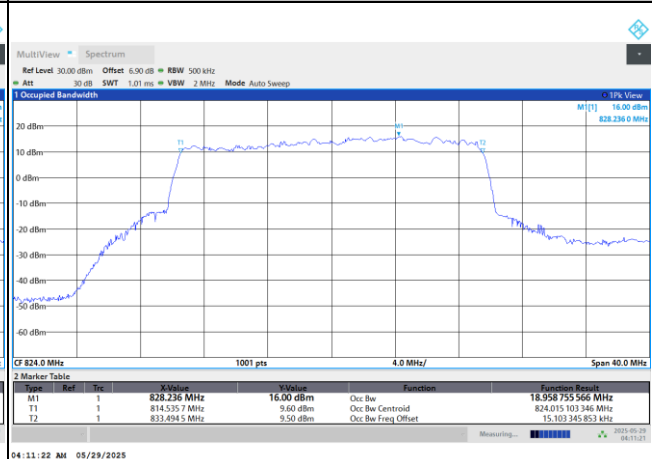


FR1 n26 / 20MHz / CP OFDM / Middle Channel / Full RB

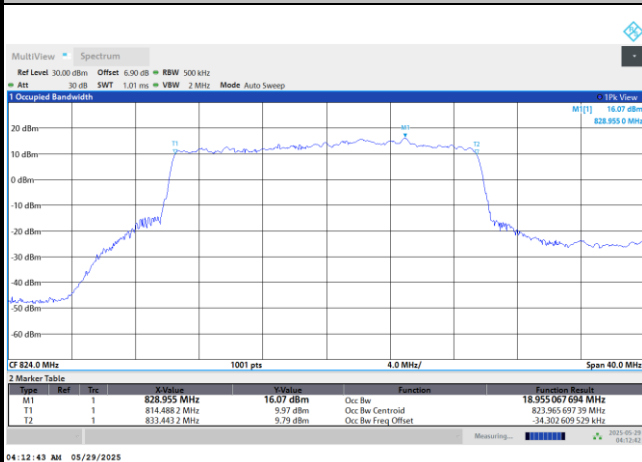
QPSK



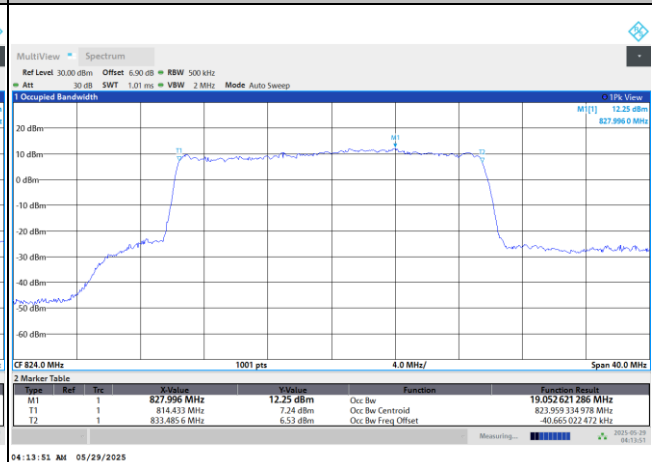
16QAM



64QAM



256QAM





Conducted Spurious Emission

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

Middle Channel

MultiView Spectrum

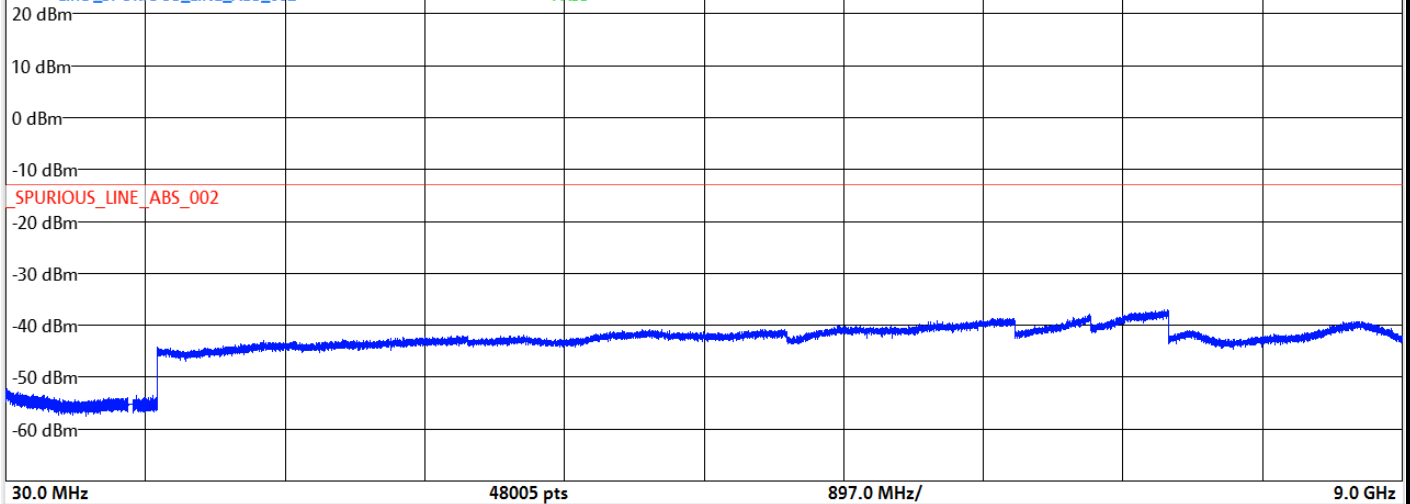
Ref Level 30.00 dBm Offset 7.00 dB Mode Auto Sweep

SGL

Count 100/100

1 AvgPwr

1 Spurious Emissions

Limit Check
Line_SPURIOUS_LINE_ABS_002PASS
PASS

2 Result Summary

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	814.000 MHz	100.000 kHz	35.509 47 MHz	-52.15 dBm	-39.15 dB
849.000 MHz	1.000 GHz	100.000 kHz	868.530 74 MHz	-53.52 dBm	-40.52 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.890 64 GHz	-42.00 dBm	-29.00 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.988 60 GHz	-37.90 dBm	-24.90 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.491 06 GHz	-37.00 dBm	-24.00 dB

Ready

2025-06-09
08:19:53

08:19:53 AM 06/09/2025

Frequency Stability

Test Conditions		FR1 n26 (BPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 20MHz	2.5 ppm
		Deviation (ppm)	Result
50	Normal Voltage	0.0126	PASS
40	Normal Voltage	0.0038	
30	Normal Voltage	0.0013	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0192	
0	Normal Voltage	0.0031	
-10	Normal Voltage	0.0018	
-20	Normal Voltage	0.0041	
-30	Normal Voltage	0.0057	
20	Maximum Voltage	0.0038	
20	Normal Voltage	0.0147	
20	Minimum Voltage	0.0018	

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 n30****<SISO Mode>****Peak-to-Average Ratio**

Mode	FR1 n30 / 10MHz / DFT-S OFDM				
Mod.	PI/2 BPSK	QPSK	16QAM	64QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Full RB	Result
Middle CH	4.24	4.96	5.54	6.08	PASS
Mode	FR1 n30 / 10MHz / DFT-S OFDM				
Mod.	256QAM				Limit: 13dB
RB Size	Full RB				Result
Middle CH	6.70				PASS