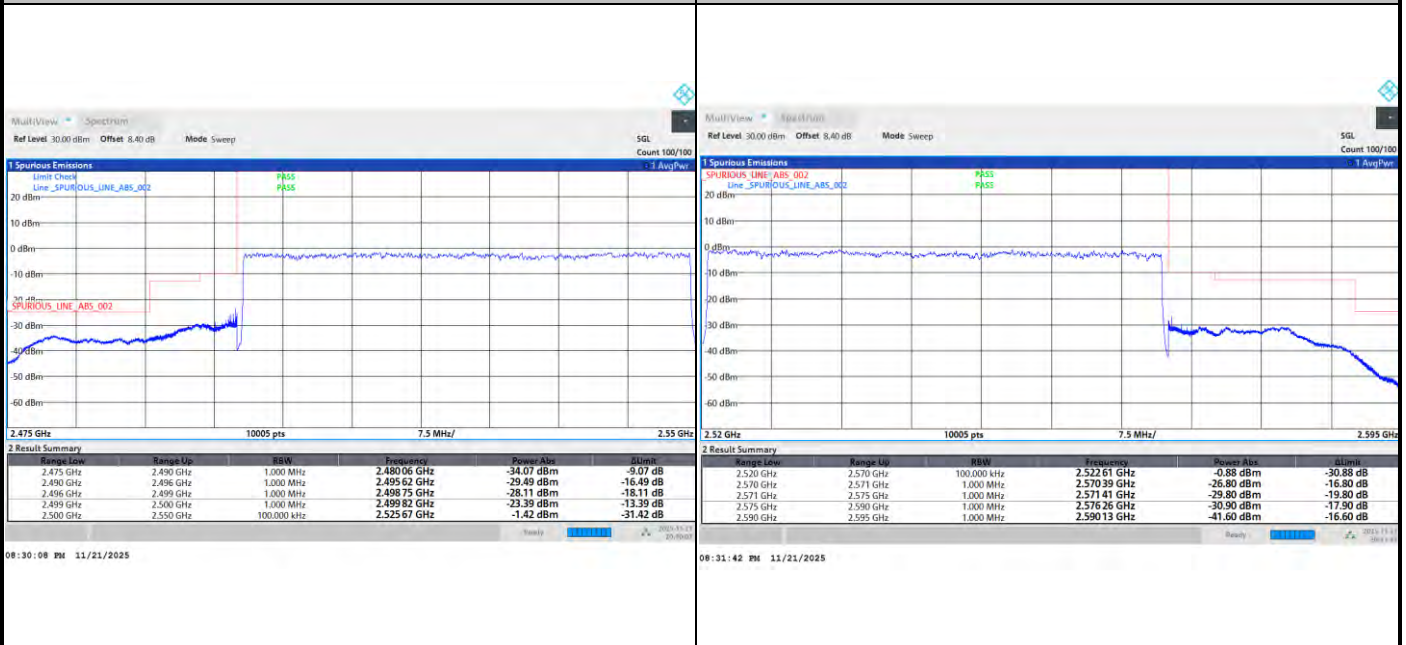




FR1 n7 / 50MHz / DFT-s-OFDM / PI/2 BPSK

Lowest Band Edge / Full RB

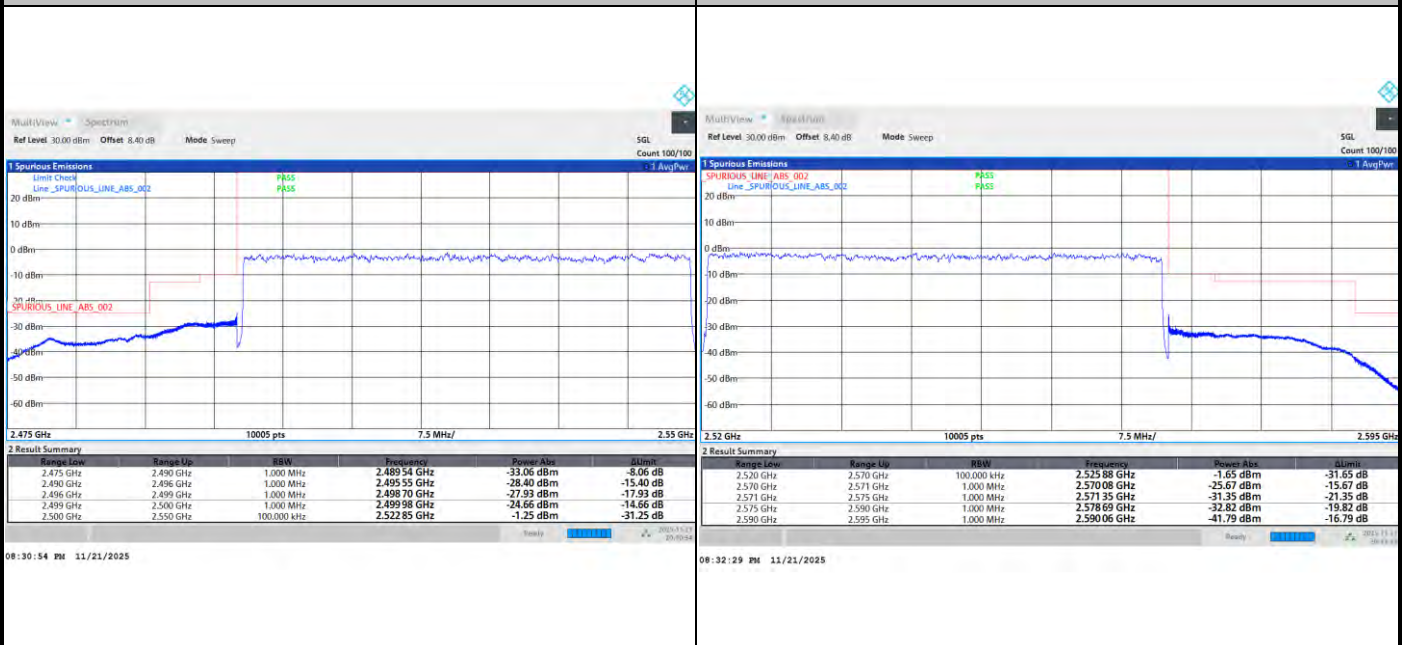
Highest Band Edge / Full RB



FR1 n7 / 50MHz / DFT-s-OFDM / QPSK

Lowest Band Edge / Full RB

Highest Band Edge / Full RB

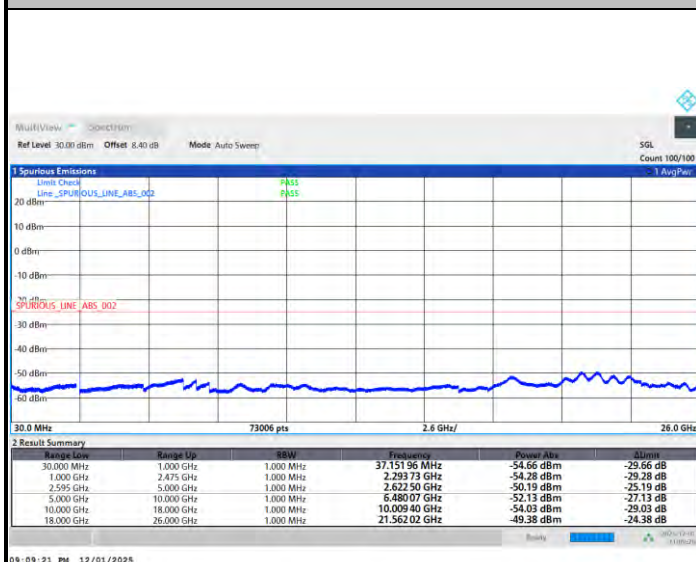




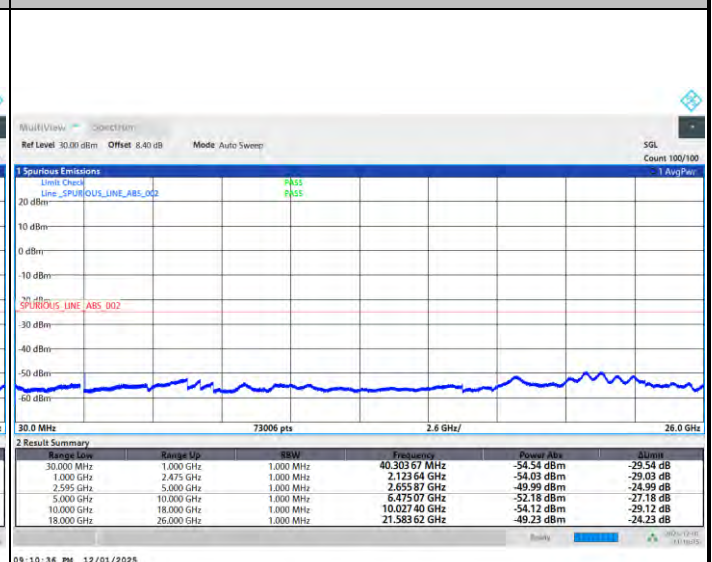
Conducted Spurious Emission

FR1 n7 / 5MHz / DFT-S OFDM / QPSK / 1RB1

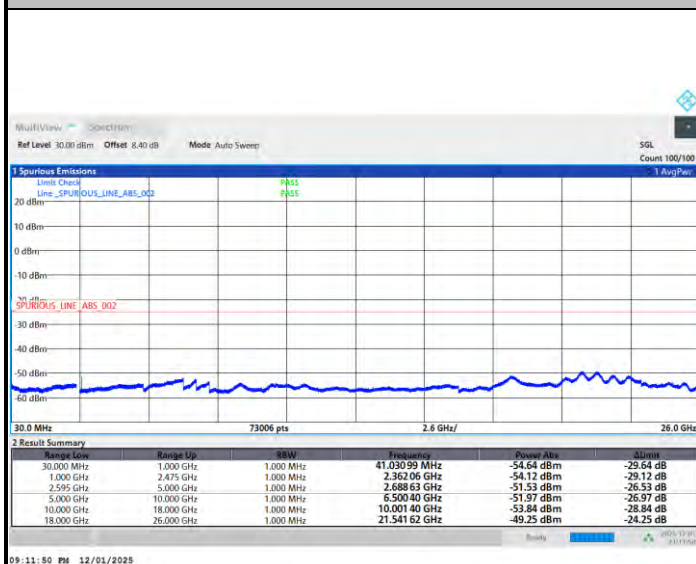
Lowest Channel



Middle Channel



Highest Channel



Frequency Stability

Test Conditions		FR1 n7 (BPSK) / Middle Channel 10M			
Temperature (°C)	Voltage (Volt)	Deviation (ppm)	Frequency Offset (Δf) (Hz)	Within Authorized Frequency Block(Hz)	Result
50	Normal Voltage	0.0007	1.9	Yes	PASS
40	Normal Voltage	0.0019	4.9	Yes	
30	Normal Voltage	0.0028	-7.1	Yes	
20(Ref.)	Normal Voltage	0.0000	0	Yes	
10	Normal Voltage	0.0030	7.7	Yes	
0	Normal Voltage	0.0014	-3.5	Yes	
-10	Normal Voltage	0.0028	-7	Yes	
-20	Normal Voltage	0.0013	3.2	Yes	
-30	Normal Voltage	0.0034	-8.7	Yes	
20	Maximum Voltage	0.0015	-3.9	Yes	
20	Normal Voltage	0.0023	-5.9	Yes	
20	Minimum Voltage	0.0030	-7.6	Yes	

Note:

1. Normal Voltage = 3.9 V. ; Minimum Voltage = 3.6 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 n12****<SISO Mode>****Peak-to-Average Ratio**

Mode	FR1 n12 / 15MHz / 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	3.86	5.06	5.98	6.28	PASS
Mode	FR1 n12 / 15MHz / DFT-S OFDM				
Mod.	256QAM				Limit: 13dB
RB Size	Full RB				Result
Middle CH	6.48				PASS

FR1 n12 / 15MHz / DFT-S OFDM / Middle Channel / Full RB

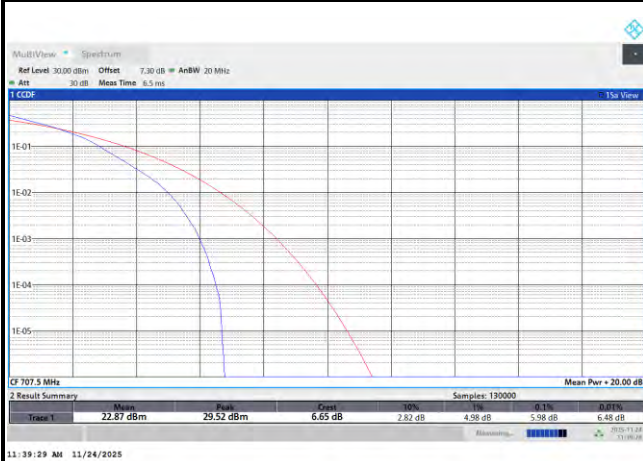
PI/2 BPSK



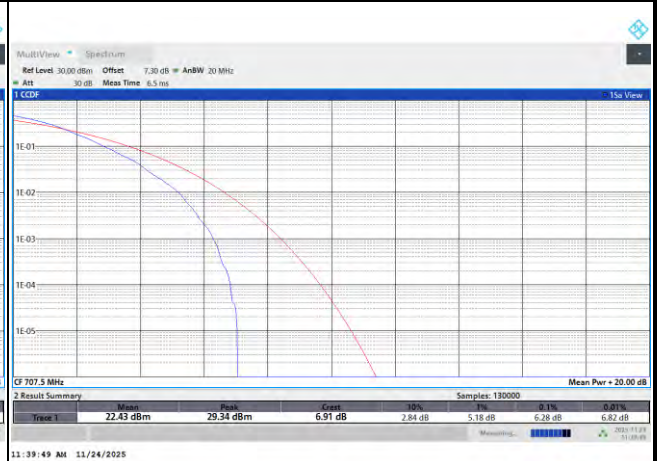
QPSK



16QAM



64QAM



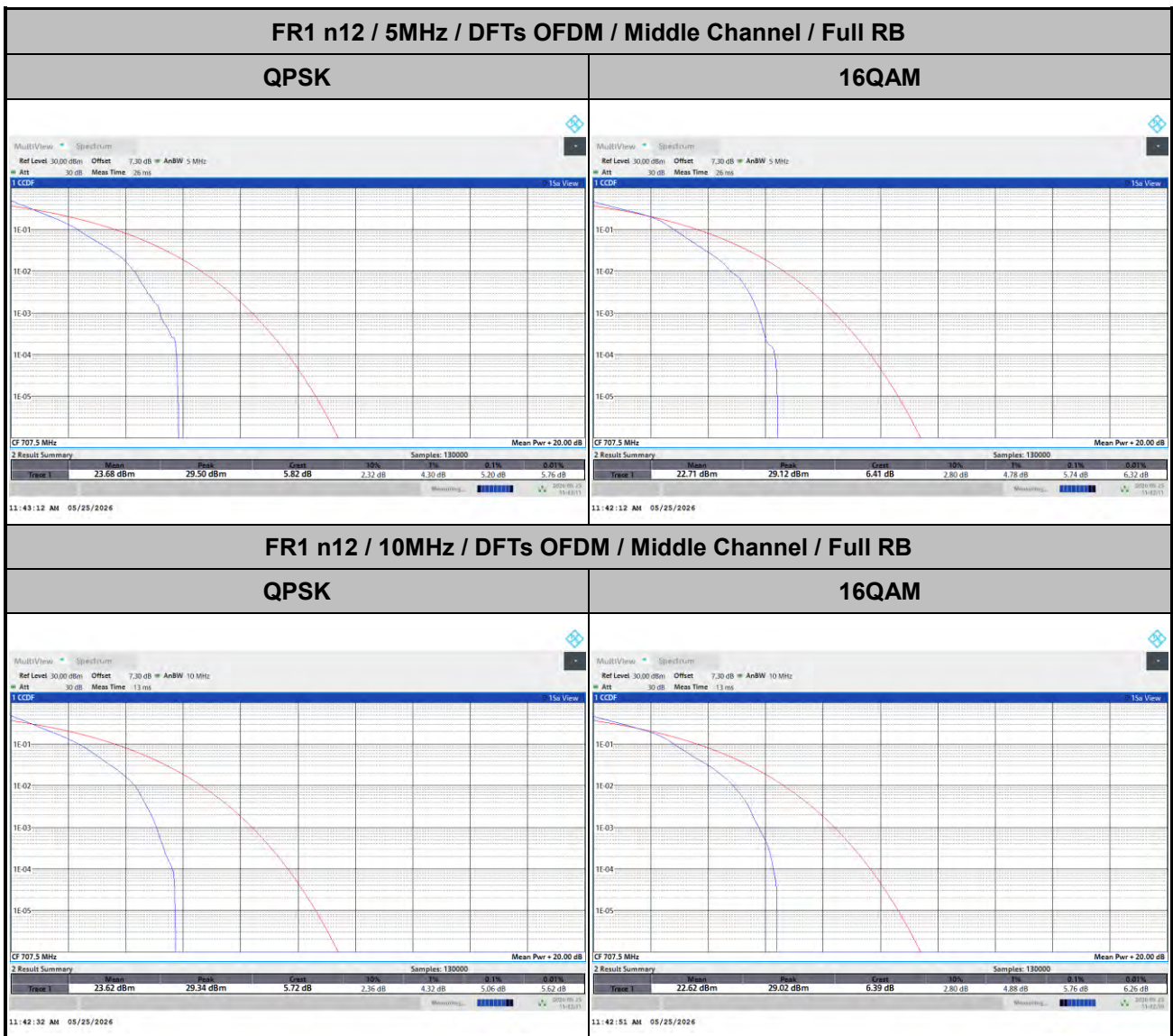
256QAM





Mode	FR1 n12 / 5MHz / DFT-S OFDM		
Mod.	QPSK	16QAM	Limit: 13dB
RB Size	Full RB	Full RB	Result
Middle CH	5.20	5.74	PASS

Mode	FR1 n12 / 10MHz / DFT-S OFDM		
Mod.	QPSK	16QAM	Limit: 13dB
RB Size	Full RB	Full RB	Result
Middle CH	5.06	5.76	PASS



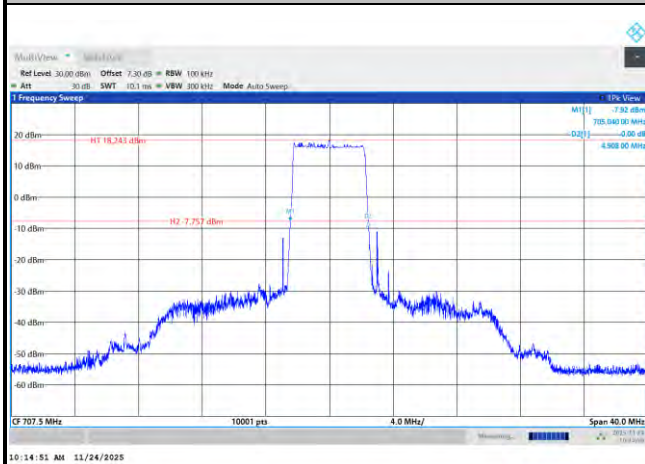
**26dB Bandwidth**

Mode	FR1 n12 : 26dB BW(MHz) / DFT-S OFDM							
BW	5MHz		10MHz		15MHz			
Mod.	PI/2 BPSK	QPSK	PI/2 BPSK	QPSK	PI/2 BPSK	QPSK		
Middle CH	4.90	4.97	9.54	9.58	15.01	14.94		
Mod.	16QAM		16QAM		16QAM			
Middle CH	4.93		9.59		14.95			

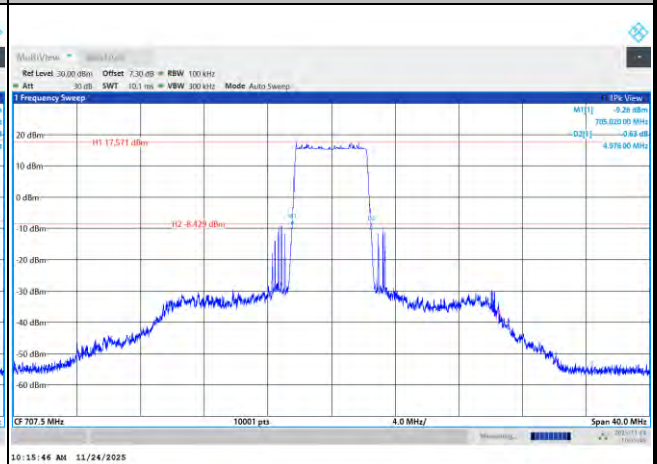


FR1 n12 / 5MHz / DFT-S OFDM / Middle Channel / Full RB

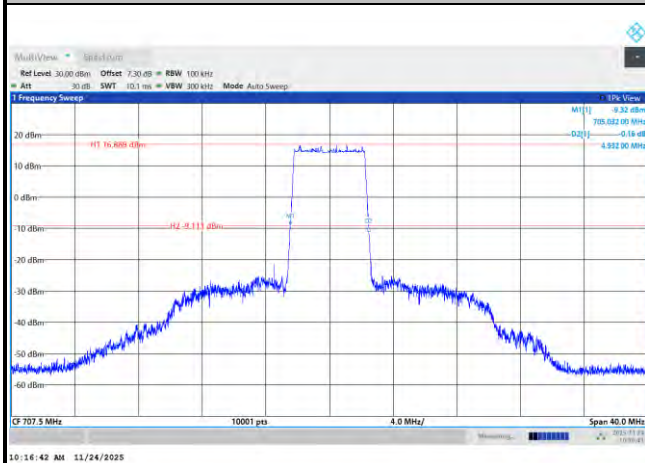
PI/2 BPSK



QPSK



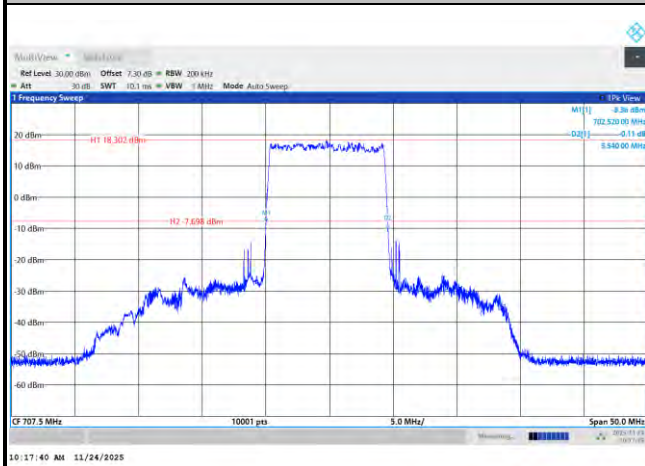
16QAM



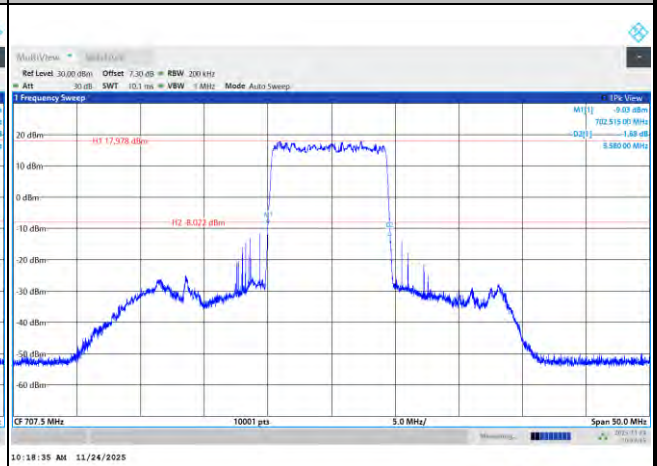


FR1 n12 / 10MHz / DFT-S OFDM / Middle Channel / Full RB

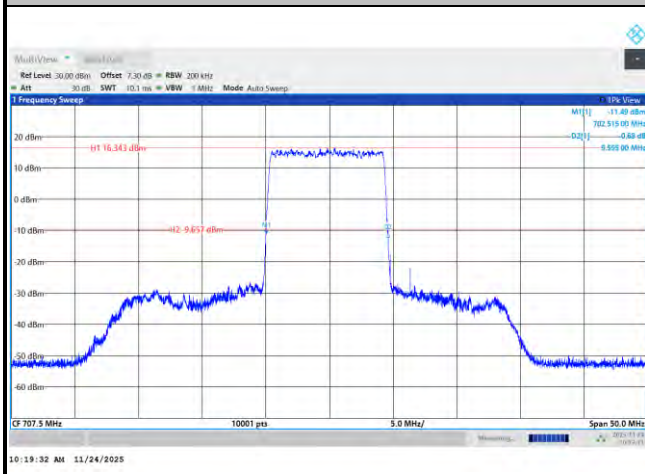
PI/2 BPSK



QPSK



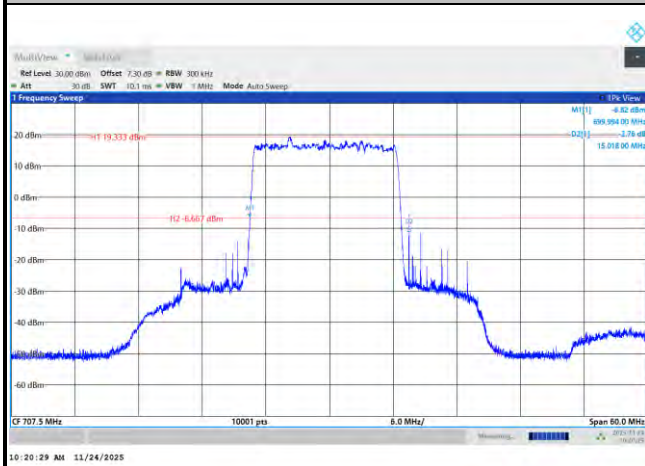
16QAM



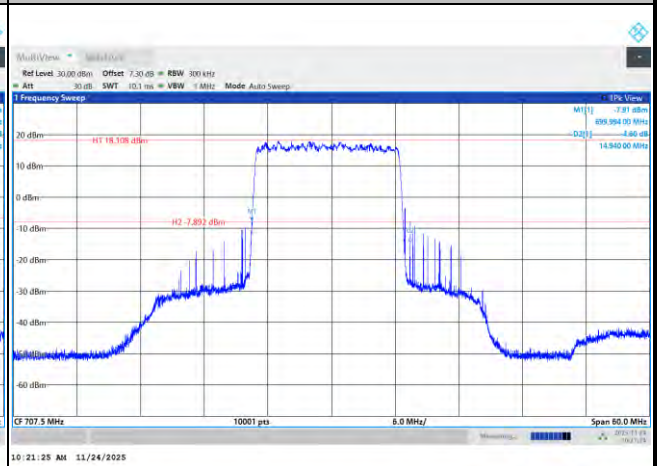


FR1 n12 / 15MHz / DFT-S OFDM / Middle Channel / Full RB

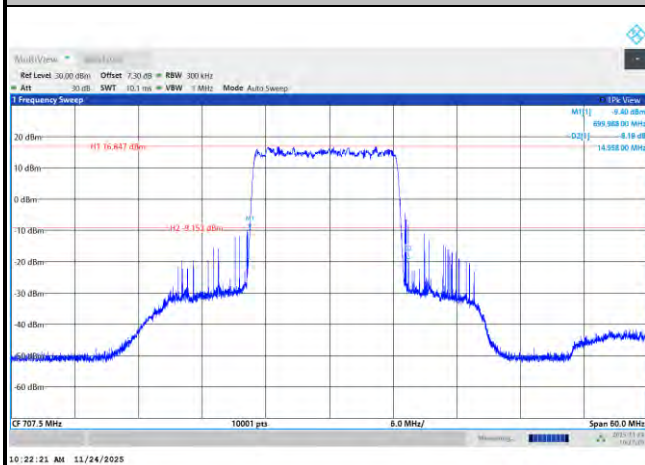
QPSK



QPSK



16QAM



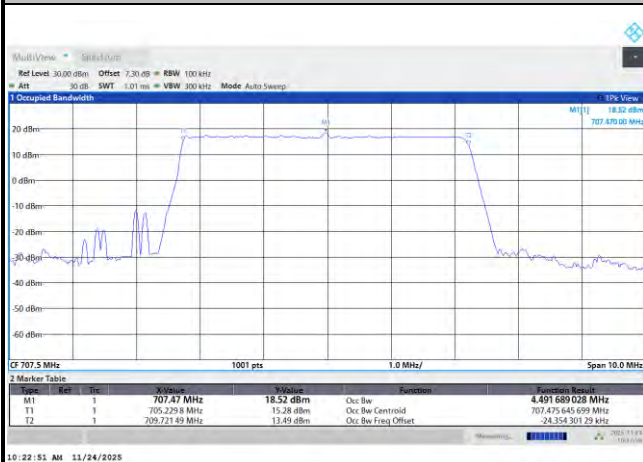
**Occupied Bandwidth**

Mode	FR1 n12 : 99%OBW(MHz) / DFT-S OFDM							
BW	5MHz		10MHz		15MHz			
Mod.	PI/2 BPSK	QPSK	PI/2 BPSK	QPSK	PI/2 BPSK	QPSK		
Middle CH	4.49	4.51	9.00	8.95	13.45	13.44		
Mod.	16QAM		16QAM		16QAM			
Middle CH	4.49		8.94		13.43			



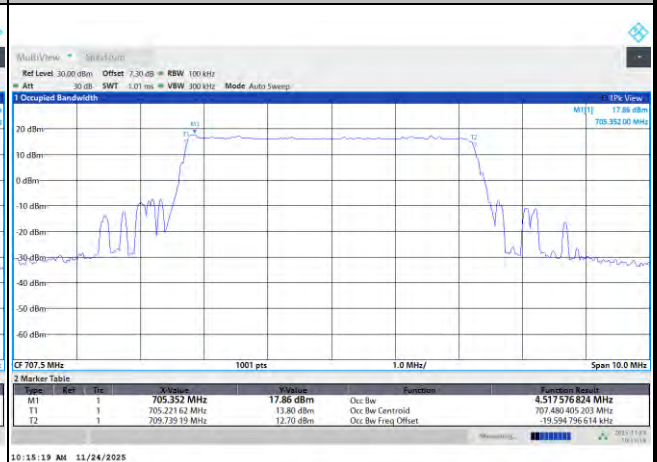
FR1 n12 / 5MHz / DFT-S OFDM / Middle Channel / Full RB

PI/2 BPSK



10:22:51 AM 11/24/2025

QPSK



10:15:19 AM 11/24/2025

16QAM

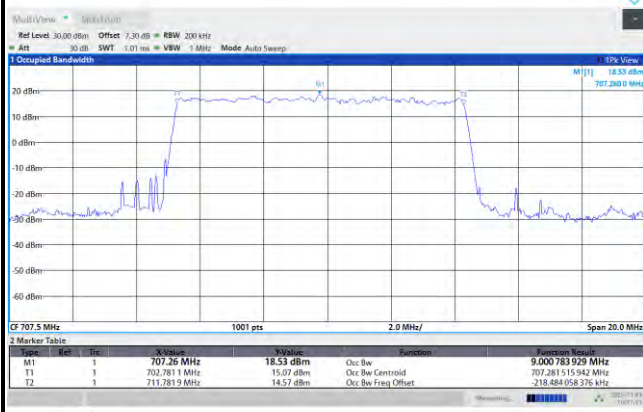


10:14:14 AM 11/24/2025

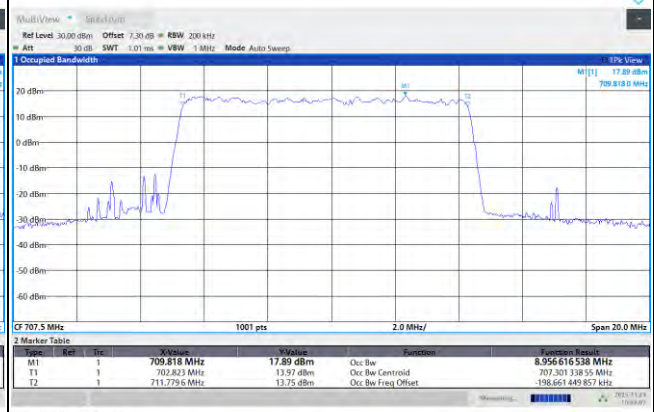


FR1 n12 / 10MHz / DFT-S OFDM / Middle Channel / Full RB

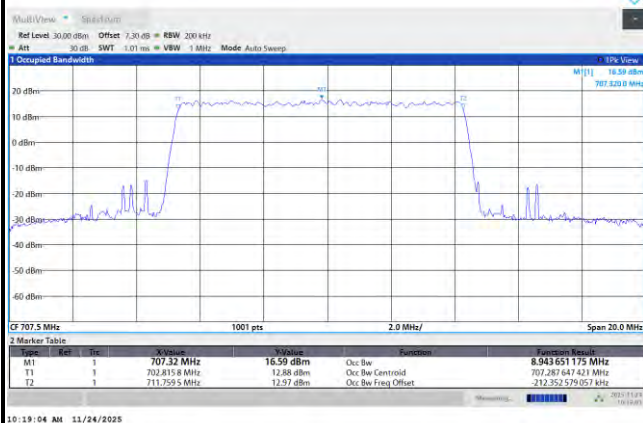
PI/2 BPSK



QPSK



16QAM





FR1 n12 / 15MHz / DFT-S OFDM / Middle Channel / Full RB

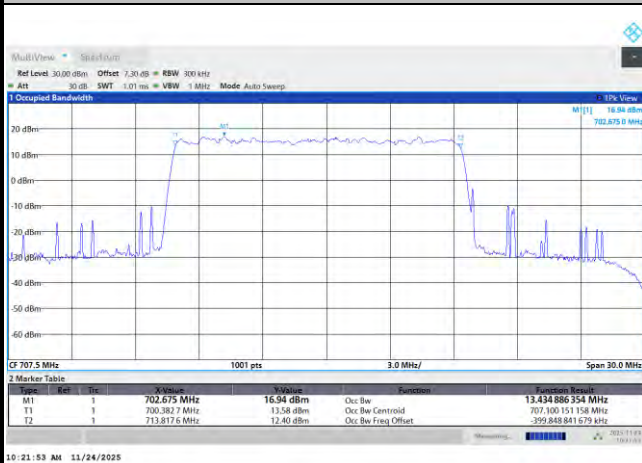
PI/2 BPSK



QPSK



16QAM



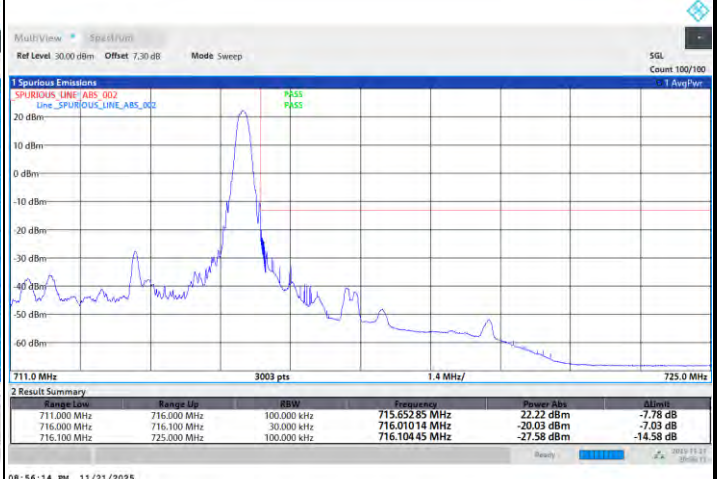


Conducted Band Edge

FR1 n12 / 5MHz / DFT-S OFDM / PI/2 BPSK

Lowest Band Edge / 1RB0

Highest Band Edge / 1RBmax



Lowest Band Edge / Full RB

Highest Band Edge / Full RB

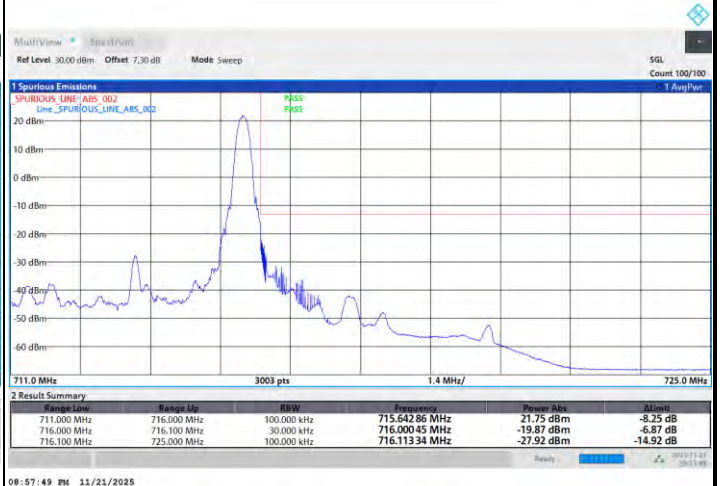




FR1 n12 / 5MHz / DFT-S OFDM / QPSK

Lowest Band Edge / 1RB0

Highest Band Edge / 1RBmax



Lowest Band Edge / Full RB

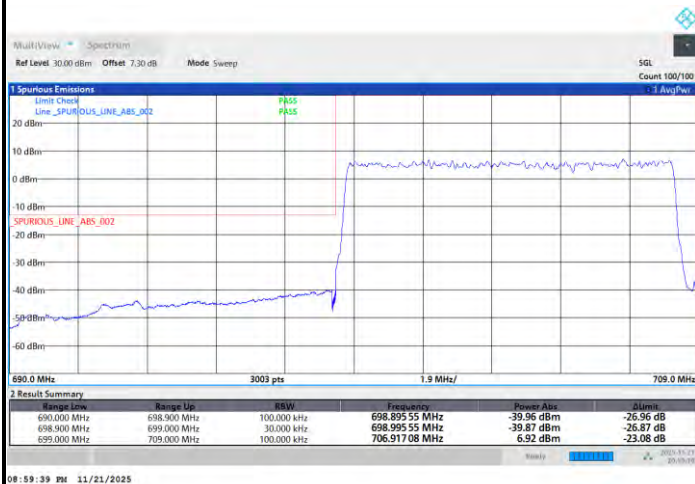
Highest Band Edge / Full RB





FR1 n12 / 10MHz / DFT-s-OFDM / PI/2 BPSK / Full RB

Lowest Band Edge



08:59:39 PM 11/21/2025

Highest Band Edge



09:01:13 PM 11/21/2025

FR1 n12 / 10MHz / DFT-s-OFDM / QPSK / Full RB

Lowest Band Edge



09:00:25 PM 11/21/2025

Highest Band Edge



09:01:59 PM 11/21/2025



FR1 n12 / 15MHz / DFT-s-OFDM / PI/2 BPSK / Full RB

Lowest Band Edge

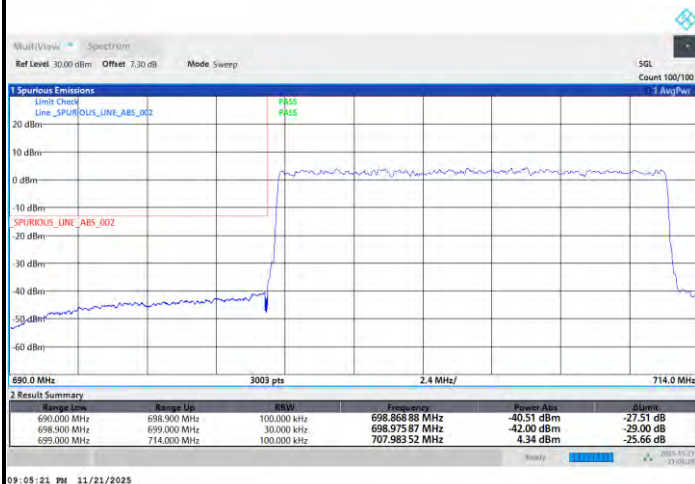


Highest Band Edge



FR1 n12 / 15MHz / DFT-s-OFDM / QPSK / Full RB

Lowest Band Edge



Highest Band Edge

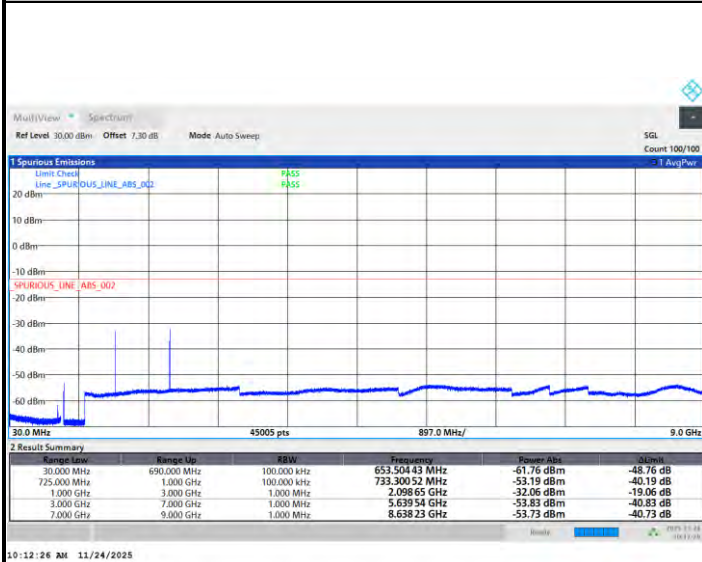




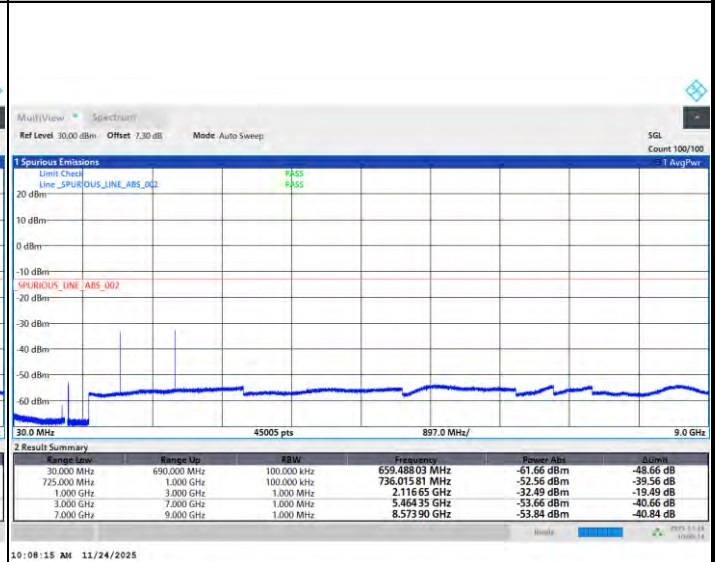
Conducted Spurious Emission

FR1 n12 / 5MHz / DFT-S OFDM / QPSK / 1RB1

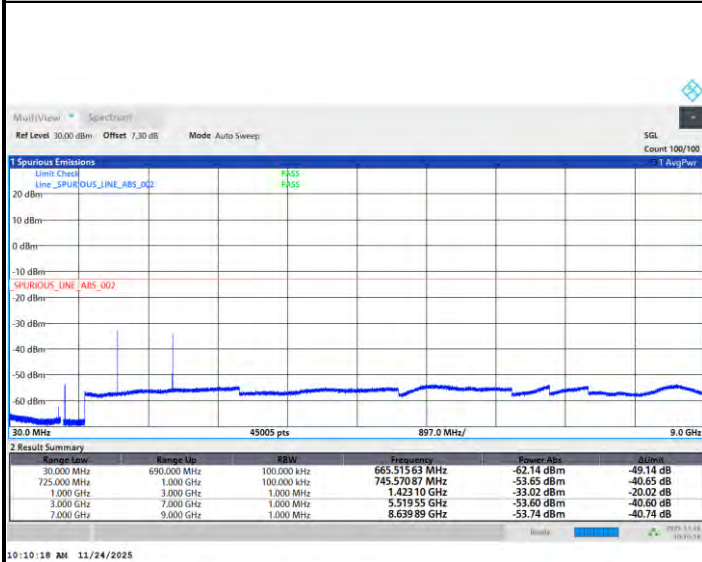
Lowest Channel



Middle Channel



Highest Channel



Frequency Stability

Test Conditions		FR1 n12 (BPSK) / Middle Channel 10M			
Temperature (°C)	Voltage (Volt)	Deviation (ppm)	Frequency Offset (Δf) (Hz)	Within Authorized Frequency Block(Hz)	Result
50	Normal Voltage	0.0051	-3.6	Yes	PASS
40	Normal Voltage	0.0105	-7.4	Yes	
30	Normal Voltage	0.0010	0.7	Yes	
20(Ref.)	Normal Voltage	0.0000	0	Yes	
10	Normal Voltage	0.0189	-13.4	Yes	
0	Normal Voltage	0.0090	-6.4	Yes	
-10	Normal Voltage	0.0008	0.6	Yes	
-20	Normal Voltage	0.0035	2.5	Yes	
-30	Normal Voltage	0.0146	-10.3	Yes	
20	Maximum Voltage	0.0034	2.4	Yes	
20	Normal Voltage	0.0013	0.9	Yes	
20	Minimum Voltage	0.0143	-10.1	Yes	

Note:

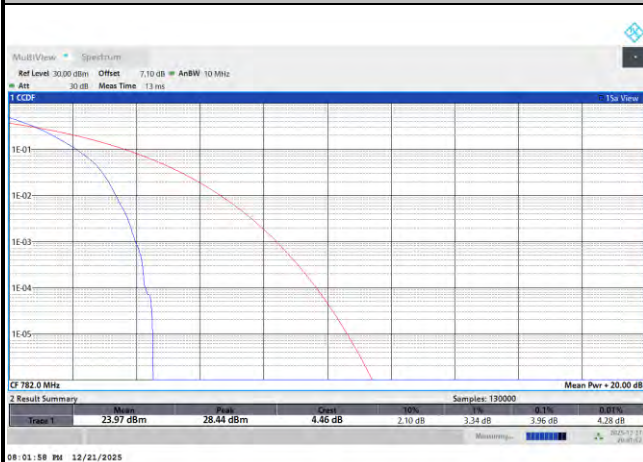
1. Normal Voltage = 3.9 V. ; Minimum Voltage = 3.6 V. ; Maximum Voltage = 4.4 V.
2. The frequency fundamental emissions stay within the authorized frequency block.
3. The frequency variation is sufficient to ensure that the occupied bandwidth of all operation channels stay within the operating frequency block or frequency block group.

**FR1 n13****<SISO Mode>****Peak-to-Average Ratio**

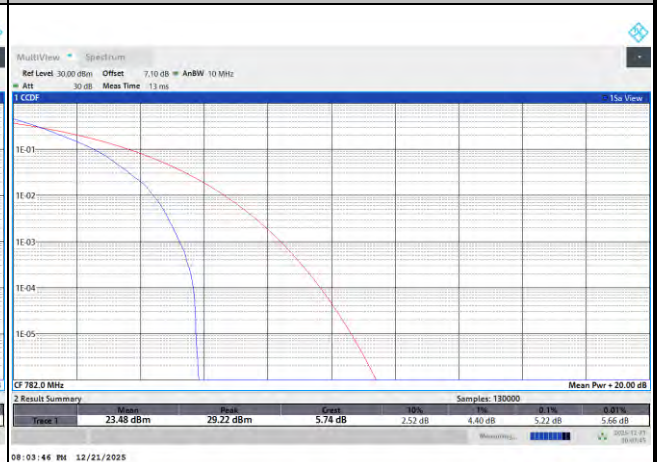
Mode	FR1 n13 / 10MHz / DFT-S OFDM				
Mod.	PI/2 BPSK	QPSK	16QAM	64QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Full RB	Result
Middle CH	3.96	5.22	5.76	6.18	PASS
Mode	FR1 n13 / 20MHz / DFT-S OFDM				
Mod.	256QAM				Limit: 13dB
RB Size	Full RB				Result
Middle CH	6.38				PASS

FR1 n13 / 10MHz / DFT-S OFDM / Middle Channel / Full RB

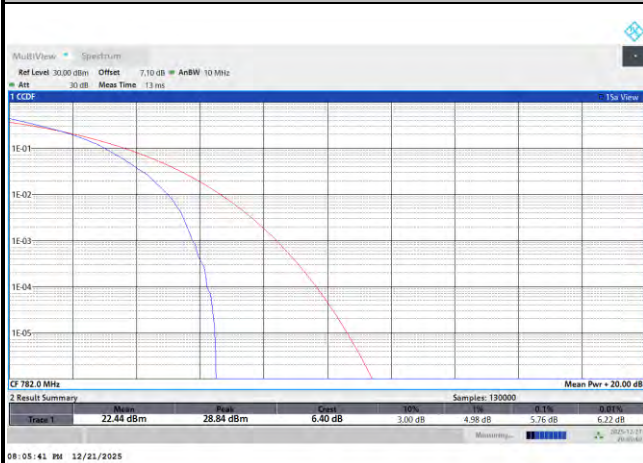
PI/2 BPSK



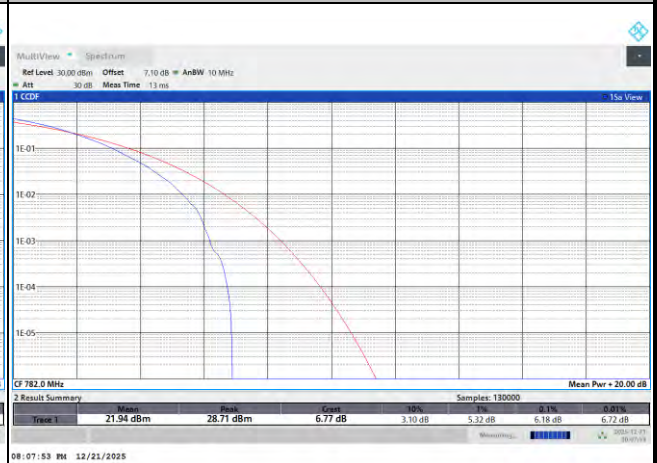
QPSK



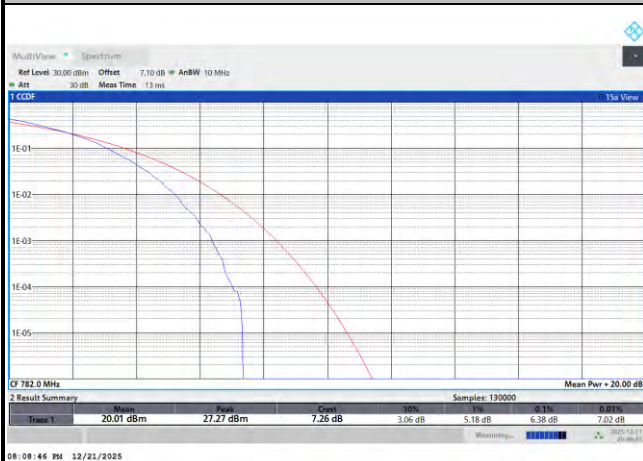
16QAM



64QAM

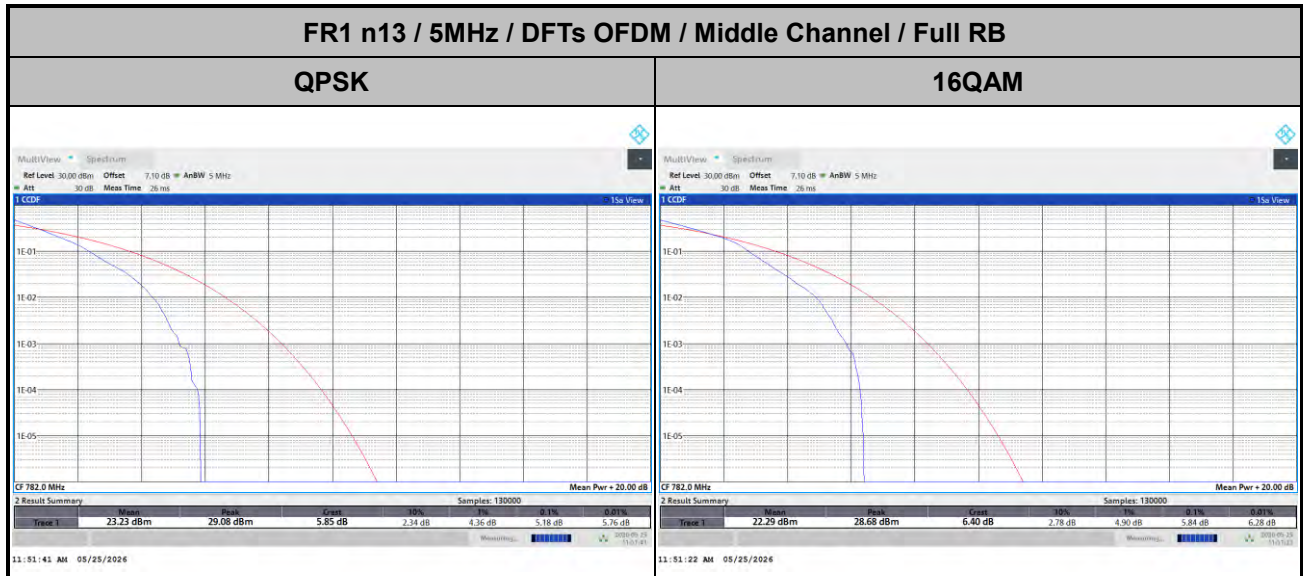


256QAM





Mode	FR1 n13 / 5MHz / DFT-S OFDM		
Mod.	QPSK	16QAM	Limit: 13dB
RB Size	Full RB	Full RB	Result
Middle CH	5.18	5.84	PASS



**26dB Bandwidth**

Mode	FR1 n13 : 26dB BW(MHz) / DFT-S OFDM							
BW	5MHz		10MHz					
Mod.	PI/2 BPSK	QPSK	PI/2 BPSK	QPSK				
Middle CH	4.92	5.66	9.57	9.57				
Mod.	16QAM		16QAM					
Middle CH	4.91		9.53					

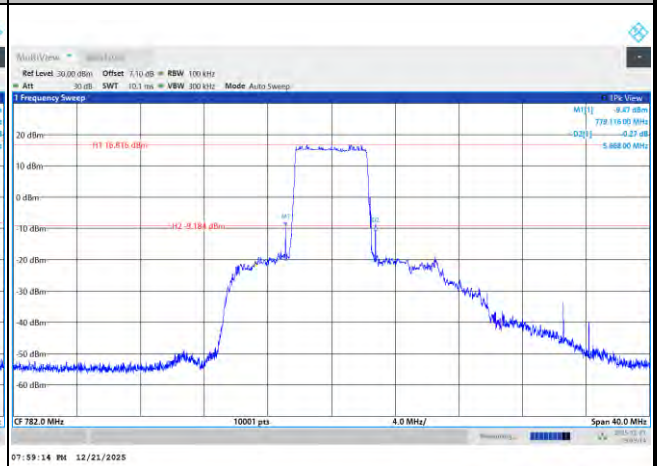


FR1 n13 / 5MHz / DFT-S OFDM / Middle Channel / Full RB

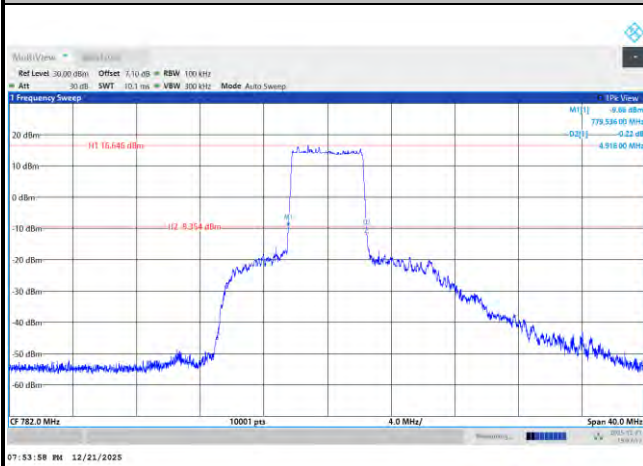
PI/2 BPSK



QPSK



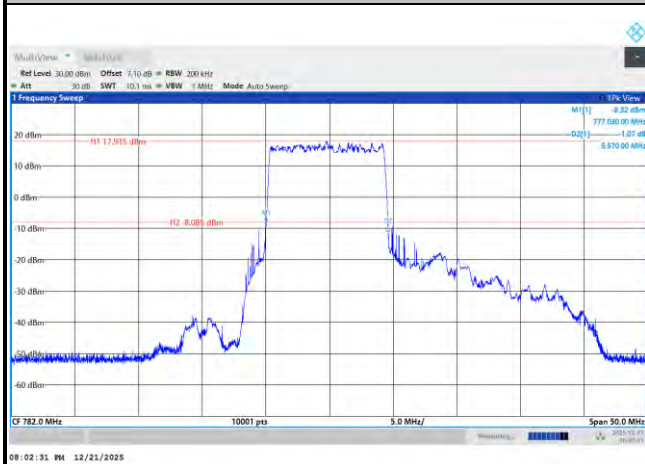
16QAM



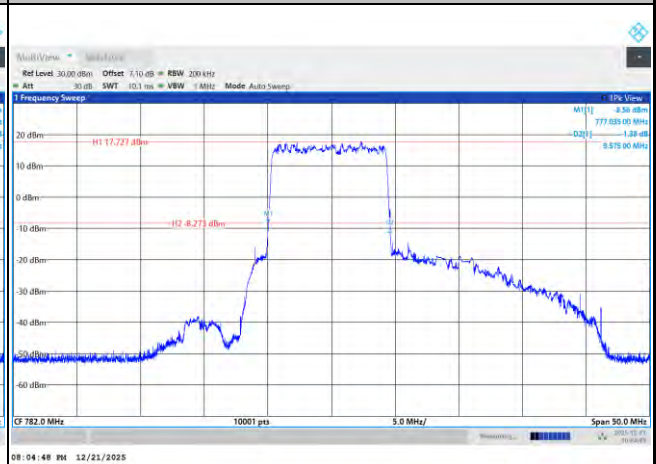


FR1 n13 / 10MHz / DFT-S OFDM / Middle Channel / Full RB

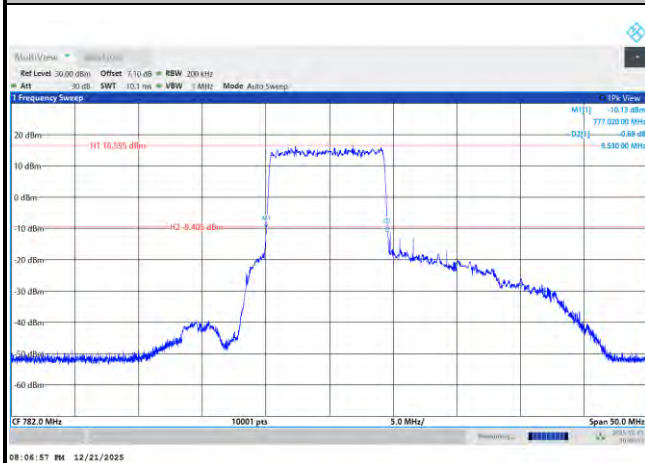
PI/2 BPSK



QPSK



16QAM



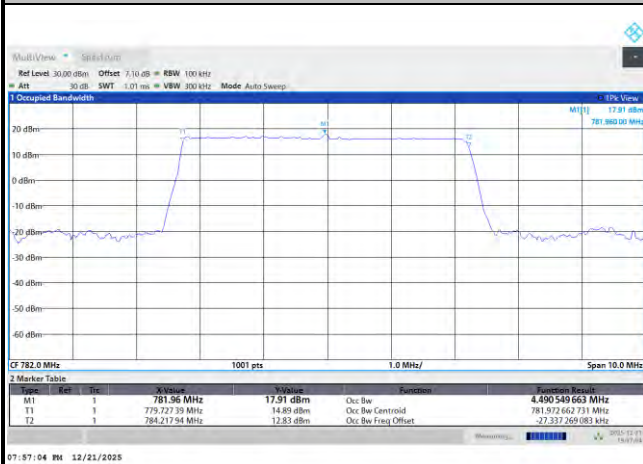
**Occupied Bandwidth**

Mode	FR1 n13 : 99%OBW(MHz) / DFT-S OFDM							
BW	5MHz		10MHz					
Mod.	PI/2 BPSK	QPSK	PI/2 BPSK	QPSK				
Middle CH	4.49	4.51	9.00	8.96				
Mod.	16QAM		16QAM					
Middle CH	4.49		8.95					

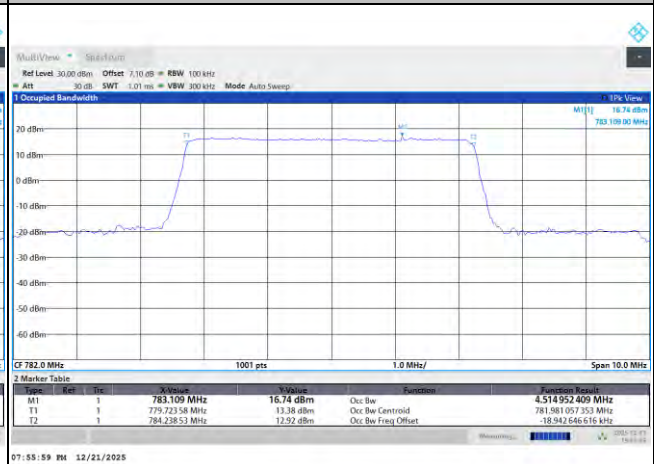


FR1 n13 / 5MHz / DFT-S OFDM / Middle Channel / Full RB

PI/2 BPSK



QPSK



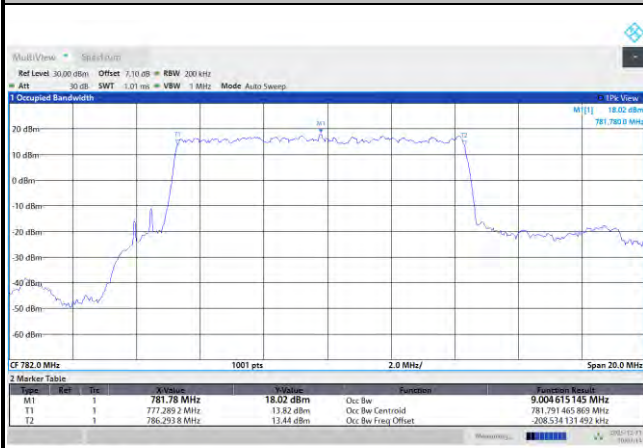
16QAM





FR1 n13 / 10MHz / DFT-S OFDM / Middle Channel / Full RB

PI/2 BPSK

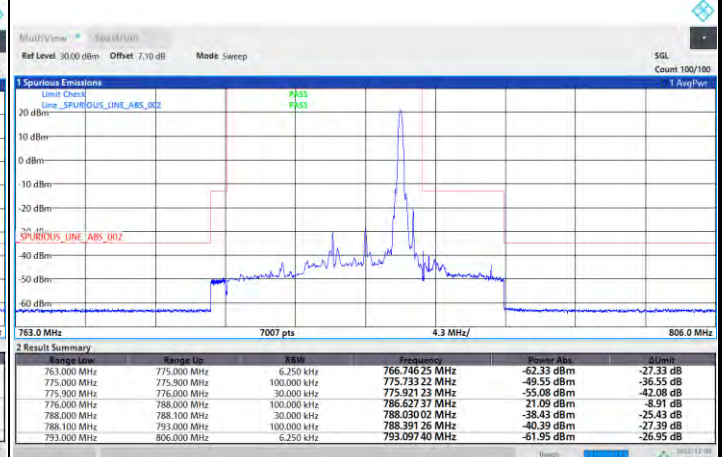
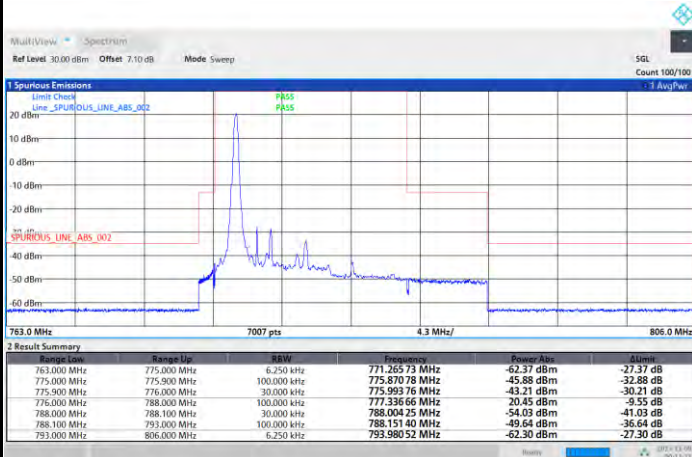
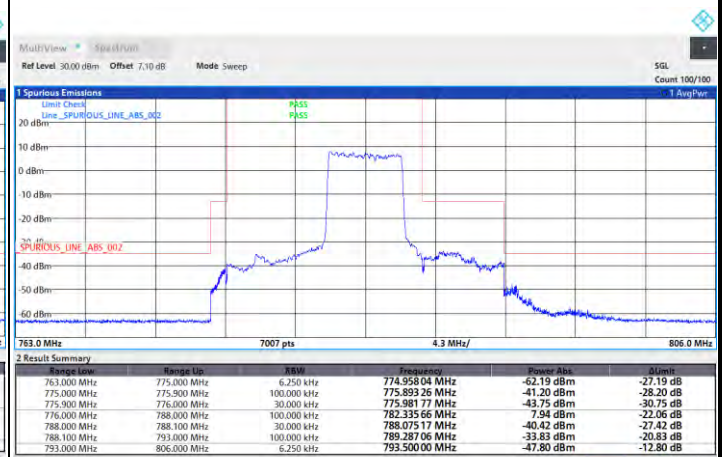
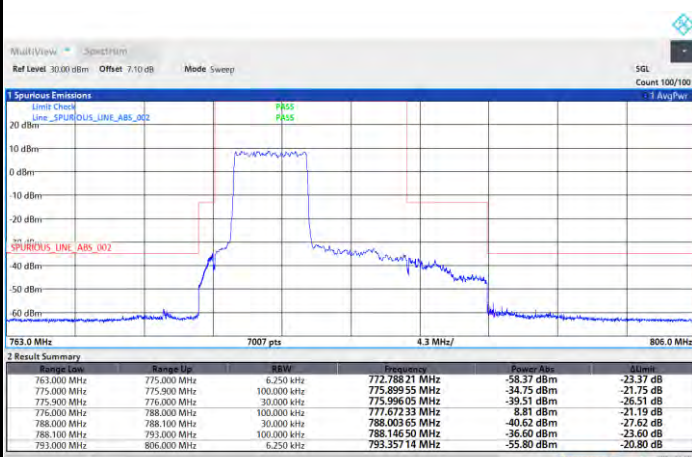


QPSK



16QAM



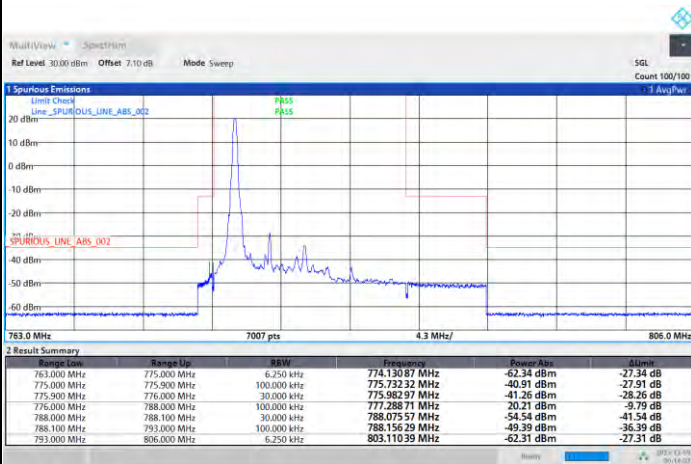
**Conducted Band Edge****FR1 n13 / 5MHz / DFT-S OFDM / PI/2 BPSK****Lowest Band Edge / 1RB0****Highest Band Edge / 1RBmax****Lowest Band Edge / Full RB****Highest Band Edge / Full RB**



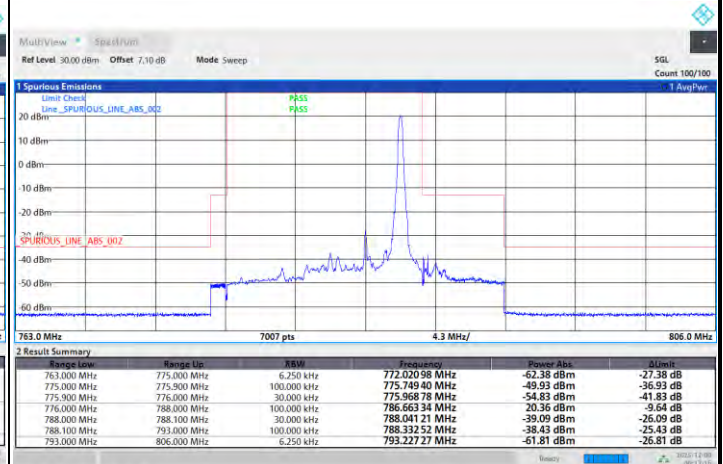
FR1 n13 / 5MHz / DFT-S OFDM / QPSK

Lowest Band Edge / 1RB0

Highest Band Edge / 1RBmax



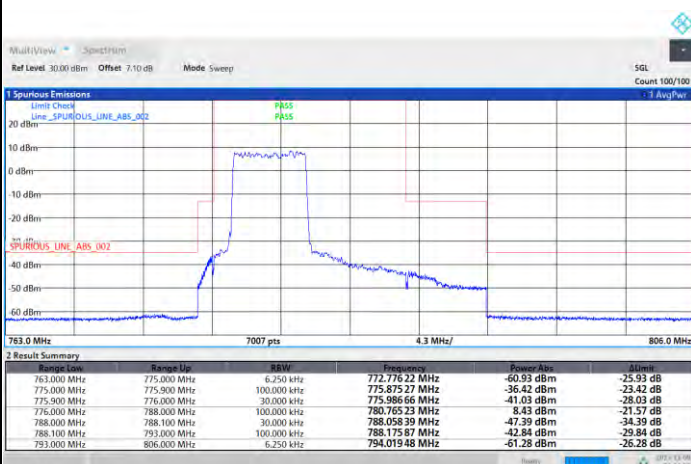
12:14:07 AM 12/09/2025



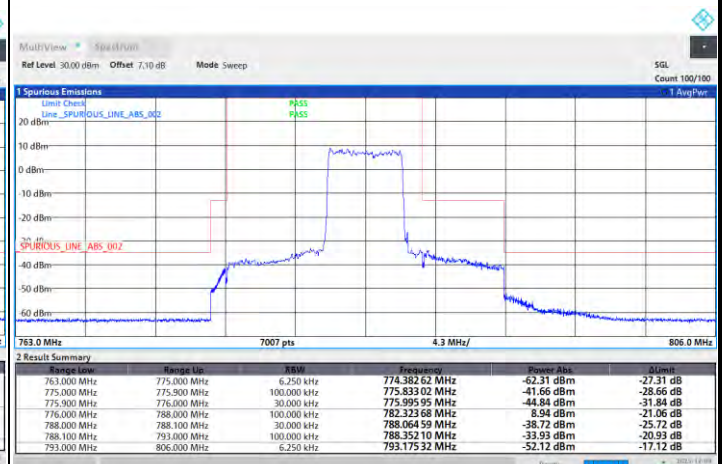
12:17:17 AM 12/09/2025

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



12:14:54 AM 12/09/2025

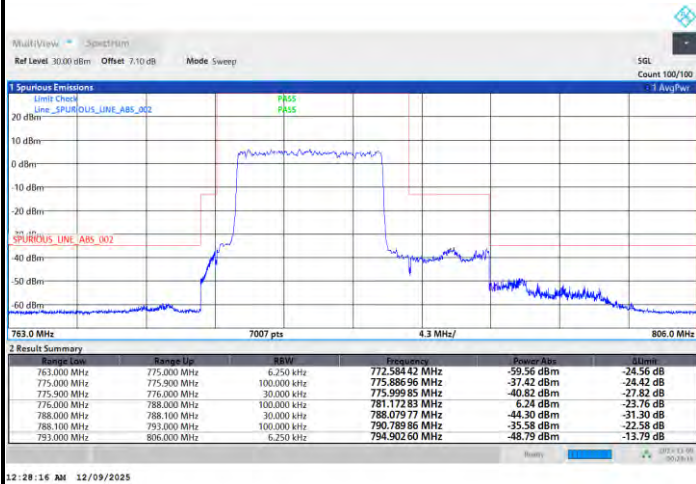


12:18:03 AM 12/09/2025



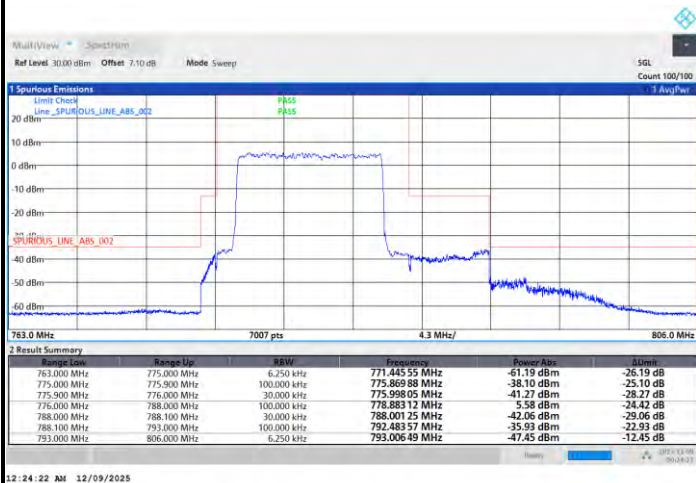
FR1 n13 / 10MHz / DFT-s-OFDM / PI/2 BPSK

Middle Band Edge / Full RB



FR1 n13 / 10MHz / DFT-s-OFDM / QPSK

Middle Band Edge / Full RB

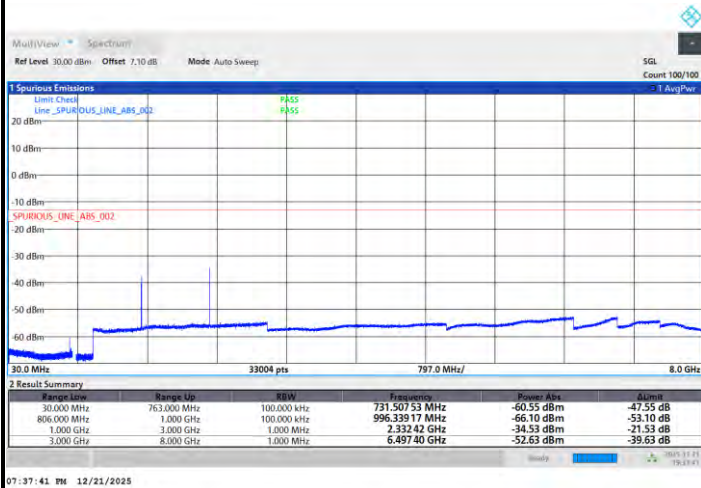




Conducted Spurious Emission

FR1 n13 / 5MHz / DFT-S OFDM / QPSK / 1RB1

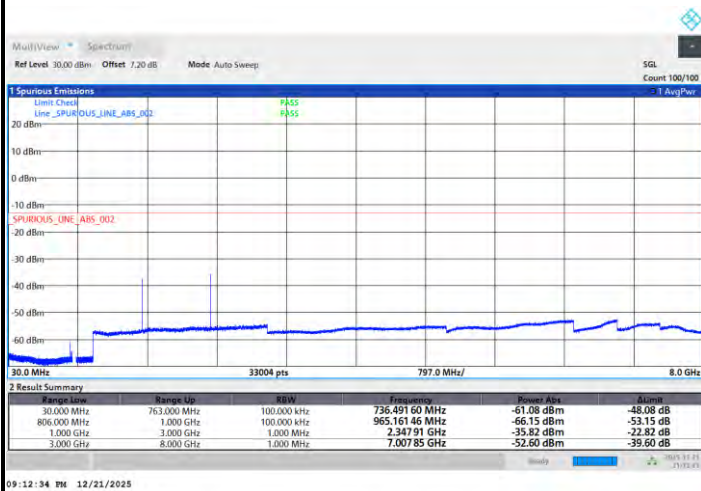
Lowest Channel



Middle Channel



Highest Channel



Frequency Stability

Test Conditions		FR1 n13 (BPSK) / Middle Channel 10M			
Temperature (°C)	Voltage (Volt)	Deviation (ppm)	Frequency Offset (Δf) (Hz)	Within Authorized Frequency Block(Hz)	Result
50	Normal Voltage	0.0125	9.8	Yes	PASS
40	Normal Voltage	0.0050	3.9	Yes	
30	Normal Voltage	0.0113	8.8	Yes	
20(Ref.)	Normal Voltage	0.0000	0	Yes	
10	Normal Voltage	0.0010	-0.8	Yes	
0	Normal Voltage	0.0102	8	Yes	
-10	Normal Voltage	0.0070	5.5	Yes	
-20	Normal Voltage	0.0088	6.9	Yes	
-30	Normal Voltage	0.0036	2.8	Yes	
20	Maximum Voltage	0.0000	0	Yes	
20	Normal Voltage	0.0104	8.1	Yes	
20	Minimum Voltage	0.0028	2.2	Yes	

Note:

1. Normal Voltage = 3.9 V. ; Minimum Voltage = 3.6 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.

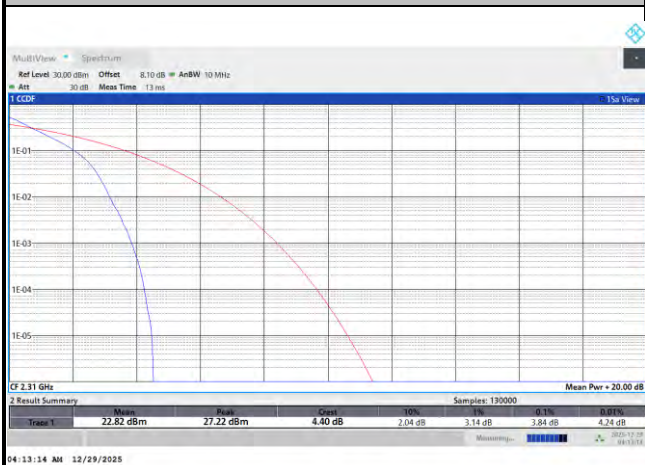
**FR1 n30****<SISO Mode>****Peak-to-Average Ratio**

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	3.84	4.96	5.78	6.14	PASS
Mode	FR1 n30 / 10MHz / DFT-S OFDM				
Mod.	256QAM				Limit: 13dB
RB Size	Full RB				Result
Middle CH	6.54				PASS



FR1 n30 / 10MHz / DFT-S OFDM / Middle Channel / Full RB

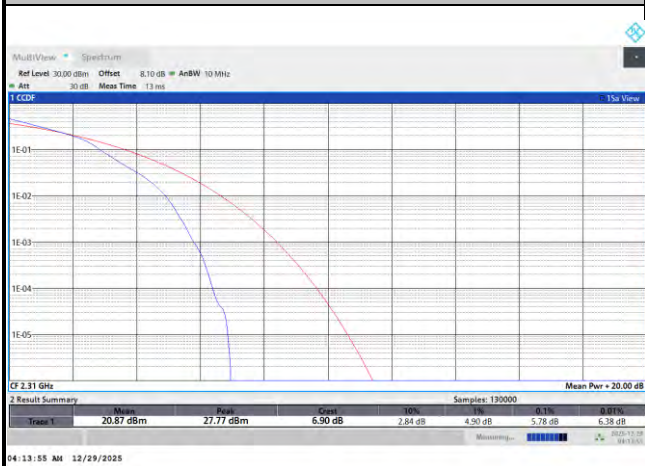
PI/2 BPSK



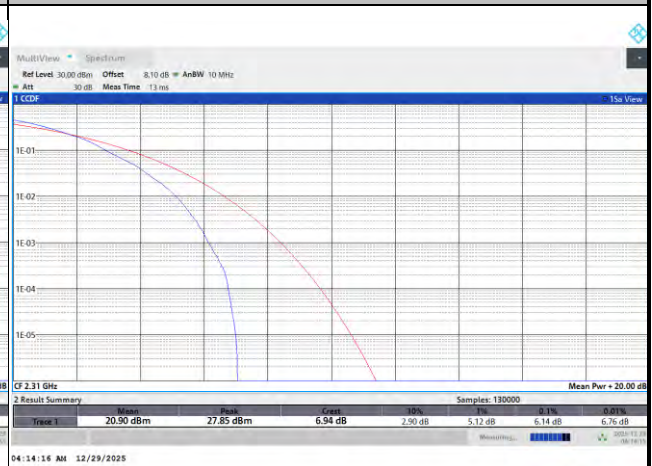
QPSK



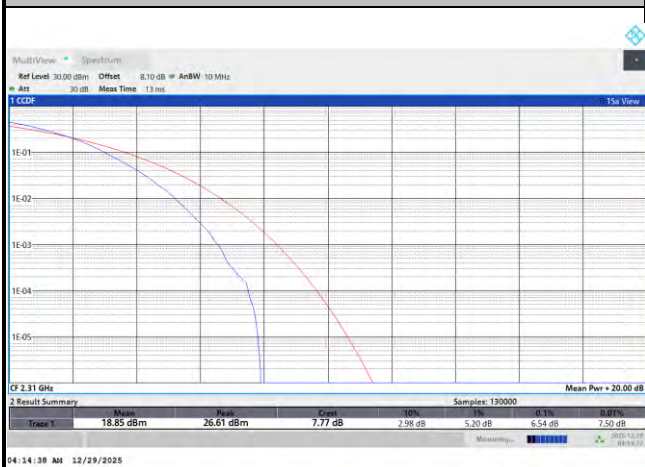
16QAM



64QAM

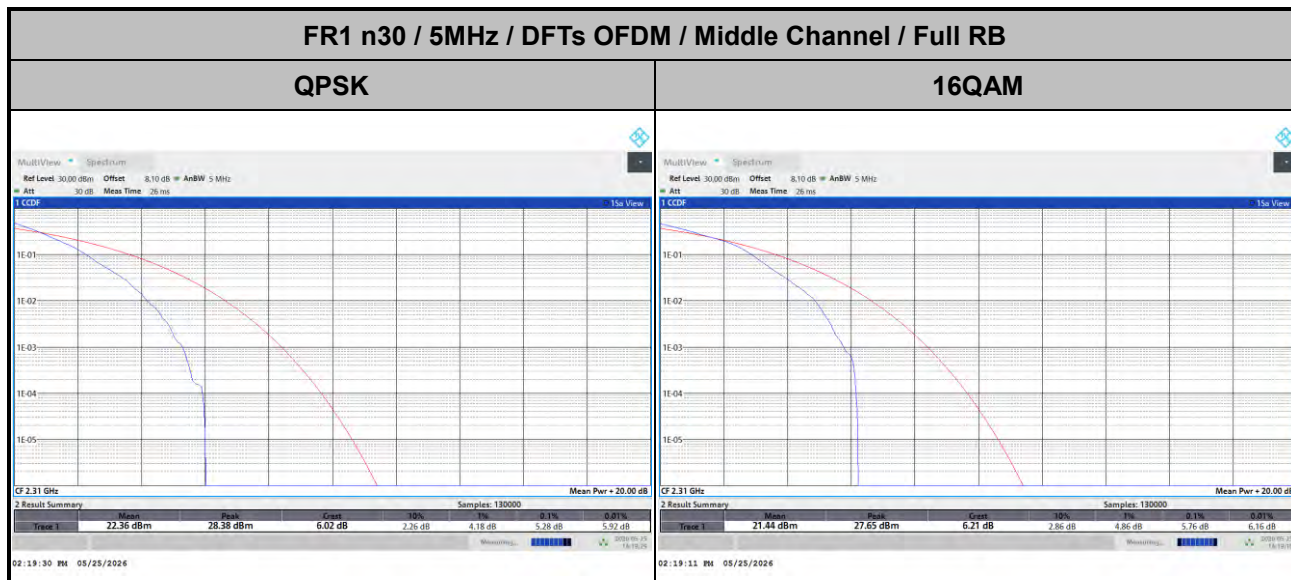


256QAM





Mode	FR1 n30 / 5MHz / DFT-S OFDM		
Mod.	QPSK	16QAM	Limit: 13dB
RB Size	Full RB	Full RB	Result
Middle CH	5.28	5.76	PASS



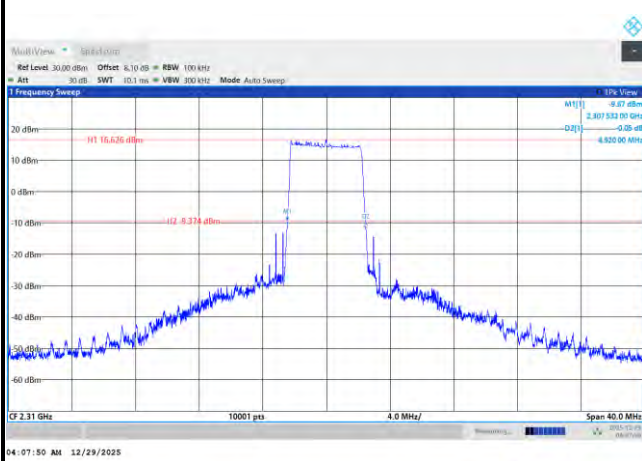
**26dB Bandwidth**

Mode	FR1 n30 : 26dB BW(MHz) / DFT-S OFDM							
BW	5MHz		10MHz					
Mod.	PI/2 BPSK	QPSK	PI/2 BPSK	QPSK				
Middle CH	4.92	5.20	9.59	9.56				
Mod.	16QAM		16QAM					
Middle CH	4.92		9.48					

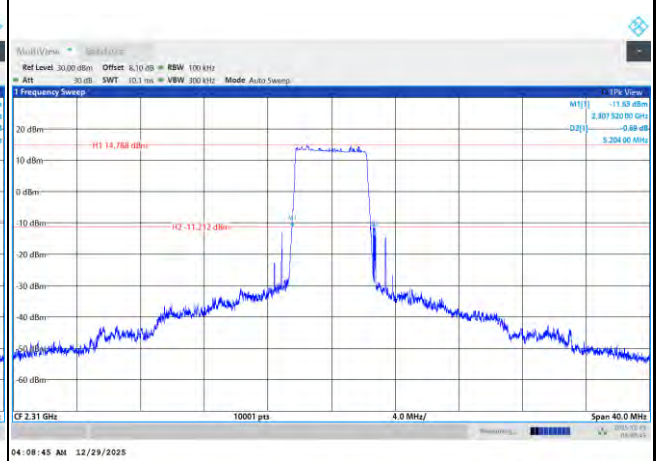


FR1 n30 / 5MHz / DFT-S OFDM / Middle Channel / Full RB

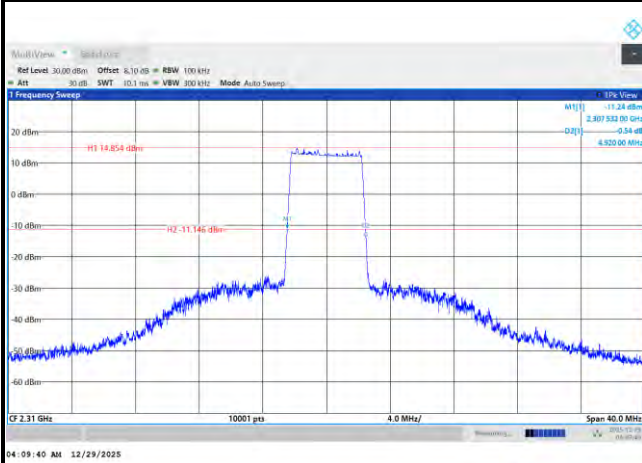
PI/2 BPSK



QPSK



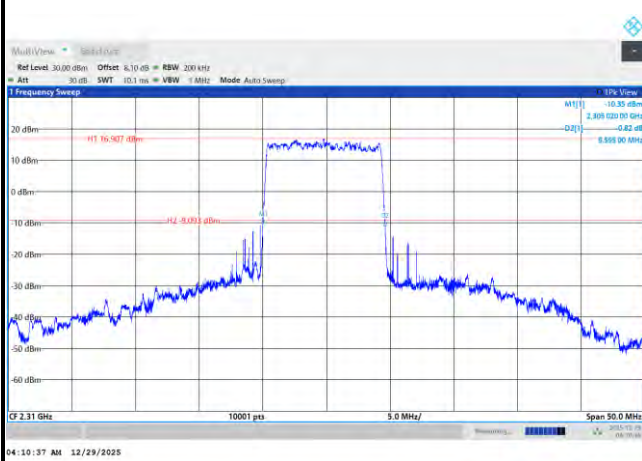
16QAM



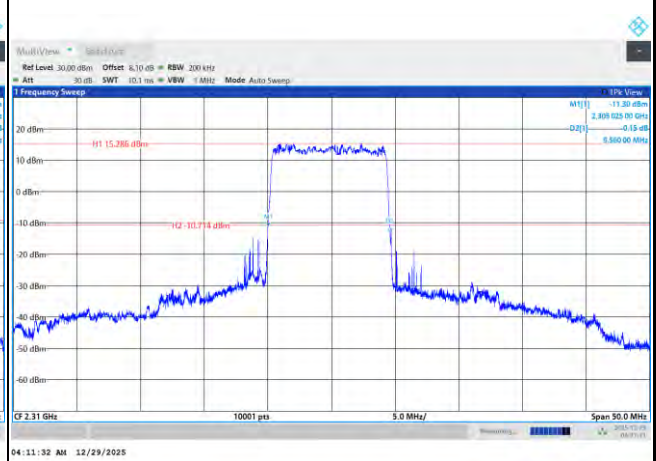


FR1 n30 / 10MHz / DFT-S OFDM / Middle Channel / Full RB

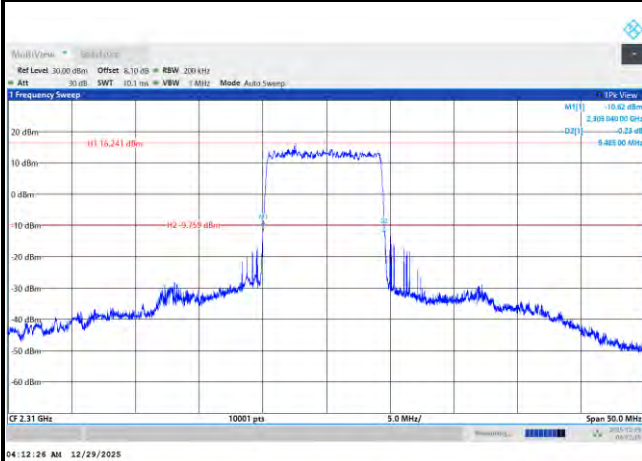
PI/2 BPSK



QPSK



16QAM



**Occupied Bandwidth**

Mode	FR1 n30 : 99%OBW(MHz) / DFT-S OFDM							
BW	5MHz		10MHz					
Mod.	PI/2 BPSK	QPSK	PI/2 BPSK	QPSK				
Middle CH	4.49	4.51	8.99	8.94				
Mod.	16QAM		16QAM					
Middle CH	4.49		8.95					



FR1 n30 / 5MHz / DFT-S OFDM / Middle Channel / Full RB

PI/2 BPSK



04:08:18 AM 12/29/2025

QPSK



04:09:12 AM 12/29/2025

16QAM



04:10:07 AM 12/29/2025



FR1 n30 / 10MHz / DFT-S OFDM / Middle Channel / Full RB

PI/2 BPSK



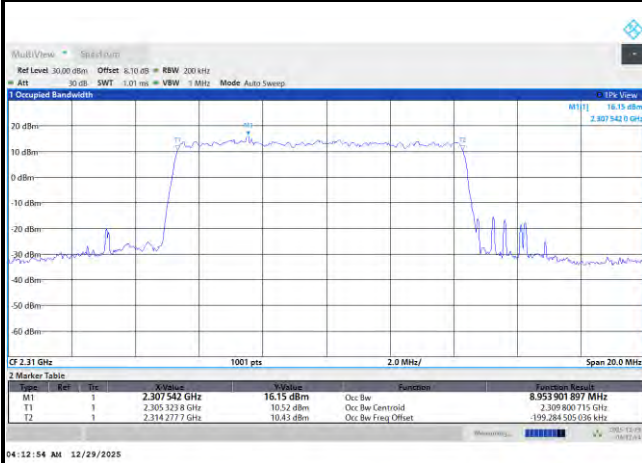
04:11:04 AM 12/29/2025

QPSK



04:11:59 AM 12/29/2025

16QAM



04:12:54 AM 12/29/2025

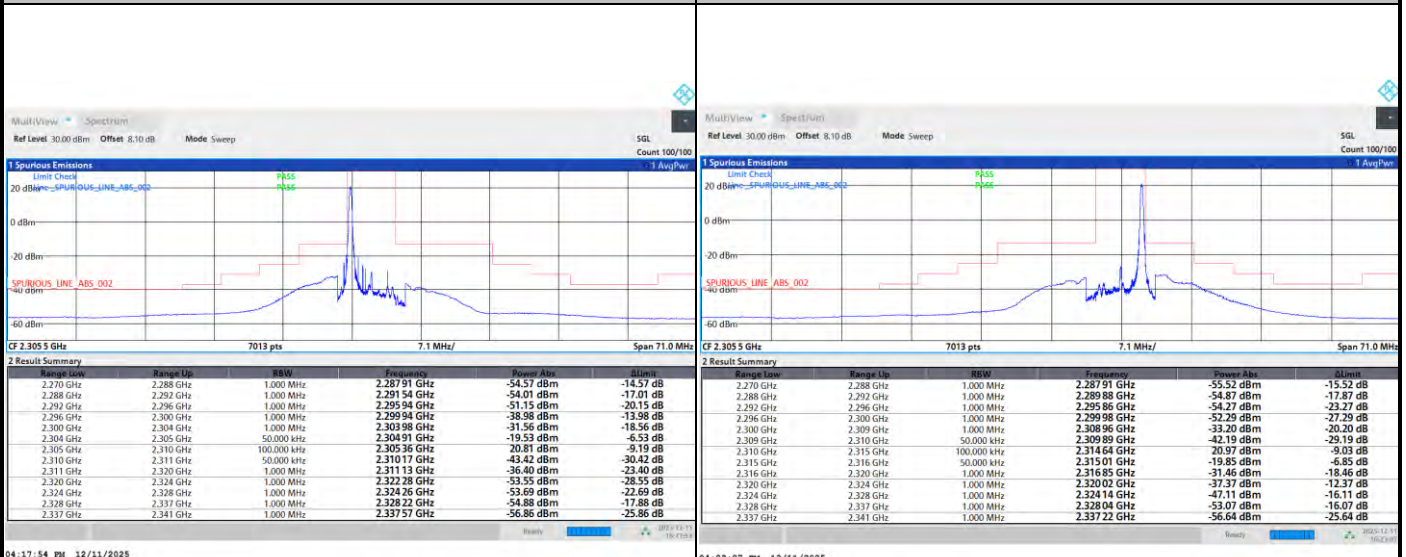


Conducted Band Edge

FR1 n30 / 5MHz / DFT-S OFDM / PI/2 BPSK

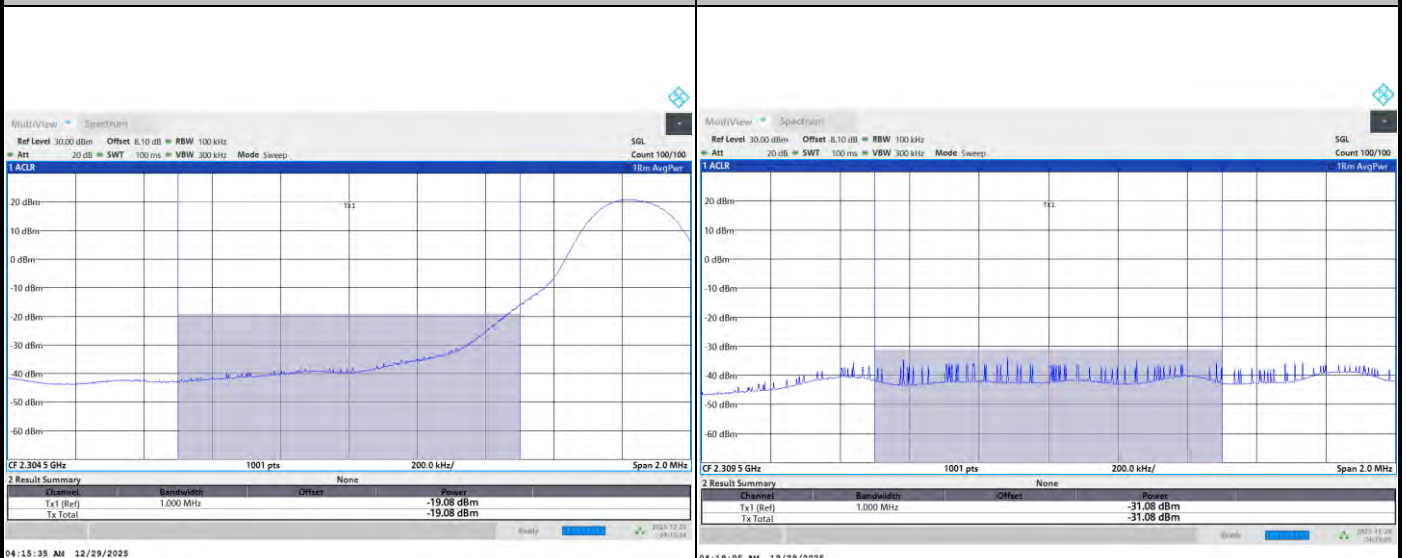
Lowest Band Edge / 1RB0

Highest Band Edge / 1RBmax



Lowest Band Edge / 1 RB / Lower zoom in

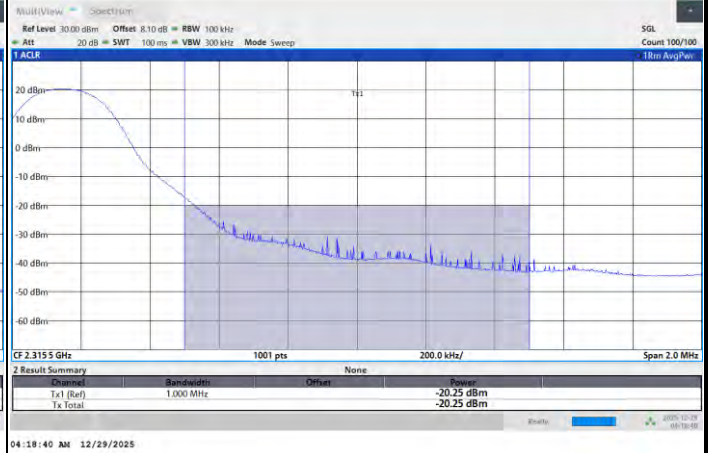
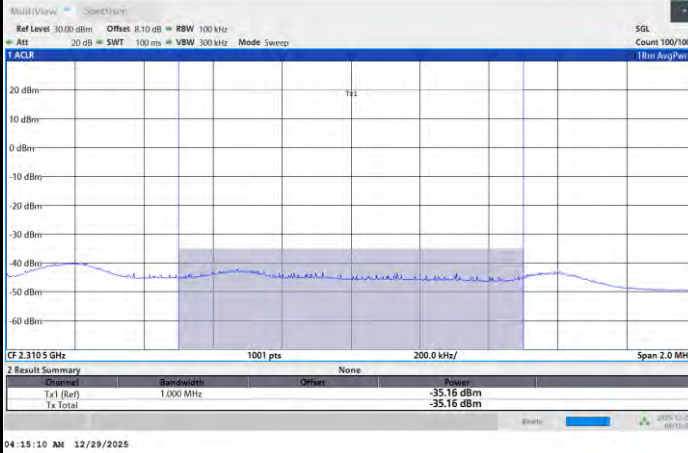
Highest Band Edge / 1 RB / Lower zoom in





Lowest Band Edge / 1 RB / Upper zoom in

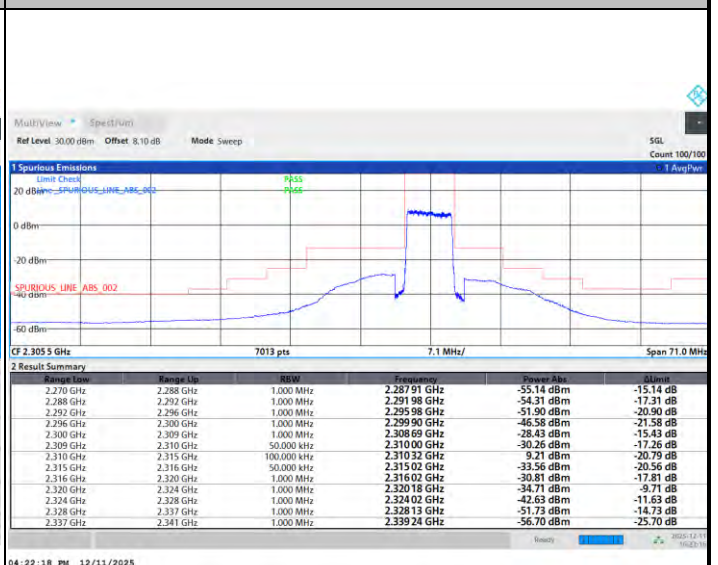
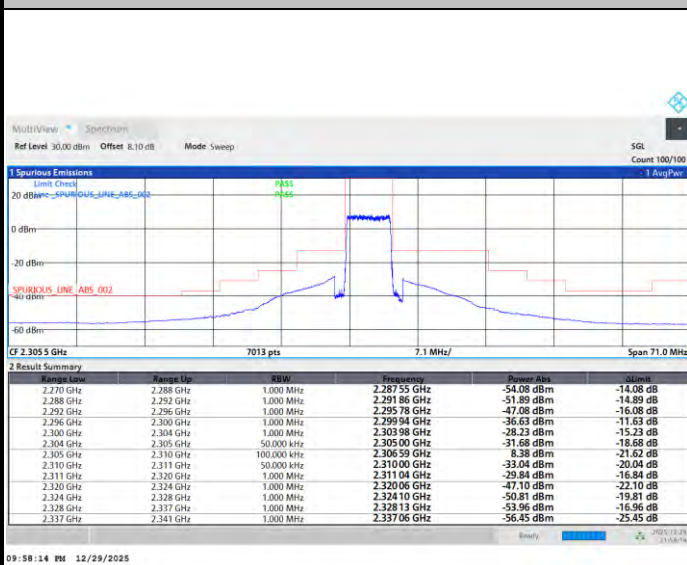
Highest Band Edge / 1 RB / Upper zoom in





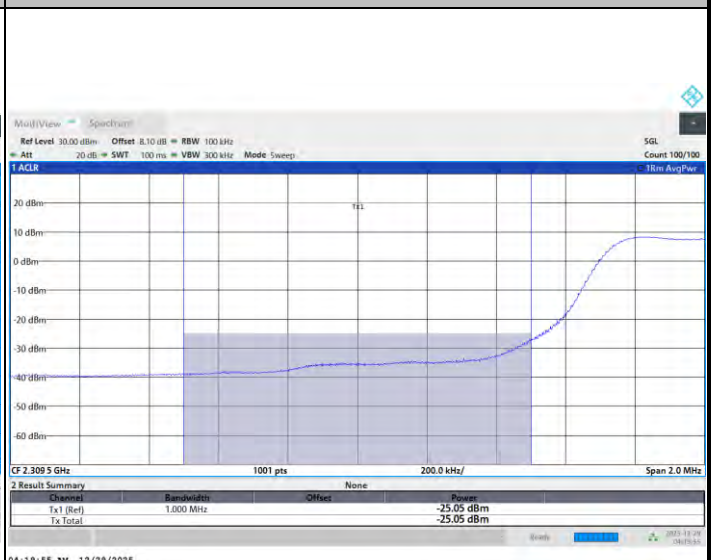
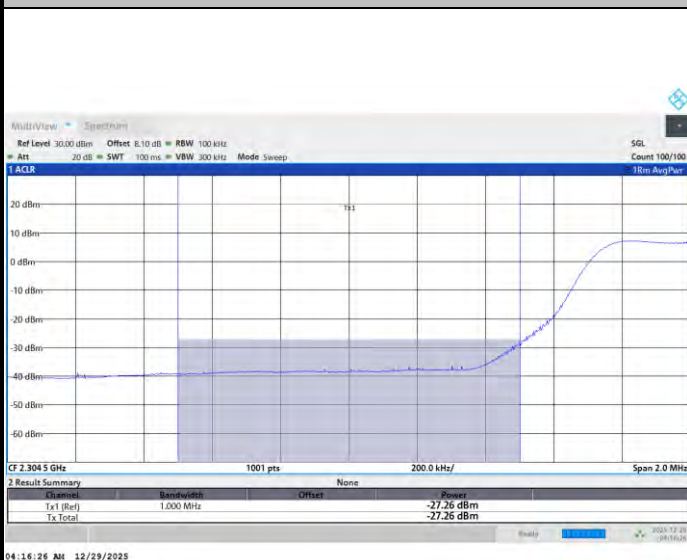
Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Lowest Band Edge / Full RB / Lower zoom in

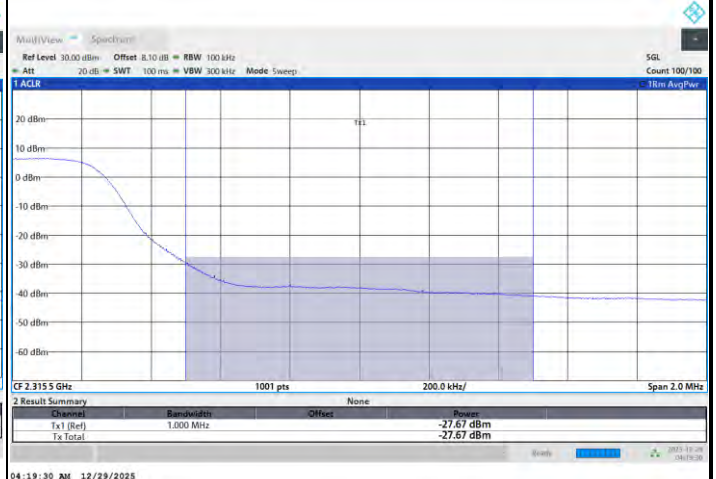
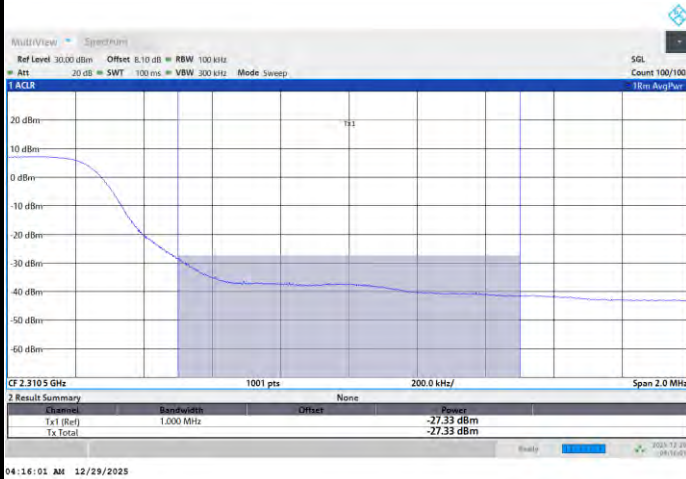
Highest Band Edge / Full RB / Lower zoom in





Lowest Band Edge / Full RB / Upper zoom in

Highest Band Edge / Full RB / Upper zoom in

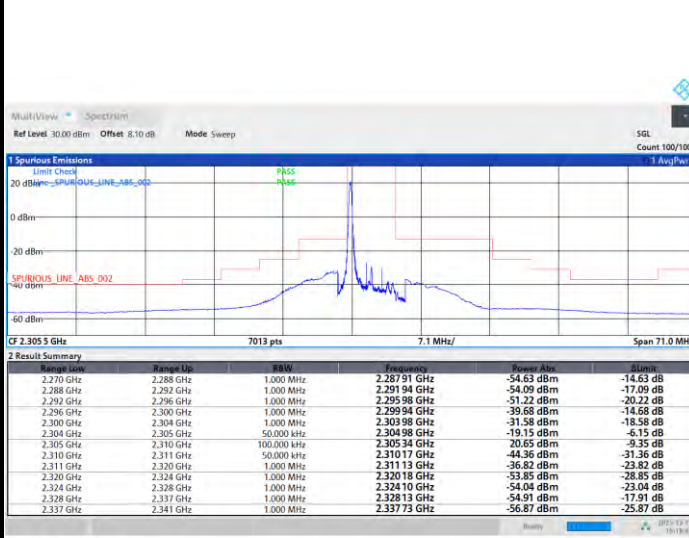




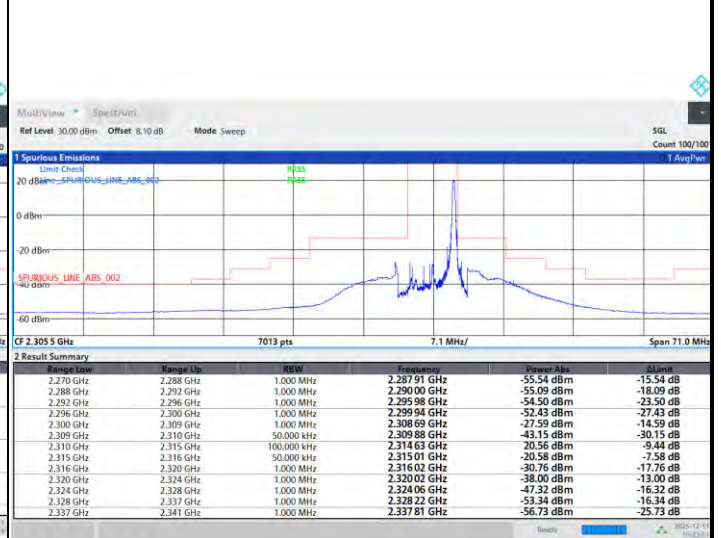
FR1 n30 / 5MHz / DFT-S OFDM / QPSK

Lowest Band Edge / 1RB0

Highest Band Edge / 1RBmax



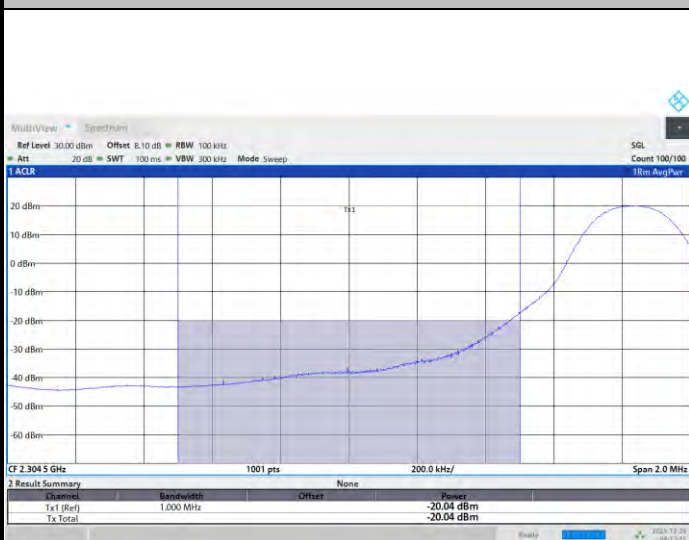
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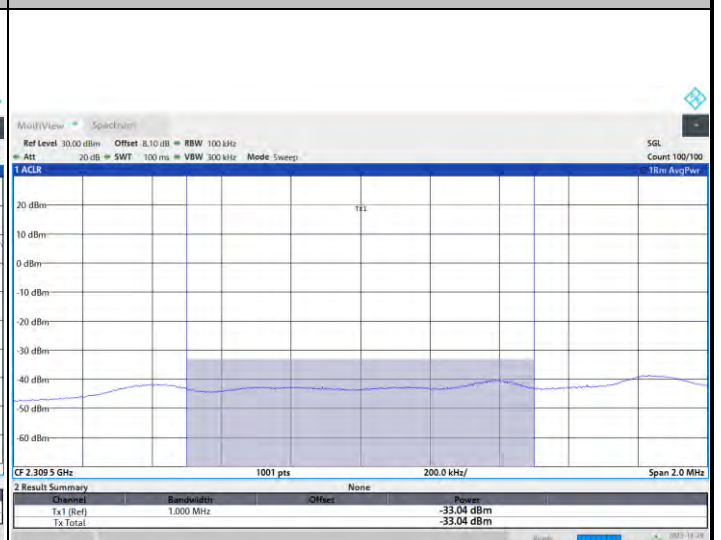
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Lowest Band Edge / 1 RB / Lower zoom in

Highest Band Edge / 1 RB / Lower zoom in



04:17:16 AM 12/29/2025

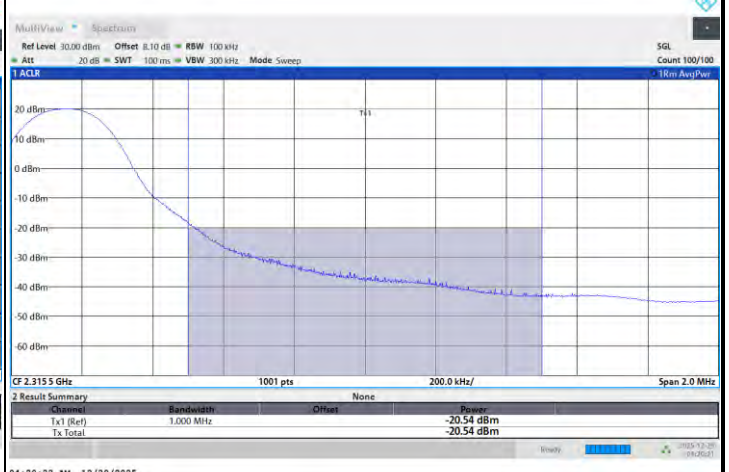
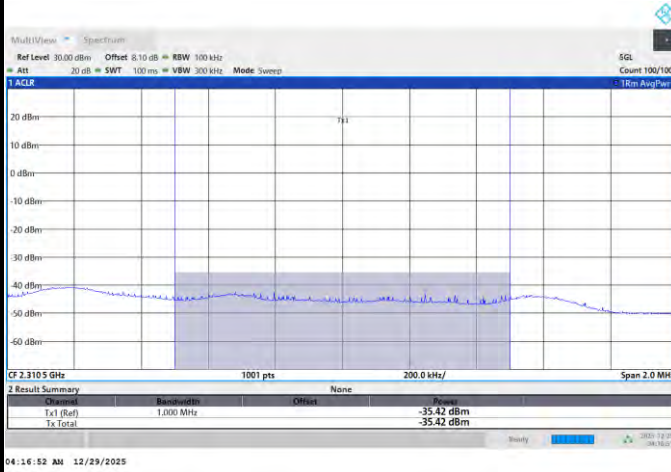


04:20:47 AM 12/29/2025



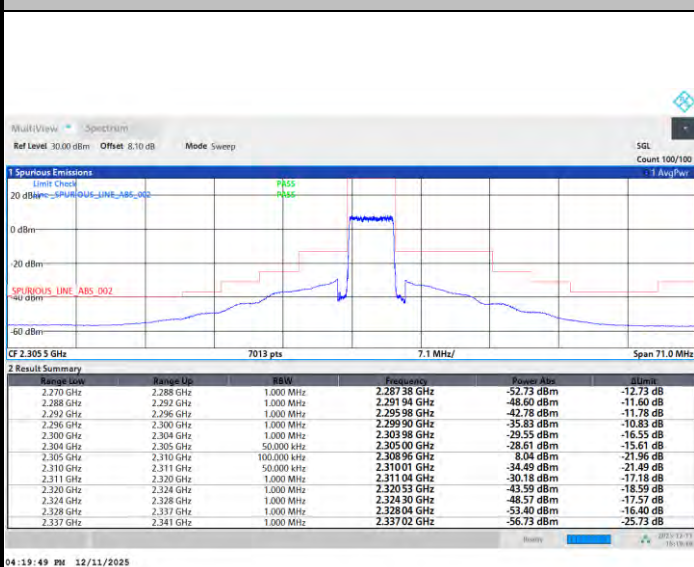
Lowest Band Edge / 1 RB / Upper zoom in

Highest Band Edge / 1 RB / Upper zoom in

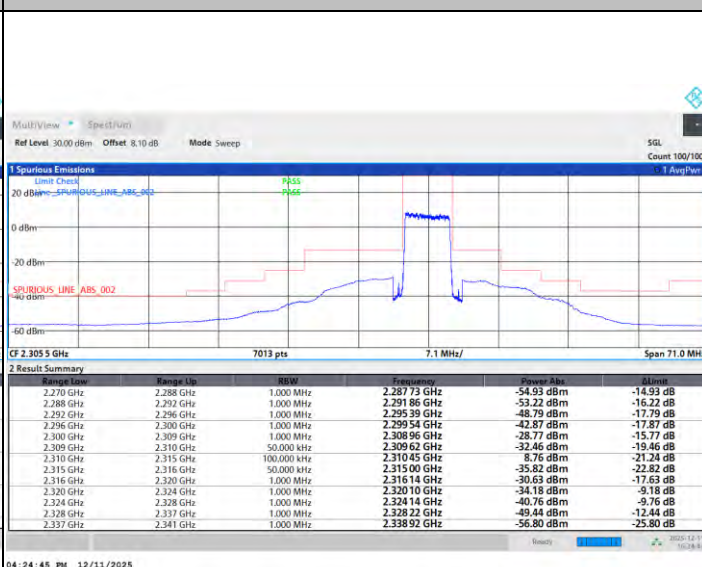




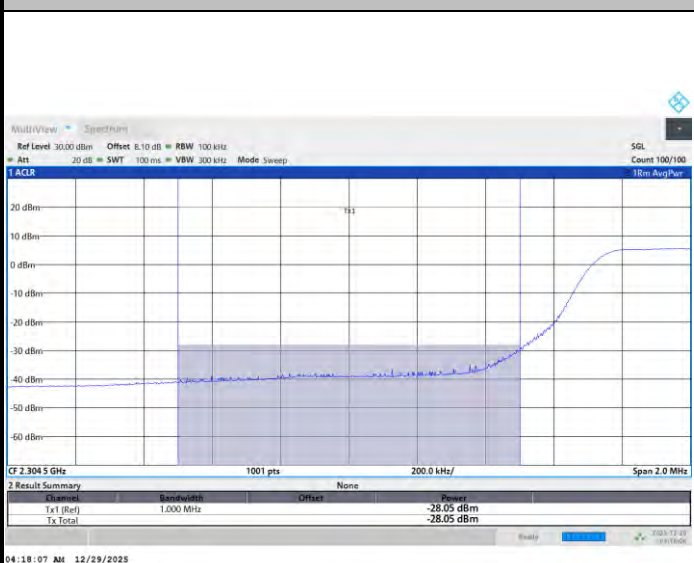
Lowest Band Edge / Full RB



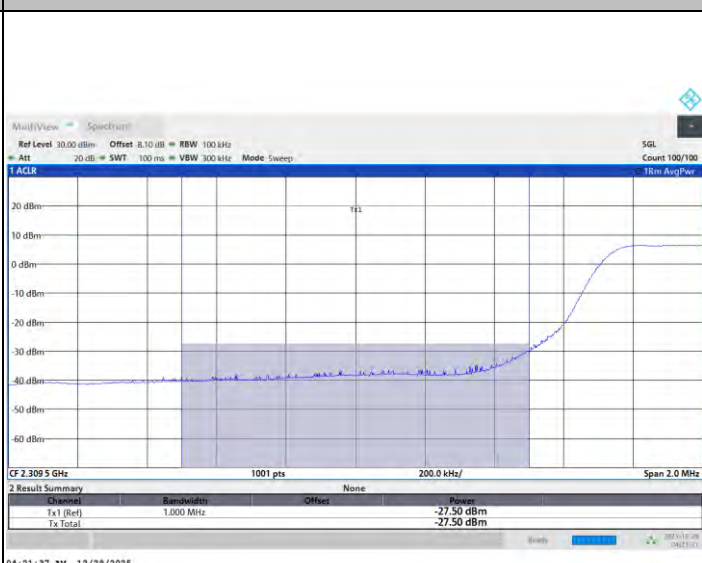
Highest Band Edge / Full RB



Lowest Band Edge / Full RB / Lower zoom in



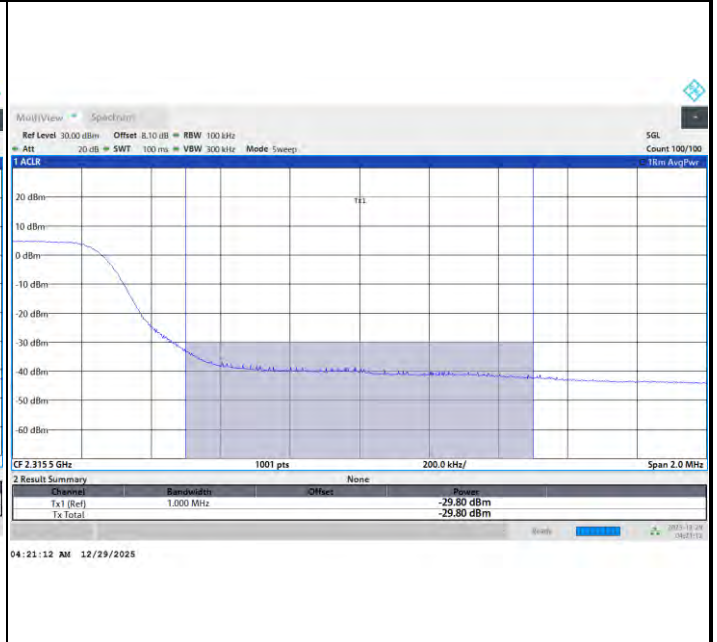
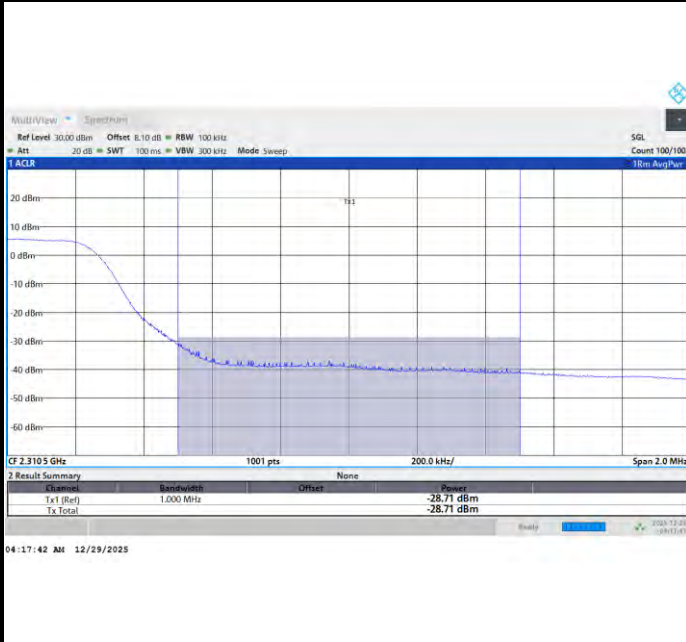
Highest Band Edge / Full RB / Lower zoom in





Lowest Band Edge / Full RB / Upper zoom in

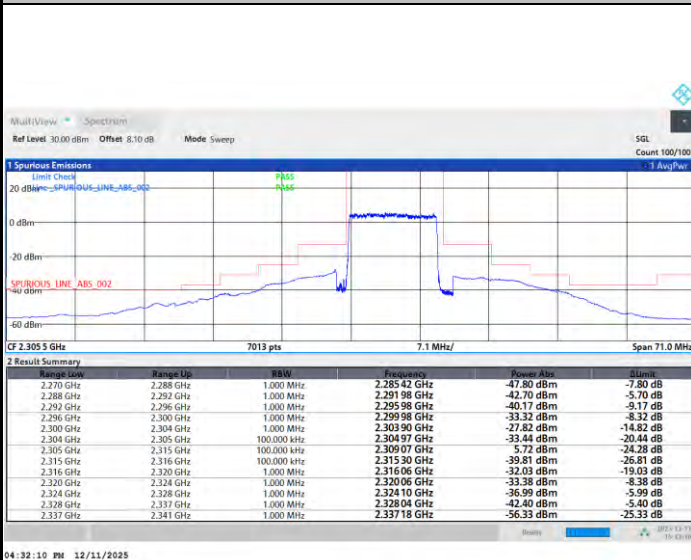
Highest Band Edge / Full RB / Upper zoom in



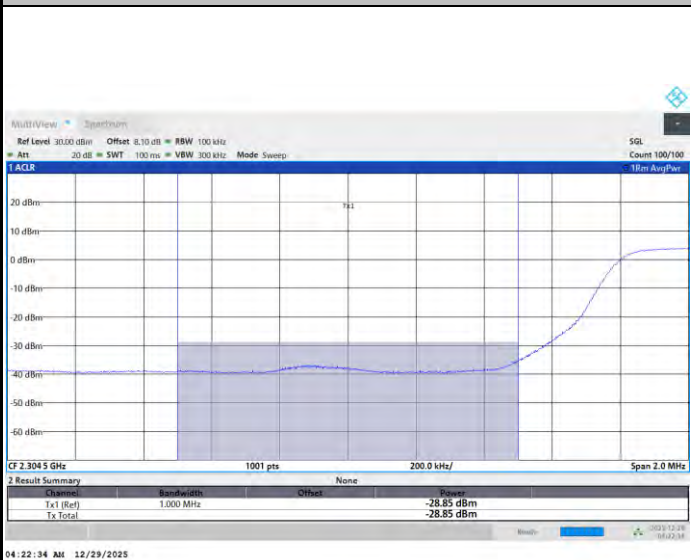


FR1 n30 / 10MHz / DFT-s-OFDM / PI/2 BPSK

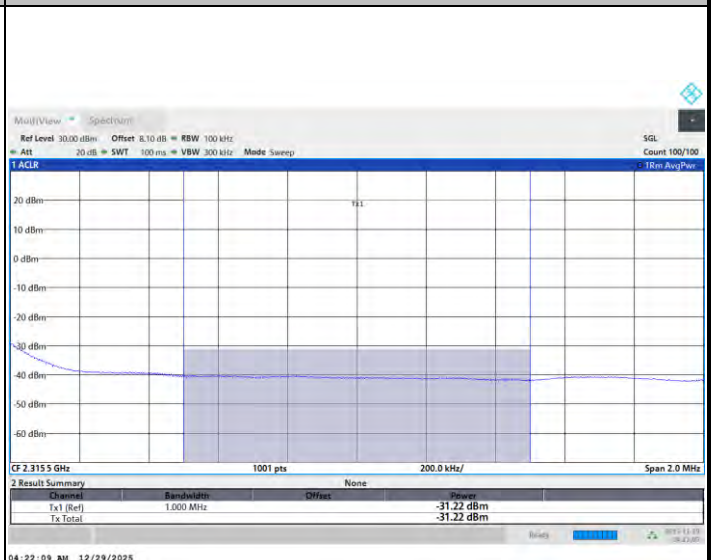
Middle Band Edge / Full RB



Middle Band Edge / Full RB / Lower zoom in



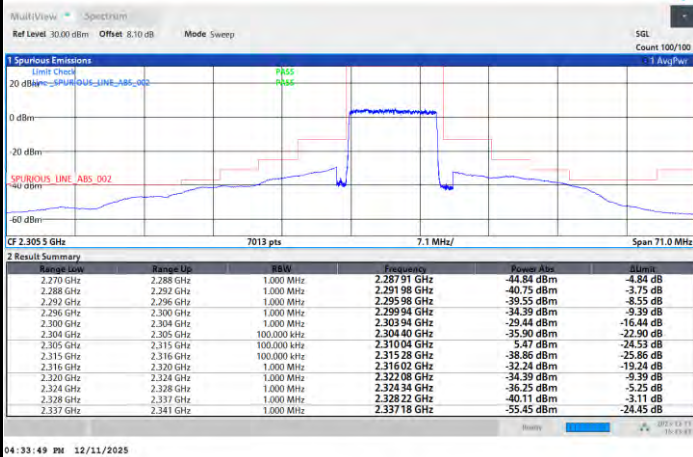
Middle Band Edge / Full RB / Upper zoom in



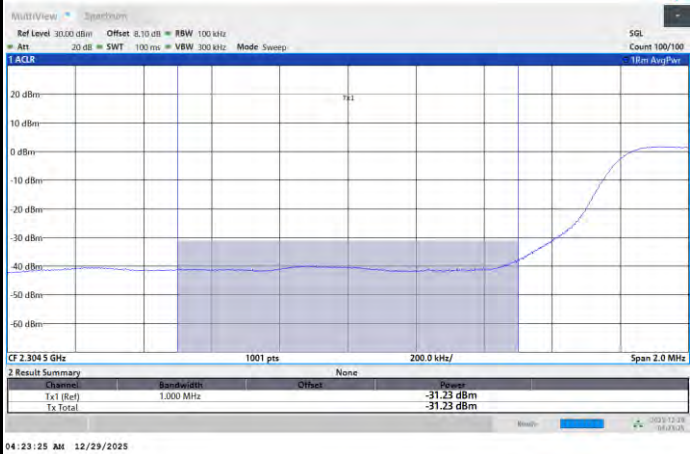


FR1 n30 / 10MHz / DFT-s-OFDM / QPSK

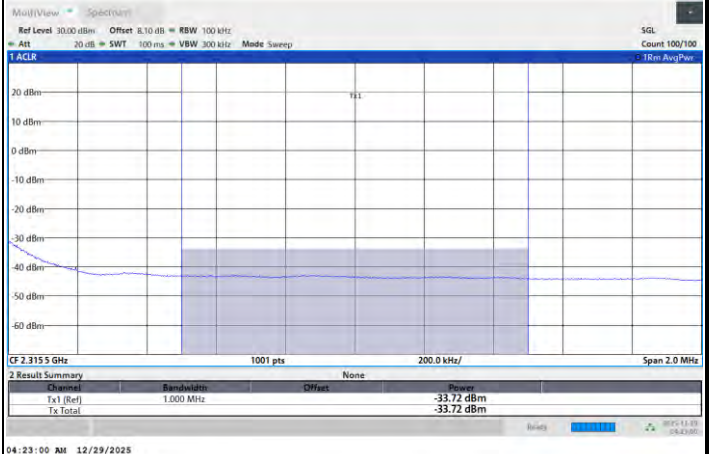
Middle Band Edge / Full RB



Middle Band Edge / Full RB / Lower zoom in



Middle Band Edge / Full RB / Upper zoom in



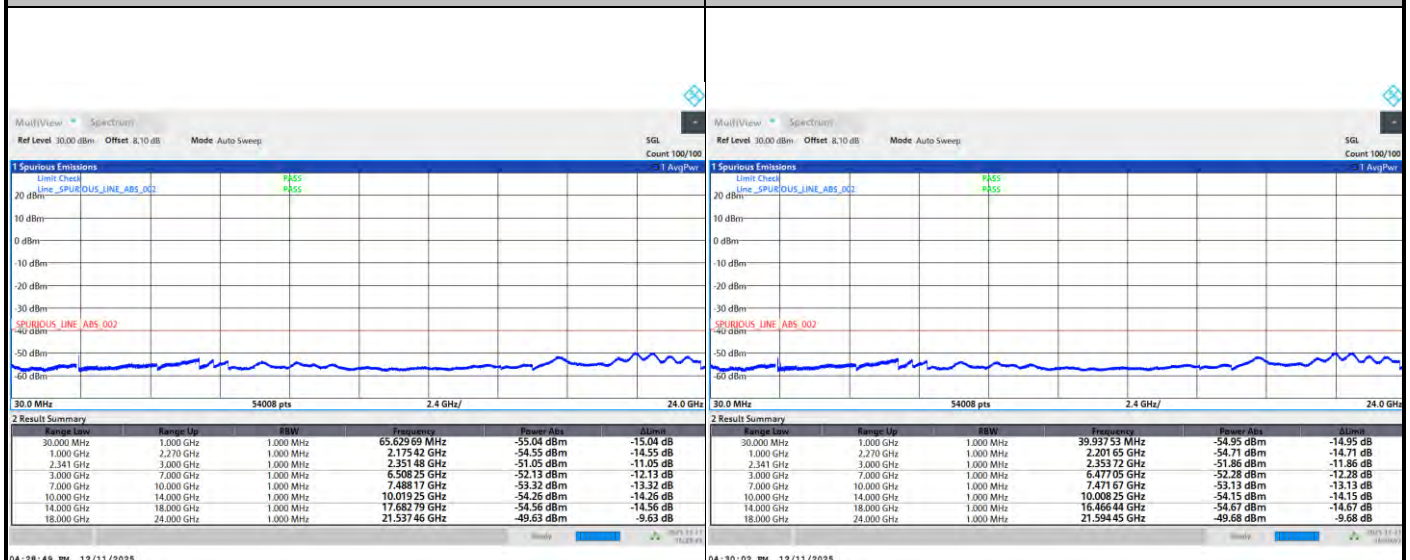


Conducted Spurious Emission

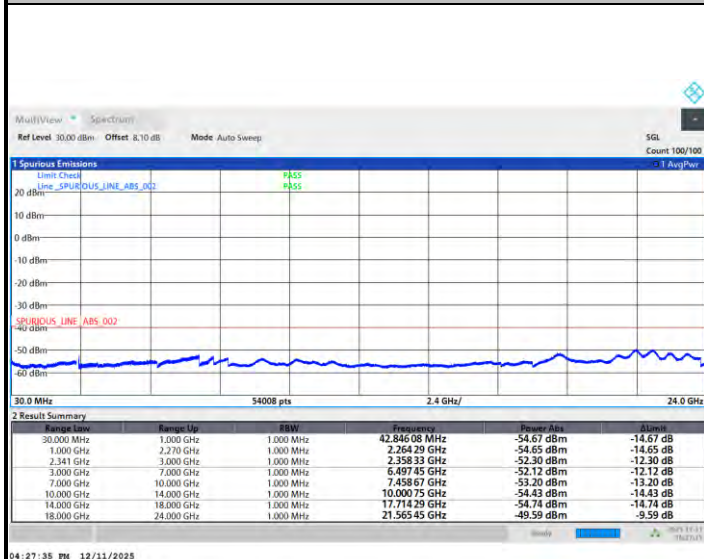
FR1 n30 / 5MHz / DFT-S OFDM / QPSK / 1RB1

Lowest Channel

Middle Channel



Highest Channel



Frequency Stability

Test Conditions		FR1 n30 (BPSK) / Middle Channel 10M			
Temperature (°C)	Voltage (Volt)	Deviation (ppm)	Frequency Offset (Δf) (Hz)	Within Authorized Frequency Block(Hz)	Result
50	Normal Voltage	0.0061	14.1	Yes	PASS
40	Normal Voltage	0.0019	-4.5	Yes	
30	Normal Voltage	0.0046	10.6	Yes	
20(Ref.)	Normal Voltage	0.0000	0	Yes	
10	Normal Voltage	0.0026	5.9	Yes	
0	Normal Voltage	0.0007	-1.7	Yes	
-10	Normal Voltage	0.0024	5.6	Yes	
-20	Normal Voltage	0.0007	1.6	Yes	
-30	Normal Voltage	0.0010	-2.2	Yes	
20	Maximum Voltage	0.0044	10.1	Yes	
20	Normal Voltage	0.0061	14	Yes	
20	Minimum Voltage	0.0003	0.6	Yes	

Note:

1. Normal Voltage = 3.9 V. ; Minimum Voltage = 3.6 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.

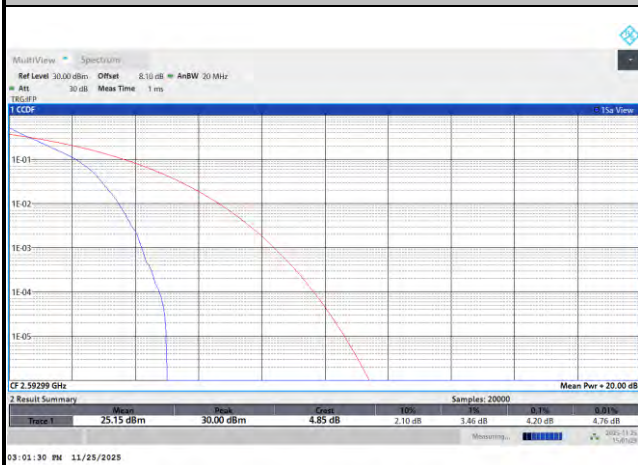
**FR1 n41****<SISO Mode>****Peak-to-Average Ratio**

Mode	FR1 n41 / 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	4.20	5.20	5.96	6.22	PASS
Mode	FR1 n41 / 20MHz / DFT-S OFDM				
Mod.	256QAM				Limit: 13dB
RB Size	Full RB				Result
Middle CH	6.74				PASS

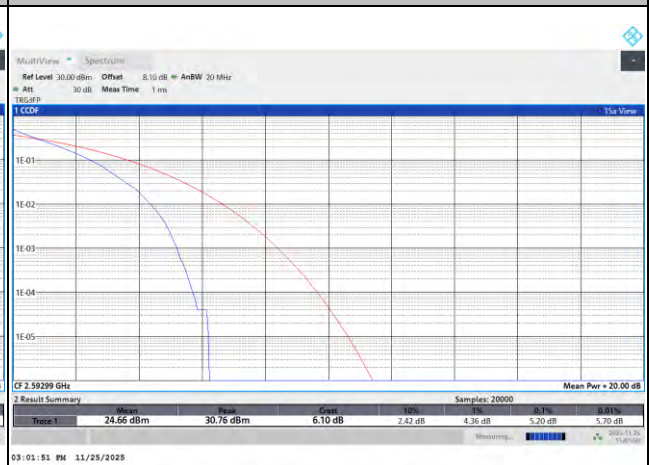


FR1 n41 / 20MHz / DFT-S OFDM / Middle Channel / Full RB

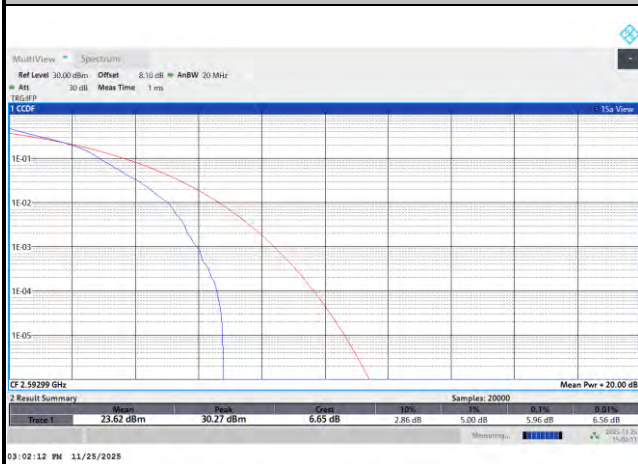
PI/2 BPSK



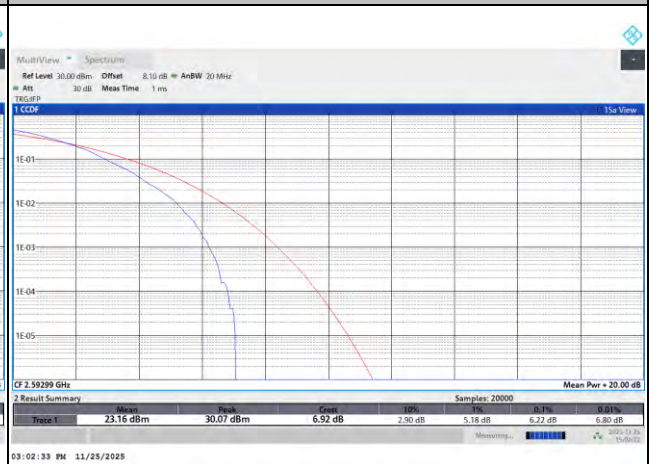
QPSK



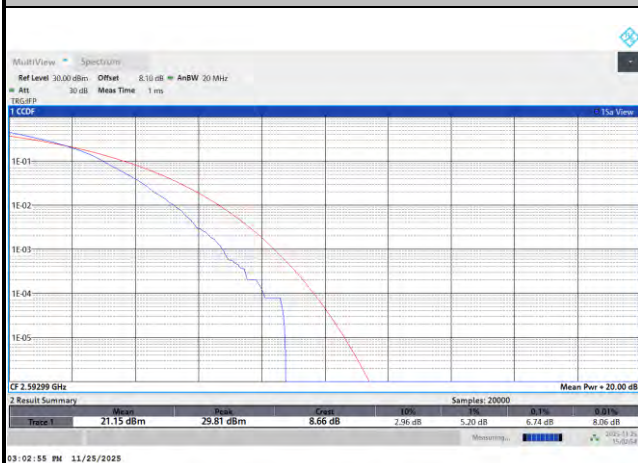
16QAM



64QAM



256QAM



Mode	FR1 n41 / 10MHz / DFT-S OFDM		
Mod.	QPSK	16QAM	Limit: 13dB
RB Size	Full RB	Full RB	Result
Middle CH	5.26	5.98	PASS
Mode	FR1 n41 / 15MHz / DFT-S OFDM		
Mod.	QPSK	16QAM	Limit: 13dB
RB Size	Full RB	Full RB	Result
Middle CH	4.98	5.84	PASS
Mode	FR1 n41 / 25MHz / DFT-S OFDM		
Mod.	QPSK	16QAM	Limit: 13dB
RB Size	Full RB	Full RB	Result
Middle CH	4.96	5.68	PASS
Mode	FR1 n41 / 30MHz / DFT-S OFDM		
Mod.	QPSK	16QAM	Limit: 13dB
RB Size	Full RB	Full RB	Result
Middle CH	5.10	5.94	PASS
Mode	FR1 n41 / 40MHz / DFT-S OFDM		
Mod.	QPSK	16QAM	Limit: 13dB
RB Size	Full RB	Full RB	Result
Middle CH	5.28	5.84	PASS
Mode	FR1 n41 / 50MHz / DFT-S OFDM		
Mod.	QPSK	16QAM	Limit: 13dB
RB Size	Full RB	Full RB	Result
Middle CH	4.96	5.76	PASS
Mode	FR1 n41 / 60MHz / DFT-S OFDM		
Mod.	QPSK	16QAM	Limit: 13dB
RB Size	Full RB	Full RB	Result
Middle CH	5.24	6.04	PASS
Mode	FR1 n41 / 70MHz / DFT-S OFDM		
Mod.	QPSK	16QAM	Limit: 13dB
RB Size	Full RB	Full RB	Result
Middle CH	5.14	5.90	PASS
Mode	FR1 n41 / 80MHz / DFT-S OFDM		
Mod.	QPSK	16QAM	Limit: 13dB
RB Size	Full RB	Full RB	Result
Middle CH	5.30	6.06	PASS



Mode	FR1 n41 / 90MHz / DFT-S OFDM		
Mod.	QPSK	16QAM	Limit: 13dB
RB Size	Full RB	Full RB	Result
Middle CH	5.04	5.88	PASS
Mode	FR1 n41 / 100MHz / DFT-S OFDM		
Mod.	QPSK	16QAM	Limit: 13dB
RB Size	Full RB	Full RB	Result
Middle CH	4.94	5.62	PASS



FR1 n41 / 10MHz / DFTs OFDM / Middle Channel / Full RB

QPSK



16QAM



FR1 n41 / 15MHz / DFTs OFDM / Middle Channel / Full RB

QPSK



16QAM



FR1 n41 / 25MHz / DFTs OFDM / Middle Channel / Full RB

QPSK



16QAM





FR1 n41 / 30MHz / DFTs OFDM / Middle Channel / Full RB

QPSK



16QAM

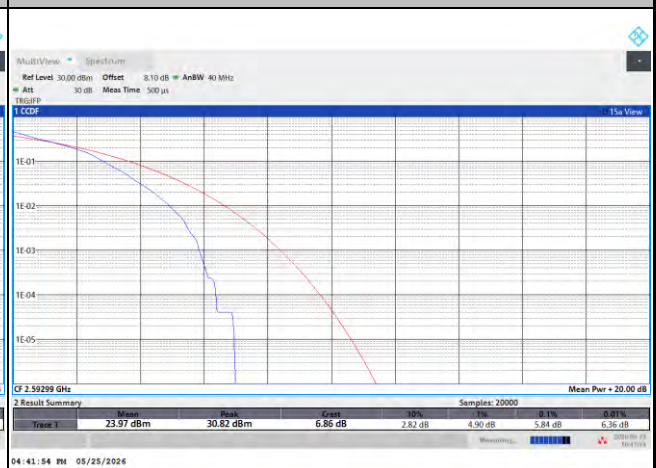


FR1 n41 / 40MHz / DFTs OFDM / Middle Channel / Full RB

QPSK



16QAM



FR1 n41 / 50MHz / DFTs OFDM / Middle Channel / Full RB

QPSK



16QAM





FR1 n41 / 60MHz / DFTs OFDM / Middle Channel / Full RB

QPSK



16QAM



FR1 n41 / 70MHz / DFTs OFDM / Middle Channel / Full RB

QPSK



16QAM

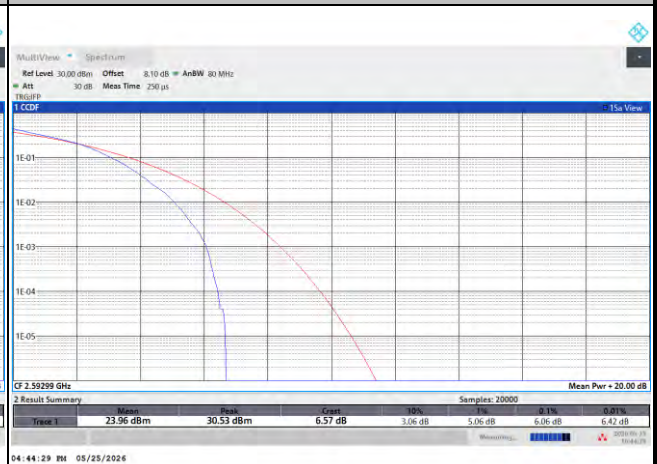


FR1 n41 / 80MHz / DFTs OFDM / Middle Channel / Full RB

QPSK



16QAM



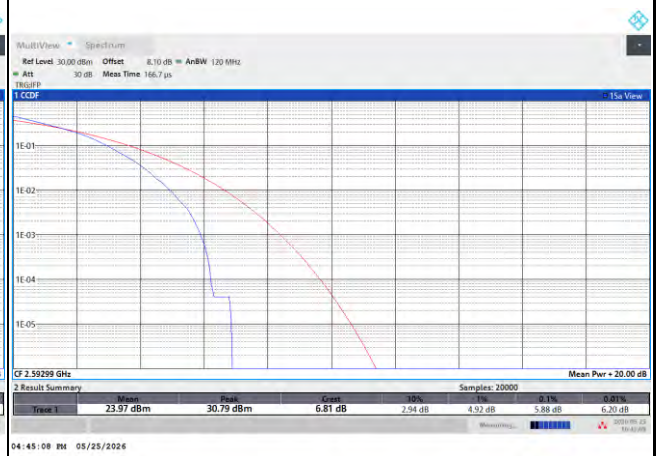


FR1 n41 / 90MHz / DFTs OFDM / Middle Channel / Full RB

QPSK

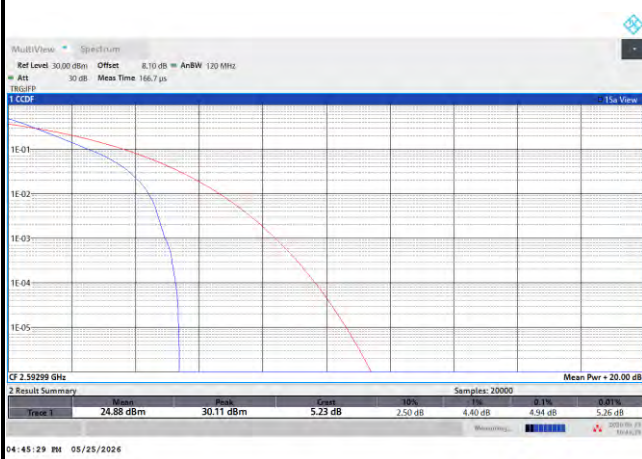


16QAM



FR1 n41 / 100MHz / DFTs OFDM / Middle Channel / Full RB

QPSK



16QAM



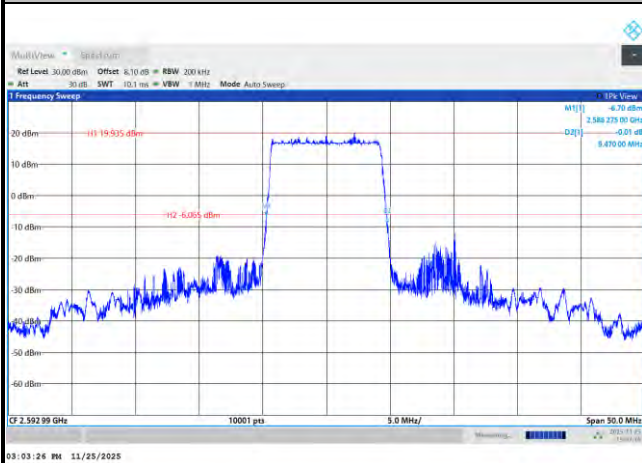
**26dB Bandwidth**

Mode	FR1 n41 : 26dB BW(MHz) / DFT-S OFDM							
BW	10MHz		15MHz		20MHz		25MHz	
Mod.	PI/2 BPSK	QPSK	PI/2 BPSK	QPSK	PI/2 BPSK	QPSK	PI/2 BPSK	QPSK
Middle CH	9.47	9.54	13.81	13.99	18.91	19.67	24.35	27.13
Mod.	16QAM		16QAM		16QAM		16QAM	
Middle CH	9.44		13.87		18.87		24.33	
BW	30MHz		40MHz		50MHz		60MHz	
Mod.	PI/2 BPSK	QPSK	PI/2 BPSK	QPSK	PI/2 BPSK	QPSK	PI/2 BPSK	QPSK
Middle CH	29.31	29.28	38.32	38.23	51.01	48.37	62.61	66.22
Mod.	16QAM		16QAM		16QAM		16QAM	
Middle CH	29.48		38.41		48.47		62.70	
BW	70MHz		80MHz		90MHz		100MHz	
Mod.	PI/2 BPSK	QPSK	PI/2 BPSK	QPSK	PI/2 BPSK	QPSK	PI/2 BPSK	QPSK
Middle CH	69.29	69.25	82.13	82.25	91.91	91.95	101.36	101.66
Mod.	16QAM		16QAM		16QAM		16QAM	
Middle CH	69.03		82.25		91.83		101.47	

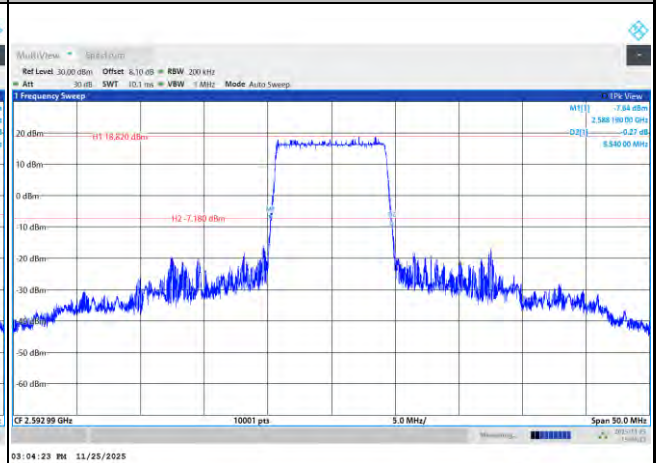


FR1 n41 / 10MHz / DFT-S OFDM / Middle Channel / Full RB

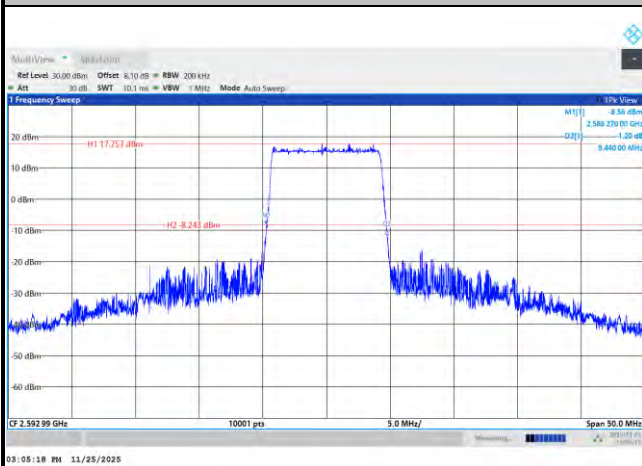
PI/2 BPSK

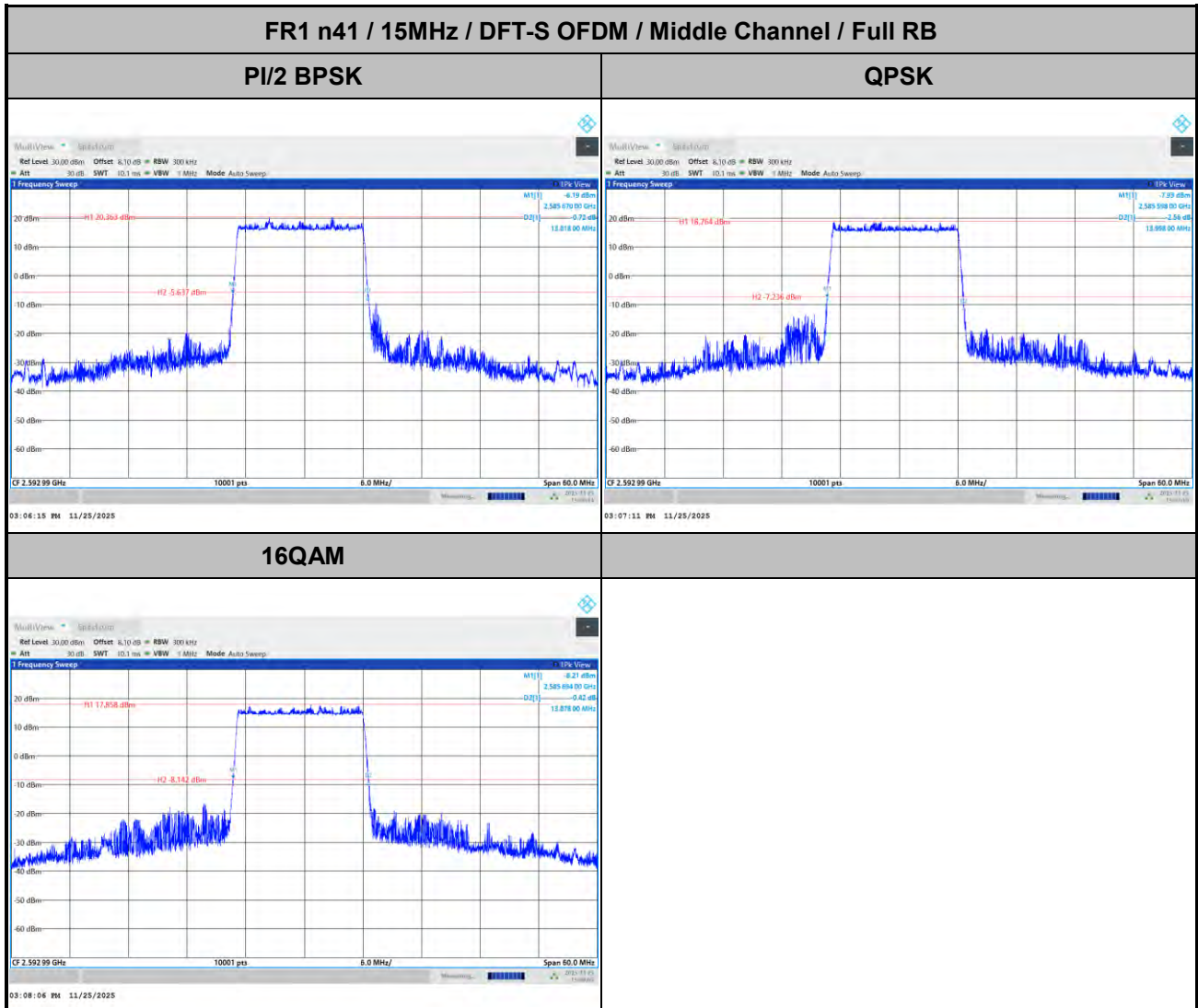


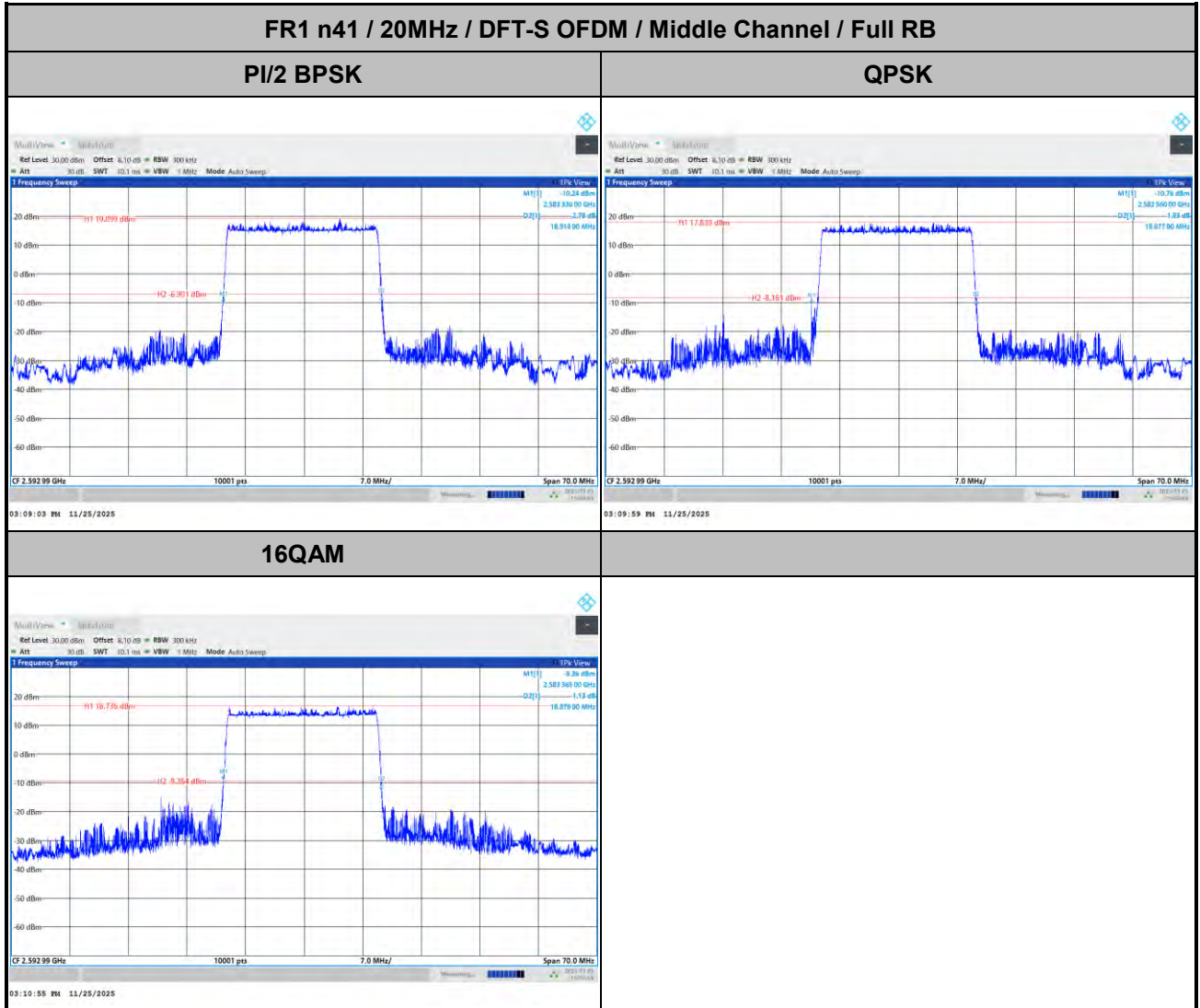
QPSK



16QAM



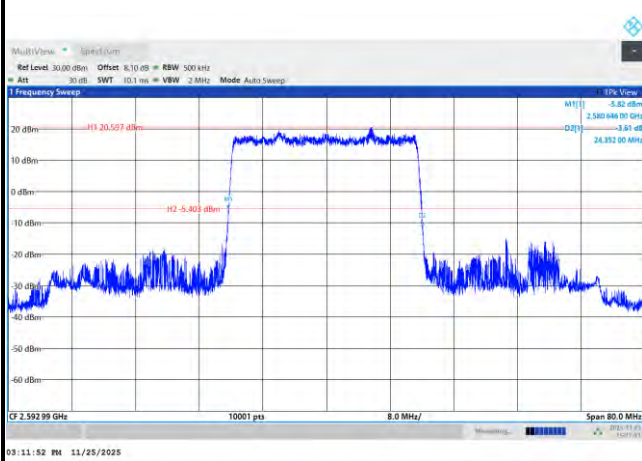




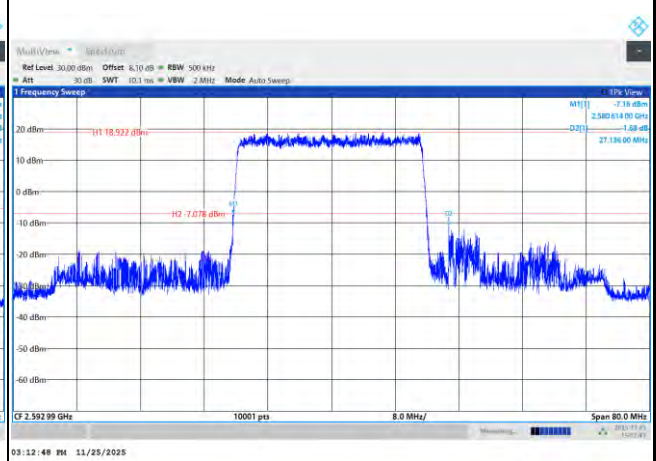


FR1 n41 / 25MHz / DFT-S OFDM / Middle Channel / Full RB

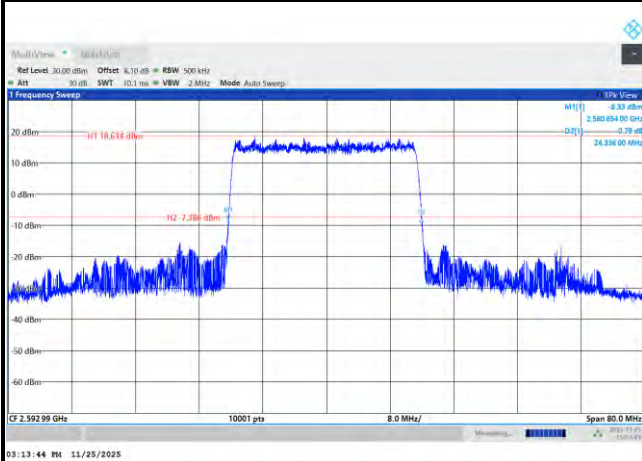
PI/2 BPSK



QPSK



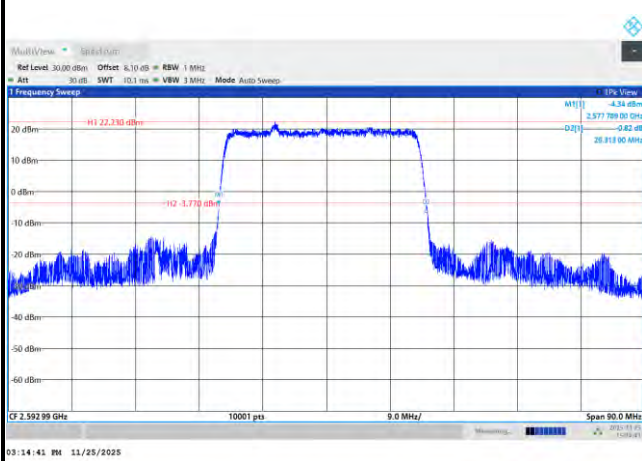
16QAM



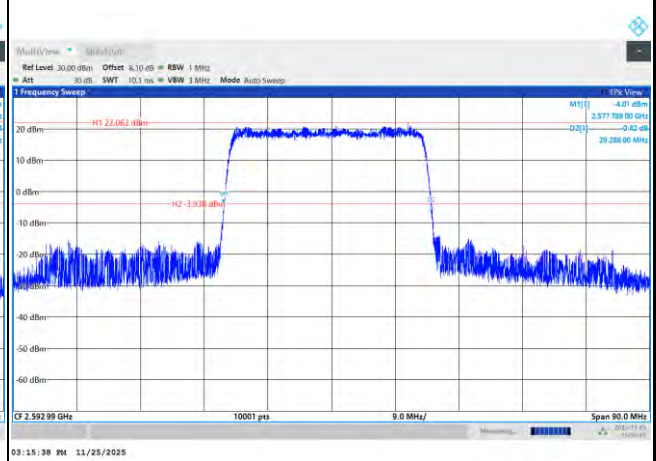


FR1 n41 / 30MHz / DFT-S OFDM / Middle Channel / Full RB

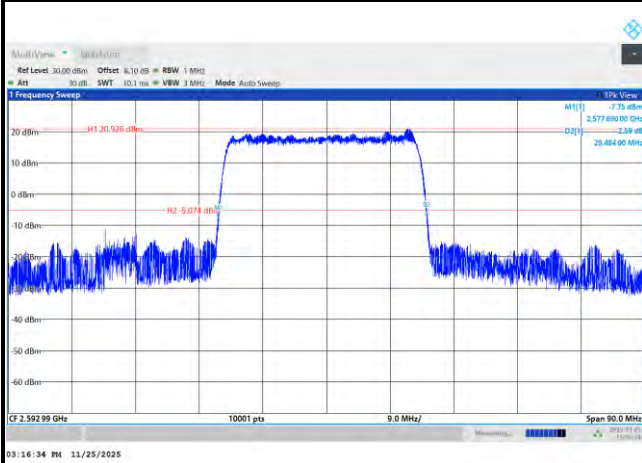
PI/2 BPSK



QPSK



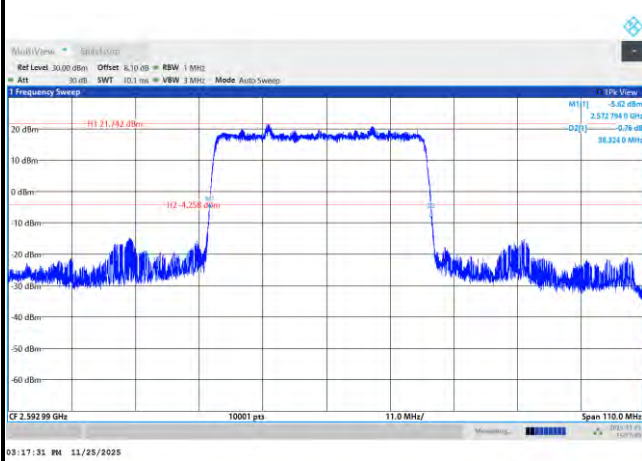
16QAM



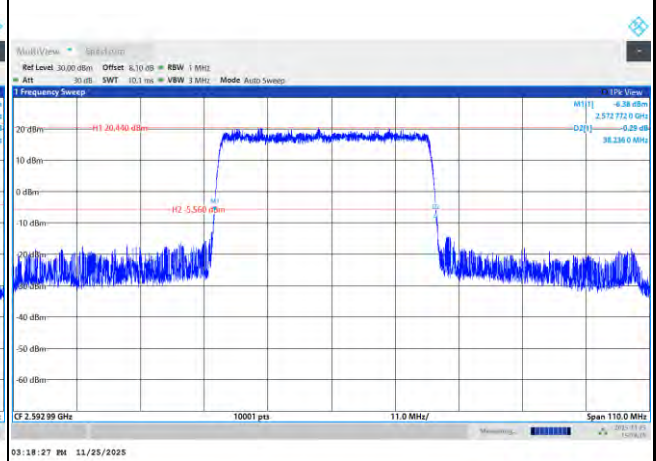


FR1 n41 / 40MHz / DFT-S OFDM / Middle Channel / Full RB

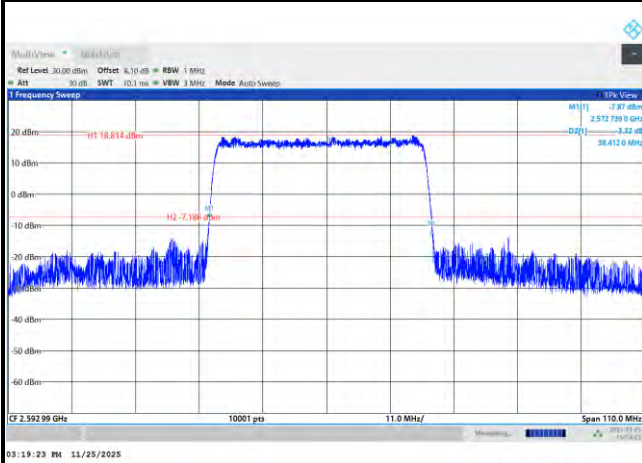
PI/2 BPSK



QPSK



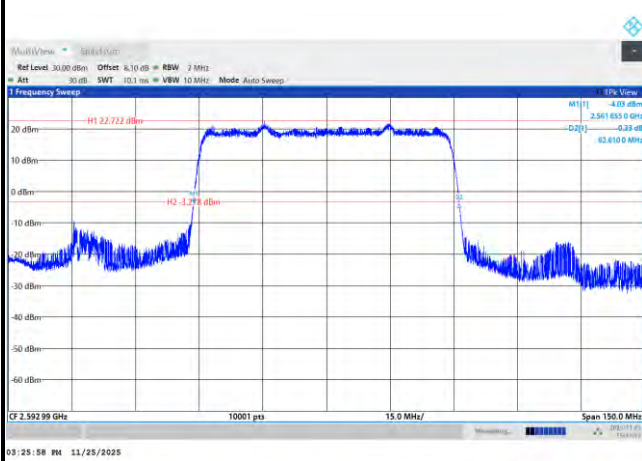
16QAM



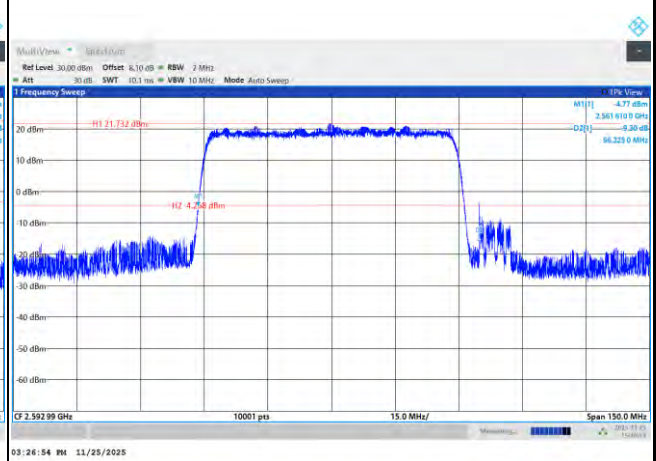


FR1 n41 / 60MHz / DFT-S OFDM / Middle Channel / Full RB

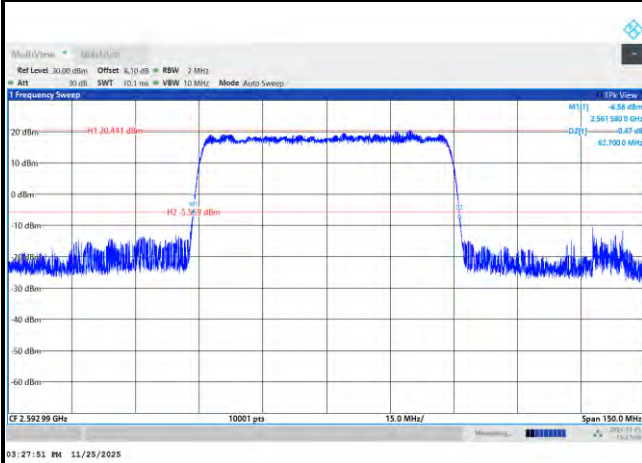
PI/2 BPSK



QPSK



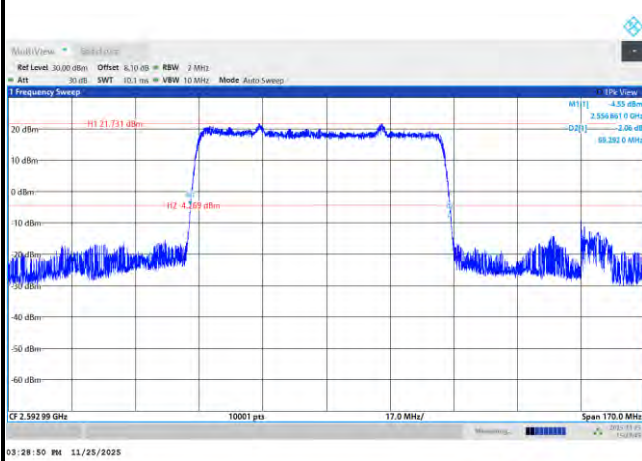
16QAM



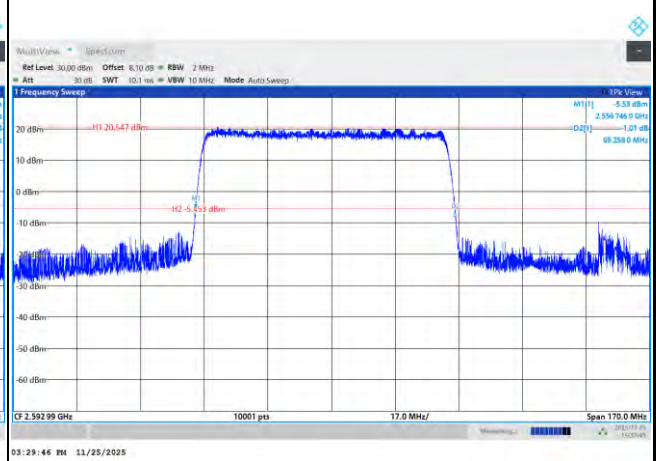


FR1 n41 / 70MHz / DFT-S OFDM / Middle Channel / Full RB

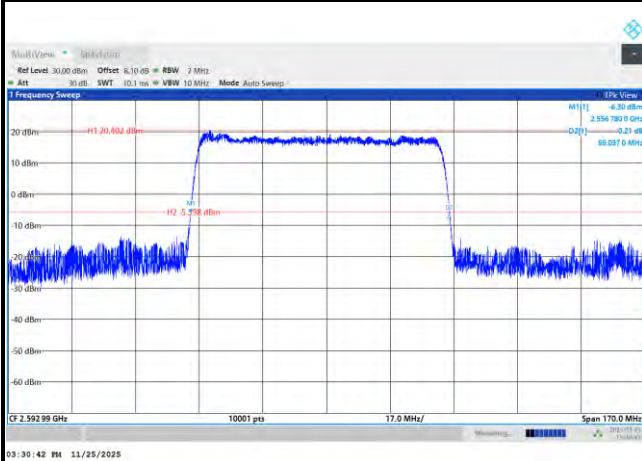
PI/2 BPSK



QPSK



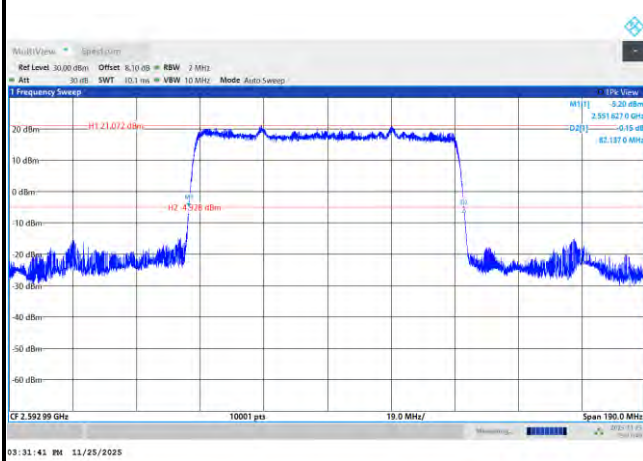
16QAM



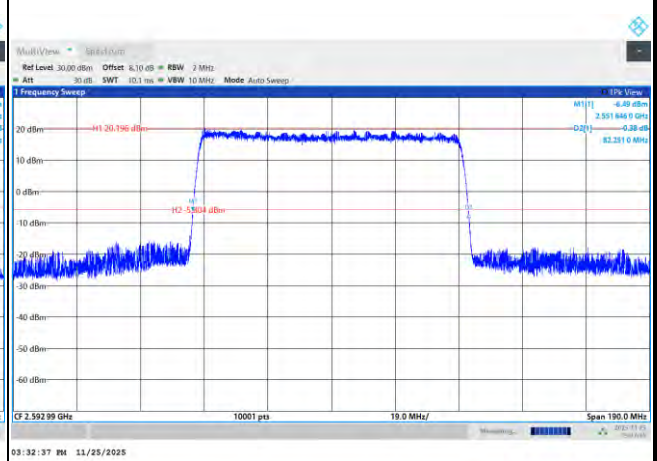


FR1 n41 / 80MHz / DFT-S OFDM / Middle Channel / Full RB

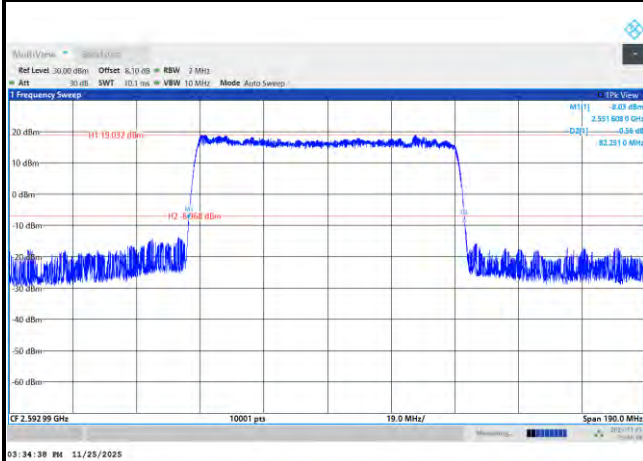
PI/2 BPSK



QPSK



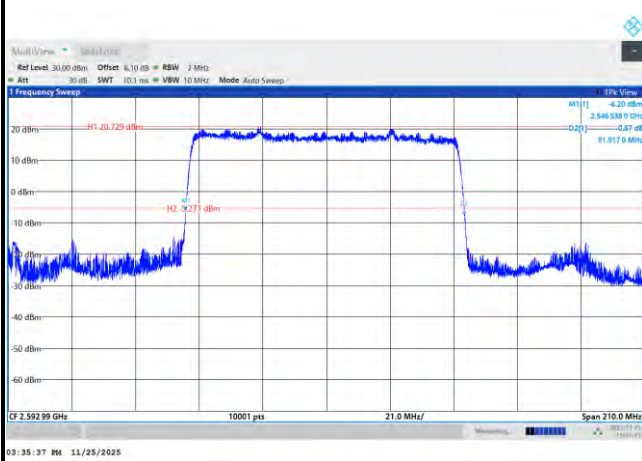
16QAM



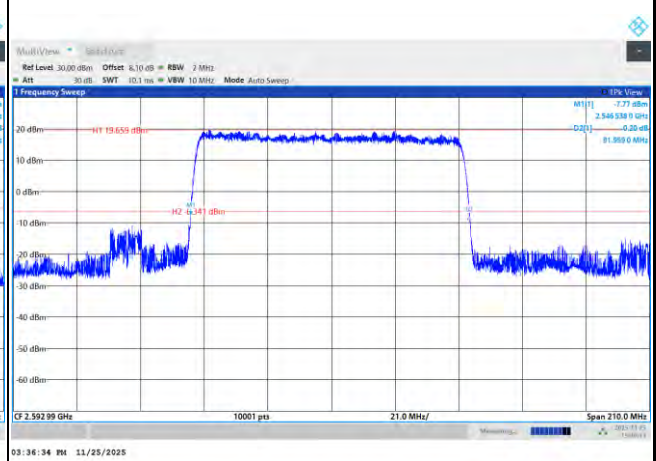


FR1 n41 / 90MHz / DFT-S OFDM / Middle Channel / Full RB

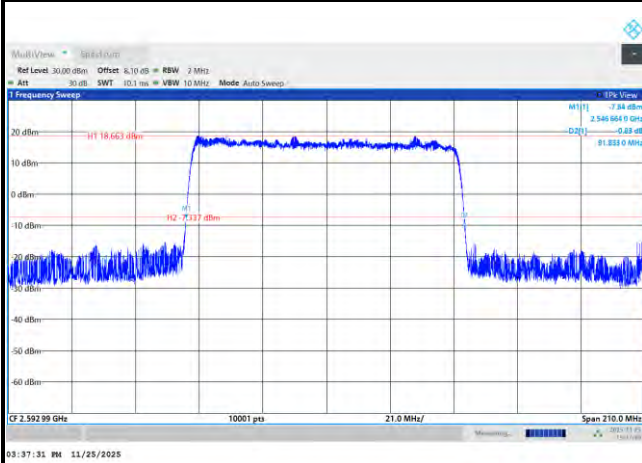
PI/2 BPSK



QPSK



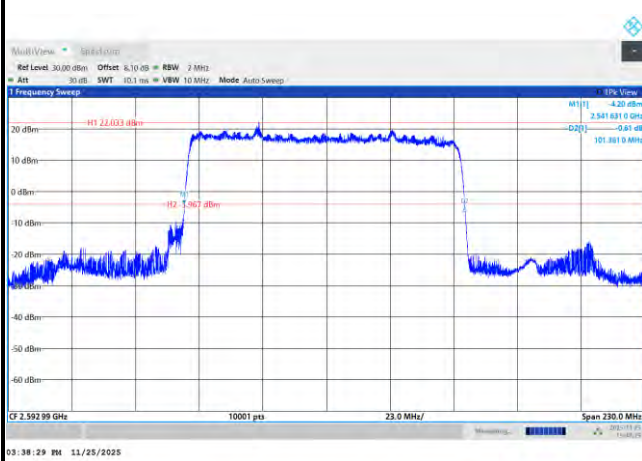
16QAM



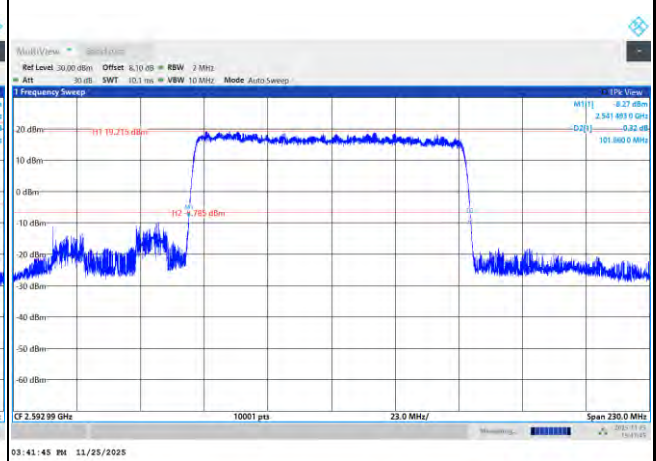


FR1 n41 / 100MHz / DFT-S OFDM / Middle Channel / Full RB

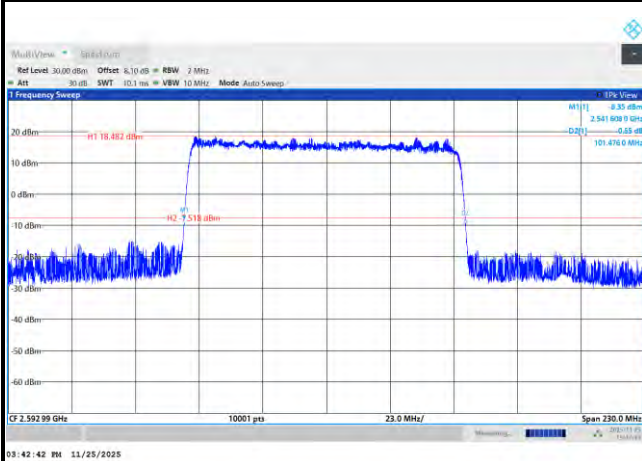
PI/2 BPSK



QPSK



16QAM



**Occupied Bandwidth**

Mode	FR1 n41 : 99%OBW(MHz) / DFT-S OFDM							
BW	10MHz		15MHz		20MHz		25MHz	
Mod.	PI/2 BPSK	QPSK	PI/2 BPSK	QPSK	PI/2 BPSK	QPSK	PI/2 BPSK	QPSK
Middle CH	8.66	8.66	12.93	12.99	17.98	17.90	23.08	23.04
Mod.	16QAM		16QAM		16QAM		16QAM	
Middle CH	8.60		12.93		17.88		22.92	
BW	30MHz		40MHz		50MHz		60MHz	
Mod.	PI/2 BPSK	QPSK	PI/2 BPSK	QPSK	PI/2 BPSK	QPSK	PI/2 BPSK	QPSK
Middle CH	27.24	27.30	36.09	36.03	45.97	45.89	58.54	58.59
Mod.	16QAM		16QAM		16QAM		16QAM	
Middle CH	27.19		35.99		45.98		58.43	
BW	70MHz		80MHz		90MHz		100MHz	
Mod.	PI/2 BPSK	QPSK	PI/2 BPSK	QPSK	PI/2 BPSK	QPSK	PI/2 BPSK	QPSK
Middle CH	65.22	64.84	77.63	77.54	87.22	87.03	96.61	96.49
Mod.	16QAM		16QAM		16QAM		16QAM	
Middle CH	64.84		77.51				96.45	



FR1 n41 / 10MHz / DFT-S OFDM / Middle Channel / Full RB

PI/2 BPSK



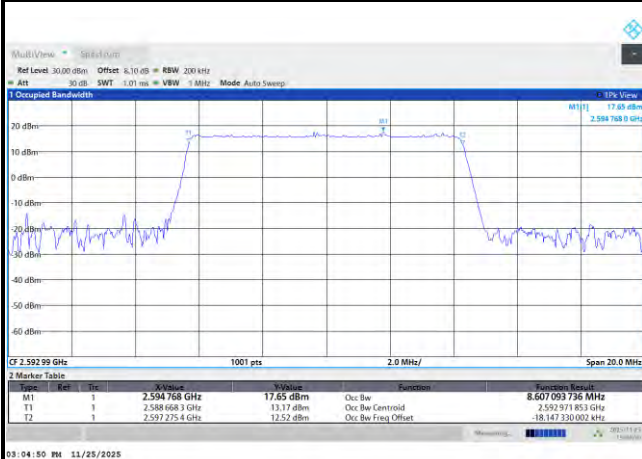
03:43:13 PM 11/25/2025

QPSK



03:03:55 PM 11/25/2025

16QAM

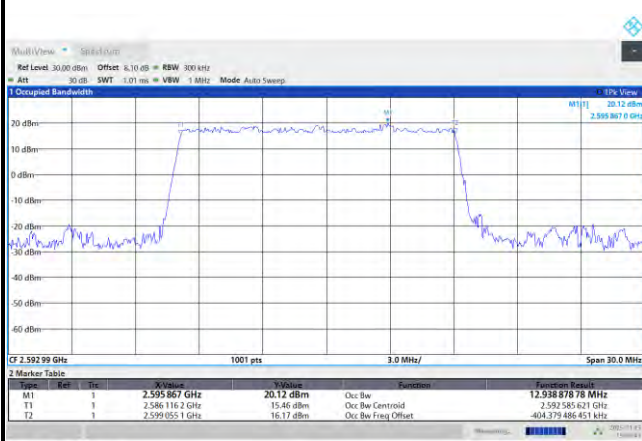


03:04:50 PM 11/25/2025



FR1 n41 / 15MHz / DFT-S OFDM / Middle Channel / Full RB

PI/2 BPSK



03:05:48 PM 11/25/2025

QPSK



03:06:43 PM 11/25/2025

16QAM



03:07:39 PM 11/25/2025



FR1 n41 / 20MHz / DFT-S OFDM / Middle Channel / Full RB

PI/2 BPSK



03:08:36 PM 11/25/2025

QPSK



03:09:31 PM 11/25/2025

16QAM



03:10:27 PM 11/25/2025