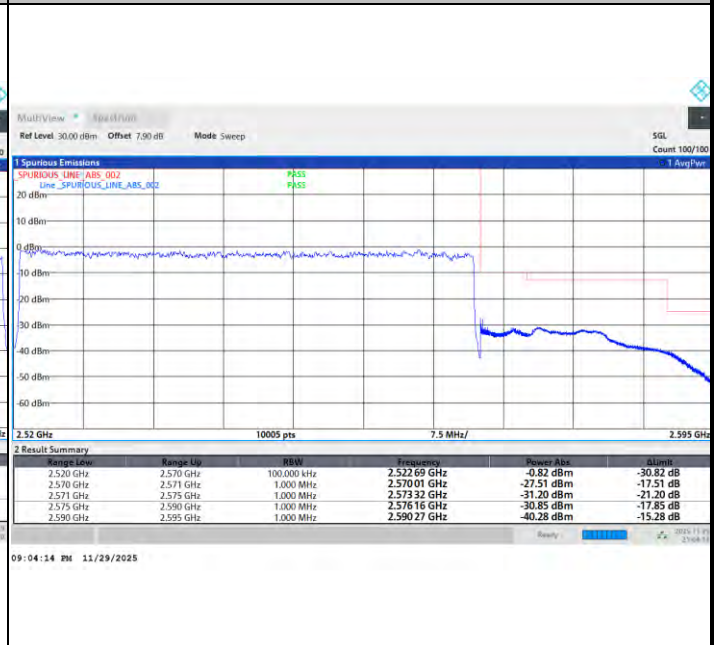
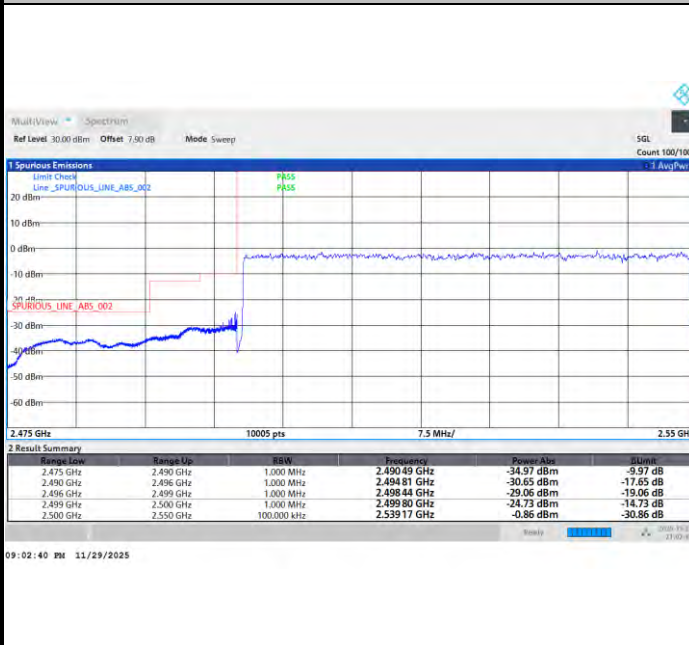




FR1 n7 / 50MHz / DFT-s-OFDM / PI/2 BPSK

Lowest Band Edge / Full RB

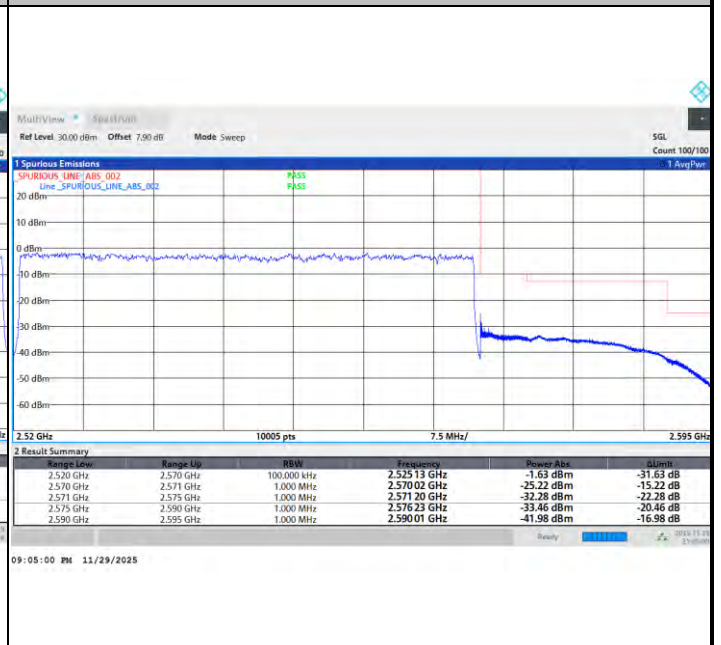
Highest Band Edge / Full RB



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

Lowest Band Edge / Full RB

Highest Band Edge / Full RB

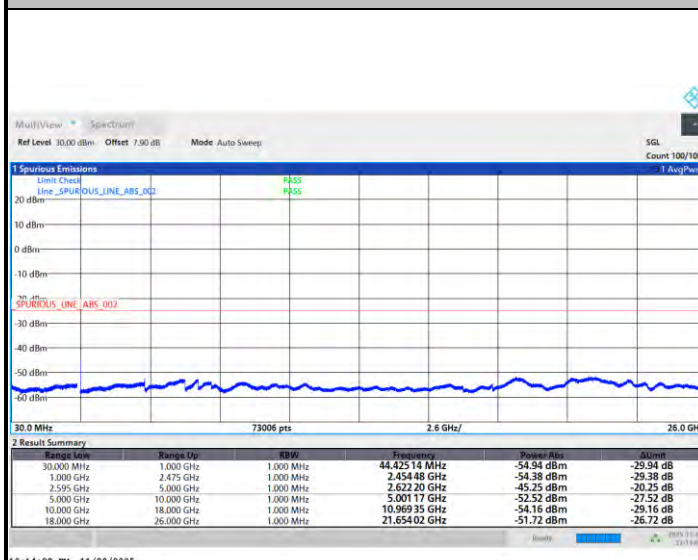




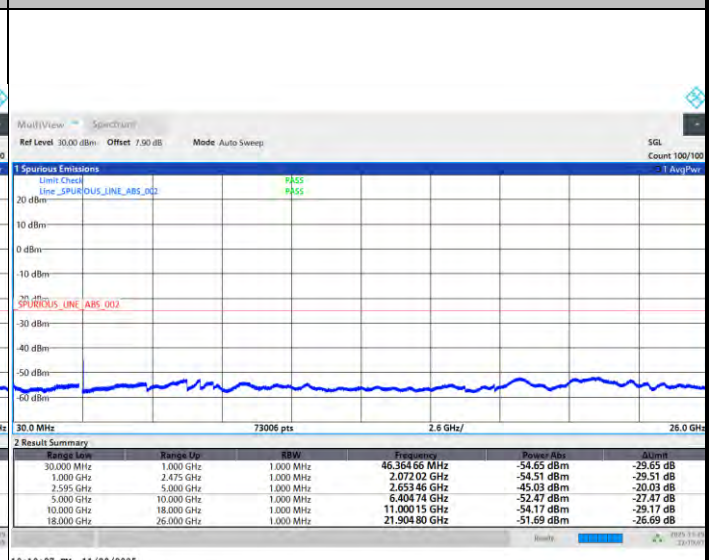
Conducted Spurious Emission

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

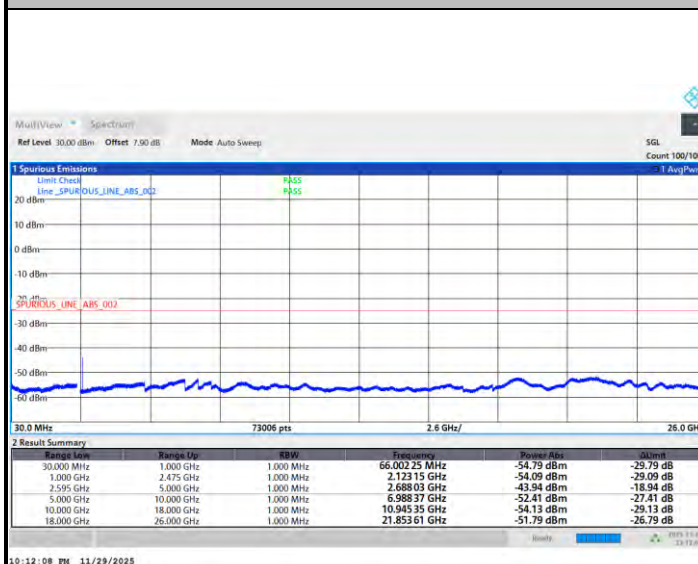
Lowest Channel



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	0.0053	13.4	Yes	PASS
40	Normal Voltage	0.0018	4.5	Yes	
30	Normal Voltage	0.0038	9.6	Yes	
20(Ref.)	Normal Voltage	0.0000	0	Yes	
10	Normal Voltage	0.0003	-0.8	Yes	
0	Normal Voltage	0.0003	0.7	Yes	
-10	Normal Voltage	0.0010	2.6	Yes	
-20	Normal Voltage	0.0011	-2.7	Yes	
-30	Normal Voltage	0.0047	11.8	Yes	
20	Maximum Voltage	0.0053	13.5	Yes	
20	Normal Voltage	0.0040	10.2	Yes	
20	Minimum Voltage	0.0041	10.5	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.

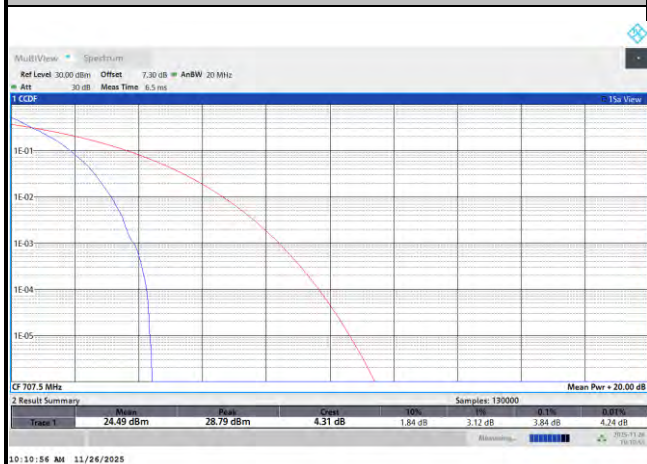
**FR1 n12****<SISO Mode>****Peak-to-Average Ratio**

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	3.84	5.08	5.84	6.12	PASS
Mode	FR1 n12 / 15MHz / DFT-S OFDM				
Mod.	256QAM				Limit: 13dB
RB Size	Full RB				Result
Middle CH	6.64				PASS

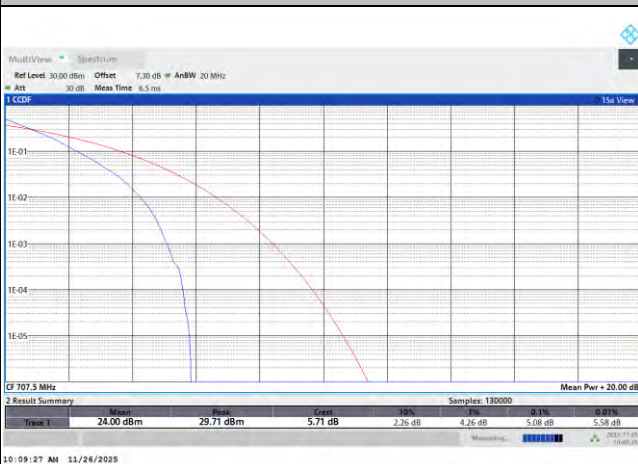


FR1 n12 / 15MHz / DFT-S OFDM / Middle Channel / Full RB

PI/2 BPSK



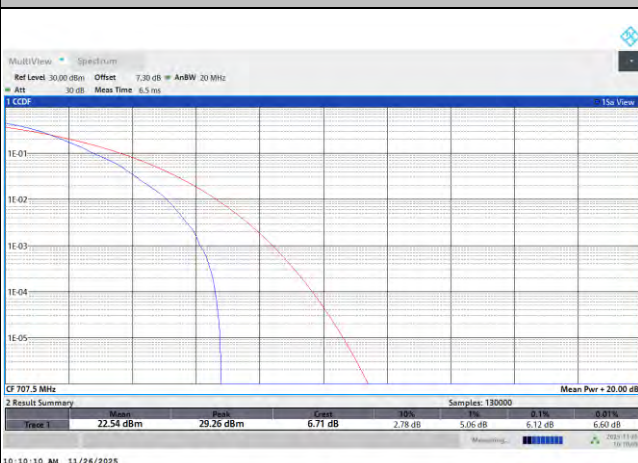
QPSK



16QAM



64QAM

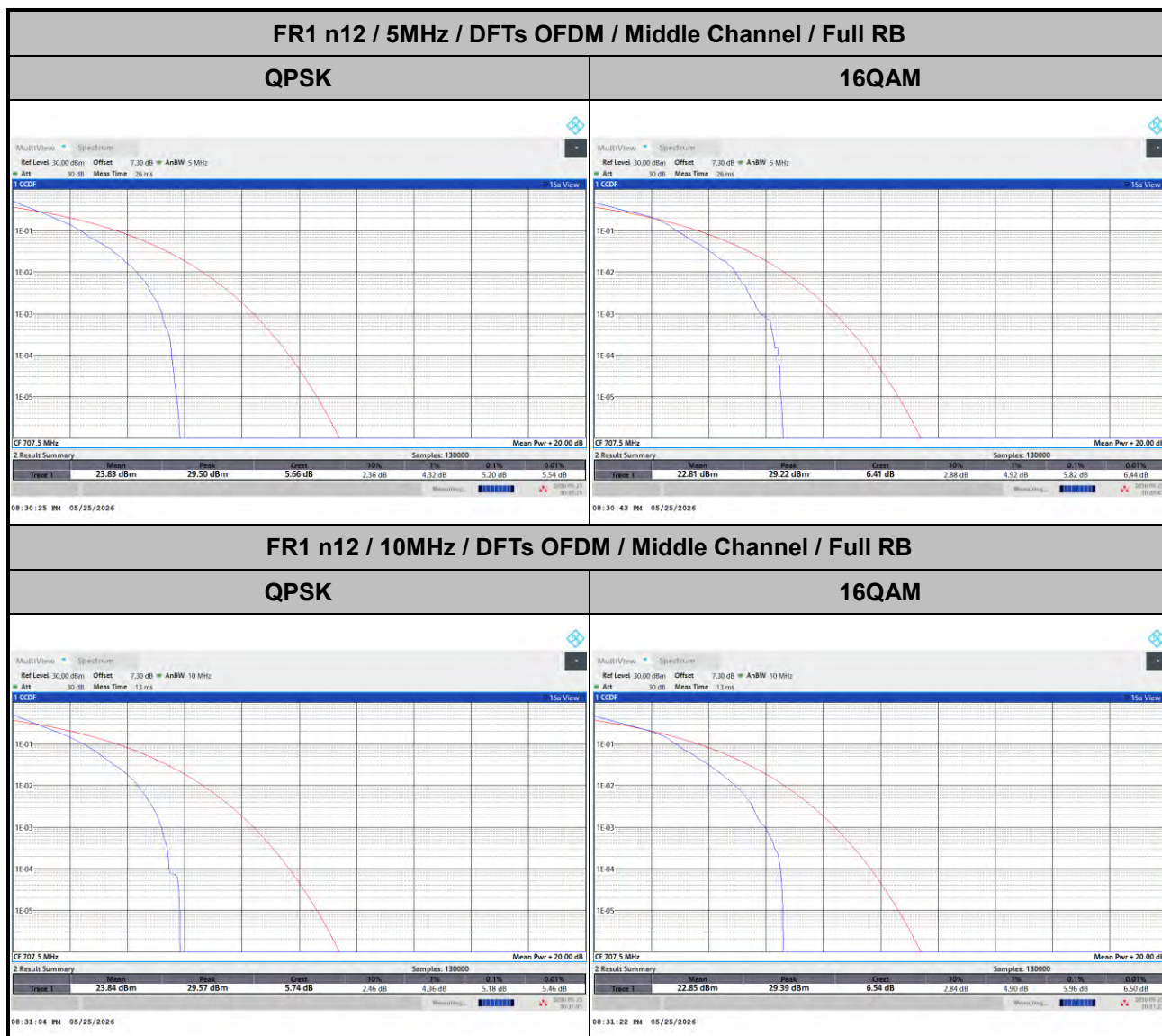


256QAM





Mode	FR1 n12 / 5MHz / DFT-S OFDM		
Mod.	QPSK	16QAM	Limit: 13dB
RB Size	Full RB	Full RB	Result
Middle CH	5.20	5.82	PASS
Mode	FR1 n12 / 10MHz / DFT-S OFDM		
Mod.	QPSK	16QAM	Limit: 13dB
RB Size	Full RB	Full RB	Result
Middle CH	5.18	5.96	PASS



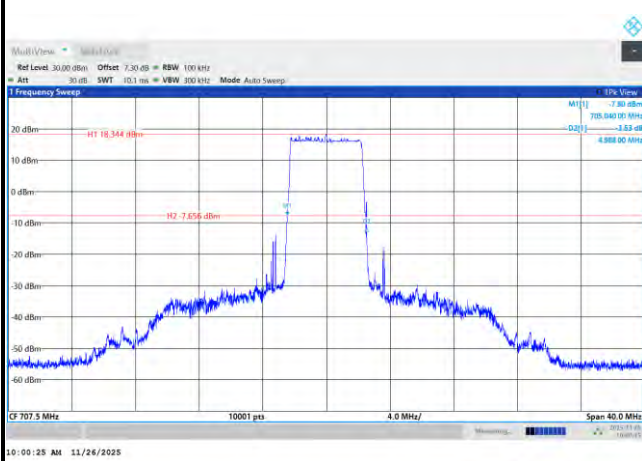
**26dB Bandwidth**

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	4.98	4.93	9.62	9.55	14.44	14.26		
Mod.	16QAM		16QAM		16QAM			
Middle CH	4.93		9.54		14.72			

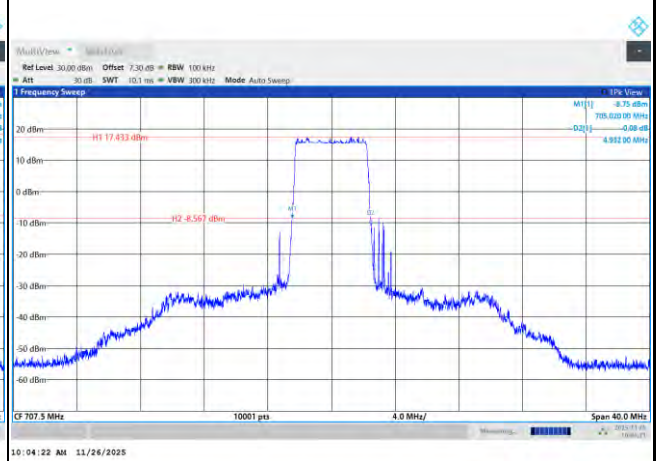


FR1 n12 / 5MHz / DFT-S OFDM / Middle Channel / Full RB

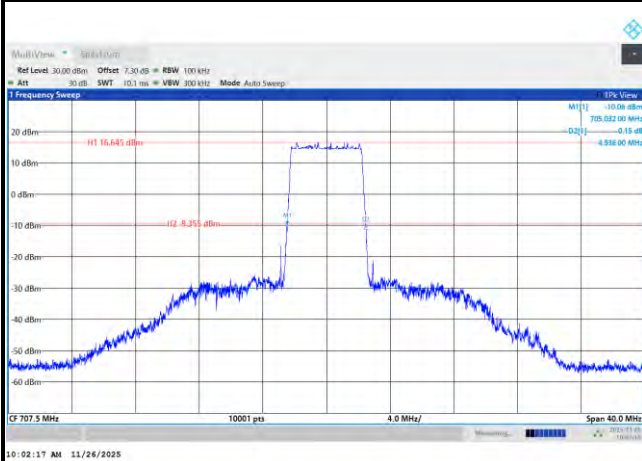
PI/2 BPSK



QPSK



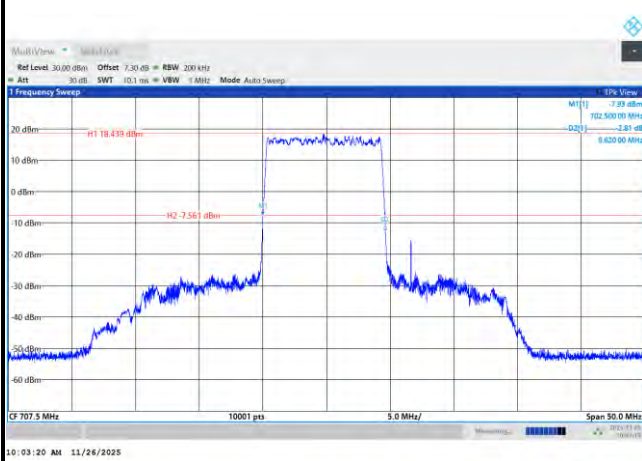
16QAM



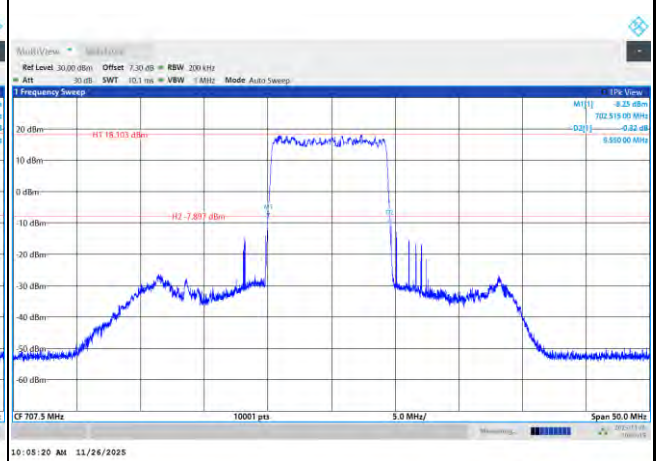


FR1 n12 / 10MHz / DFT-S OFDM / Middle Channel / Full RB

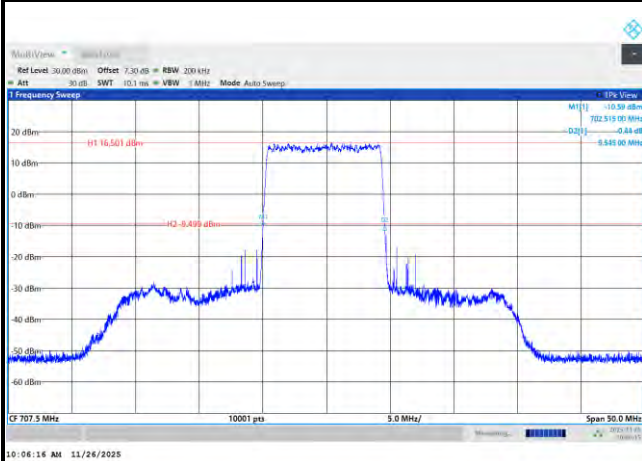
PI/2 BPSK



QPSK



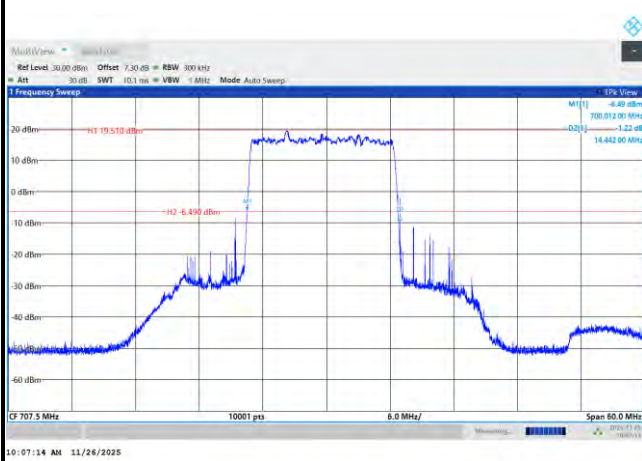
16QAM



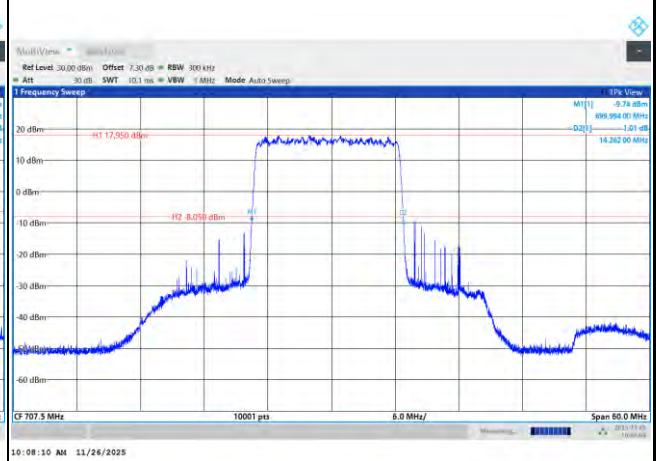


FR1 n12 / 15MHz / DFT-S OFDM / Middle Channel / Full RB

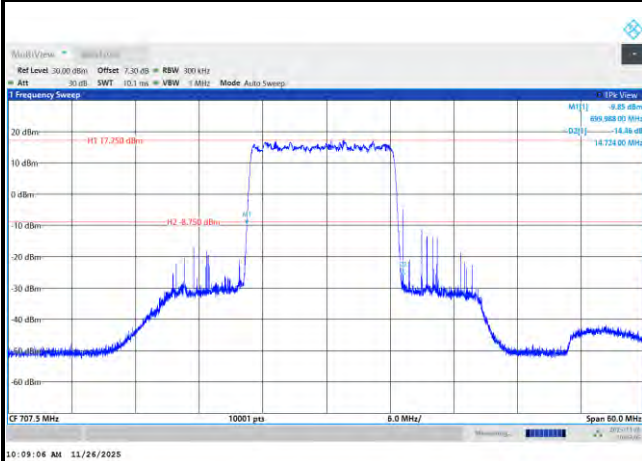
PI/2 BPSK



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	4.50	4.51	9.00	8.96	13.44	13.43		
Mod.	16QAM		16QAM		16QAM			
Middle CH	4.49		8.95		13.42			



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

PI/2 BPSK



09:59:57 AM 11/26/2025

QPSK



10:00:53 AM 11/26/2025

16QAM



10:01:49 AM 11/26/2025



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



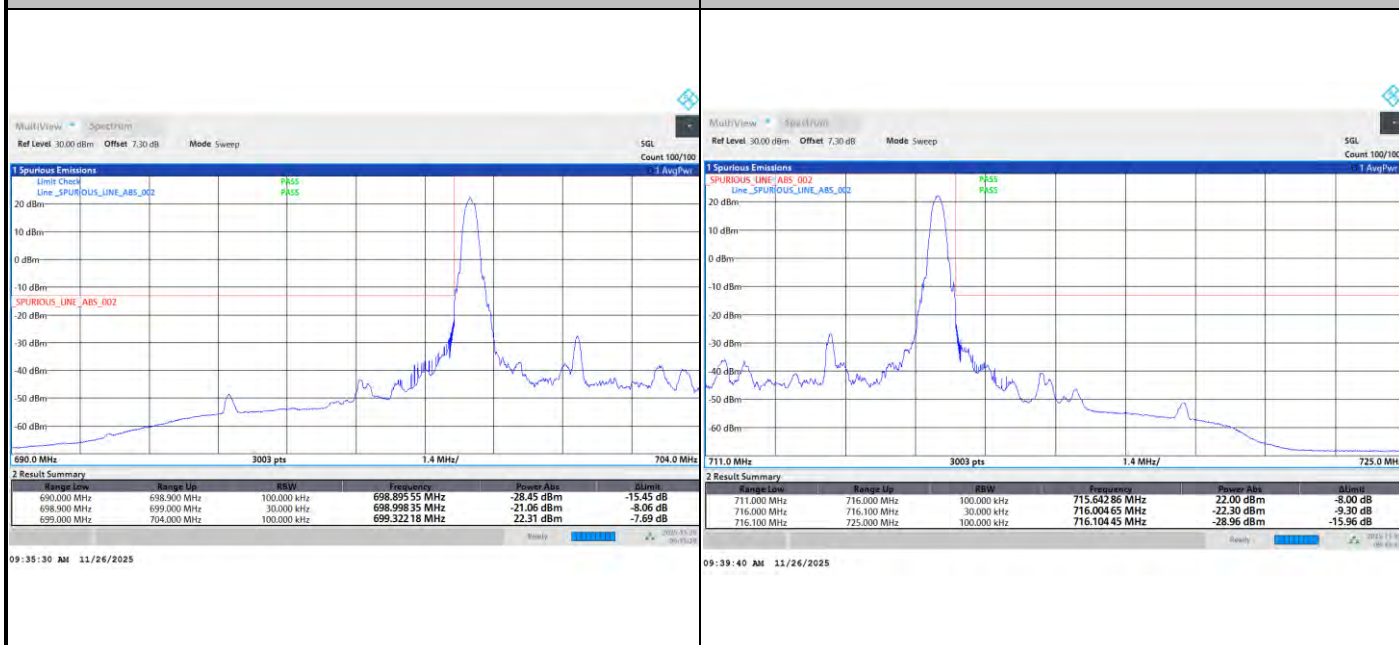


Conducted Band Edge

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

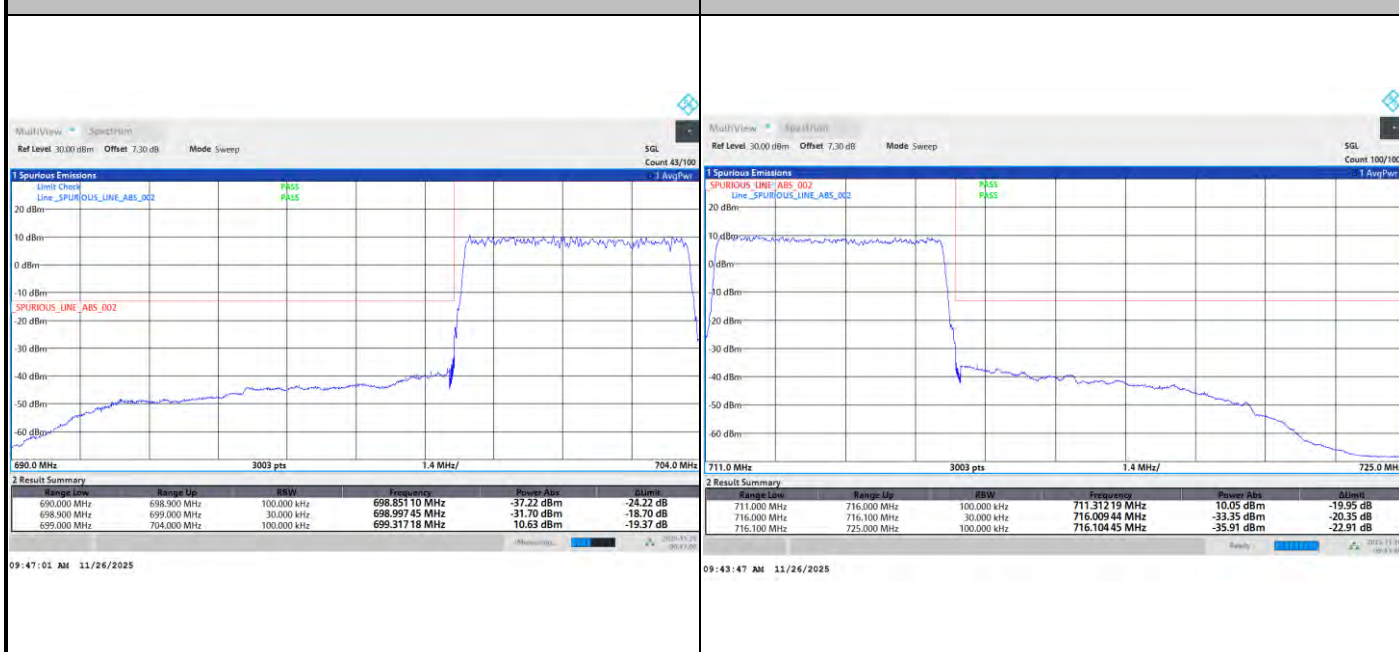
Lowest Band Edge / 1RB0

Highest Band Edge / 1RBmax



Lowest Band Edge / Full RB

Highest Band Edge / Full RB

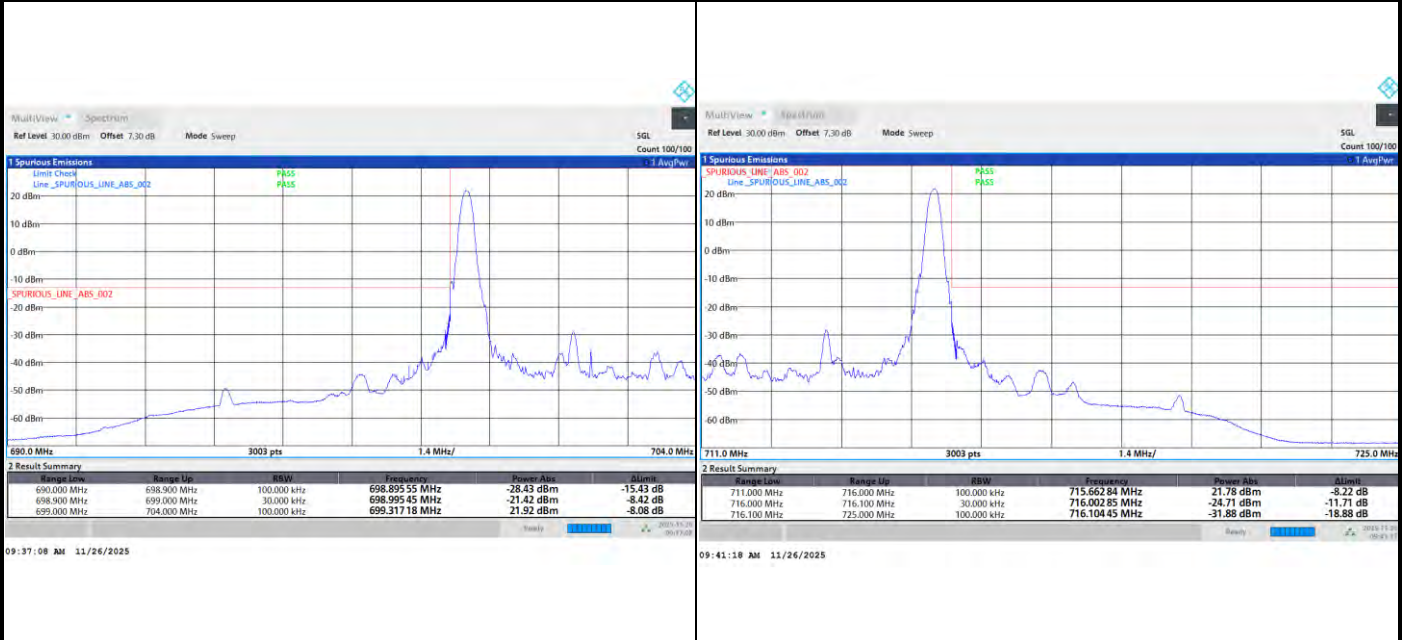




FR1 n12 / 5MHz / DFT-S OFDM / QPSK

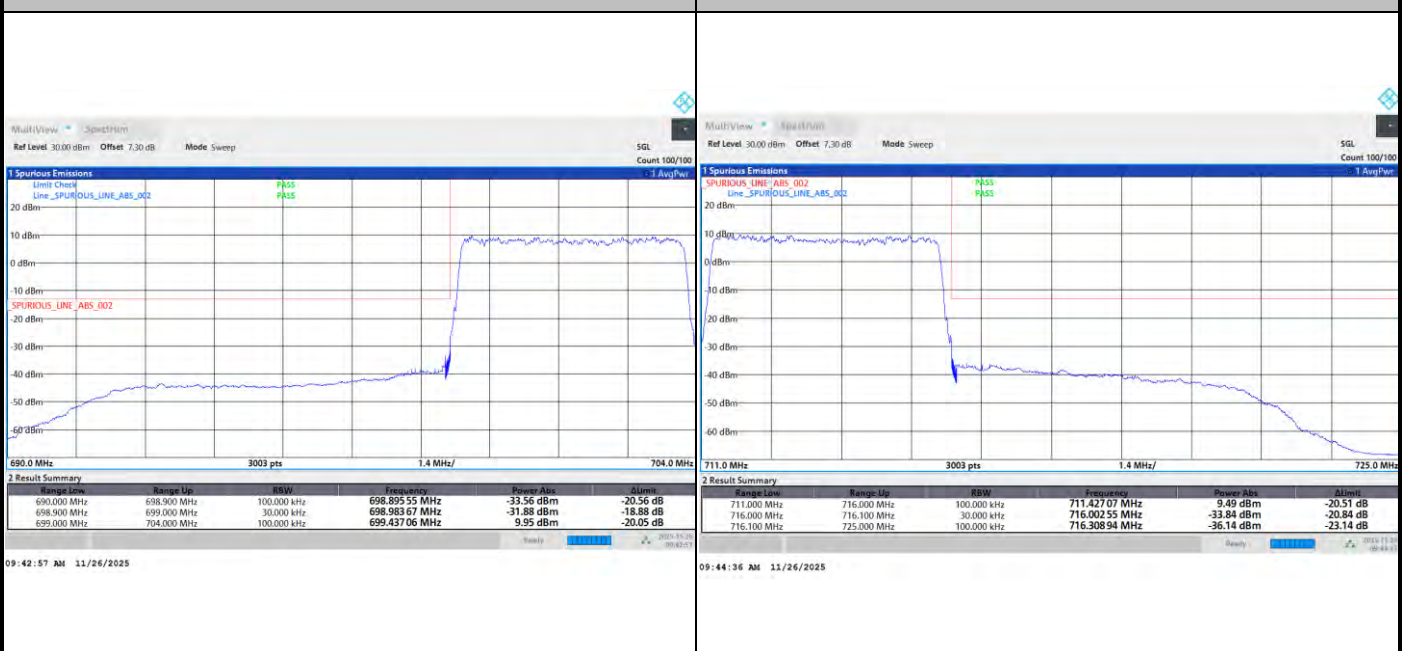
Lowest Band Edge / 1RB0

Highest Band Edge / 1RBmax



Lowest Band Edge / Full RB

Highest Band Edge / Full RB

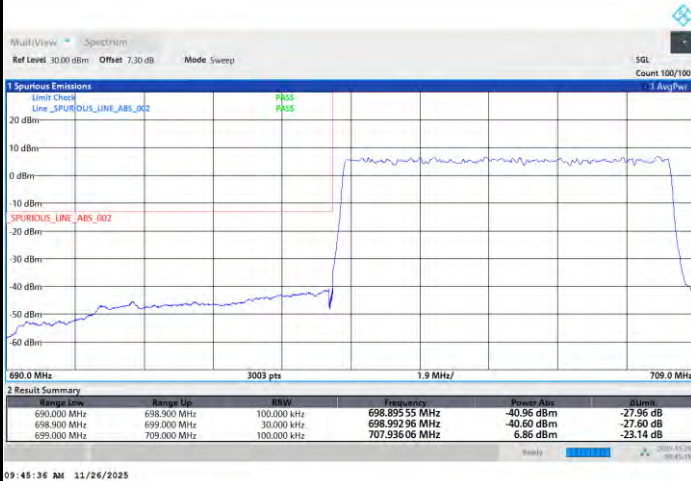




FR1 n12 / 10MHz / DFT-s-OFDM / PI/2 BPSK / Full RB

Lowest Band Edge

Highest Band Edge



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

Lowest Band Edge

Highest Band Edge

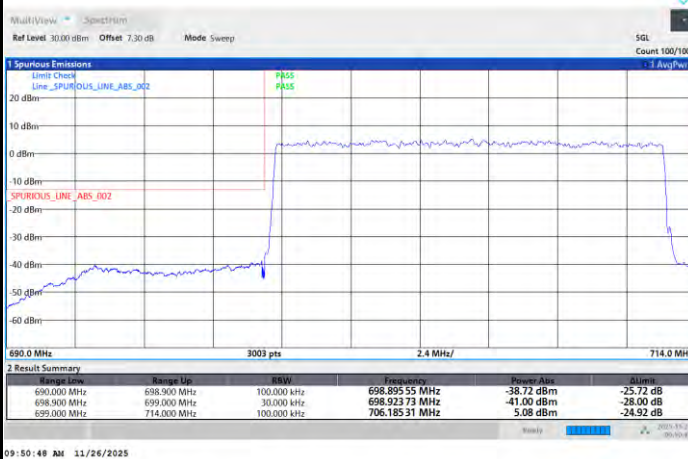




FR1 n12 / 15MHz / DFT-s-OFDM / PI/2 BPSK / Full RB

Lowest Band Edge

Highest Band Edge



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

Lowest Band Edge

Highest Band Edge



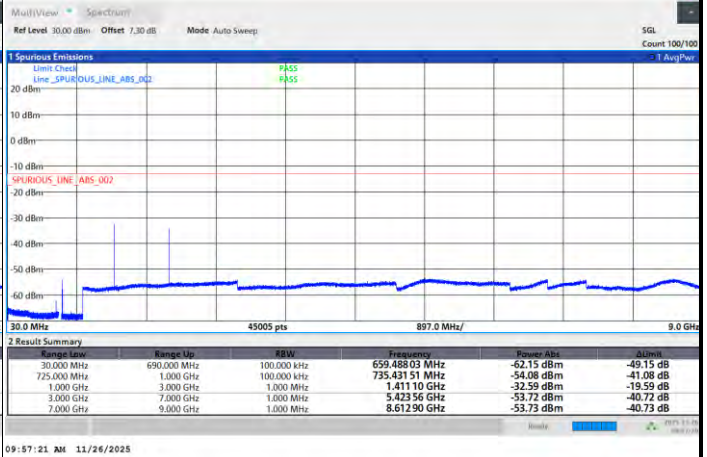
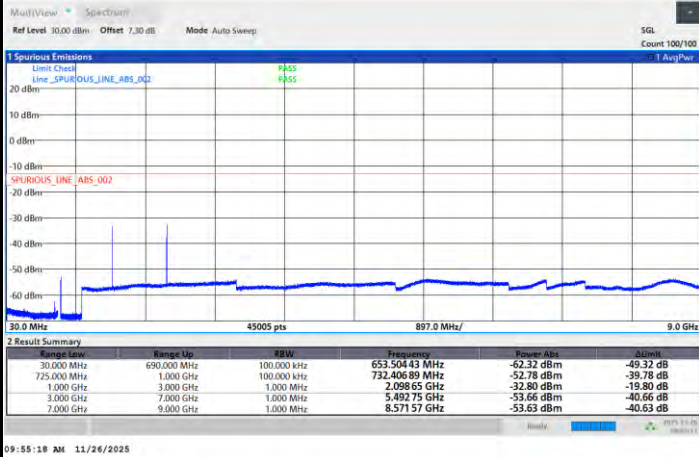


Conducted Spurious Emission

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	0.0071	5	Yes	PASS
40	Normal Voltage	0.0198	14	Yes	
30	Normal Voltage	0.0259	18.3	Yes	
20(Ref.)	Normal Voltage	0.0000	0	Yes	
10	Normal Voltage	0.0174	12.3	Yes	
0	Normal Voltage	0.0006	0.4	Yes	
-10	Normal Voltage	0.0243	17.2	Yes	
-20	Normal Voltage	0.0146	10.3	Yes	
-30	Normal Voltage	0.0242	17.1	Yes	
20	Maximum Voltage	0.0031	2.2	Yes	
20	Normal Voltage	0.0065	4.6	Yes	
20	Minimum Voltage	0.0085	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.

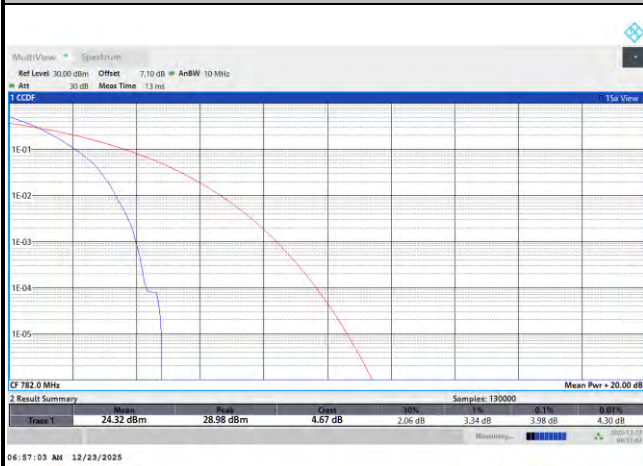
**FR1 n13****<SISO Mode>****Peak-to-Average Ratio**

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	3.98	4.98	5.80	6.28	PASS
Mode	FR1 n13 / 20MHz / DFT-S OFDM				
Mod.	256QAM				Limit: 13dB
RB Size	Full RB				Result
Middle CH	6.76				PASS

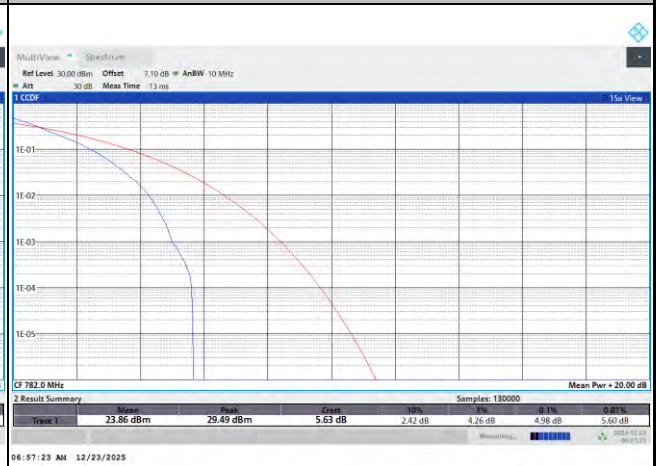


FR1 n13 / 10MHz / DFT-S OFDM / Middle Channel / Full RB

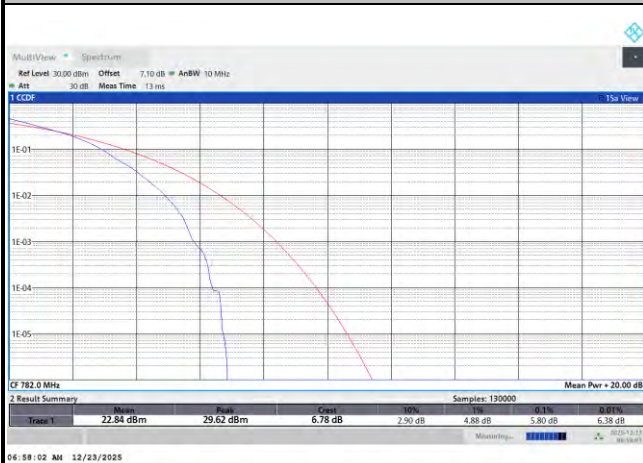
PI/2 BPSK



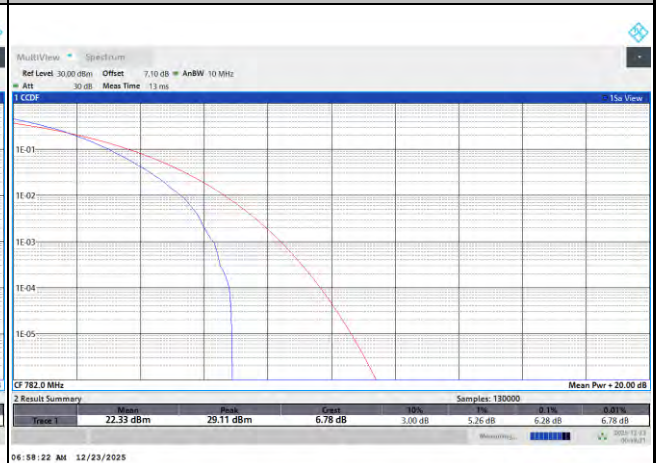
QPSK



16QAM



64QAM

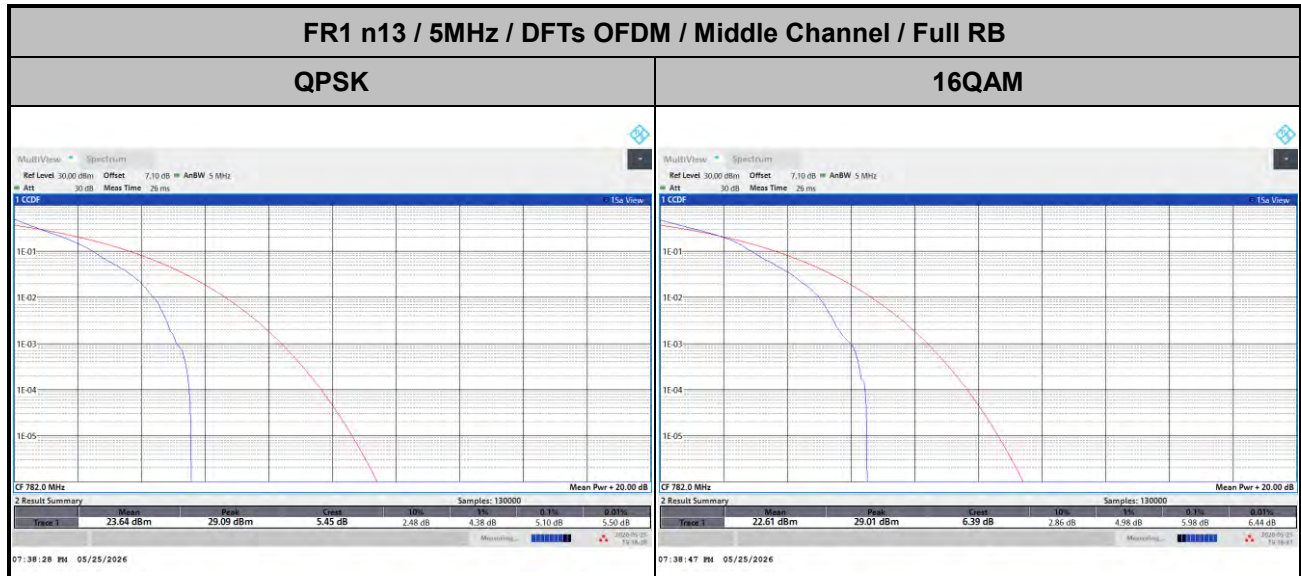


256QAM





Mode	FR1 n13 / 5MHz / DFT-S OFDM		
Mod.	QPSK	16QAM	Limit: 13dB
RB Size	Full RB	Full RB	Result
Middle CH	5.10	5.98	PASS



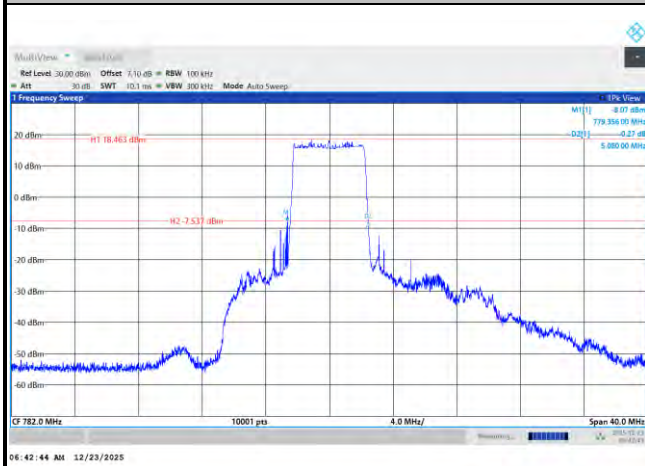
**26dB Bandwidth**

Mode	FR1 n13 : 26dB BW(MHz) / DFT-S OFDM							
BW	5MHz		10MHz					
Mod.	PI/2 BPSK	QPSK	PI/2 BPSK	QPSK				
Middle CH	5.08	5.38	9.54	9.54				
Mod.	16QAM		16QAM					
Middle CH	4.92		9.53					

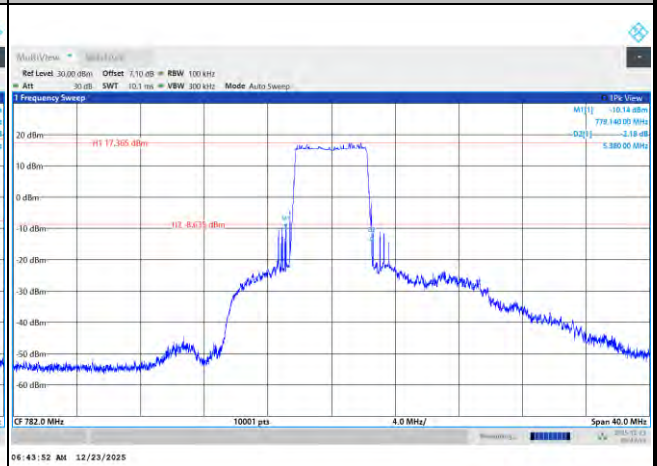


FR1 n13 / 5MHz / DFT-S OFDM / Middle Channel / Full RB

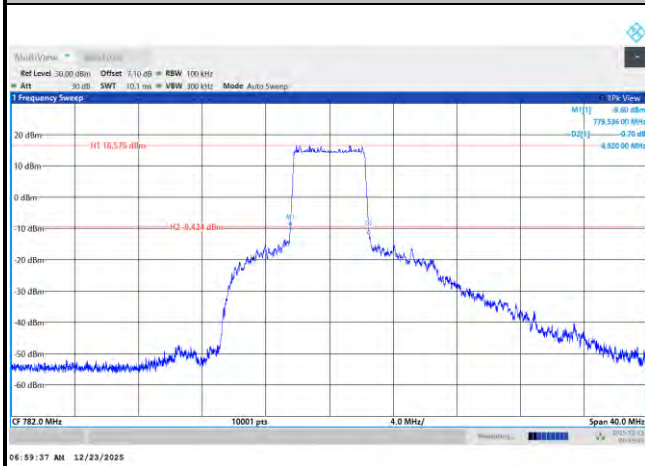
PI/2 BPSK



QPSK



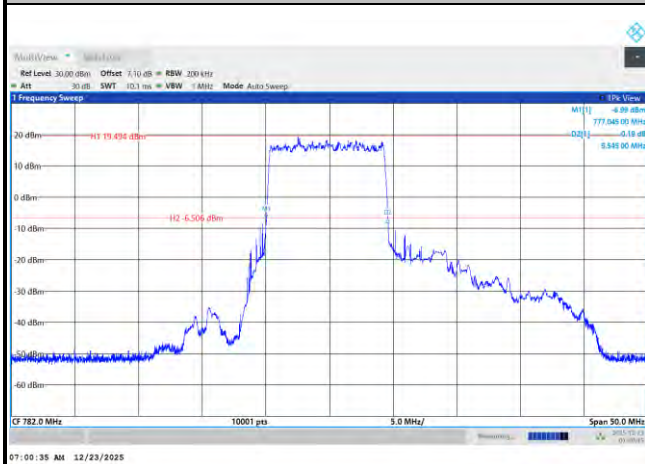
16QAM



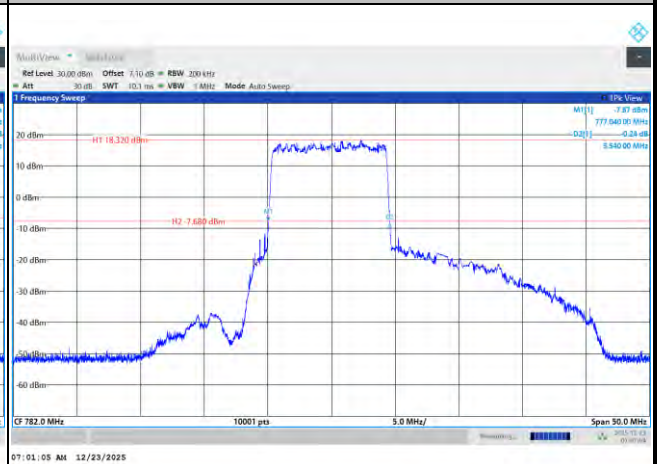


FR1 n13 / 10MHz / DFT-S OFDM / Middle Channel / Full RB

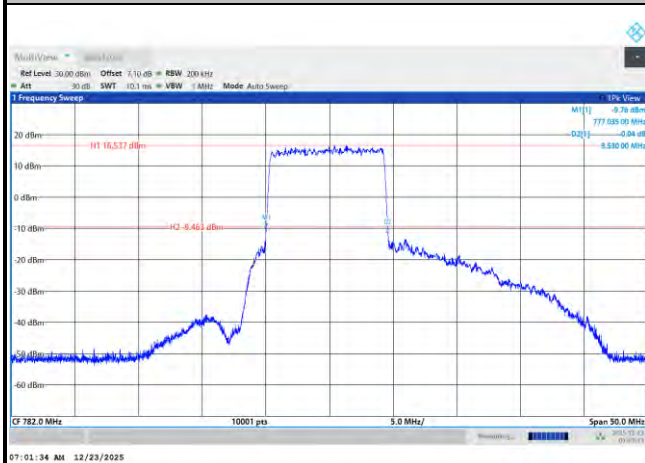
PI/2 BPSK



QPSK



16QAM



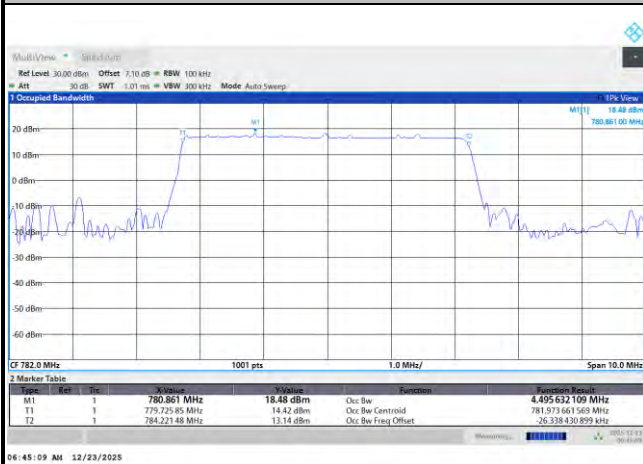
**Occupied Bandwidth**

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	9.01	8.96				
Mod.	16QAM		16QAM					
Middle CH	4.49		8.95					



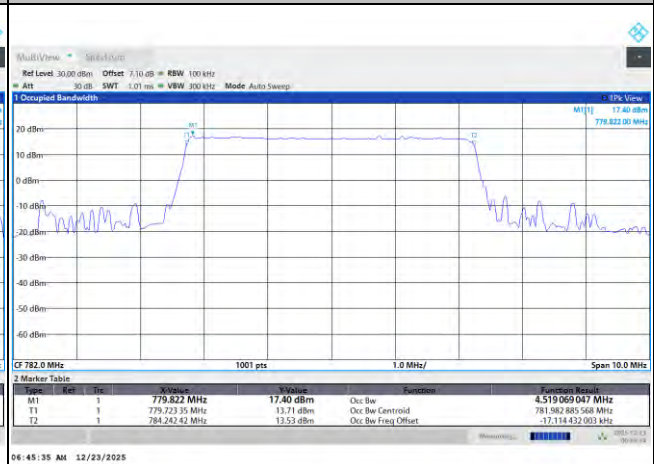
FR1 n13 / 5MHz / DFT-S OFDM / Middle Channel / Full RB

PI/2 BPSK



06:45:09 AM 12/23/2025

QPSK



06:45:35 AM 12/23/2025

16QAM



06:46:00 AM 12/23/2025

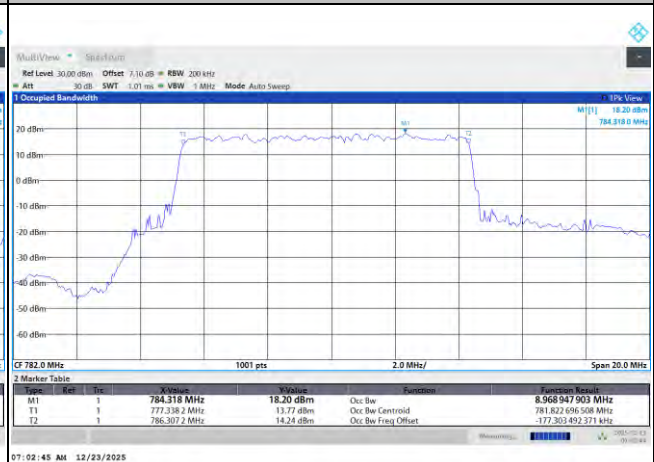


FR1 n13 / 10MHz / DFT-S OFDM / Middle Channel / Full RB

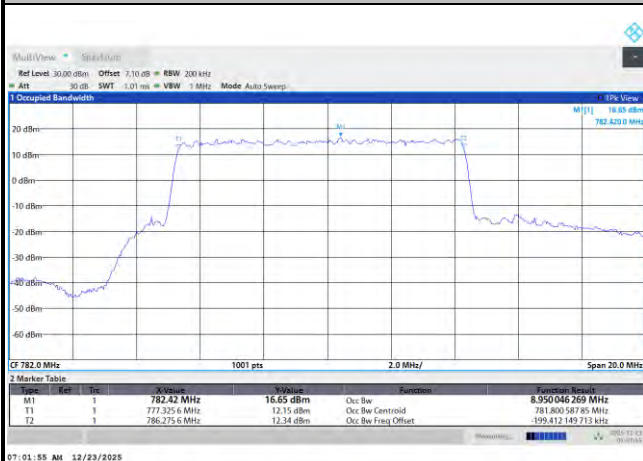
PI/2 BPSK

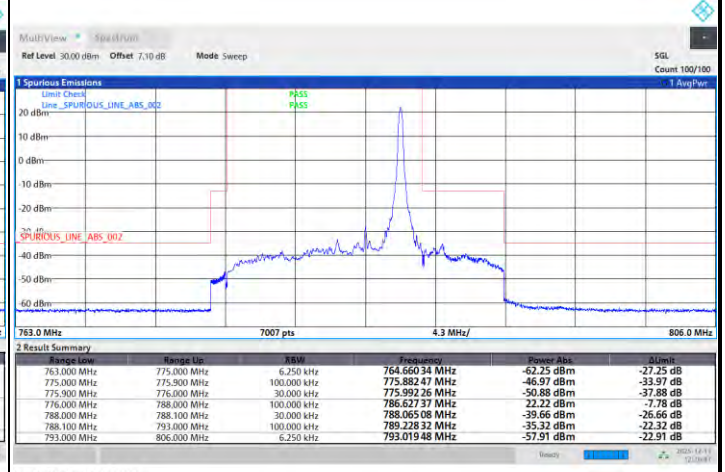
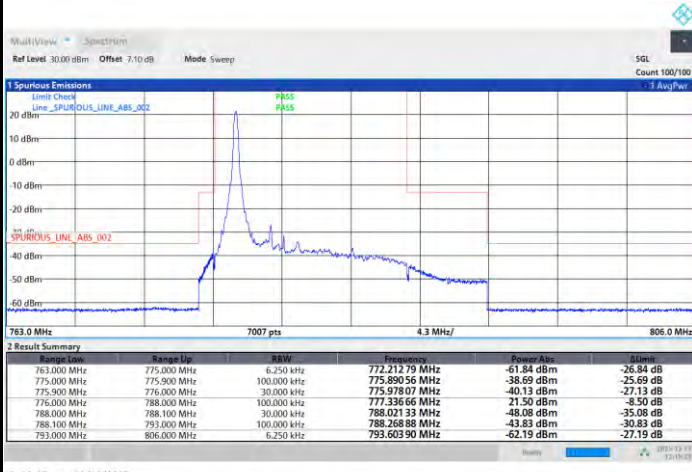
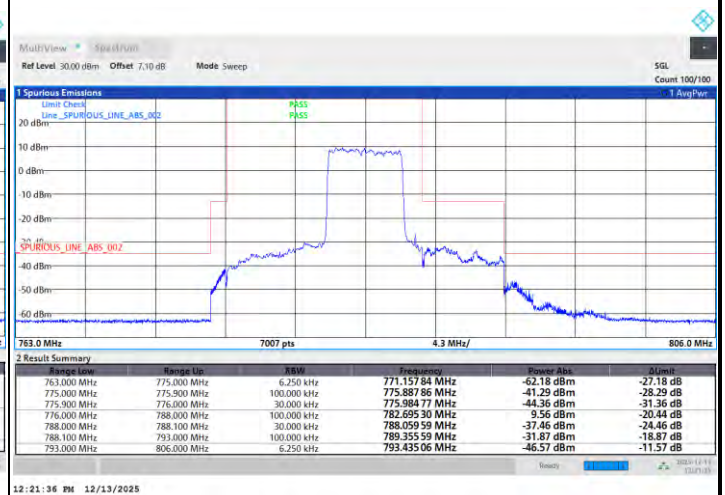
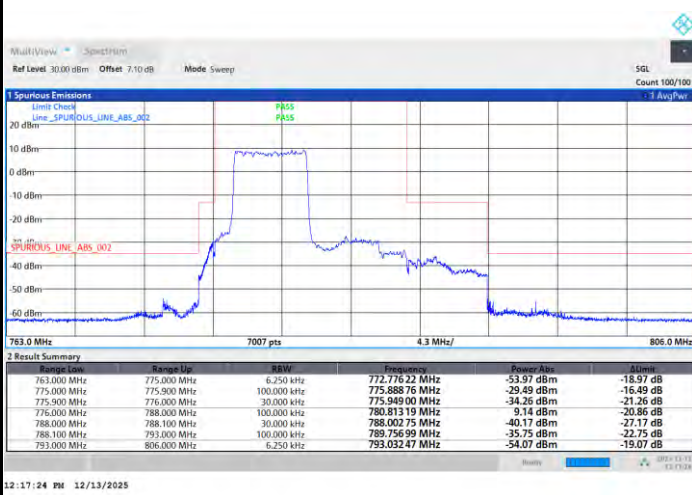


QPSK



16QAM



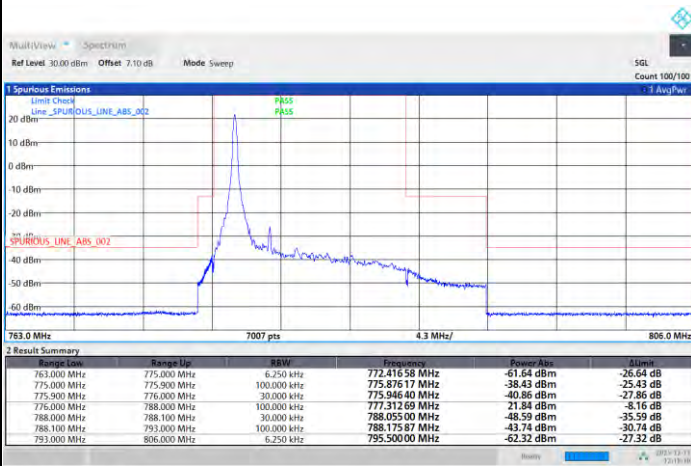
**Conducted Band Edge****FR1 n13 / 5MHz / DFT-S OFDM / PI/2 BPSK****Lowest Band Edge / 1RB0****Highest Band Edge / 1RBmax****Lowest Band Edge / Full RB****Highest Band Edge / Full RB**



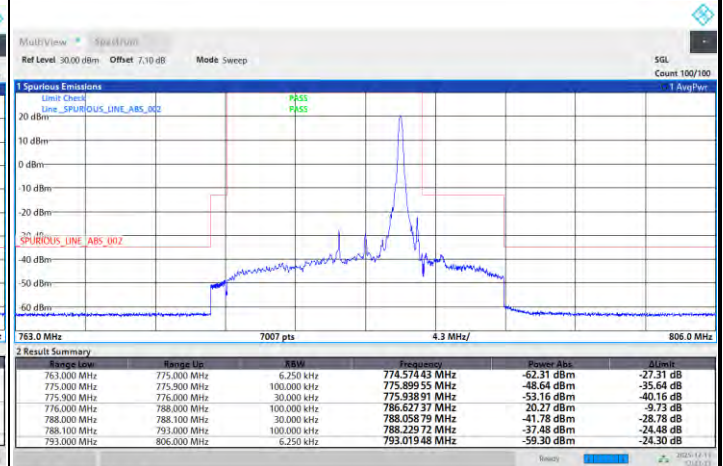
FR1 n13 / 5MHz / DFT-S OFDM / QPSK

Lowest Band Edge / 1RB0

Highest Band Edge / 1RBmax



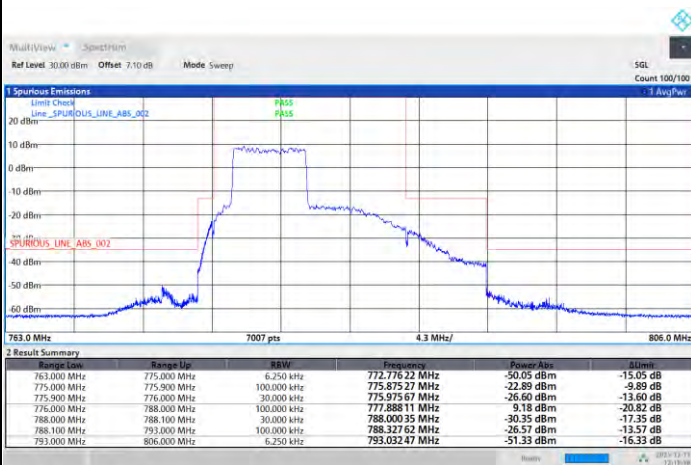
12:11:11 PM 12/13/2025



12:22:23 PM 12/13/2025

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



12:18:57 PM 12/13/2025

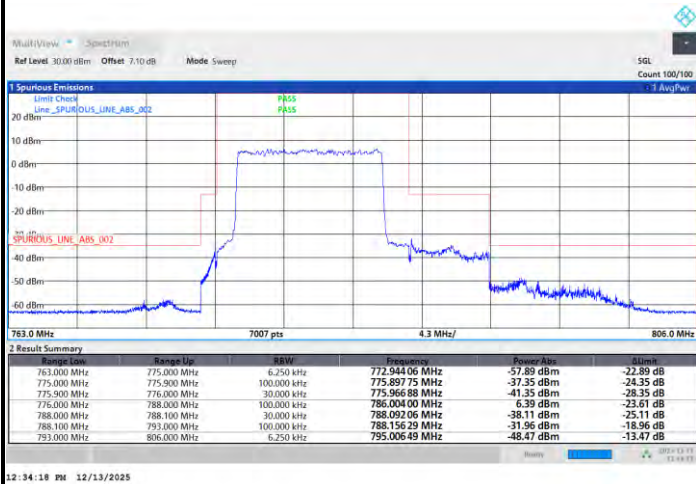


02:31:45 PM 12/13/2025



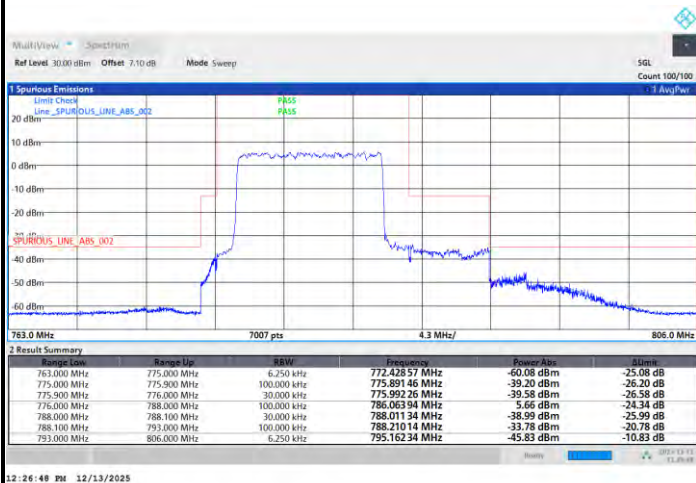
FR1 n13 / 10MHz / DFT-s-OFDM / PI/2 BPSK

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	0.0036	2.8	Yes	PASS
40	Normal Voltage	0.0026	2	Yes	
30	Normal Voltage	0.0086	6.7	Yes	
20(Ref.)	Normal Voltage	0.0000	0	Yes	
10	Normal Voltage	0.0072	5.6	Yes	
0	Normal Voltage	0.0110	8.6	Yes	
-10	Normal Voltage	0.0009	-0.7	Yes	
-20	Normal Voltage	0.0070	5.5	Yes	
-30	Normal Voltage	0.0063	4.9	Yes	
20	Maximum Voltage	0.0106	8.3	Yes	
20	Normal Voltage	0.0210	16.4	Yes	
20	Minimum Voltage	0.0070	5.5	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.

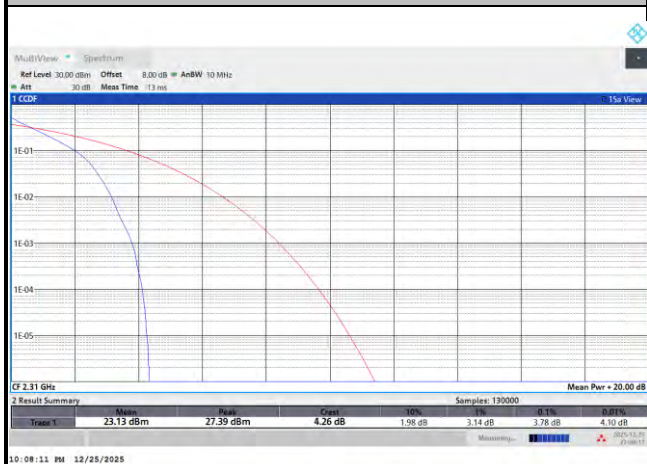
**FR1 n30****<SISO Mode>****Peak-to-Average Ratio**

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	3.78	4.98	5.94	6.32	PASS
Mode	FR1 n30 / 10MHz / DFT-S OFDM				
Mod.	256QAM				Limit: 13dB
RB Size	Full RB				Result
Middle CH	6.38				PASS



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

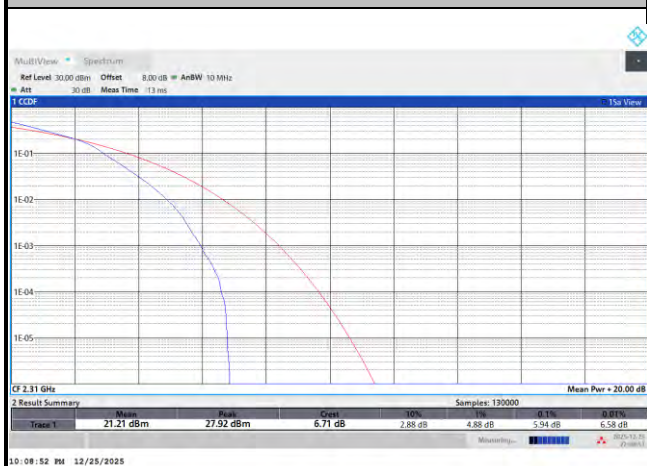
PI/2 BPSK



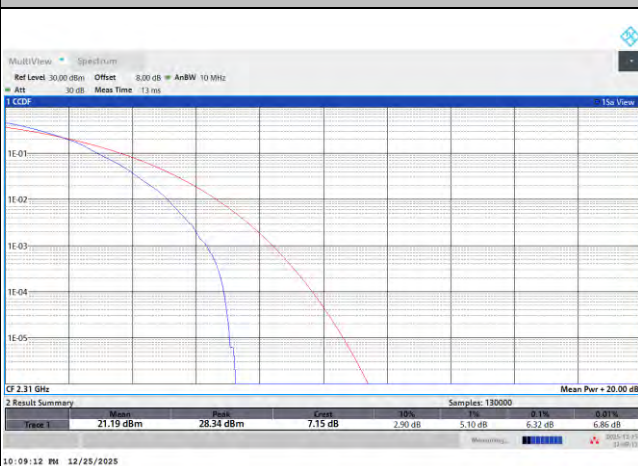
QPSK



16QAM



64QAM

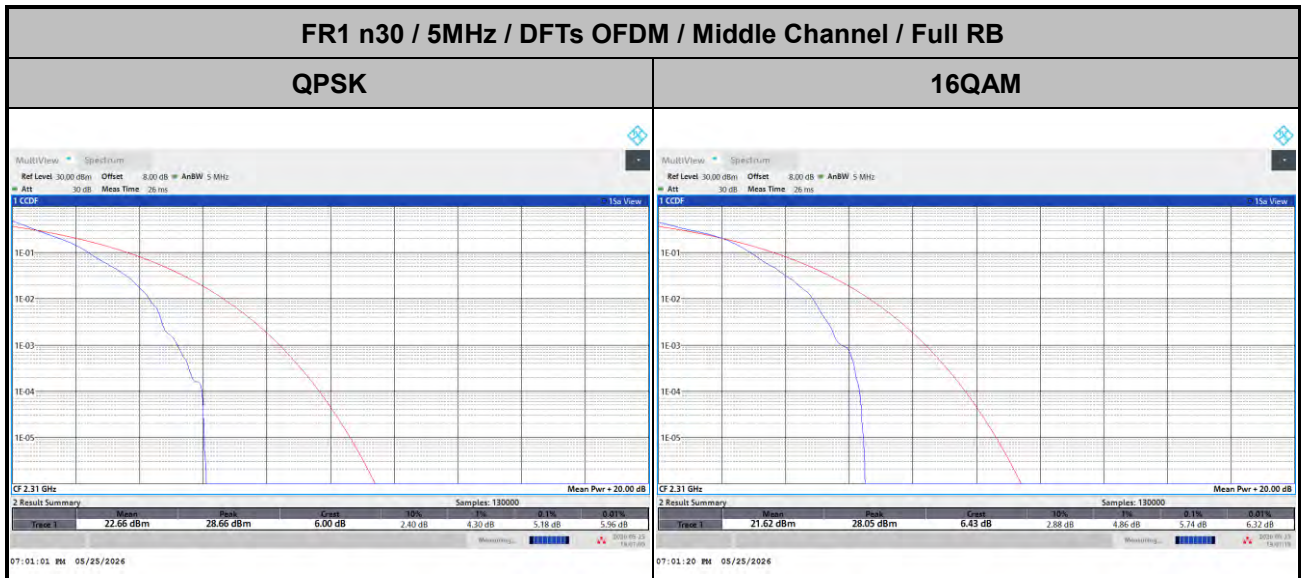


256QAM





Mode	FR1 n30 / 5MHz / DFT-S OFDM		
Mod.	QPSK	16QAM	Limit: 13dB
RB Size	Full RB	Full RB	Result
Middle CH	5.18	5.74	PASS



**26dB Bandwidth**

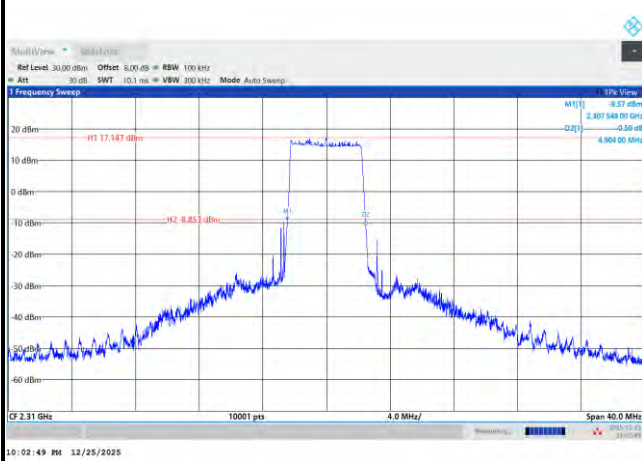
Mode	FR1 n30 : 26dB BW(MHz) / DFT-S OFDM							
BW	5MHz		10MHz					
Mod.	PI/2 BPSK		PI/2 BPSK					
Middle CH	4.90		9.59					

Mode	FR1 n30 : 26dB BW(MHz) / CP OFDM							
BW	5MHz		10MHz					
Mod.	QPSK	16QAM	QPSK	16QAM				
Middle CH	5.21	4.92	9.62	9.53				



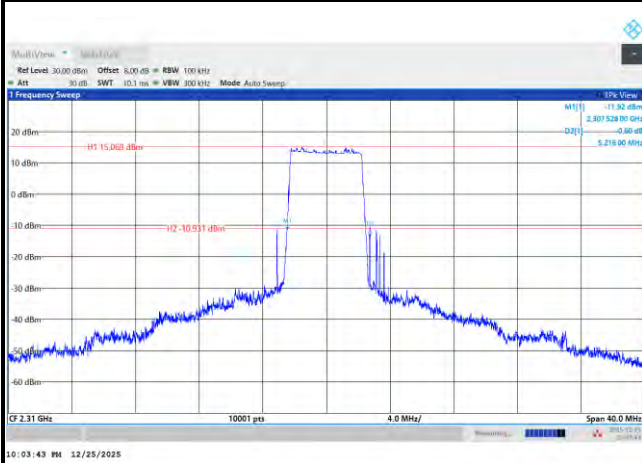
FR1 n30 / 5MHz / DFT-S OFDM / Middle Channel / Full RB

PI/2 BPSK

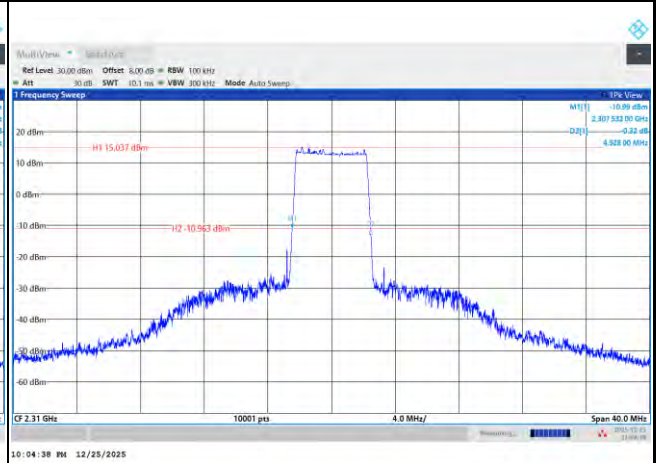


FR1 n30 / 5MHz / DFT-S OFDM / Middle Channel / Full RB

QPSK



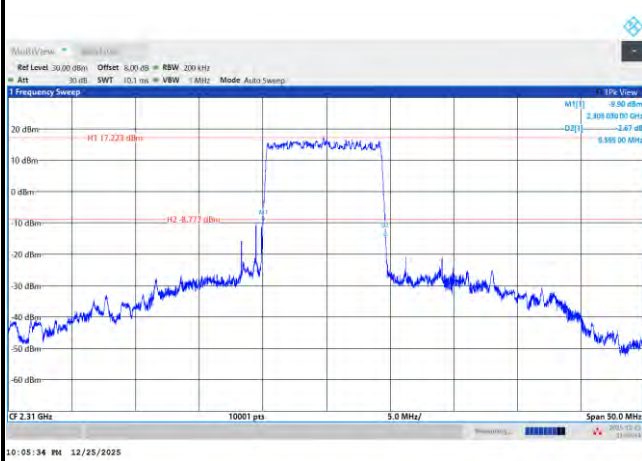
16QAM





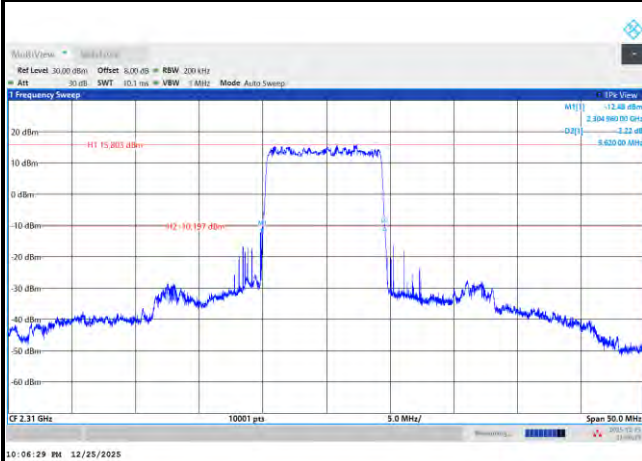
FR1 n30 / 10MHz / DFT-S OFDM / Middle Channel / Full RB

PI/2 BPSK

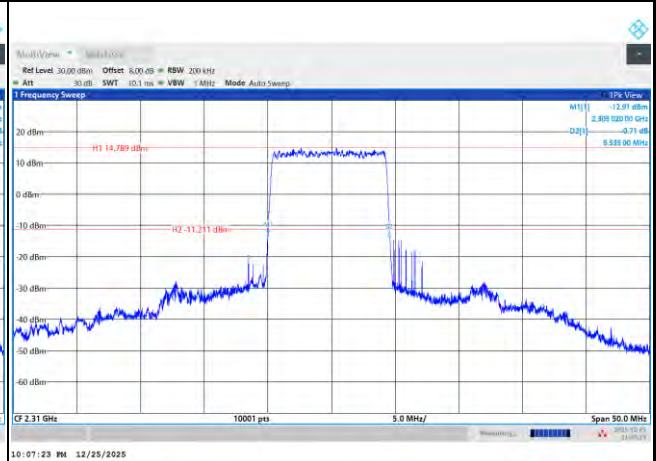


FR1 n30 / 10MHz / DFT-S OFDM / Middle Channel / Full RB

QPSK



16QAM



**Occupied Bandwidth**

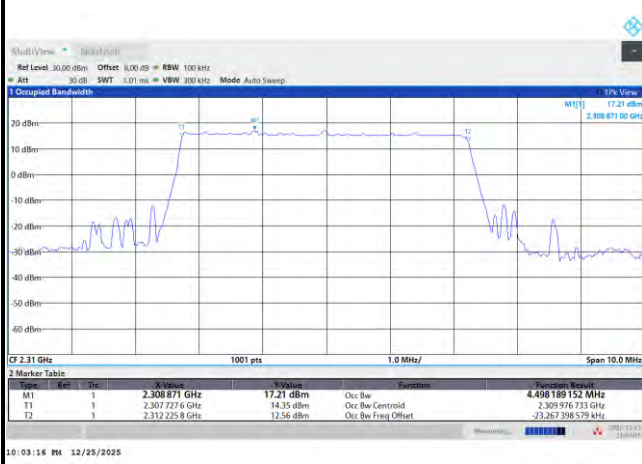
Mode	FR1 n30 : 99%OBW(MHz) / DFT-S OFDM							
BW	5MHz		10MHz					
Mod.	PI/2 BPSK		PI/2 BPSK					
Middle CH	4.49		8.99					

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



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

PI/2 BPSK



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

QPSK



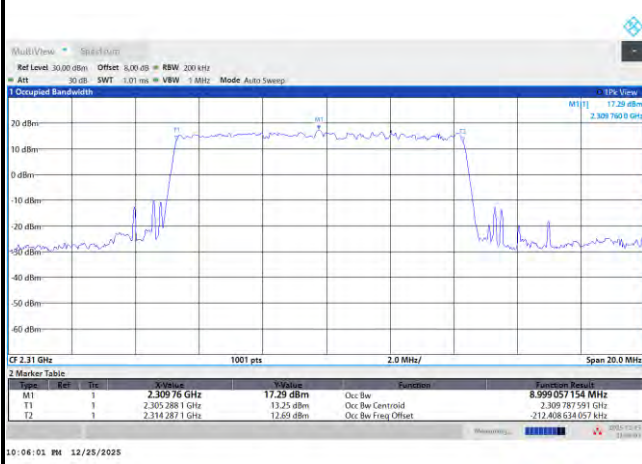
16QAM





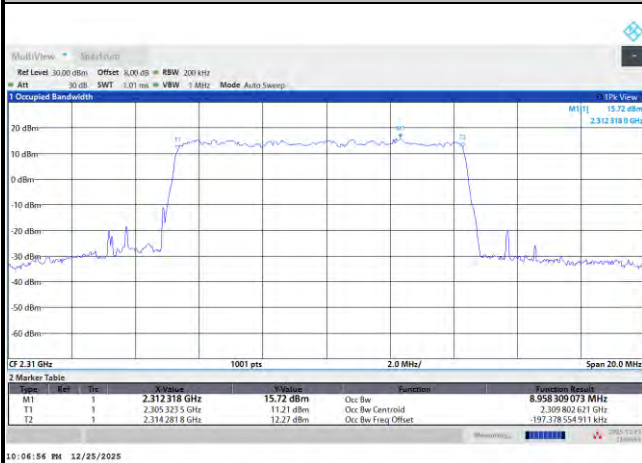
FR1 n30 / 10MHz / DFT-S OFDM / Middle Channel / Full RB

PI/2 BPSK

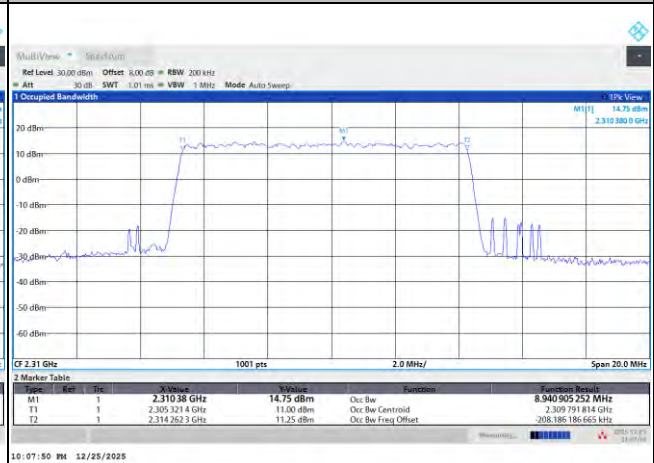


FR1 n30 / 10MHz / DFT-S OFDM / Middle Channel / Full RB

QPSK



16QAM



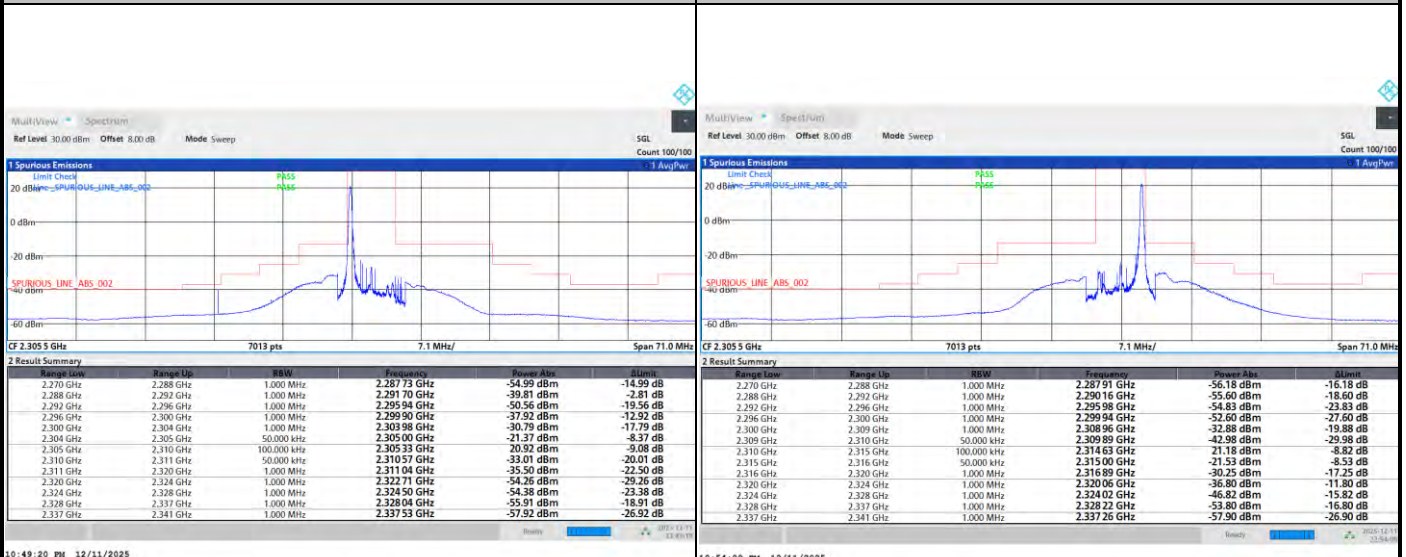


Conducted Band Edge

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

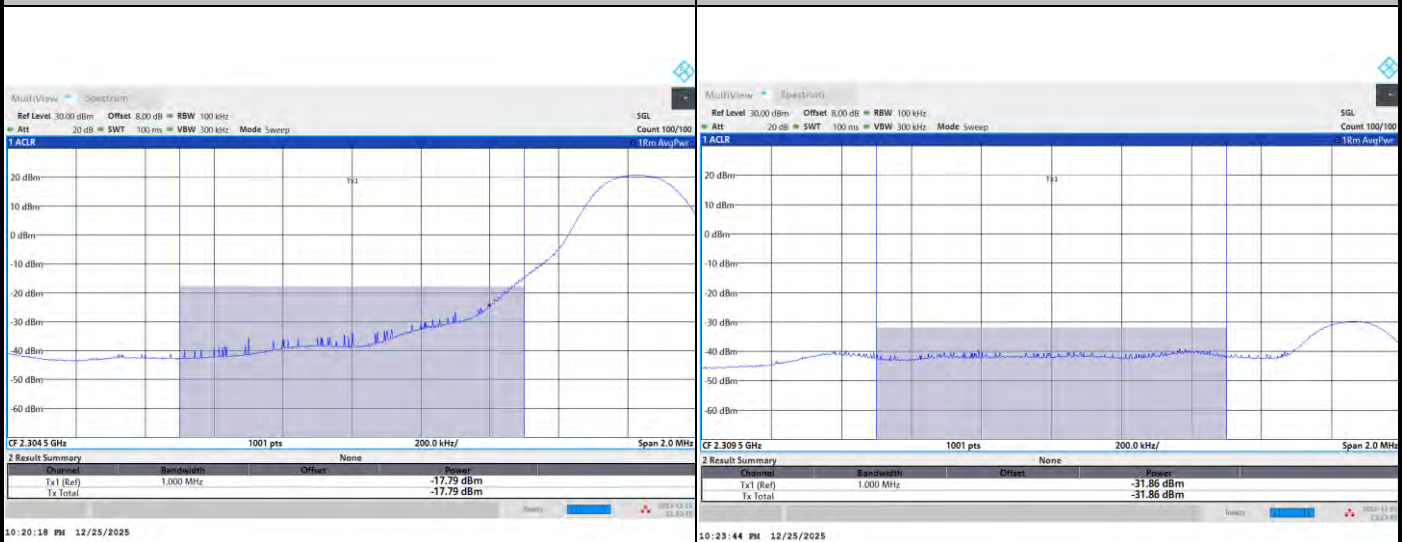
Lowest Band Edge / 1RB0

Highest Band Edge / 1RBmax



Lowest Band Edge / 1 RB / Lower zoom in

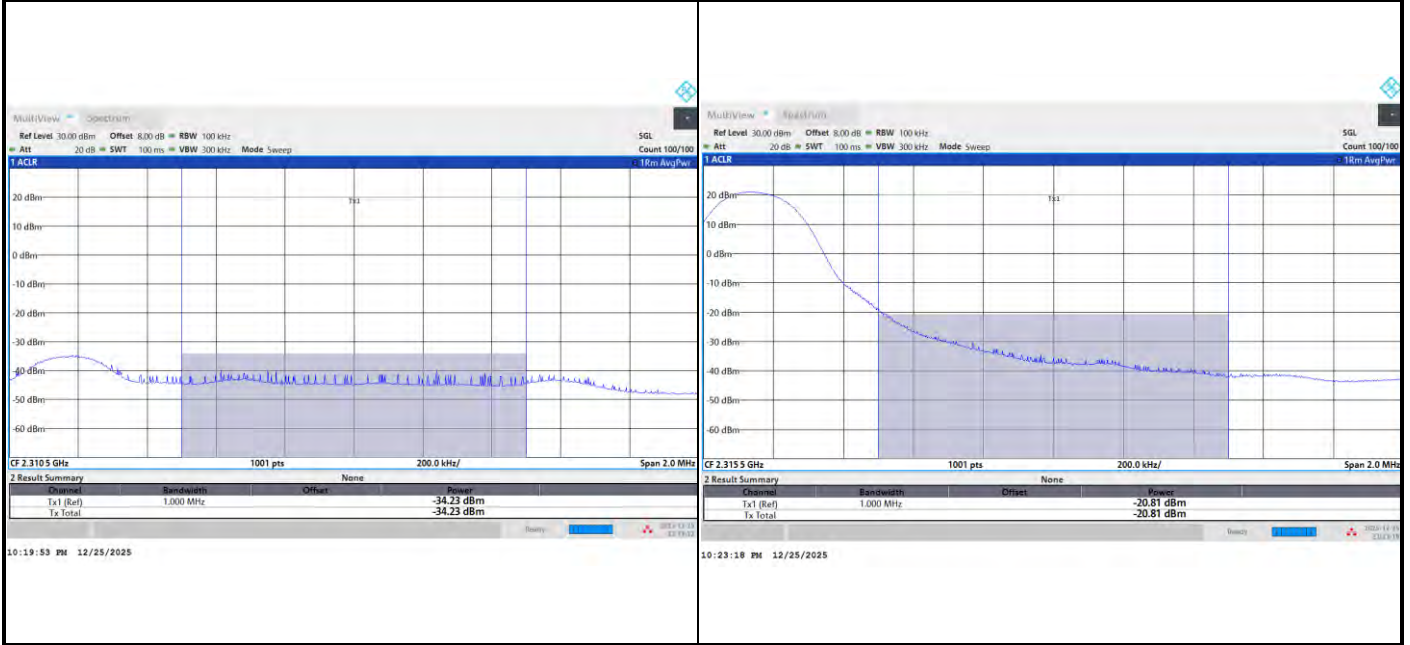
Highest Band Edge / 1 RB / Lower zoom in





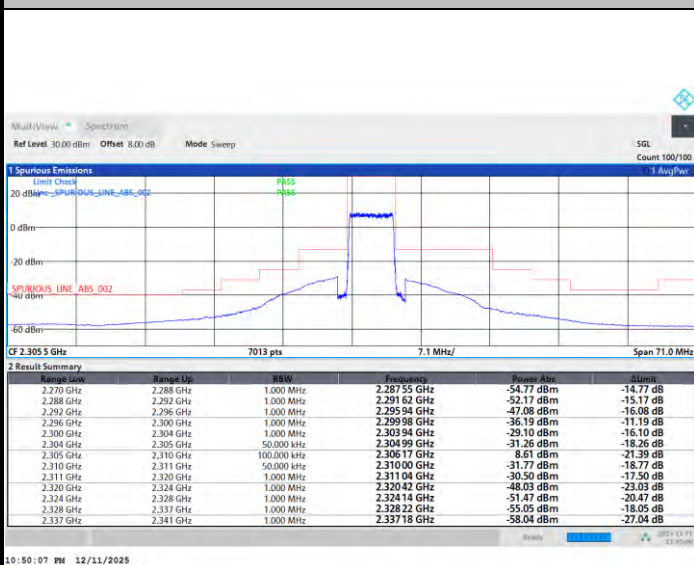
Lowest Band Edge / 1 RB / Upper zoom in

Highest Band Edge / 1 RB / Upper zoom in



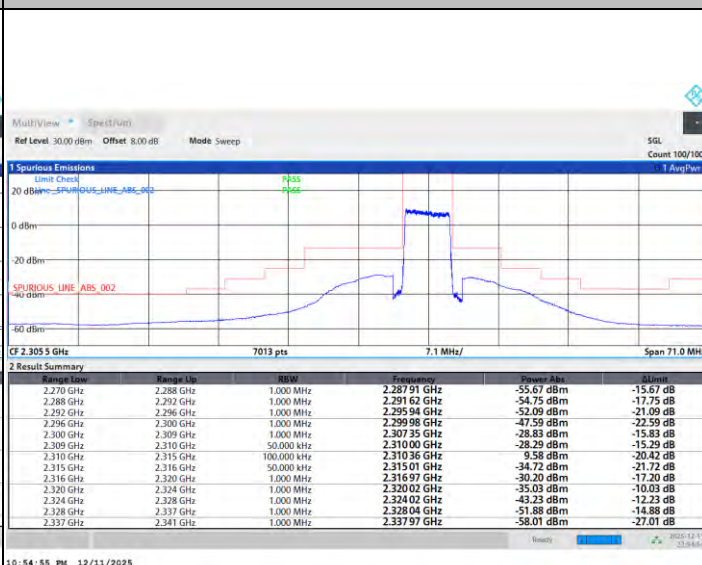


Lowest Band Edge / Full RB



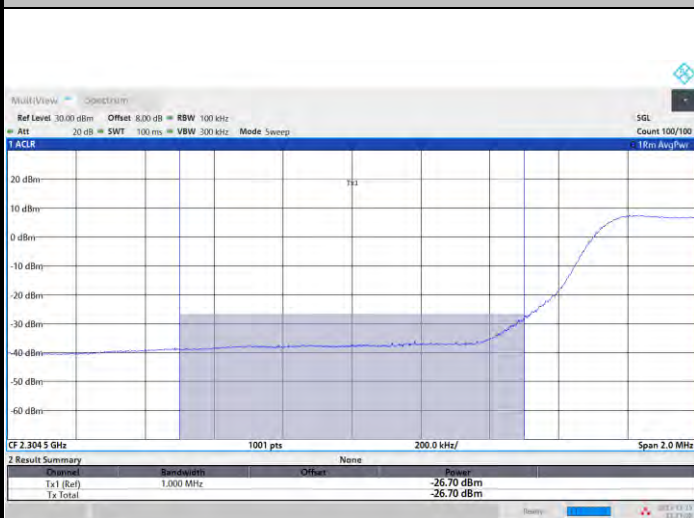
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Highest Band Edge / Full RB



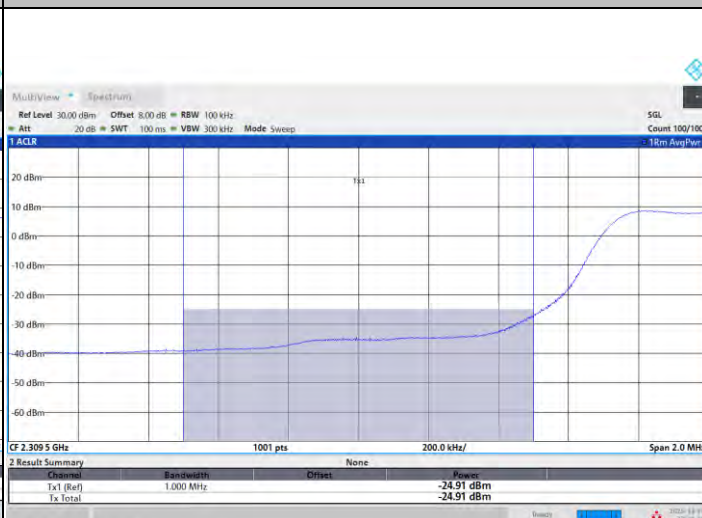
10:54:55 PM 12/11/2025

Lowest Band Edge / Full RB / Lower zoom in

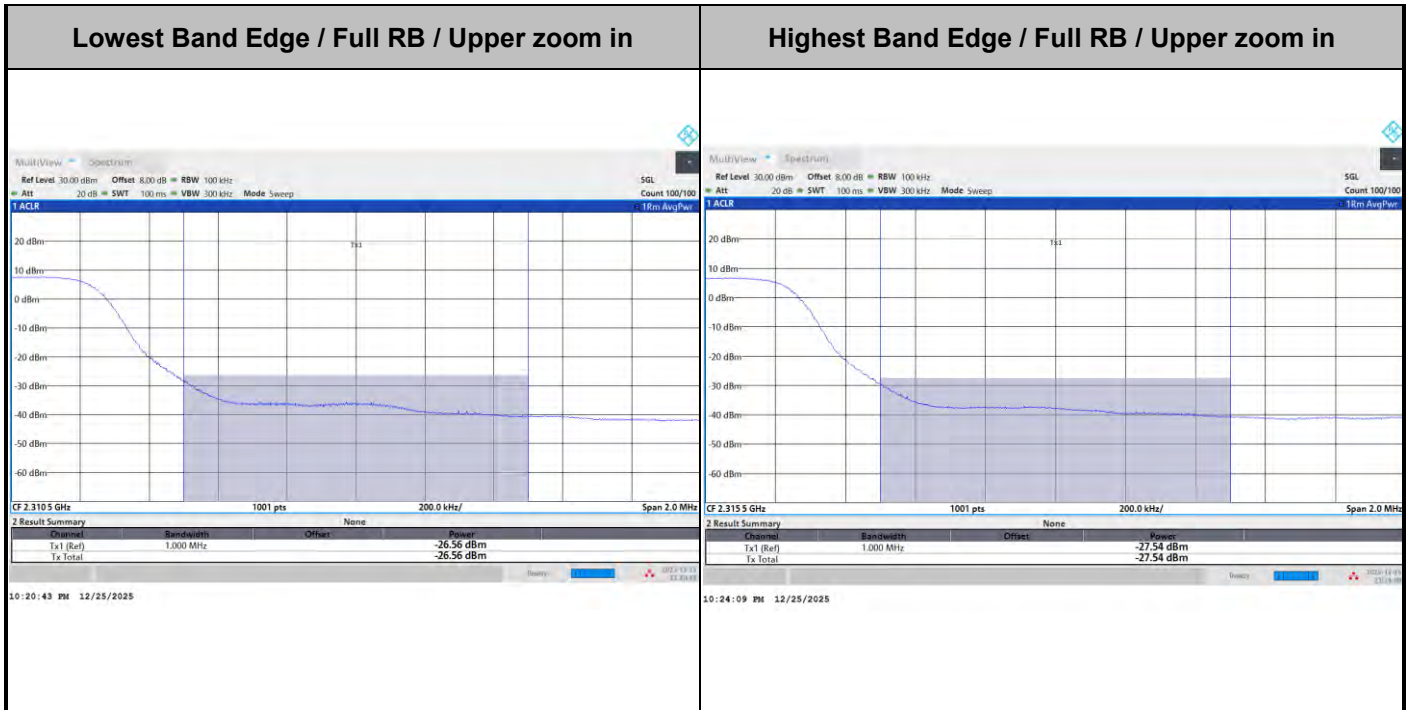


10:21:09 PM 12/25/2025

Highest Band Edge / Full RB / Lower zoom in



10:24:34 PM 12/25/2025

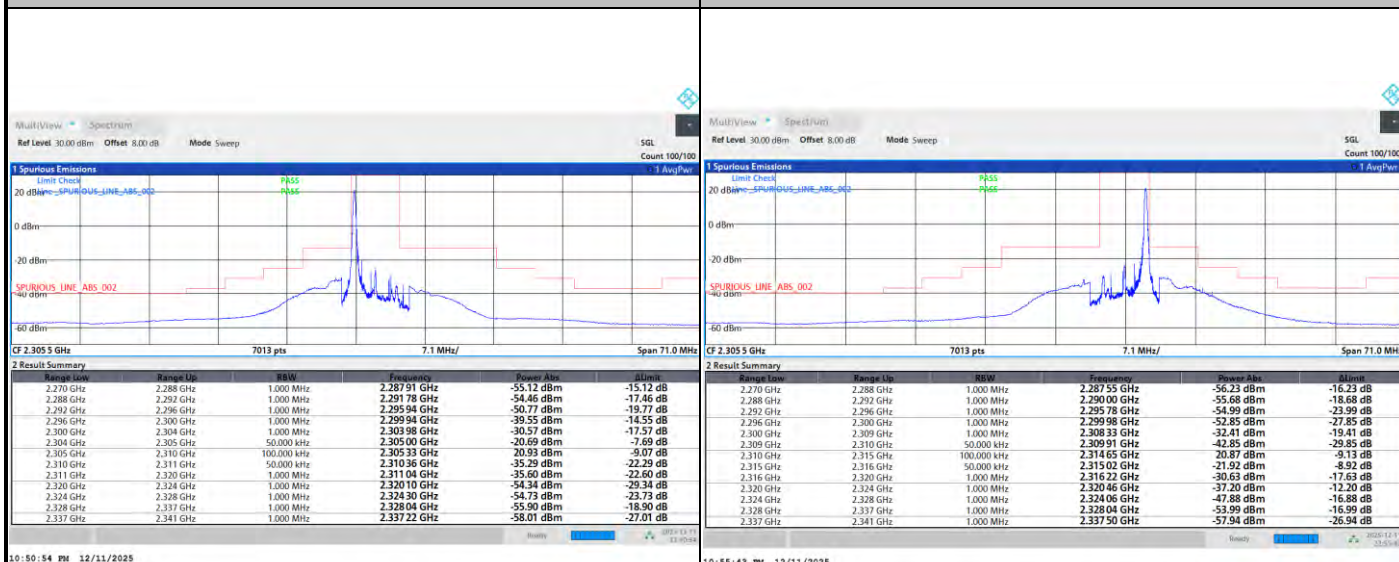




FR1 n30 / 5MHz / DFT-S OFDM / QPSK

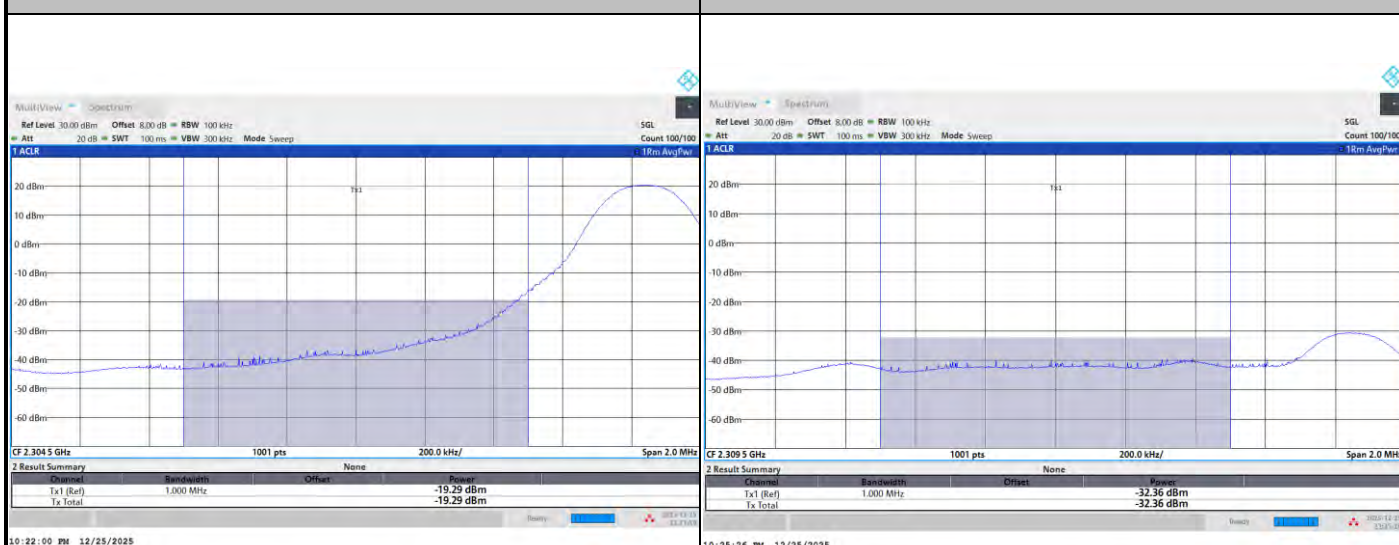
Lowest Band Edge / 1RB0

Highest Band Edge / 1RBmax



Lowest Band Edge / 1 RB / Lower zoom in

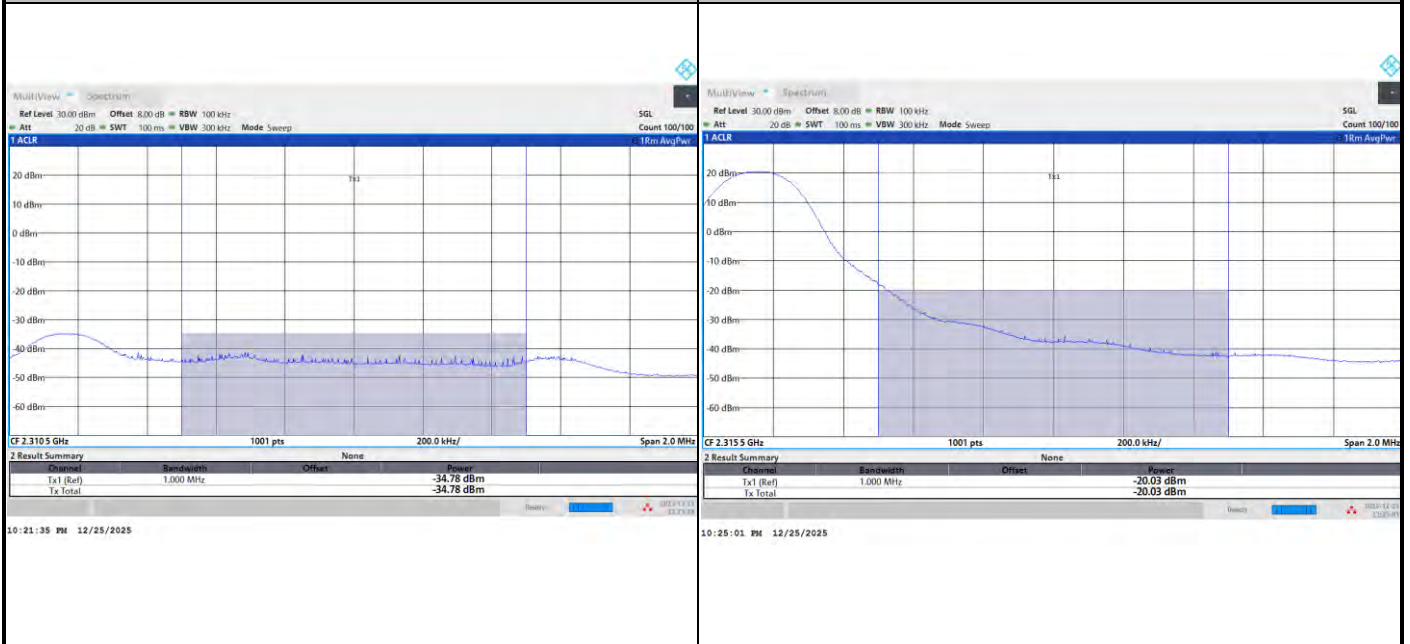
Highest Band Edge / 1 RB / Lower zoom in





Lowest Band Edge / 1 RB / Upper zoom in

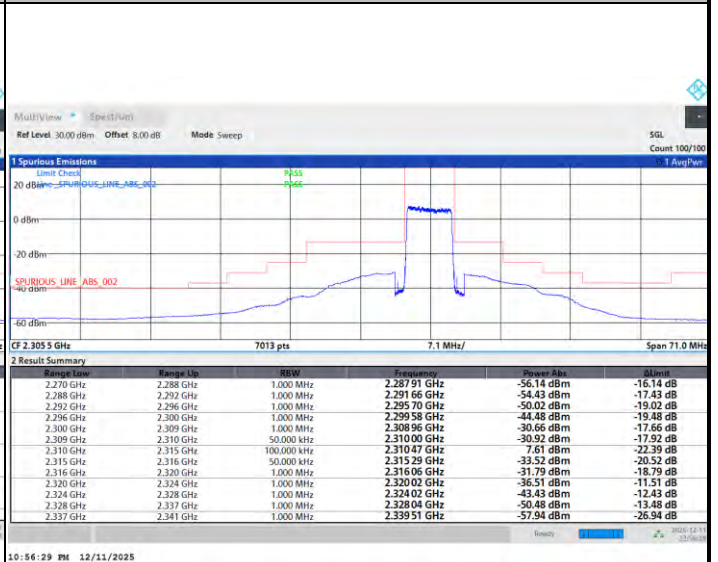
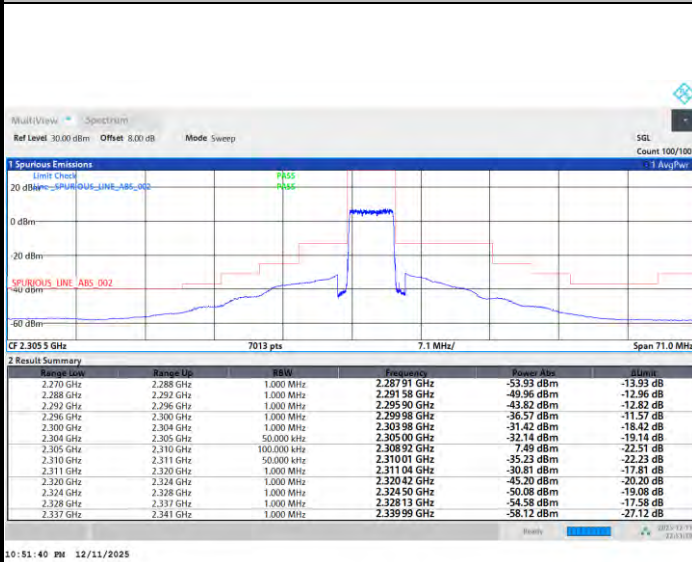
Highest Band Edge / 1 RB / Upper zoom in





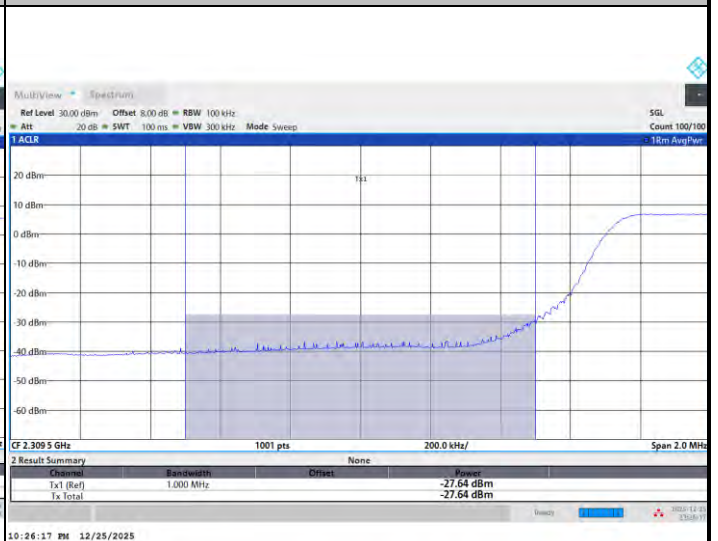
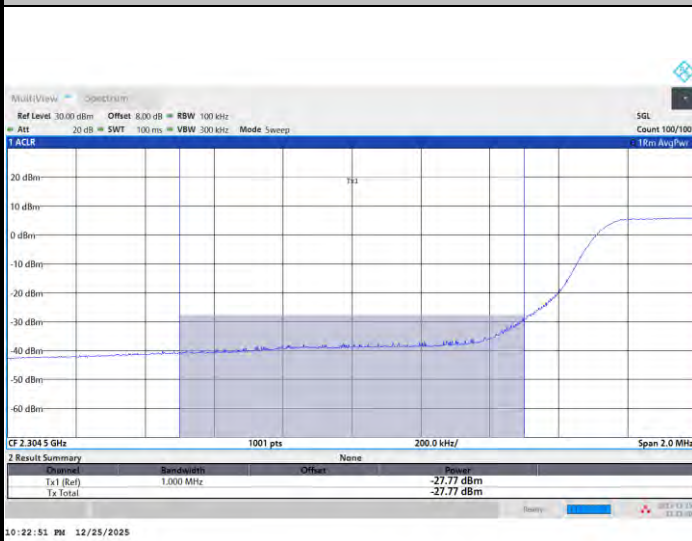
Lowest Band Edge / Full RB

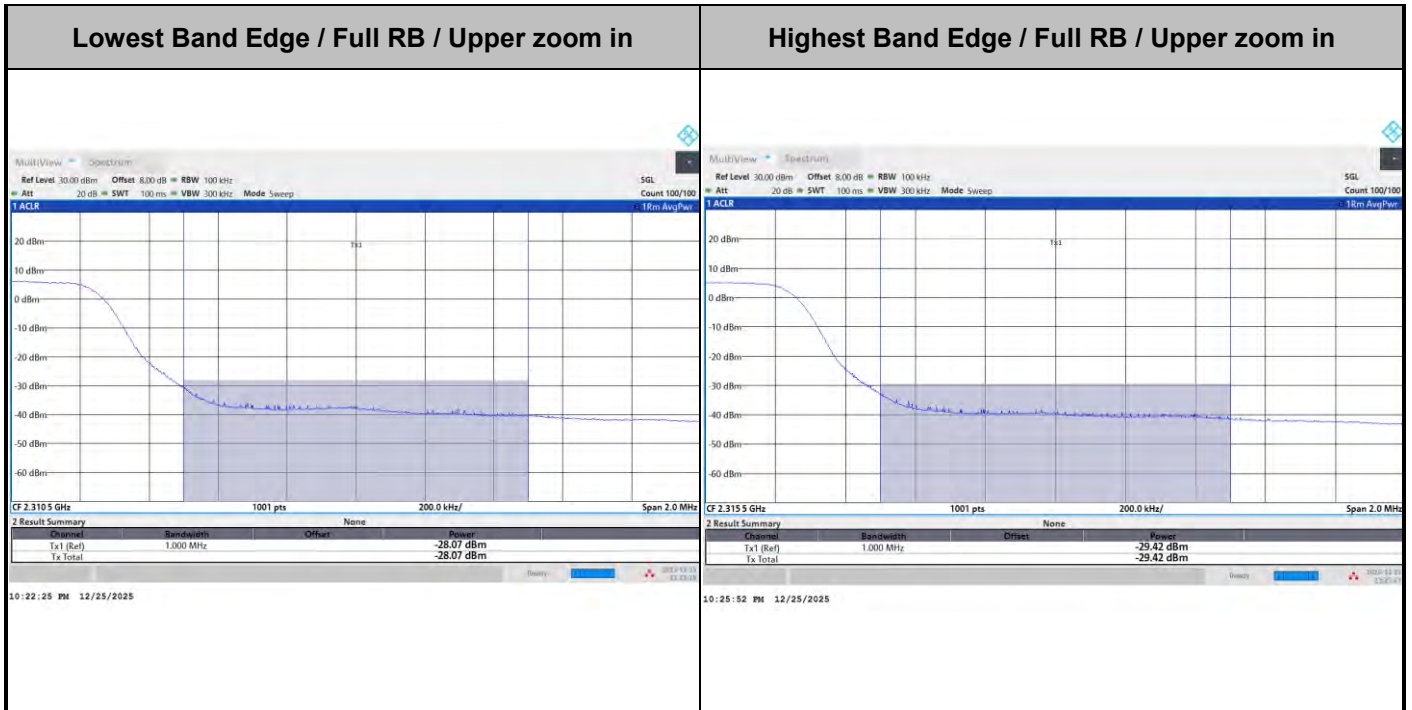
Highest Band Edge / Full RB



Lowest Band Edge / Full RB / Lower zoom in

Highest Band Edge / Full RB / Lower zoom in

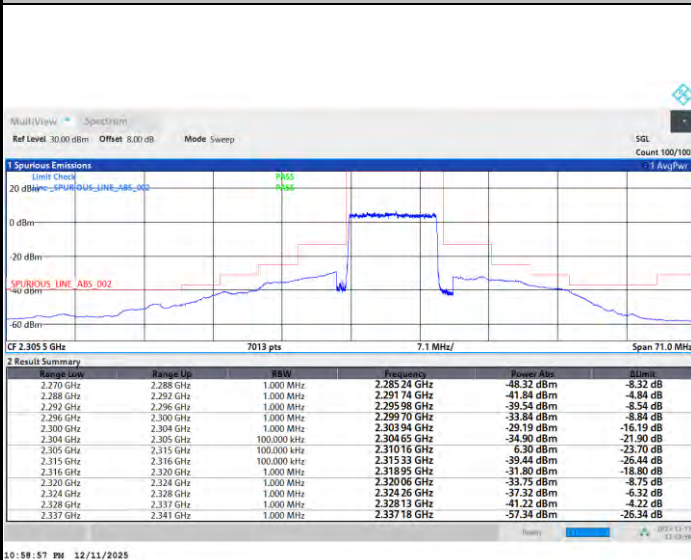




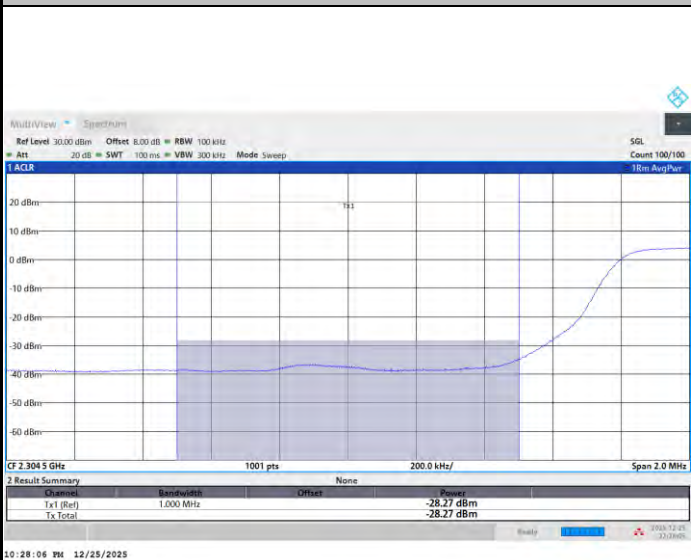


FR1 n30 / 10MHz / DFT-s-OFDM / PI/2 BPSK

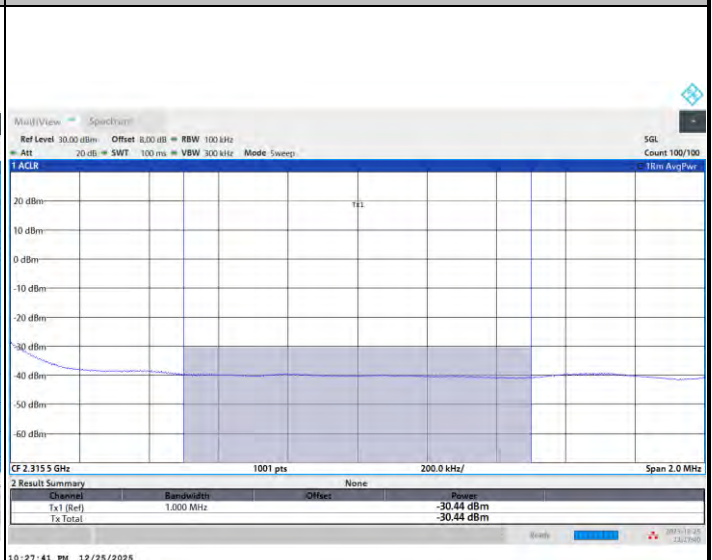
Middle Band Edge / Full RB



Middle Band Edge / Full RB / Lower zoom in



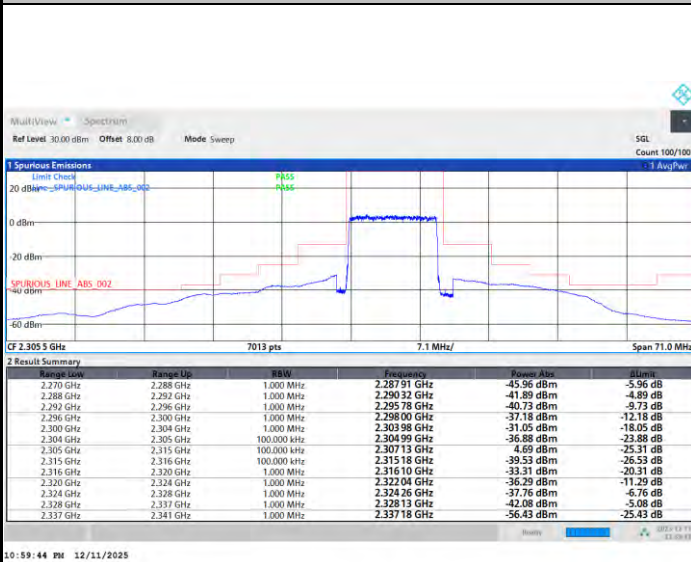
Middle Band Edge / Full RB / Upper zoom in



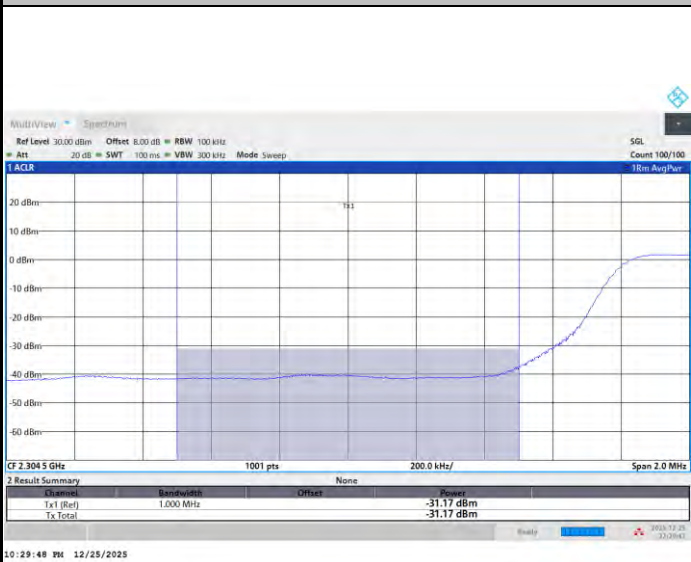


FR1 n30 / 10MHz / DFT-s-OFDM / QPSK

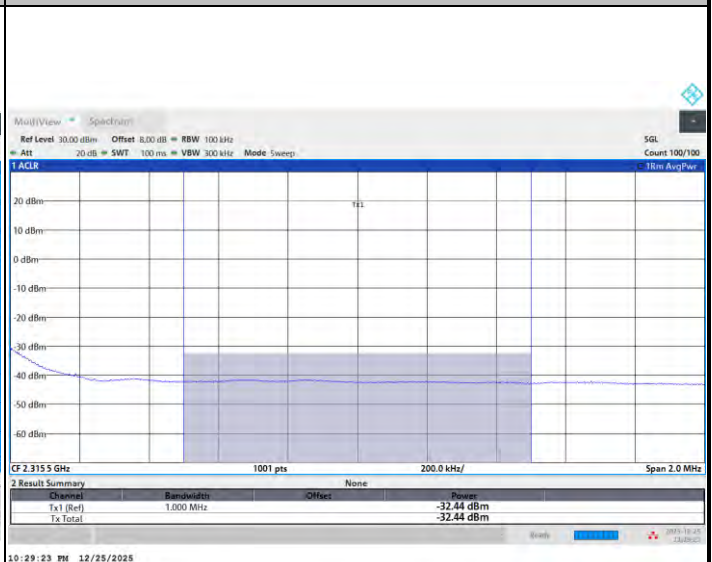
Middle Band Edge / Full RB



Middle Band Edge / Full RB / Lower zoom in



Middle Band Edge / Full RB / Upper zoom in

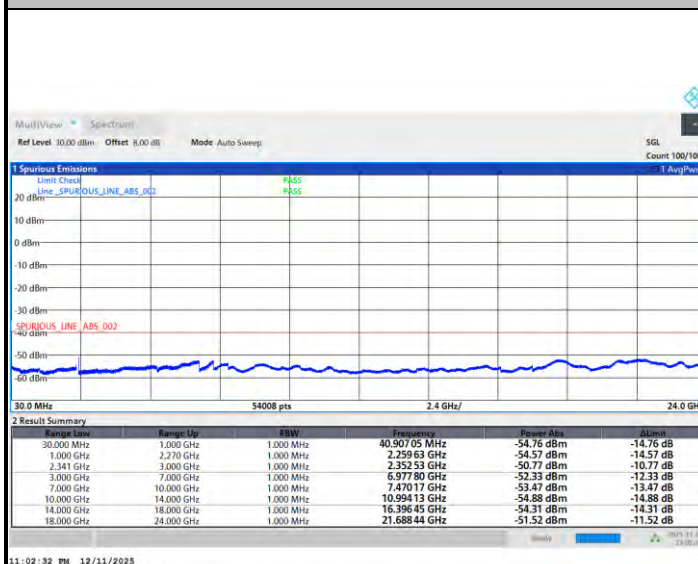




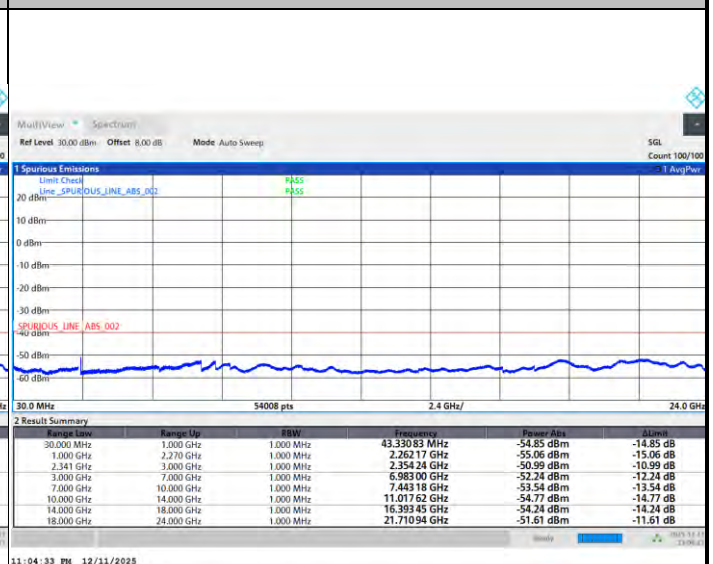
Conducted Spurious Emission

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

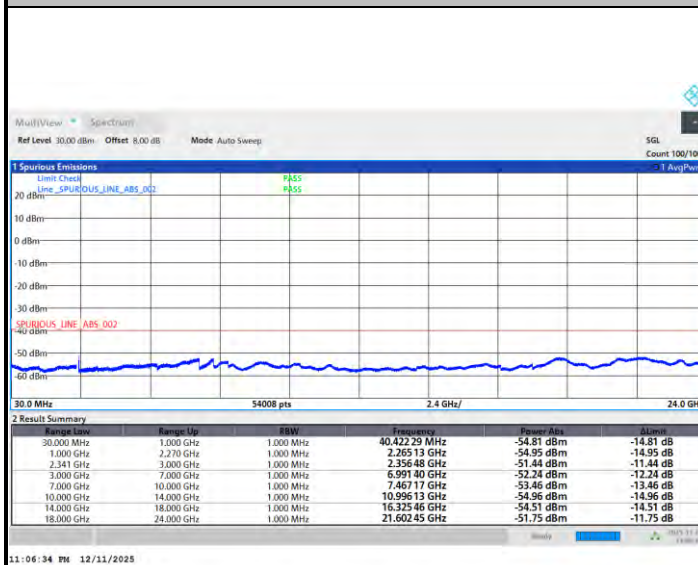
Lowest Channel



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	0.0035	-8.2	Yes	PASS
40	Normal Voltage	0.0012	-2.8	Yes	
30	Normal Voltage	0.0005	-1.2	Yes	
20(Ref.)	Normal Voltage	0.0000	0	Yes	
10	Normal Voltage	0.0039	9.1	Yes	
0	Normal Voltage	0.0014	3.3	Yes	
-10	Normal Voltage	0.0045	10.3	Yes	
-20	Normal Voltage	0.0008	1.8	Yes	
-30	Normal Voltage	0.0010	-2.4	Yes	
20	Maximum Voltage	0.0013	-2.9	Yes	
20	Normal Voltage	0.0024	5.6	Yes	
20	Minimum Voltage	0.0012	-2.8	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	4.02	5.20	5.88	6.20	PASS
Mode	FR1 n41 / 20MHz / DFT-S OFDM				
Mod.	256QAM				Limit: 13dB
RB Size	Full RB				Result
Middle CH	6.78				PASS

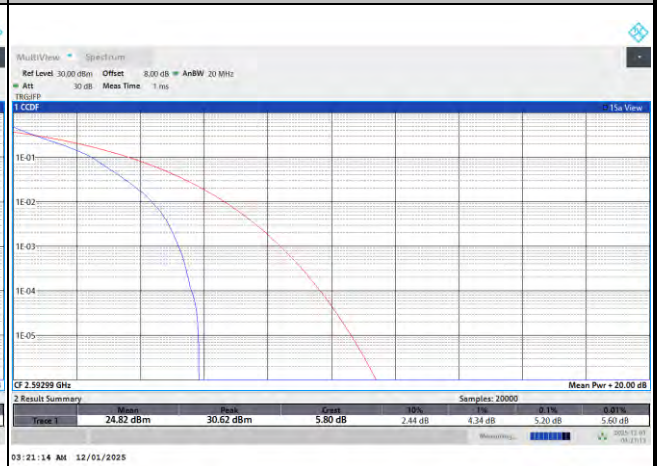


FR1 n41 / 20MHz / DFT-S OFDM / Middle Channel / Full RB

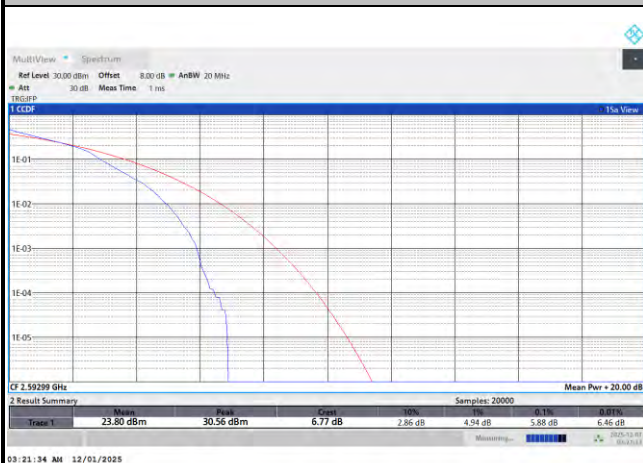
PI/2 BPSK



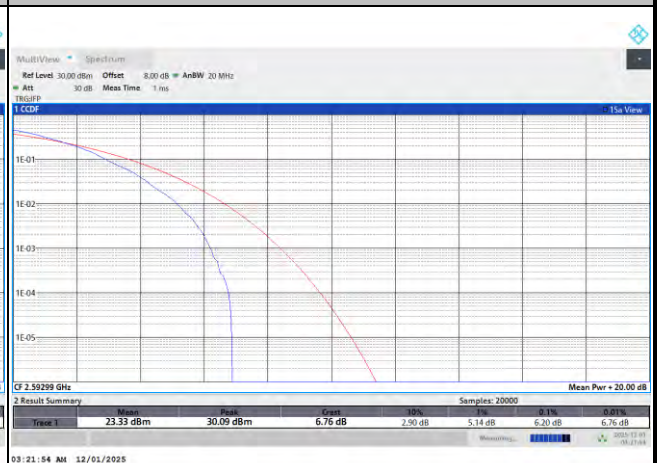
QPSK



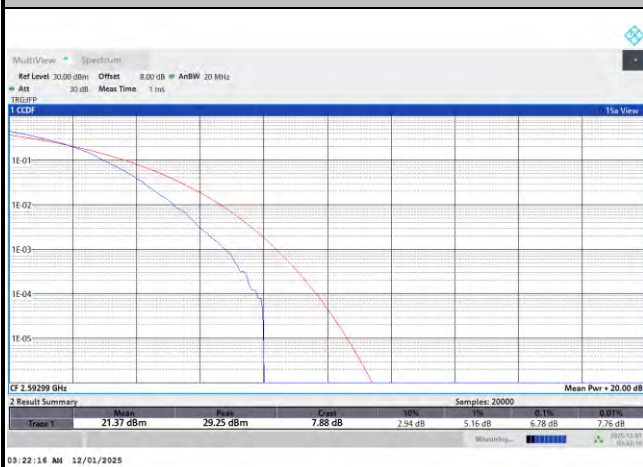
16QAM



64QAM



256QAM





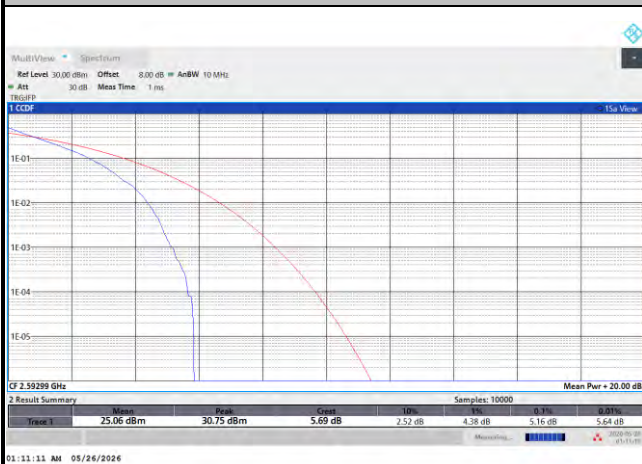
Mode	FR1 n41 / 10MHz / DFT-S OFDM		
Mod.	QPSK	16QAM	Limit: 13dB
RB Size	Full RB	Full RB	Result
Middle CH	5.16	5.92	PASS
Mode	FR1 n41 / 15MHz / DFT-S OFDM		
Mod.	QPSK	16QAM	Limit: 13dB
RB Size	Full RB	Full RB	Result
Middle CH	5.24	5.84	PASS
Mode	FR1 n41 / 25MHz / DFT-S OFDM		
Mod.	QPSK	16QAM	Limit: 13dB
RB Size	Full RB	Full RB	Result
Middle CH	5.04	5.72	PASS
Mode	FR1 n41 / 30MHz / DFT-S OFDM		
Mod.	QPSK	16QAM	Limit: 13dB
RB Size	Full RB	Full RB	Result
Middle CH	5.22	6.00	PASS
Mode	FR1 n41 / 40MHz / DFT-S OFDM		
Mod.	QPSK	16QAM	Limit: 13dB
RB Size	Full RB	Full RB	Result
Middle CH	5.08	6.00	PASS
Mode	FR1 n41 / 50MHz / DFT-S OFDM		
Mod.	QPSK	16QAM	Limit: 13dB
RB Size	Full RB	Full RB	Result
Middle CH	4.94	5.80	PASS



Mode	FR1 n41 / 60MHz / DFT-S OFDM		
Mod.	QPSK	16QAM	Limit: 13dB
RB Size	Full RB	Full RB	Result
Middle CH	5.32	5.86	PASS
Mode	FR1 n41 / 70MHz / DFT-S OFDM		
Mod.	QPSK	16QAM	Limit: 13dB
RB Size	Full RB	Full RB	Result
Middle CH	5.20	5.96	PASS
Mode	FR1 n41 / 80MHz / DFT-S OFDM		
Mod.	QPSK	16QAM	Limit: 13dB
RB Size	Full RB	Full RB	Result
Middle CH	5.18	6.10	PASS
Mode	FR1 n41 / 90MHz / DFT-S OFDM		
Mod.	QPSK	16QAM	Limit: 13dB
RB Size	Full RB	Full RB	Result
Middle CH	5.12	5.92	PASS
Mode	FR1 n41 / 100MHz / DFT-S OFDM		
Mod.	QPSK	16QAM	Limit: 13dB
RB Size	Full RB	Full RB	Result
Middle CH	4.98	5.70	PASS

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

QPSK



16QAM

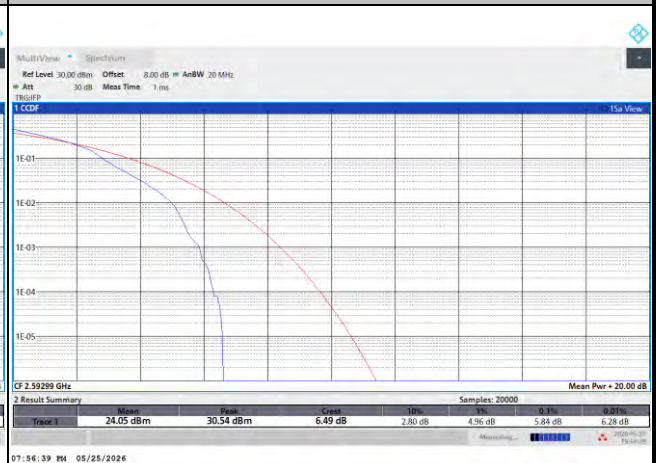


FR1 n41 / 15MHz / DFTs OFDM / Middle Channel / Full RB

QPSK

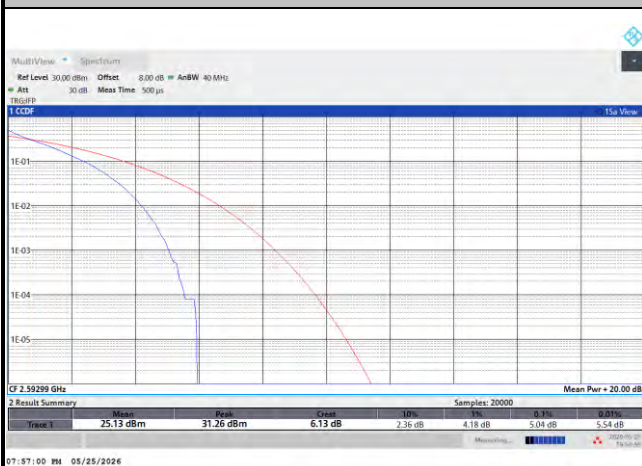


16QAM



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

QPSK

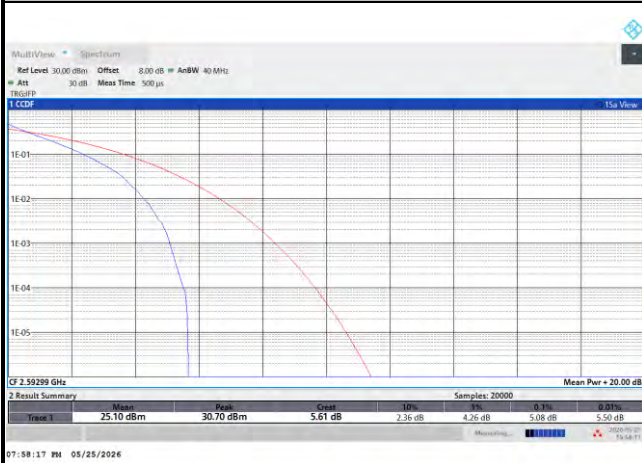


16QAM



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

16QAM

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

16QAM

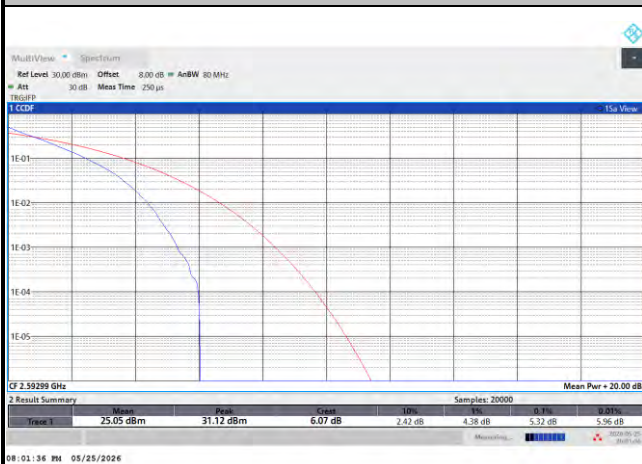
FR1 n41 / 50MHz / DFTs OFDM / Middle Channel / Full RB
QPSK

16QAM




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

QPSK

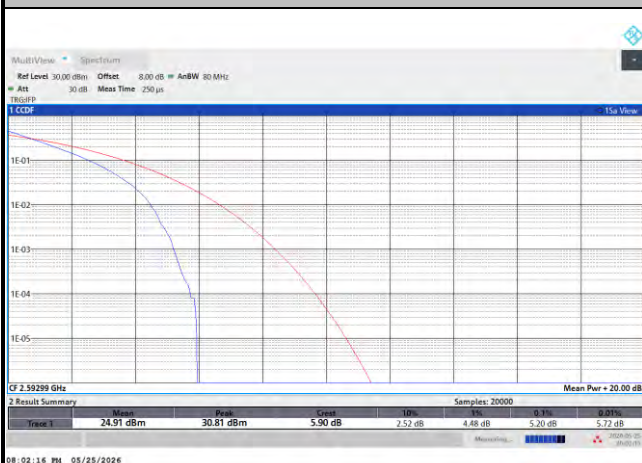


16QAM

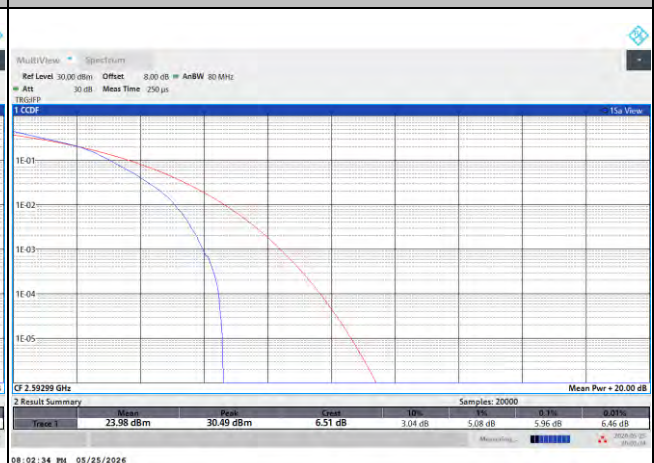


FR1 n41 / 70MHz / DFTs OFDM / Middle Channel / Full RB

QPSK

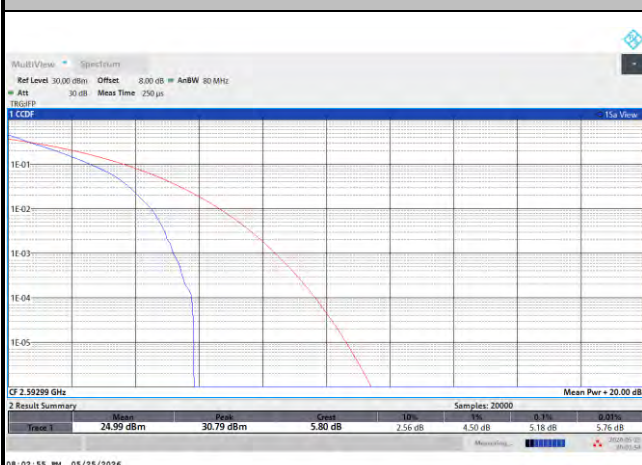


16QAM



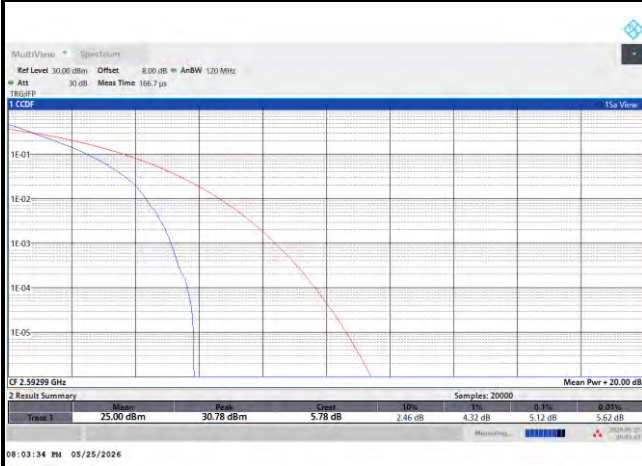
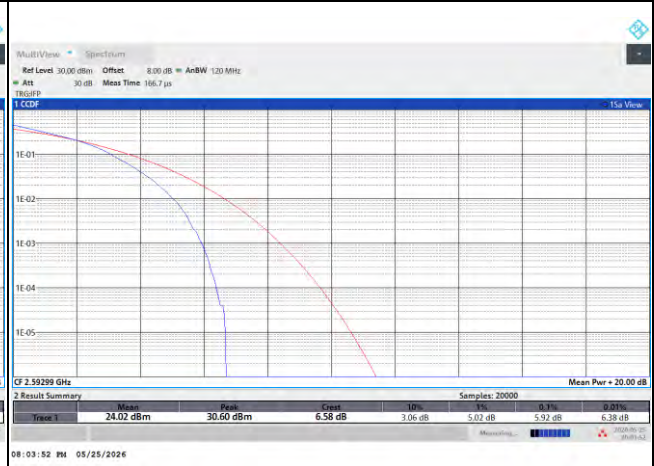
FR1 n41 / 80MHz / DFTs OFDM / Middle Channel / Full RB

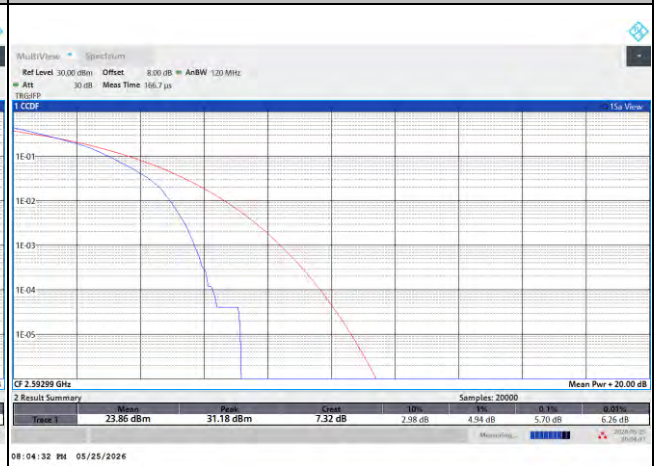
QPSK



16QAM



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

16QAM

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

16QAM


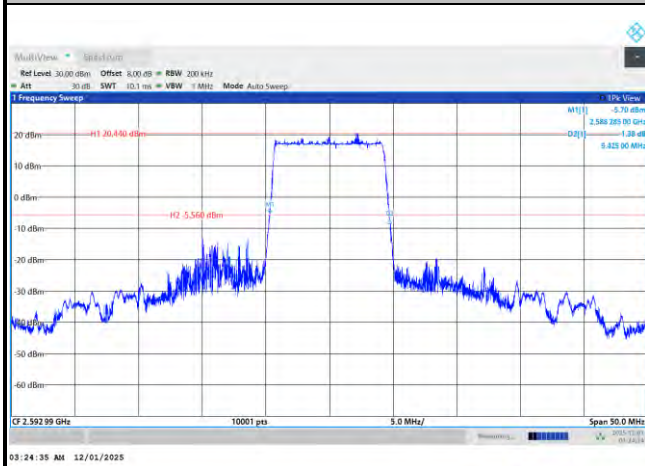
**26dB Bandwidth**

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	9.42	9.54	13.93	13.97	18.93	18.92	24.26	24.29
Mod.	16QAM		16QAM		16QAM		16QAM	
Middle CH	9.43		13.90		18.94		24.28	
BW	30MHz		35MHz		40MHz		45MHz	
Mod.	PI/2 BPSK	QPSK	PI/2 BPSK	QPSK	PI/2 BPSK	QPSK	PI/2 BPSK	QPSK
Middle CH	29.35	29.37	-	-	38.26	38.28	-	-
Mod.	16QAM		16QAM		16QAM		16QAM	
Middle CH	29.50		-		38.33		-	
BW	50MHz		60MHz		70MHz		80MHz	
Mod.	PI/2 BPSK	QPSK	PI/2 BPSK	QPSK	PI/2 BPSK	QPSK	PI/2 BPSK	QPSK
Middle CH	48.34	48.51	62.47	62.76	69.27	69.36	82.15	82.17
Mod.	16QAM		16QAM		16QAM		16QAM	
Middle CH	48.42		62.82		69.08		82.15	
BW	90MHz		100MHz					
Mod.	PI/2 BPSK	QPSK	PI/2 BPSK	QPSK				
Middle CH	91.95	92.08	101.56	101.79				
Mod.	16QAM		16QAM					
Middle CH	91.87		101.59					

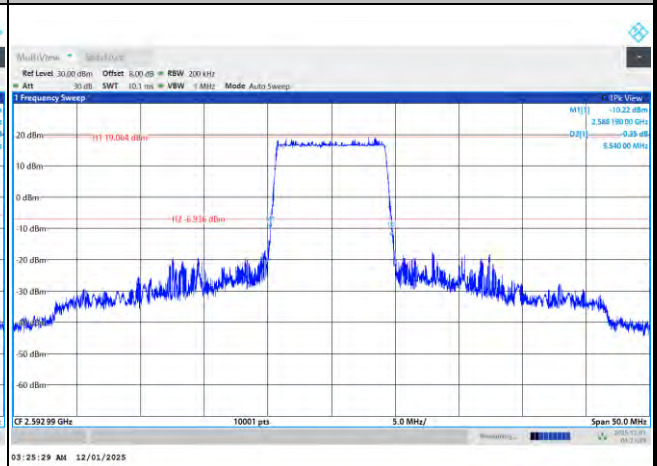


FR1 n41 / 10MHz / DFT-S OFDM / Middle Channel / Full RB

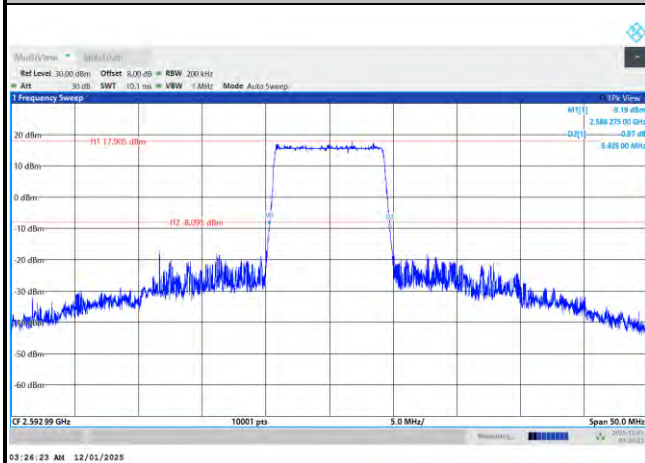
PI/2 BPSK



QPSK



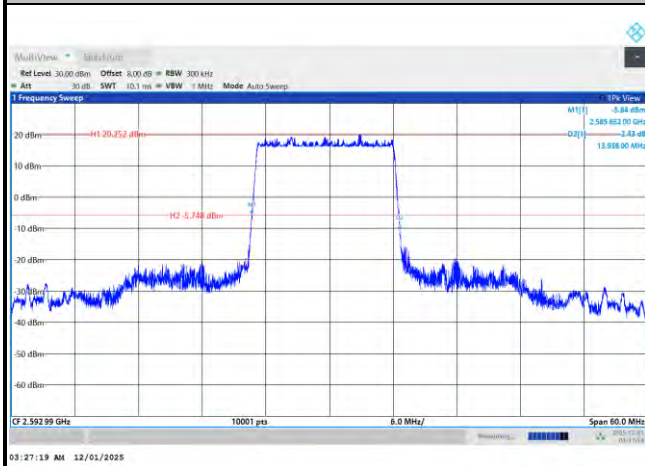
16QAM



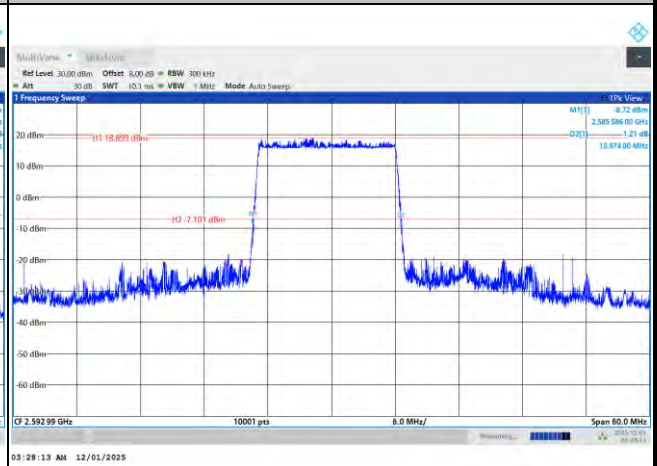


FR1 n41 / 15MHz / DFT-S OFDM / Middle Channel / Full RB

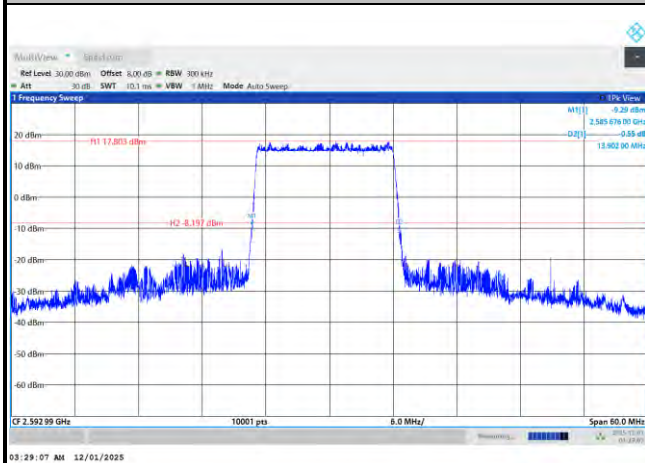
PI/2 BPSK



QPSK



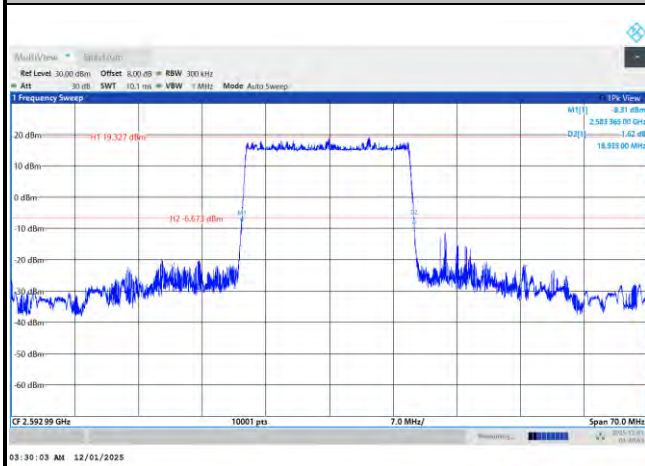
16QAM



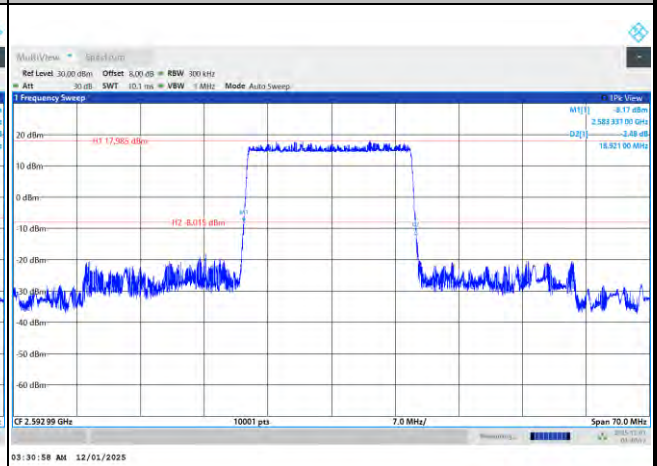


FR1 n41 / 20MHz / DFT-S OFDM / Middle Channel / Full RB

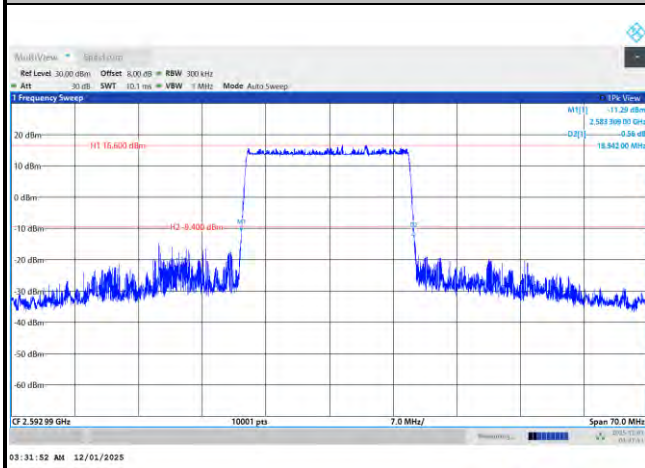
PI/2 BPSK



QPSK



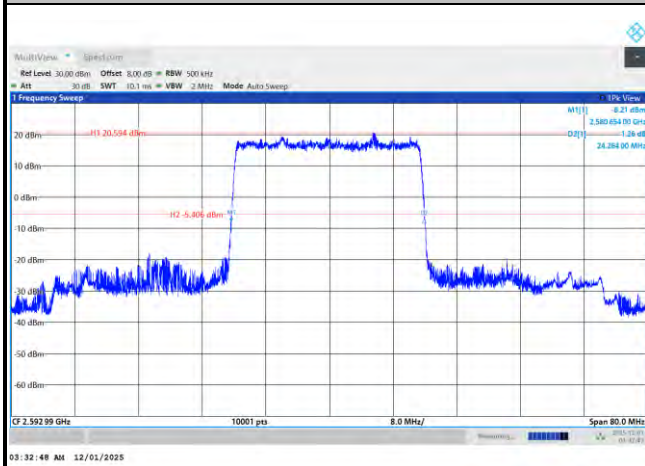
16QAM



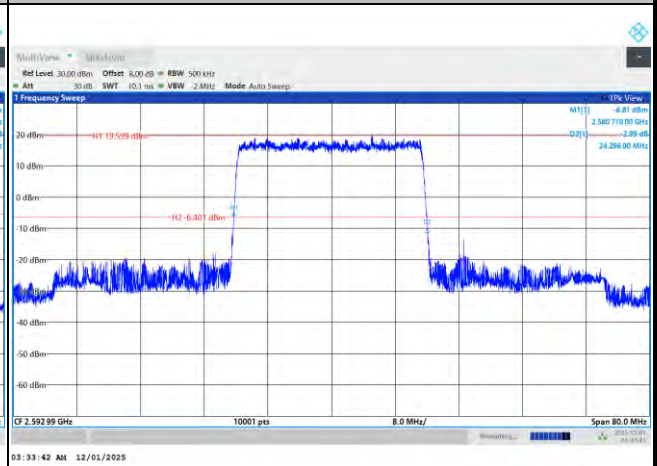


FR1 n41 / 25MHz / DFT-S OFDM / Middle Channel / Full RB

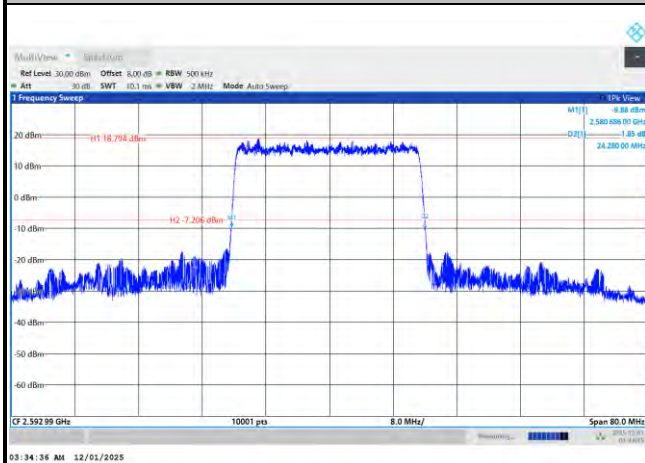
PI/2 BPSK



QPSK



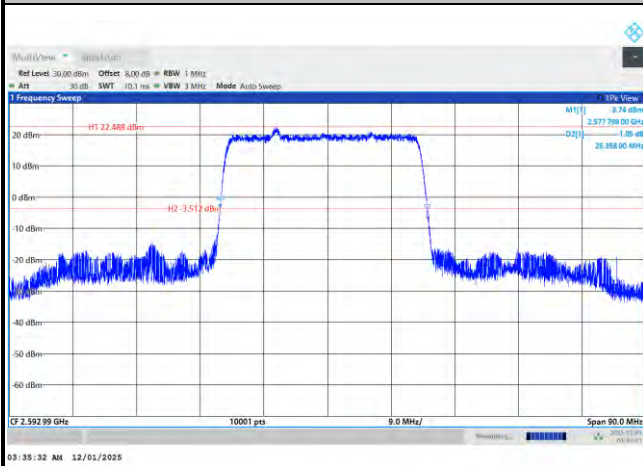
16QAM



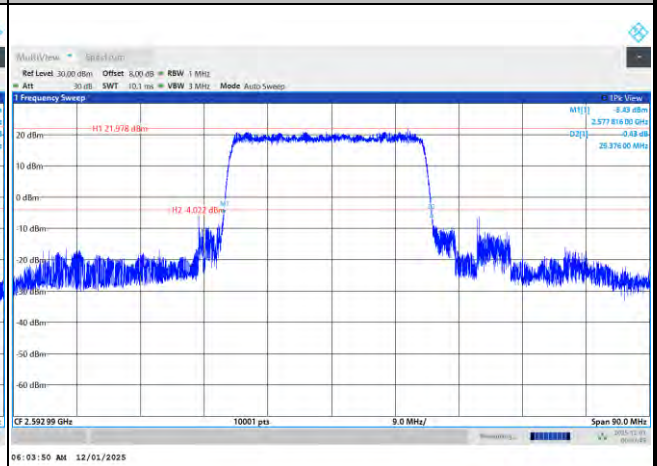


FR1 n41 / 30MHz / DFT-S OFDM / Middle Channel / Full RB

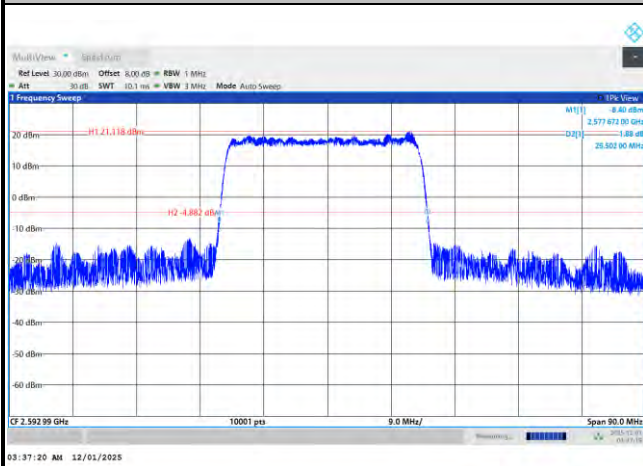
PI/2 BPSK



QPSK



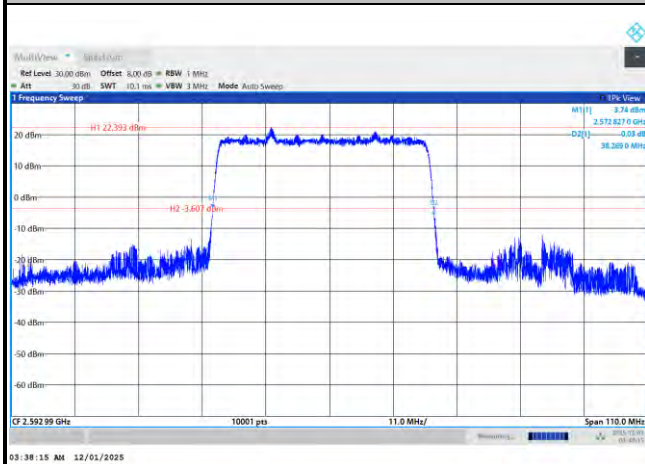
16QAM



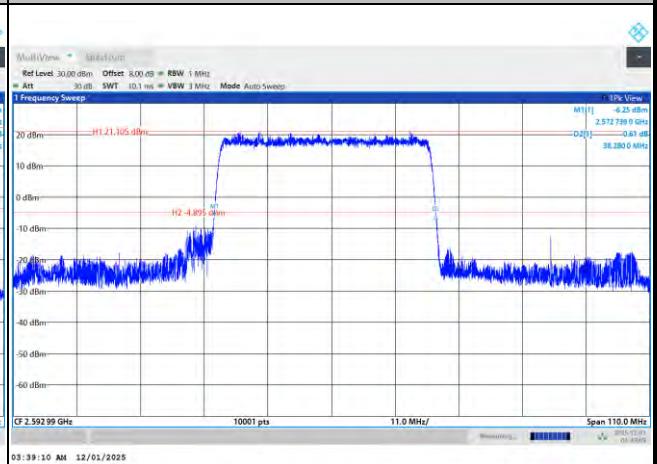


FR1 n41 / 40MHz / DFT-S OFDM / Middle Channel / Full RB

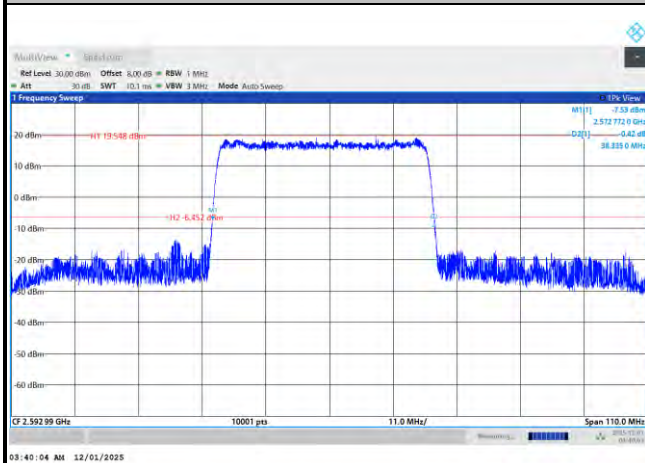
PI/2 BPSK



QPSK



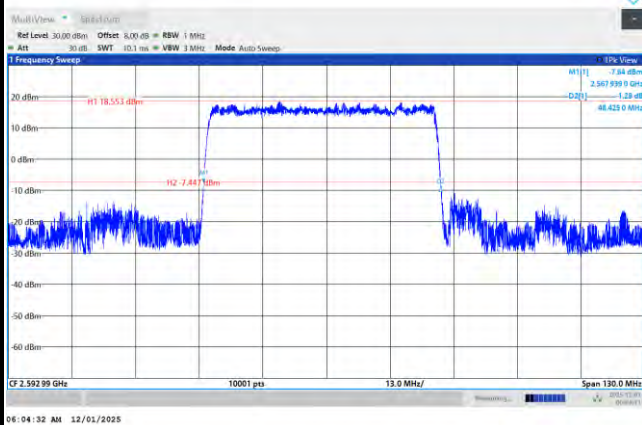
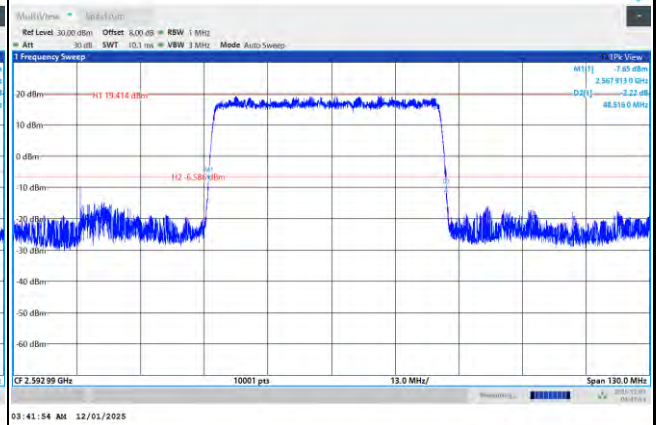
16QAM





FR1 n41 / 50MHz / DFT-S OFDM / Middle Channel / Full RB

QPSK

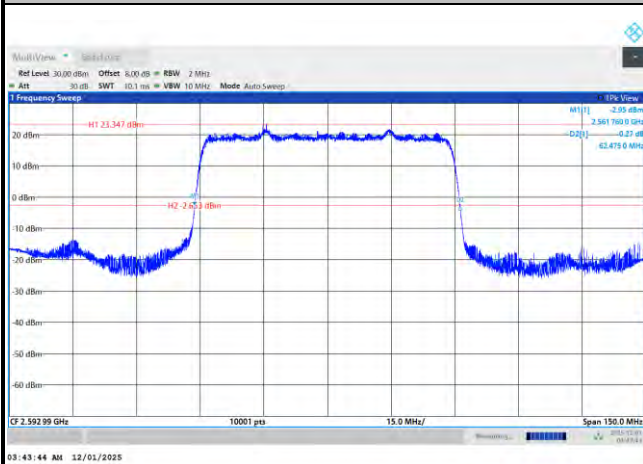




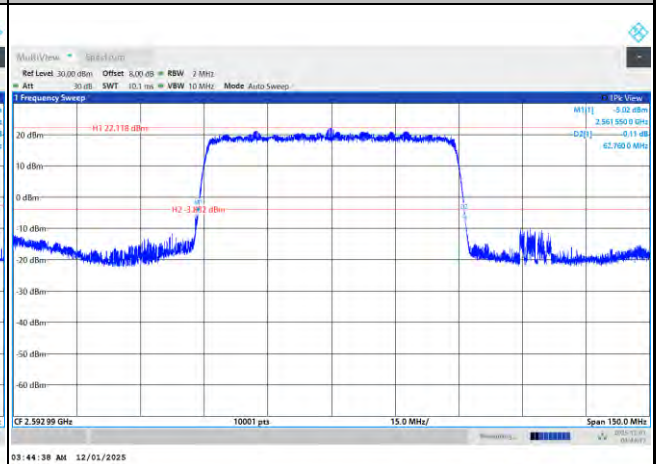
Report No. : FG5N0803-01C

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

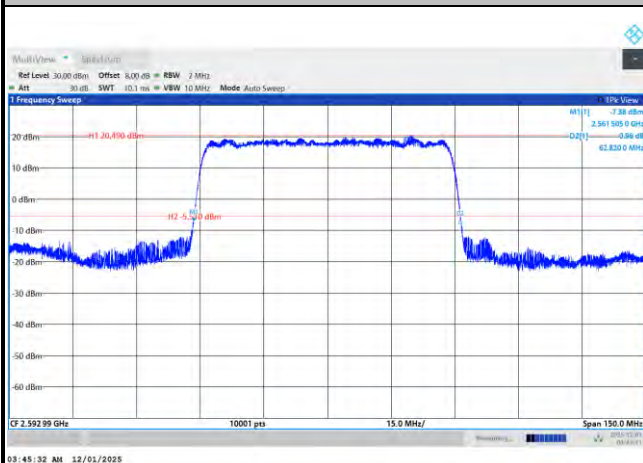
PI/2 BPSK



QPSK



16QAM

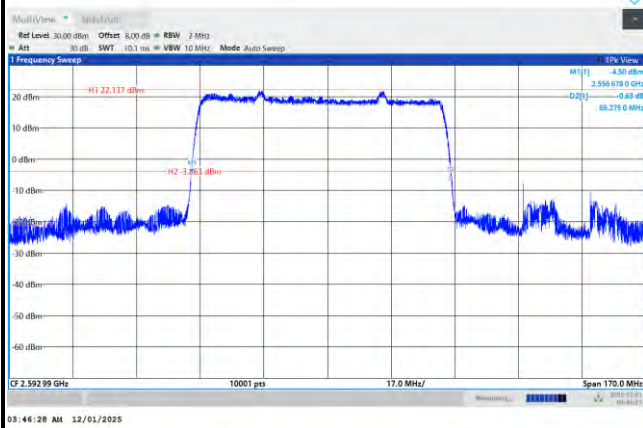




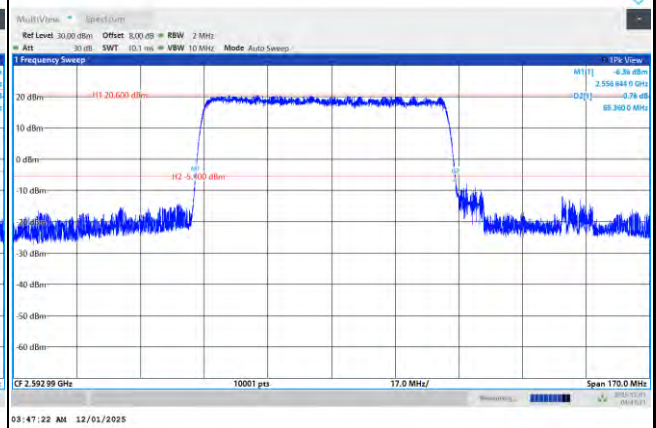
Report No. : FG5N0803-01C

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

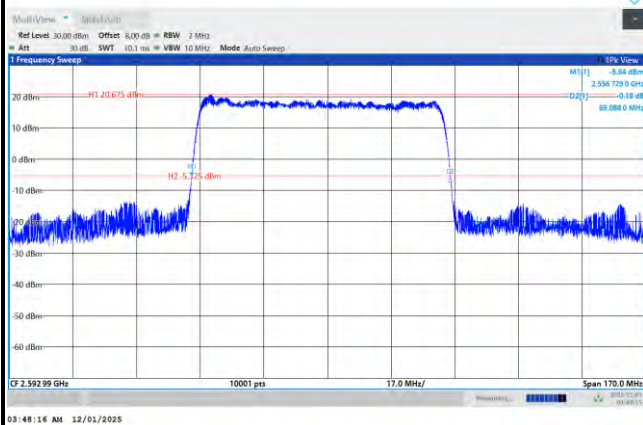
PI/2 BPSK



QPSK



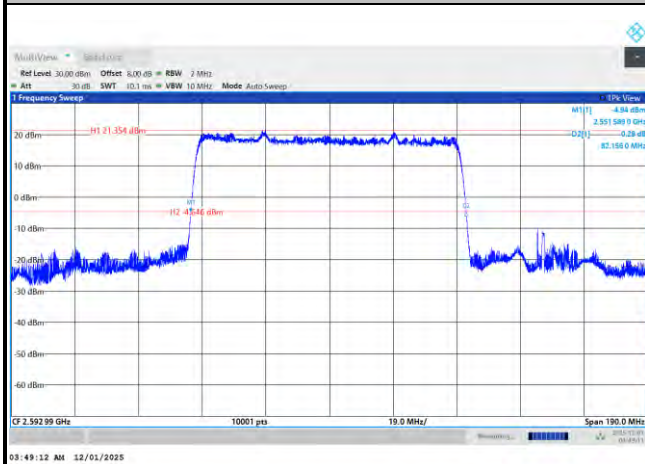
16QAM



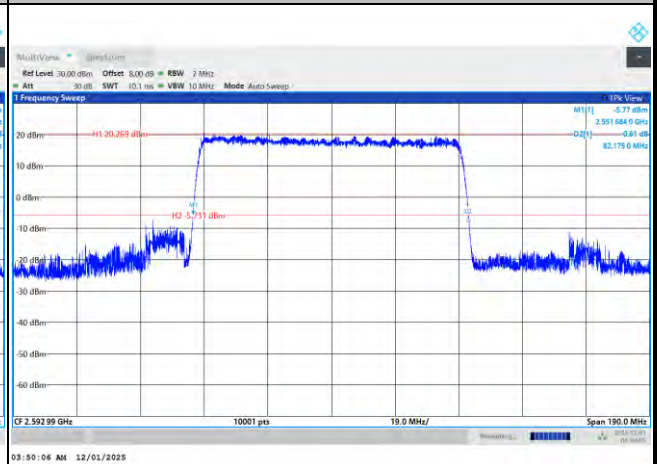


FR1 n41 / 80MHz / DFT-S OFDM / Middle Channel / Full RB

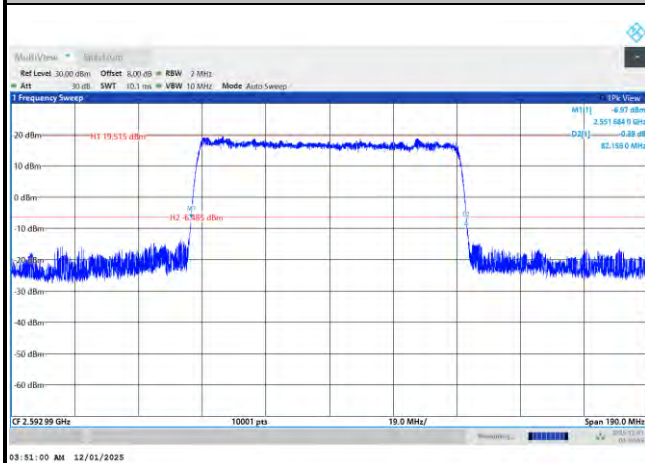
PI/2 BPSK



QPSK



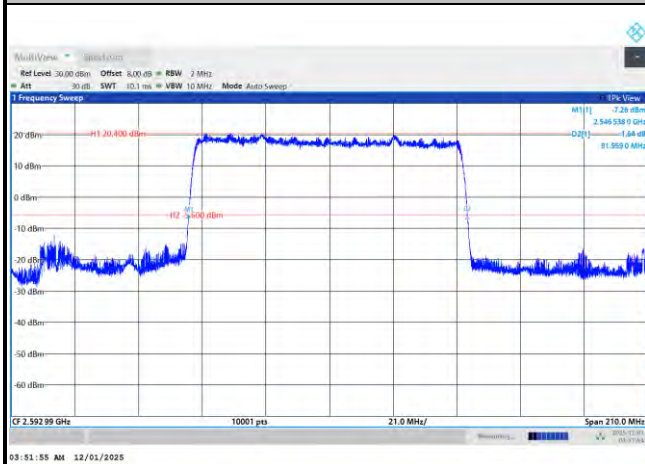
16QAM



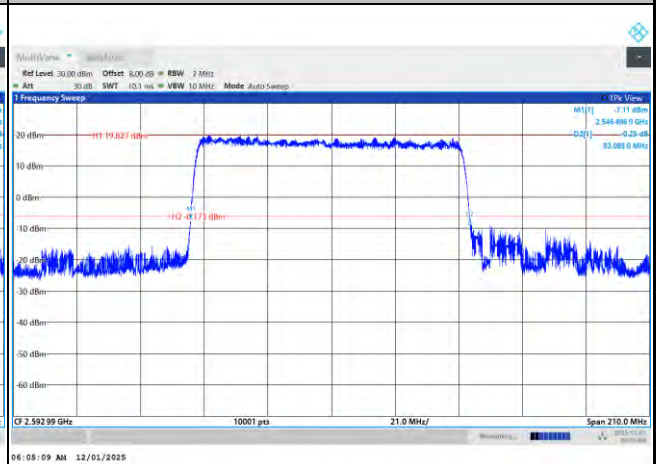


FR1 n41 / 90MHz / DFT-S OFDM / Middle Channel / Full RB

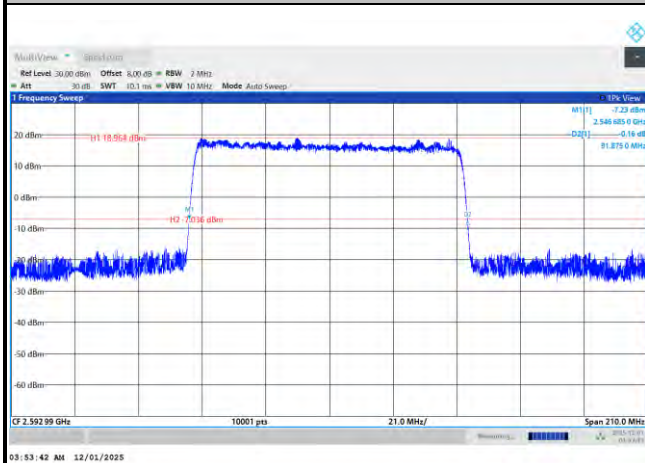
PI/2 BPSK



QPSK



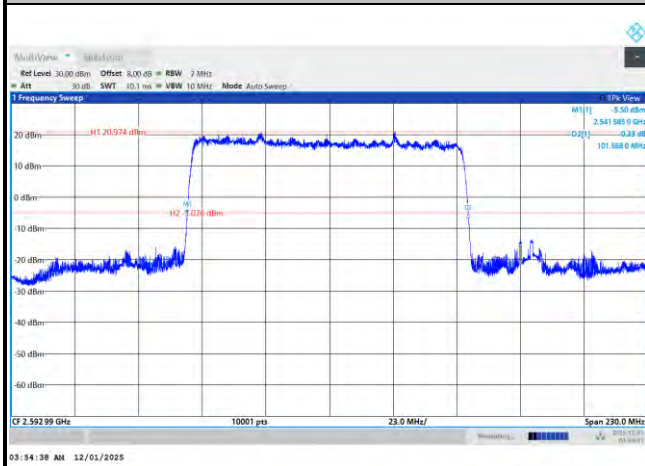
16QAM



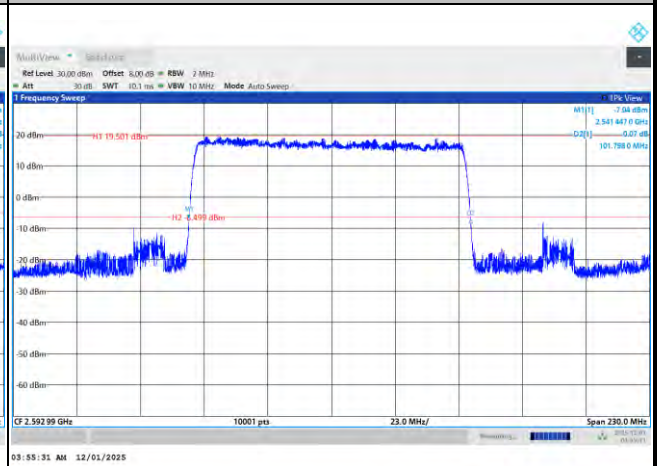


FR1 n41 / 100MHz / DFT-S OFDM / Middle Channel / Full RB

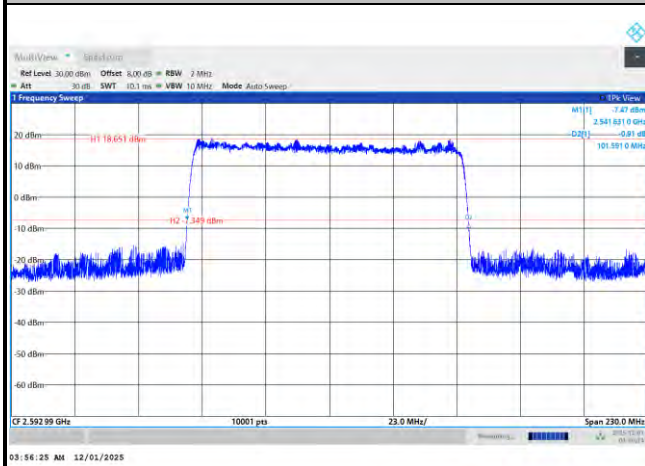
PI/2 BPSK



QPSK



16QAM



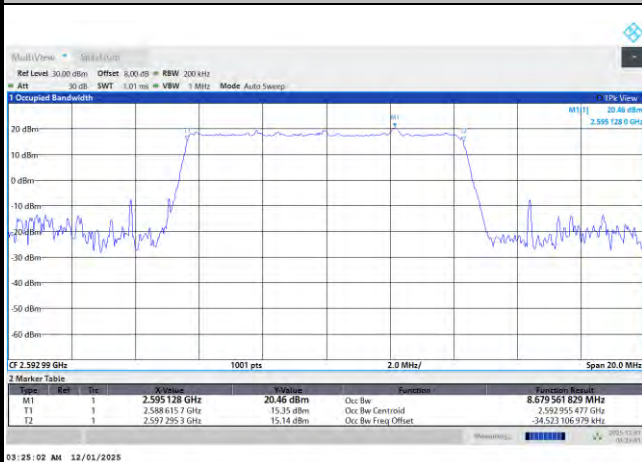
**Occupied Bandwidth**

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	8.67	8.66	12.95	12.98	17.96	17.91	23.08	23.04
Mod.	16QAM		16QAM		16QAM		16QAM	
Middle CH	8.62		12.93		17.91		22.93	
BW	30MHz		35MHz		40MHz		45MHz	
Mod.	PI/2 BPSK	QPSK	PI/2 BPSK	QPSK	PI/2 BPSK	QPSK	PI/2 BPSK	QPSK
Middle CH	27.23	27.30	-	-	36.06	36.06	-	-
Mod.	16QAM		16QAM		16QAM		16QAM	
Middle CH	27.17		-		35.98		-	
BW	50MHz		60MHz		70MHz		80MHz	
Mod.	PI/2 BPSK	QPSK	PI/2 BPSK	QPSK	PI/2 BPSK	QPSK	PI/2 BPSK	QPSK
Middle CH	45.94	45.89	58.42	58.42	65.15	64.81	77.76	77.69
Mod.	16QAM		16QAM		16QAM		16QAM	
Middle CH	46.00		58.34		64.83		77.59	
BW	90MHz		100MHz					
Mod.	PI/2 BPSK	QPSK	PI/2 BPSK	QPSK				
Middle CH	87.33	87.13	96.80	96.81				
Mod.	16QAM		16QAM					
Middle CH	87.03		96.63					

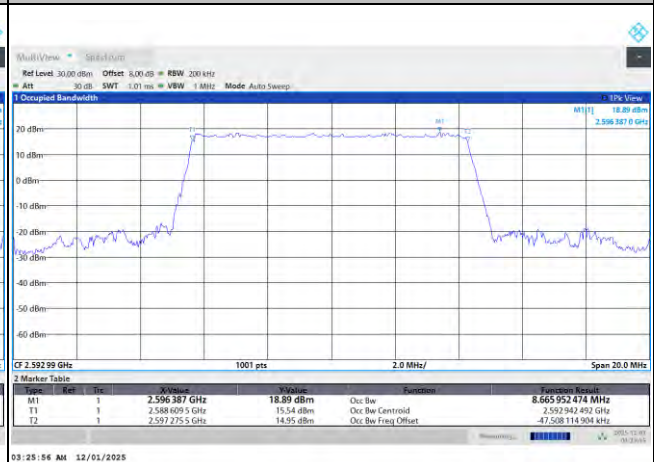


FR1 n41 / 10MHz / DFT-S OFDM / Middle Channel / Full RB

PI/2 BPSK



QPSK



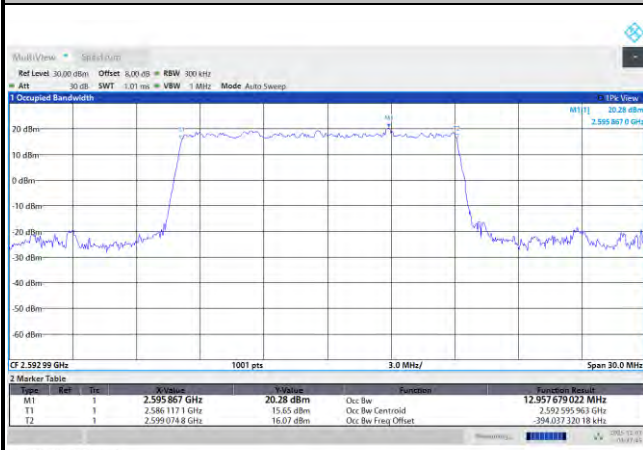
16QAM



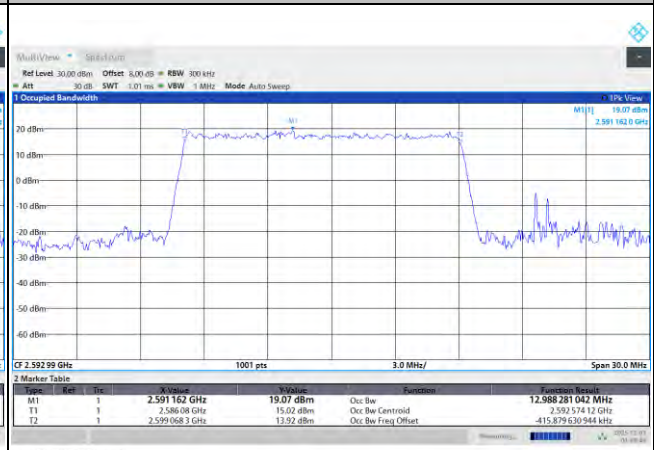


FR1 n41 / 15MHz / DFT-S OFDM / Middle Channel / Full RB

PI/2 BPSK



QPSK



16QAM





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

PI/2 BPSK



QPSK



16QAM

