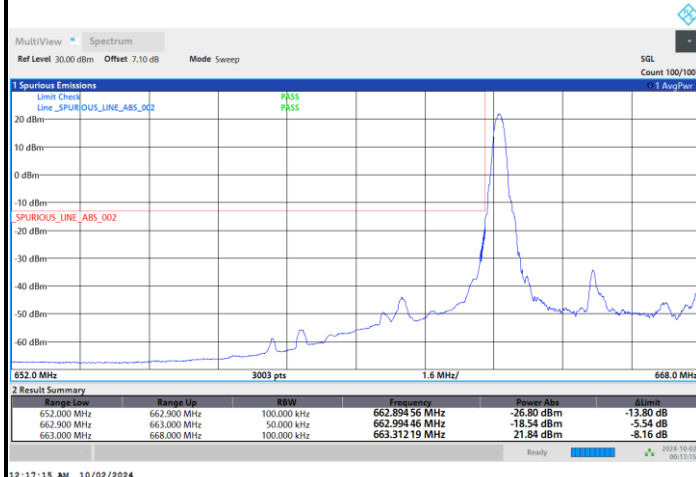




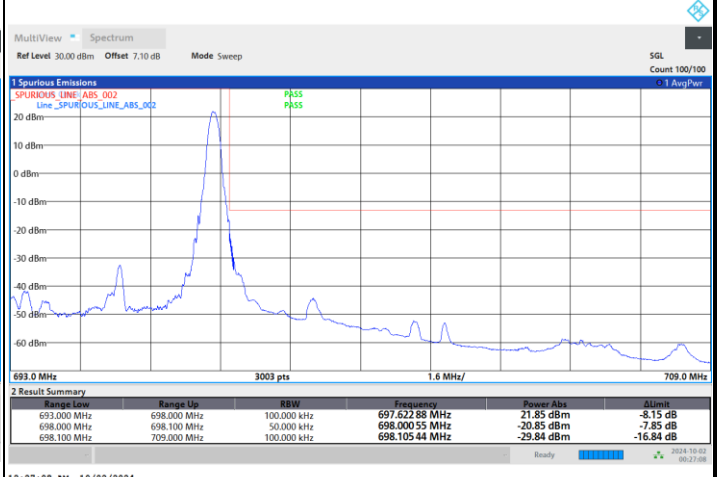
Conducted Band Edge

FR1 n71 / 5MHz / DFT-S OFDM / PI/2 BPSK

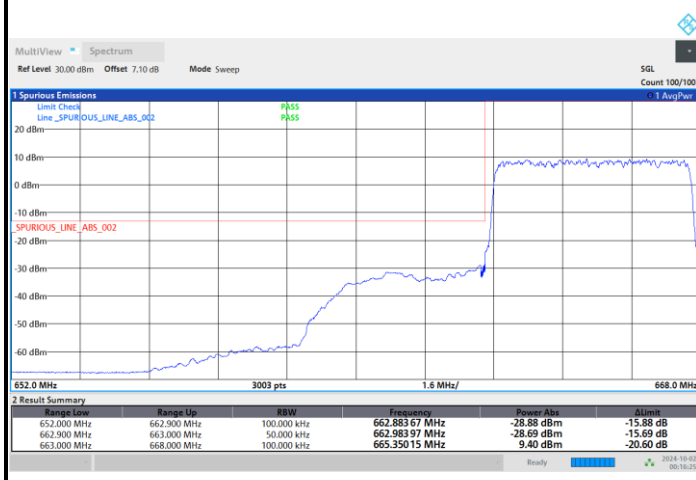
Lowest Band Edge / 1RB0



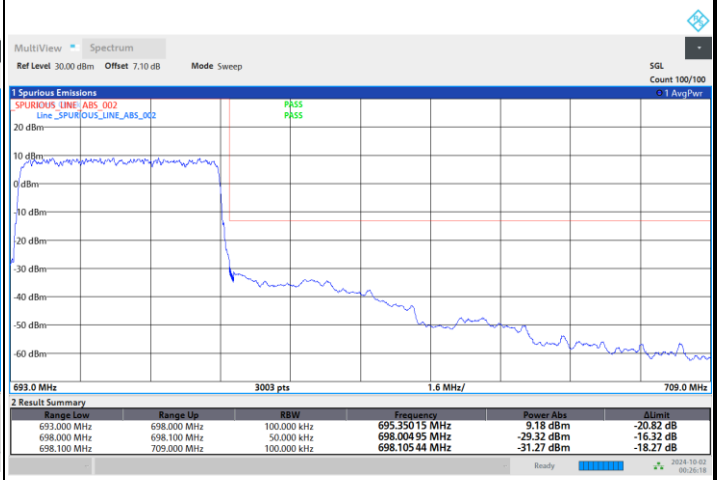
Highest Band Edge / 1RBmax



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

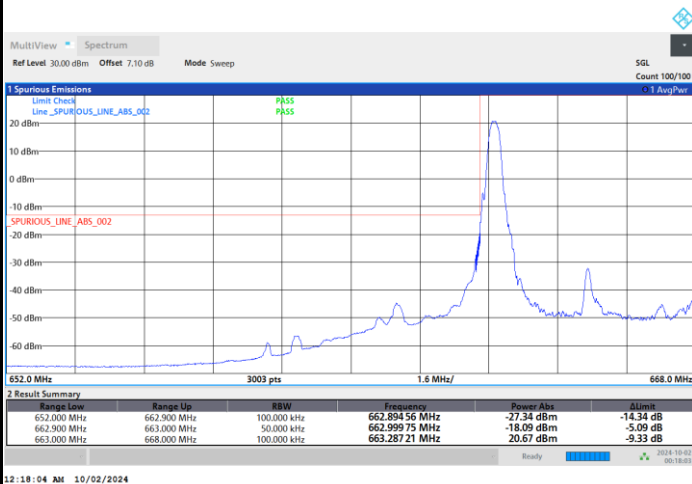




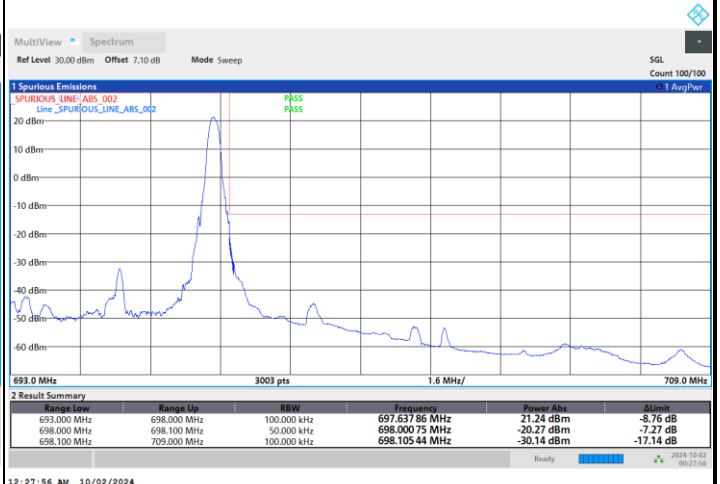
FR1 n71 / 5MHz / DFT-S OFDM / QPSK

Lowest Band Edge / 1RB0

Highest Band Edge / 1RBmax



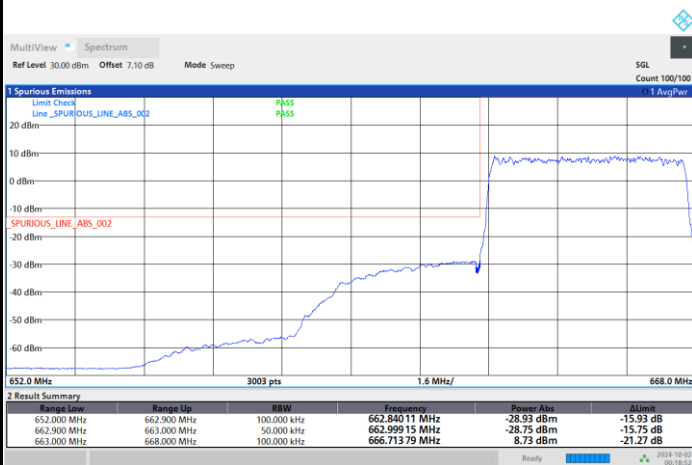
12:18:04 AM 10/02/2024



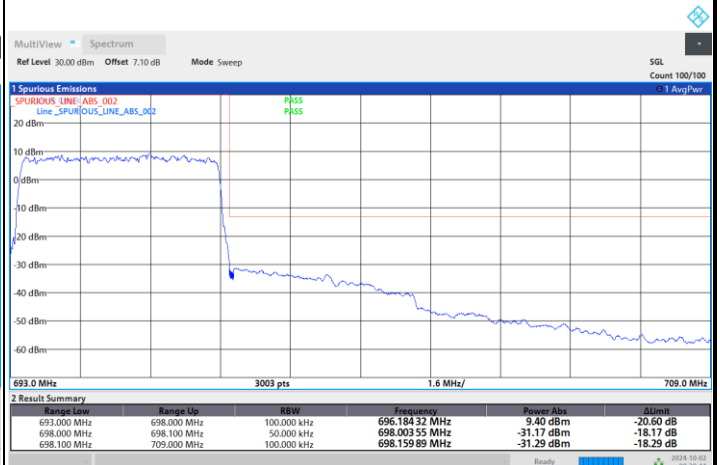
12:27:56 AM 10/02/2024

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



12:18:53 AM 10/02/2024



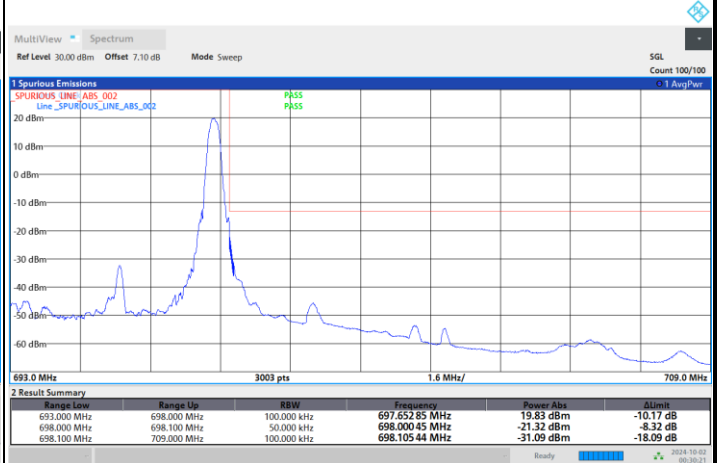
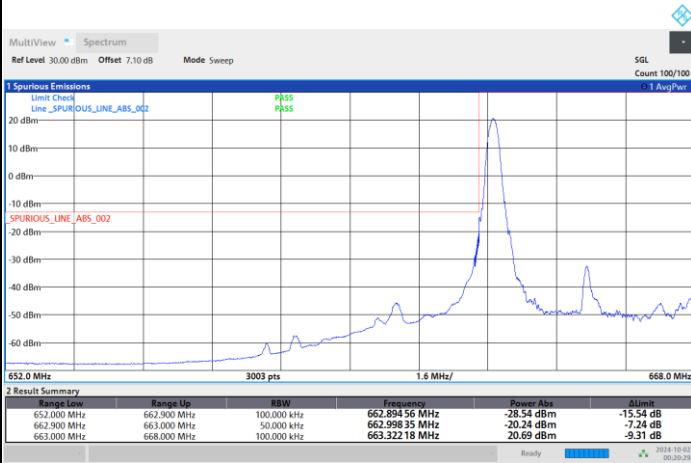
12:28:45 AM 10/02/2024



FR1 n71 / 5MHz / DFT-S OFDM / 16QAM

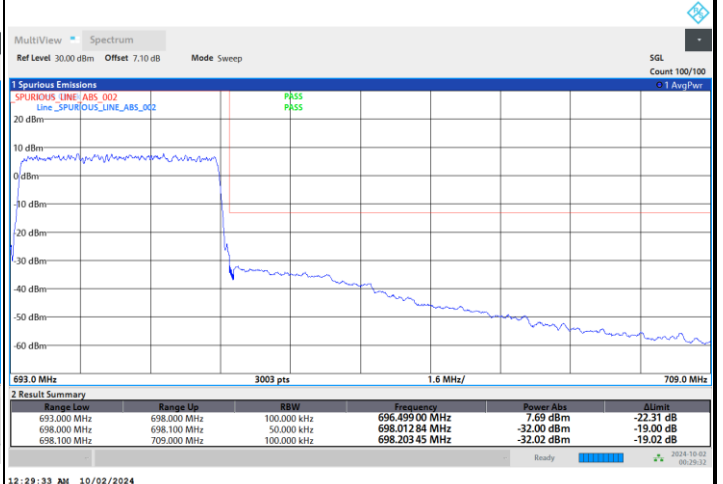
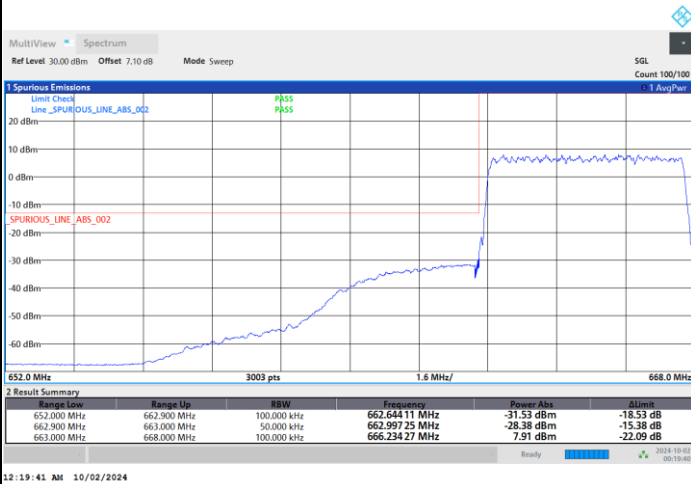
Lowest Band Edge / 1RB0

Highest Band Edge / 1RBmax



Lowest Band Edge / Full RB

Highest Band Edge / Full RB

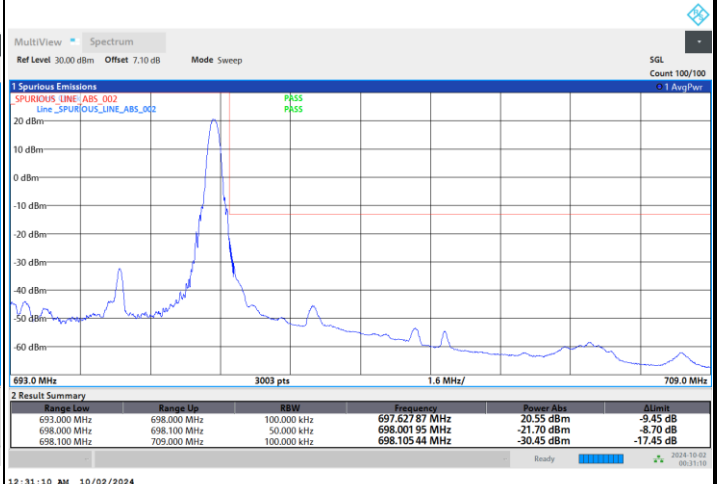
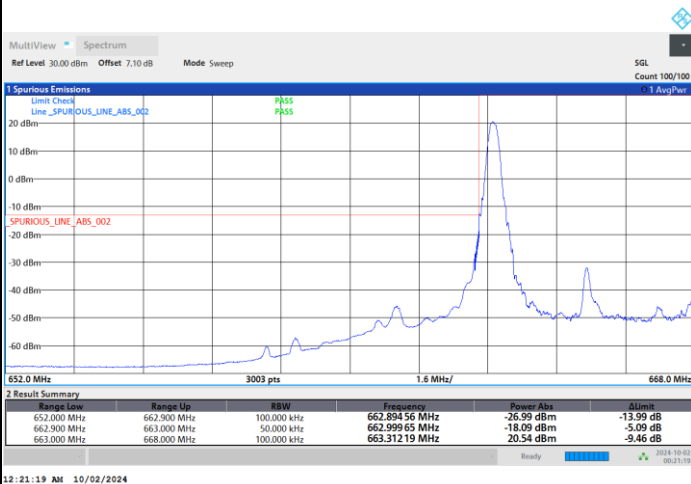




FR1 n71 / 5MHz / DFT-S OFDM / 64QAM

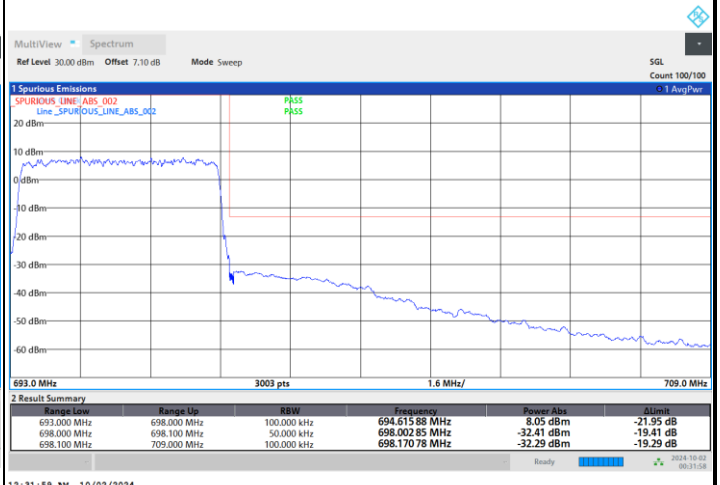
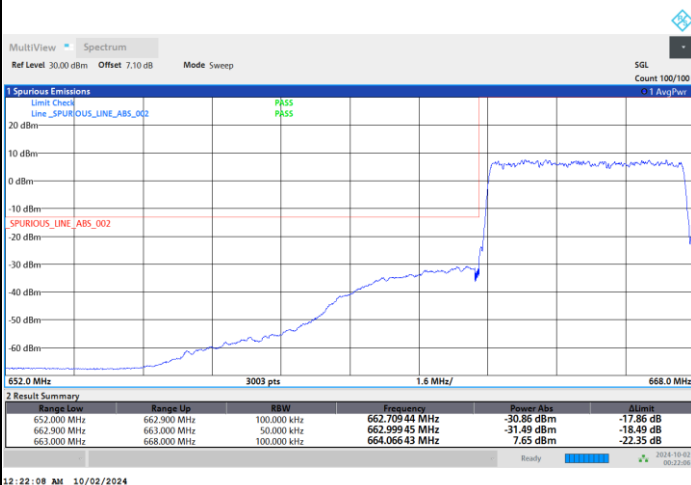
Lowest Band Edge / 1RB0

Highest Band Edge / 1RBmax



Lowest Band Edge / Full RB

Highest Band Edge / Full RB

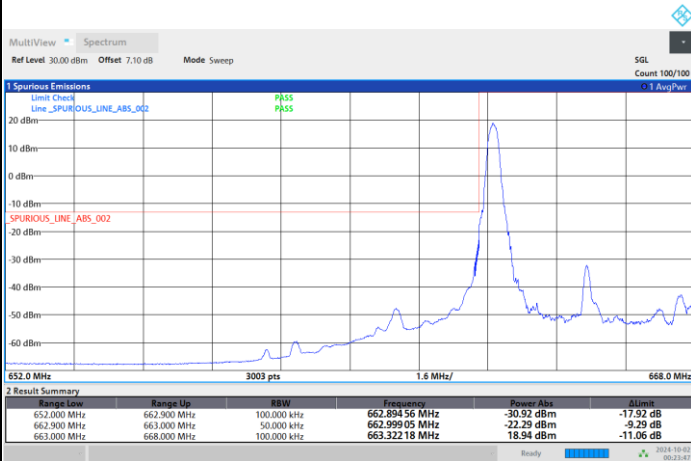




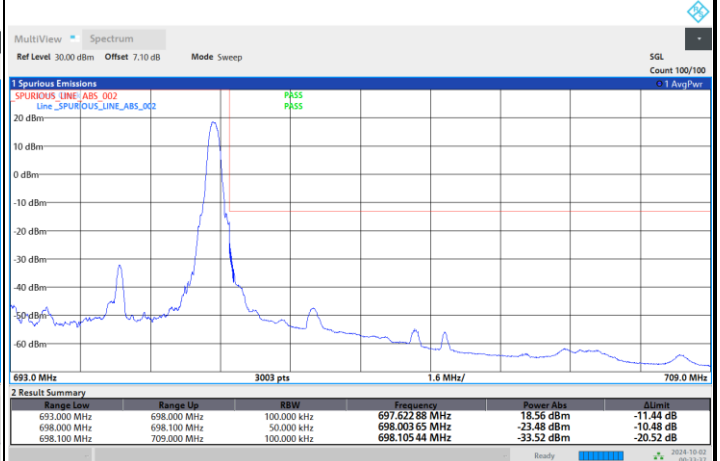
FR1 n71 / 5MHz / DFT-S OFDM / 256QAM

Lowest Band Edge / 1RB0

Highest Band Edge / 1RBmax



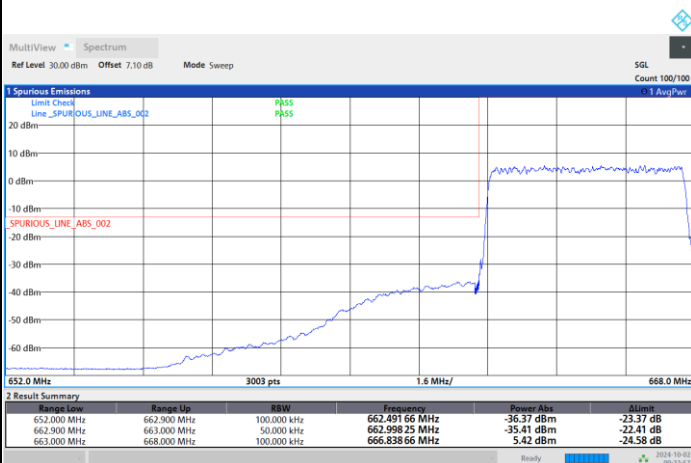
12:23:47 AM 10/02/2024



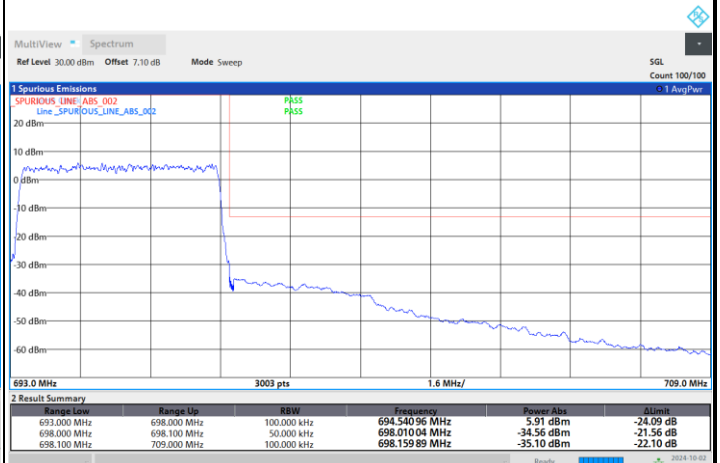
12:33:38 AM 10/02/2024

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



12:22:58 AM 10/02/2024



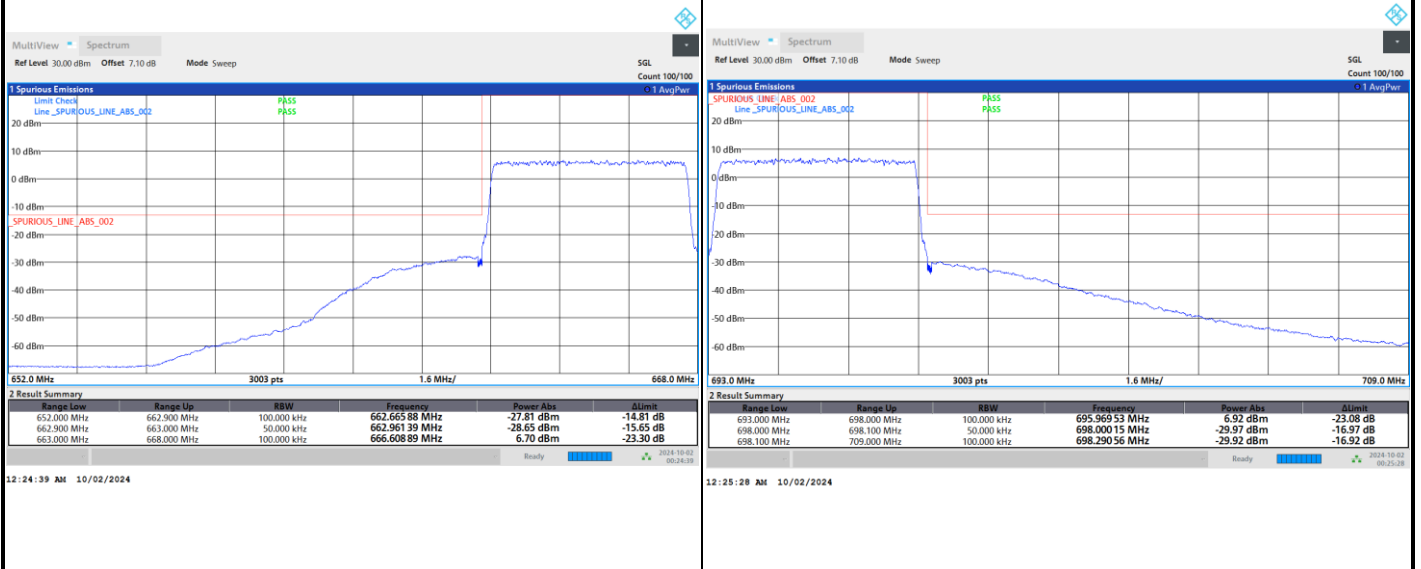
12:32:49 AM 10/02/2024



FR1 n71 / 5MHz / CP OFDM / QPSK / Full RB

Lowest Band Edge

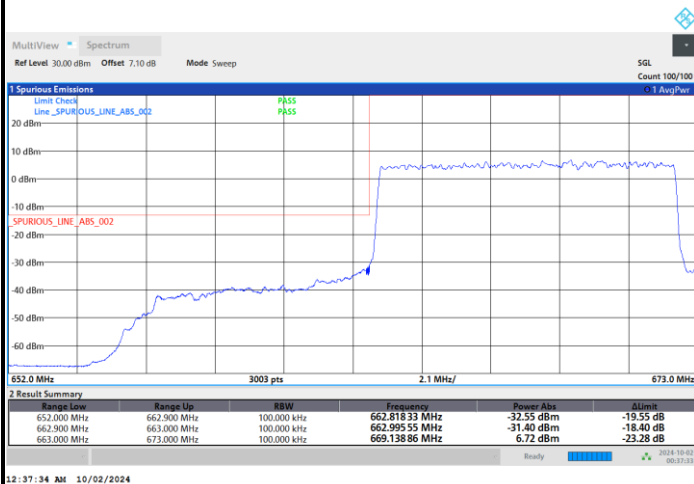
Highest Band Edge





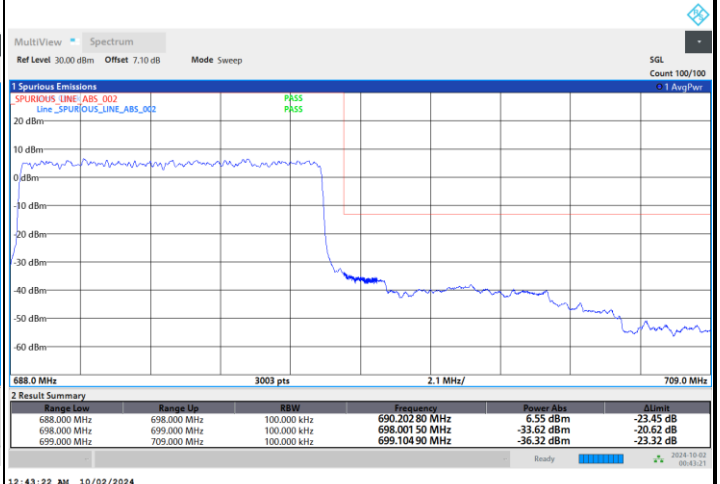
FR1 n71 / 10MHz / DFT-s-OFDM / PI/2 BPSK / Full RB

Lowest Band Edge



12:37:34 AM 10/02/2024

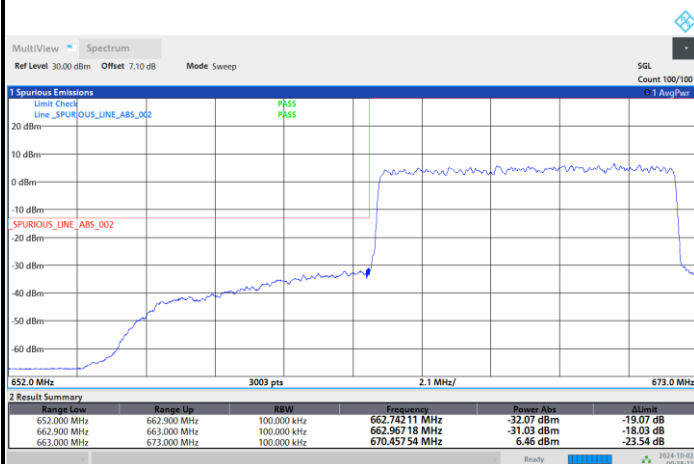
Highest Band Edge



12:43:22 AM 10/02/2024

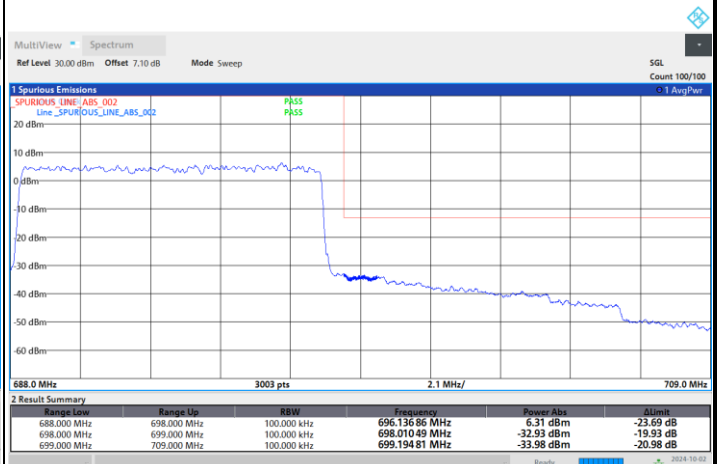
FR1 n71 / 10MHz / DFT-s-OFDM / QPSK / Full RB

Lowest Band Edge



12:38:23 AM 10/02/2024

Highest Band Edge

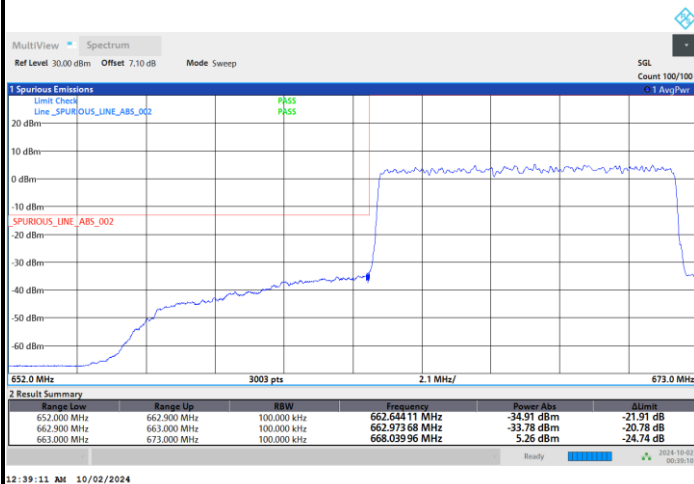


12:44:10 AM 10/02/2024

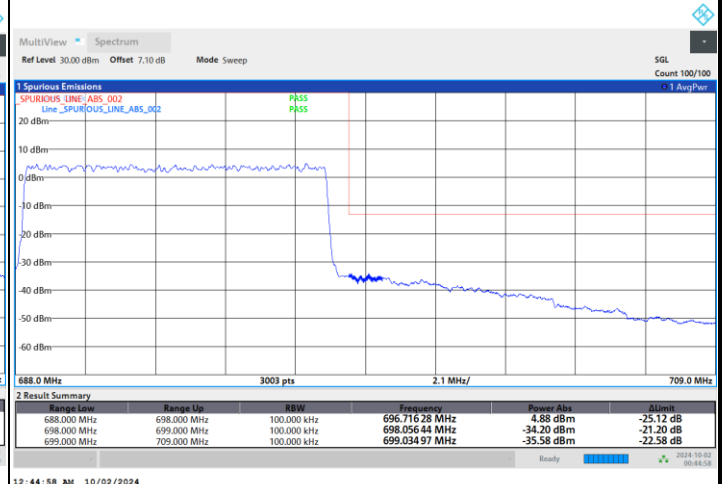


FR1 n71 / 10MHz / DFT-s-OFDM / 16QAM / Full RB

Lowest Band Edge

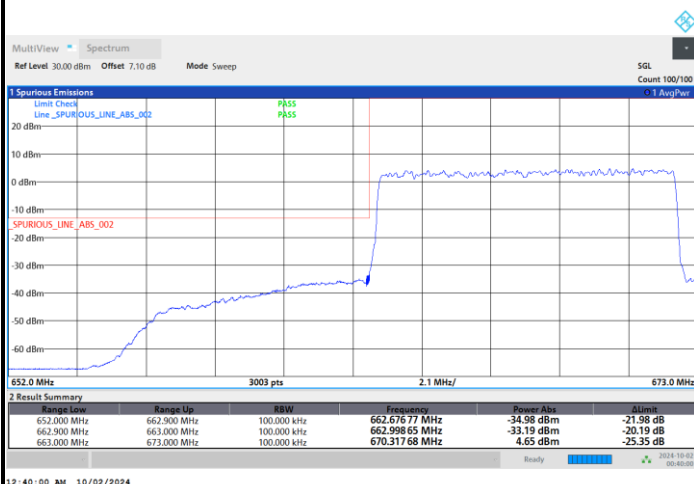


Highest Band Edge

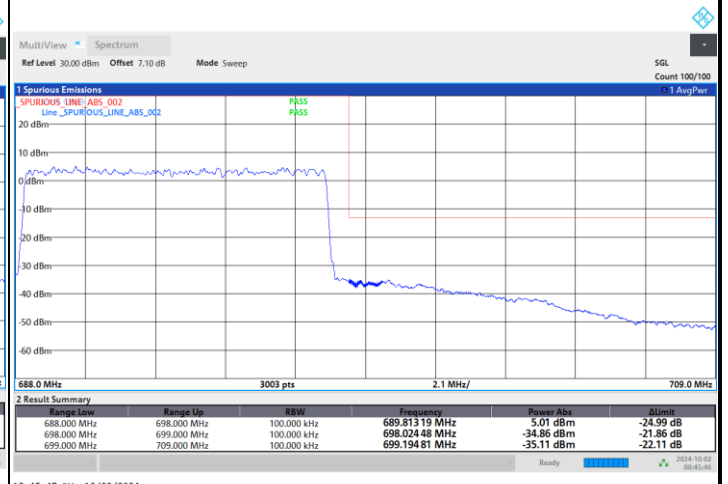


FR1 n71 / 10MHz / DFT-s-OFDM / 64QAM / Full RB

Lowest Band Edge



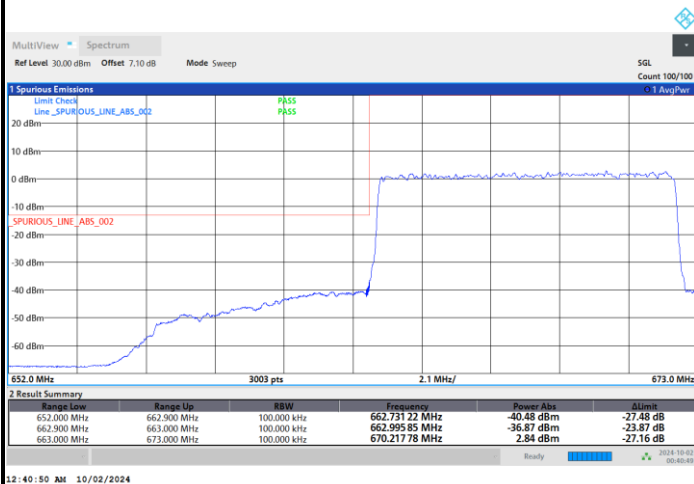
Highest Band Edge





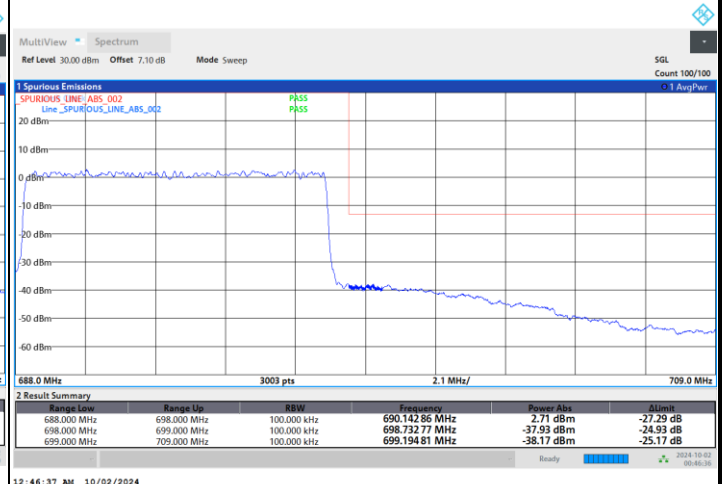
FR1 n71 / 10MHz / DFT-s-OFDM / 256QAM / Full RB

Lowest Band Edge



12:40:50 AM 10/02/2024

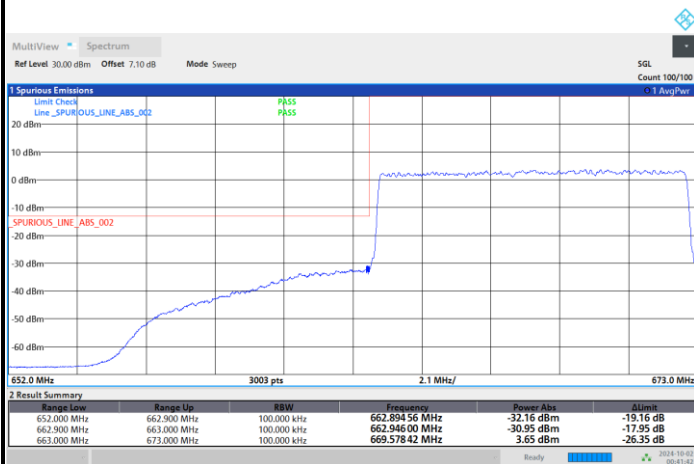
Highest Band Edge



12:46:37 AM 10/02/2024

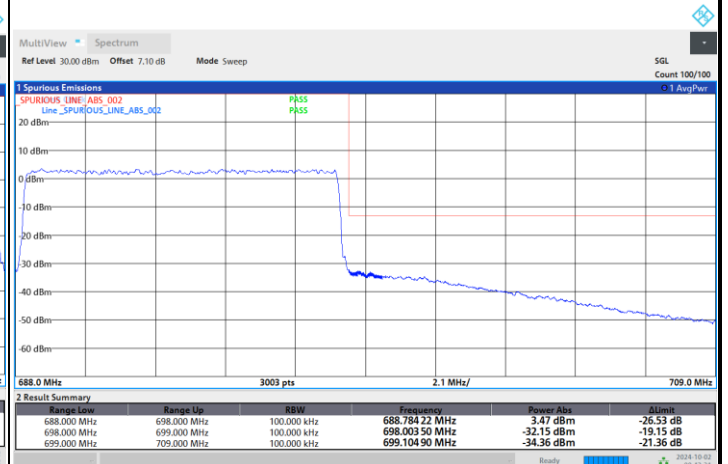
FR1 n71 / 10MHz / CP OFDM / QPSK / Full RB

Lowest Band Edge



12:41:42 AM 10/02/2024

Highest Band Edge

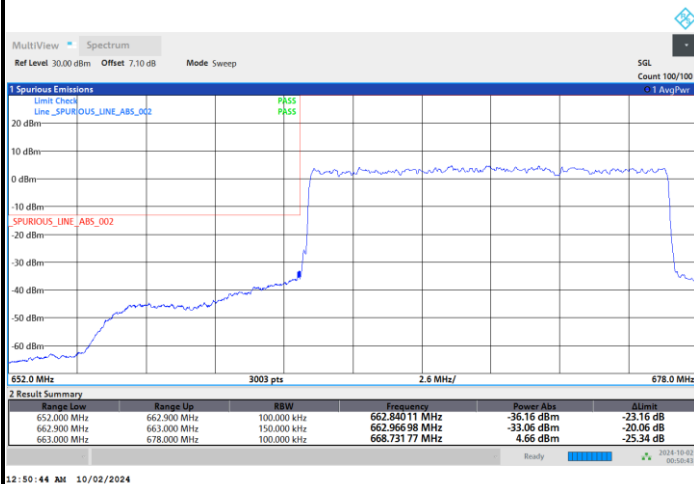


12:42:31 AM 10/02/2024



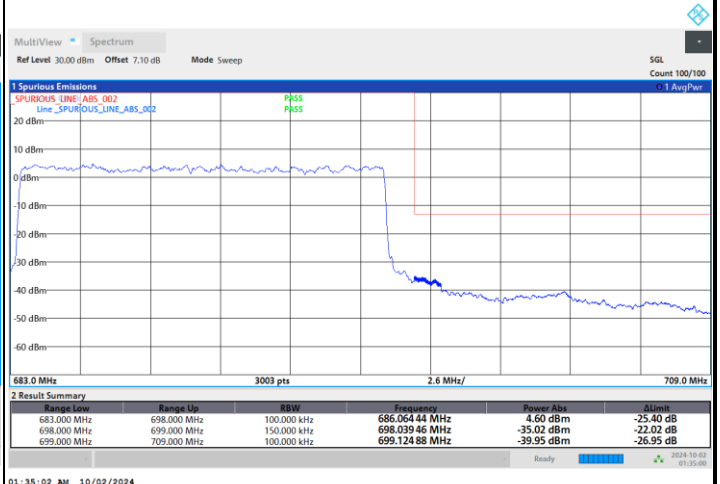
FR1 n71 / 15MHz / DFT-s-OFDM / PI/2 BPSK / Full RB

Lowest Band Edge



12:50:44 AM 10/02/2024

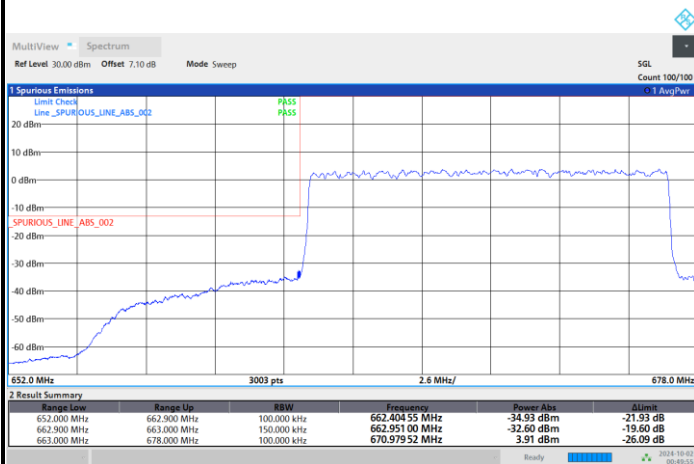
Highest Band Edge



01:35:02 AM 10/02/2024

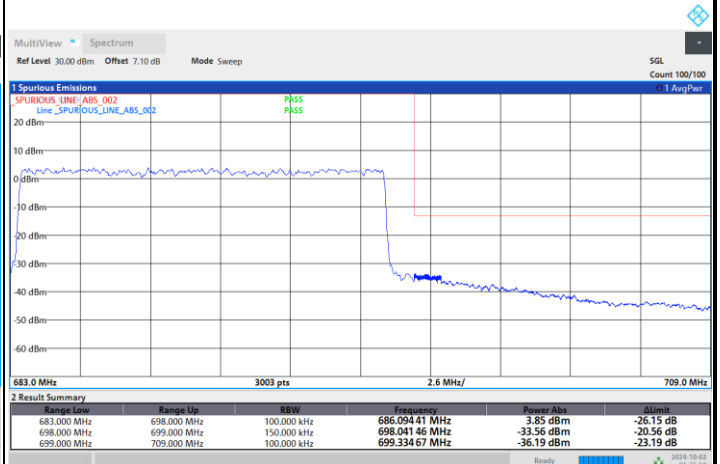
FR1 n71 / 15MHz / DFT-s-OFDM / QPSK / Full RB

Lowest Band Edge



12:49:55 AM 10/02/2024

Highest Band Edge

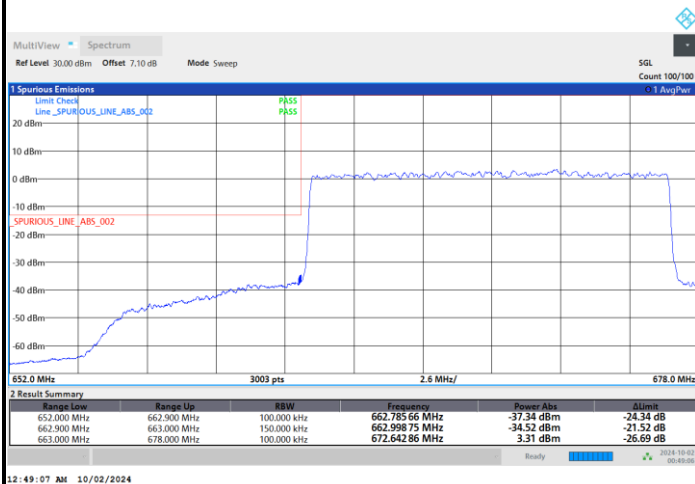


01:35:50 AM 10/02/2024

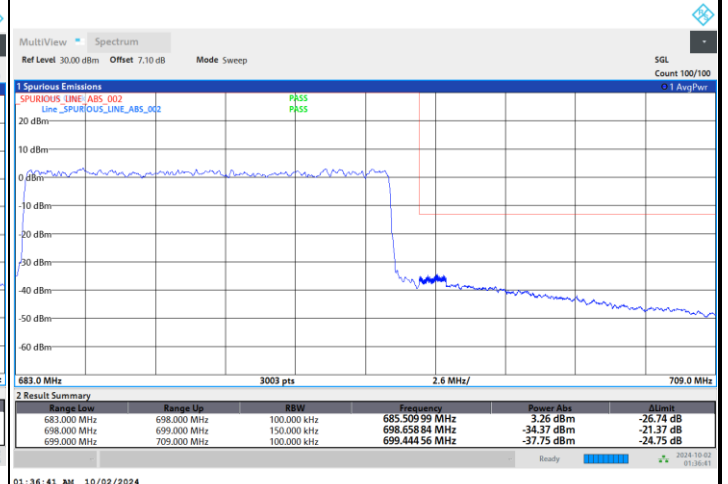


FR1 n71 / 15MHz / DFT-s-OFDM / 16QAM / Full RB

Lowest Band Edge

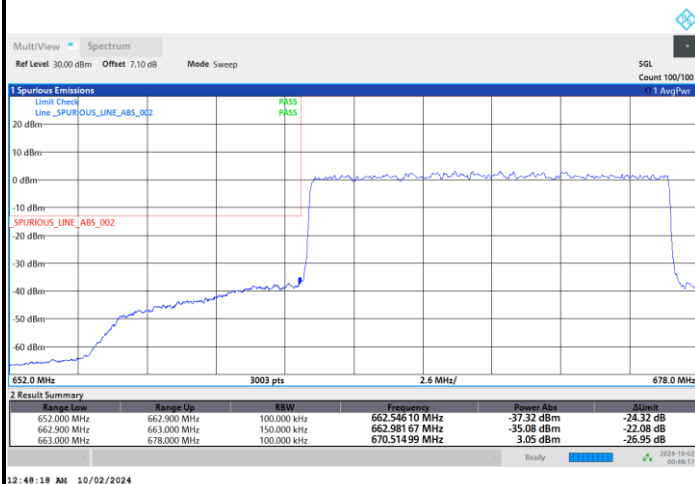


Highest Band Edge

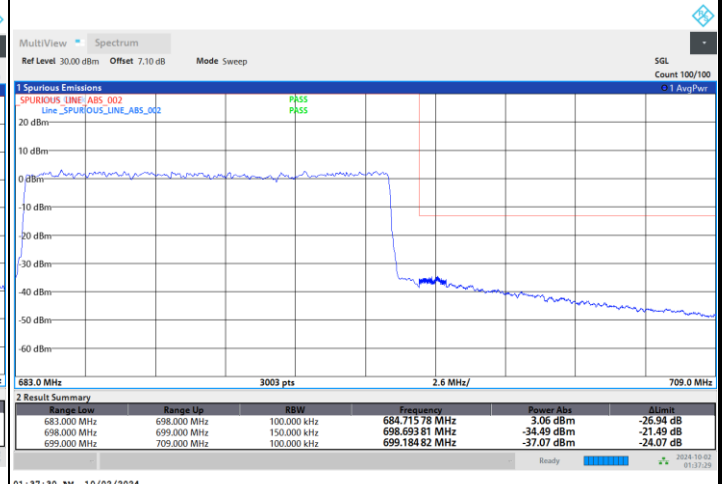


FR1 n71 / 15MHz / DFT-s-OFDM / 64QAM / Full RB

Lowest Band Edge



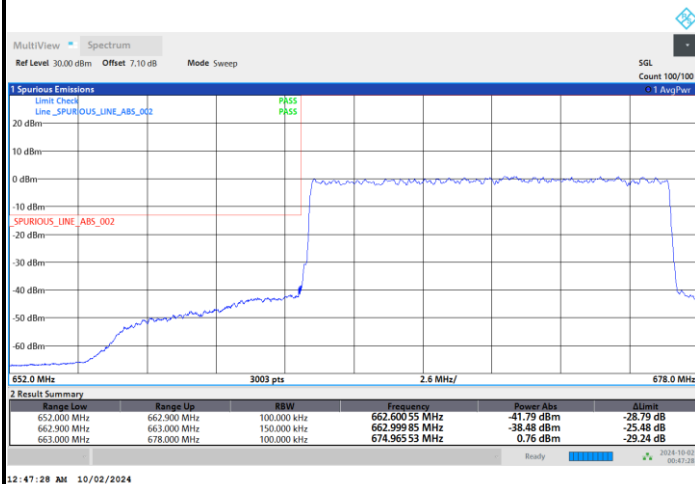
Highest Band Edge





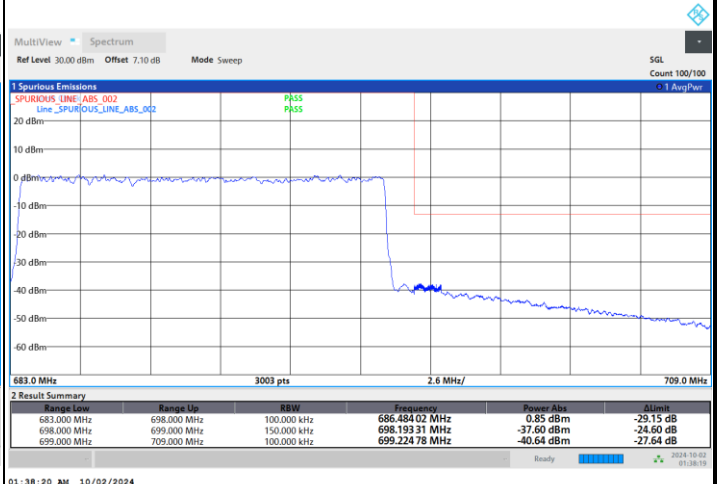
FR1 n71 / 15MHz / DFT-s-OFDM / 256QAM / Full RB

Lowest Band Edge



12:47:28 AM 10/02/2024

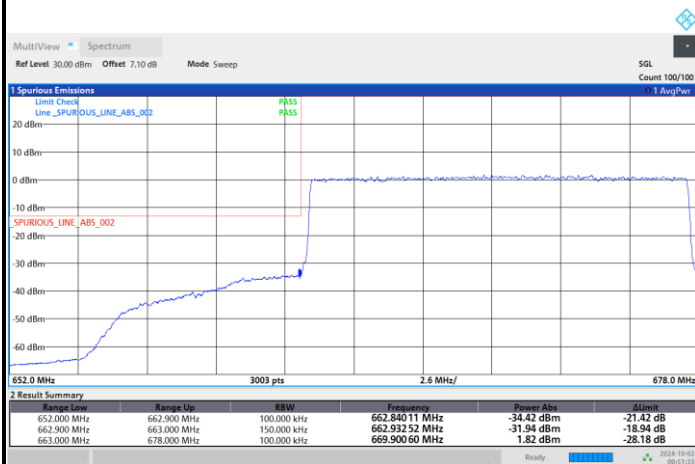
Highest Band Edge



01:38:20 AM 10/02/2024

FR1 n71 / 15MHz / CP OFDM / QPSK / Full RB

Lowest Band Edge



12:51:34 AM 10/02/2024

Highest Band Edge

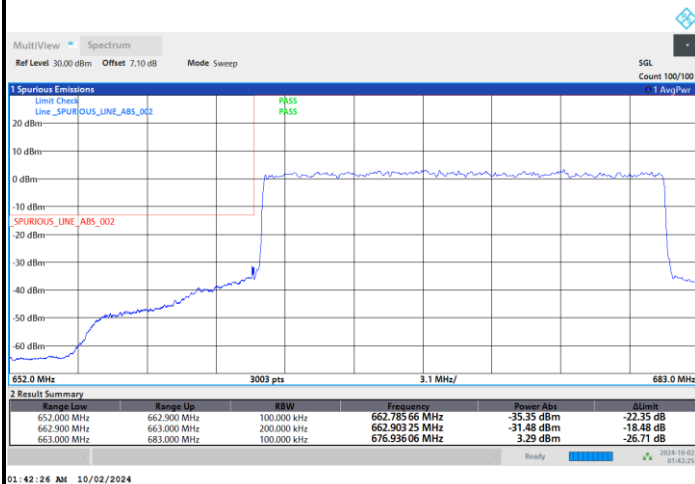


01:34:11 AM 10/02/2024



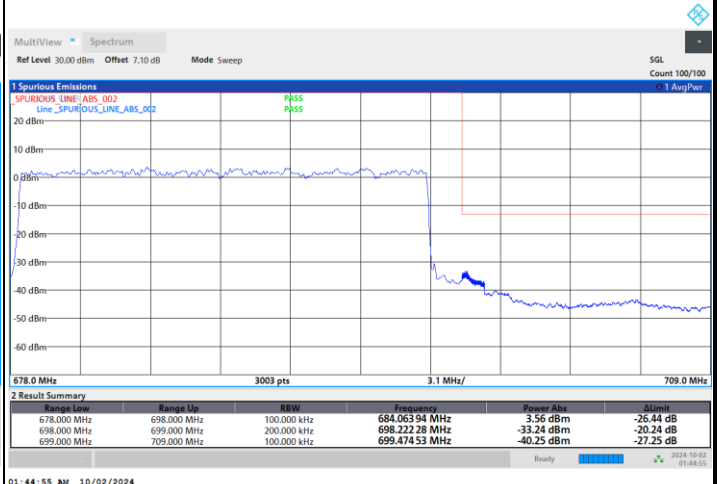
FR1 n71 / 20MHz / DFT-s-OFDM / PI/2 BPSK / Full RB

Lowest Band Edge



01:42:26 AM 10/02/2024

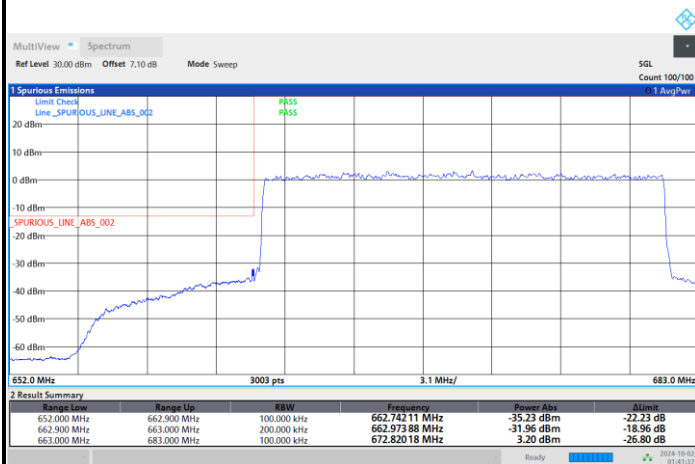
Highest Band Edge



01:44:55 AM 10/02/2024

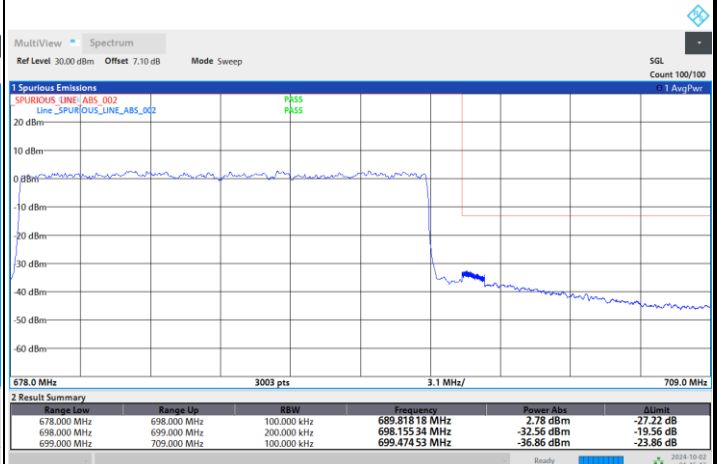
FR1 n71 / 20MHz / DFT-s-OFDM / QPSK / Full RB

Lowest Band Edge



01:41:38 AM 10/02/2024

Highest Band Edge

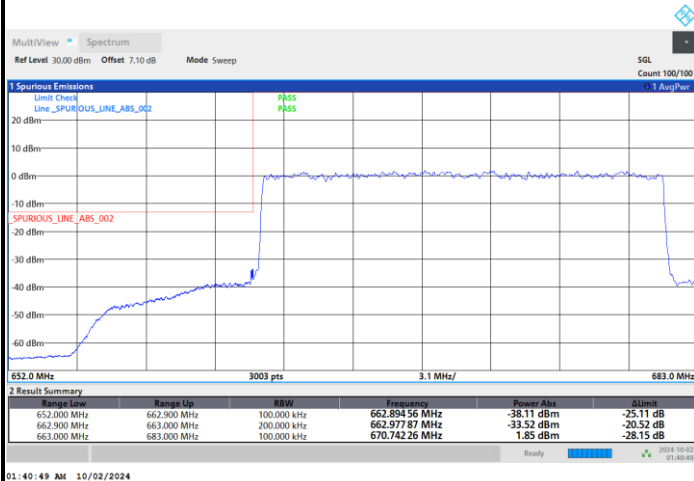


01:45:43 AM 10/02/2024

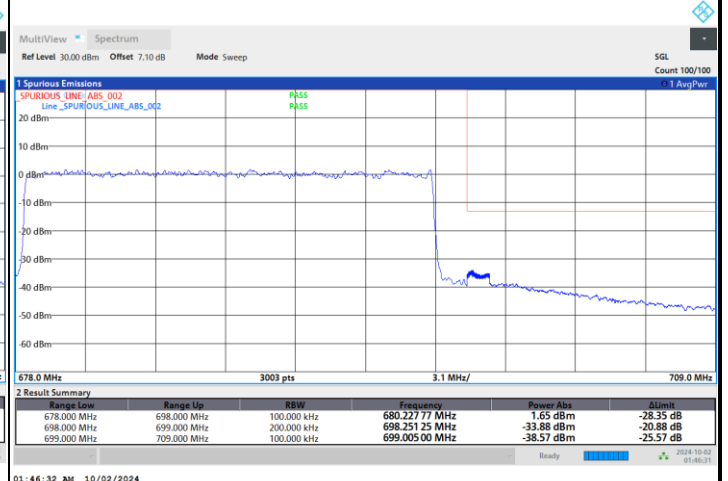


FR1 n71 / 20MHz / DFT-s-OFDM / 16QAM / Full RB

Lowest Band Edge

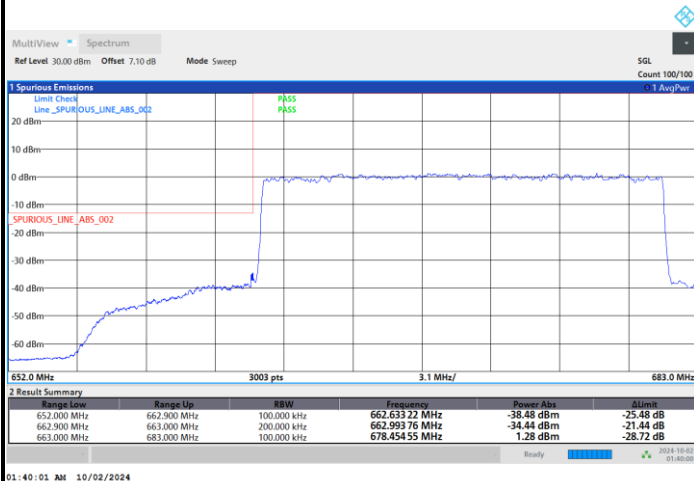


Highest Band Edge

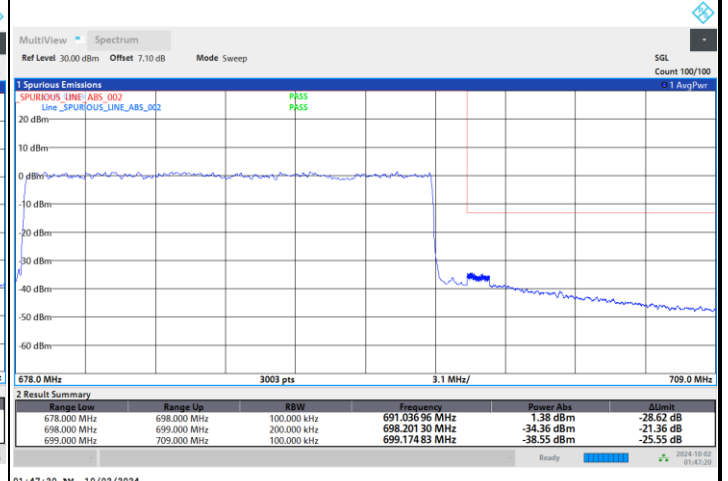


FR1 n71 / 20MHz / DFT-s-OFDM / 64QAM / Full RB

Lowest Band Edge



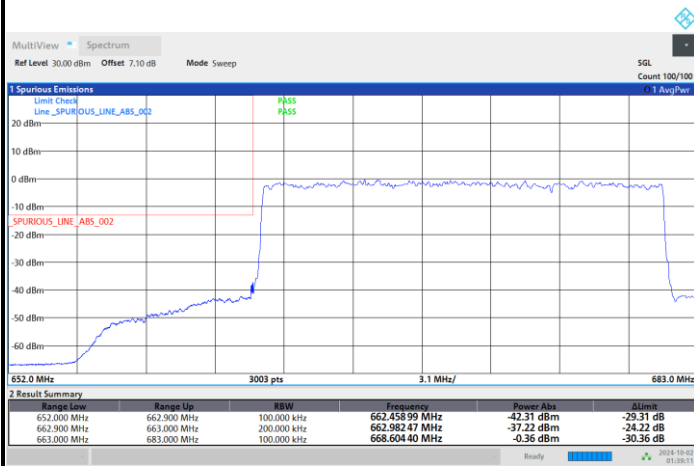
Highest Band Edge





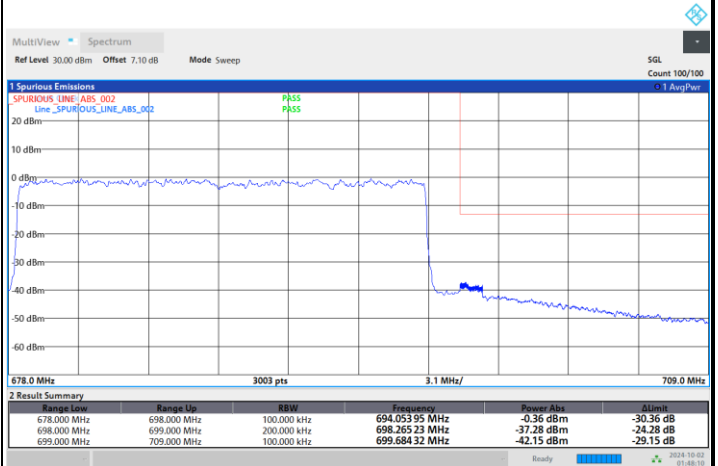
FR1 n71 / 20MHz / DFT-s-OFDM / 256QAM / Full RB

Lowest Band Edge



01:39:11 AM 10/02/2024

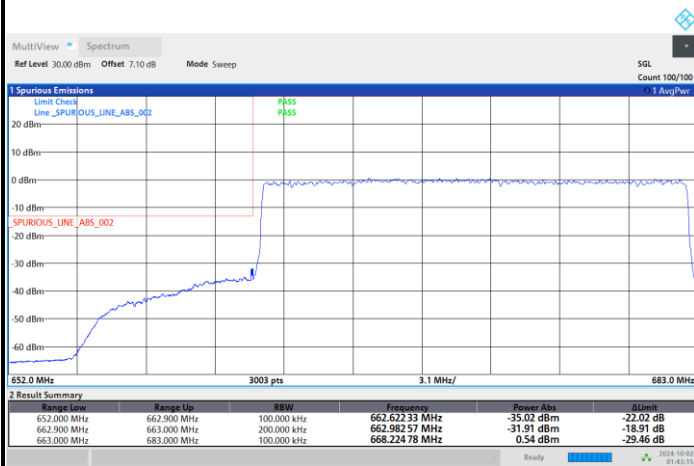
Highest Band Edge



01:40:11 AM 10/02/2024

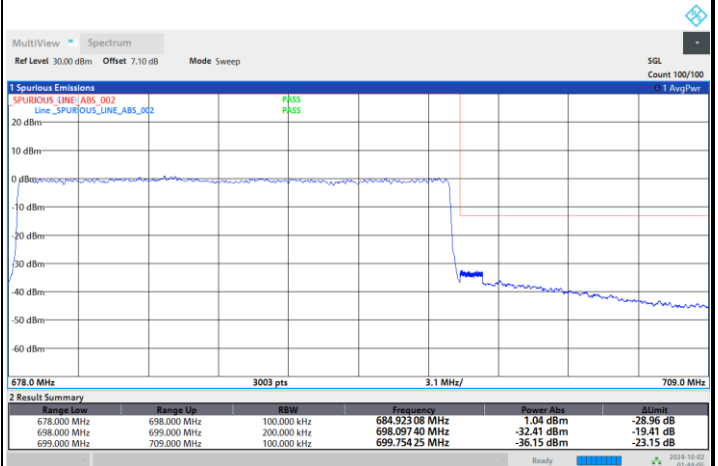
FR1 n71 / 20MHz / CP OFDM / QPSK / Full RB

Lowest Band Edge



01:43:16 AM 10/02/2024

Highest Band Edge



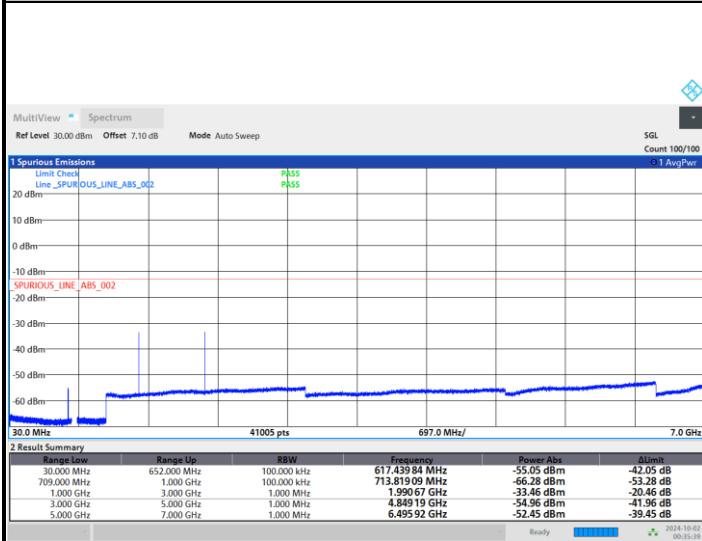
01:44:05 AM 10/02/2024



Conducted Spurious Emission

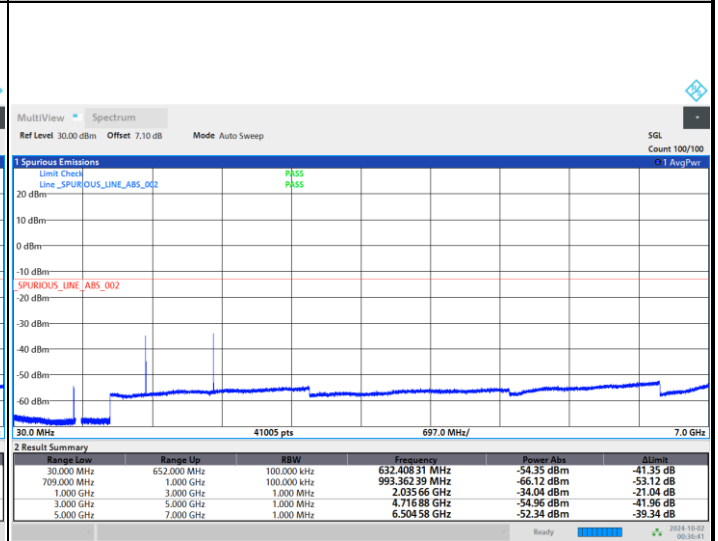
FR1 n71 / 5MHz / DFT-S OFDM / QPSK / 1RB1

Lowest Channel



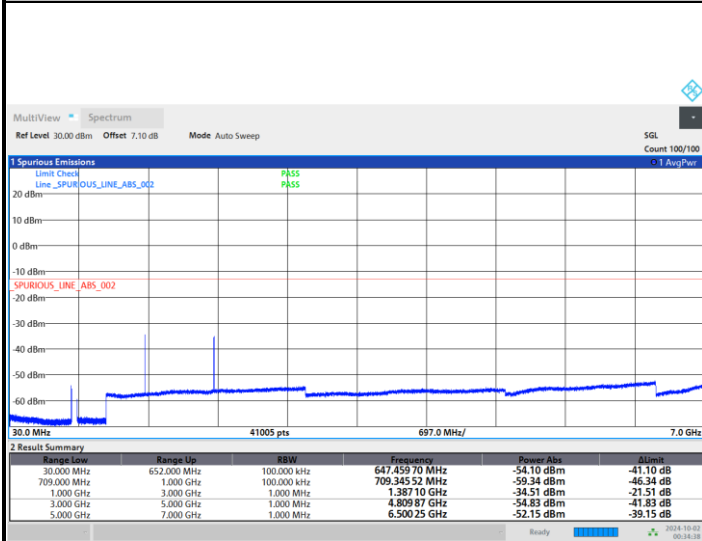
12:35:40 AM 10/02/2024

Middle Channel



12:36:41 AM 10/02/2024

Highest Channel



12:34:39 AM 10/02/2024

Frequency Stability

Test Conditions		FR1 n71 (BPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 20MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0016	PASS
40	Normal Voltage	0.0036	
30	Normal Voltage	0.0019	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0015	
0	Normal Voltage	0.0025	
-10	Normal Voltage	0.0038	
-20	Normal Voltage	0.0038	
-30	Normal Voltage	0.0047	
20	Maximum Voltage	0.0013	
20	Normal Voltage	0.0007	
20	Minimum Voltage	0.0013	

Note:

1. Normal Voltage = 4.2 V. ; Minimum Voltage = 3.4 V. ; Maximum Voltage = 4.4 V.
2. The frequency fundamental emissions stay within the authorized frequency block.

**FR1 n66**

<MIMO Mode>

<MIMO><Ant.0>

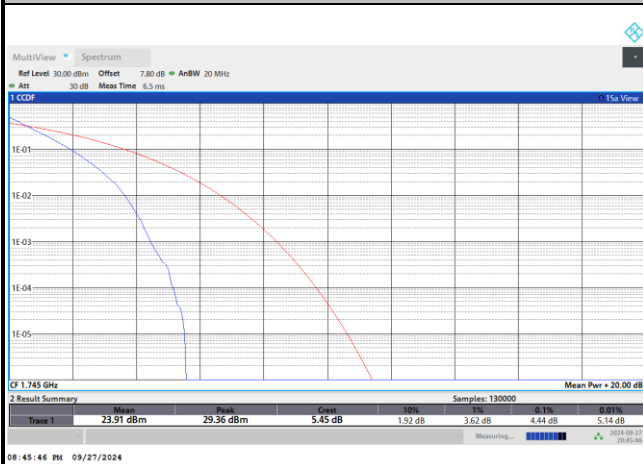
Peak-to-Average Ratio

Mode	FR1 n66 / 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	4.44	5.44	6.32	6.46	PASS
Mode	FR1 n66 / 20MHz / DFT-S OFDM				
Mod.	256QAM				Limit: 13dB
RB Size	Full RB				Result
Middle CH	6.64				PASS

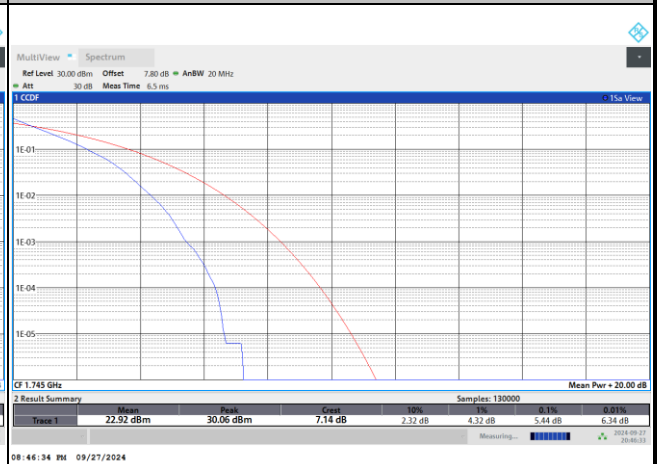


FR1 n66 / 20MHz / DFT-S OFDM / Middle Channel / Full RB

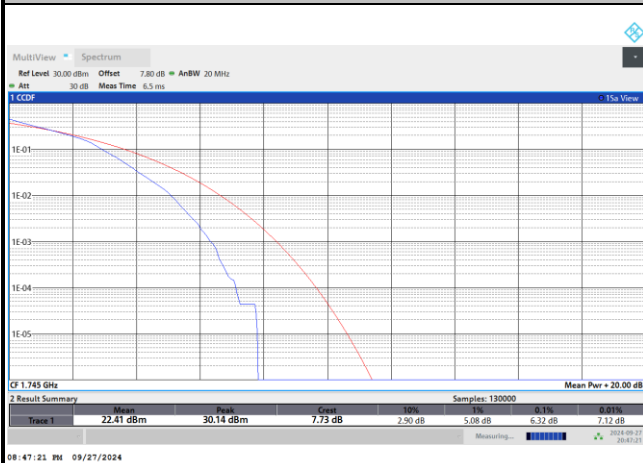
PI/2 BPSK



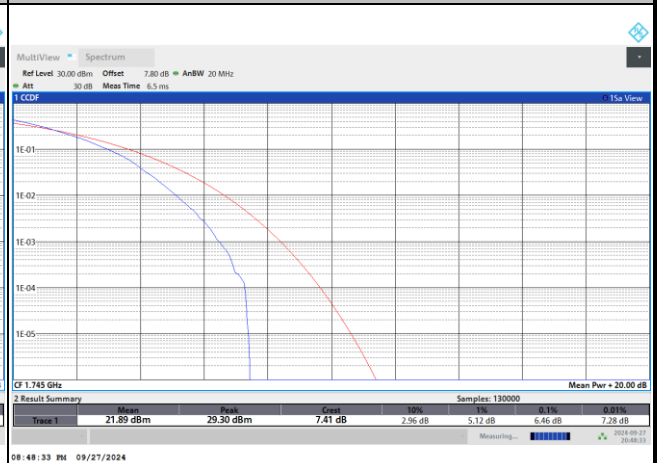
QPSK



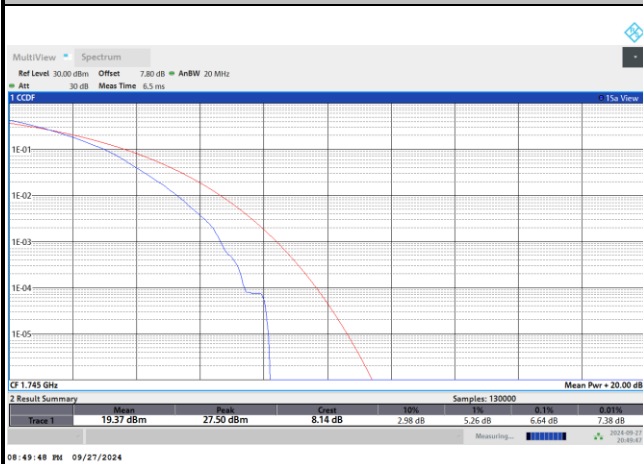
16QAM



64QAM



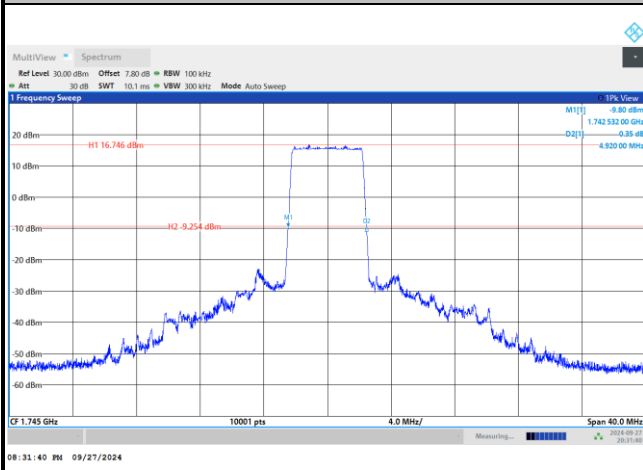
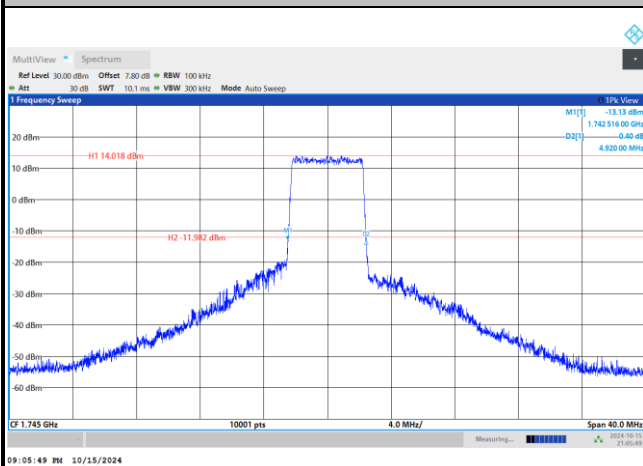
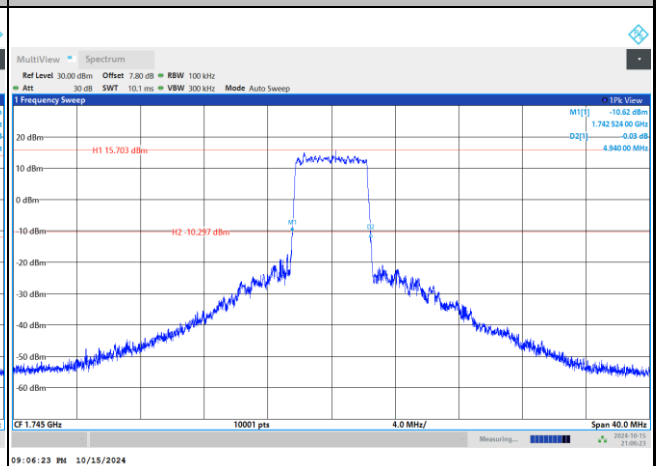
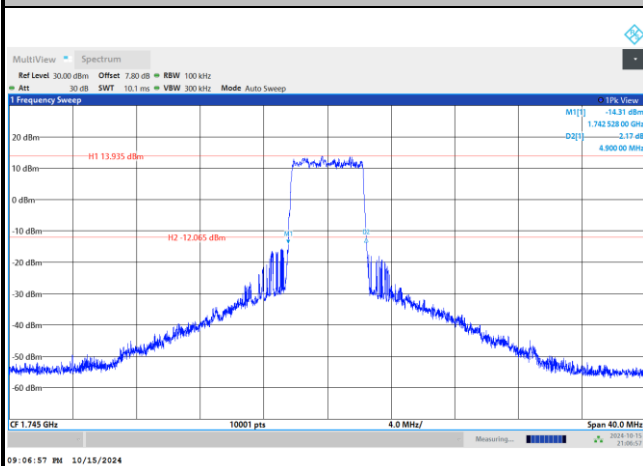
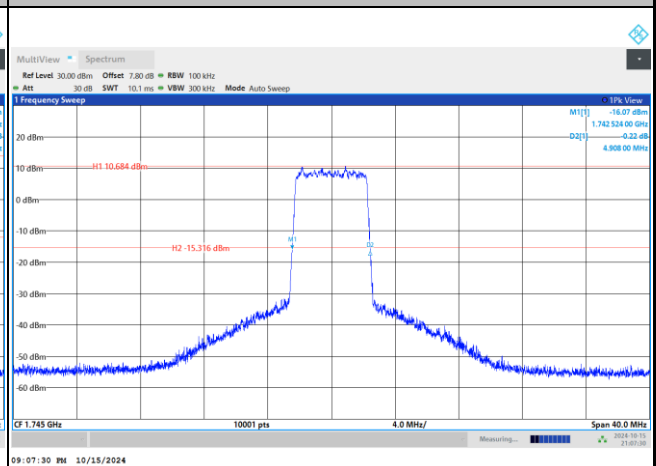
256QAM



**26dB Bandwidth**

Mode	FR1 n66 : 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	4.91		9.51		14.21		19.13	
BW	25MHz		30MHz		35MHz		40MHz	
Mod.	PI/2 BPSK		PI/2 BPSK		PI/2 BPSK		PI/2 BPSK	
Middle CH	24.16		30.94		34.60		41.10	
BW	45MHz							
Mod.	PI/2 BPSK							
Middle CH	45.22							

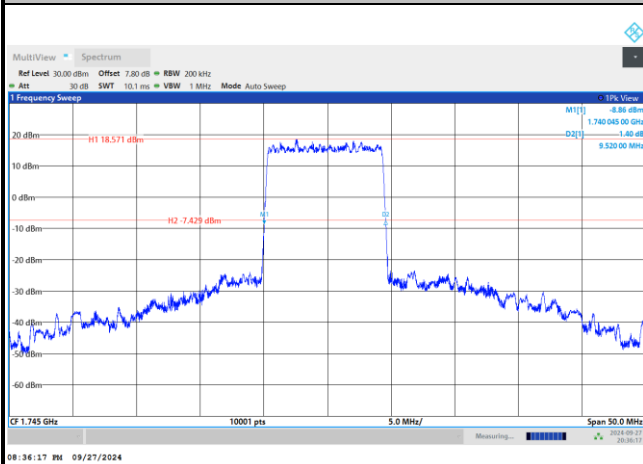
Mode	FR1 n66 : 26dB BW(MHz) / CP OFDM							
BW	5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	4.91	4.94	9.93	9.93	15.01	14.94	20.22	20.23
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Middle CH	4.90	4.90	9.89	9.92	14.93	14.94	20.23	20.19
BW	25MHz		30MHz		35MHz		40MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	25.03	25.19	33.35	31.05	36.14	36.15	41.35	41.50
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Middle CH	25.12	25.06	30.96	31.08	36.31	36.03	41.10	41.07
BW	45MHz							
Mod.	QPSK	16QAM						
Middle CH	45.78	45.93						
Mod.	64QAM	256QAM						
Middle CH	45.75	45.76						

FR1 n66 / 5MHz / DFT-S OFDM / Middle Channel / Full RB
PI/2 BPSK

FR1 n66 / 5MHz / CP OFDM / Middle Channel / Full RB
QPSK

16QAM

64QAM

256QAM




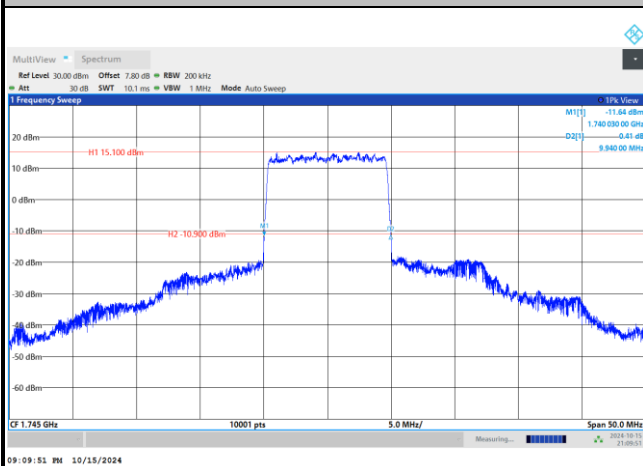
FR1 n66 / 10MHz / DFT-S OFDM / Middle Channel / Full RB

PI/2 BPSK

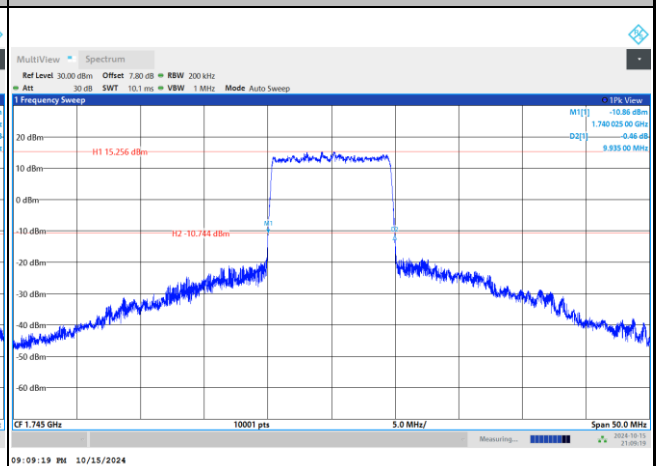


FR1 n66 / 10MHz / CP OFDM / Middle Channel / Full RB

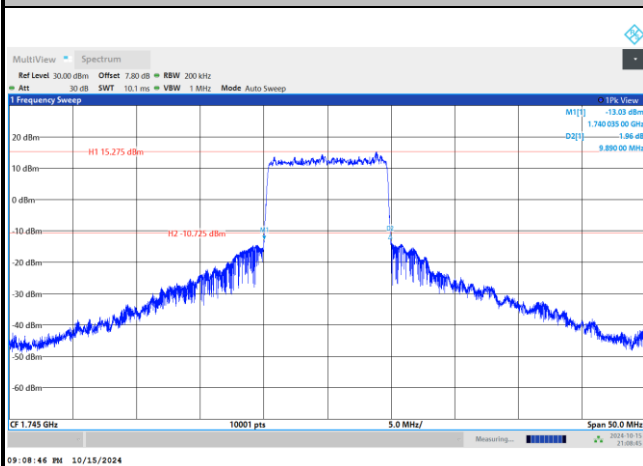
QPSK



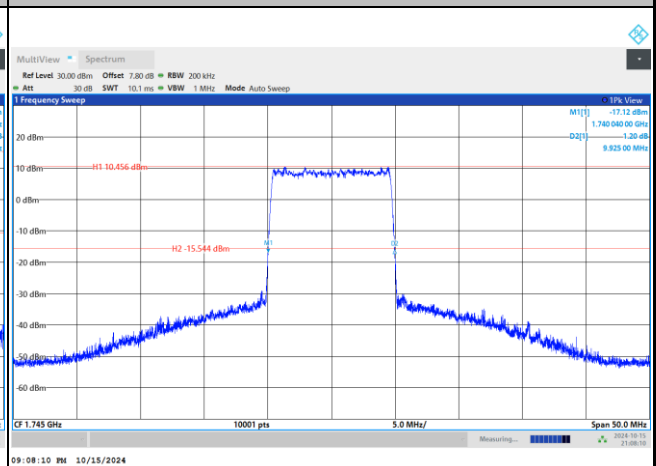
16QAM



64QAM



256QAM

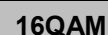




PI/2 BPSK



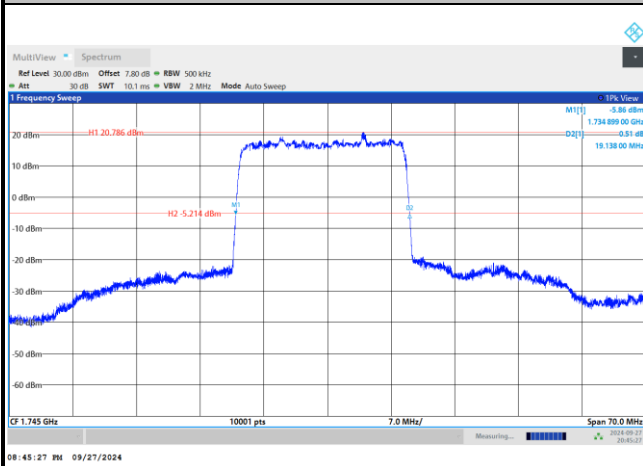
QPSK





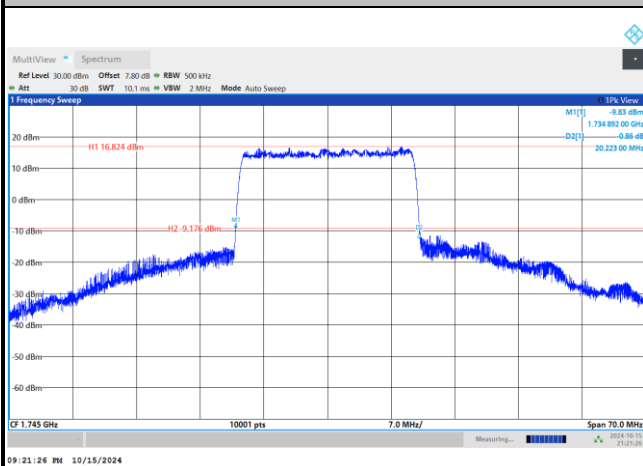
FR1 n66 / 20MHz / DFT-S OFDM / Middle Channel / Full RB

PI/2 BPSK

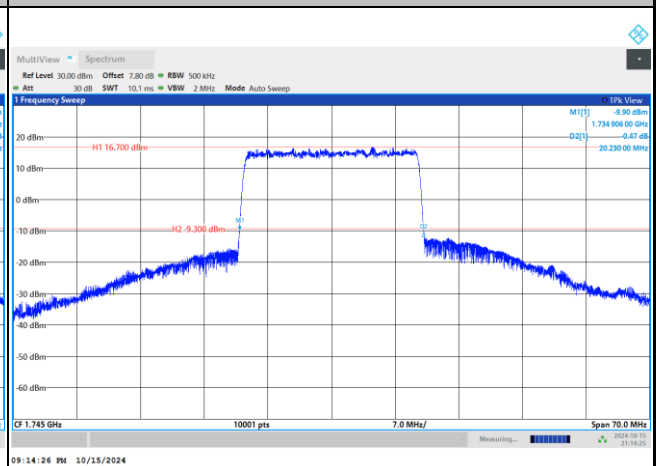


FR1 n66 / 20MHz / CP OFDM / Middle Channel / Full RB

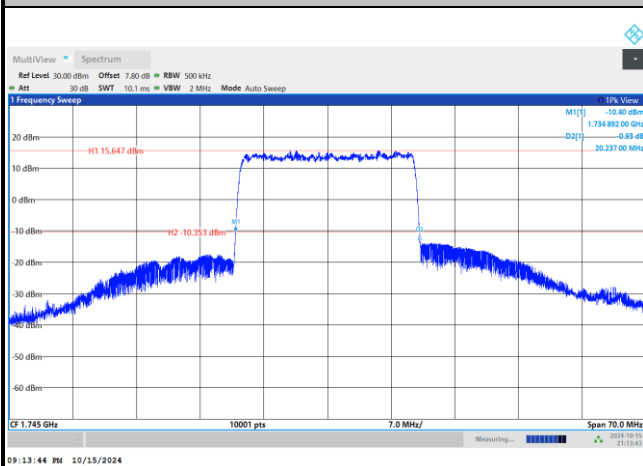
QPSK



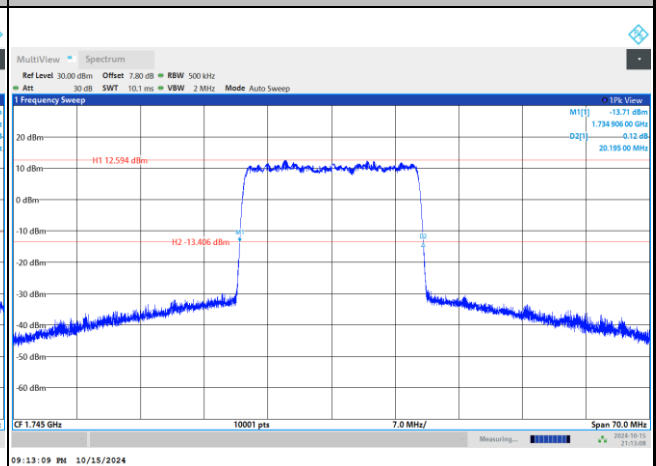
16QAM



64QAM



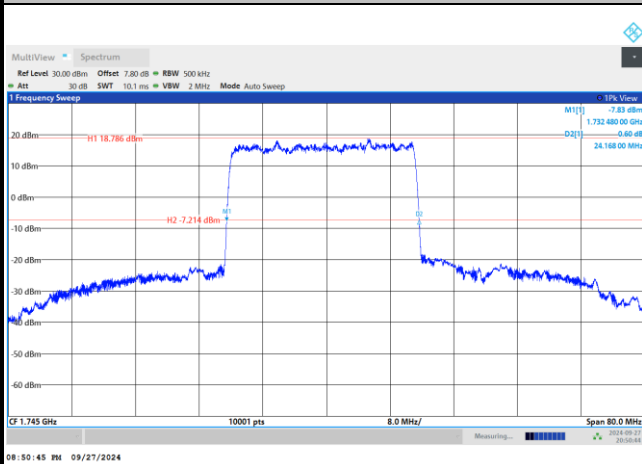
256QAM





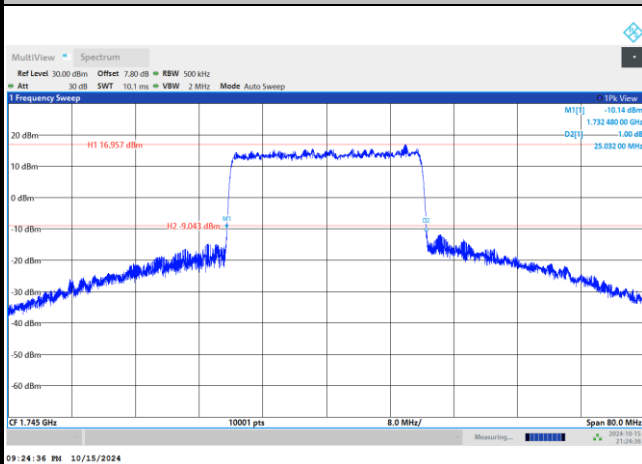
FR1 n66 / 25MHz / DFT-S OFDM / Middle Channel / Full RB

PI/2 BPSK

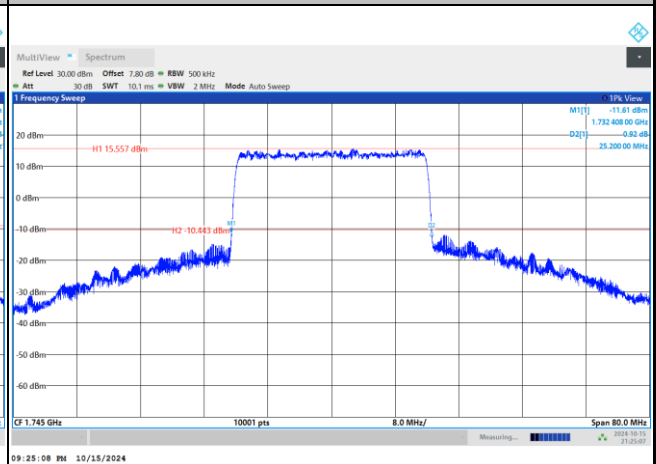


FR1 n66 / 25MHz / CP OFDM / Middle Channel / Full RB

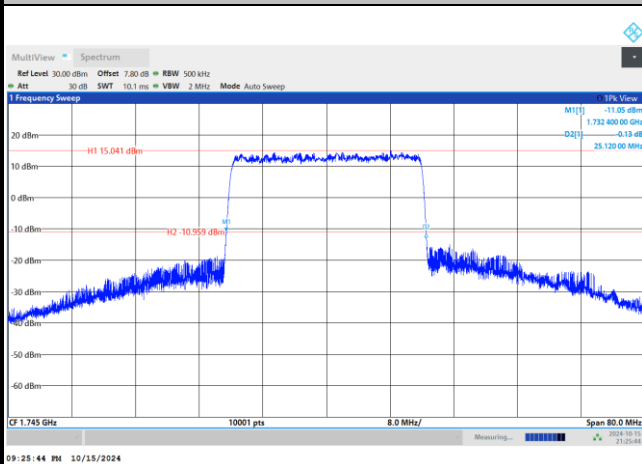
QPSK



16QAM



64QAM



256QAM

