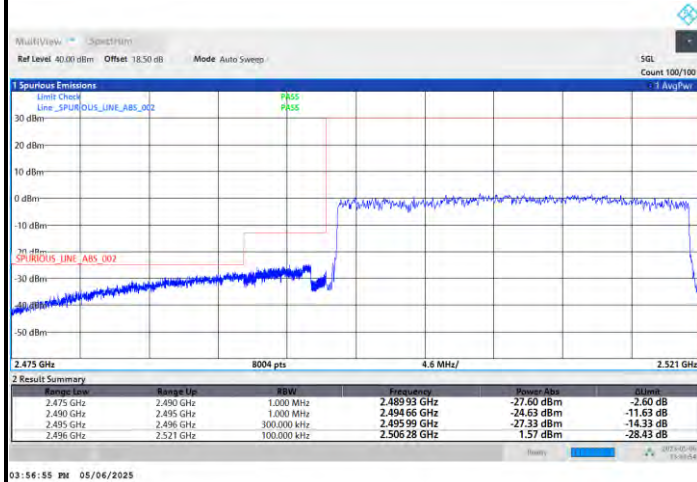


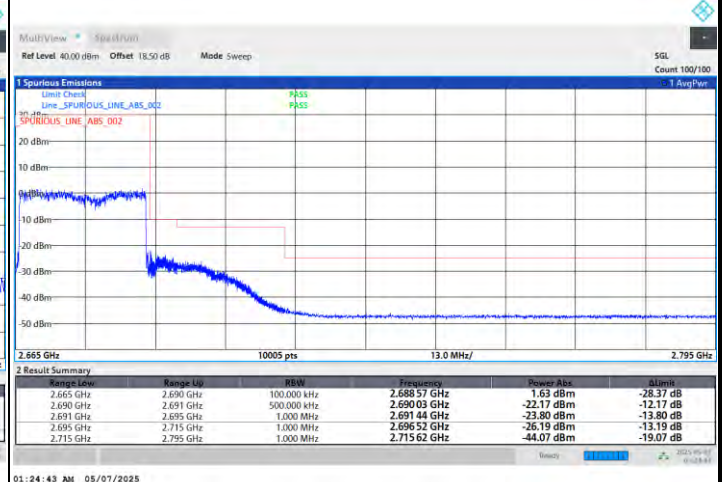


FR1 n41 / 25MHz / CP OFDM / 256QAM

Lowest Band Edge / Full RB



Highest Band Edge / Full RB





FR1 n41 / 30MHz / CP OFDM / QPSK

Lowest Band Edge / Full RB

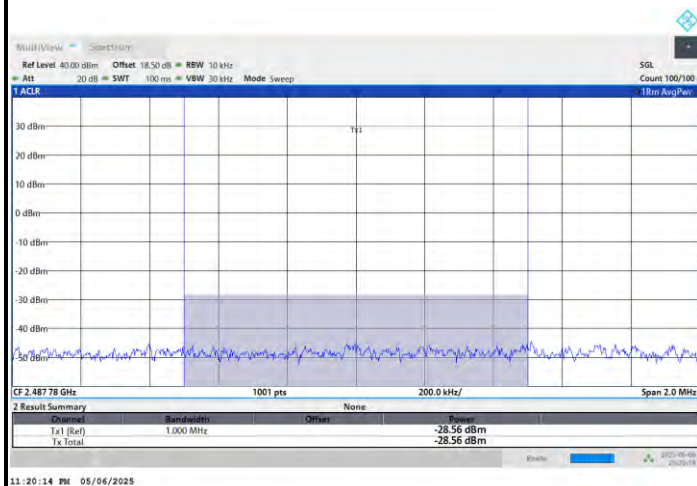


Highest Band Edge / Full RB



Lowest Channel Outer Full RB

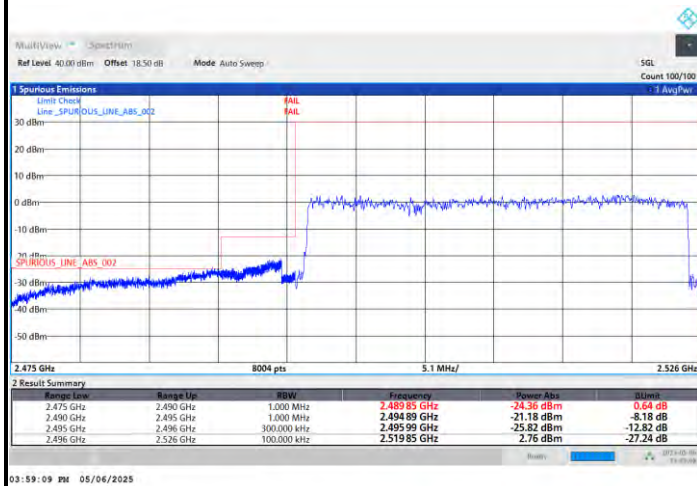
Channel power -25dBm > -28.56dBm (PASS)





FR1 n41 / 30MHz / CP OFDM / 16QAM

Lowest Band Edge / Full RB



03:59:09 PM 05/06/2025

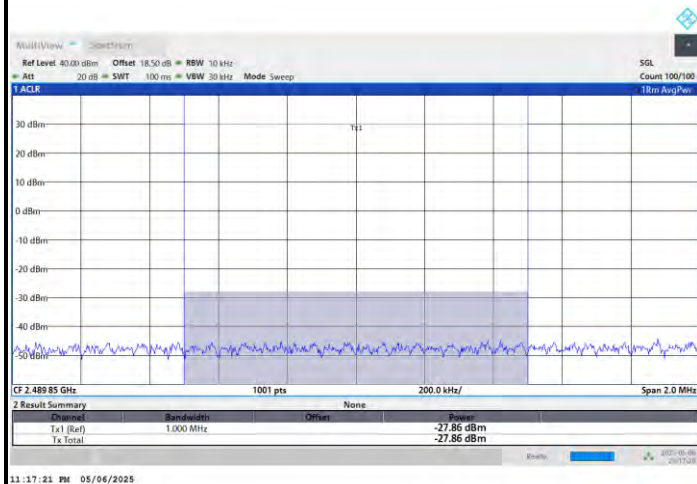
Highest Band Edge / Full RB



11:43:10 PM 05/06/2025

Lowest Channel Outer Full RB

Channel power -25dBm > -27.86dBm (PASS)

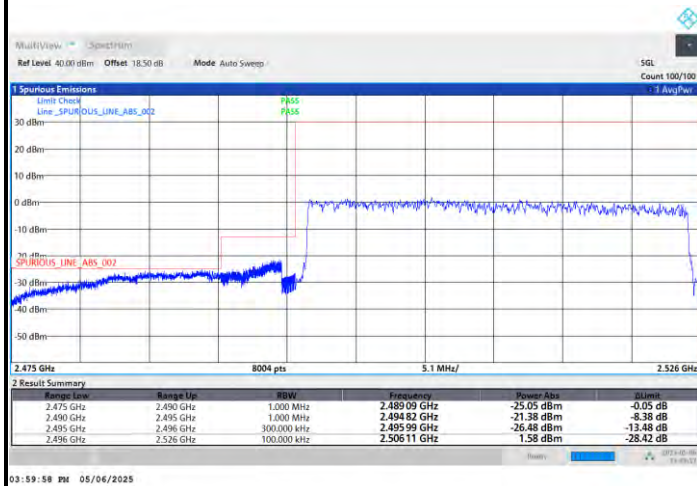


11:17:21 PM 05/06/2025



FR1 n41 / 30MHz / CP OFDM / 64QAM

Lowest Band Edge / Full RB



03:59:58 PM 05/06/2025

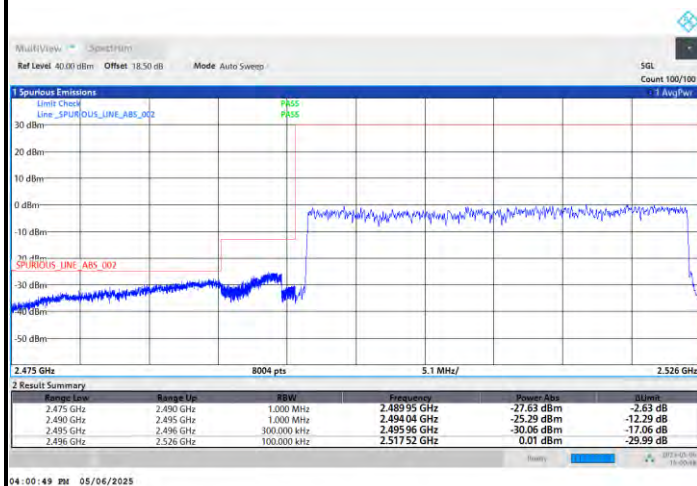
Highest Band Edge / Full RB



11:44:00 PM 05/06/2025

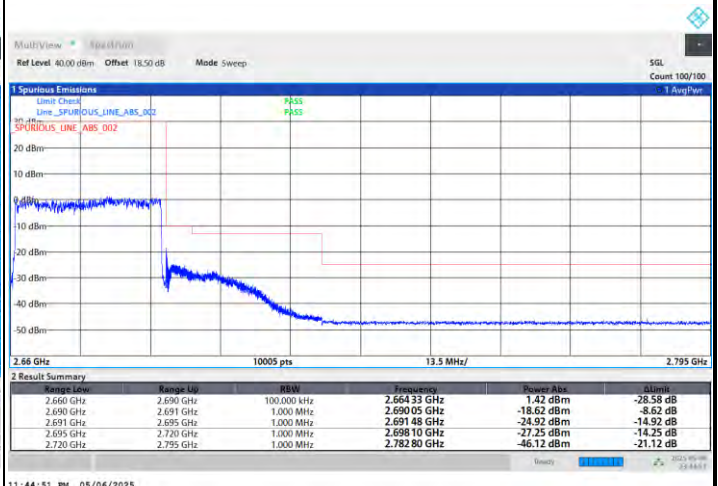
FR1 n41 / 30MHz / CP OFDM / 256QAM

Lowest Band Edge / Full RB



04:00:49 PM 05/06/2025

Highest Band Edge / Full RB

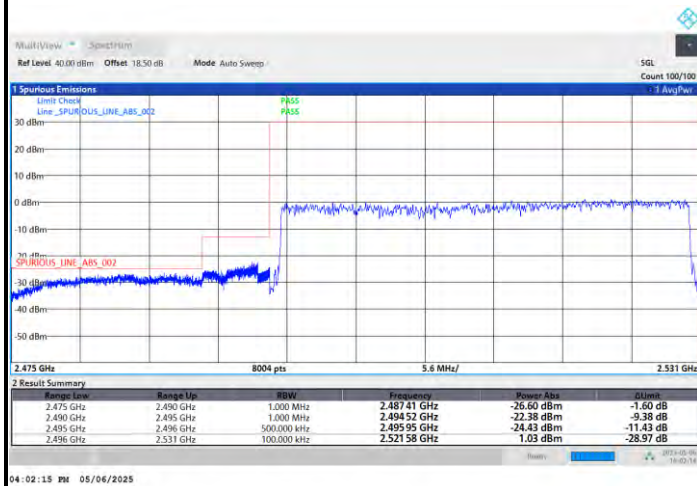


11:44:51 PM 05/06/2025

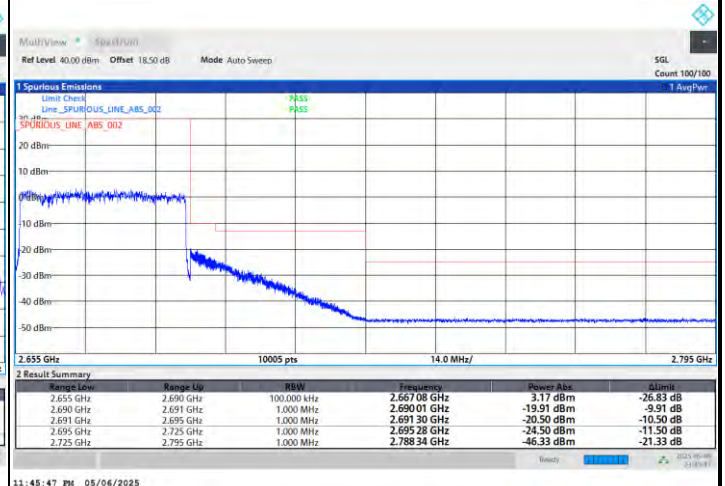


FR1 n41 / 35MHz / CP OFDM / QPSK

Lowest Band Edge / Full RB

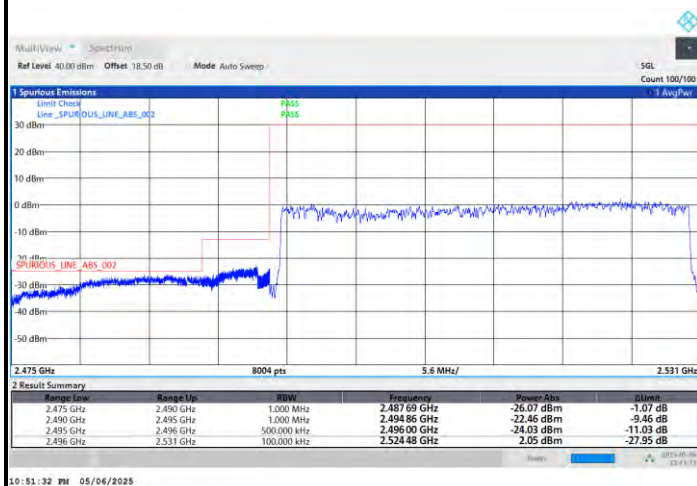


Highest Band Edge / Full RB

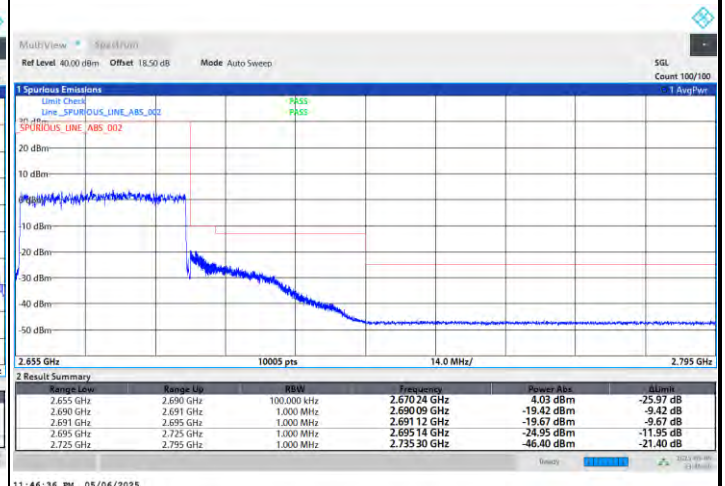


FR1 n41 / 35MHz / CP OFDM / 16QAM

Lowest Band Edge / Full RB



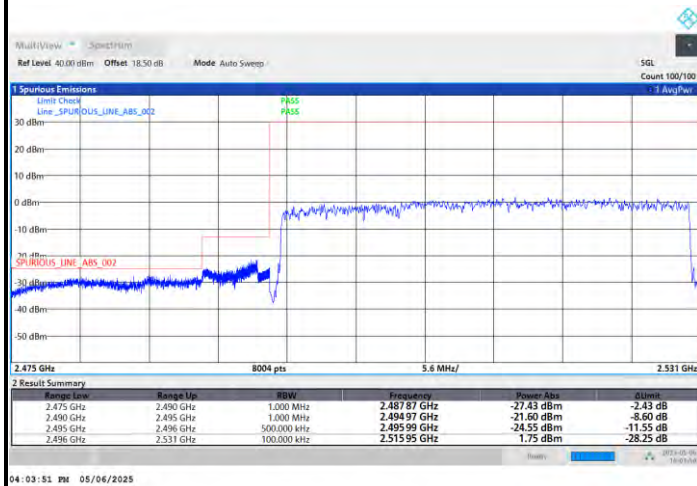
Highest Band Edge / Full RB





FR1 n41 / 35MHz / CP OFDM / 64QAM

Lowest Band Edge / Full RB

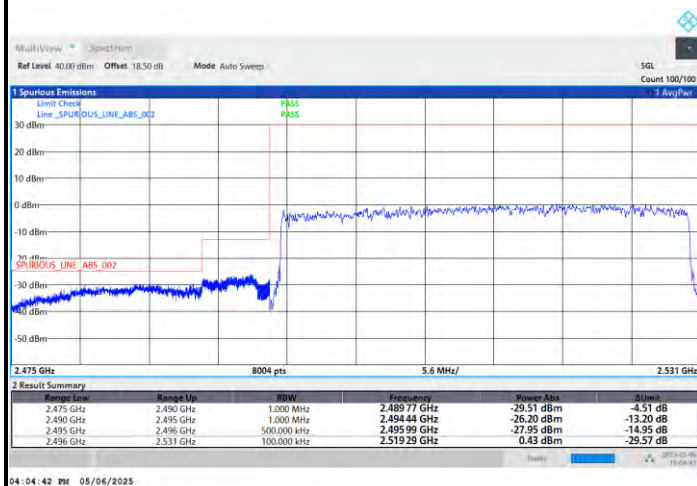


Highest Band Edge / Full RB

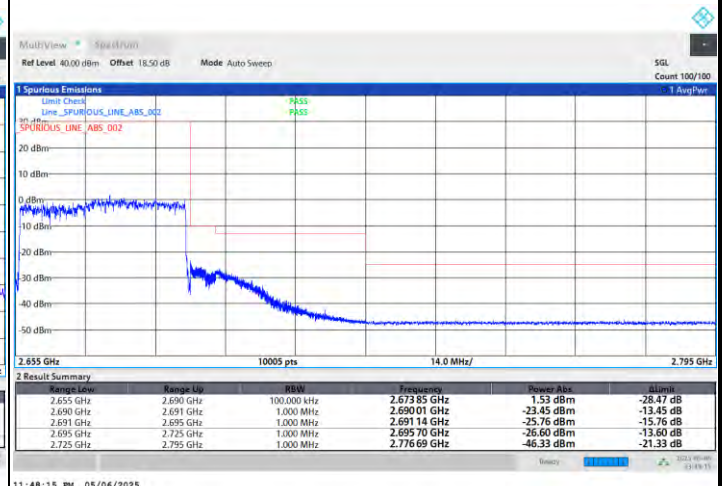


FR1 n41 / 35MHz / CP OFDM / 256QAM

Lowest Band Edge / Full RB



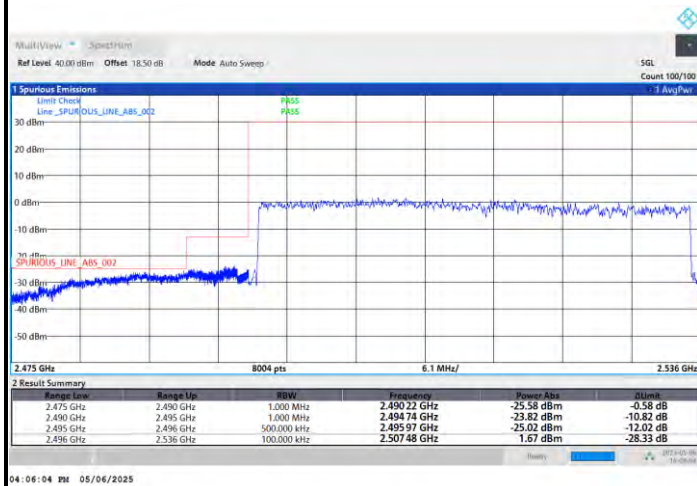
Highest Band Edge / Full RB





FR1 n41 / 40MHz / CP OFDM / QPSK

Lowest Band Edge / Full RB

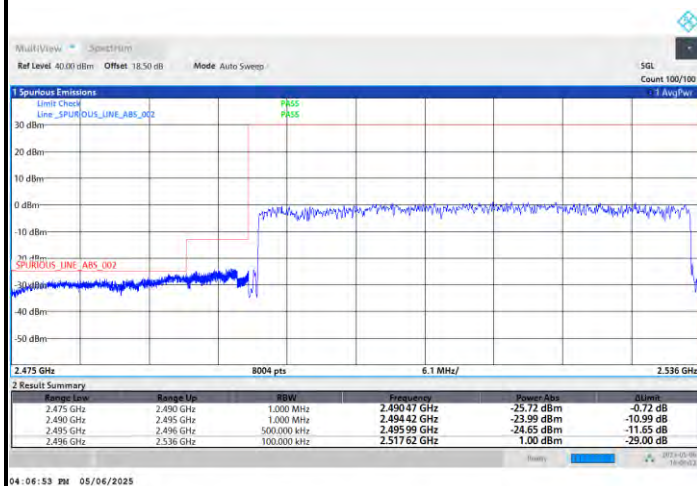


Highest Band Edge / Full RB



FR1 n41 / 40MHz / CP OFDM / 16QAM

Lowest Band Edge / Full RB



Highest Band Edge / Full RB





FR1 n41 / 40MHz / CP OFDM / 64QAM

Lowest Band Edge / Full RB



04:07:42 PM 05/06/2025

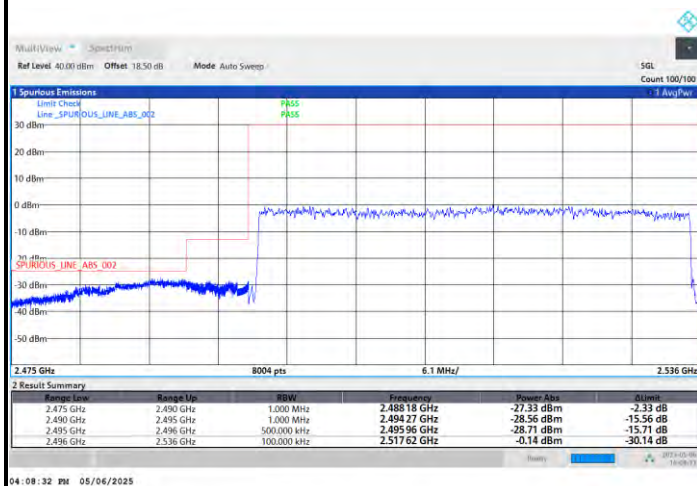
Highest Band Edge / Full RB



11:50:51 PM 05/06/2025

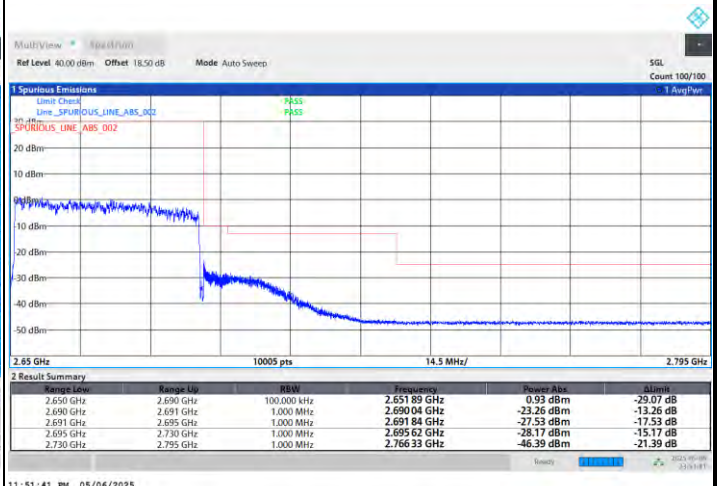
FR1 n41 / 40MHz / CP OFDM / 256QAM

Lowest Band Edge / Full RB

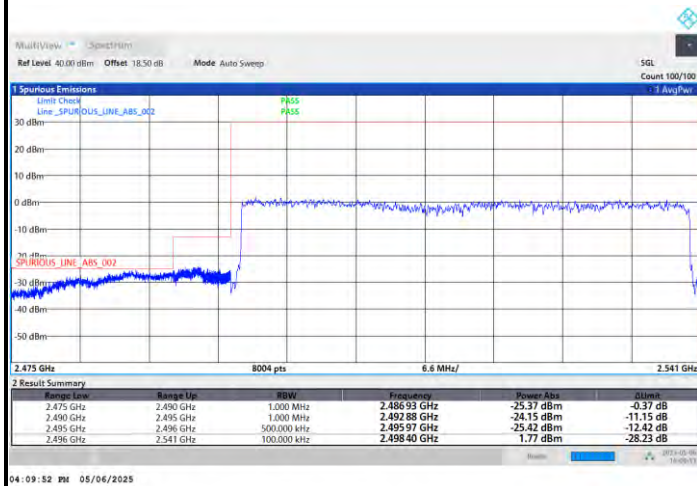


04:08:32 PM 05/06/2025

Highest Band Edge / Full RB



11:51:41 PM 05/06/2025

**FR1 n41 / 45MHz / CP OFDM / QPSK****Lowest Band Edge / Full RB**

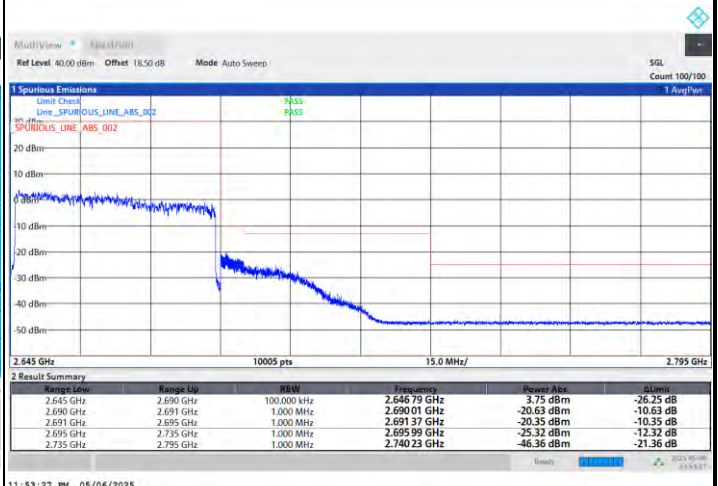
04:09:52 PM 05/06/2025

Highest Band Edge / Full RB

11:52:38 PM 05/06/2025

FR1 n41 / 45MHz / CP OFDM / 16QAM**Lowest Band Edge / Full RB**

04:10:41 PM 05/06/2025

Highest Band Edge / Full RB

11:53:27 PM 05/06/2025



FR1 n41 / 45MHz / CP OFDM / 64QAM

Lowest Band Edge / Full RB

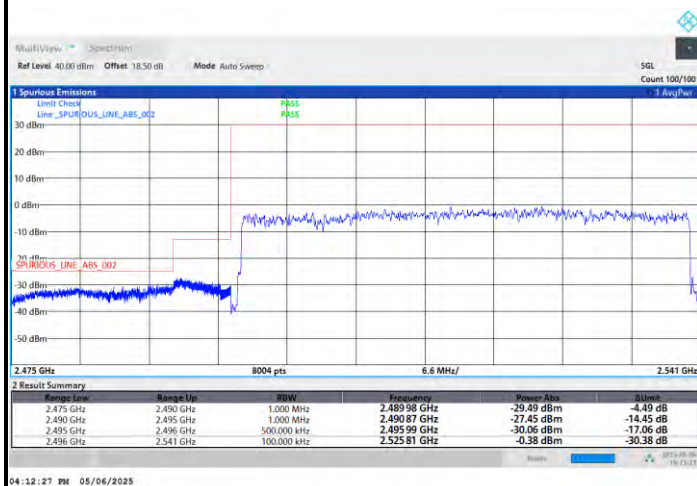


Highest Band Edge / Full RB

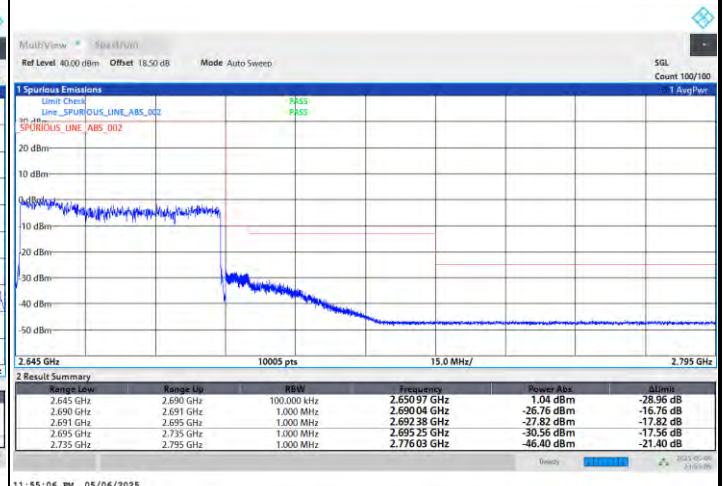


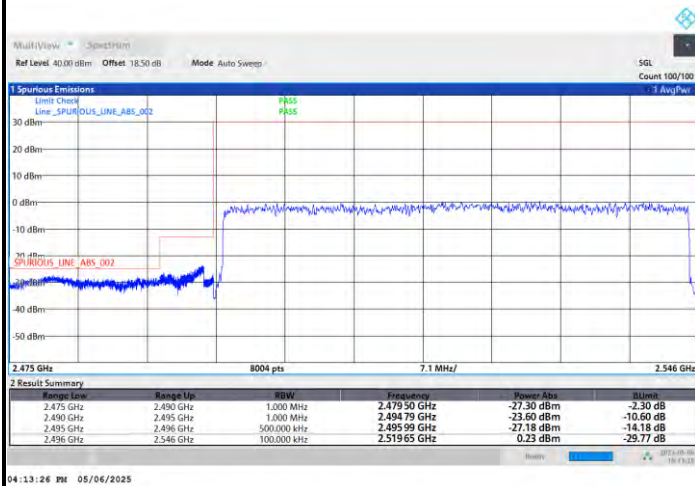
FR1 n41 / 45MHz / CP OFDM / 256QAM

Lowest Band Edge / Full RB

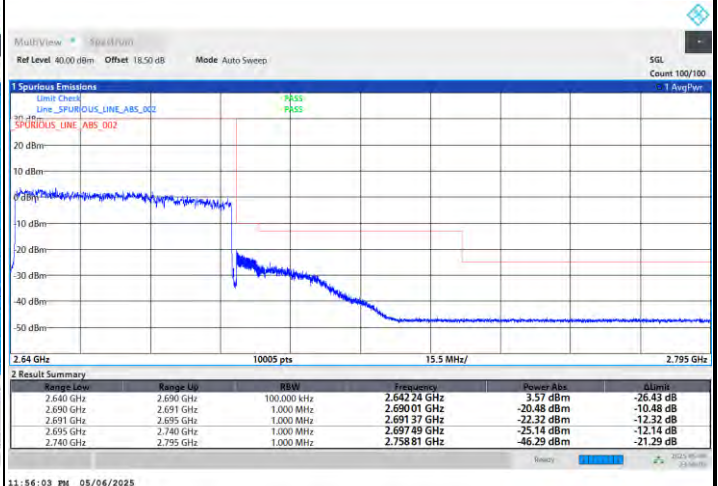


Highest Band Edge / Full RB

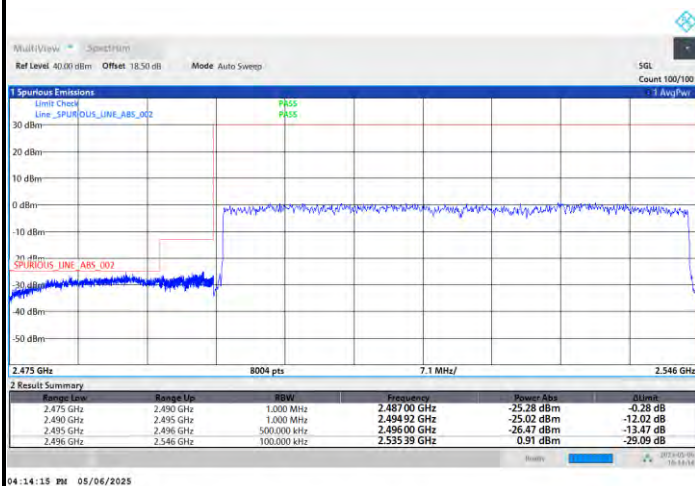


**FR1 n41 / 50MHz / CP OFDM / QPSK****Lowest Band Edge / Full RB**

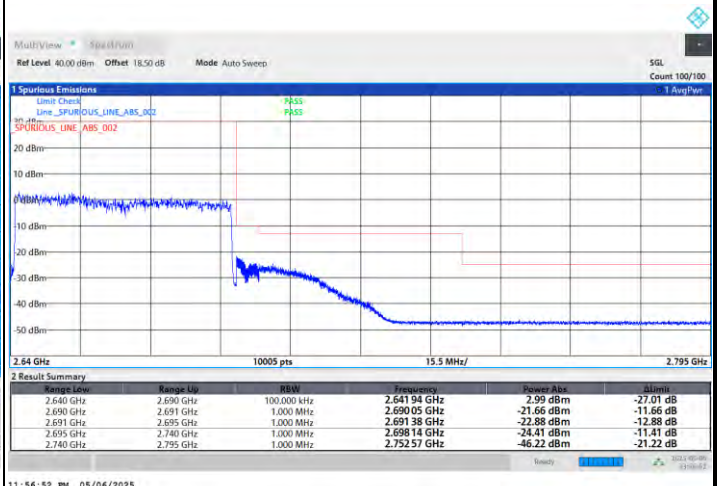
04:13:26 PM 05/06/2025

Highest Band Edge / Full RB

11:56:03 PM 05/06/2025

FR1 n41 / 50MHz / CP OFDM / 16QAM**Lowest Band Edge / Full RB**

04:14:15 PM 05/06/2025

Highest Band Edge / Full RB

11:56:52 PM 05/06/2025

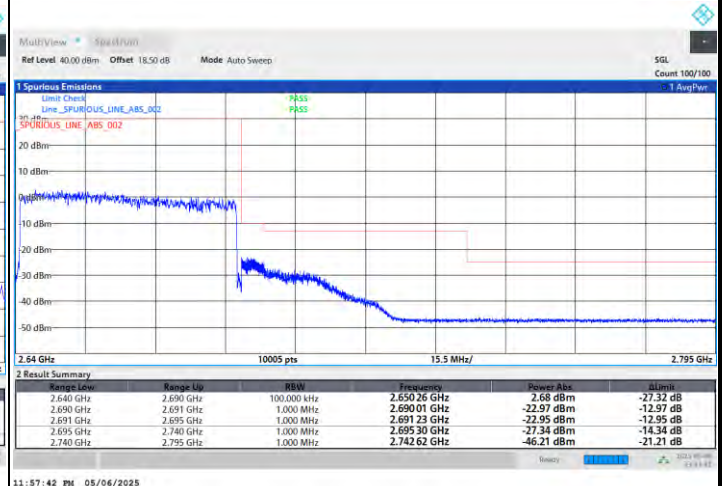


FR1 n41 / 50MHz / CP OFDM / 64QAM

Lowest Band Edge / Full RB



Highest Band Edge / Full RB

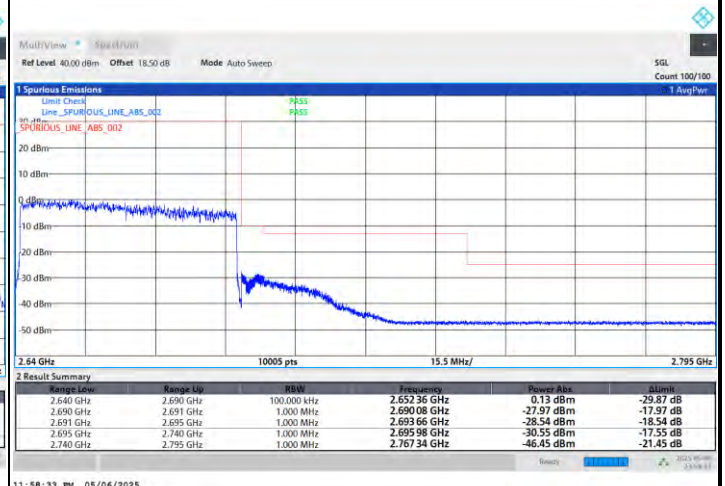


FR1 n41 / 50MHz / CP OFDM / 256QAM

Lowest Band Edge / Full RB



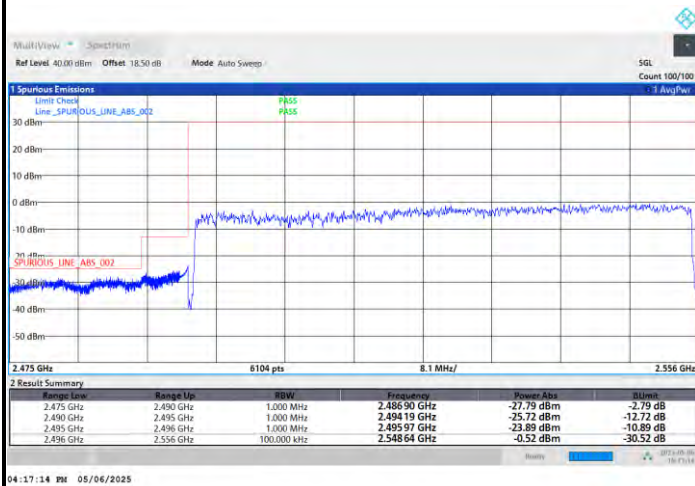
Highest Band Edge / Full RB





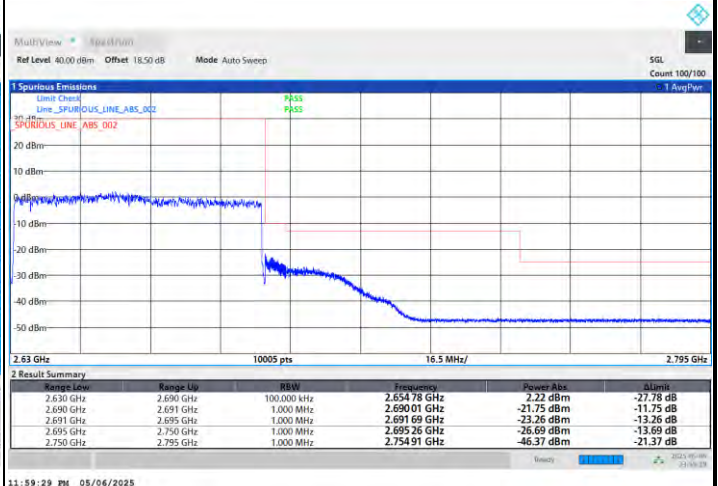
FR1 n41 / 60MHz / CP OFDM / QPSK

Lowest Band Edge / Full RB



04:17:14 PM 05/06/2025

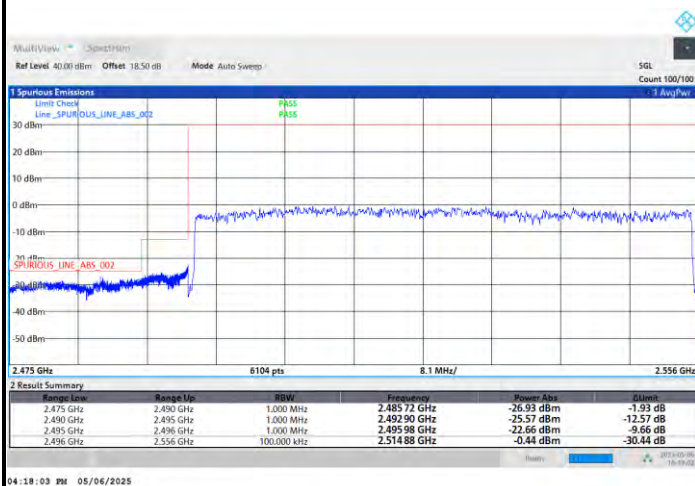
Highest Band Edge / Full RB



11:59:29 PM 05/06/2025

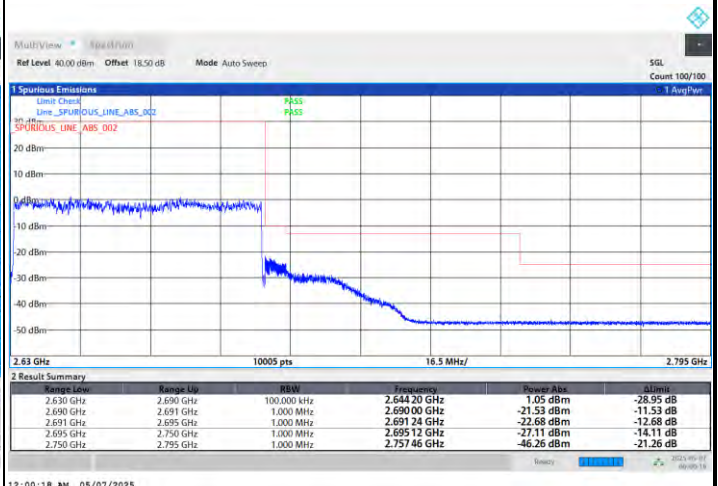
FR1 n41 / 60MHz / CP OFDM / 16QAM

Lowest Band Edge / Full RB



04:18:03 PM 05/06/2025

Highest Band Edge / Full RB

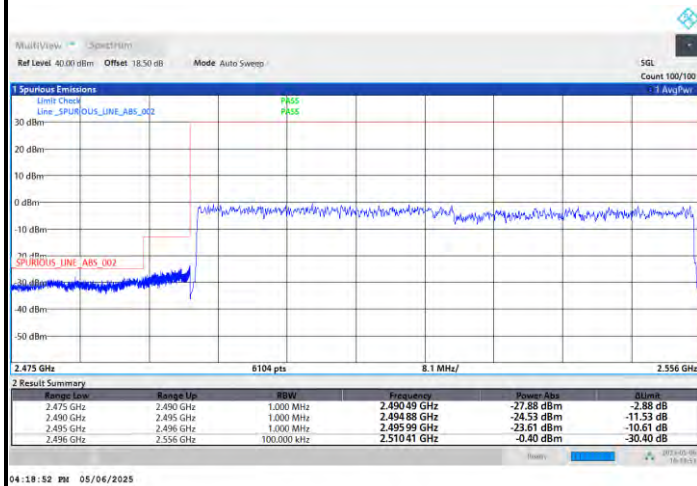


12:00:18 PM 05/07/2025



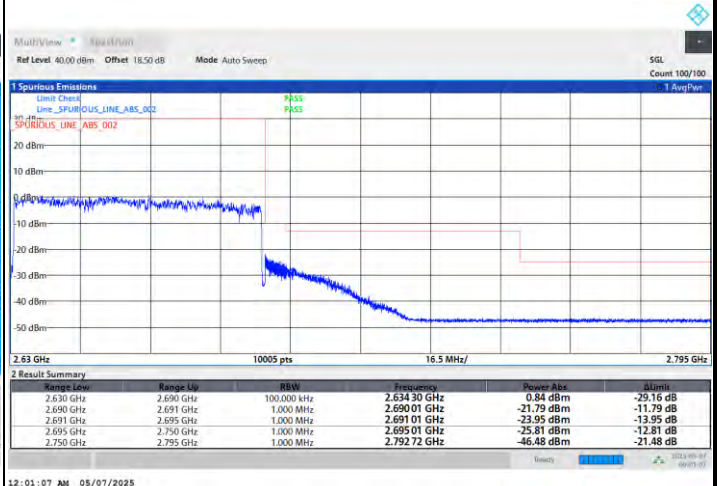
FR1 n41 / 60MHz / CP OFDM / 64QAM

Lowest Band Edge / Full RB



04:18:52 PM 05/06/2025

Highest Band Edge / Full RB



12:01:07 AM 05/07/2025

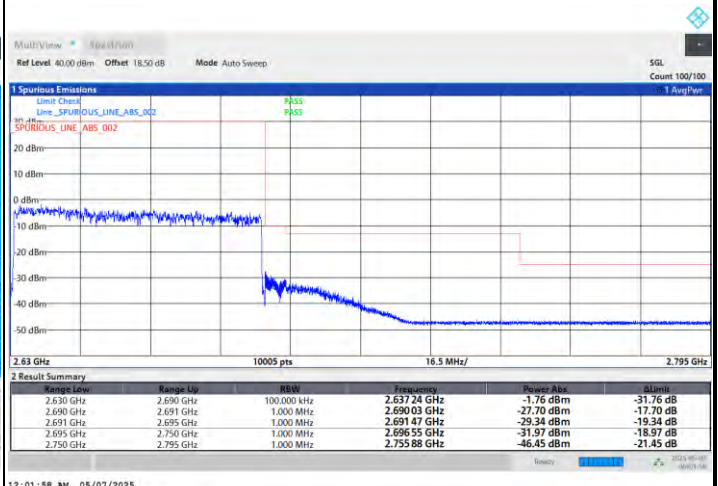
FR1 n41 / 60MHz / CP OFDM / 256QAM

Lowest Band Edge / Full RB



04:19:42 PM 05/06/2025

Highest Band Edge / Full RB

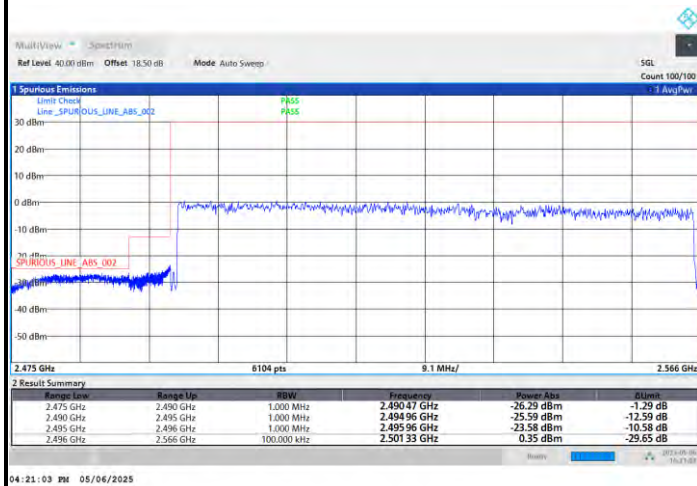


12:01:58 AM 05/07/2025



FR1 n41 / 70MHz / CP OFDM / QPSK

Lowest Band Edge / Full RB



04:21:03 PM 05/06/2025

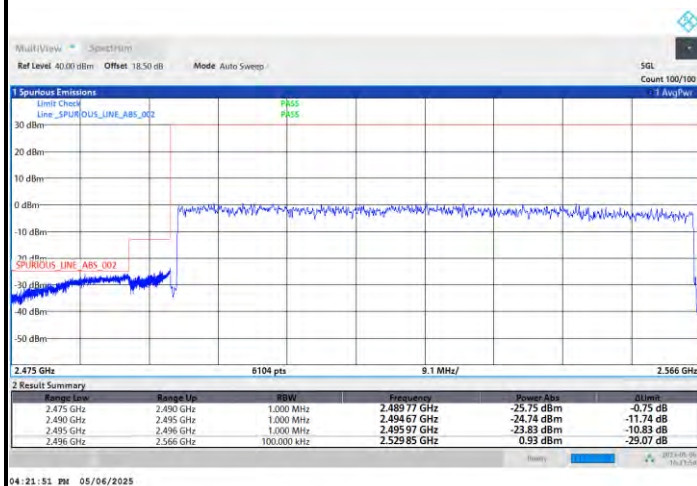
Highest Band Edge / Full RB



12:02:55 AM 05/07/2025

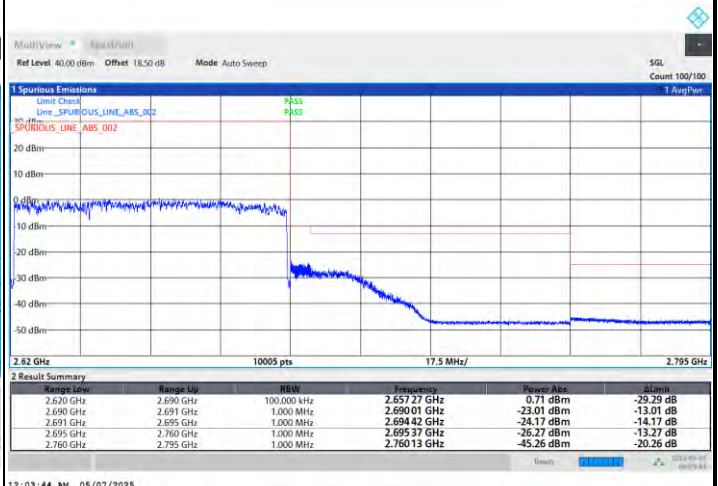
FR1 n41 / 70MHz / CP OFDM / 16QAM

Lowest Band Edge / Full RB



04:21:51 PM 05/06/2025

Highest Band Edge / Full RB

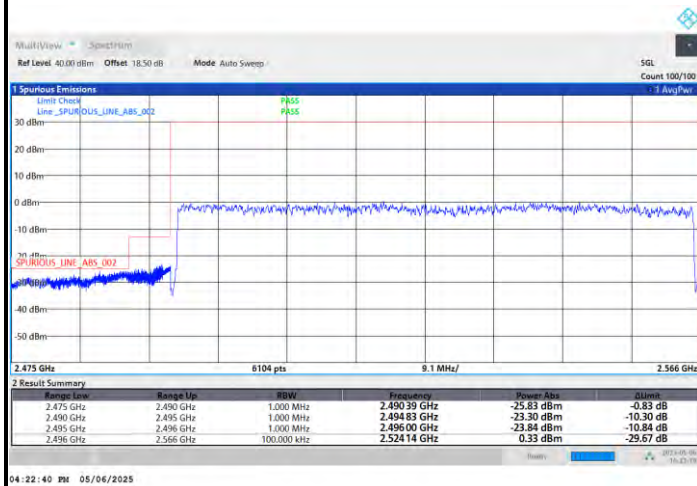


12:03:44 AM 05/07/2025

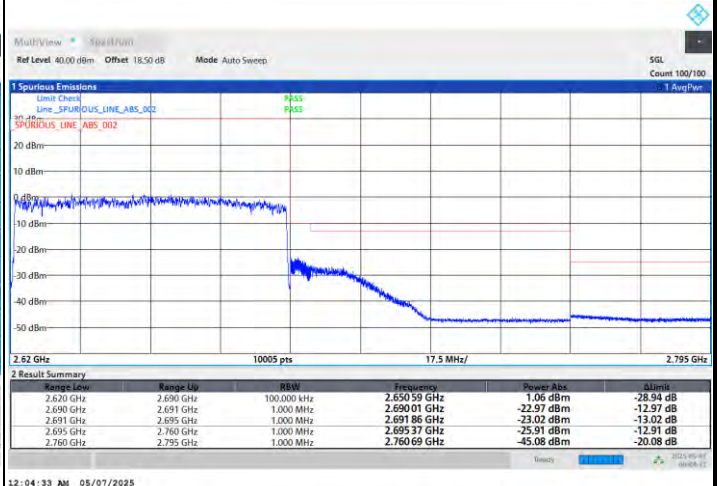


FR1 n41 / 70MHz / CP OFDM / 64QAM

Lowest Band Edge / Full RB

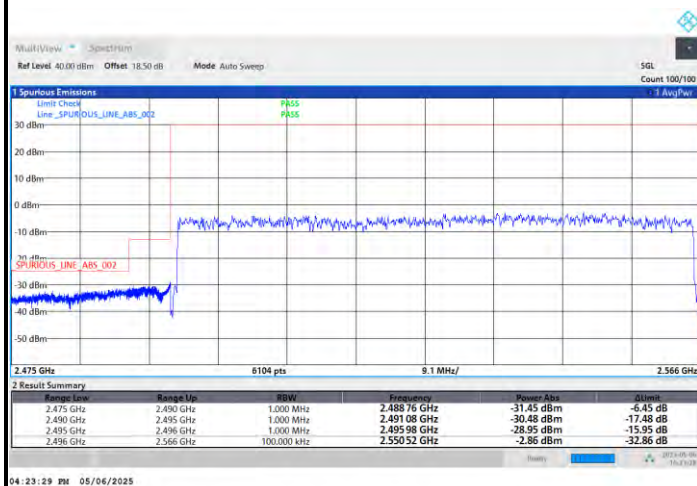


Highest Band Edge / Full RB

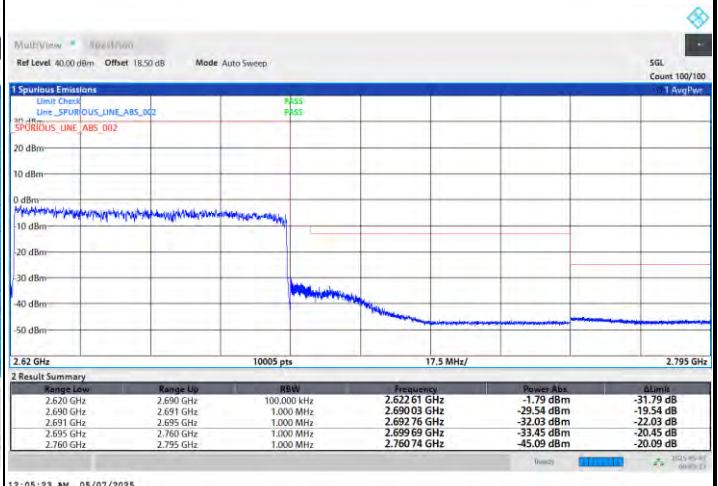


FR1 n41 / 70MHz / CP OFDM / 256QAM

Lowest Band Edge / Full RB



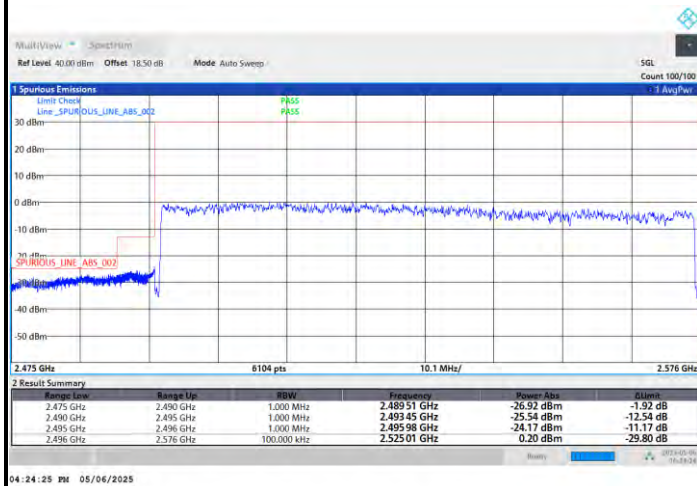
Highest Band Edge / Full RB





FR1 n41 / 80MHz / CP OFDM / QPSK

Lowest Band Edge / Full RB



04:24:25 PM 05/06/2025

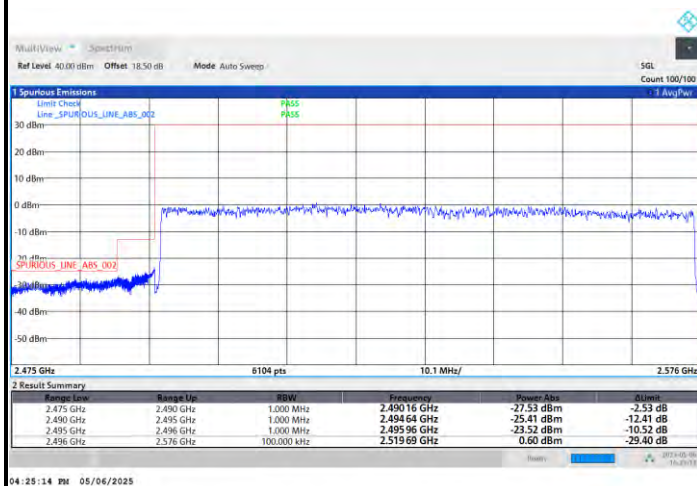
Highest Band Edge / Full RB



12:06:20 AM 05/07/2025

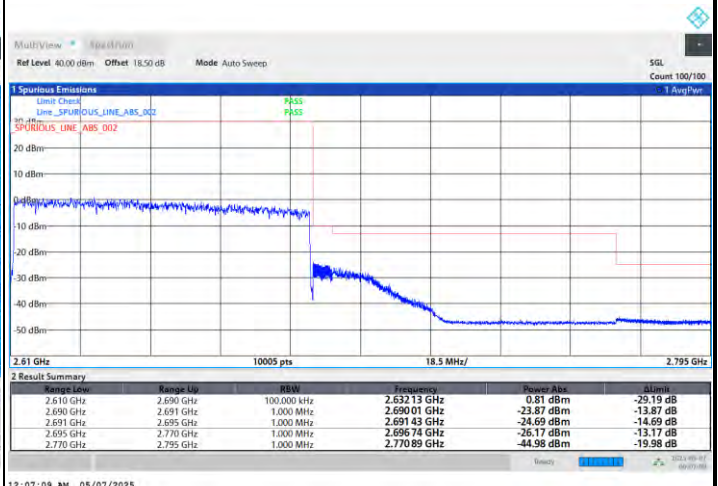
FR1 n41 / 80MHz / CP OFDM / 16QAM

Lowest Band Edge / Full RB



04:25:14 PM 05/06/2025

Highest Band Edge / Full RB

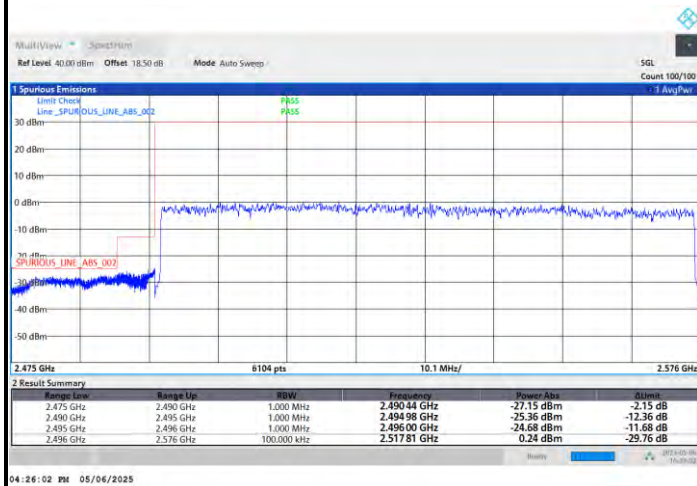


12:07:09 AM 05/07/2025



FR1 n41 / 80MHz / CP OFDM / 64QAM

Lowest Band Edge / Full RB



04:26:02 PM 05/06/2025

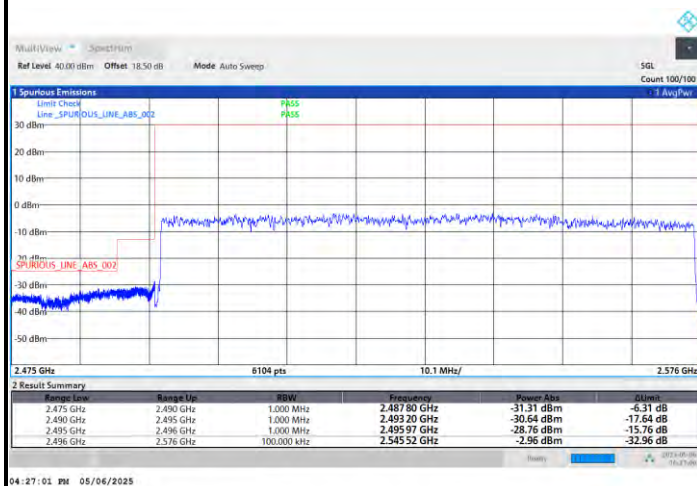
Highest Band Edge / Full RB



12:07:58 AM 05/07/2025

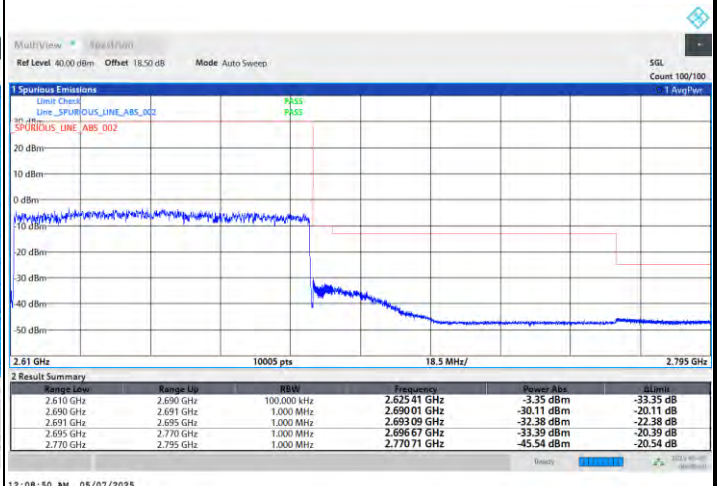
FR1 n41 / 80MHz / CP OFDM / 256QAM

Lowest Band Edge / Full RB



04:27:01 PM 05/06/2025

Highest Band Edge / Full RB

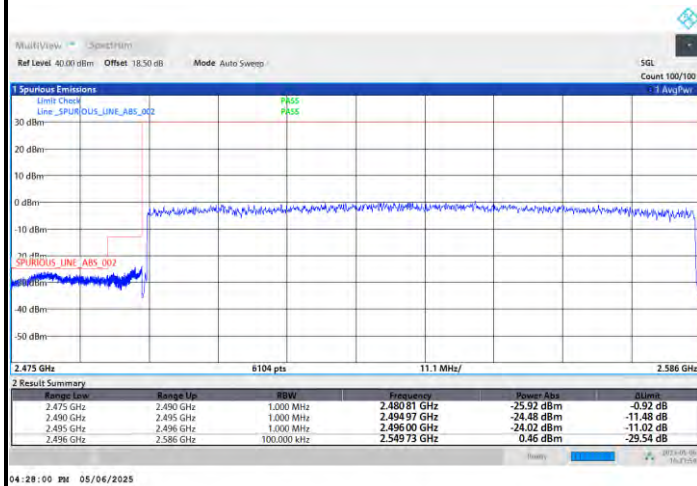


12:08:50 AM 05/07/2025



FR1 n41 / 90MHz / CP OFDM / QPSK

Lowest Band Edge / Full RB



04:28:00 PM 05/06/2025

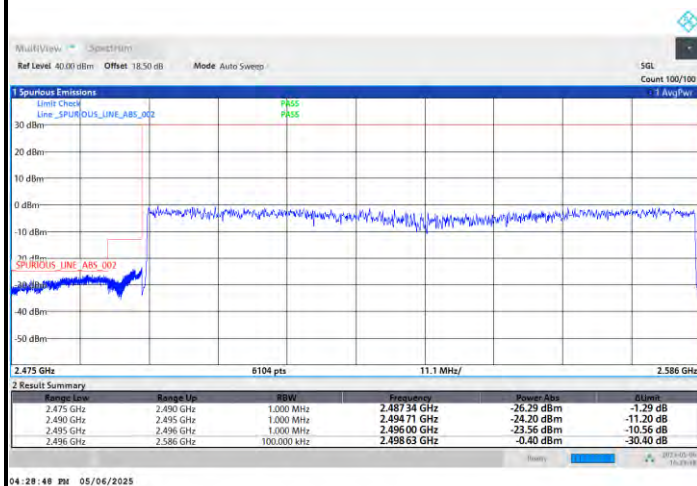
Highest Band Edge / Full RB



12:09:48 AM 05/07/2025

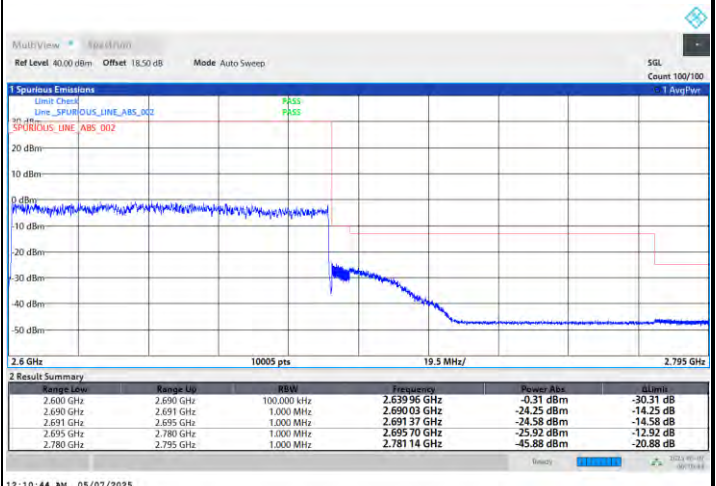
FR1 n41 / 90MHz / CP OFDM / 16QAM

Lowest Band Edge / Full RB



04:28:48 PM 05/06/2025

Highest Band Edge / Full RB



12:10:44 AM 05/07/2025



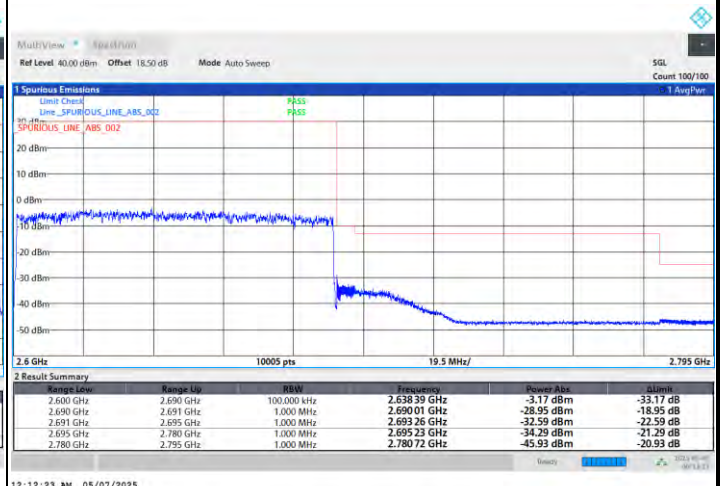
FR1 n41 / 90MHz / CP OFDM / 64QAM

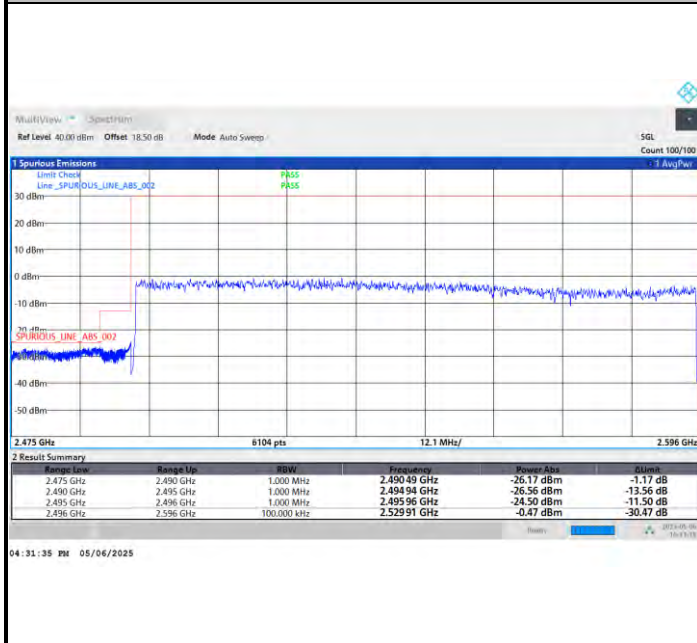
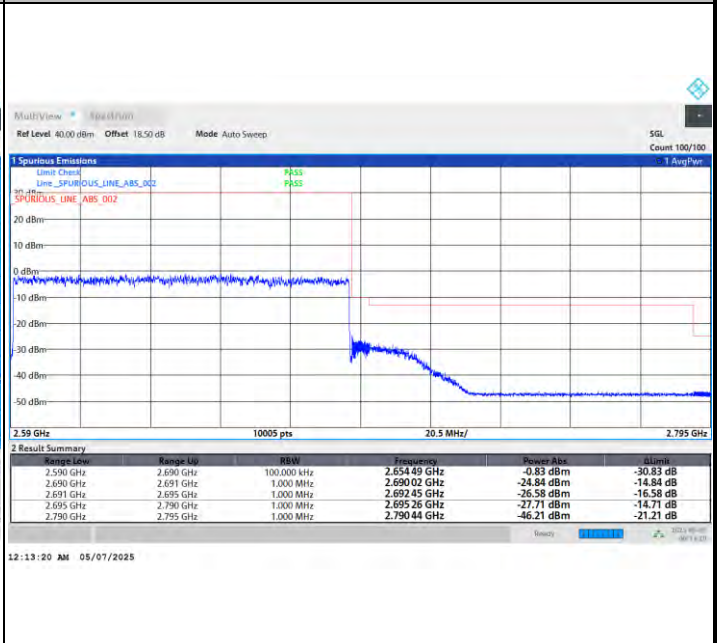
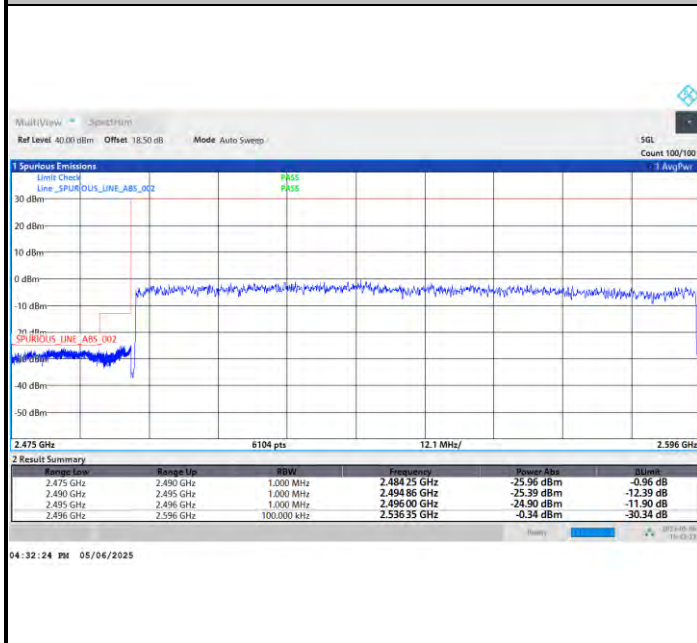
Highest Band Edge / Full RB



FR1 n41 / 90MHz / CP OFDM / 256QAM

Highest Band Edge / Full RB

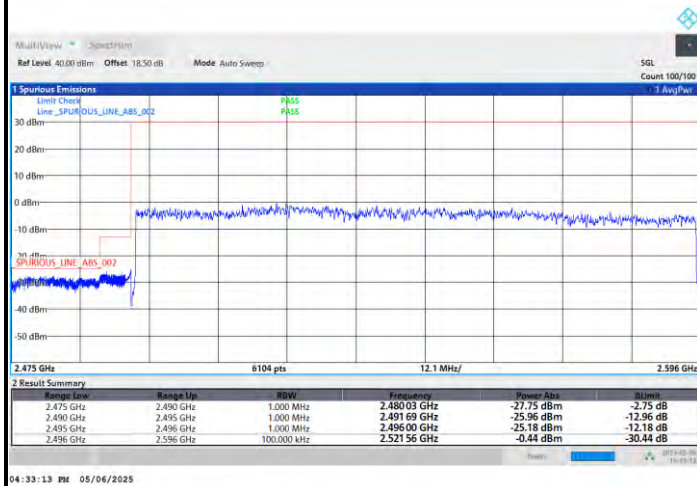


**FR1 n41 / 100MHz / CP OFDM / QPSK****Lowest Band Edge / Full RB****Highest Band Edge / Full RB****FR1 n41 / 100MHz / CP OFDM / 16QAM****Lowest Band Edge / Full RB****Highest Band Edge / Full RB**



FR1 n41 / 100MHz / CP OFDM / 64QAM

Lowest Band Edge / Full RB



04:33:13 PM 05/06/2025

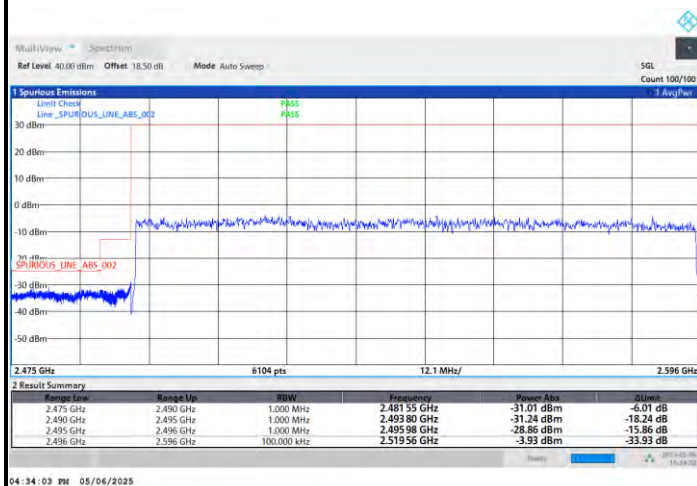
Highest Band Edge / Full RB



12:15:00 AM 05/07/2025

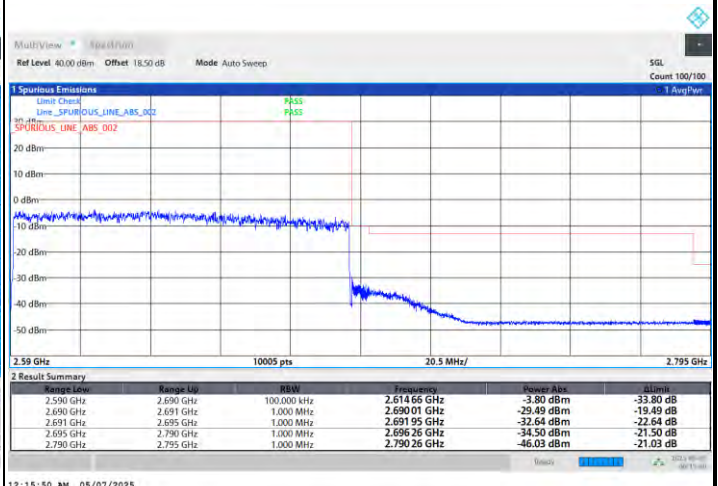
FR1 n41 / 100MHz / CP OFDM / 256QAM

Lowest Band Edge / Full RB



04:34:03 PM 05/06/2025

Highest Band Edge / Full RB



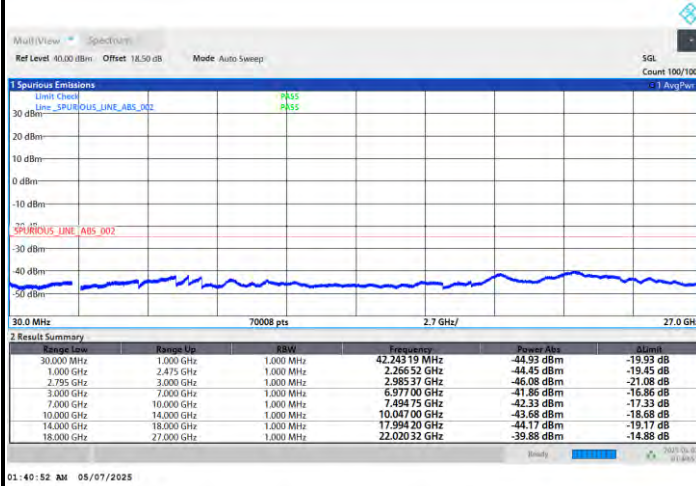
12:15:50 AM 05/07/2025



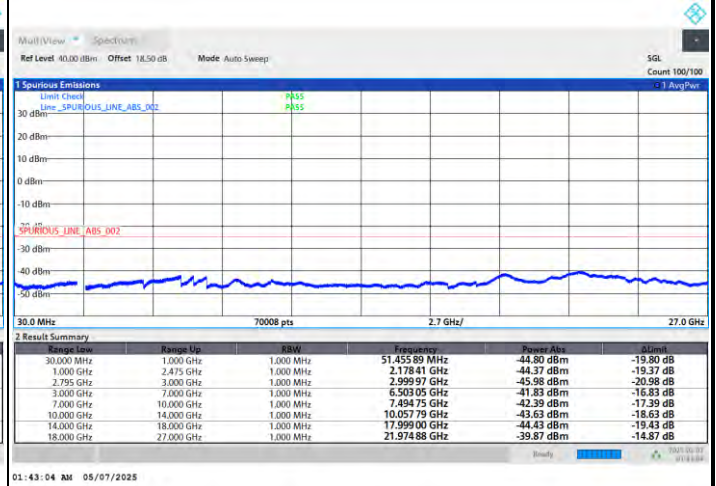
Conducted Spurious Emission

FR1 n41 / 10MHz / CP OFDM / QPSK / 1RB1

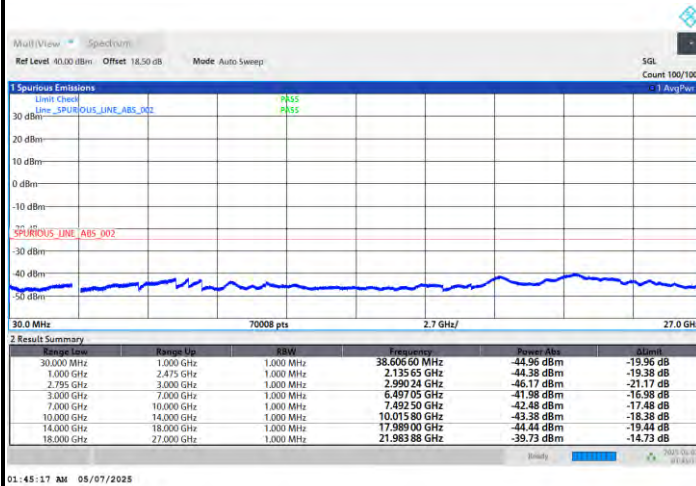
Lowest Channel



Middle Channel



Highest Channel



Frequency Stability

Test Conditions		FR1 n41 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0015	PASS
40	Normal Voltage	0.0003	
30	Normal Voltage	0.0005	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0022	
0	Normal Voltage	0.0017	
-10	Normal Voltage	0.0012	
-20	Normal Voltage	0.0037	
-30	Normal Voltage	0.0008	
20	Maximum Voltage	0.0008	
20	Normal Voltage	0.0000	
20	Minimum Voltage	0.0028	

Note:

1. Normal Voltage = 3.85 V. ; Minimum Voltage = 3.30 V. ; Maximum Voltage = 4.40 V.
2. The frequency fundamental emissions stay within the authorized frequency block.

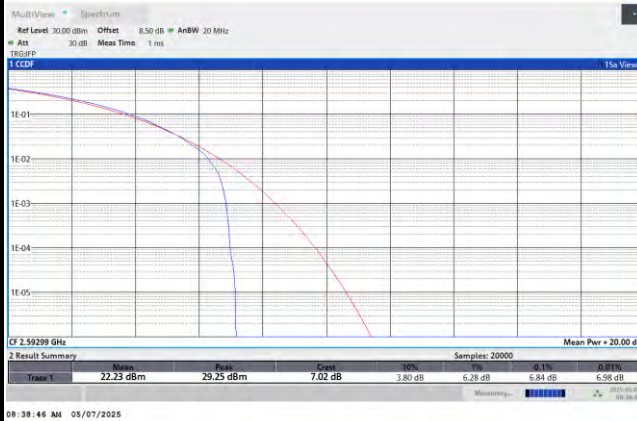
**<MIMO Mode>****MIMO <Ant. 0+3> (Ant. 3)****Peak-to-Average Ratio**

Mode	FR1 n41 / 20MHz / CP OFDM				
Mod.	QPSK	16QAM	64QAM	256QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Full RB	Result
Middle CH	6.84	6.86	7.44	8.78	PASS

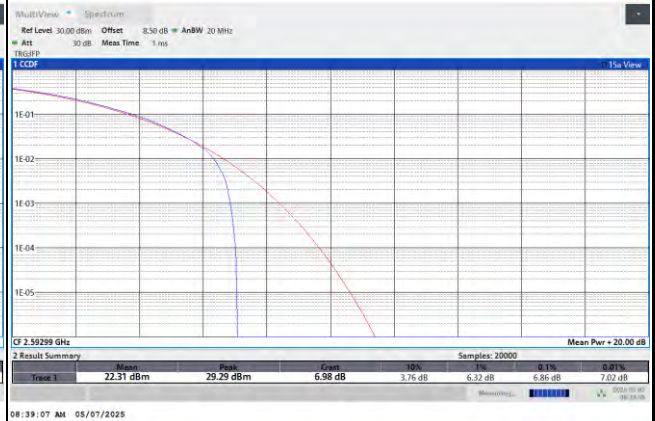


FR1 n41 / 20MHz /CP OFDM / Middle Channel / Full RB

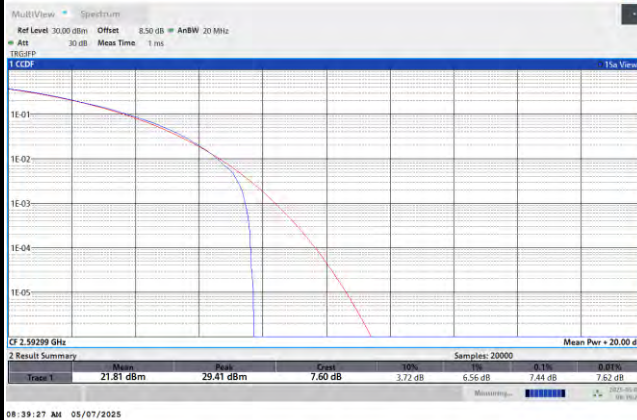
QPSK



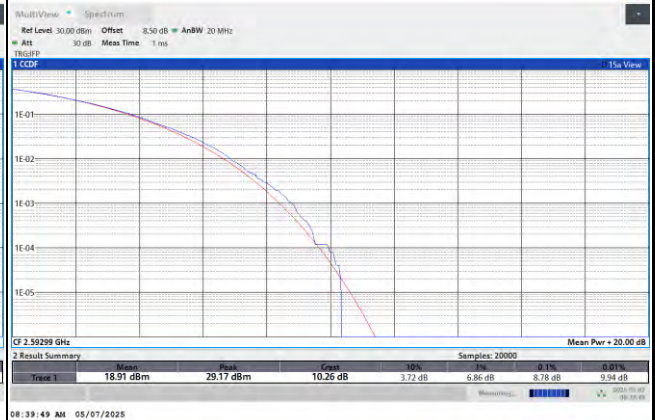
16QAM



64QAM



256QAM



**26dB Bandwidth**

Mode	FR1 n41 : 26dB BW(MHz) / CP OFDM							
BW	10MHz		15MHz		20MHz		25MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	10.10	10.01	15.31	15.33	19.85	20.08	25.35	25.55
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Middle CH	10.35	9.99	15.34	15.21	19.62	19.69	25.26	25.20
BW	30MHz		35MHz		40MHz		45MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	30.79	30.75	35.97	35.81	40.68	40.89	45.44	45.46
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Middle CH	30.69	30.75	35.90	35.75	40.67	40.83	45.52	45.54
BW	50MHz		60MHz		70MHz		80MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	50.62	50.57	62.86	62.82	72.55	72.55	82.55	82.51
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Middle CH	50.73	50.57	63.18	62.86	72.53	72.45	82.42	82.65
BW	90MHz		100MHz					
Mod.	QPSK	16QAM	QPSK	16QAM				
Middle CH	92.50	92.56	102.53	102.46				
Mod.	64QAM	256QAM	64QAM	256QAM				
Middle CH	92.52	92.46	102.62	102.74				



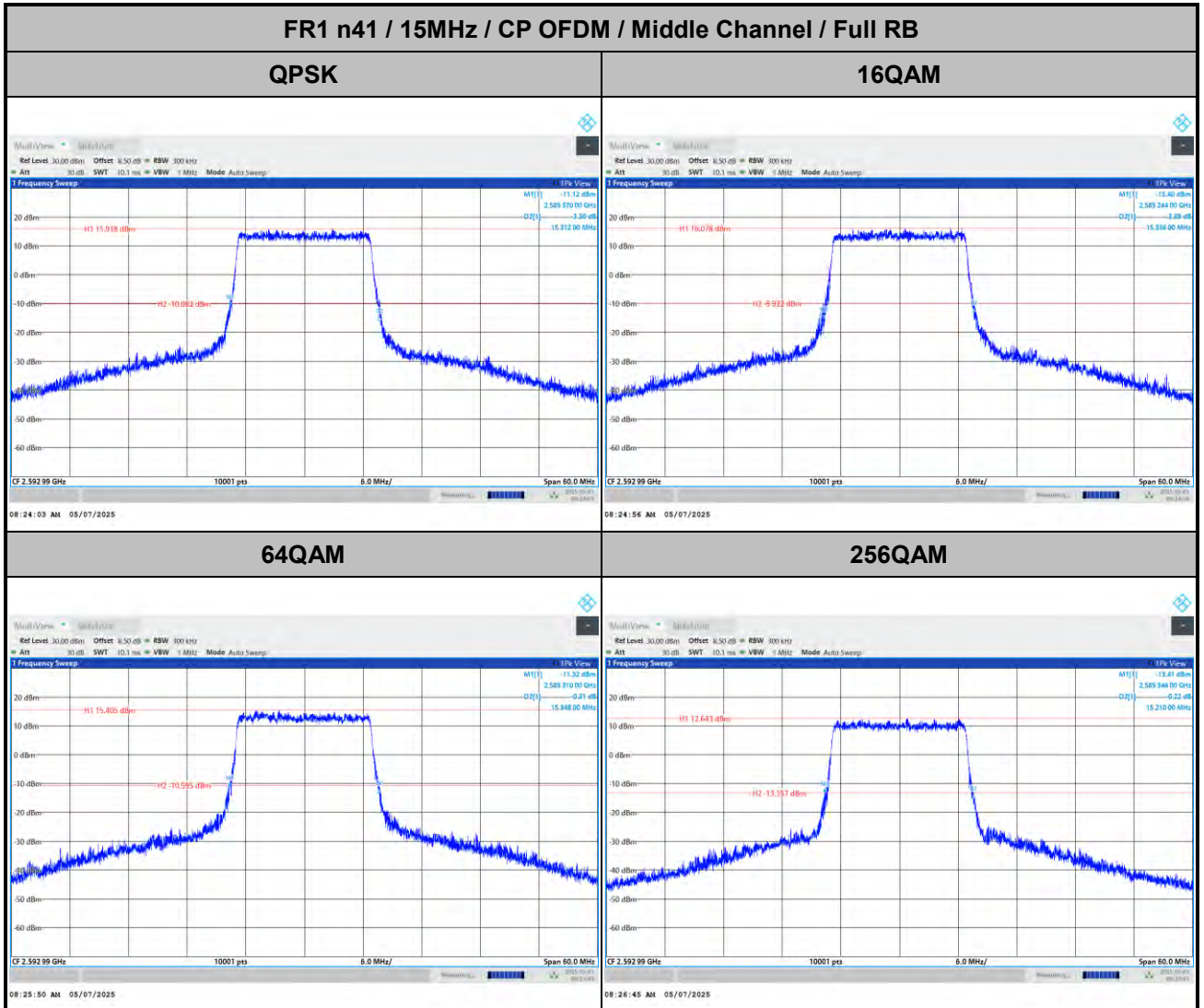
FR1 n41 / 10MHz / CP OFDM / Middle Channel / Full RB

16QAM



256QAM

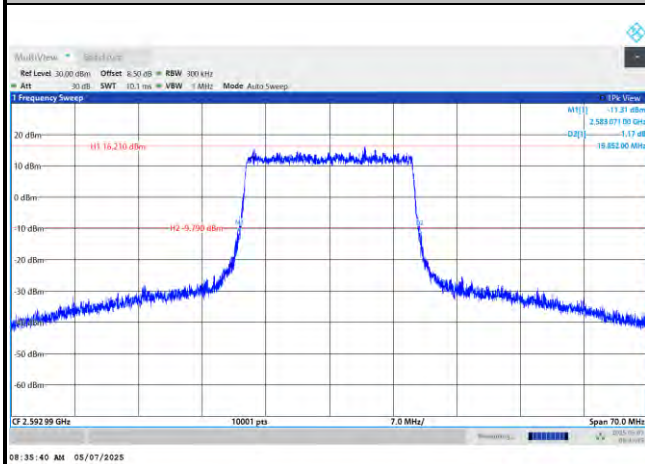




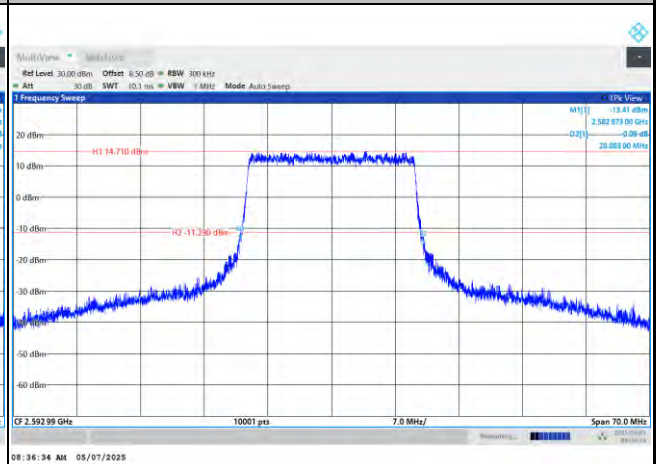


FR1 n41 / 20MHz / CP OFDM / Middle Channel / Full RB

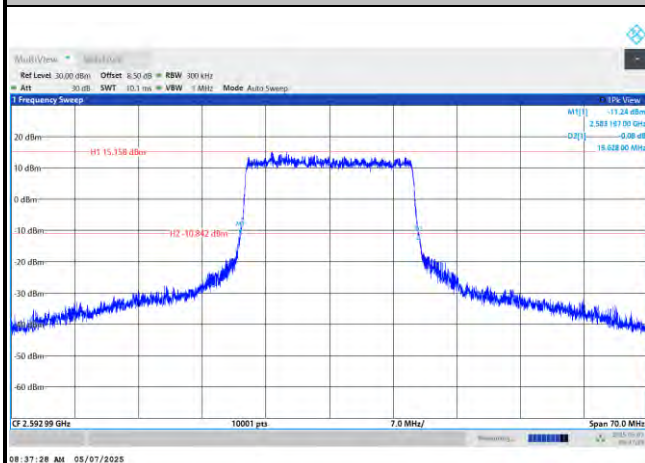
QPSK



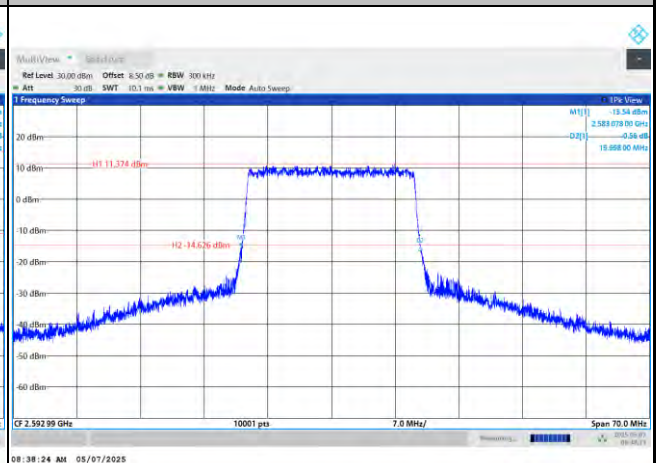
16QAM

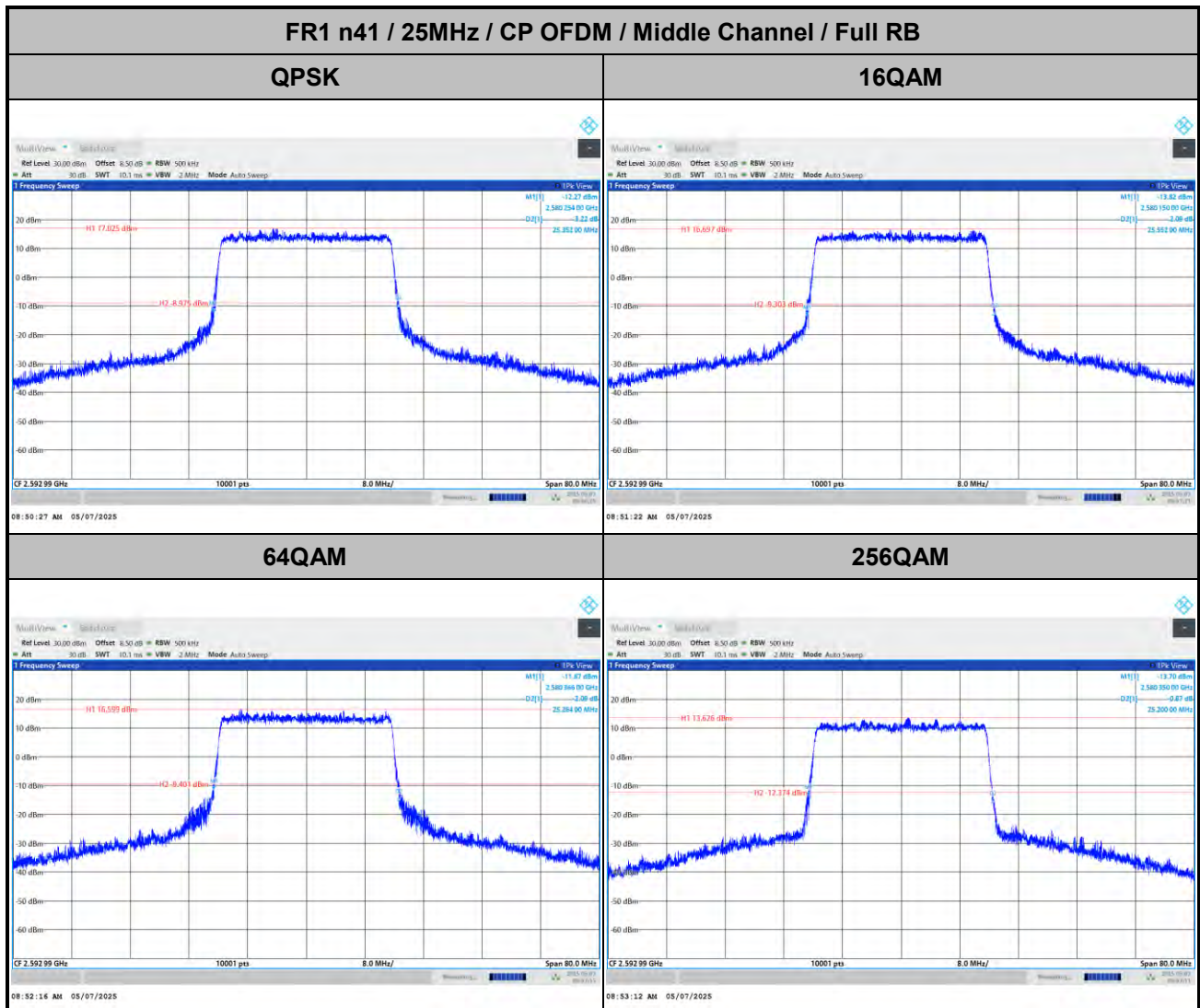


64QAM



256QAM

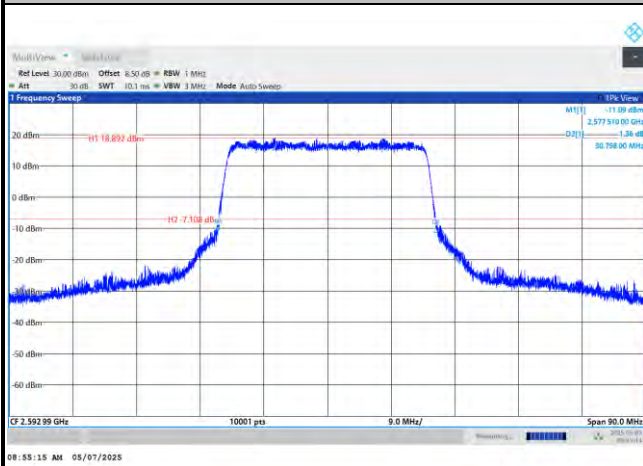




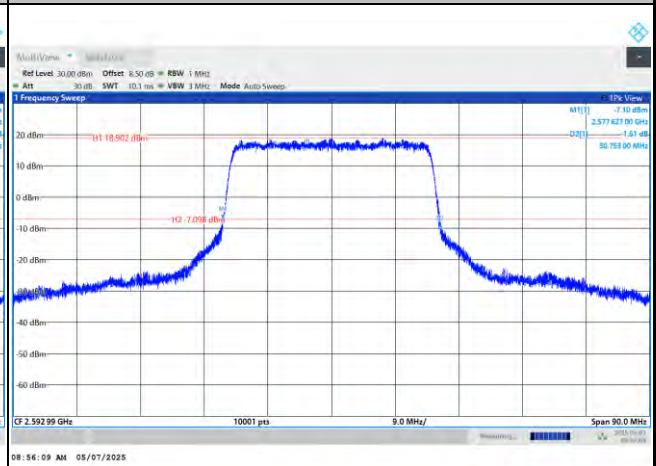


FR1 n41 / 30MHz / CP OFDM / Middle Channel / Full RB

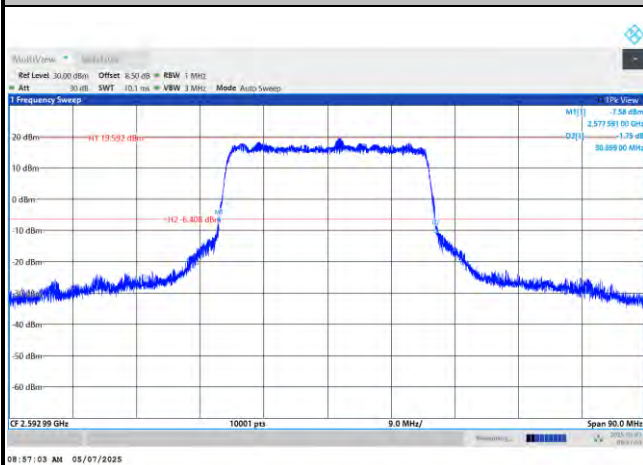
QPSK



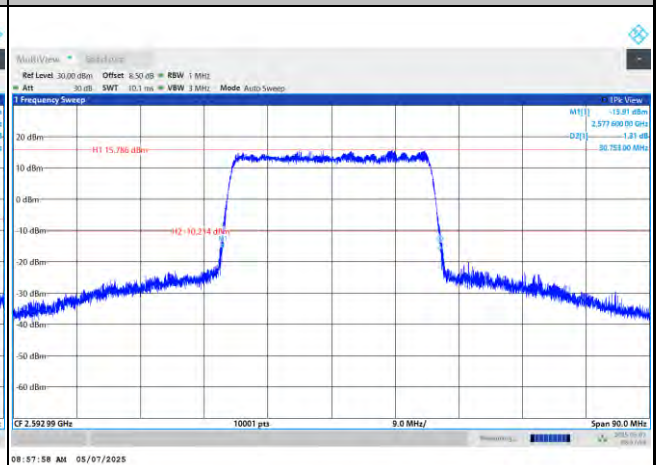
16QAM

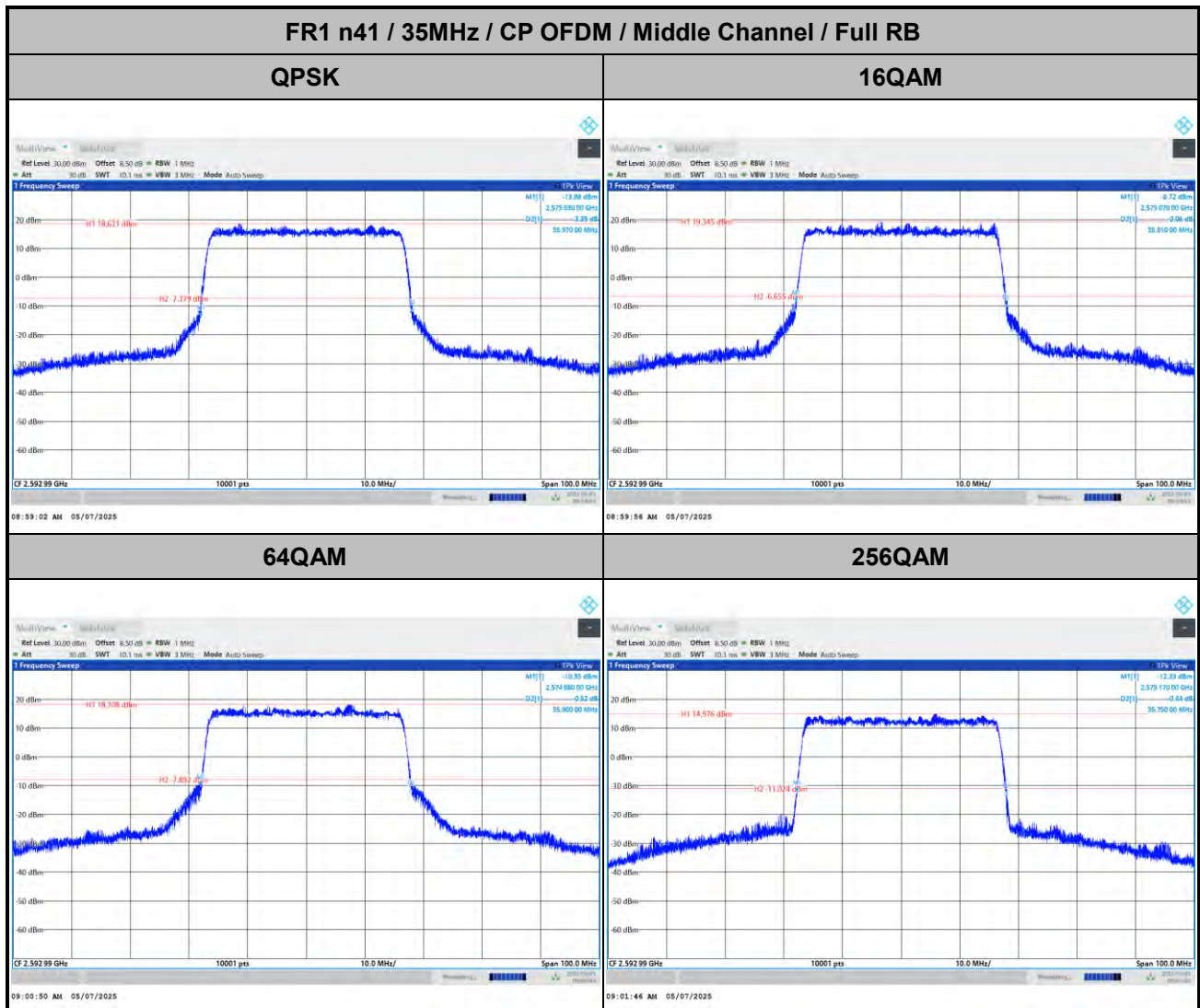


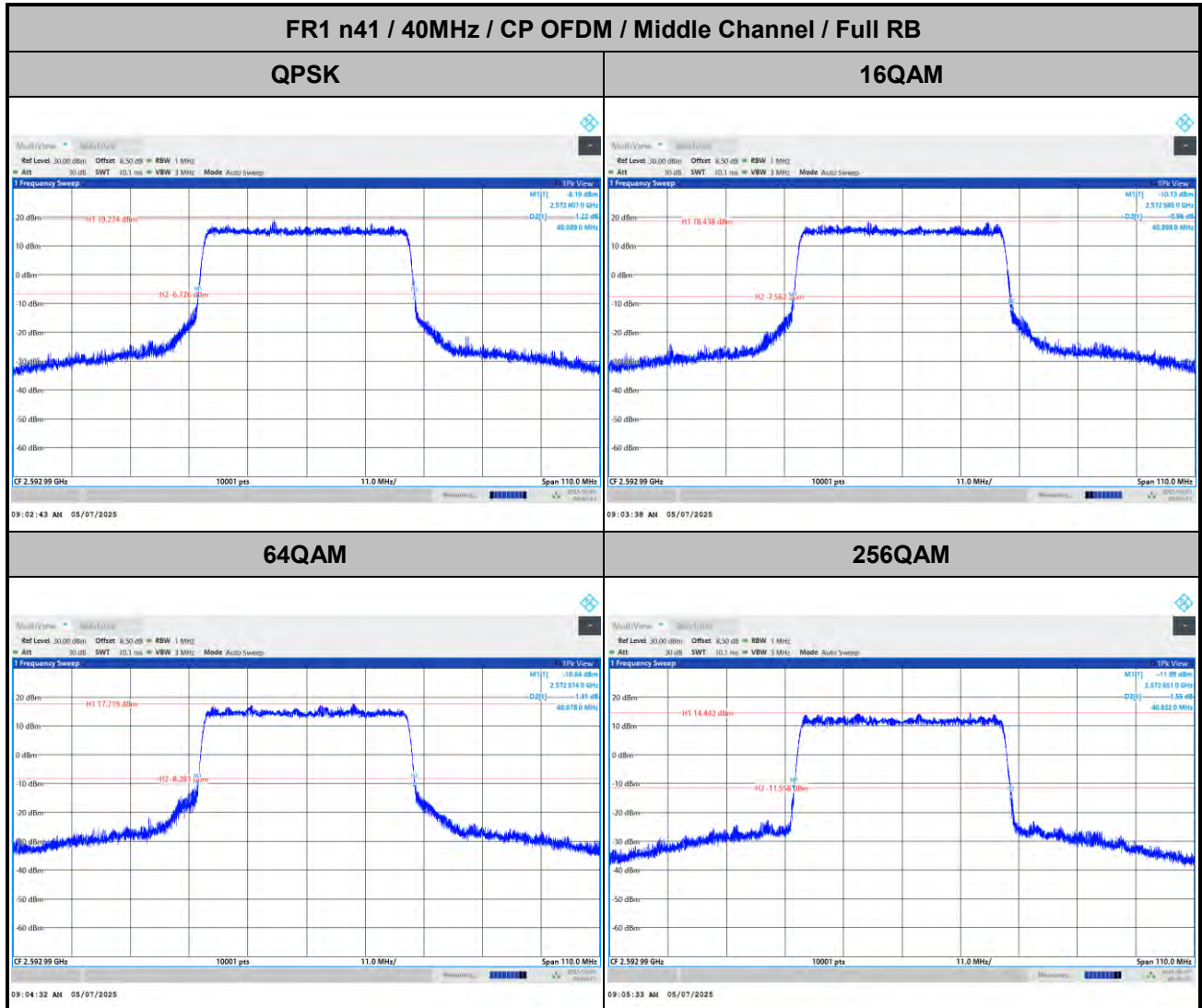
64QAM

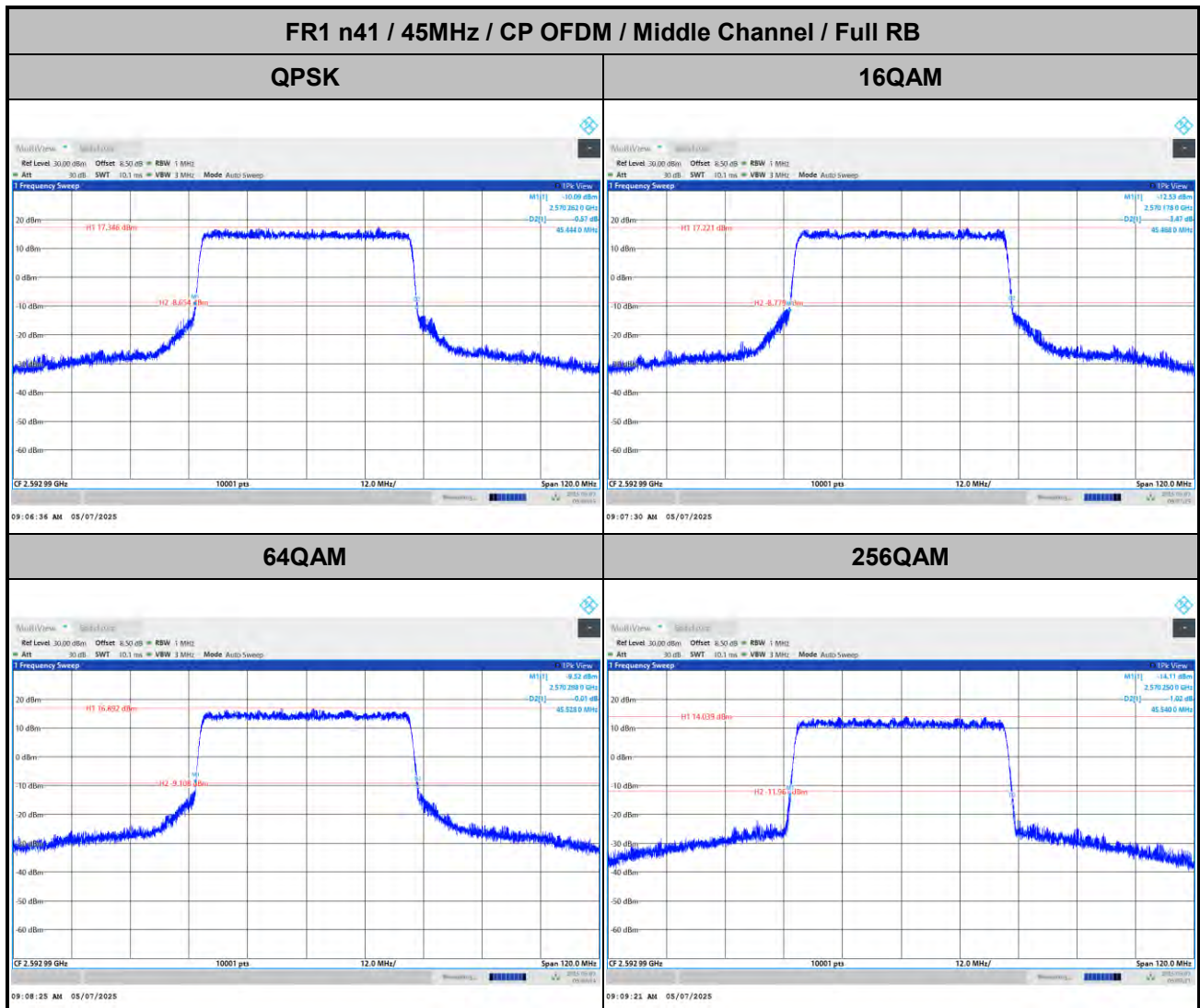


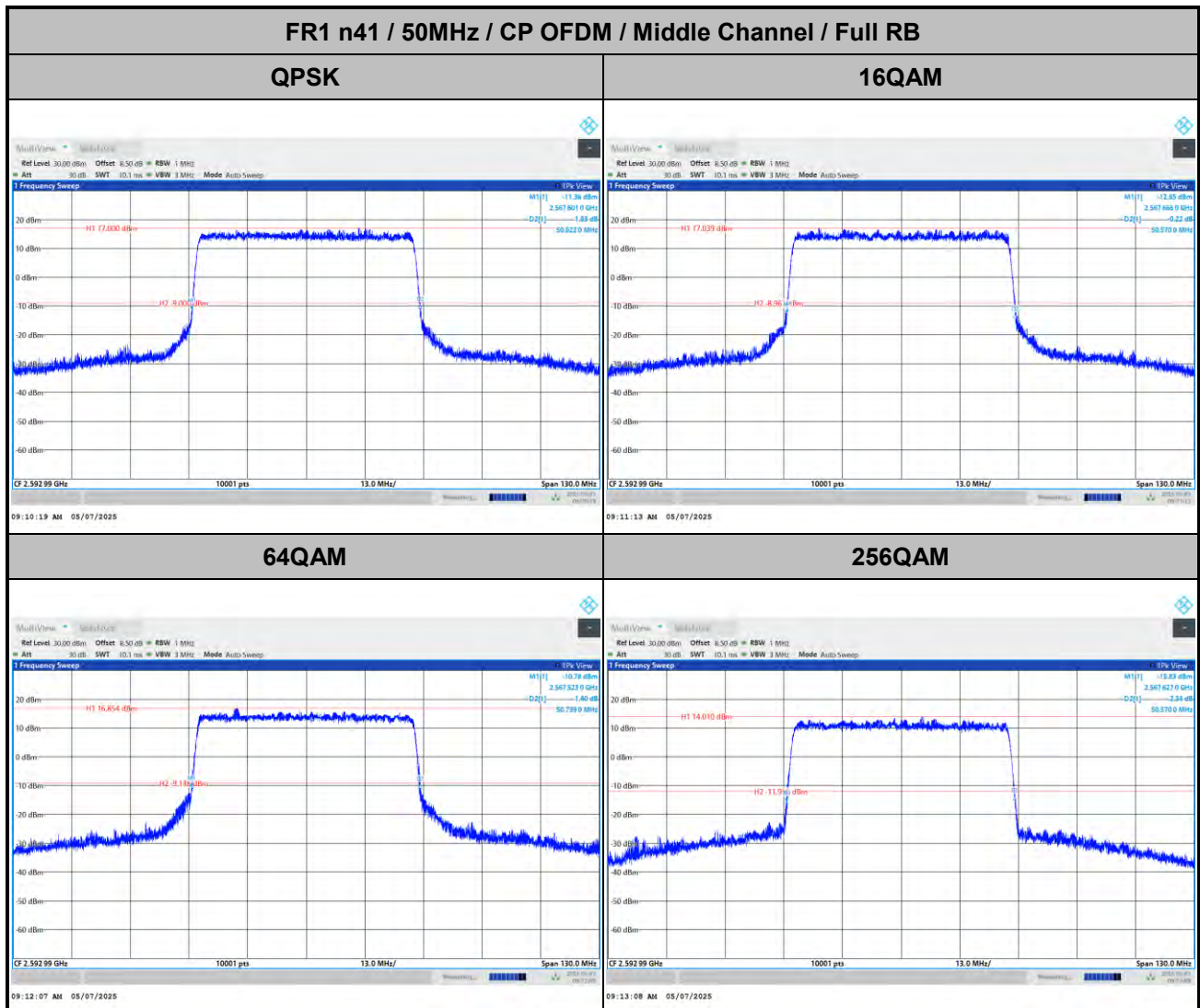
256QAM

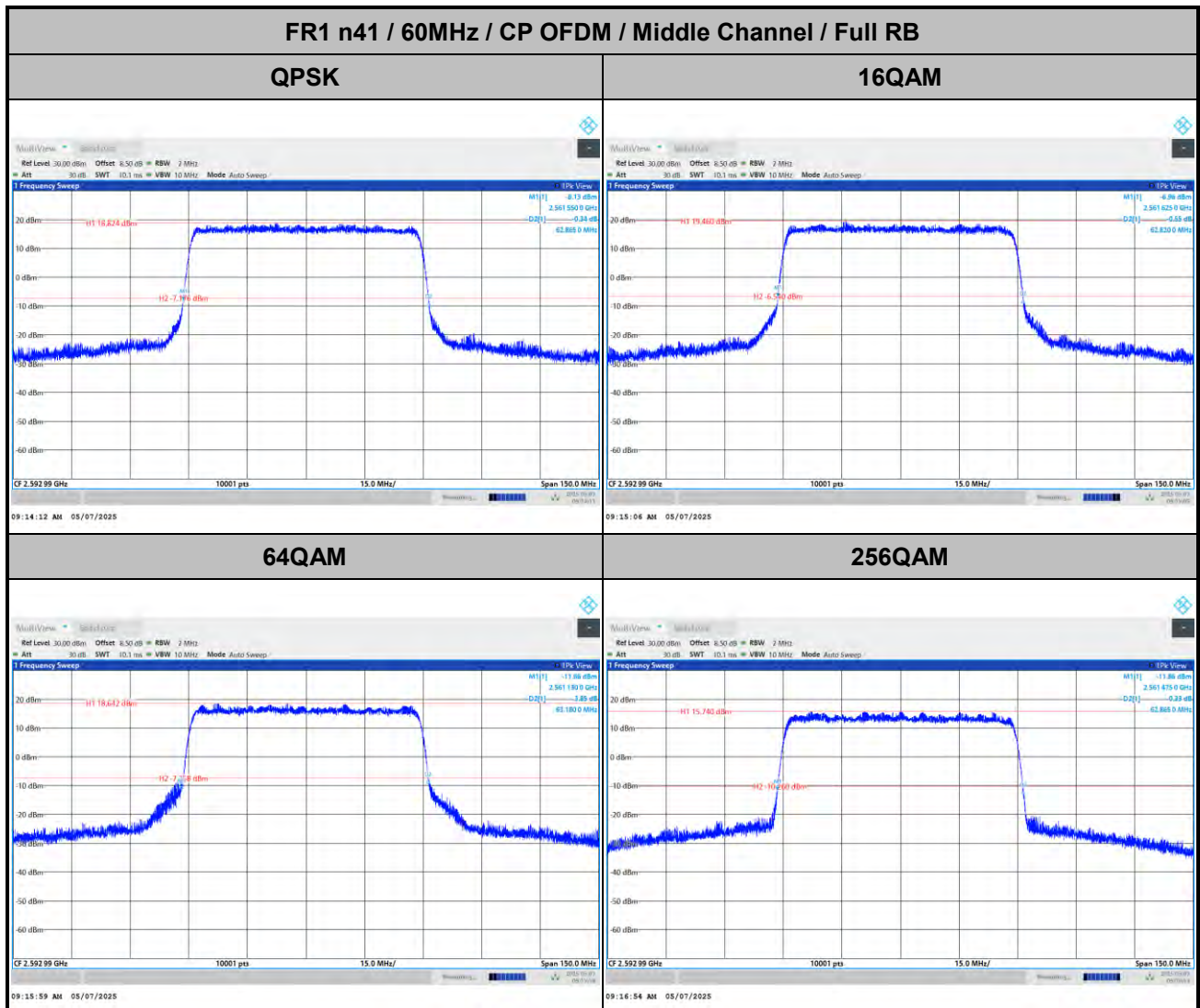


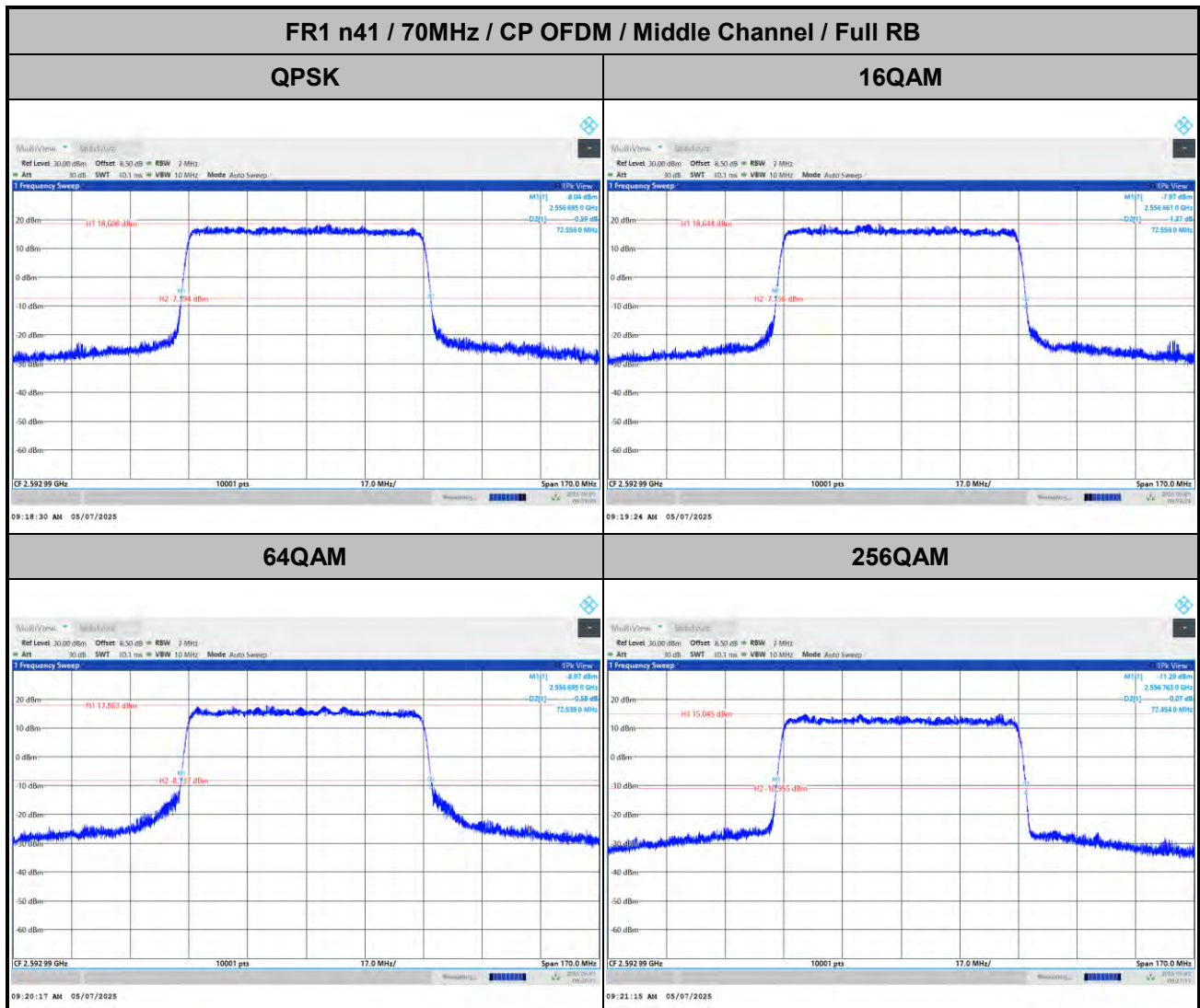


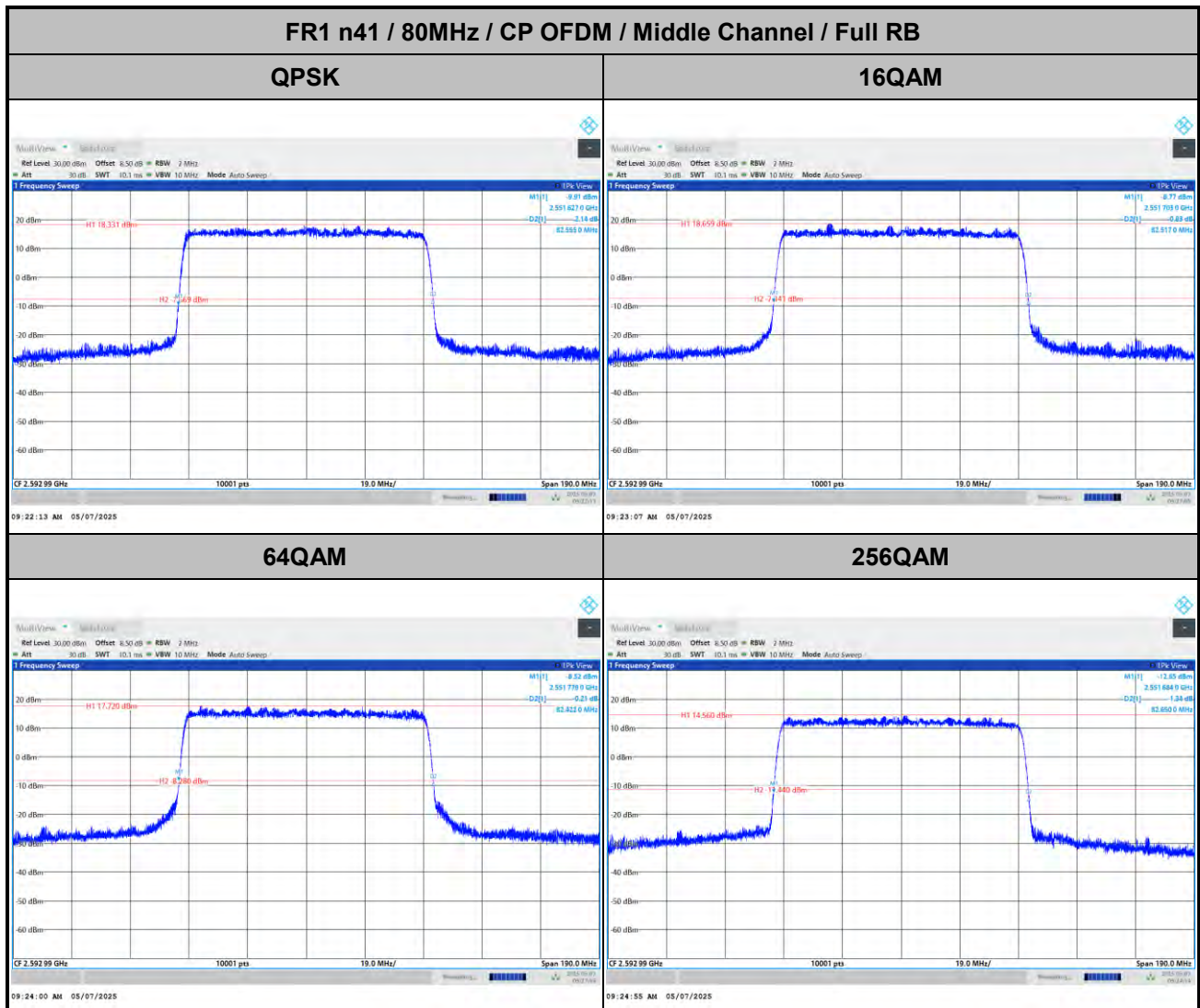


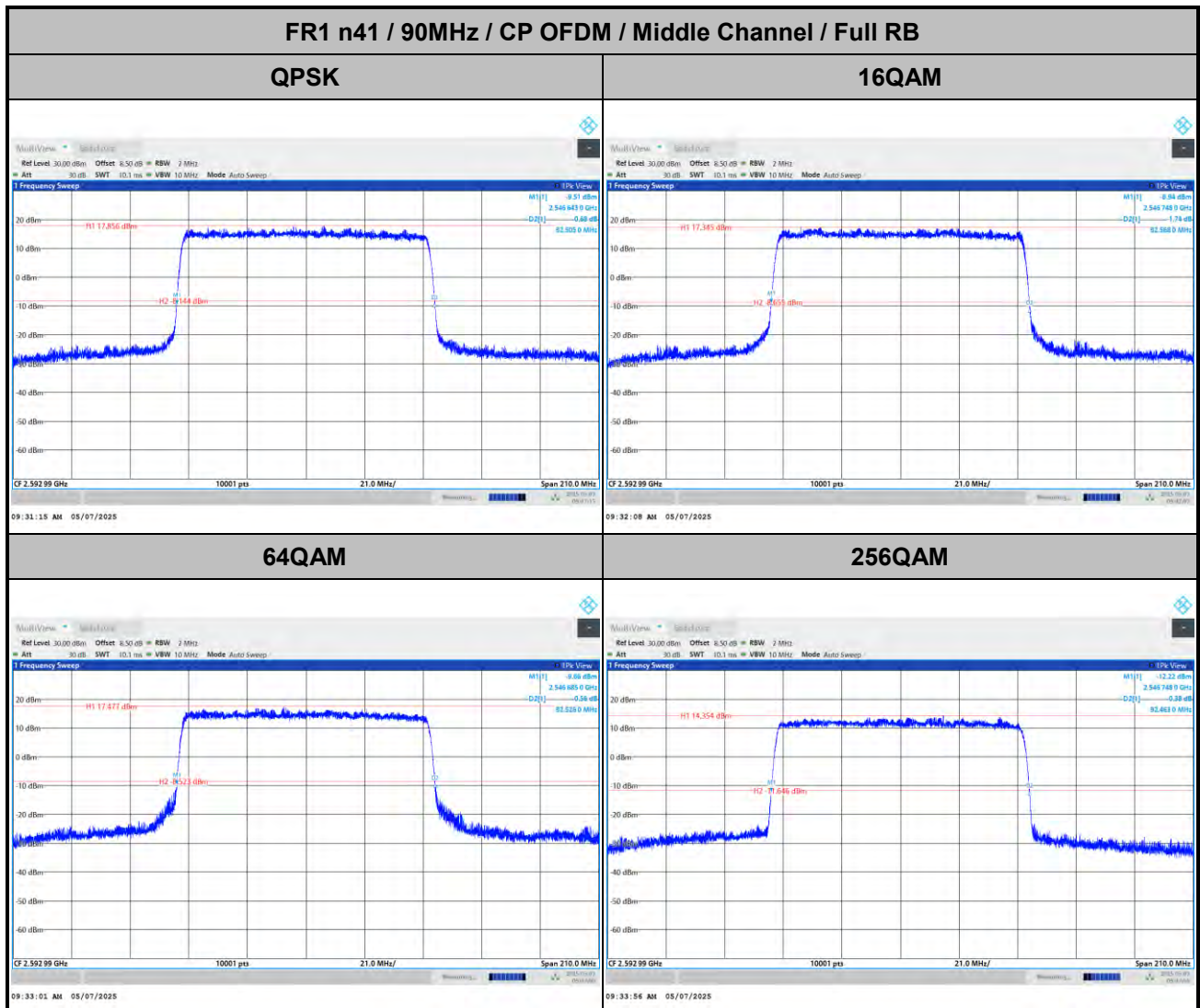


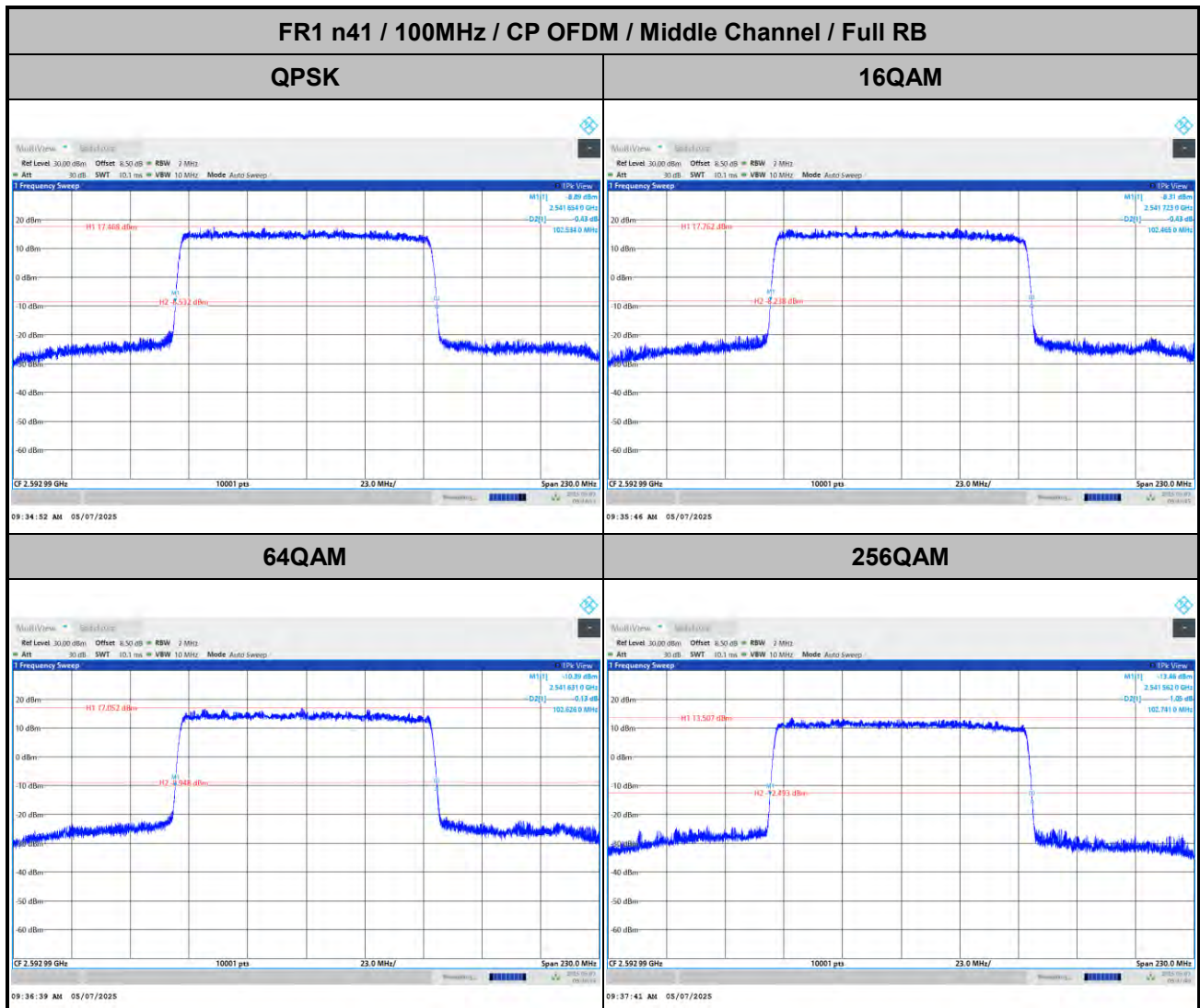












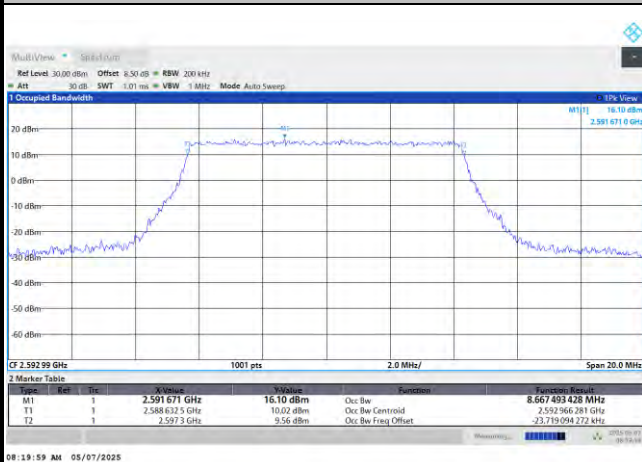
**Occupied Bandwidth**

Mode	FR1 n41 : OB BW(MHz) / CP OFDM							
BW	10MHz		15MHz		20MHz		25MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	8.66	8.63	13.63	13.64	18.24	18.25	23.29	23.36
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Middle CH	8.65	8.59	13.65	13.65	18.24	18.26	23.32	23.37
BW	30MHz		35MHz		40MHz		45MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	28.22	28.13	33.14	33.13	38.08	38.05	42.68	42.65
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Middle CH	28.19	28.17	33.14	33.19	38.03	38.08	42.60	42.62
BW	50MHz		60MHz		70MHz		80MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	47.55	47.66	58.31	58.45	67.93	67.94	77.96	77.70
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Middle CH	47.67	47.55	58.36	58.29	67.81	67.95	77.75	77.71
BW	90MHz		100MHz					
Mod.	QPSK	16QAM	QPSK	16QAM				
Middle CH	87.61	87.66	97.34	97.36				
Mod.	64QAM	256QAM	64QAM	256QAM				
Middle CH	87.63	87.47	97.43	97.63				

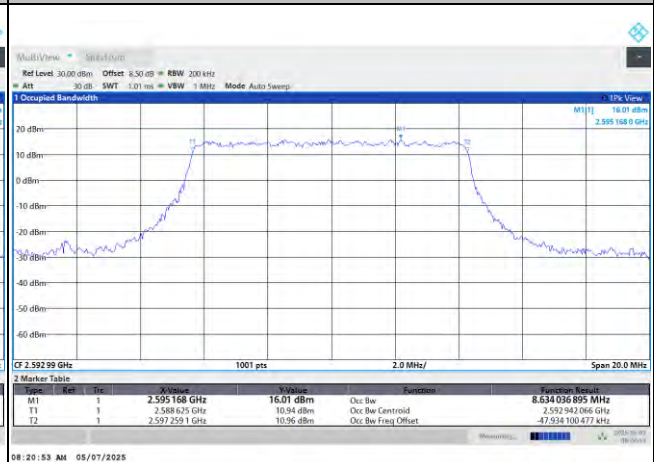


FR1 n41 / 10MHz / CP OFDM / Middle Channel / Full RB

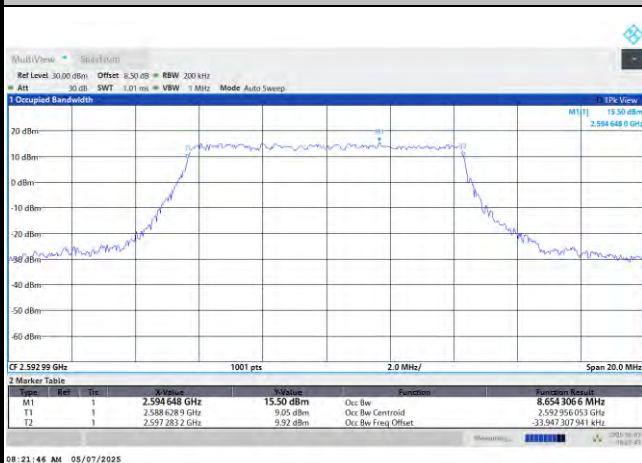
QPSK



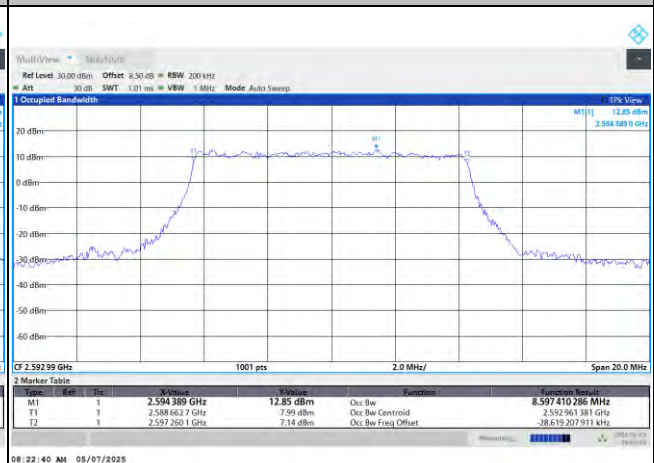
16QAM



64QAM



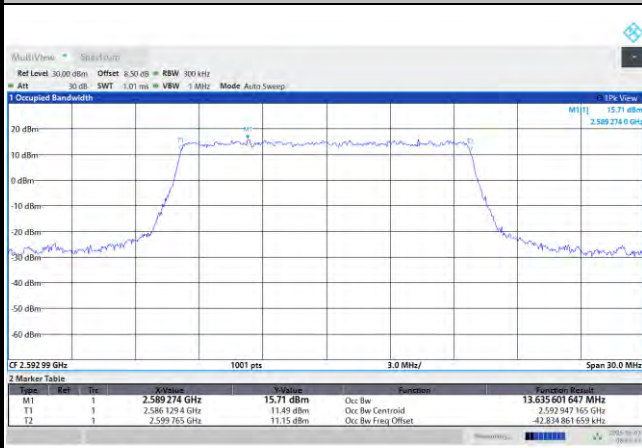
256QAM



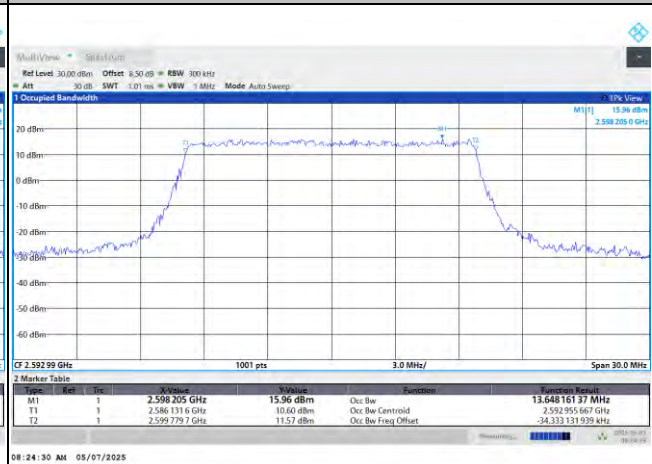


FR1 n41 / 15MHz / CP OFDM / Middle Channel / Full RB

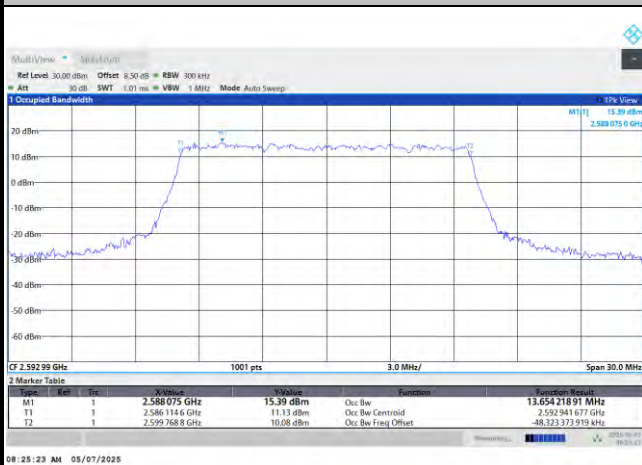
QPSK



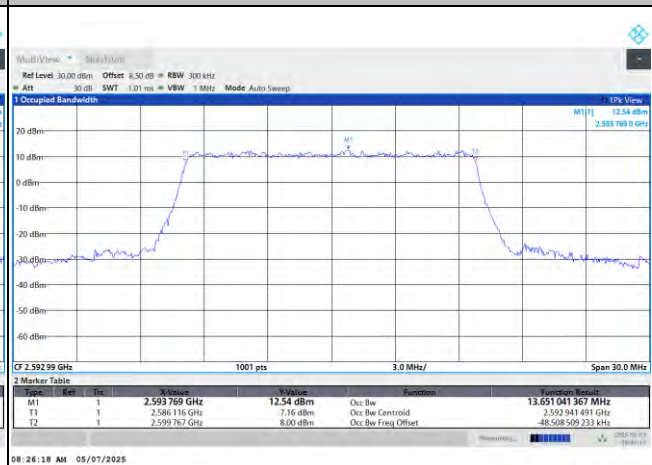
16QAM



64QAM



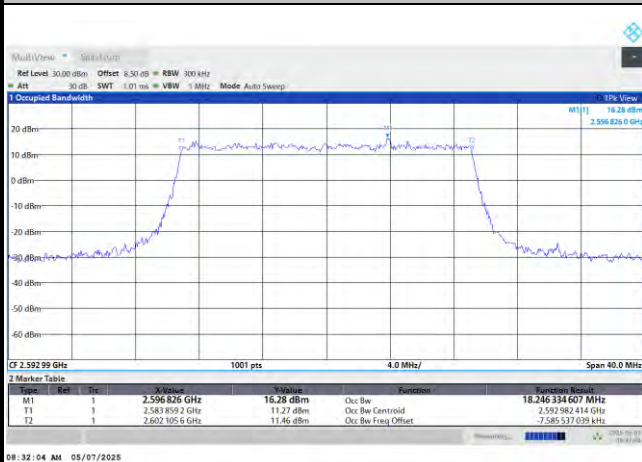
256QAM



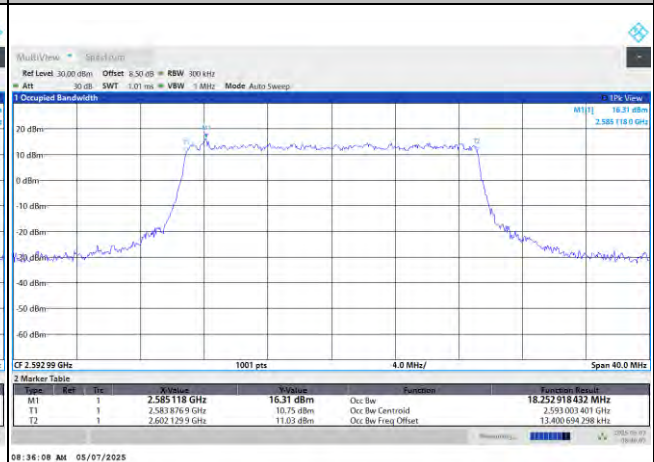


FR1 n41 / 20MHz / CP OFDM / Middle Channel / Full RB

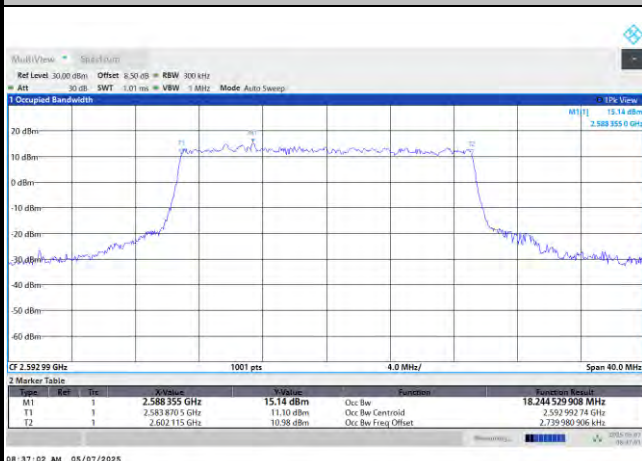
QPSK



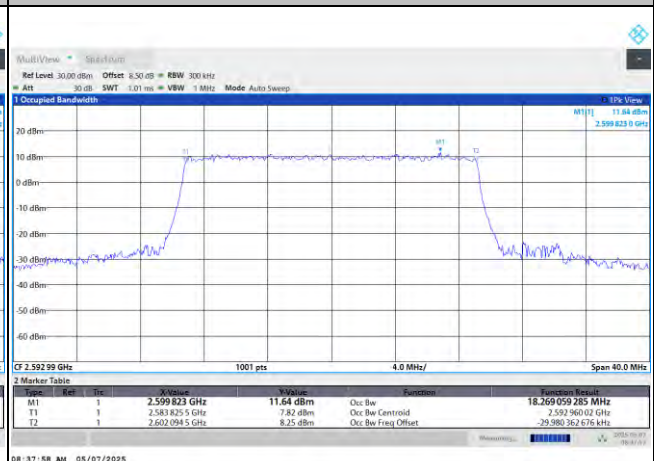
16QAM



64QAM



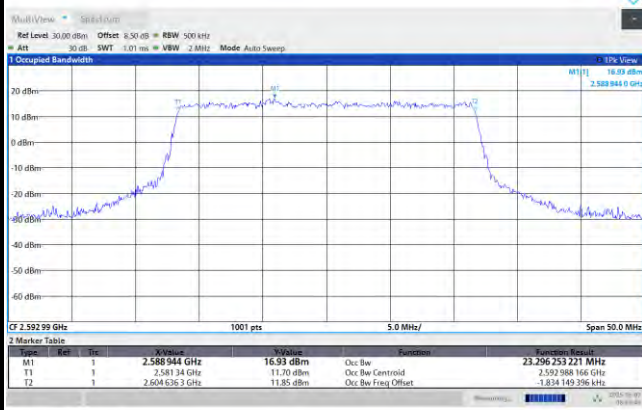
256QAM



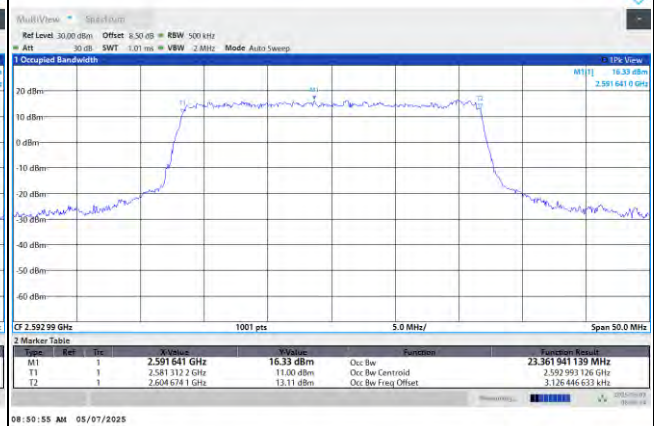


FR1 n41 / 25MHz / CP OFDM / Middle Channel / Full RB

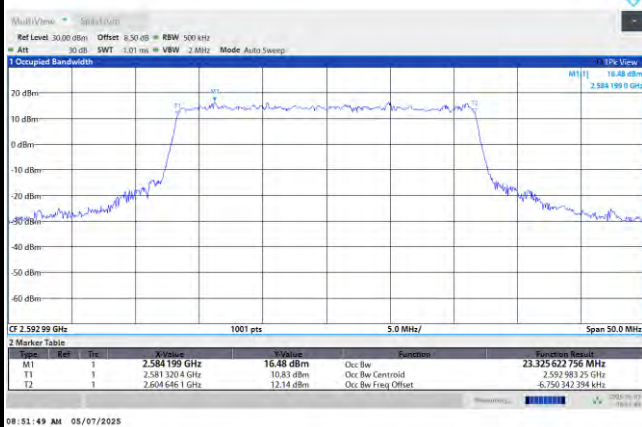
QPSK



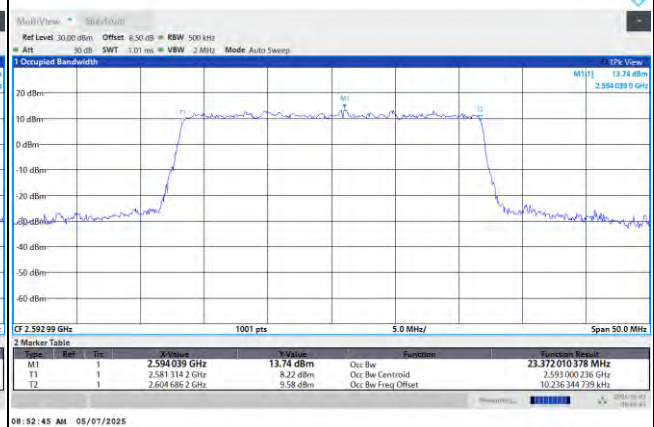
16QAM



64QAM



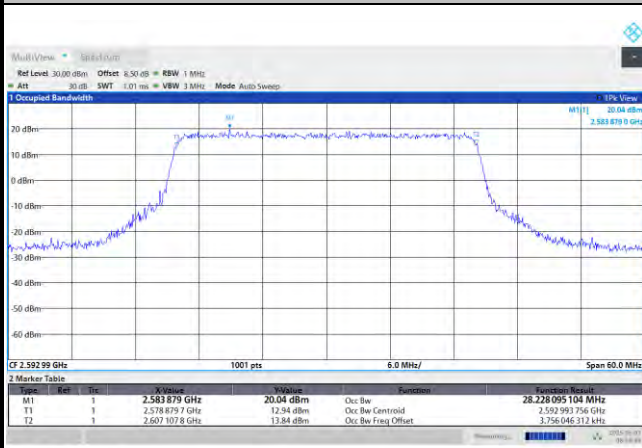
256QAM





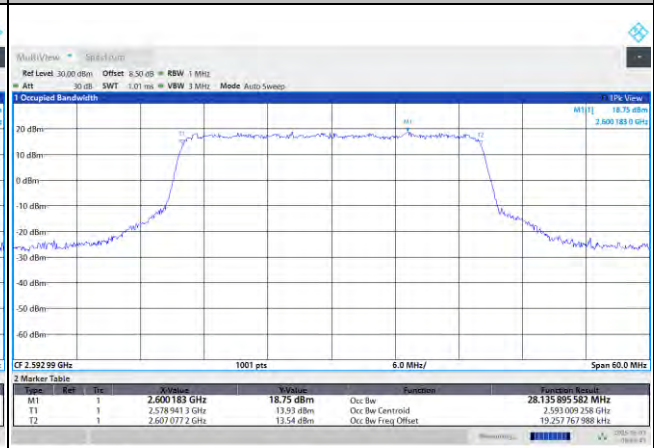
FR1 n41 / 30MHz / CP OFDM / Middle Channel / Full RB

QPSK



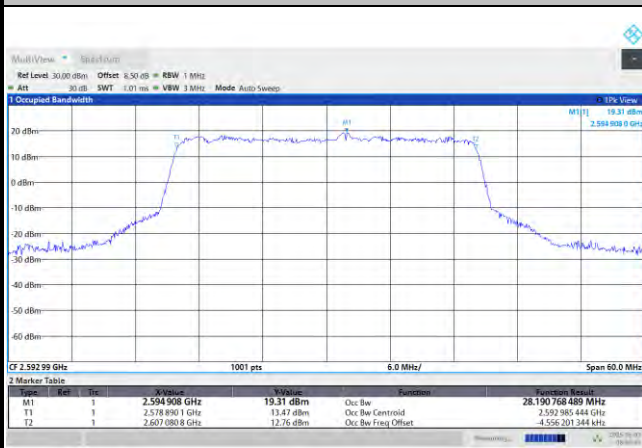
08:54:48 AM 05/07/2025

16QAM



08:55:42 AM 05/07/2025

64QAM



08:56:36 AM 05/07/2025

256QAM

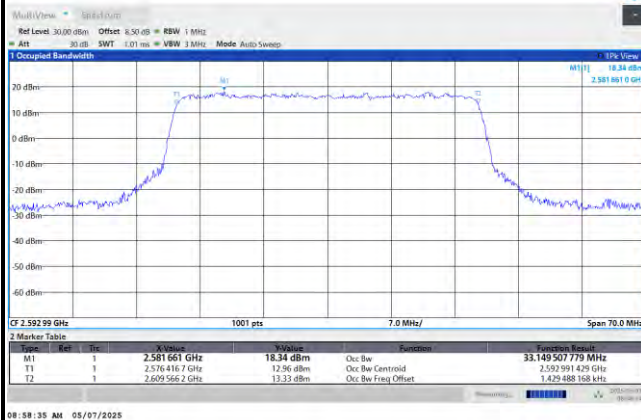


08:57:32 AM 05/07/2025

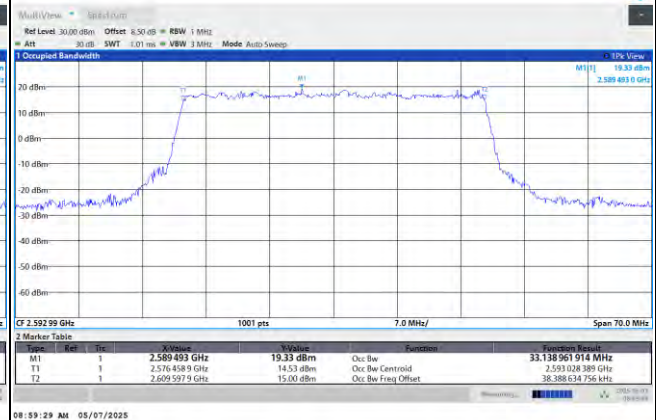


FR1 n41 / 35MHz / CP OFDM / Middle Channel / Full RB

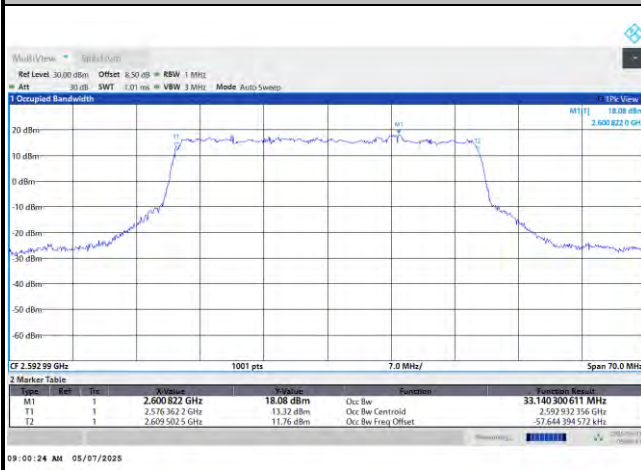
QPSK



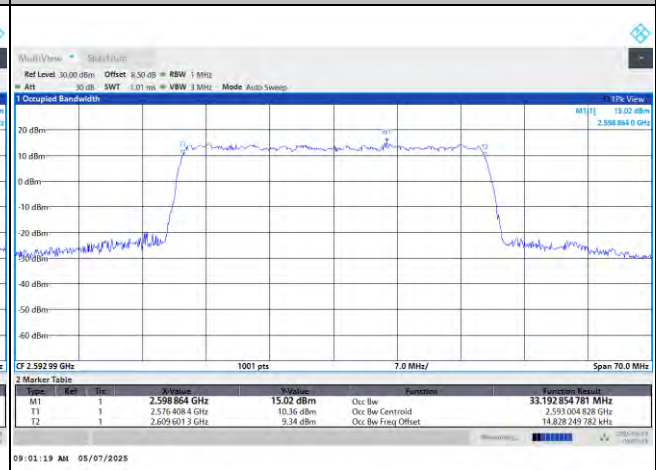
16QAM



64QAM



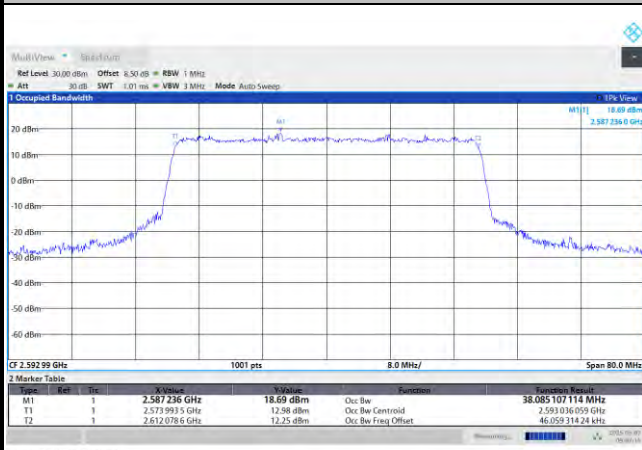
256QAM





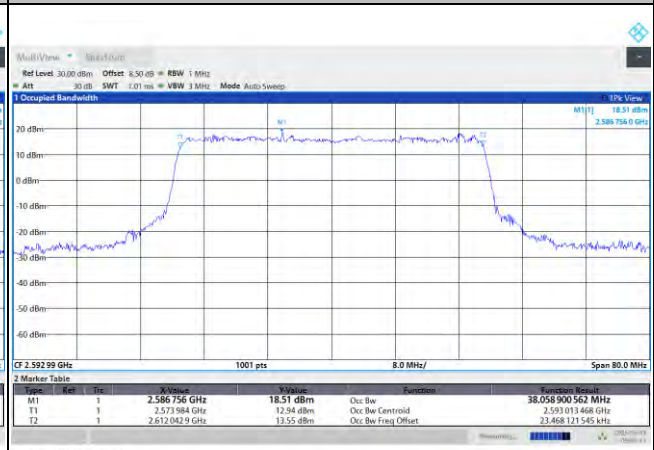
FR1 n41 / 40MHz / CP OFDM / Middle Channel / Full RB

QPSK



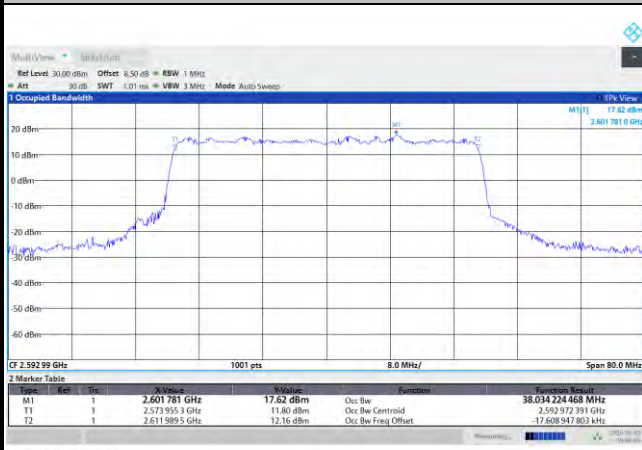
09:02:17 AM 05/07/2025

16QAM



09:03:11 AM 05/07/2025

64QAM



09:04:05 AM 05/07/2025

256QAM

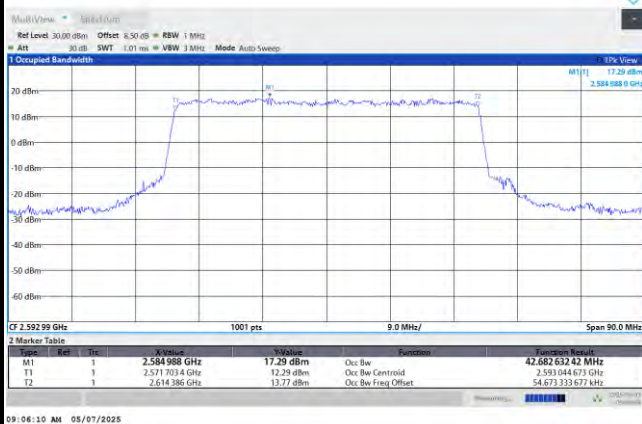


09:05:07 AM 05/07/2025

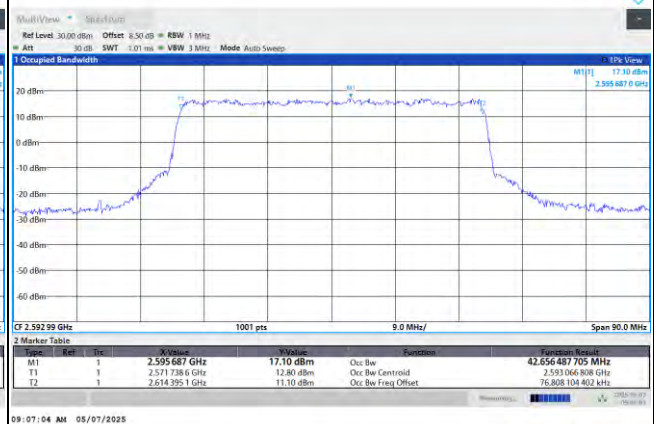


FR1 n41 / 45MHz / CP OFDM / Middle Channel / Full RB

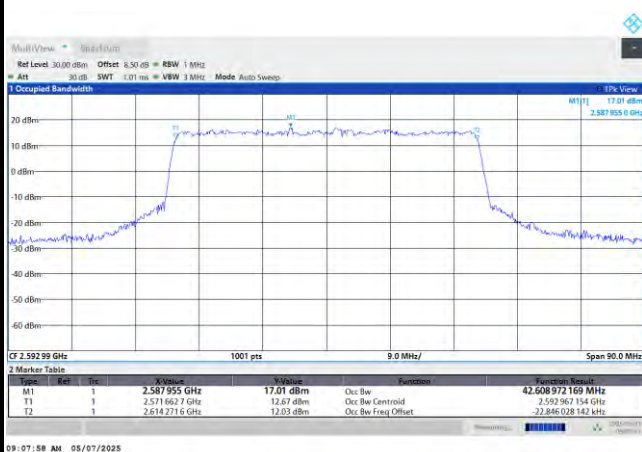
QPSK



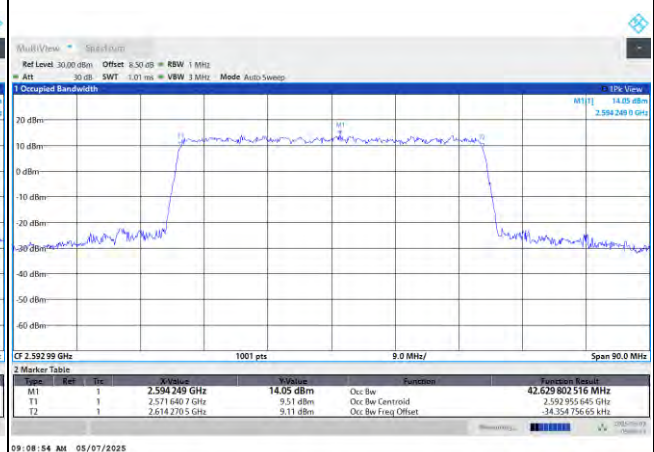
16QAM



64QAM



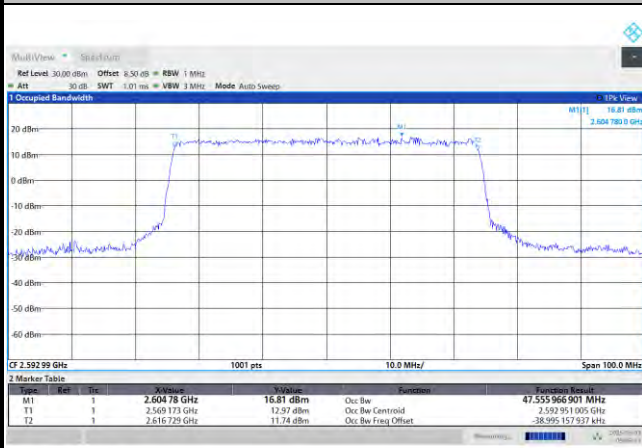
256QAM





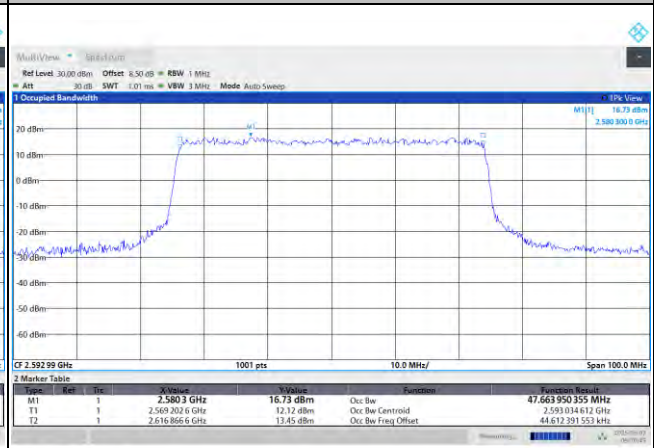
FR1 n41 / 50MHz / CP OFDM / Middle Channel / Full RB

QPSK



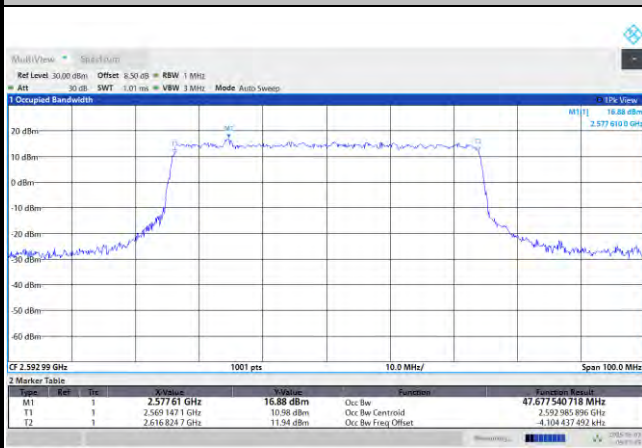
09:09:52 AM 05/07/2025

16QAM



09:10:46 AM 05/07/2025

64QAM



09:11:40 AM 05/07/2025

256QAM

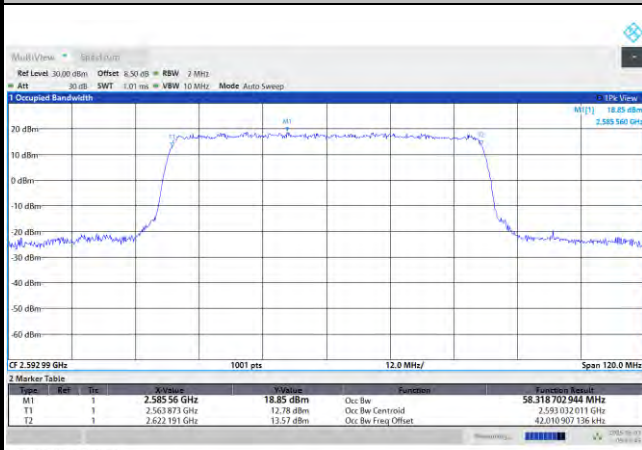


09:12:42 AM 05/07/2025



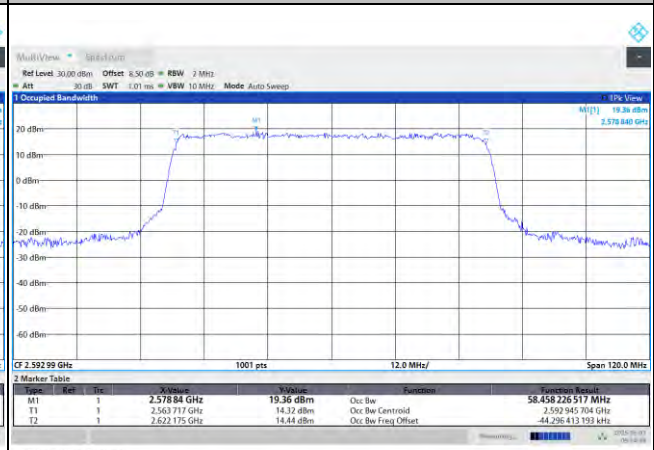
FR1 n41 / 60MHz / CP OFDM / Middle Channel / Full RB

QPSK



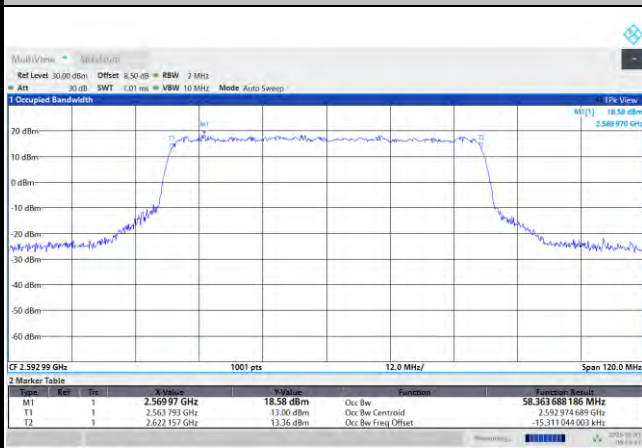
09:13:45 AM 05/07/2025

16QAM



09:14:39 AM 05/07/2025

64QAM



09:15:33 AM 05/07/2025

256QAM

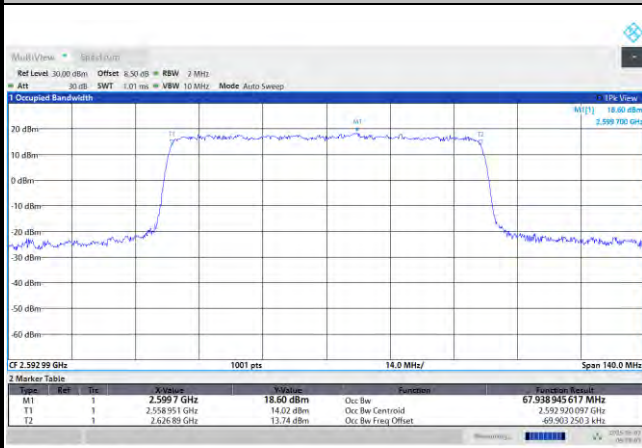


09:16:28 AM 05/07/2025

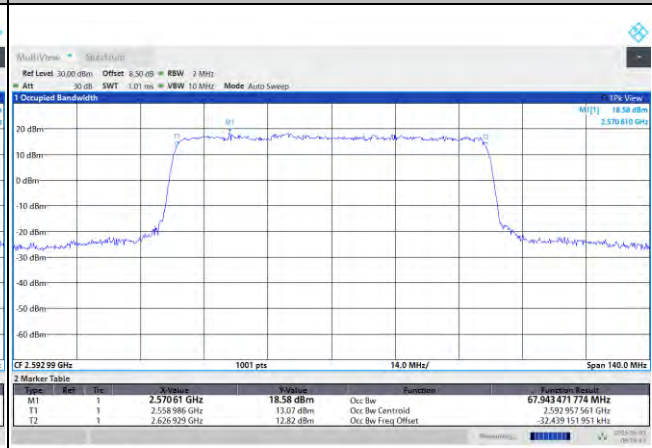


FR1 n41 / 70MHz / CP OFDM / Middle Channel / Full RB

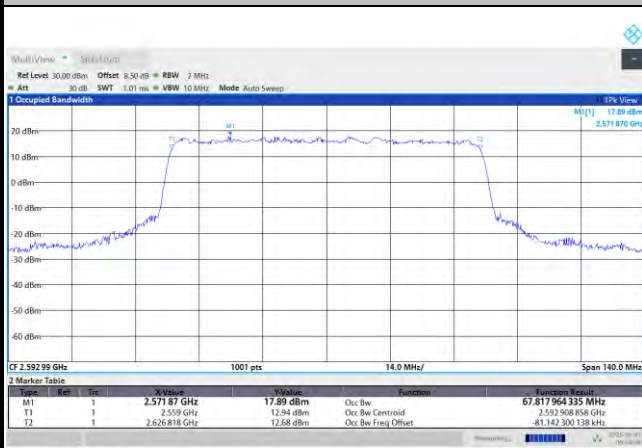
QPSK



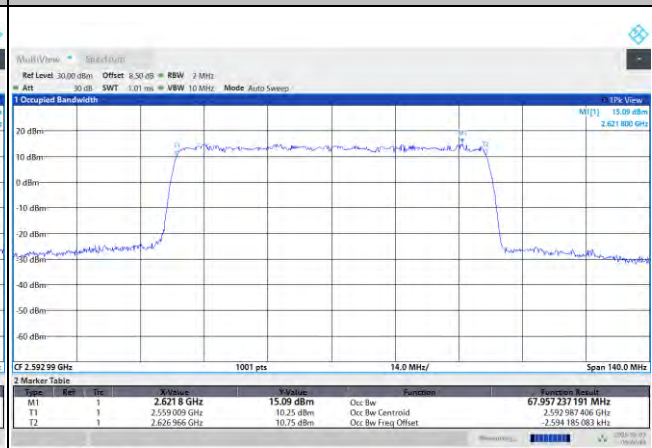
16QAM



64QAM



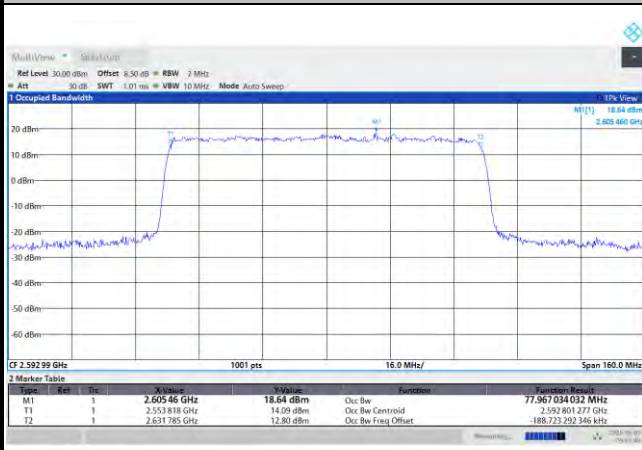
256QAM





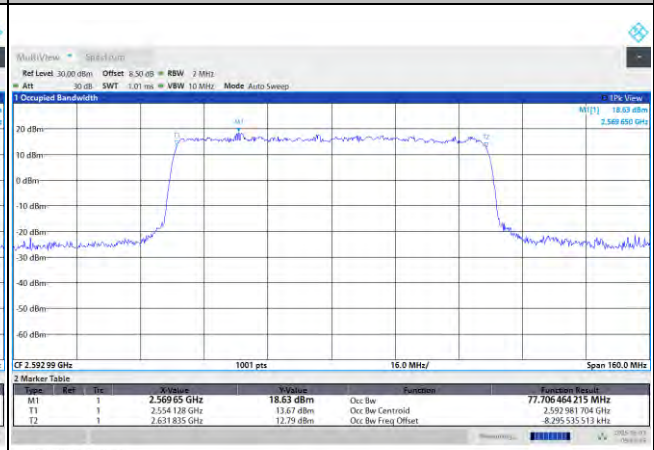
FR1 n41 / 80MHz / CP OFDM / Middle Channel / Full RB

QPSK



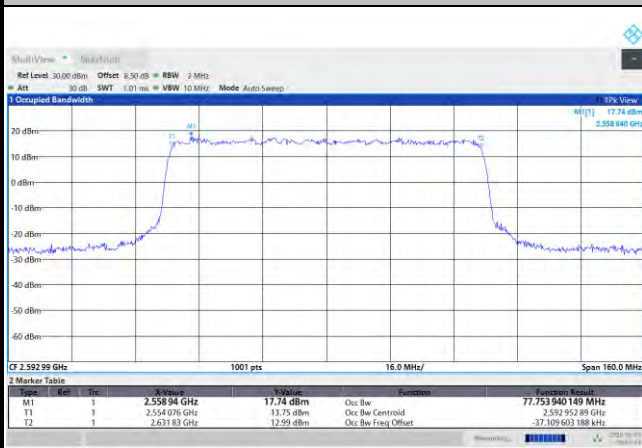
09:21:47 AM 05/07/2025

16QAM



09:22:40 AM 05/07/2025

64QAM



09:23:34 AM 05/07/2025

256QAM

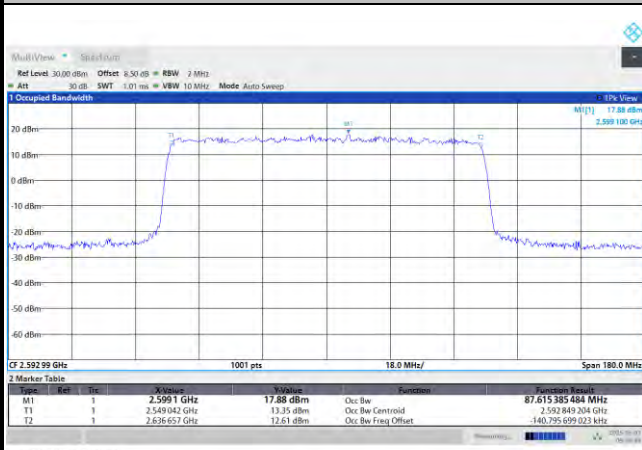


09:24:28 AM 05/07/2025



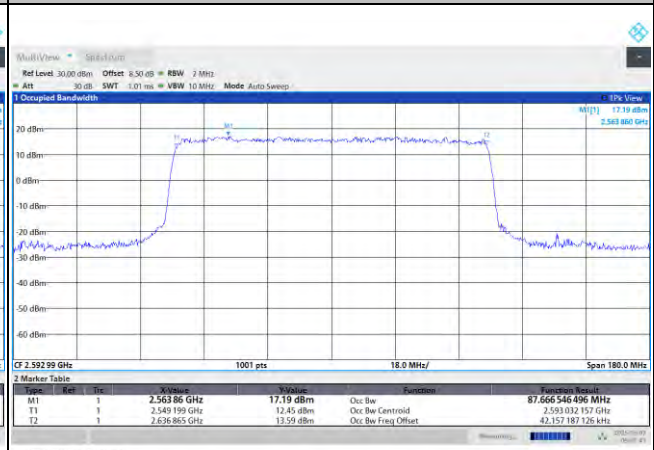
FR1 n41 / 90MHz / CP OFDM / Middle Channel / Full RB

QPSK



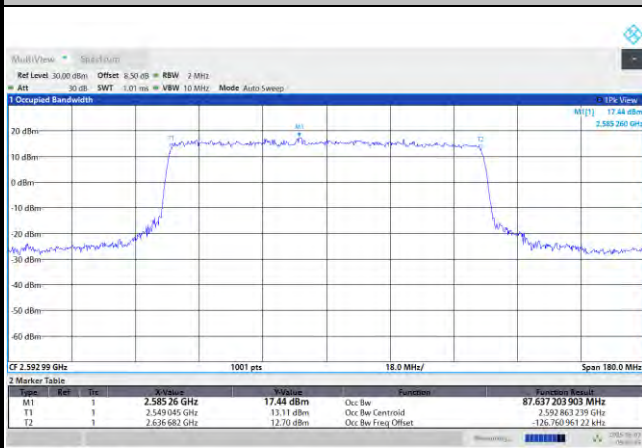
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16QAM



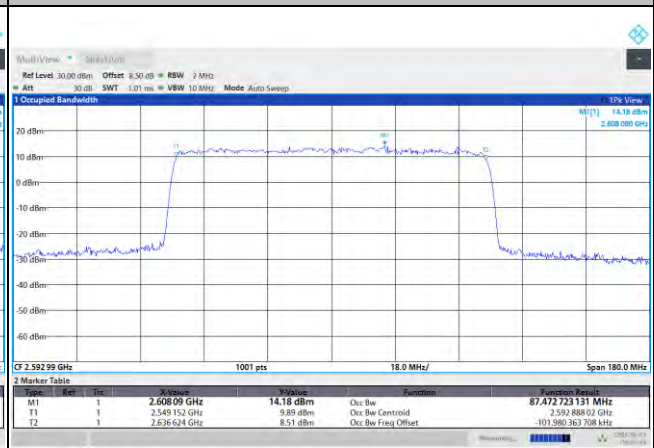
09:31:42 AM 05/07/2025

64QAM



09:32:35 AM 05/07/2025

256QAM



09:33:30 AM 05/07/2025

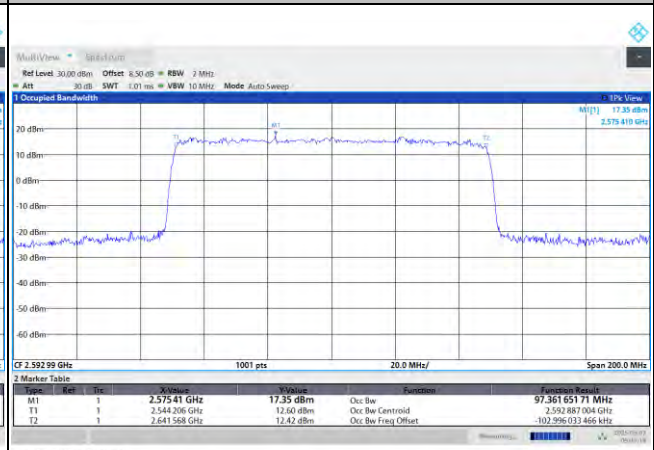


FR1 n41 / 100MHz / CP OFDM / Middle Channel / Full RB

QPSK



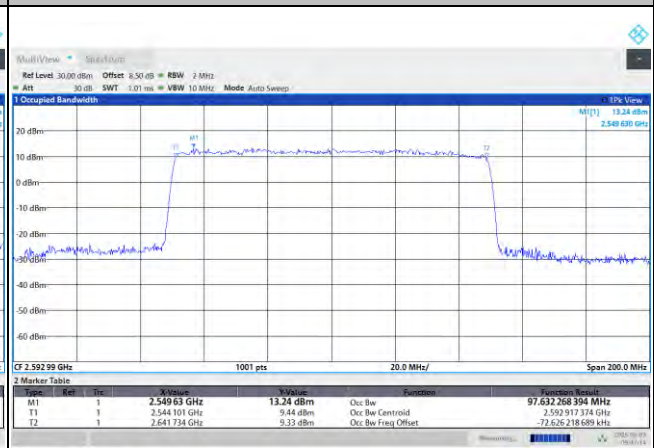
16QAM



64QAM

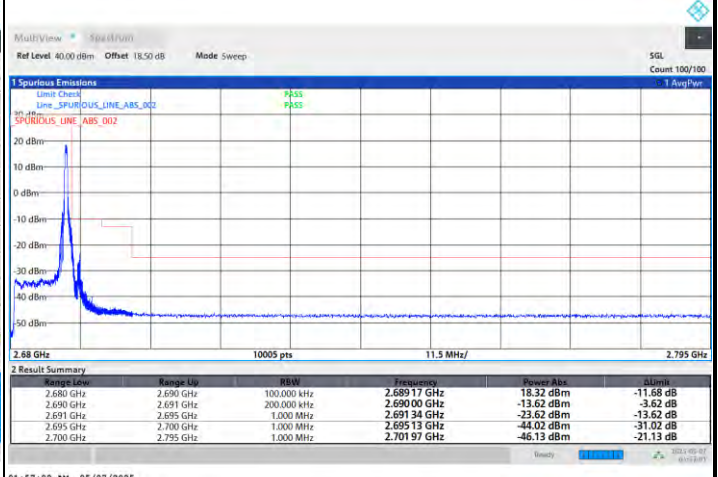
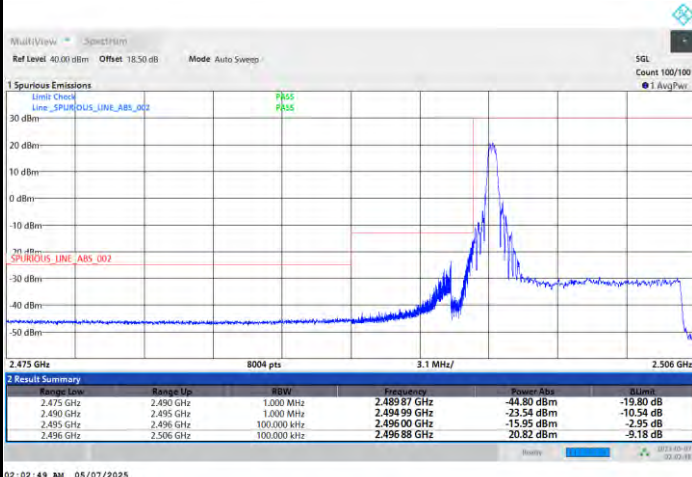
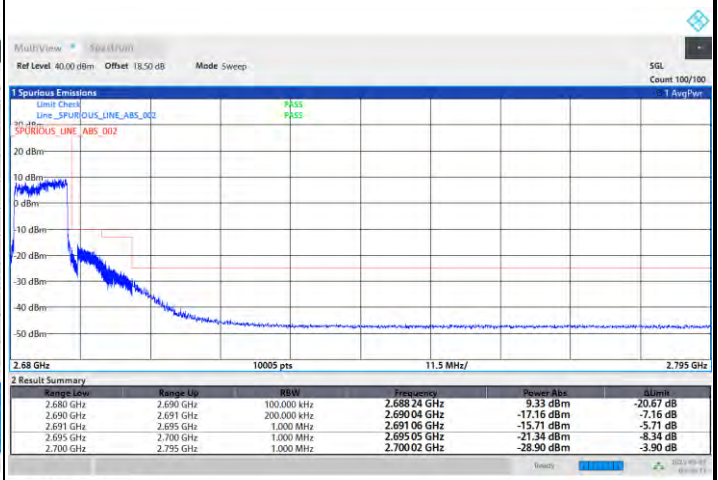
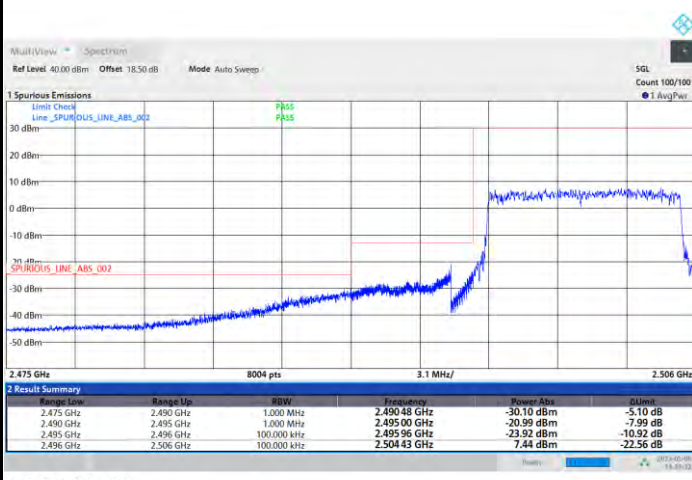


256QAM



**Conducted Band Edge**

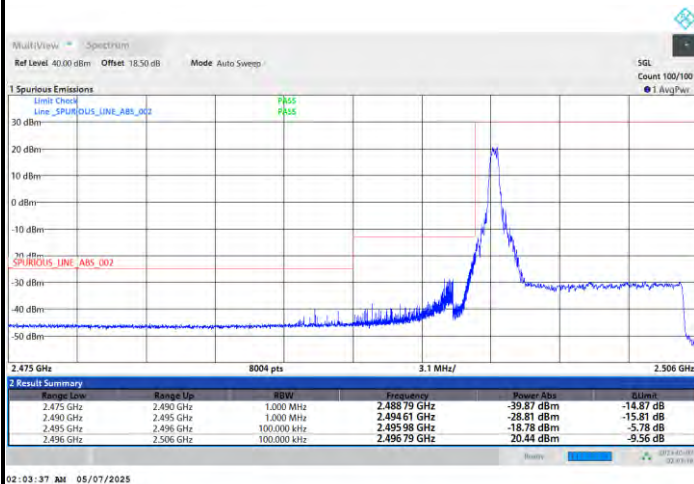
FR1 n41 / 10MHz / CP OFDM / QPSK

Lowest Band Edge / 1RB0**Highest Band Edge / 1RBmax****Lowest Band Edge / Full RB****Highest Band Edge / Full RB**

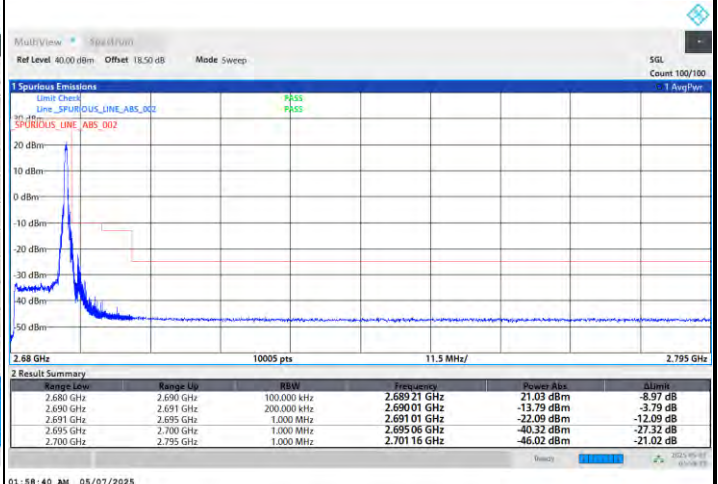


FR1 n41 / 10MHz / CP OFDM / 16QAM

Lowest Band Edge / 1RB0



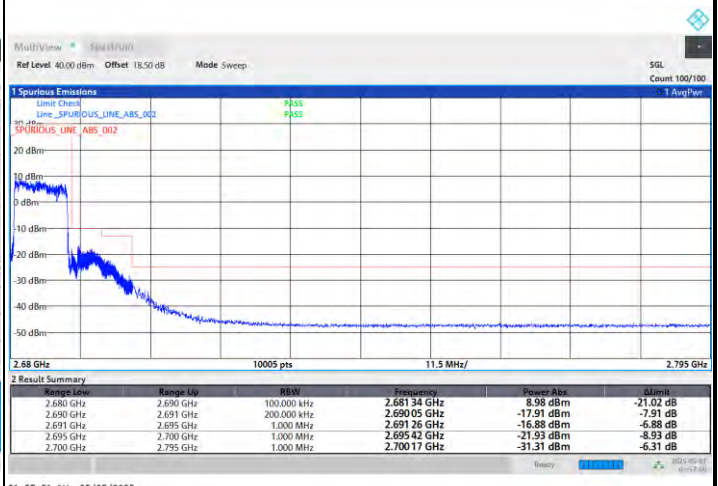
Highest Band Edge / 1RBmax



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

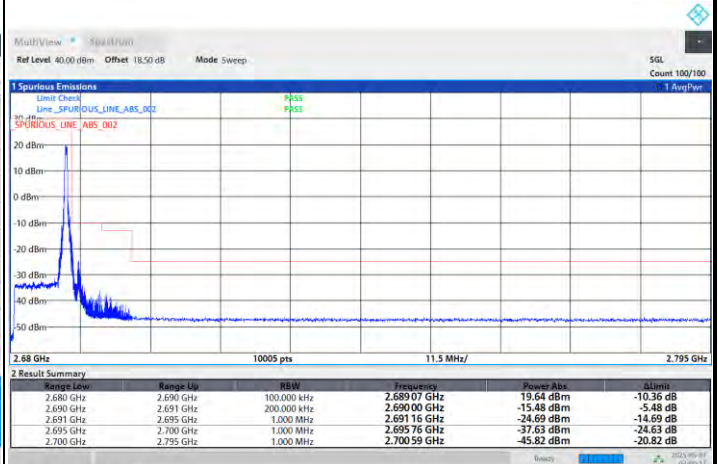
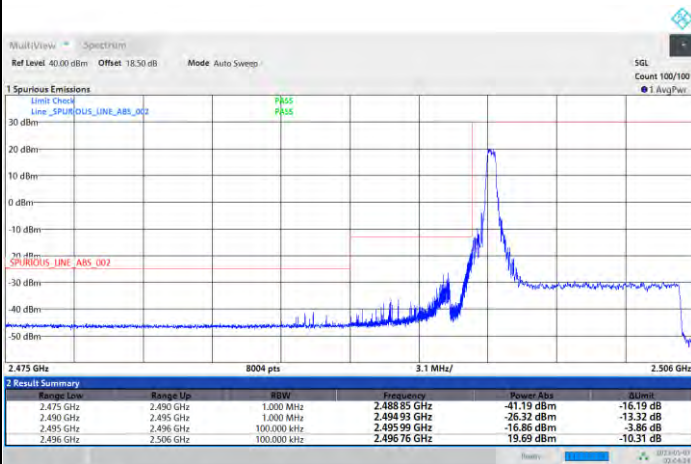




FR1 n41 / 10MHz / CP OFDM / 64QAM

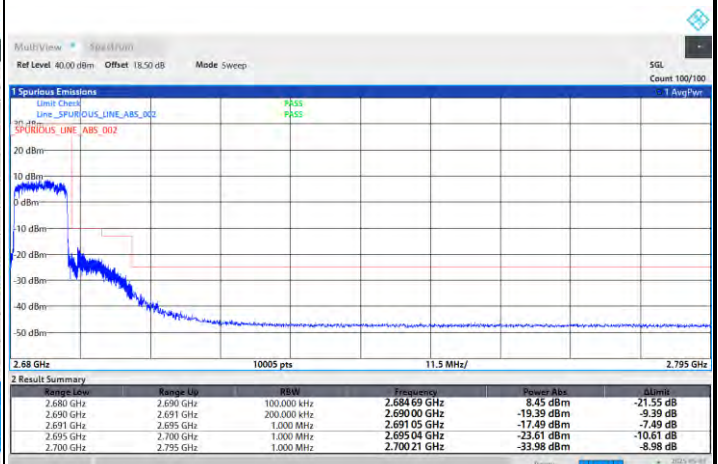
Lowest Band Edge / 1RB0

Highest Band Edge / 1RBmax



Lowest Band Edge / Full RB

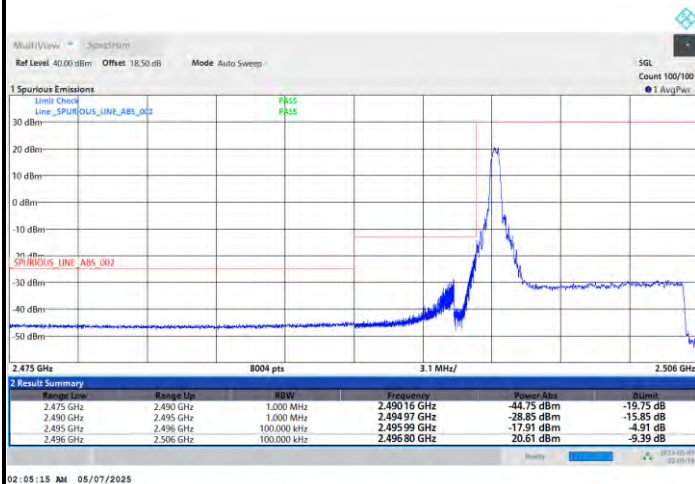
Highest Band Edge / Full RB



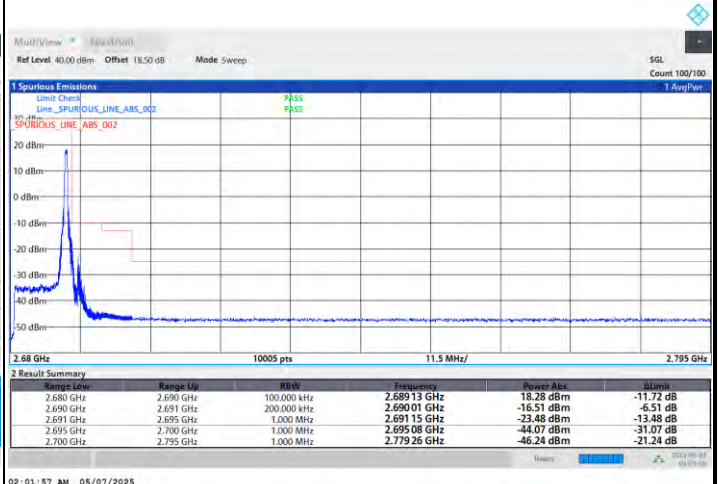


FR1 n41 / 10MHz / CP OFDM / 256QAM

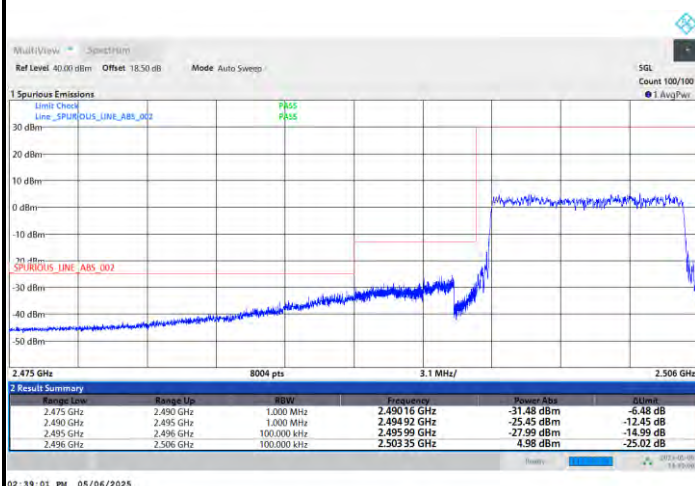
Lowest Band Edge / 1RB0



Highest Band Edge / 1RBmax



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

