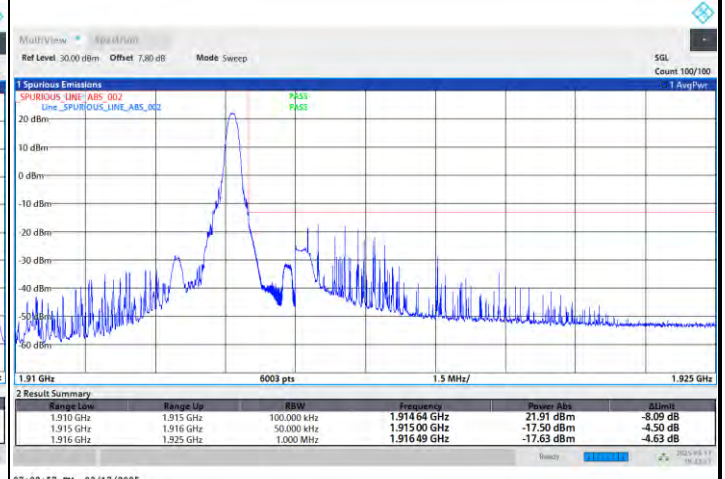
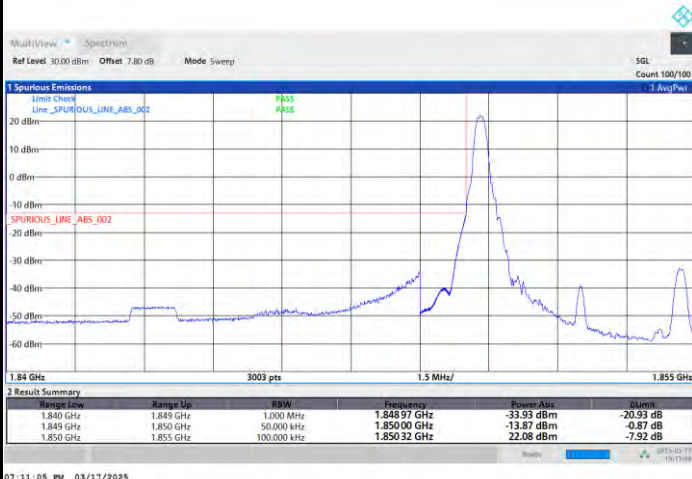
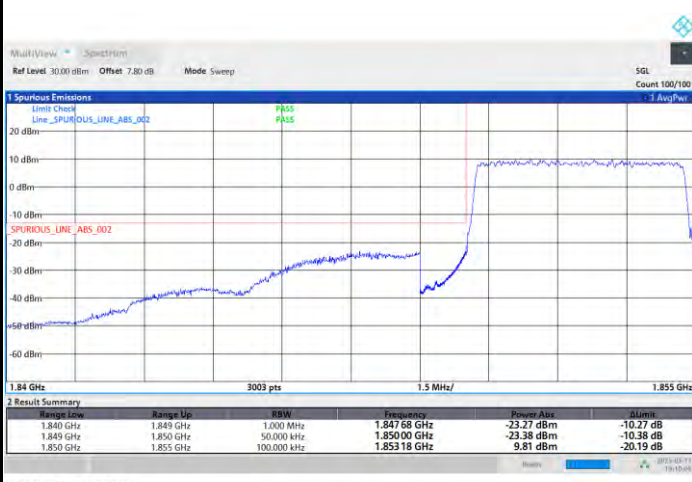


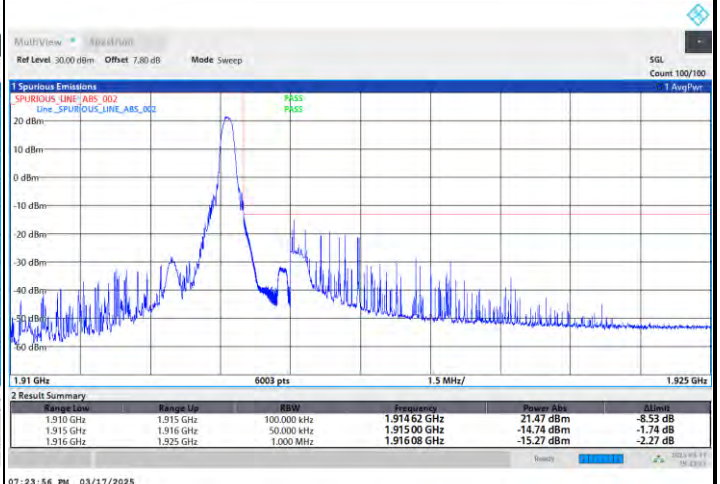
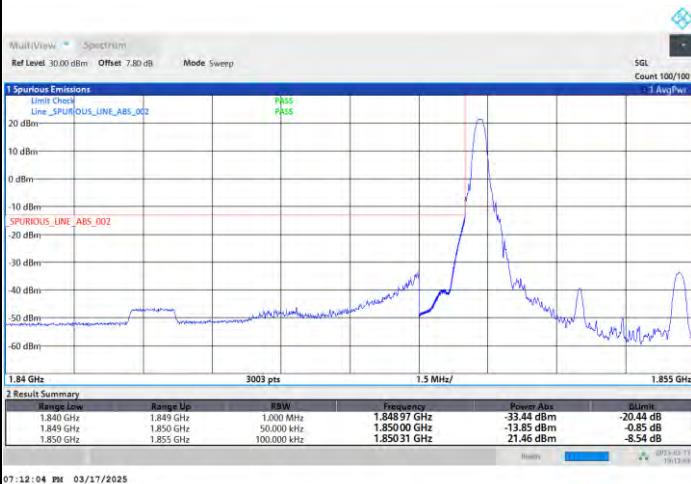
**Conducted Band Edge****FR1 n25 / 5MHz / DFT-S OFDM / PI/2 BPSK****Lowest Band Edge / 1RB0****Highest Band Edge / 1RBmax****Lowest Band Edge / Full RB****Highest Band Edge / Full RB**



FR1 n25 / 5MHz / DFT-S OFDM / QPSK

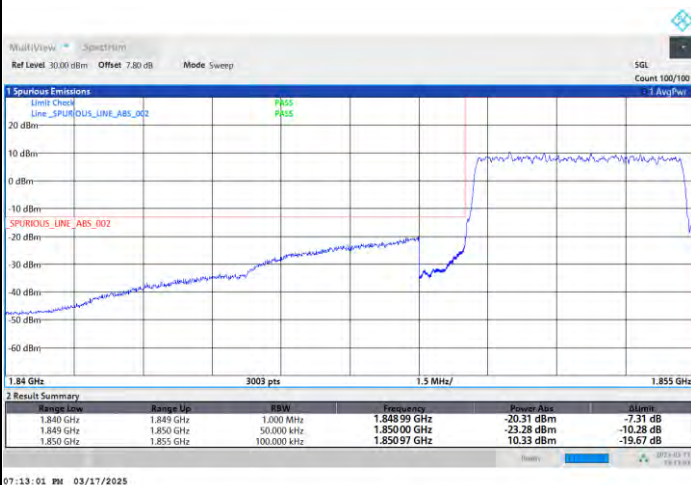
Lowest Band Edge / 1RB0

Highest Band Edge / 1RBmax



Lowest Band Edge / Full RB

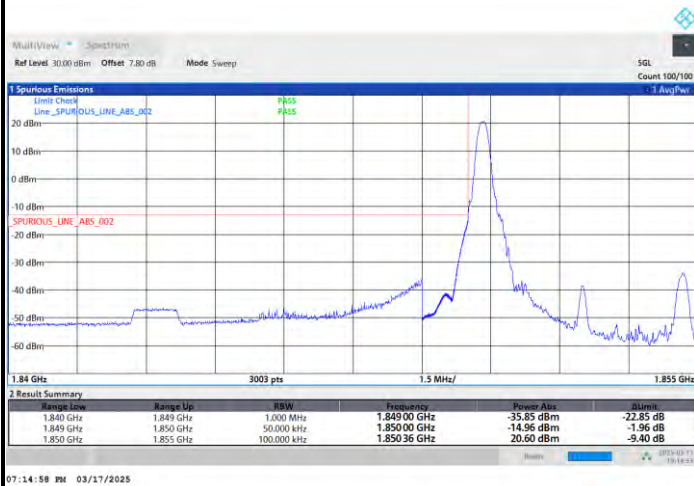
Highest Band Edge / Full RB



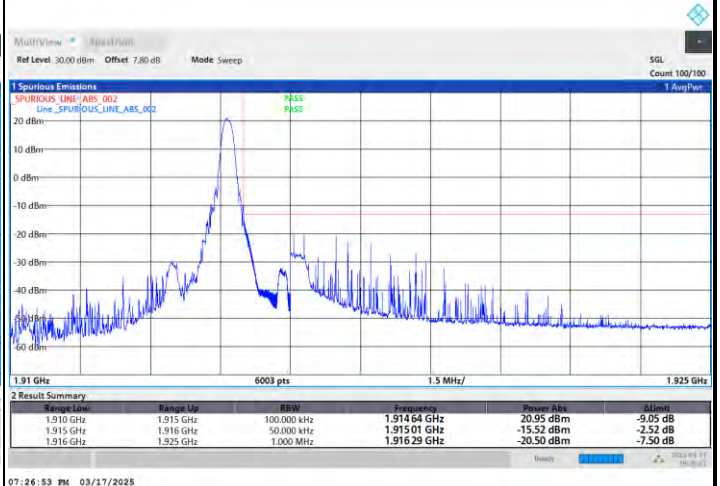


FR1 n25 / 5MHz / DFT-S OFDM / 16QAM

Lowest Band Edge / 1RB0



Highest Band Edge / 1RBmax



Lowest Band Edge / Full RB



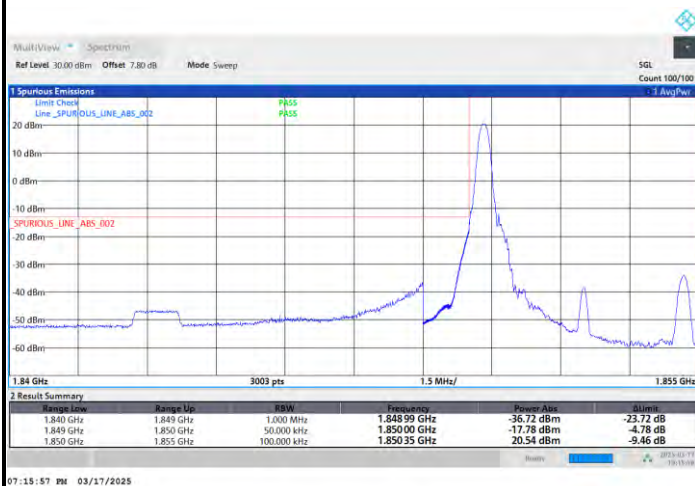
Highest Band Edge / Full RB





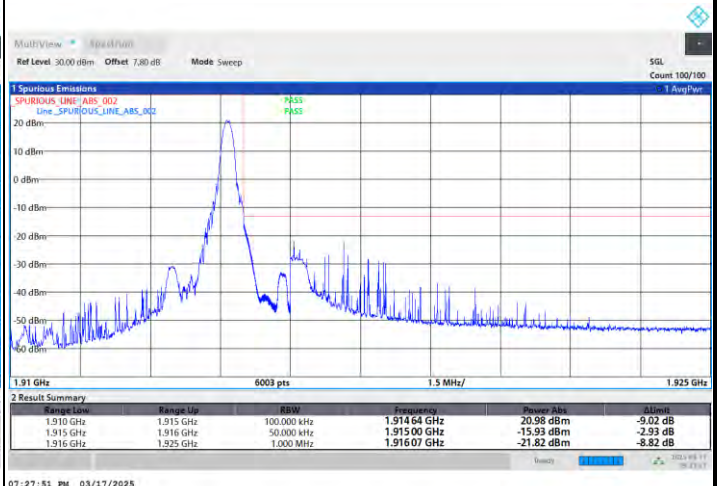
FR1 n25 / 5MHz / DFT-S OFDM / 64QAM

Lowest Band Edge / 1RB0



07:15:57 PM 03/17/2025

Highest Band Edge / 1RBmax



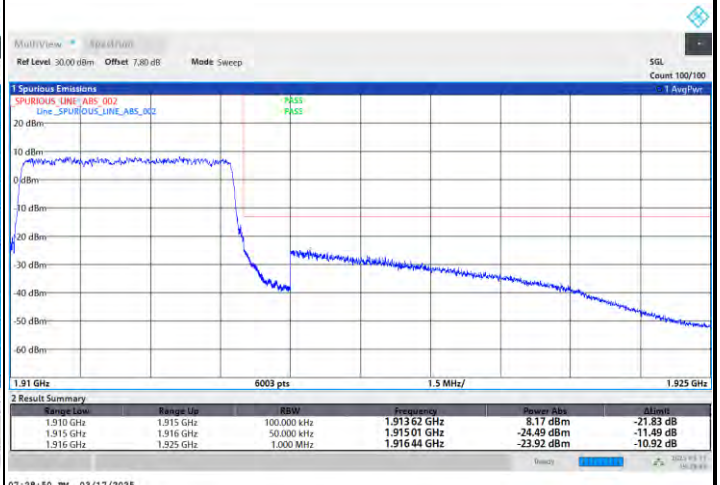
07:27:51 PM 03/17/2025

Lowest Band Edge / Full RB



07:16:56 PM 03/17/2025

Highest Band Edge / Full RB



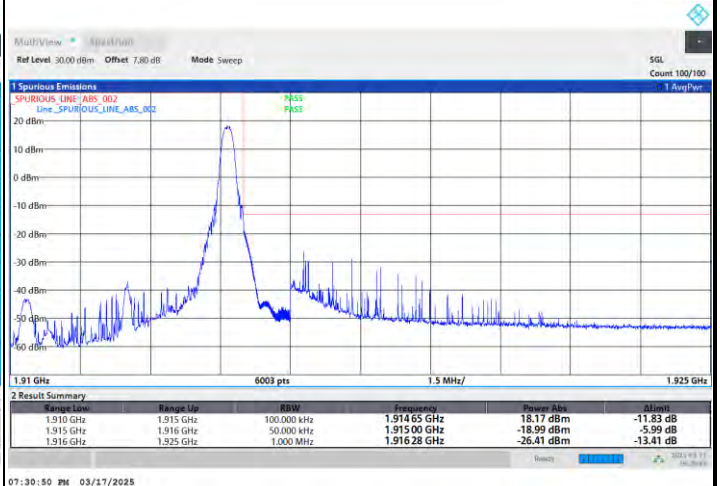
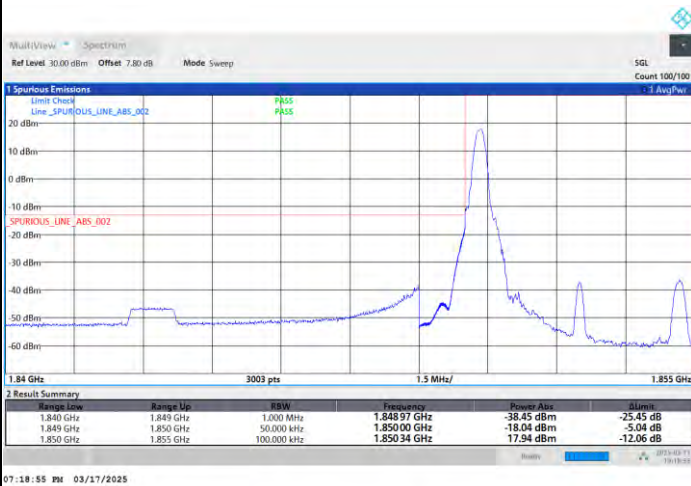
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FR1 n25 / 5MHz / DFT-S OFDM / 256QAM

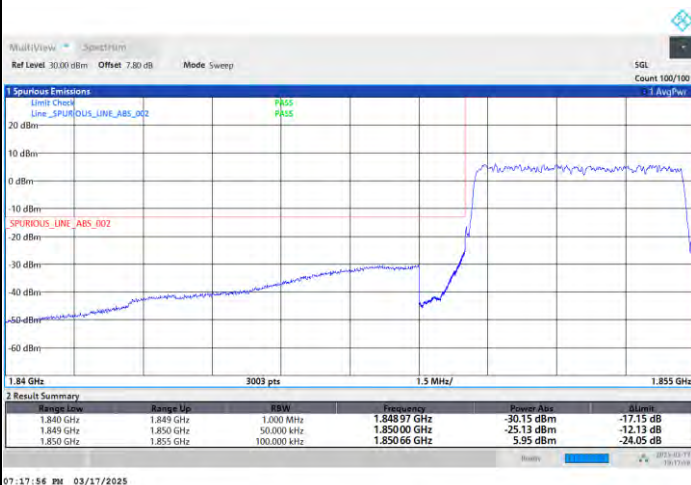
Lowest Band Edge / 1RB0

Highest Band Edge / 1RBmax



Lowest Band Edge / Full RB

Highest Band Edge / Full RB





FR1 n25 / 5MHz / CP OFDM / QPSK / Full RB

Lowest Band Edge



Highest Band Edge





FR1 n25 / 10MHz / DFT-s-OFDM / PI/2 BPSK

Lowest Band Edge / Full RB

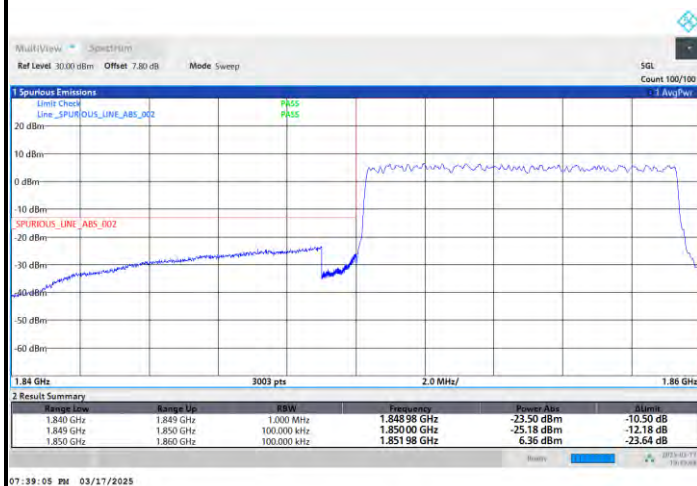


Highest Band Edge / Full RB



FR1 n25 / 10MHz / DFT-s-OFDM / QPSK

Lowest Band Edge / Full RB



Highest Band Edge / Full RB



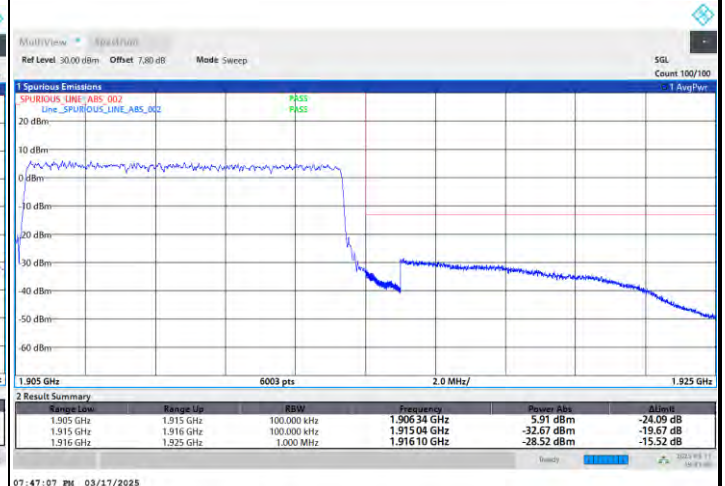


FR1 n25 / 10MHz / DFT-s-OFDM / 16QAM

Lowest Band Edge / Full RB



Highest Band Edge / Full RB



FR1 n25 / 10MHz / DFT-s-OFDM / 64QAM

Lowest Band Edge / Full RB



Highest Band Edge / Full RB





FR1 n25 / 10MHz / DFT-s-OFDM / 256QAM

Lowest Band Edge / Full RB



Highest Band Edge / Full RB



FR1 n25 / 10MHz / CP OFDM / QPSK / Full RB

Lowest Band Edge



Highest Band Edge





FR1 n25 / 15MHz / DFT-s-OFDM / PI/2 BPSK

Lowest Band Edge / Full RB



07:56:56 PM 03/17/2025

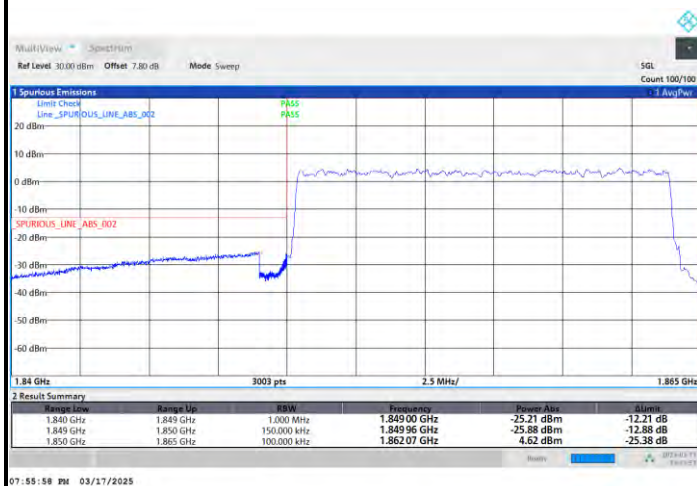
Highest Band Edge / Full RB



08:00:02 PM 03/17/2025

FR1 n25 / 15MHz / DFT-s-OFDM / QPSK

Lowest Band Edge / Full RB



07:55:58 PM 03/17/2025

Highest Band Edge / Full RB

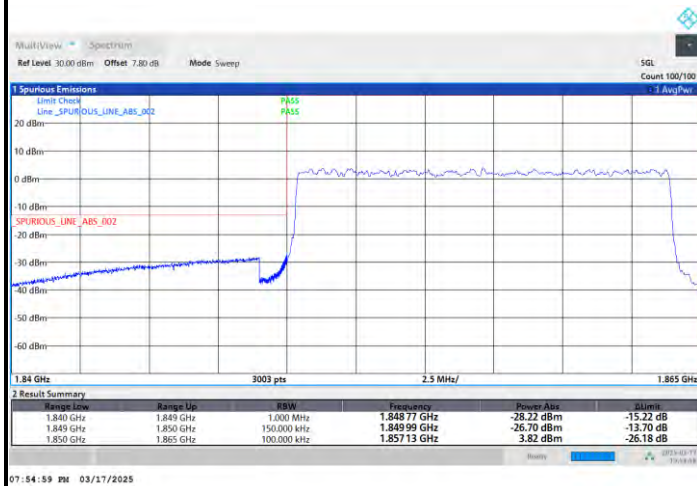


08:01:01 PM 03/17/2025



FR1 n25 / 15MHz / DFT-s-OFDM / 16QAM

Lowest Band Edge / Full RB

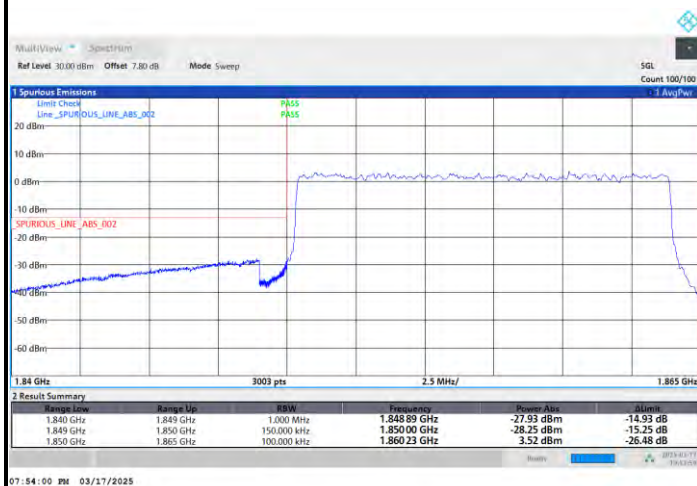


Highest Band Edge / Full RB



FR1 n25 / 15MHz / DFT-s-OFDM / 64QAM

Lowest Band Edge / Full RB



Highest Band Edge / Full RB





FR1 n25 / 15MHz / DFT-s-OFDM / 256QAM

Lowest Band Edge / Full RB

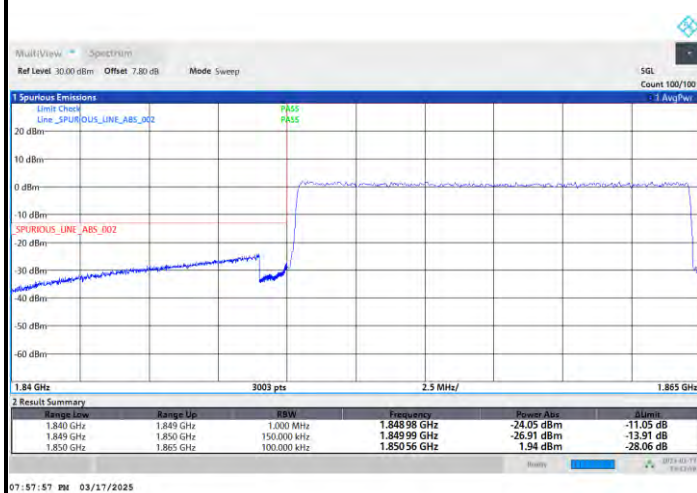


Highest Band Edge / Full RB



FR1 n25 / 15MHz / CP OFDM / QPSK / Full RB

Lowest Band Edge



Highest Band Edge





FR1 n25 / 20MHz / DFT-s-OFDM / PI/2 BPSK

Lowest Band Edge / Full RB

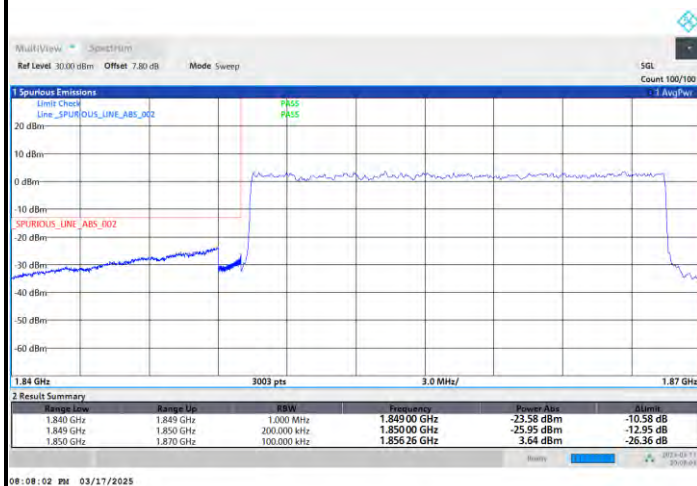


Highest Band Edge / Full RB

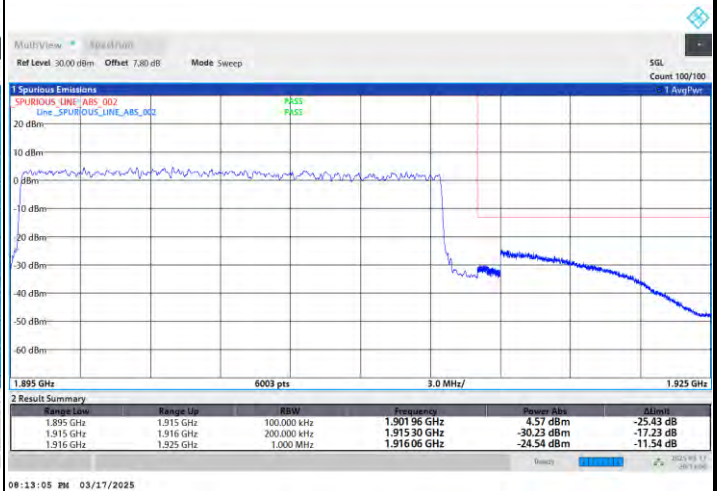


FR1 n25 / 20MHz / DFT-s-OFDM / QPSK

Lowest Band Edge / Full RB



Highest Band Edge / Full RB



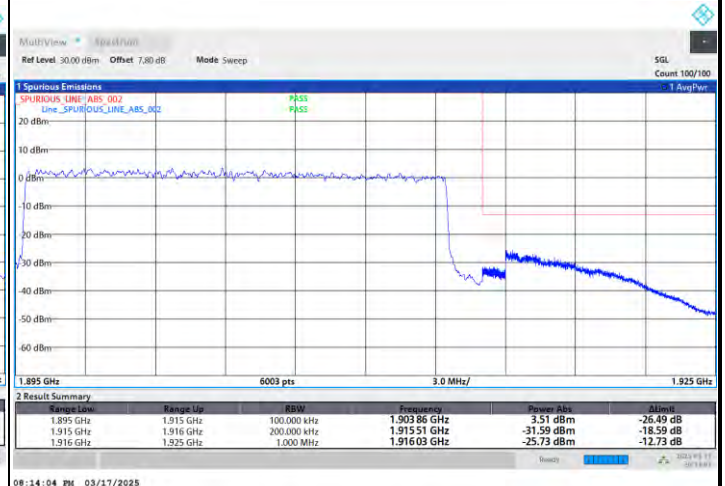


FR1 n25 / 20MHz / DFT-s-OFDM / 16QAM

Lowest Band Edge / Full RB

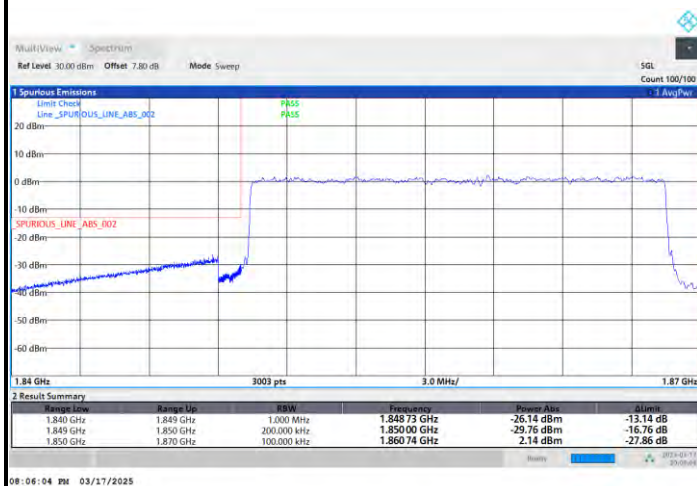


Highest Band Edge / Full RB



FR1 n25 / 20MHz / DFT-s-OFDM / 64QAM

Lowest Band Edge / Full RB



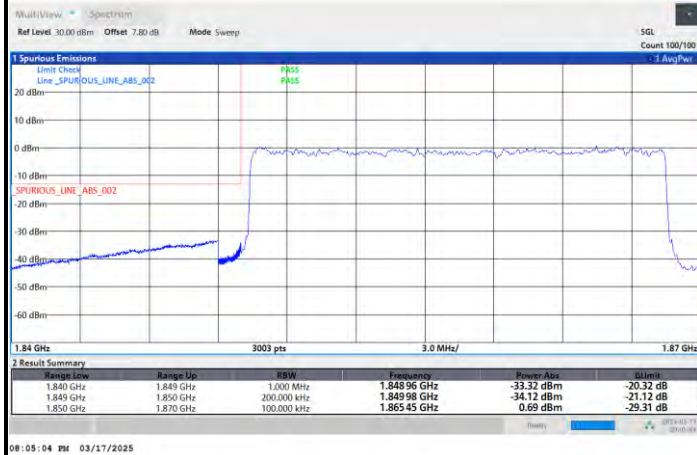
Highest Band Edge / Full RB



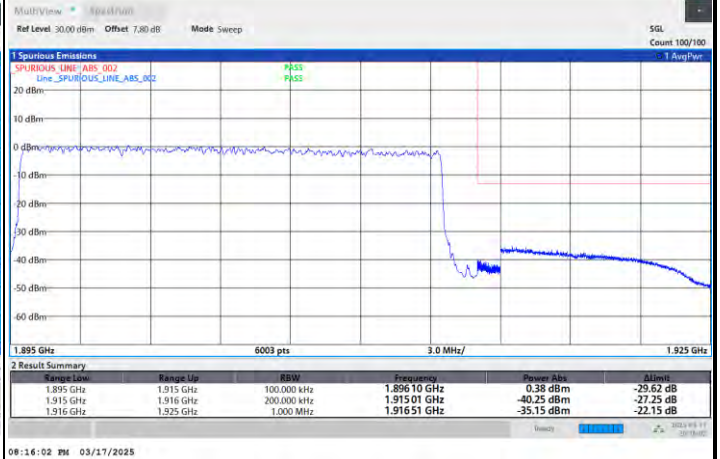


FR1 n25 / 20MHz / DFT-s-OFDM / 256QAM

Lowest Band Edge / Full RB

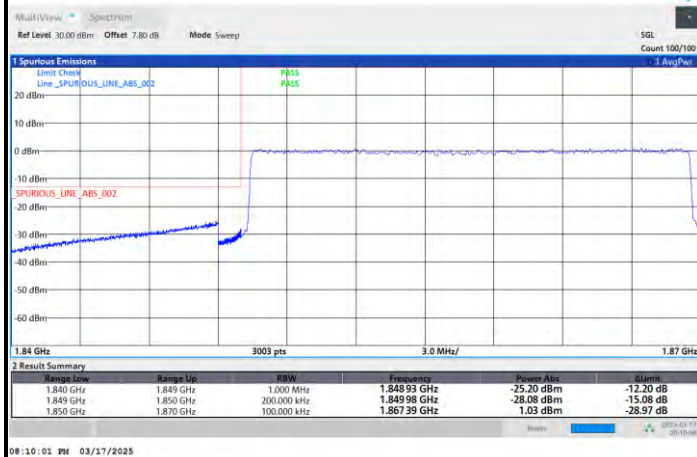


Highest Band Edge / Full RB

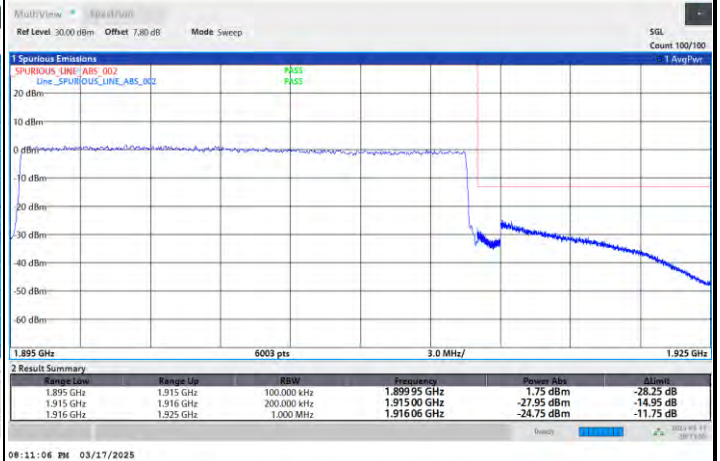


FR1 n25 / 20MHz / CP OFDM / QPSK / Full RB

Lowest Band Edge



Highest Band Edge





FR1 n25 / 25MHz / DFT-s-OFDM / PI/2 BPSK

Lowest Band Edge / Full RB

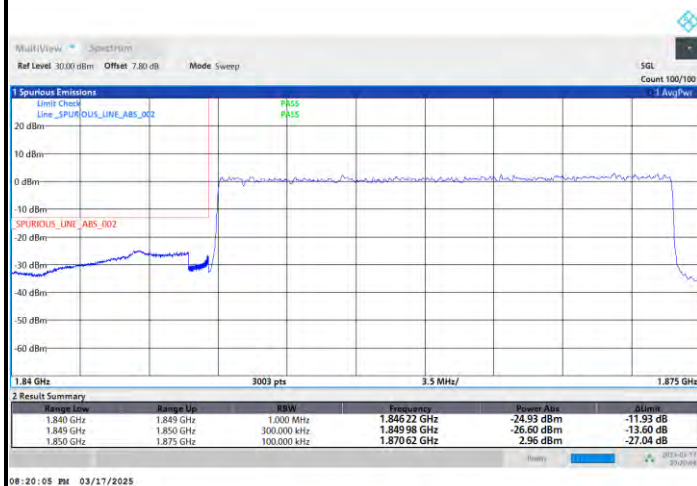


Highest Band Edge / Full RB

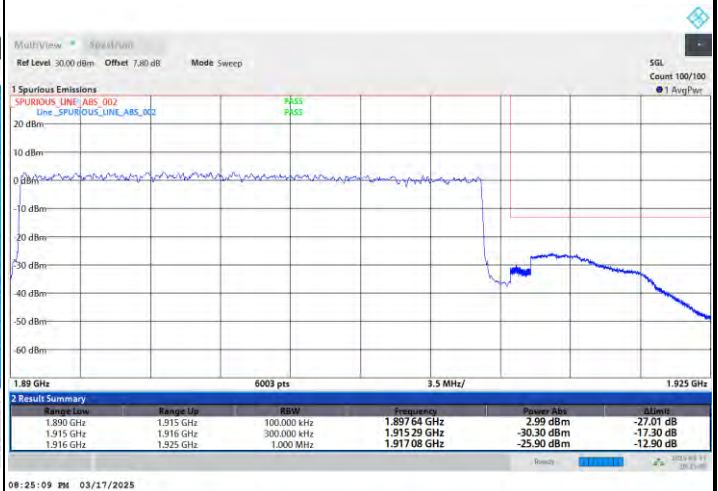


FR1 n25 / 25MHz / DFT-s-OFDM / QPSK

Lowest Band Edge / Full RB



Highest Band Edge / Full RB





FR1 n25 / 25MHz / DFT-s-OFDM / 16QAM

Lowest Band Edge / Full RB



08:19:07 PM 03/17/2025

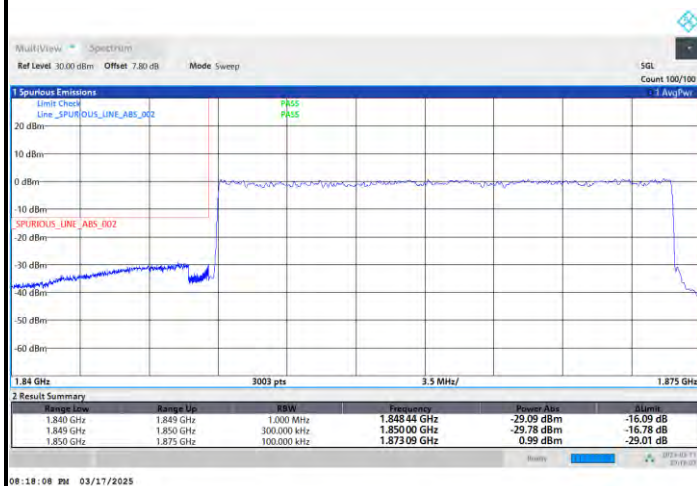
Highest Band Edge / Full RB



08:26:08 PM 03/17/2025

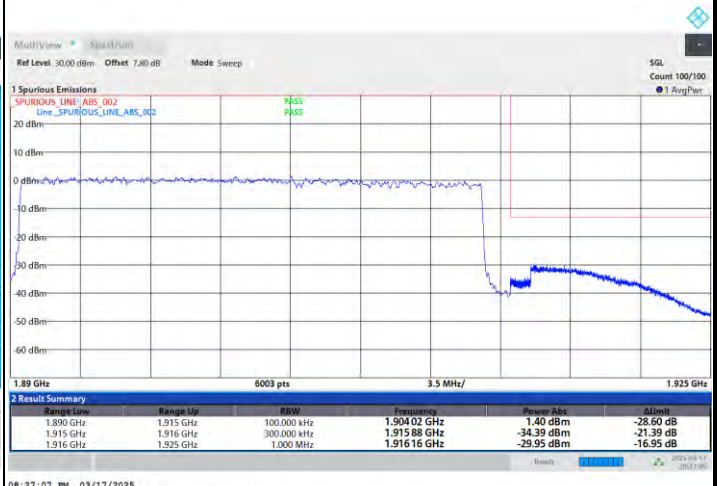
FR1 n25 / 25MHz / DFT-s-OFDM / 64QAM

Lowest Band Edge / Full RB



08:18:08 PM 03/17/2025

Highest Band Edge / Full RB



08:27:07 PM 03/17/2025

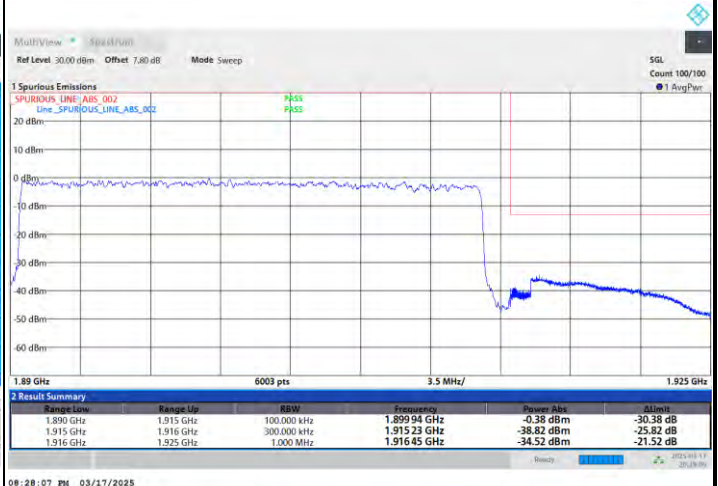


FR1 n25 / 25MHz / DFT-s-OFDM / 256QAM

Lowest Band Edge / Full RB



Highest Band Edge / Full RB



FR1 n25 / 25MHz / CP OFDM / QPSK / Full RB

Lowest Band Edge



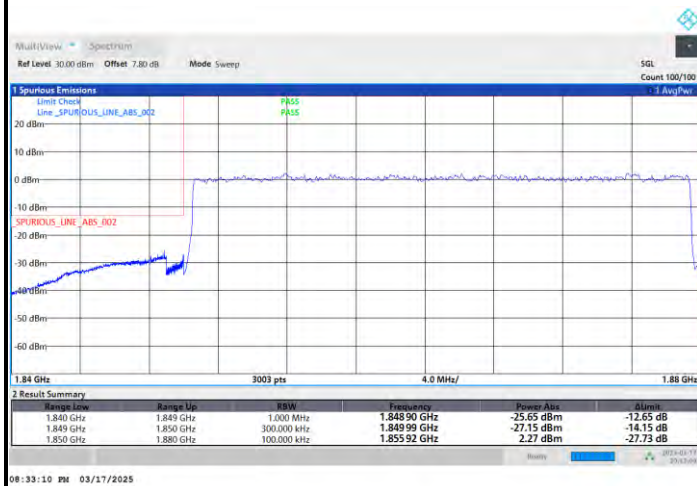
Highest Band Edge



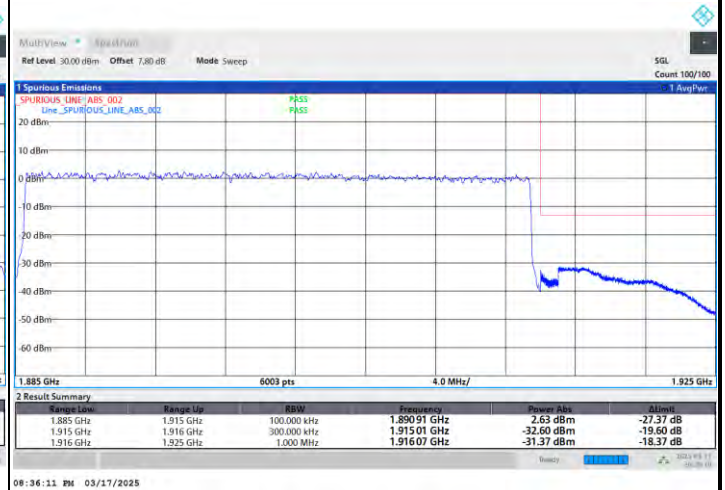


FR1 n25 / 30MHz / DFT-s-OFDM / PI/2 BPSK

Lowest Band Edge / Full RB

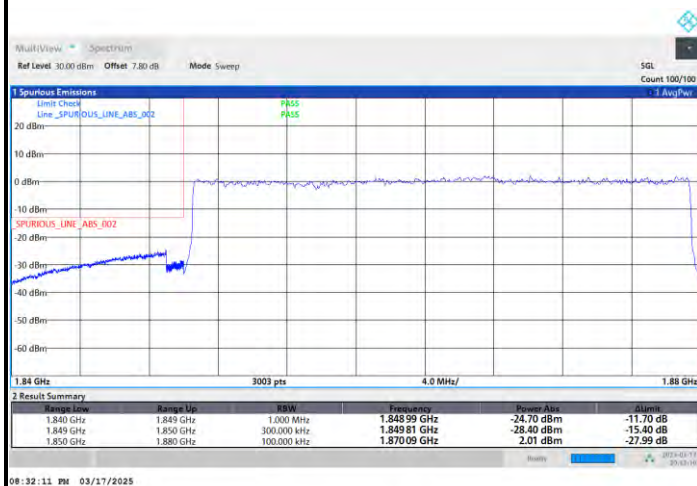


Highest Band Edge / Full RB



FR1 n25 / 30MHz / DFT-s-OFDM / QPSK

Lowest Band Edge / Full RB



Highest Band Edge / Full RB





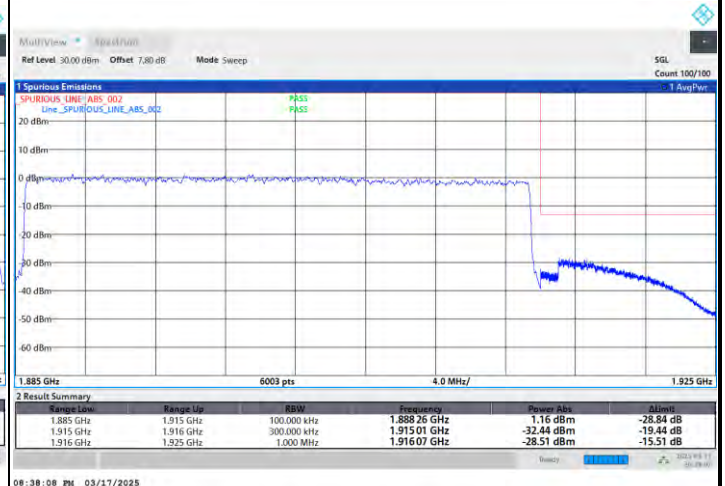
FR1 n25 / 30MHz / DFT-s-OFDM / 16QAM

Lowest Band Edge / Full RB



08:31:12 PM 03/17/2025

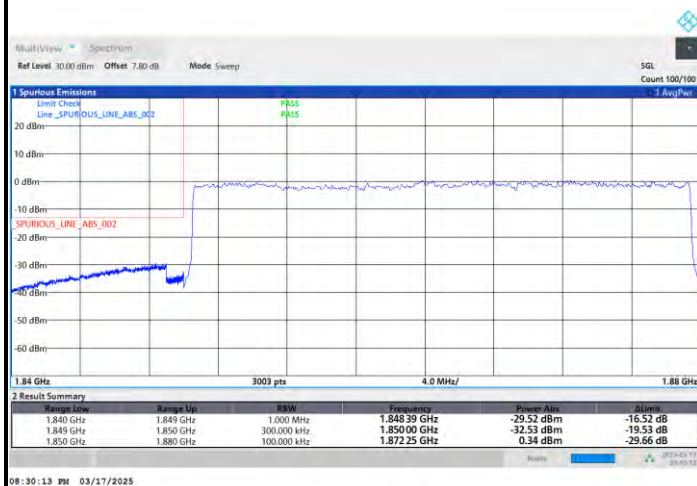
Highest Band Edge / Full RB



08:38:08 PM 03/17/2025

FR1 n25 / 30MHz / DFT-s-OFDM / 64QAM

Lowest Band Edge / Full RB



08:30:13 PM 03/17/2025

Highest Band Edge / Full RB



08:39:07 PM 03/17/2025



FR1 n25 / 30MHz / DFT-s-OFDM / 256QAM

Lowest Band Edge / Full RB



Highest Band Edge / Full RB

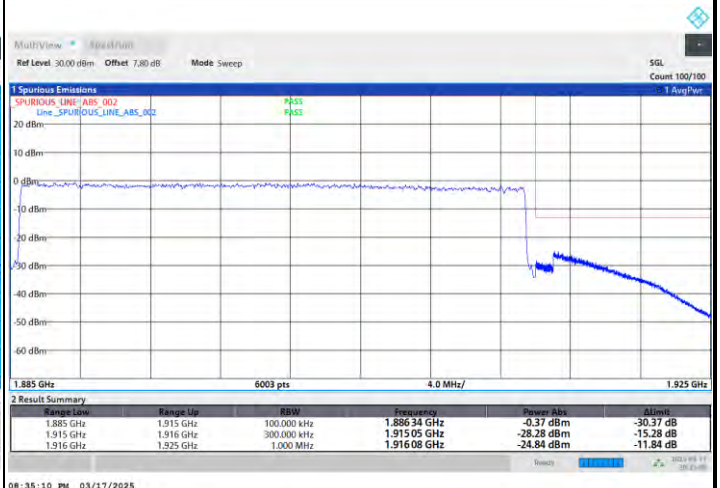


FR1 n25 / 30MHz / CP OFDM / QPSK / Full RB

Lowest Band Edge



Highest Band Edge





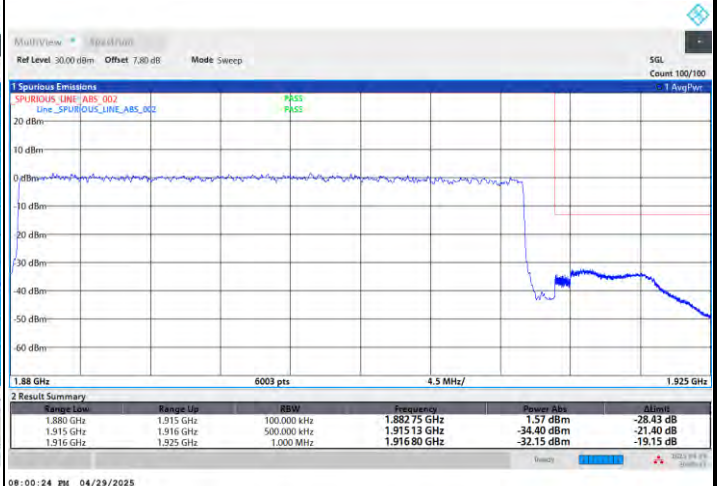
FR1 n25 / 35MHz / DFT-s-OFDM / PI/2 BPSK

Lowest Band Edge / Full RB



08:02:51 PM 04/29/2025

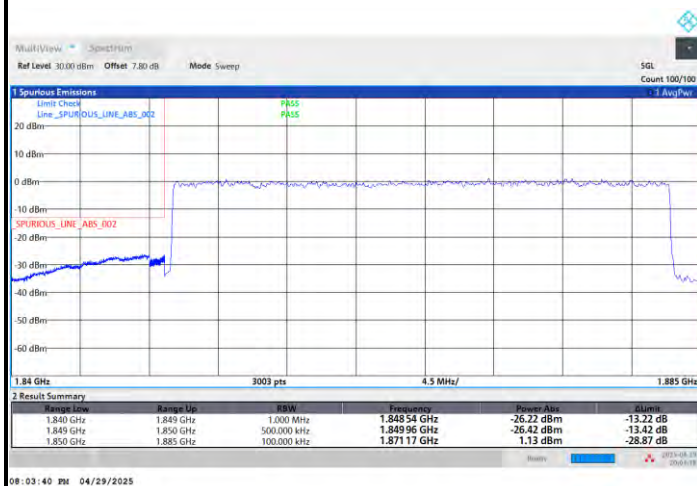
Highest Band Edge / Full RB



08:00:24 PM 04/29/2025

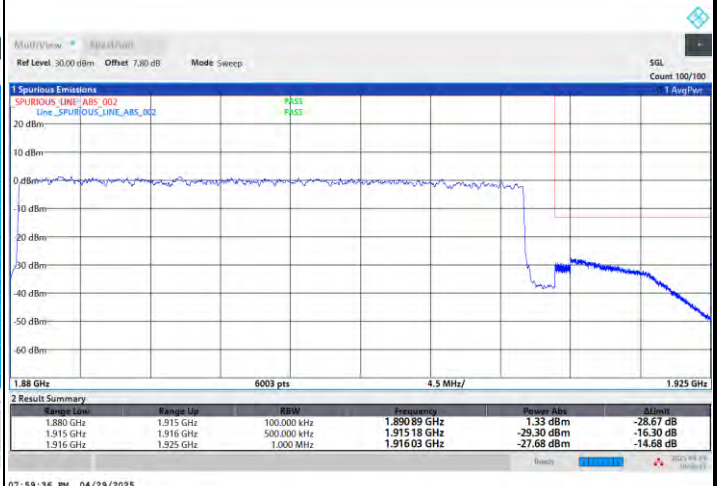
FR1 n25 / 35MHz / DFT-s-OFDM / QPSK

Lowest Band Edge / Full RB



08:03:40 PM 04/29/2025

Highest Band Edge / Full RB



07:59:36 PM 04/29/2025



FR1 n25 / 35MHz / DFT-s-OFDM / 16QAM

Lowest Band Edge / Full RB



08:04:27 PM 04/29/2025

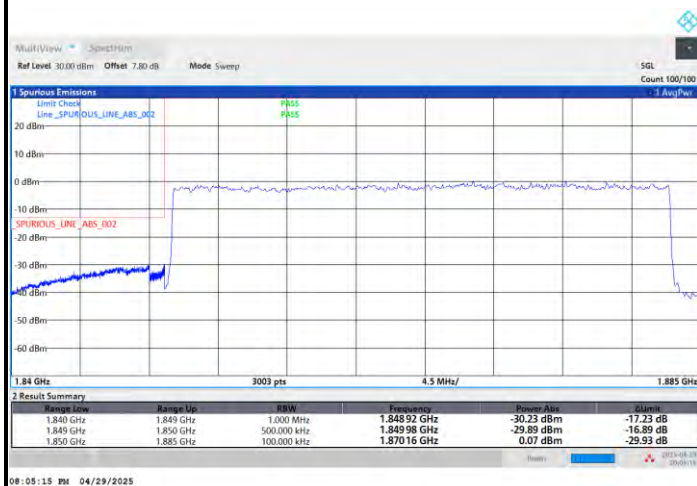
Highest Band Edge / Full RB



07:58:49 PM 04/29/2025

FR1 n25 / 35MHz / DFT-s-OFDM / 64QAM

Lowest Band Edge / Full RB



08:05:15 PM 04/29/2025

Highest Band Edge / Full RB



07:58:01 PM 04/29/2025

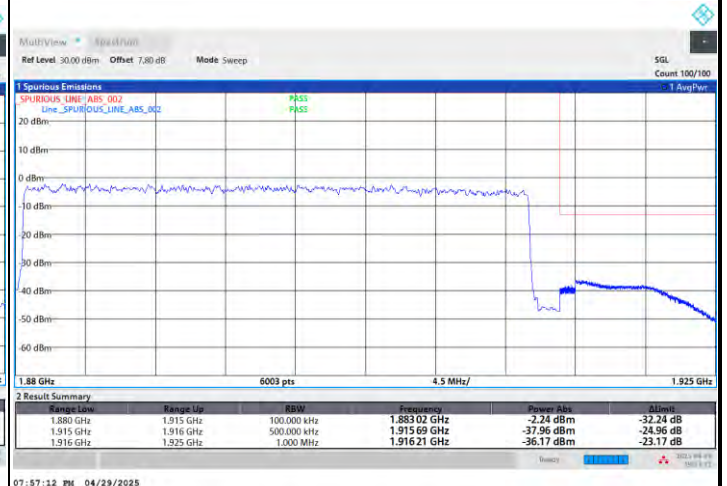


FR1 n25 / 35MHz / DFT-s-OFDM / 256QAM

Lowest Band Edge / Full RB



Highest Band Edge / Full RB



FR1 n25 / 35MHz / CP OFDM / QPSK / Full RB

Lowest Band Edge



Highest Band Edge



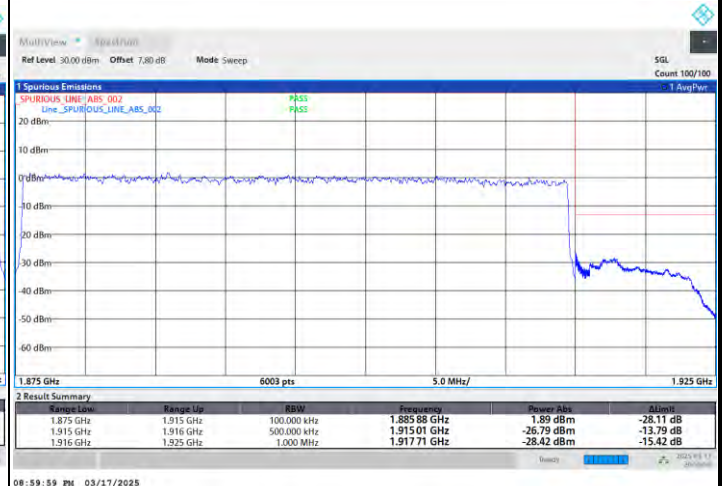


FR1 n25 / 40MHz / DFT-s-OFDM / PI/2 BPSK

Lowest Band Edge / Full RB

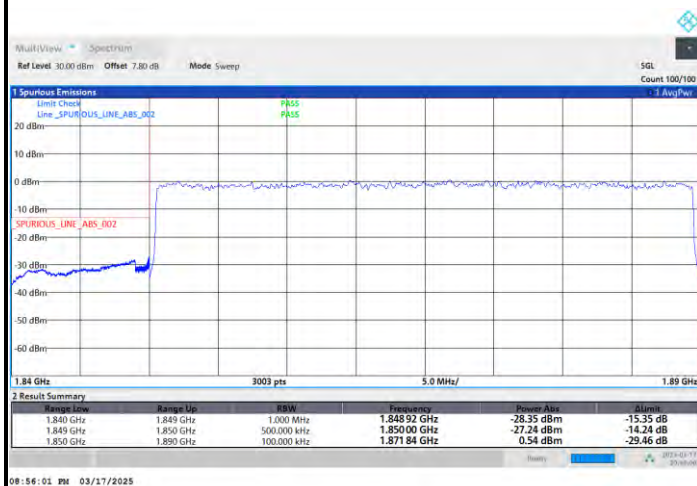


Highest Band Edge / Full RB

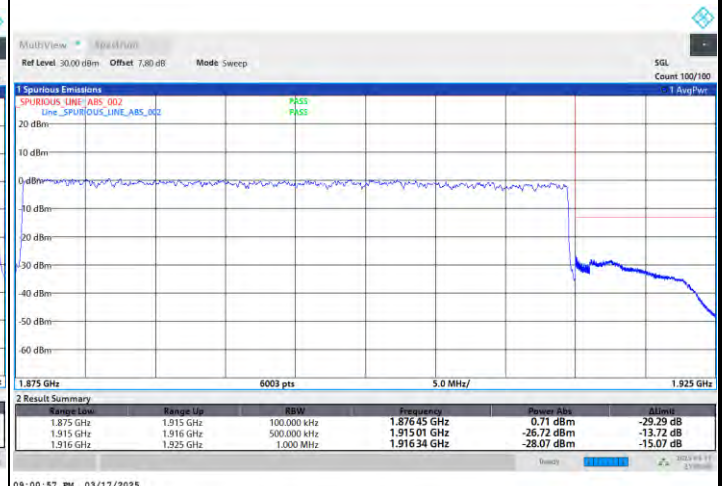


FR1 n25 / 40MHz / DFT-s-OFDM / QPSK

Lowest Band Edge / Full RB



Highest Band Edge / Full RB



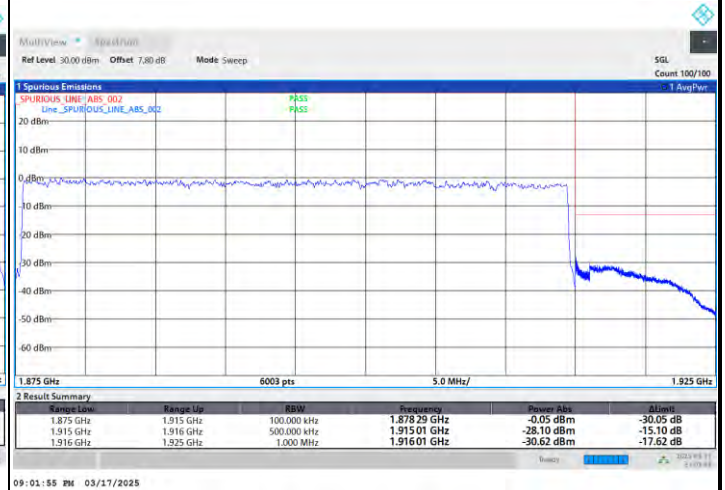


FR1 n25 / 40MHz / DFT-s-OFDM / 16QAM

Lowest Band Edge / Full RB

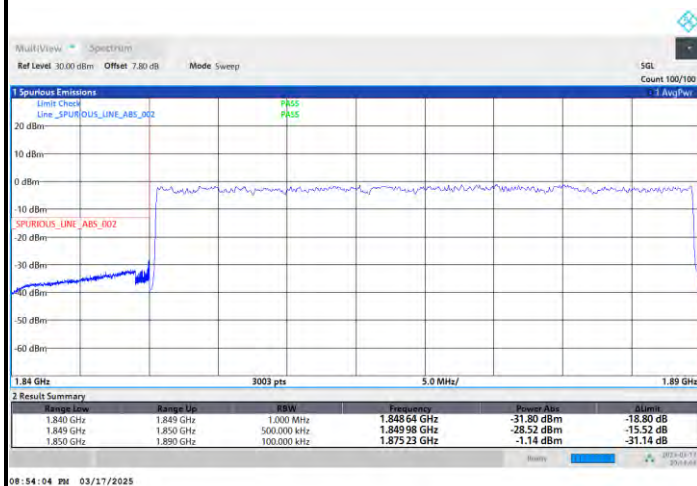


Highest Band Edge / Full RB

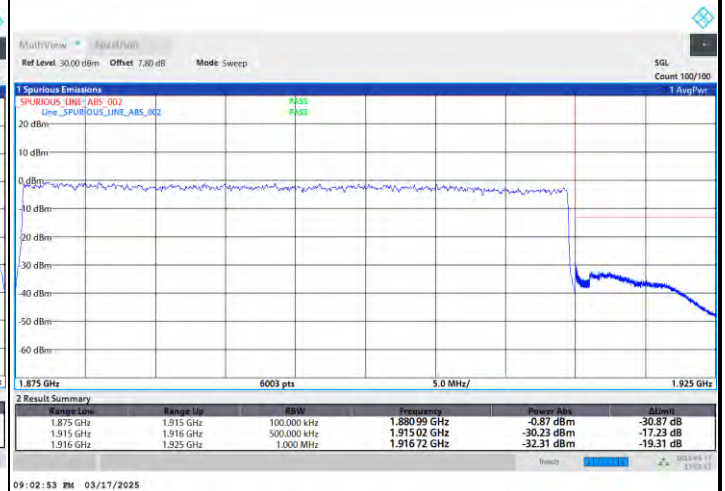


FR1 n25 / 40MHz / DFT-s-OFDM / 64QAM

Lowest Band Edge / Full RB



Highest Band Edge / Full RB



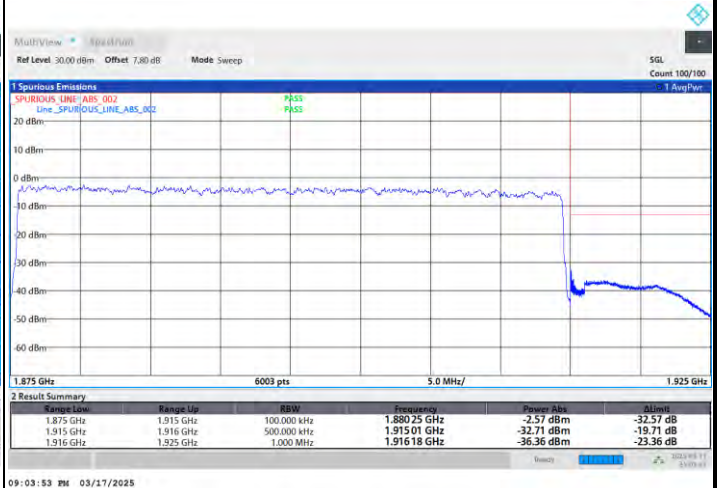


FR1 n25 / 40MHz / DFT-s-OFDM / 256QAM

Lowest Band Edge / Full RB

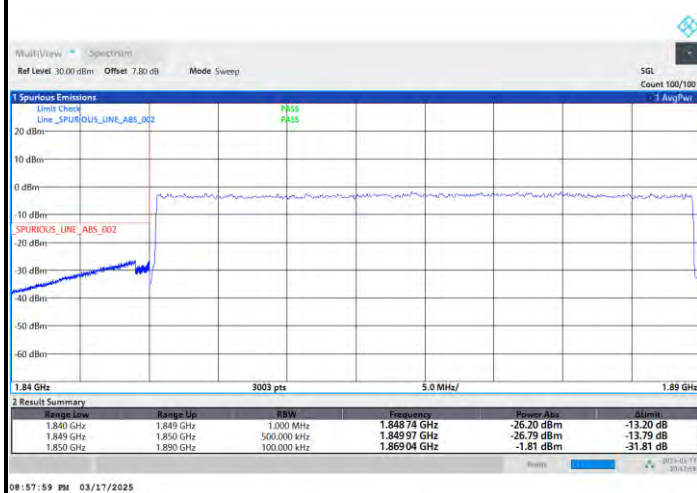


Highest Band Edge / Full RB

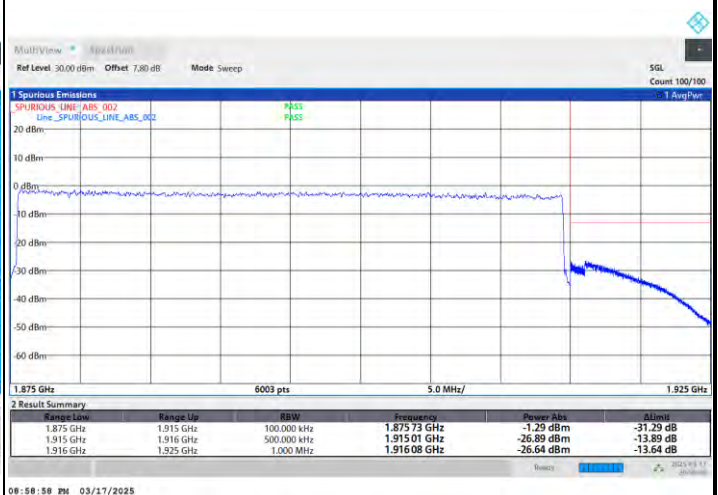


FR1 n25 / 40MHz / CP OFDM / QPSK / Full RB

Lowest Band Edge



Highest Band Edge

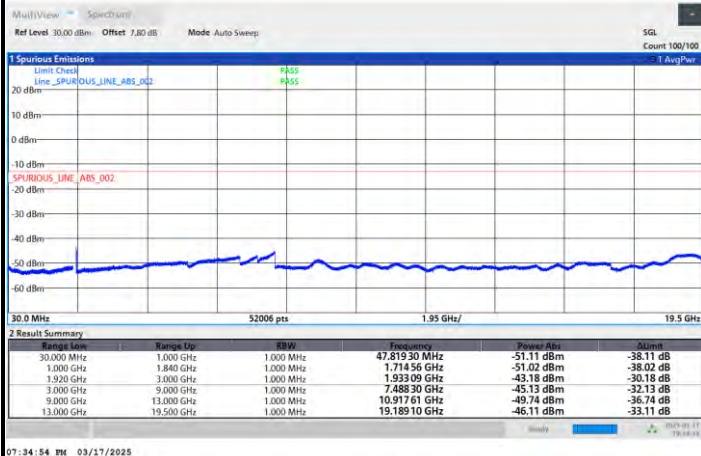




Conducted Spurious Emission

FR1 n25 / 5MHz / DFT-S OFDM / QPSK / 1RB1

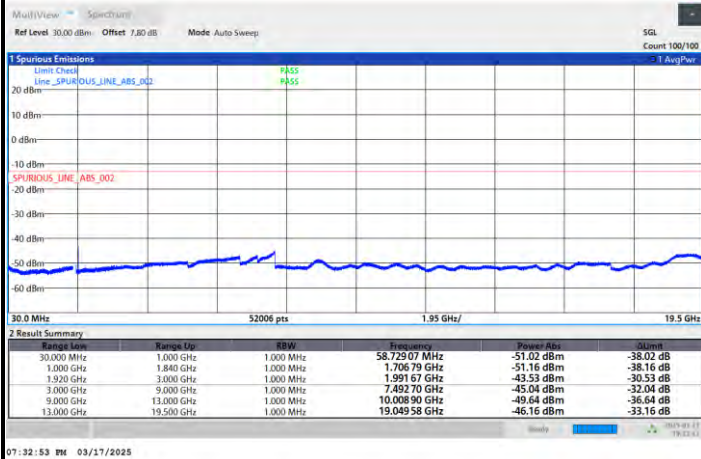
Lowest Channel



Middle Channel



Highest Channel



Frequency Stability

Test Conditions		FR1 n25 (BPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 20MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0025	PASS
40	Normal Voltage	0.0006	
30	Normal Voltage	0.0041	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0056	
0	Normal Voltage	0.0047	
-10	Normal Voltage	0.0014	
-20	Normal Voltage	0.0028	
-30	Normal Voltage	0.0024	
20	Maximum Voltage	0.0044	
20	Normal Voltage	0.0000	
20	Minimum Voltage	0.0037	

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. 0)****Peak-to-Average Ratio**

Mode	FR1 n25 / 20MHz / CP OFDM				
Mod.	QPSK	16QAM	64QAM	256QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Full RB	Result
Middle CH	6.60	6.64	7.52	8.64	PASS



FR1 n25 / 20MHz /CP OFDM / Middle Channel / Full RB

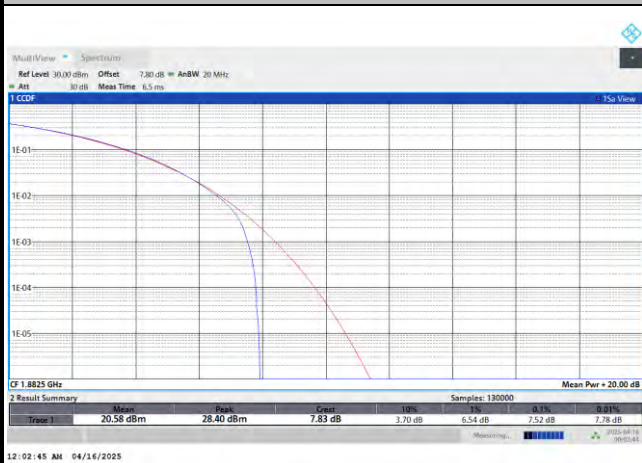
QPSK



16QAM



64QAM

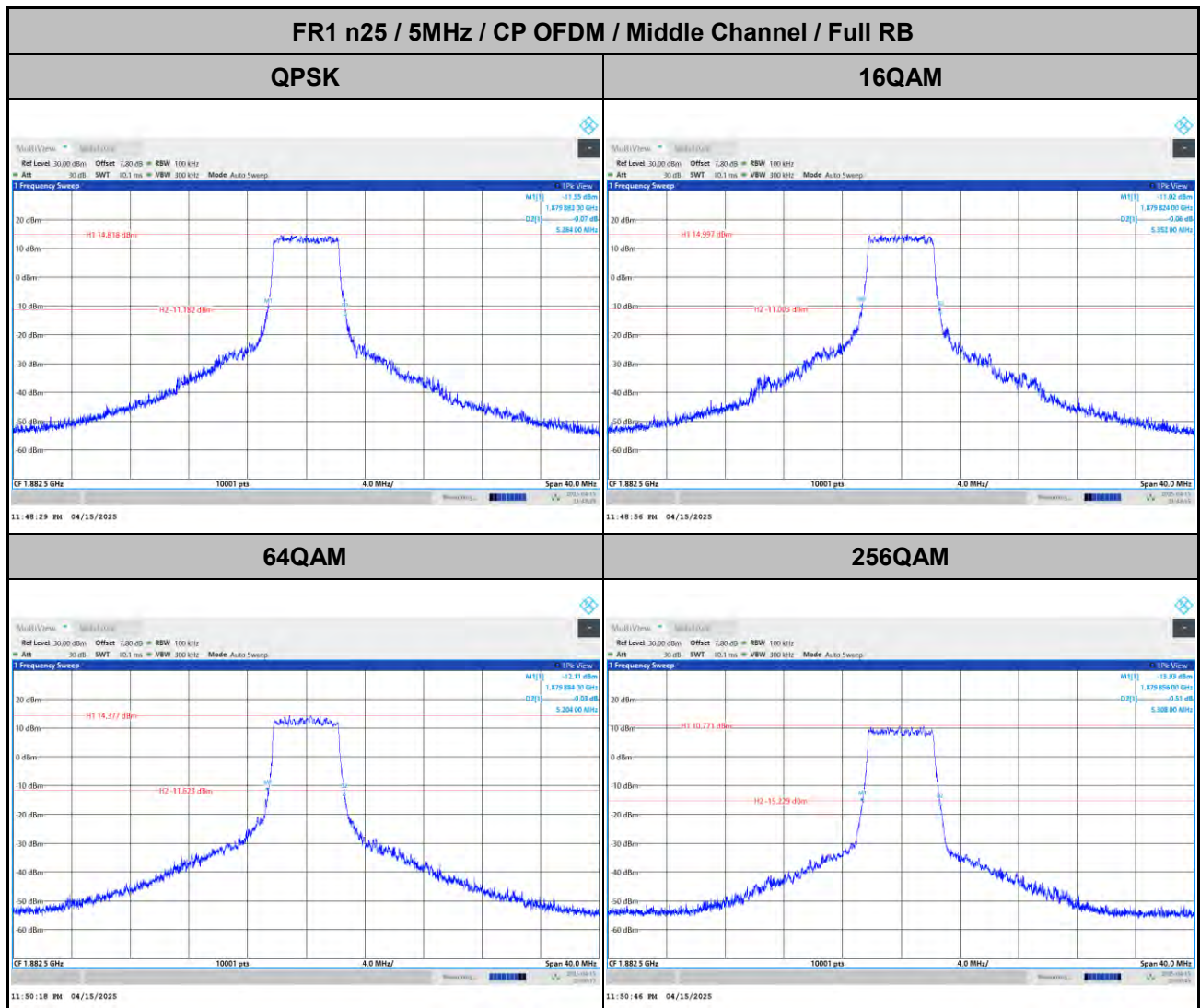


256QAM



**26dB Bandwidth**

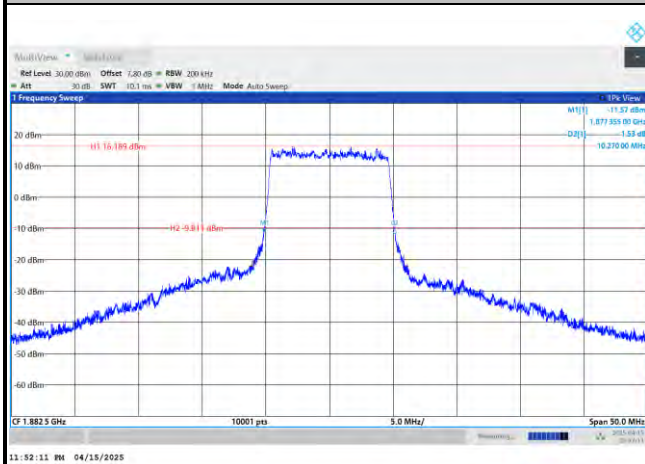
Mode	FR1 n25 : 26dB BW(MHz) / CP OFDM							
BW	5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	5.26	5.35	10.27	10.16	15.33	15.31	21.13	20.42
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Middle CH	5.20	5.30	10.08	10.32	15.22	15.23	20.46	20.47
BW	25MHz		30MHz		35MHz		40MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	25.33	25.34	32.07	31.22	36.72	36.38	41.36	41.34
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Middle CH	25.18	25.25	31.36	31.10	37.99	36.00	41.06	41.14



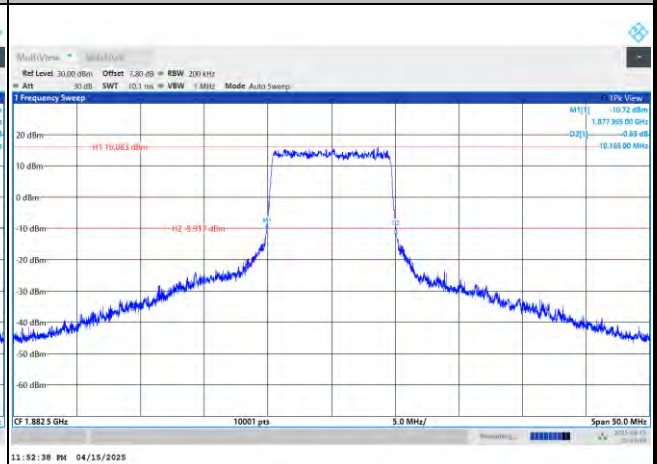


FR1 n25 / 10MHz / CP OFDM / Middle Channel / Full RB

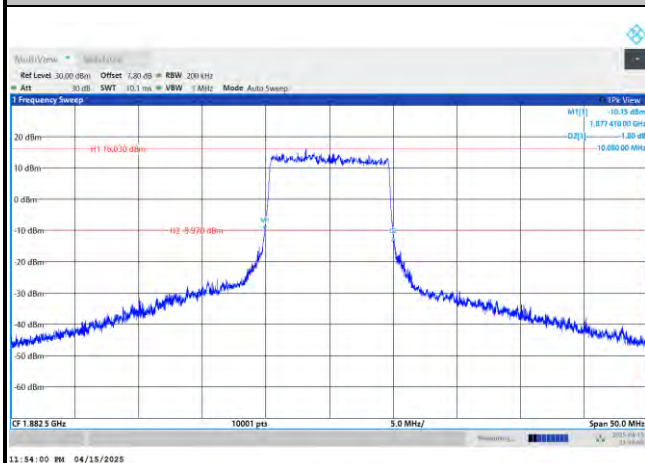
QPSK



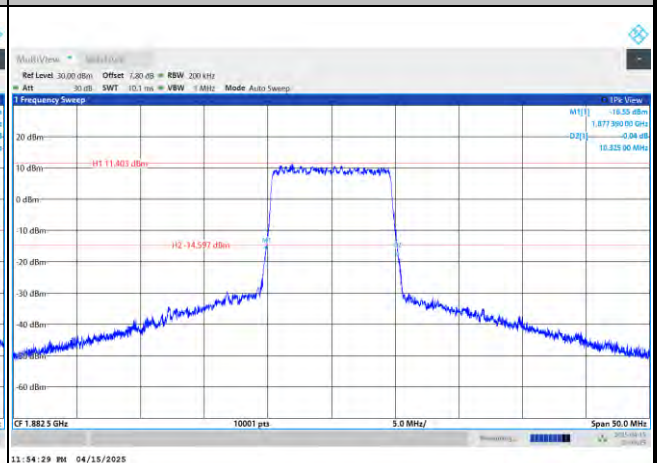
16QAM

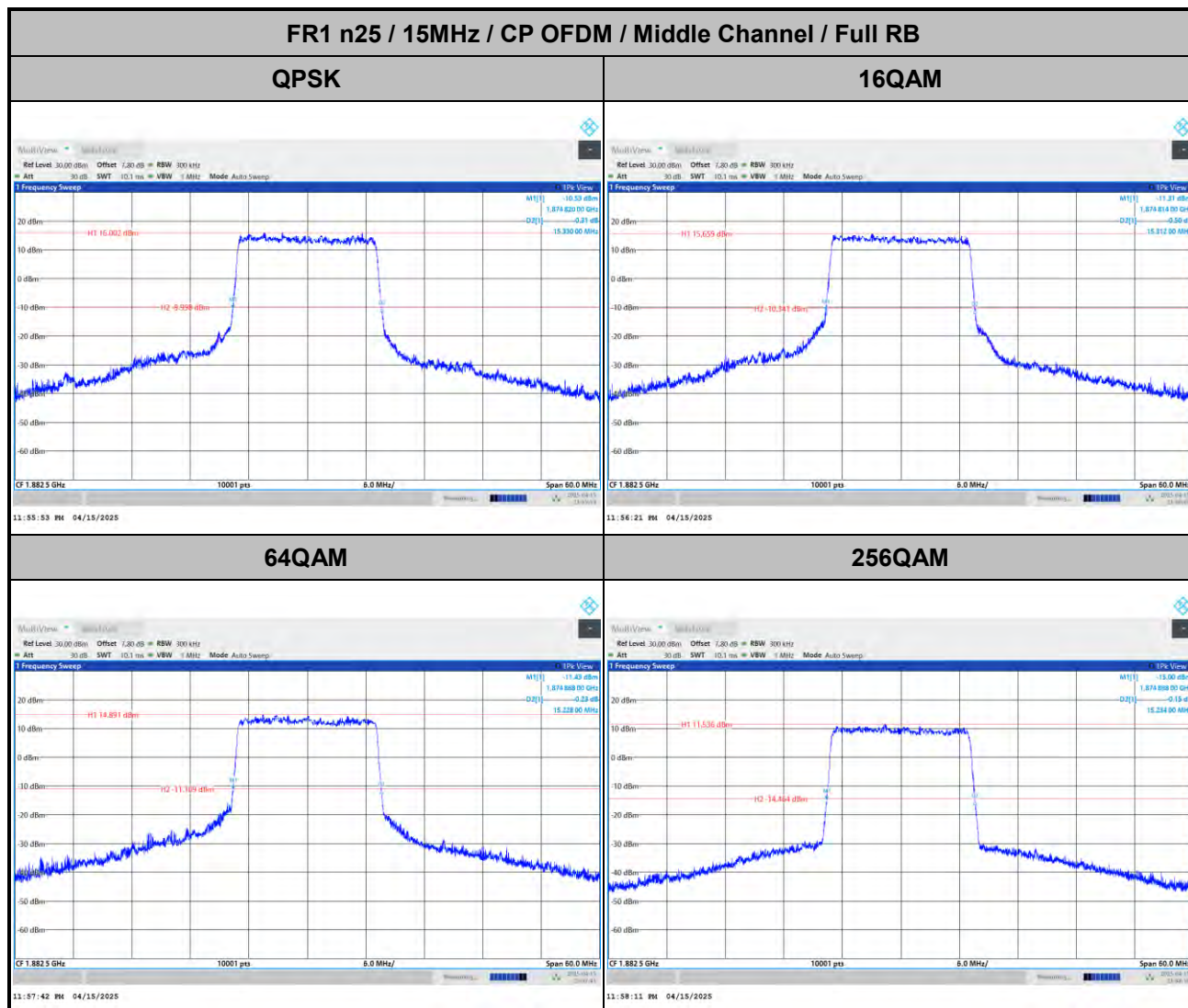


64QAM



256QAM

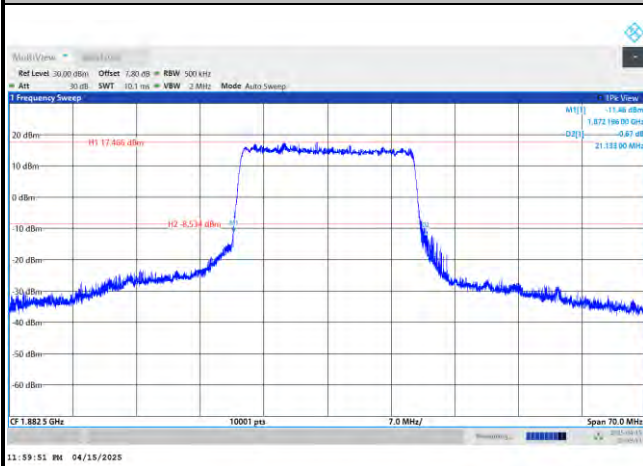




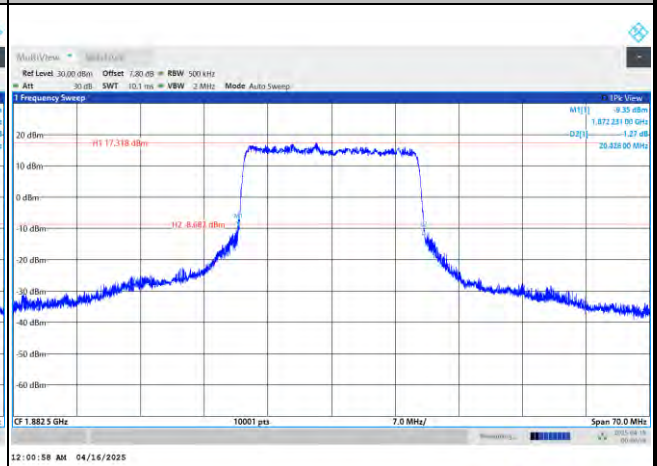


FR1 n25 / 20MHz / CP OFDM / Middle Channel / Full RB

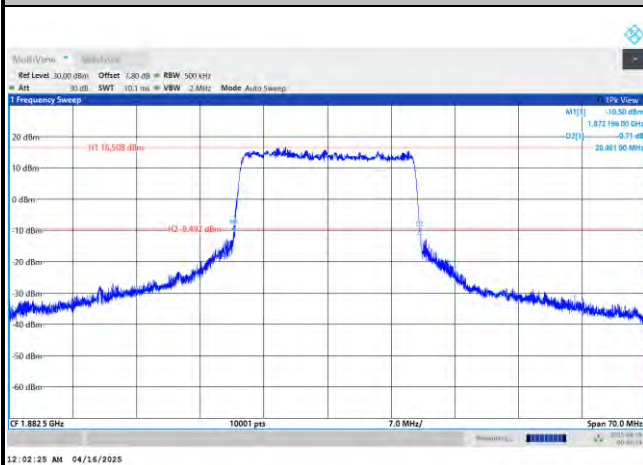
QPSK



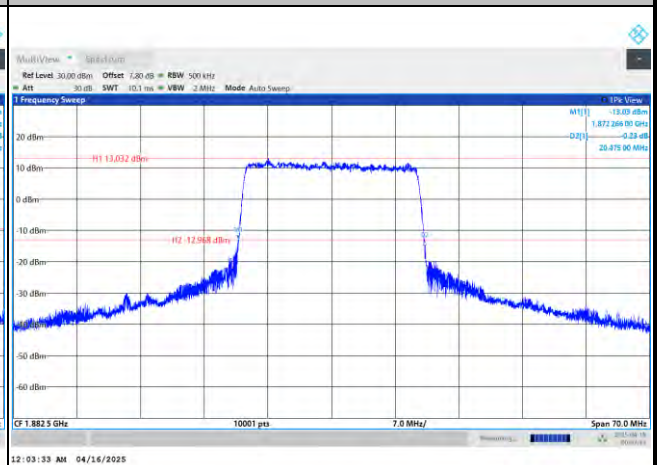
16QAM



64QAM



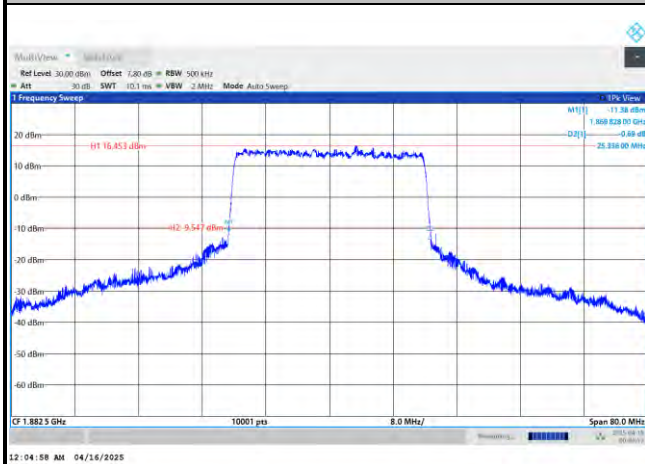
256QAM



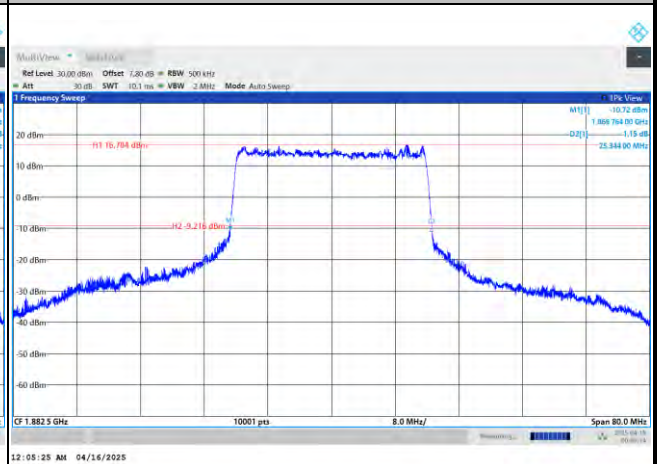


FR1 n25 / 25MHz / CP OFDM / Middle Channel / Full RB

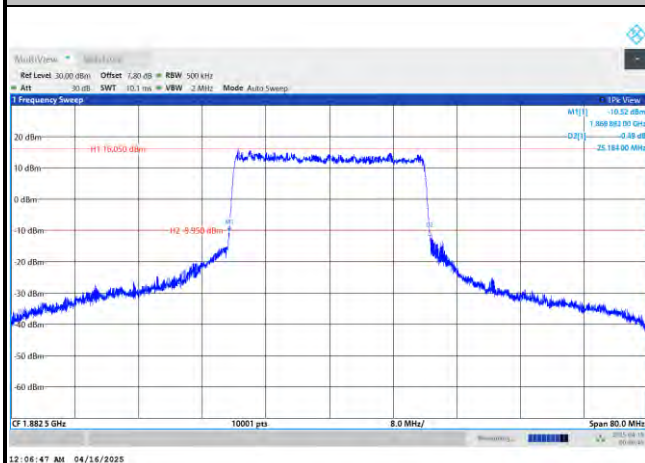
QPSK



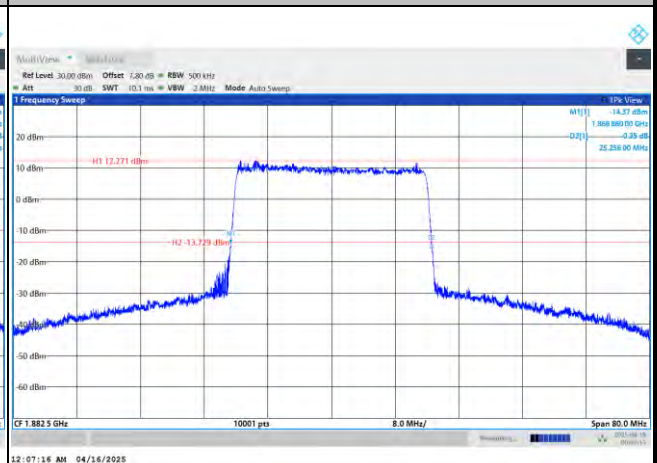
16QAM



64QAM



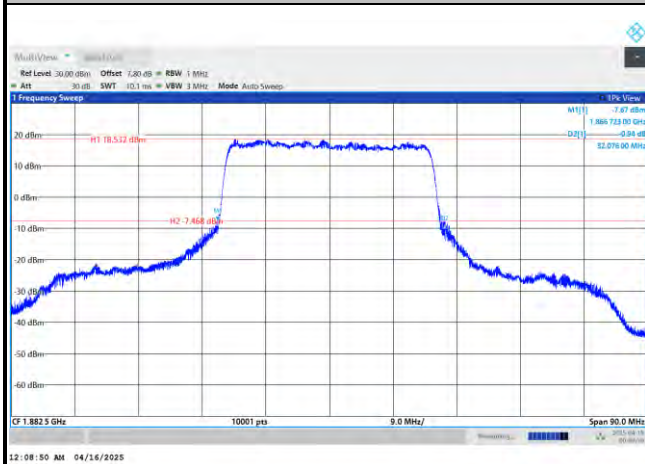
256QAM



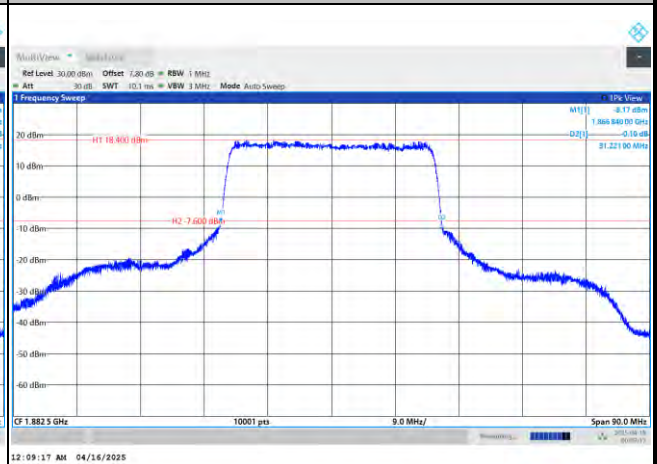


FR1 n25 / 30MHz / CP OFDM / Middle Channel / Full RB

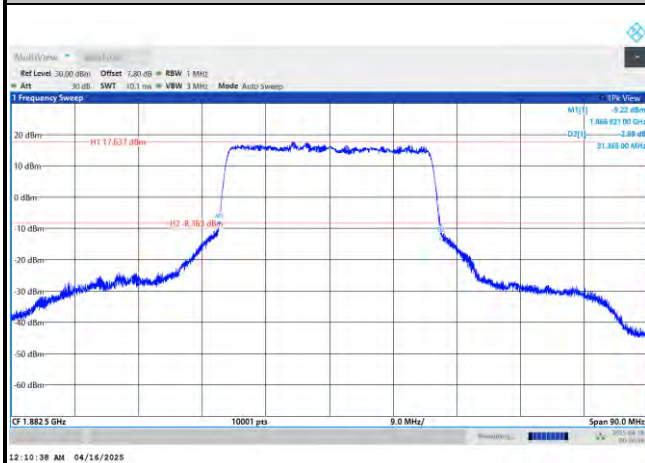
QPSK



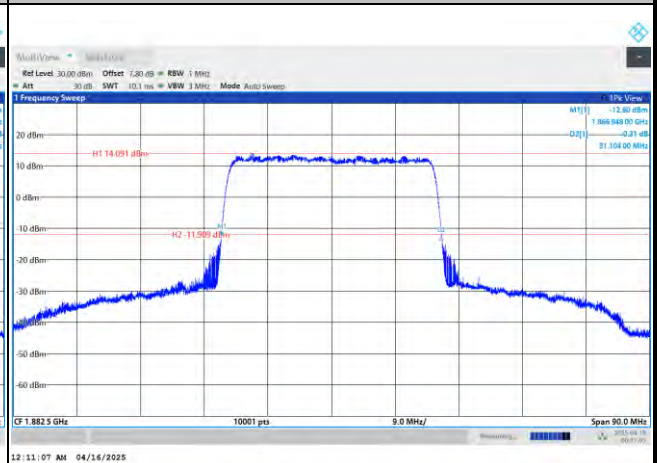
16QAM

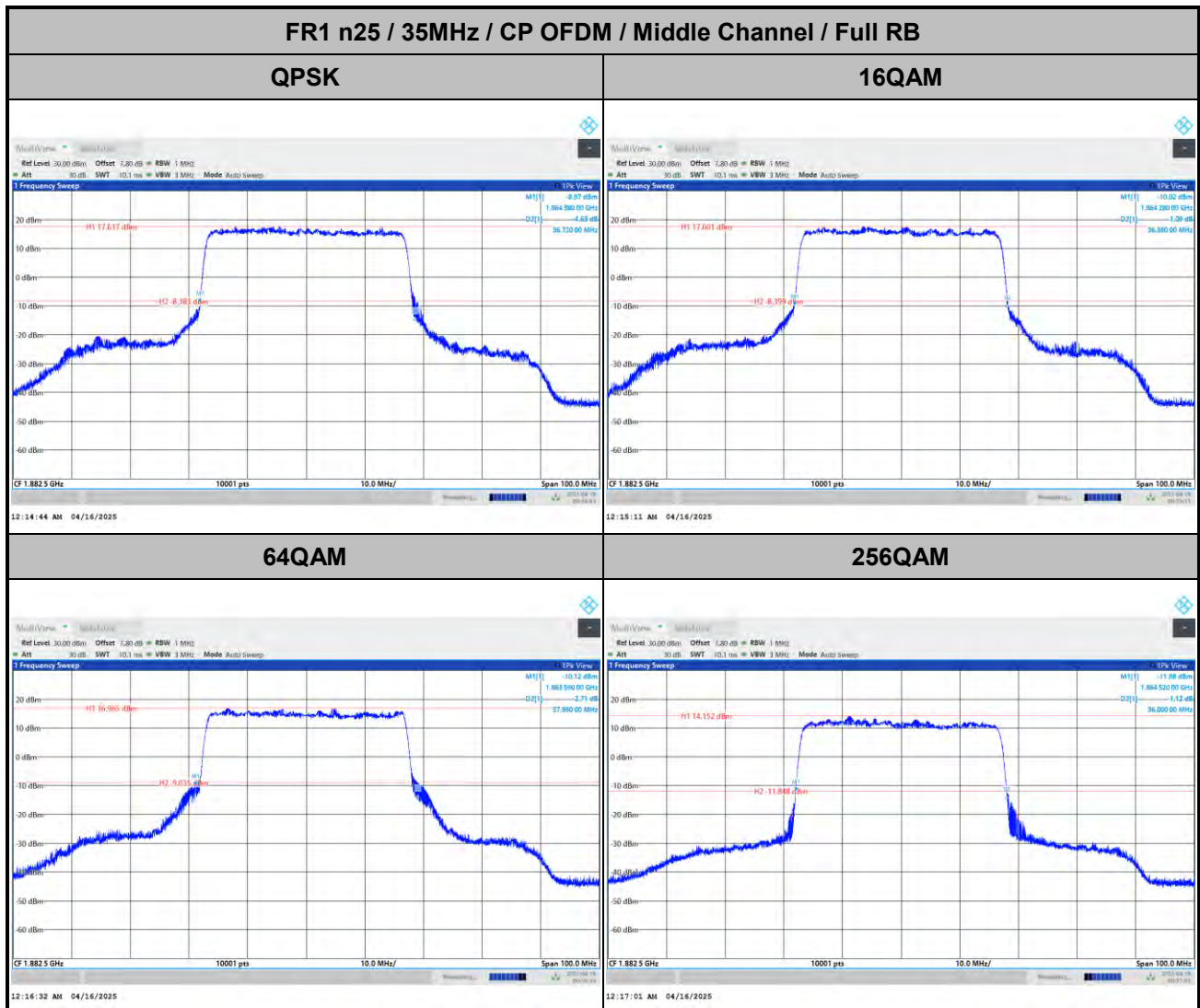


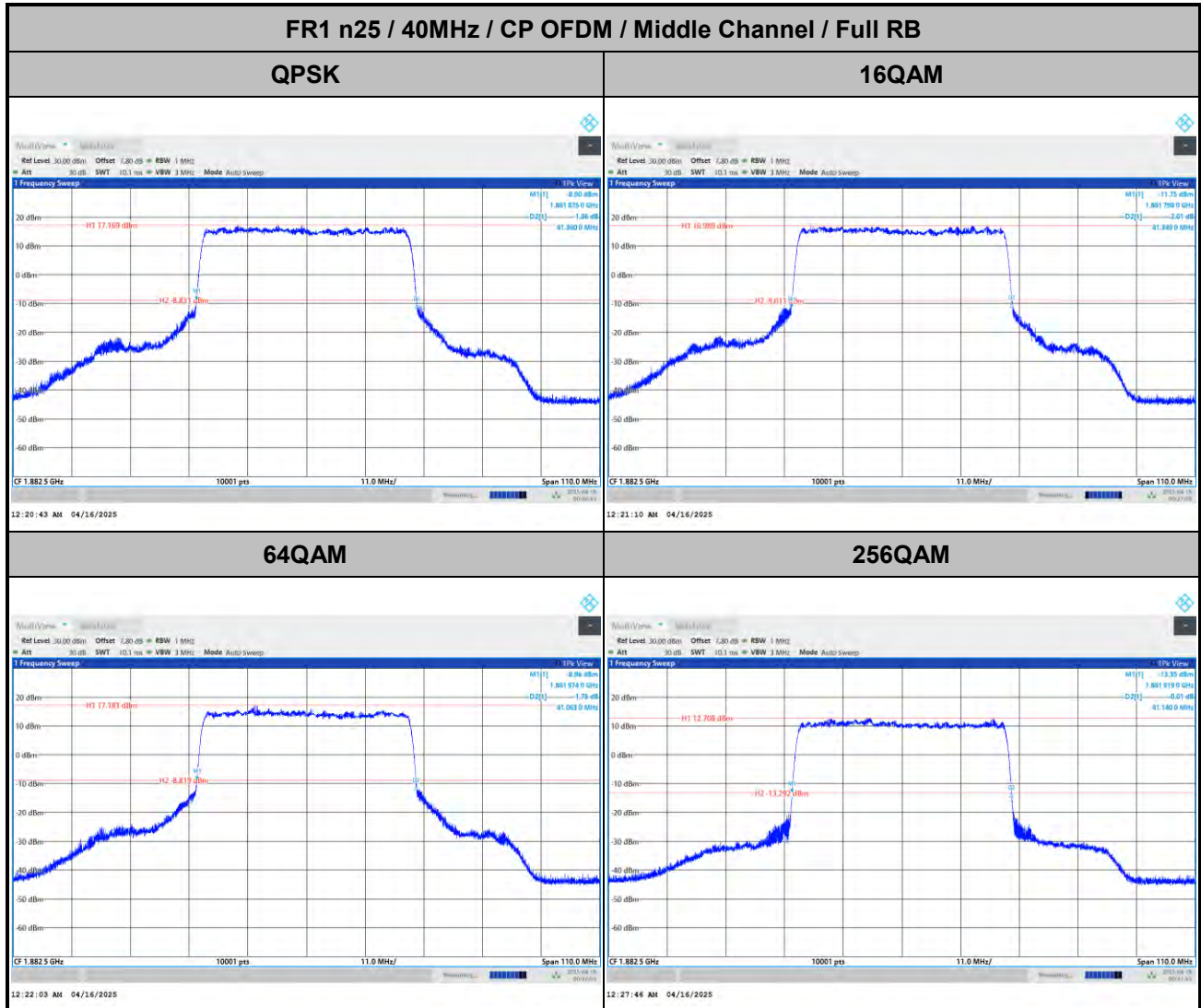
64QAM



256QAM







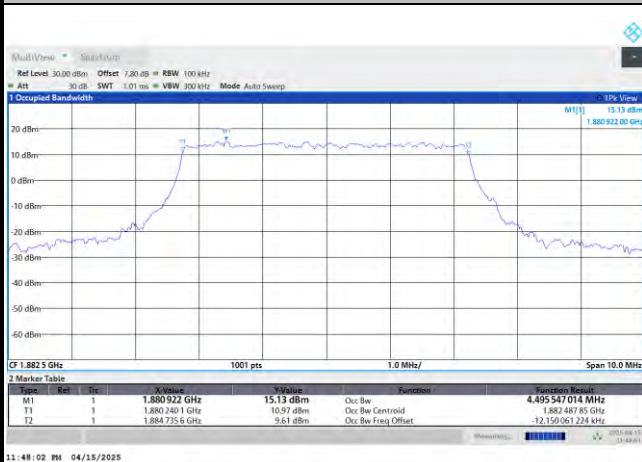
**Occupied Bandwidth**

Mode	FR1 n25 : OB BW(MHz) / CP OFDM							
BW	5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	4.49	4.52	9.32	9.32	14.16	14.15	19.02	19.08
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Middle CH	4.50	4.51	9.32	9.32	14.18	14.19	19.05	19.03
BW	25MHz		30MHz		35MHz		40MH	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	23.77	23.80	28.88	28.90	33.84	33.90	38.73	38.74
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Middle CH	23.86	23.79	28.94	28.95	33.85	33.71	38.72	38.83

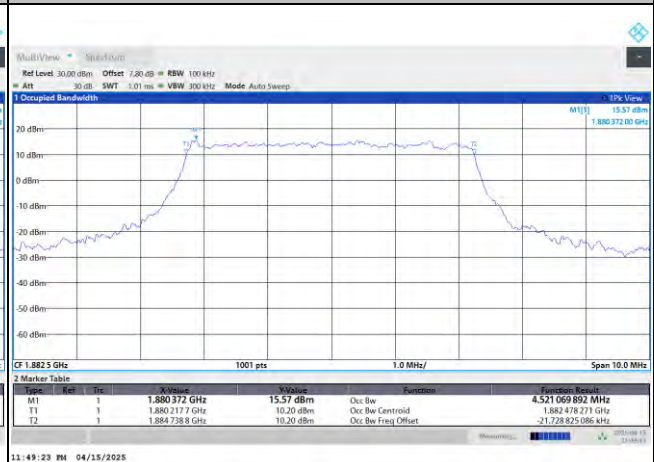


FR1 n25 / 5MHz / CP OFDM / Middle Channel / Full RB

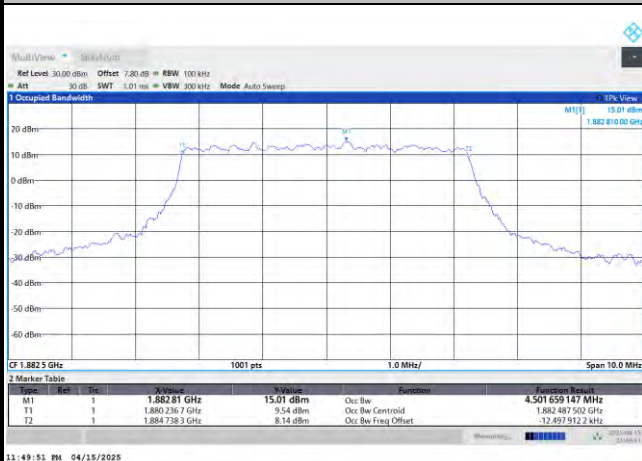
QPSK



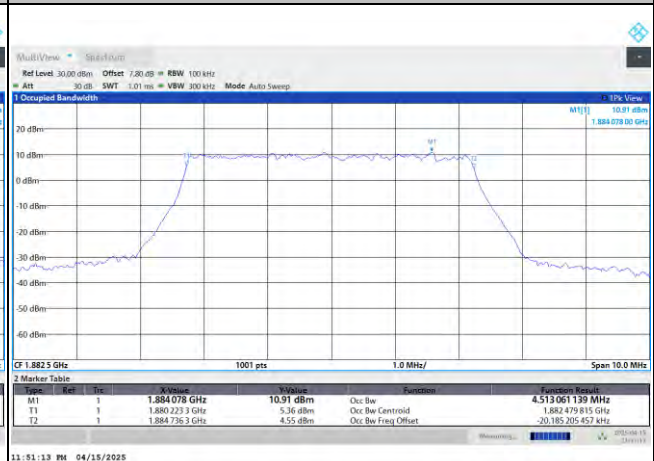
16QAM



64QAM



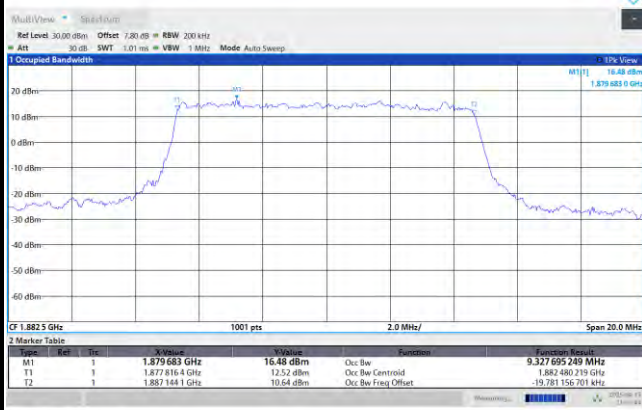
256QAM



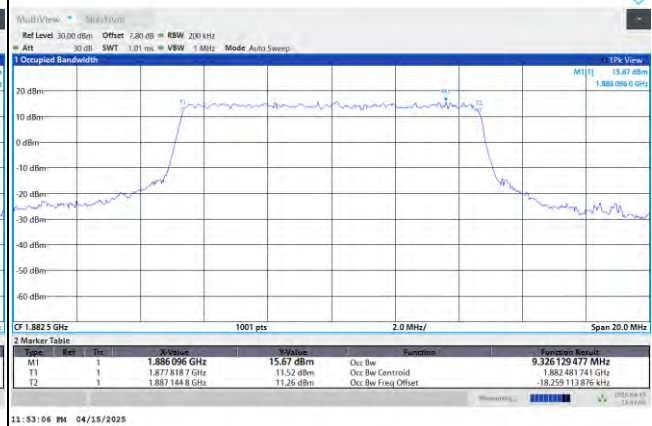


FR1 n25 / 10MHz / CP OFDM / Middle Channel / Full RB

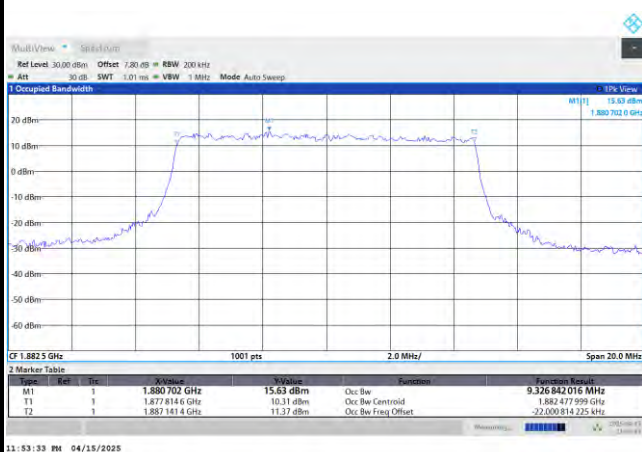
QPSK



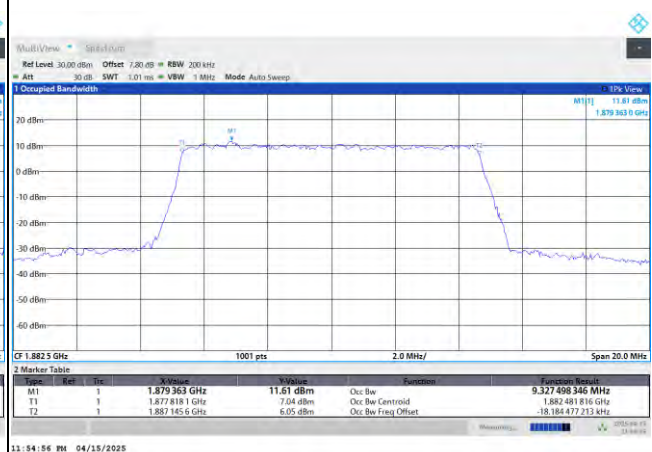
16QAM



64QAM



256QAM





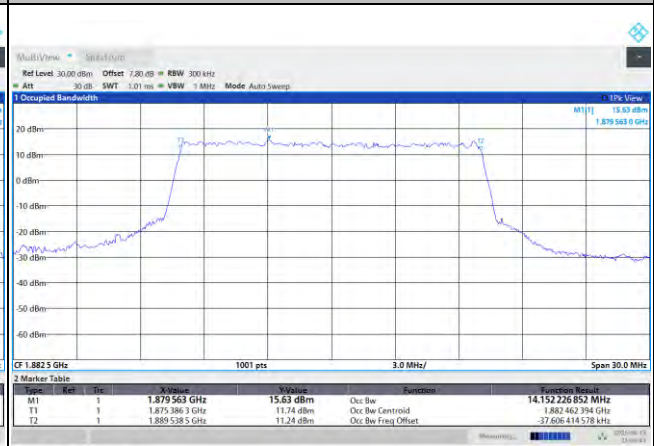
FR1 n25 / 15MHz / CP OFDM / Middle Channel / Full RB

QPSK



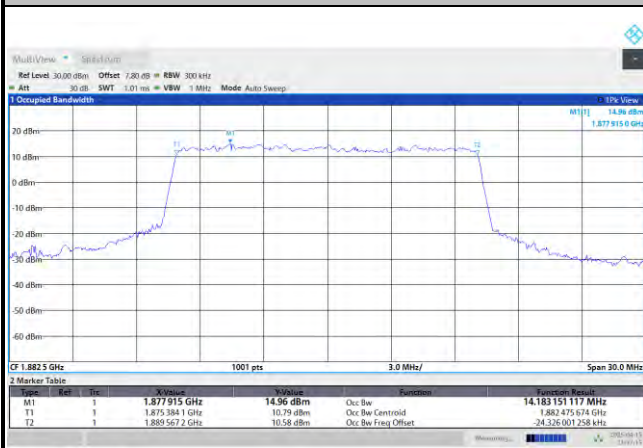
11:55:27 PM 04/15/2025

16QAM



11:56:48 PM 04/15/2025

64QAM



11:57:15 PM 04/15/2025

256QAM

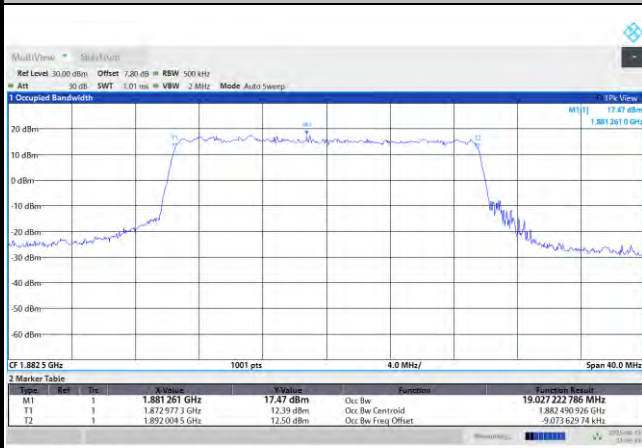


11:58:38 PM 04/15/2025

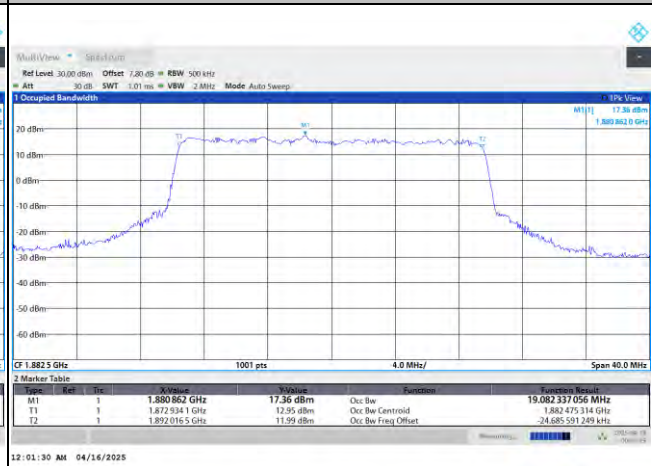


FR1 n25 / 20MHz / CP OFDM / Middle Channel / Full RB

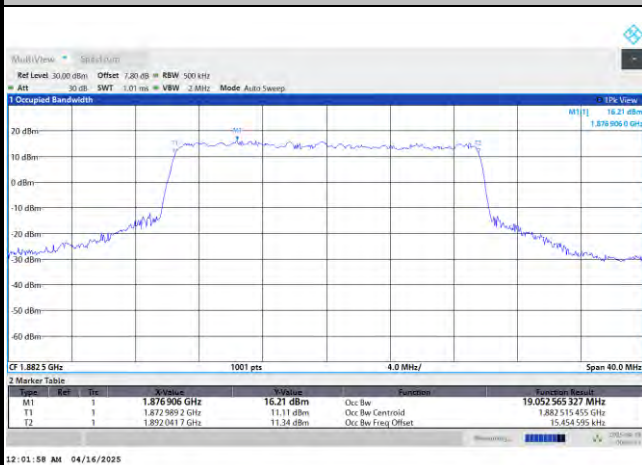
QPSK



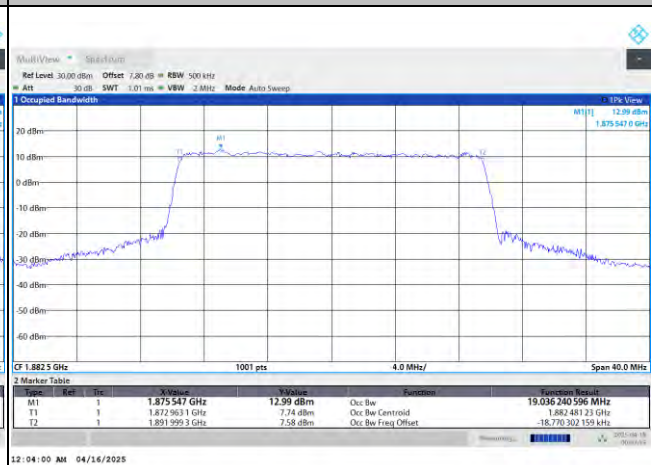
16QAM



64QAM



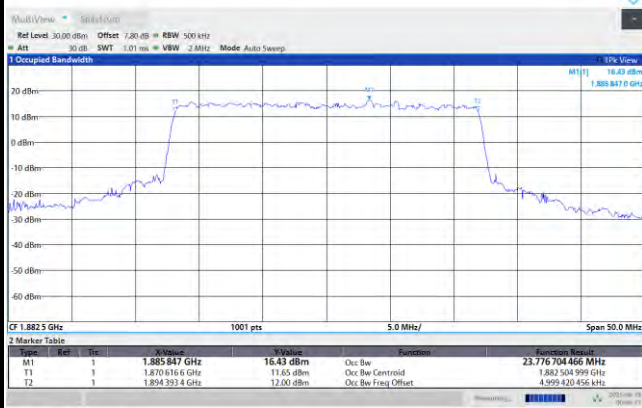
256QAM



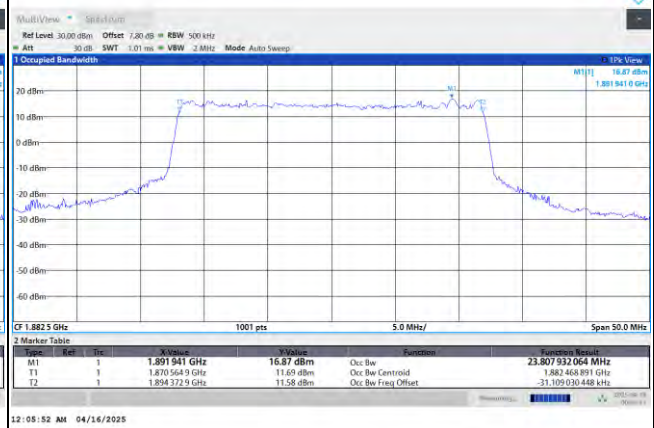


FR1 n25 / 25MHz / CP OFDM / Middle Channel / Full RB

QPSK



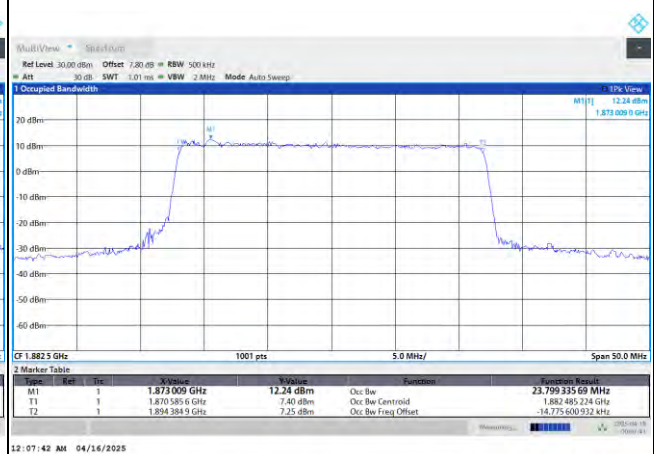
16QAM



64QAM



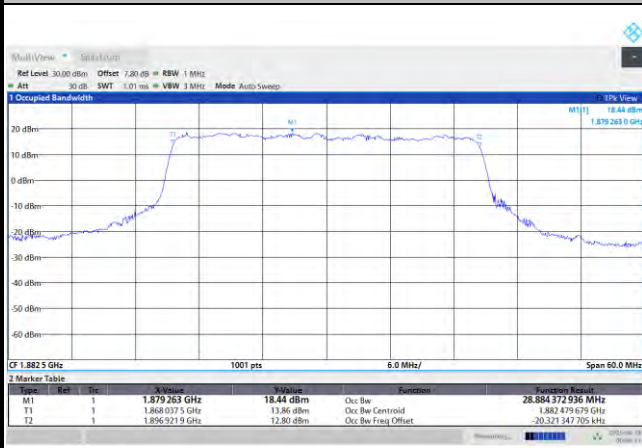
256QAM





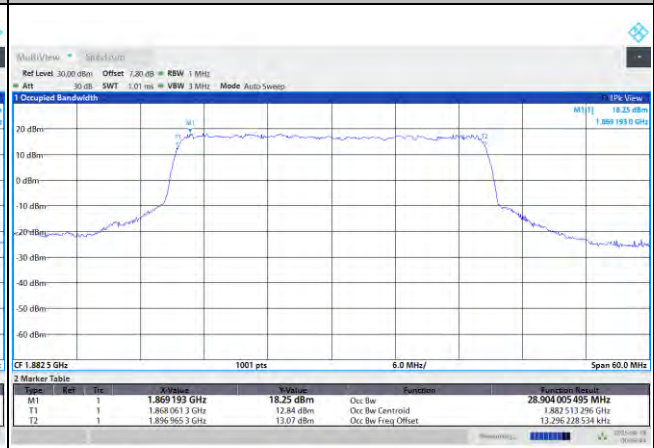
FR1 n25 / 30MHz / CP OFDM / Middle Channel / Full RB

QPSK



12:08:23 AM 04/16/2025

16QAM



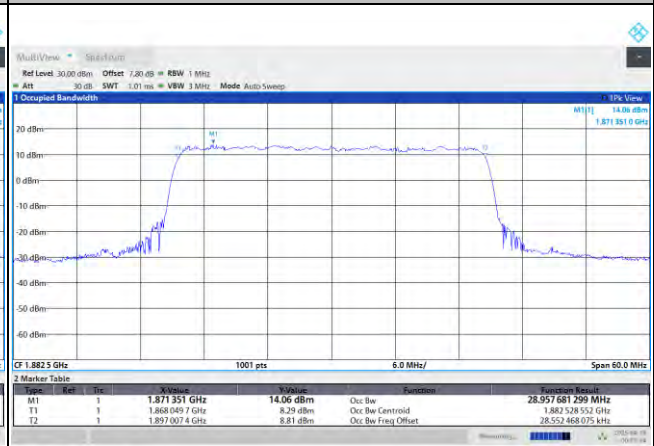
12:09:44 AM 04/16/2025

64QAM



12:10:11 AM 04/16/2025

256QAM

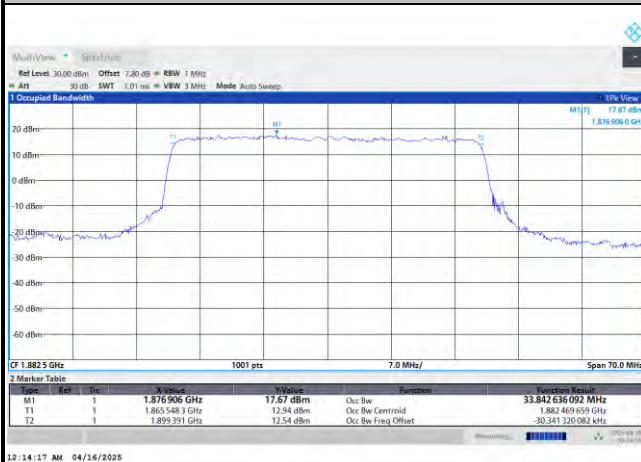


12:11:34 AM 04/16/2025

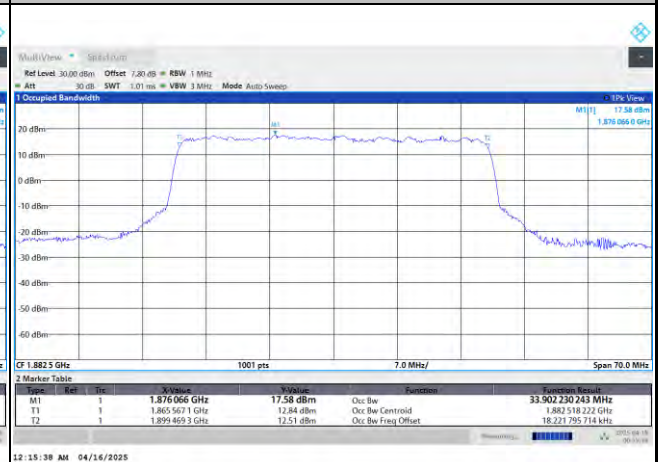


FR1 n25 / 35MHz / CP OFDM / Middle Channel / Full RB

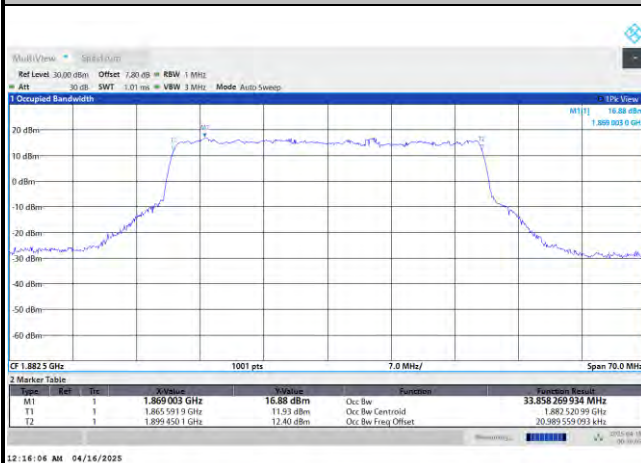
QPSK



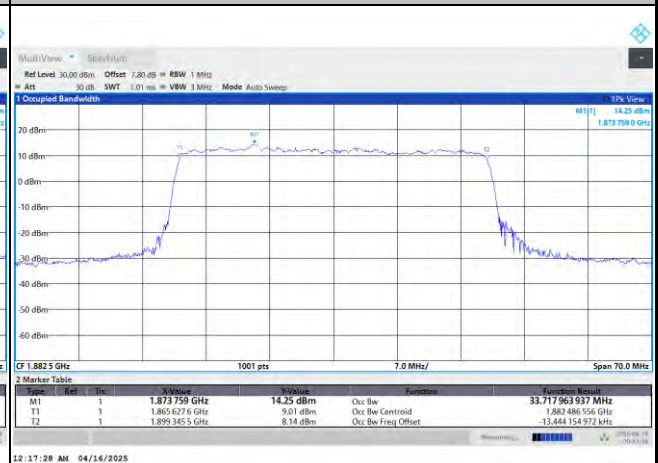
16QAM



64QAM



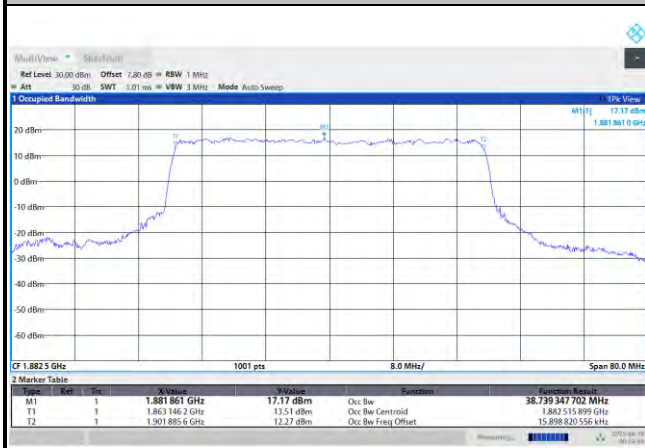
256QAM





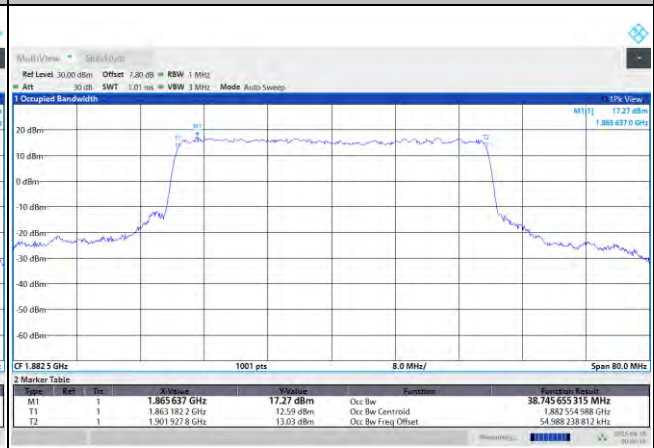
FR1 n25 / 40MHz / CP OFDM / Middle Channel / Full RB

QPSK



12:19:49 AM 04/16/2025

16QAM



12:20:17 AM 04/16/2025

64QAM

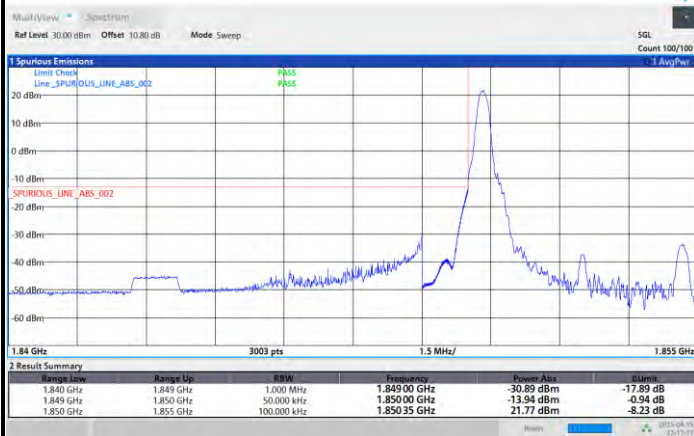


12:21:37 AM 04/16/2025

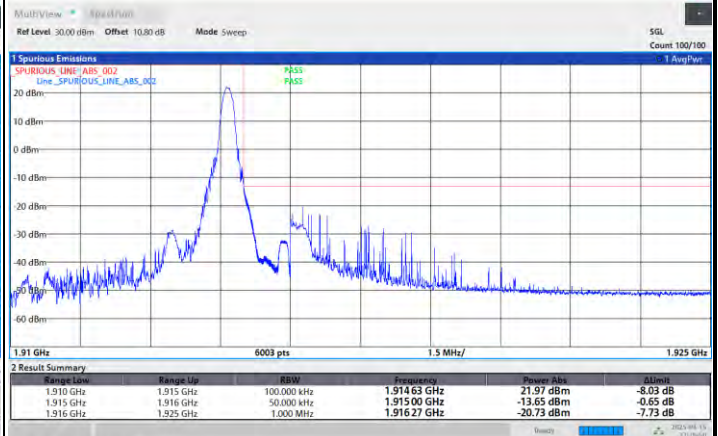
256QAM



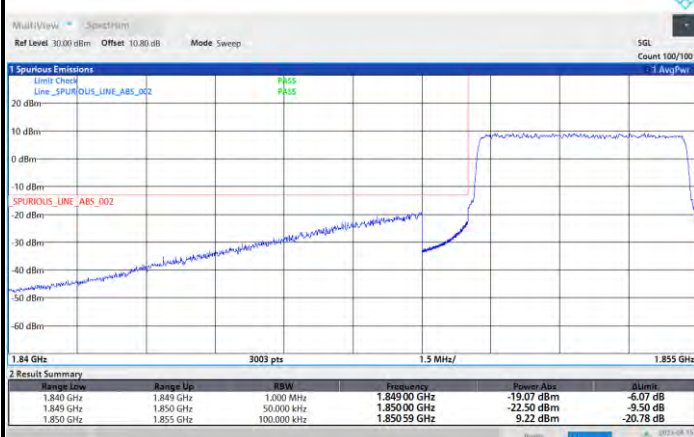
12:28:12 AM 04/16/2025

**Conducted Band Edge****FR1 n25 / 5MHz / CP OFDM / QPSK****Lowest Band Edge / 1RB0**

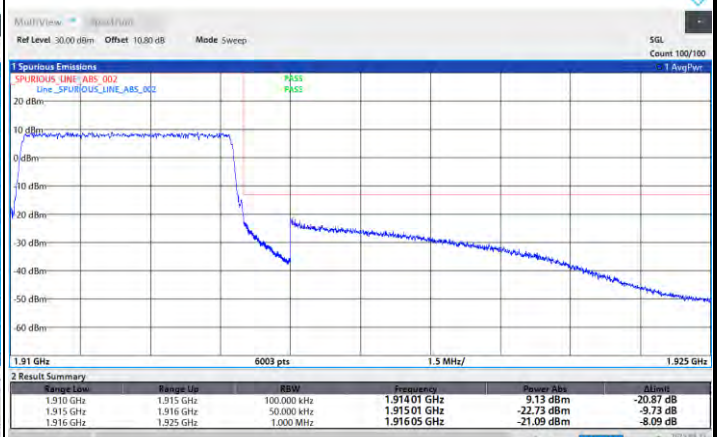
10:17:14 PM 04/15/2025

Highest Band Edge / 1RBmax

10:29:51 PM 04/15/2025

Lowest Band Edge / Full RB

10:16:25 PM 04/15/2025

Highest Band Edge / Full RB

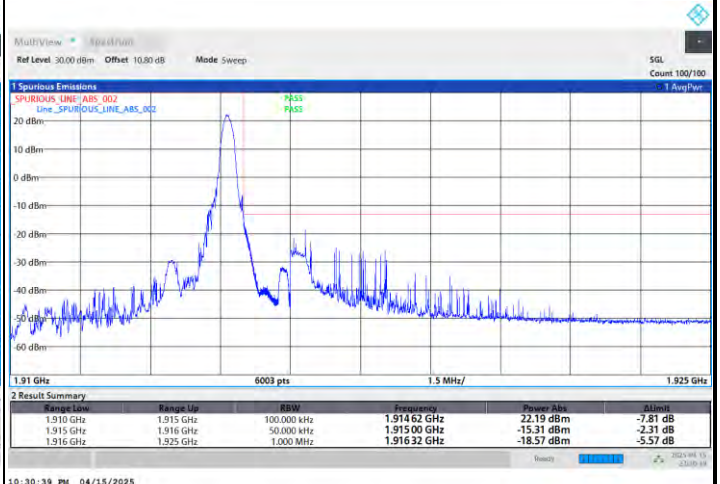
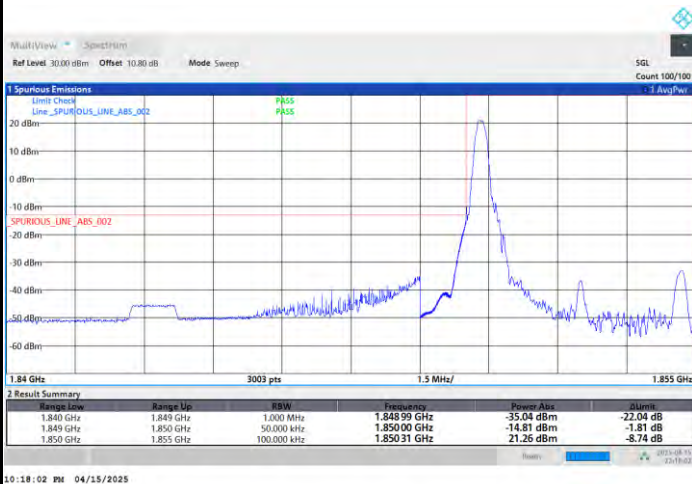
10:29:02 PM 04/15/2025



FR1 n25 / 5MHz / CP OFDM / 16QAM

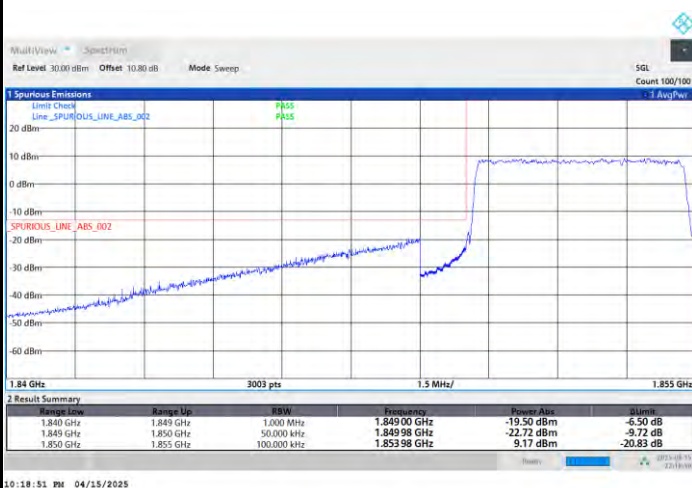
Lowest Band Edge / 1RB0

Highest Band Edge / 1RBmax



Lowest Band Edge / Full RB

Highest Band Edge / Full RB

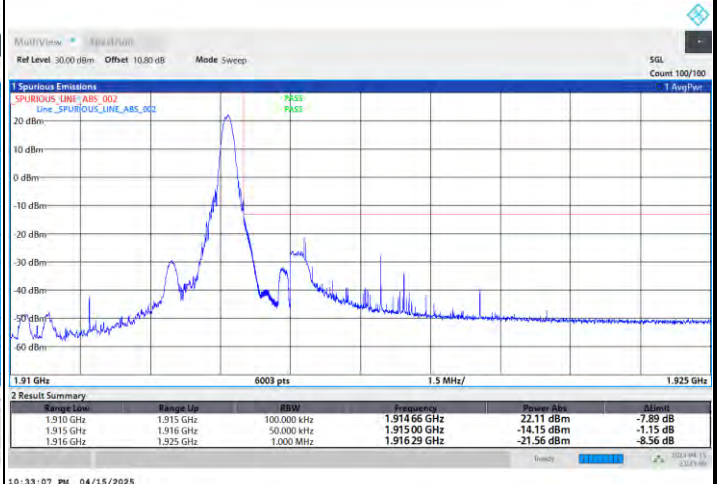
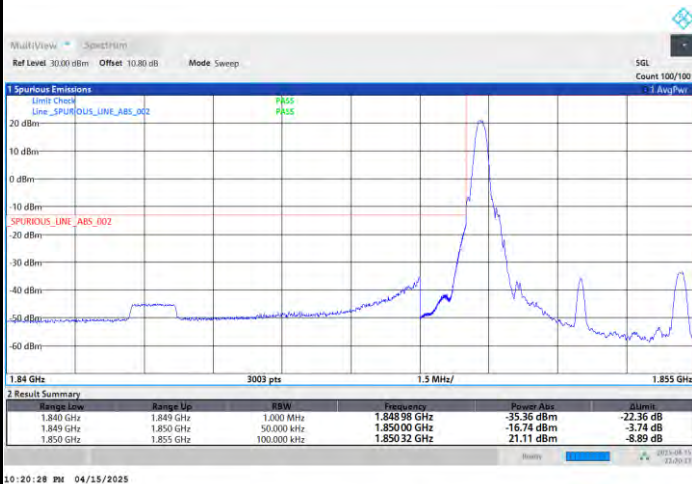




FR1 n25 / 5MHz / CP OFDM / 64QAM

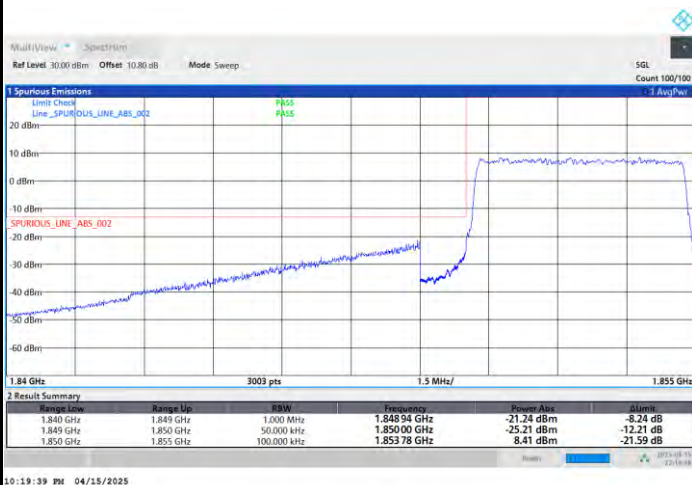
Lowest Band Edge / 1RB0

Highest Band Edge / 1RBmax



Lowest Band Edge / Full RB

Highest Band Edge / Full RB

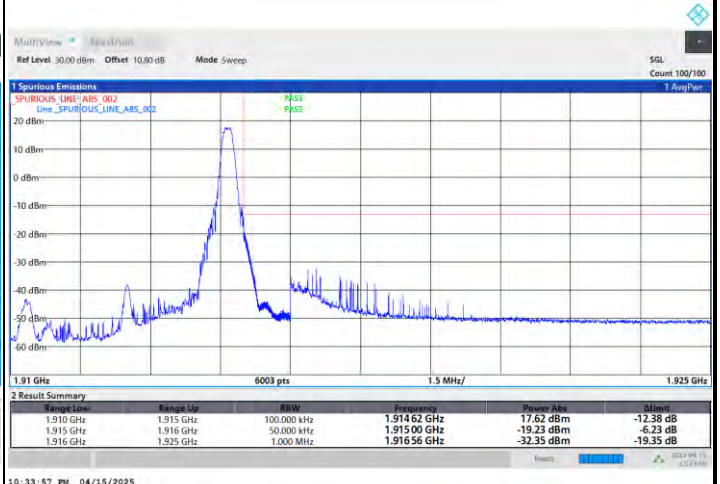
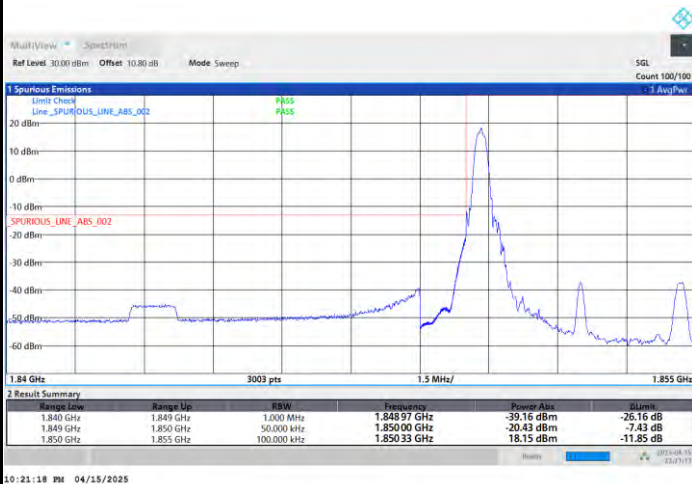




FR1 n25 / 5MHz / CP OFDM / 256QAM

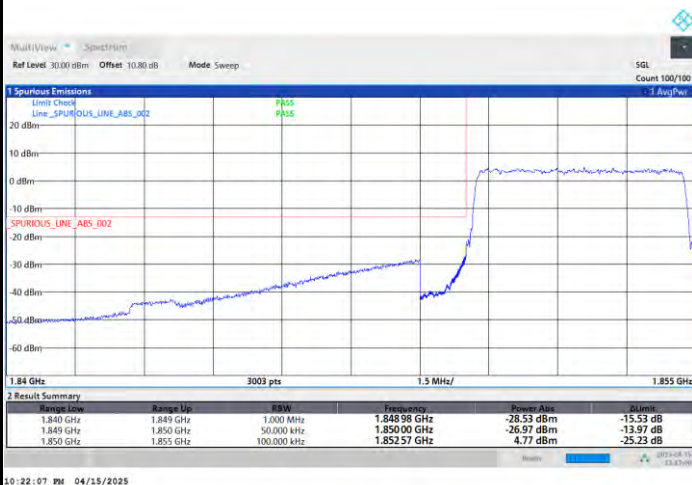
Lowest Band Edge / 1RB0

Highest Band Edge / 1RBmax



Lowest Band Edge / Full RB

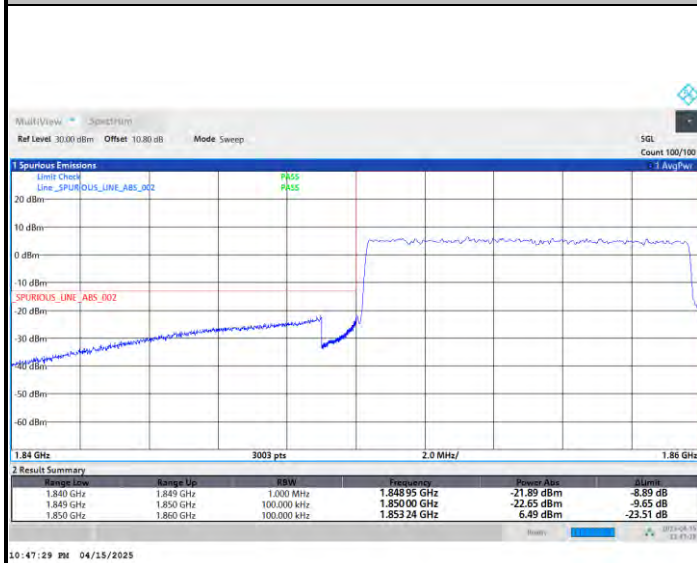
Highest Band Edge / Full RB





FR1 n25 / 10MHz / CP OFDM / QPSK

Lowest Band Edge / Full RB



10:47:29 PM 04/15/2025

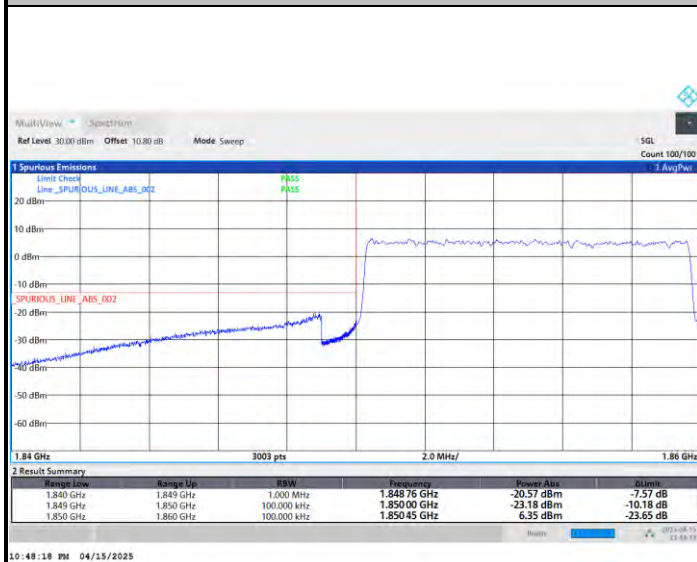
Highest Band Edge / Full RB



10:50:52 PM 04/15/2025

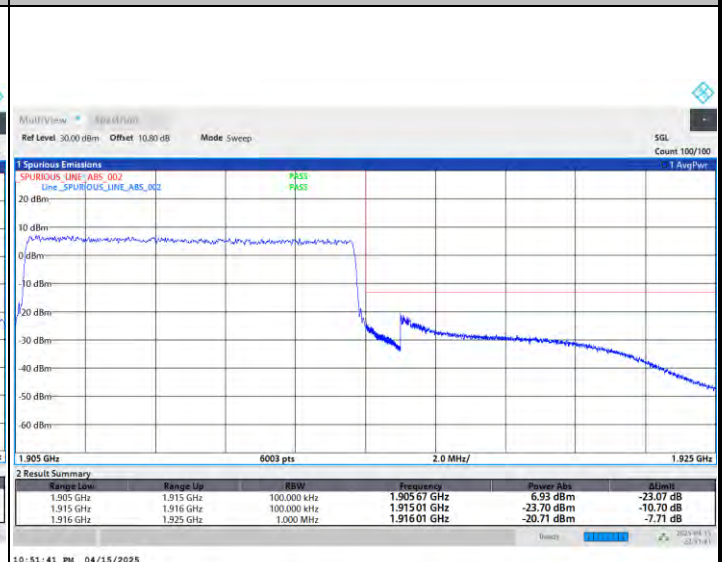
FR1 n25 / 10MHz / CP OFDM / 16QAM

Lowest Band Edge / Full RB



10:48:18 PM 04/15/2025

Highest Band Edge / Full RB



10:51:41 PM 04/15/2025

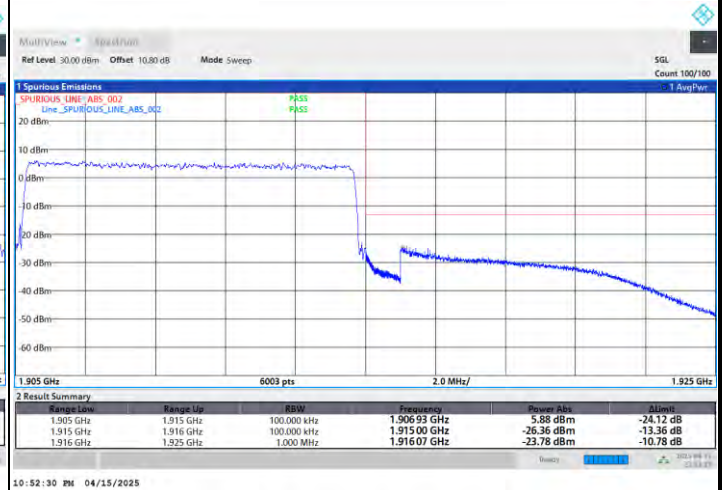


FR1 n25 / 10MHz / CP OFDM / 64QAM

Lowest Band Edge / Full RB

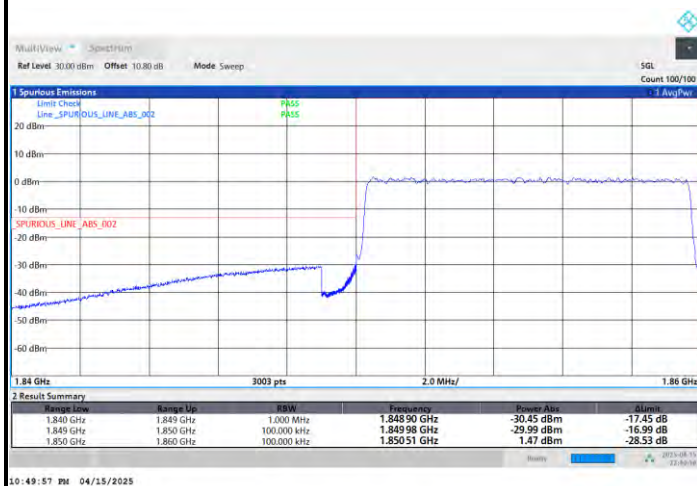


Highest Band Edge / Full RB



FR1 n25 / 10MHz / CP OFDM / 256QAM

Lowest Band Edge / Full RB



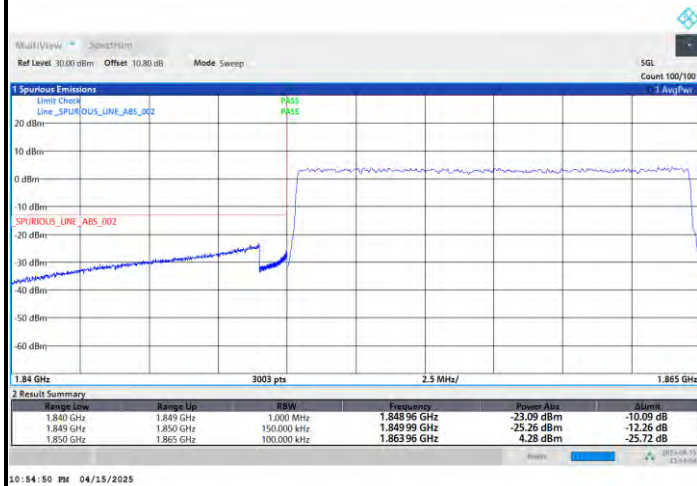
Highest Band Edge / Full RB





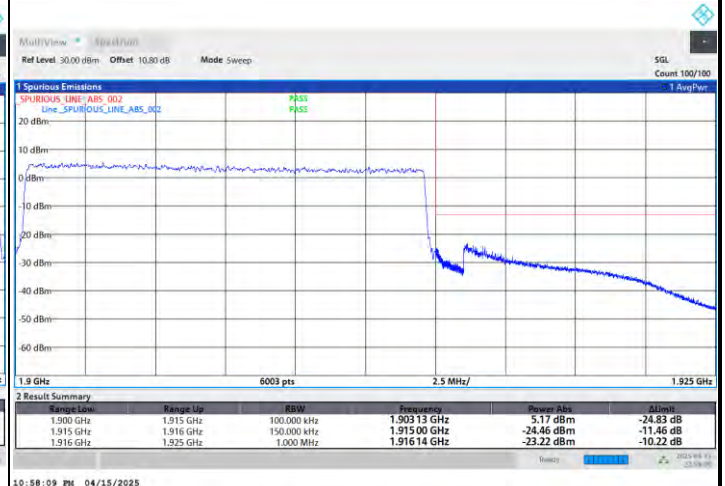
FR1 n25 / 15MHz / CP OFDM / QPSK

Lowest Band Edge / Full RB



10:54:50 PM 04/15/2025

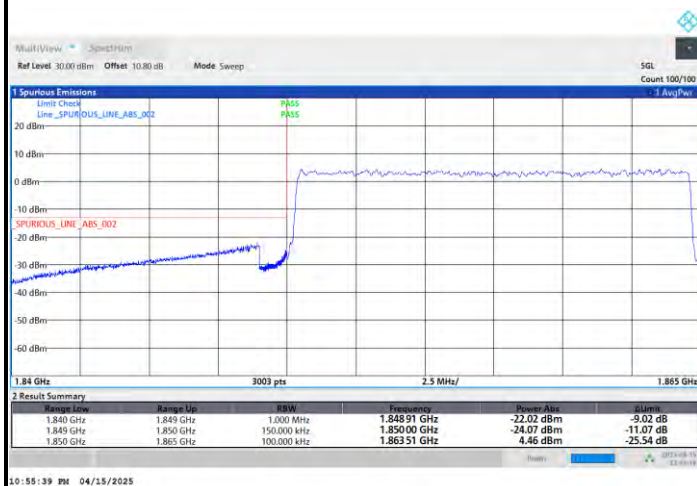
Highest Band Edge / Full RB



10:58:09 PM 04/15/2025

FR1 n25 / 15MHz / CP OFDM / 16QAM

Lowest Band Edge / Full RB



10:55:39 PM 04/15/2025

Highest Band Edge / Full RB

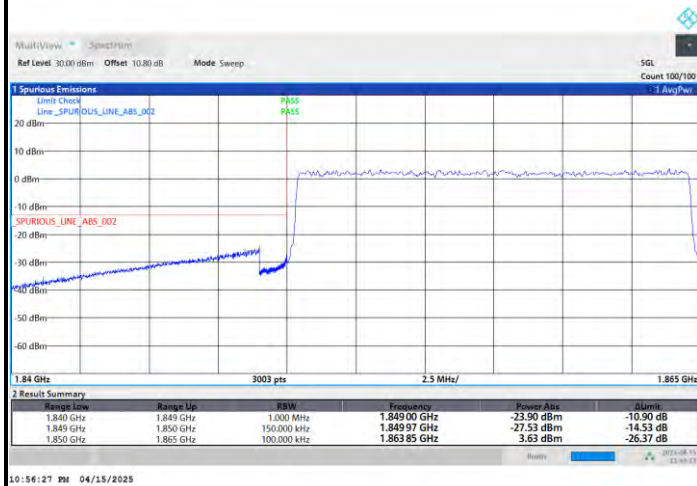


10:58:58 PM 04/15/2025



FR1 n25 / 15MHz / CP OFDM / 64QAM

Lowest Band Edge / Full RB

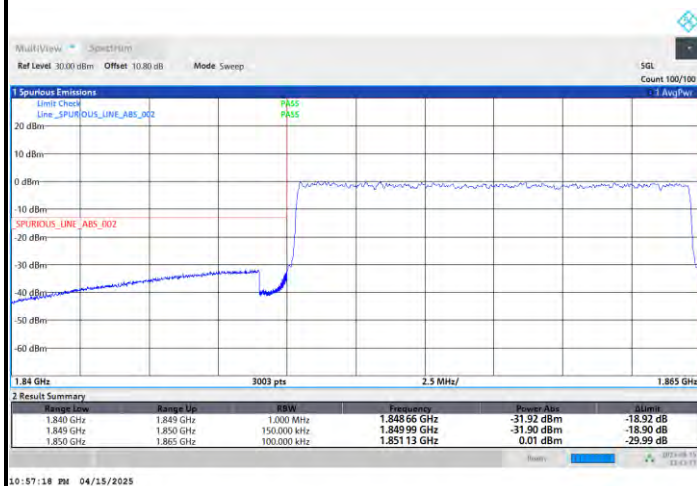


Highest Band Edge / Full RB



FR1 n25 / 15MHz / CP OFDM / 256QAM

Lowest Band Edge / Full RB



Highest Band Edge / Full RB





FR1 n25 / 20MHz / CP OFDM / QPSK

Lowest Band Edge / Full RB

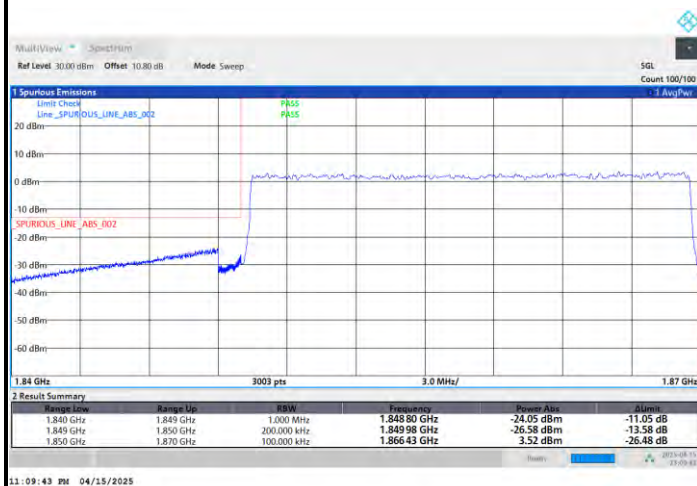


Highest Band Edge / Full RB



FR1 n25 / 20MHz / CP OFDM / 16QAM

Lowest Band Edge / Full RB



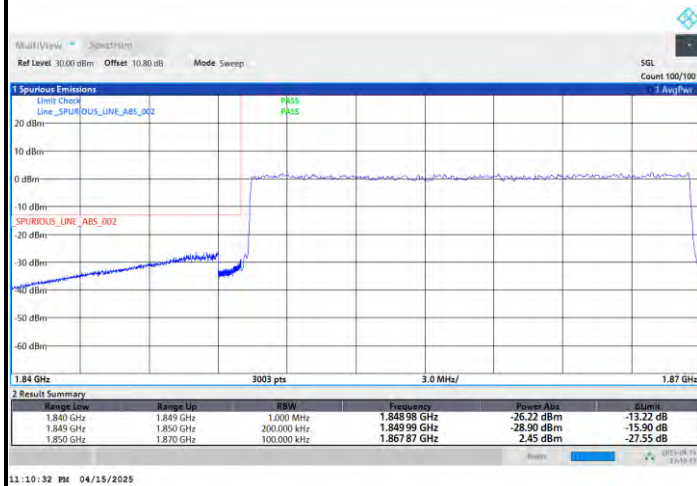
Highest Band Edge / Full RB





FR1 n25 / 20MHz / CP OFDM / 64QAM

Lowest Band Edge / Full RB



11:10:32 PM 04/15/2025

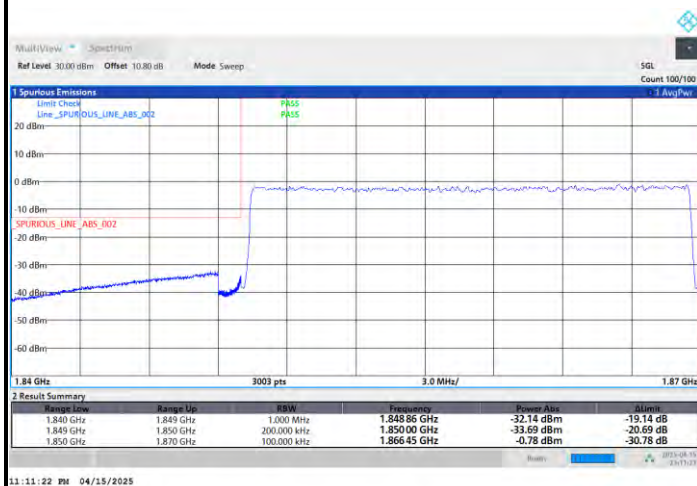
Highest Band Edge / Full RB



11:11:55 PM 04/15/2025

FR1 n25 / 20MHz / CP OFDM / 256QAM

Lowest Band Edge / Full RB



11:11:22 PM 04/15/2025

Highest Band Edge / Full RB



11:14:45 PM 04/15/2025

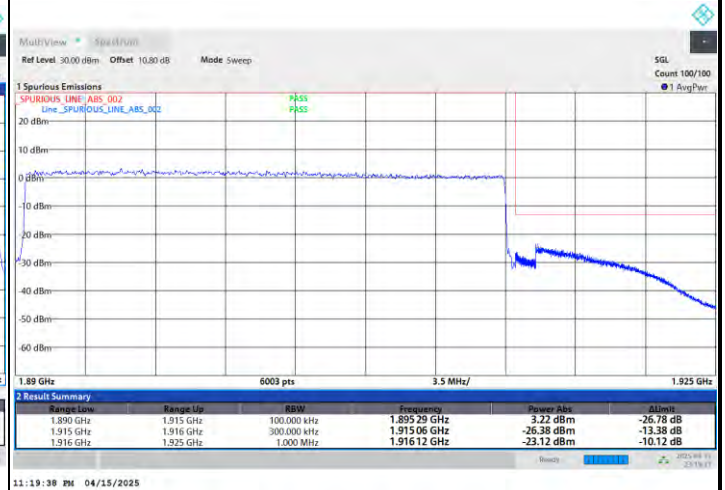


FR1 n25 / 25MHz / CP OFDM / QPSK

Lowest Band Edge / Full RB

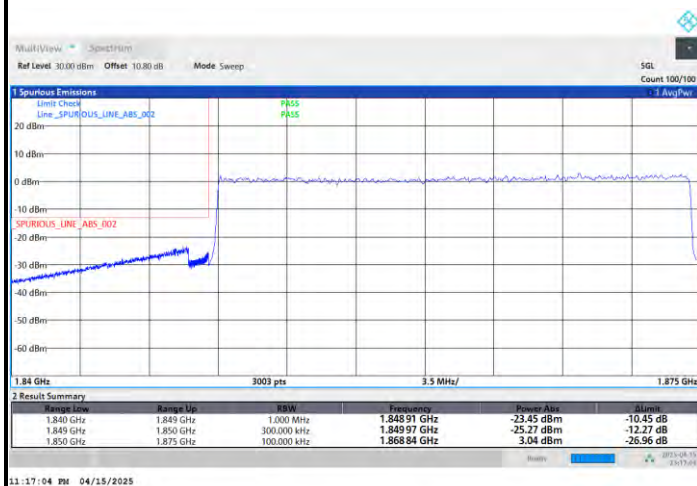


Highest Band Edge / Full RB

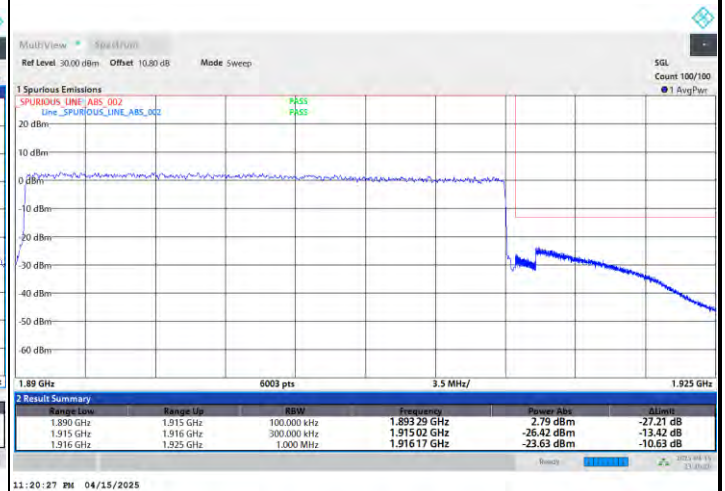


FR1 n25 / 25MHz / CP OFDM / 16QAM

Lowest Band Edge / Full RB



Highest Band Edge / Full RB





FR1 n25 / 25MHz / CP OFDM / 64QAM

Lowest Band Edge / Full RB



Highest Band Edge / Full RB



FR1 n25 / 25MHz / CP OFDM / 256QAM

Lowest Band Edge / Full RB



Highest Band Edge / Full RB

