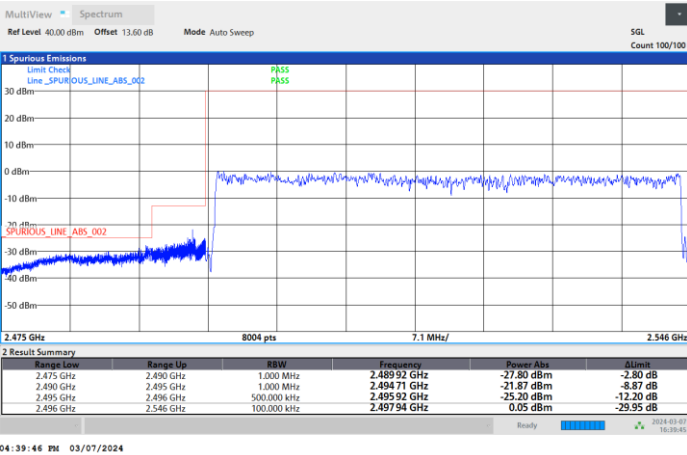


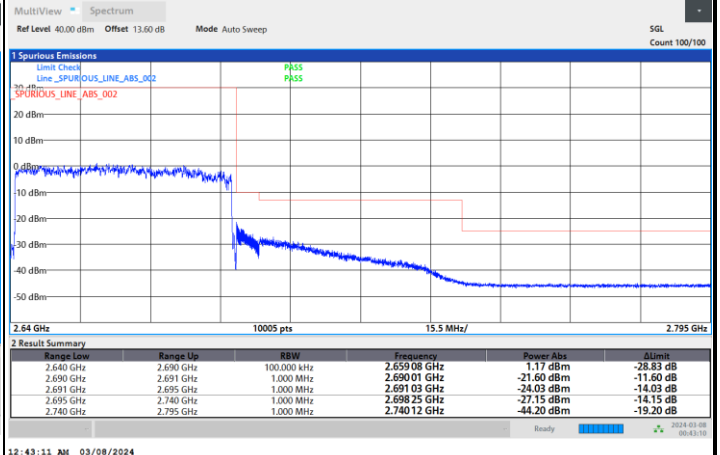


FR1 n41 / 50MHz / CP OFDM / 64QAM

Lowest Band Edge / Full RB

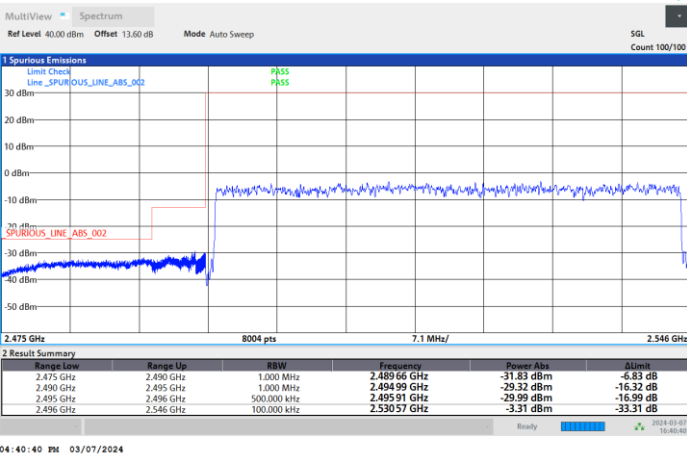


Highest Band Edge / Full RB

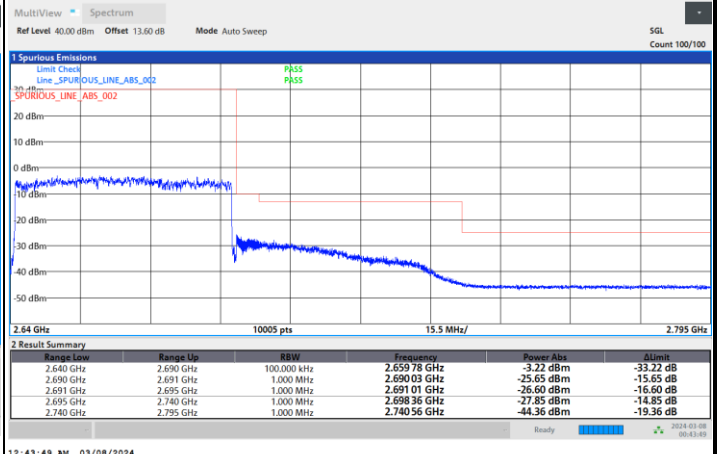


FR1 n41 / 50MHz / CP OFDM / 256QAM

Lowest Band Edge / Full RB



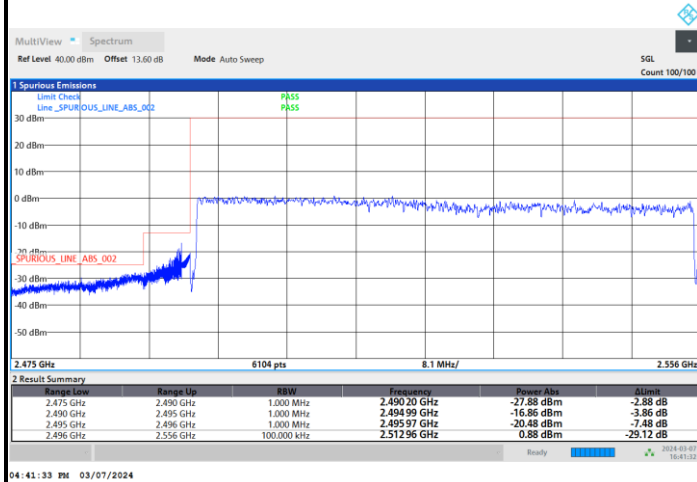
Highest Band Edge / Full RB



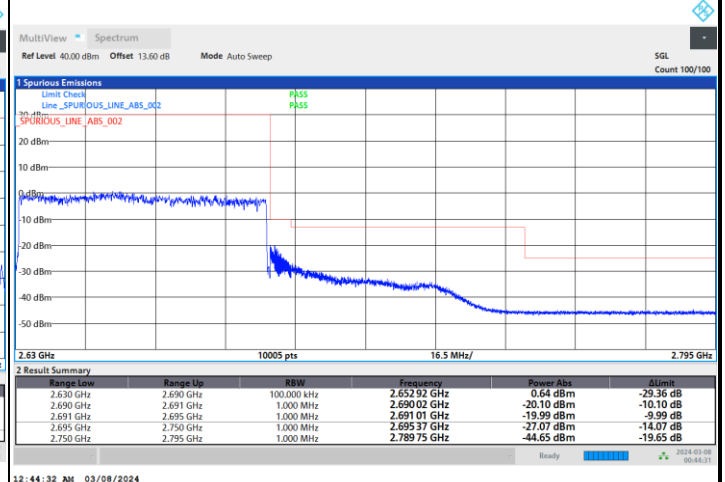


FR1 n41 / 60MHz / CP OFDM / QPSK

Lowest Band Edge / Full RB

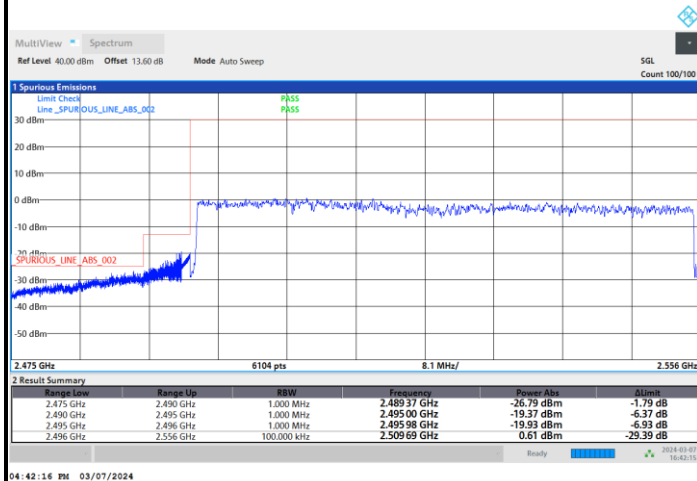


Highest Band Edge / Full RB

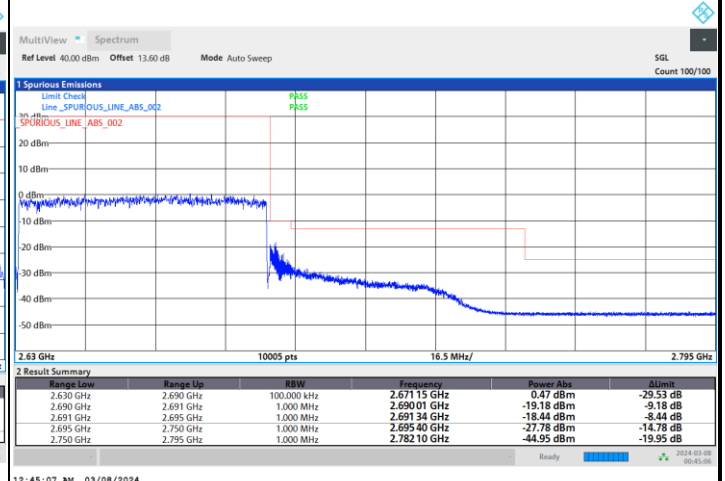


FR1 n41 / 60MHz / CP OFDM / 16QAM

Lowest Band Edge / Full RB



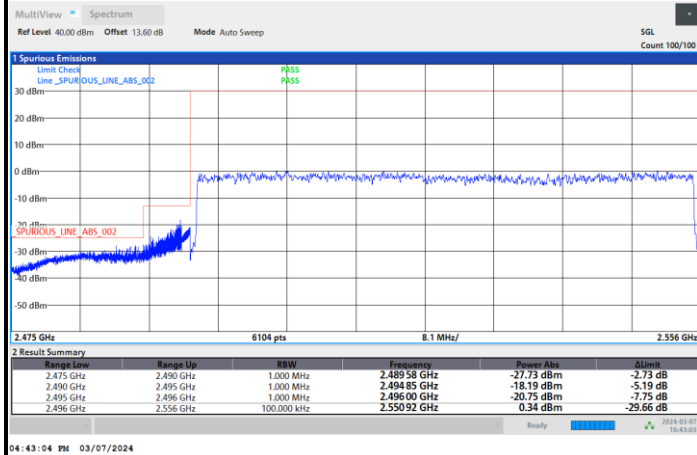
Highest Band Edge / Full RB



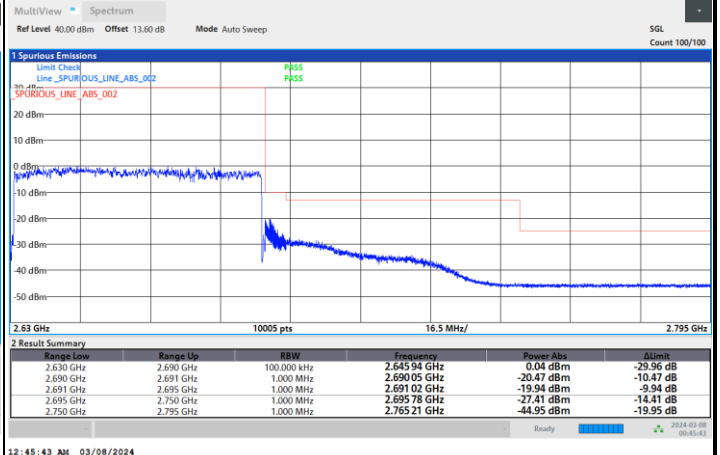


FR1 n41 / 60MHz / CP OFDM / 64QAM

Lowest Band Edge / Full RB

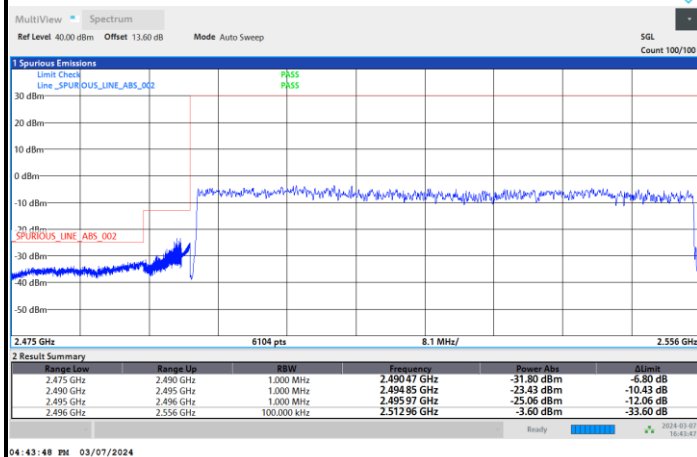


Highest Band Edge / Full RB

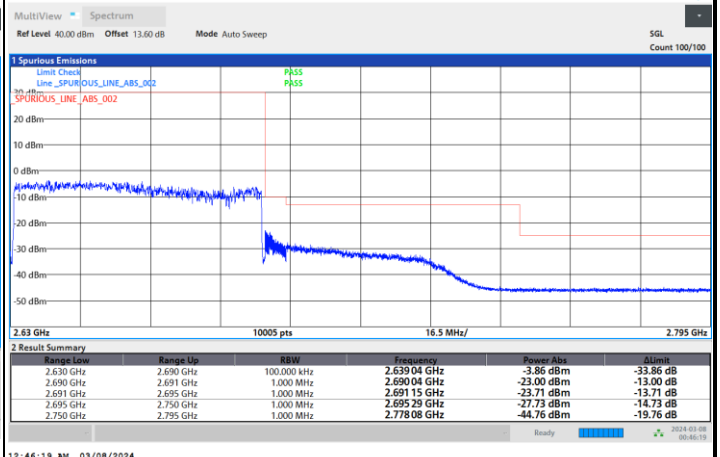


FR1 n41 / 60MHz / CP OFDM / 256QAM

Lowest Band Edge / Full RB



Highest Band Edge / Full RB





FR1 n41 / 70MHz / CP OFDM / QPSK

Lowest Band Edge / Full RB

MultiView Spectrum

Ref Level 40.00 dBm Offset 13.60 dB Mode Auto Sweep SGL Count 100/100

1 Spurious Emissions

Limit Check

Line SPURIOUS_LINE_ABS_002

30 dBm

20 dBm

10 dBm

0 dBm

-10 dBm

-20 dBm

-30 dBm

-40 dBm

-50 dBm

2.475 GHz

6104 pts

9.1 MHz/

2.566 GHz

2 Result Summary

Range Low	Range Up	RBW	Frequency	Power Abs.	Limit
2.475 GHz	2.490 GHz	1.000 MHz	2.490 24 GHz	-27.56 dBm	-2.56 dB
2.490 GHz	2.495 GHz	1.000 MHz	2.494 99 GHz	-17.87 dBm	-4.87 dB
2.495 GHz	2.496 GHz	1.000 MHz	2.495 99 GHz	-21.07 dBm	-8.07 dB
2.496 GHz	2.566 GHz	100.000 kHz	2.520 44 GHz	-0.09 dBm	-30.09 dB

Ready 2024-03-07 16:45:30

Highest Band Edge / Full RB

MultiView Spectrum

Ref Level 40.00 dBm Offset 13.60 dB Mode Auto Sweep SGL Count 100/100

1 Spurious Emissions

Limit Check

Line SPURIOUS_LINE_ABS_002

30 dBm

20 dBm

10 dBm

0 dBm

-10 dBm

-20 dBm

-30 dBm

-40 dBm

-50 dBm

2.62 GHz

10005 pts

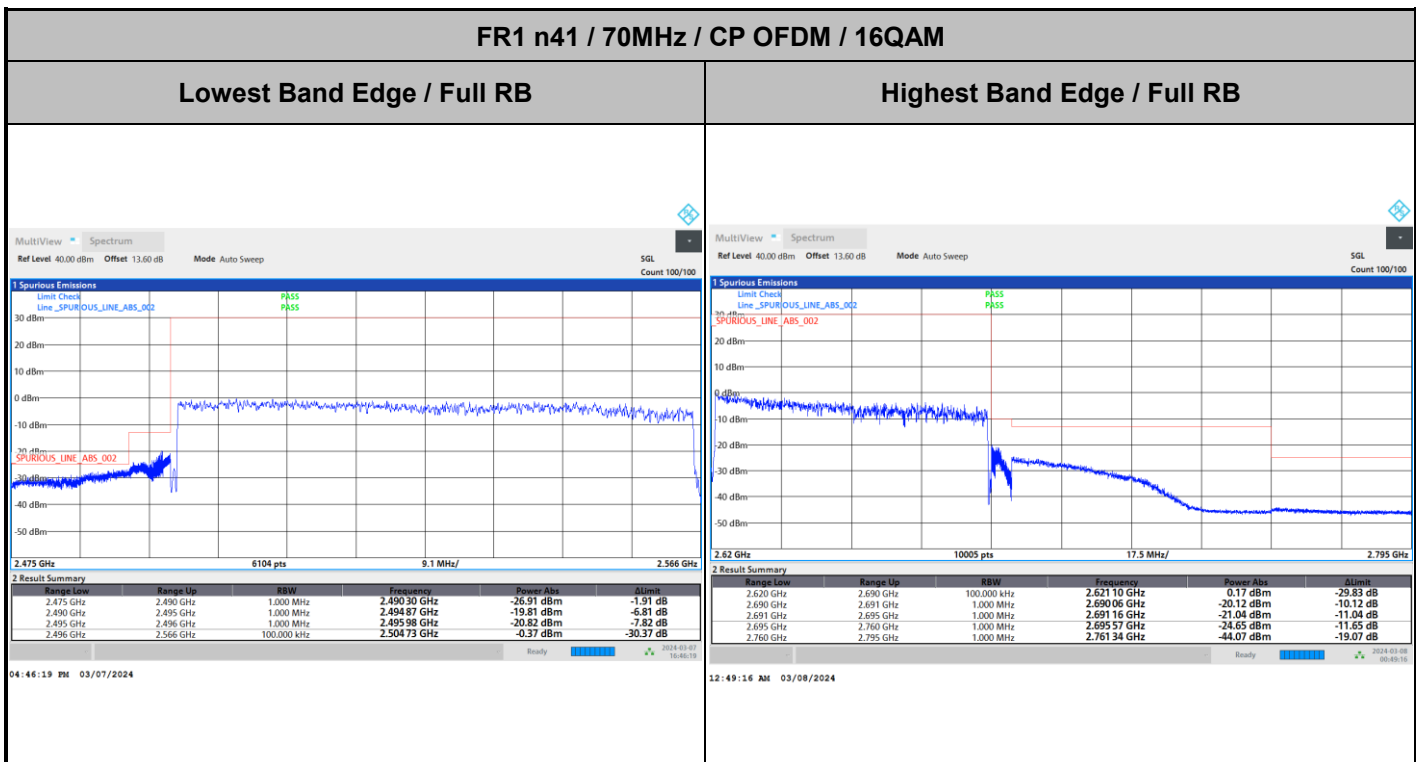
17.5 MHz/

2.795 GHz

2 Result Summary

Range Low	Range Up	RBW	Frequency	Power Abs.	Limit
2.620 GHz	2.690 GHz	1.000 kHz	2.660 39 GHz	-0.99 dBm	-30.99 dB
2.690 GHz	2.691 GHz	1.000 MHz	2.690 00 GHz	-20.46 dBm	-10.46 dB
2.691 GHz	2.695 GHz	1.000 MHz	2.691 46 GHz	-20.09 dBm	-10.09 dB
2.695 GHz	2.760 GHz	1.000 MHz	2.695 63 GHz	-24.94 dBm	-11.94 dB
2.760 GHz	2.795 GHz	1.000 MHz	2.763 14 GHz	-44.13 dBm	-19.13 dB

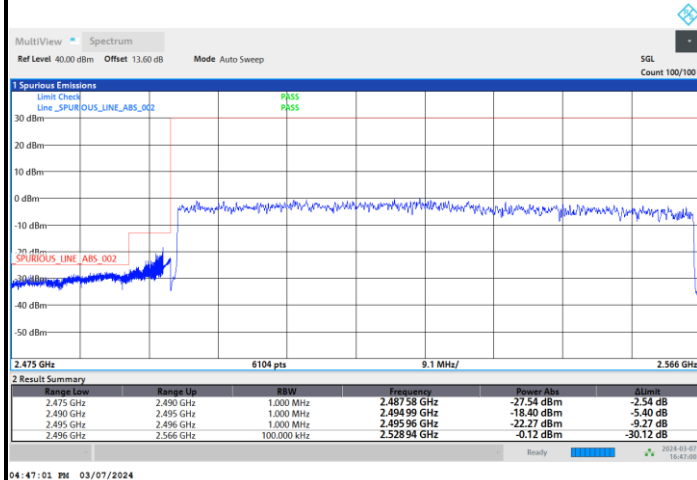
Ready 2024-03-08 00:48:21



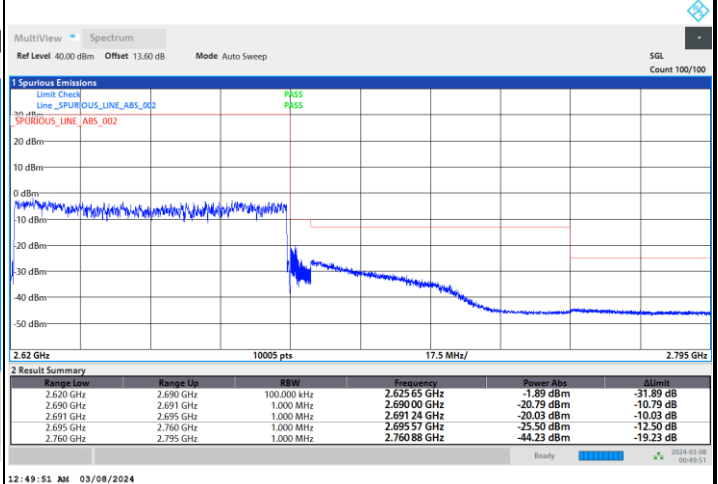


FR1 n41 / 70MHz / CP OFDM / 64QAM

Lowest Band Edge / Full RB

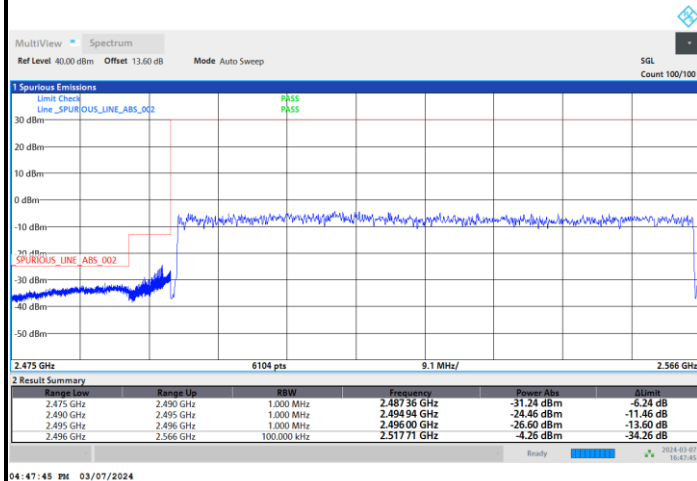


Highest Band Edge / Full RB

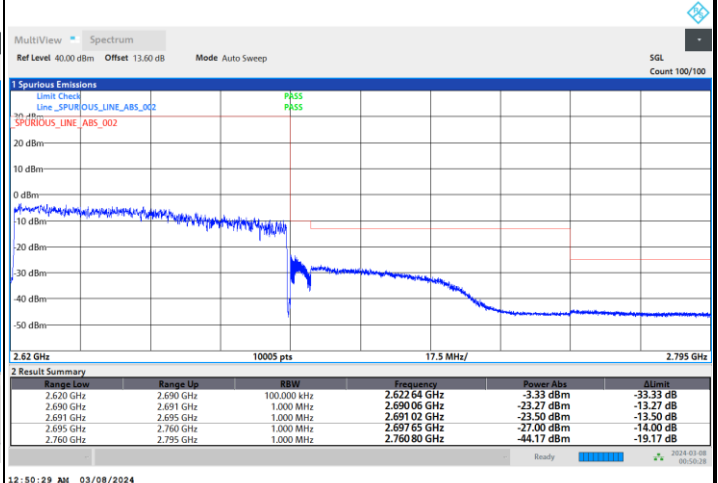


FR1 n41 / 70MHz / CP OFDM / 256QAM

Lowest Band Edge / Full RB



Highest Band Edge / Full RB

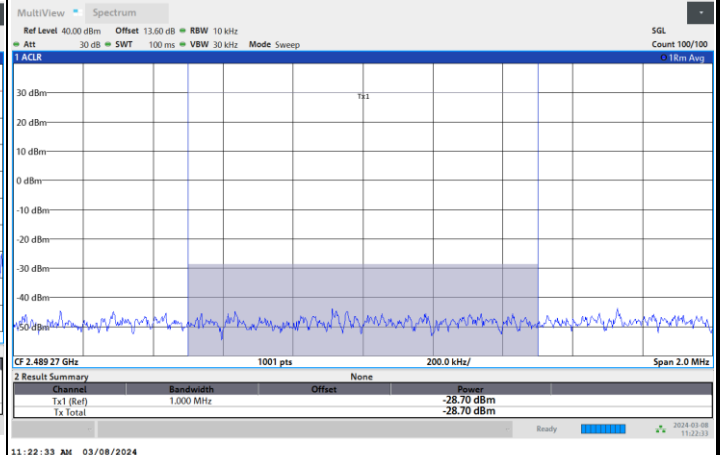
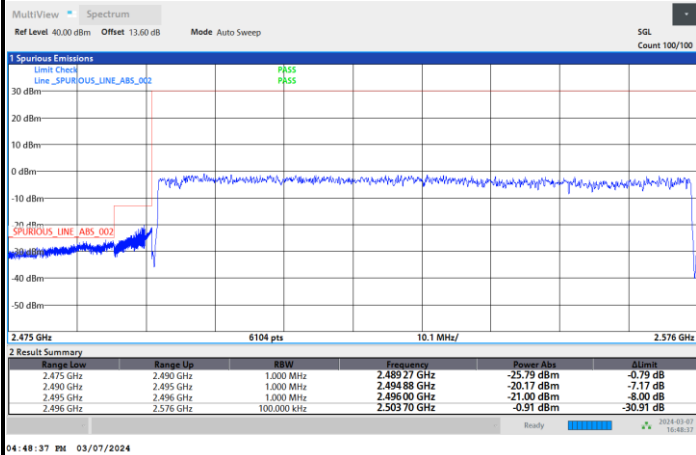




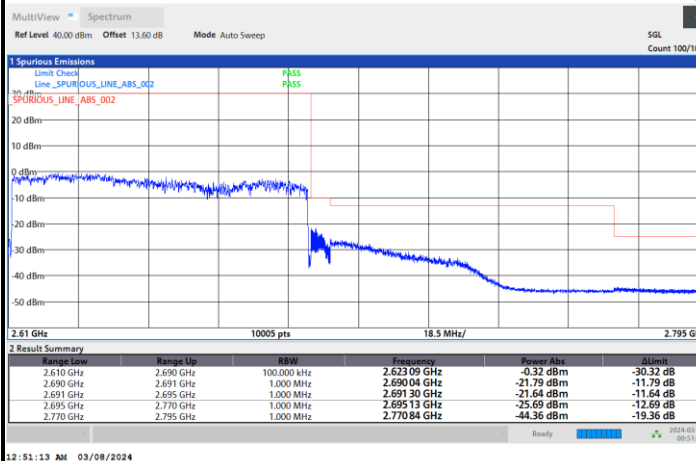
FR1 n41 / 80MHz / CP OFDM / QPSK

Lowest Band Edge / Full RB

Power Limit -25 dBm > -28.70 dBm Pass



Highest Band Edge / Full RB

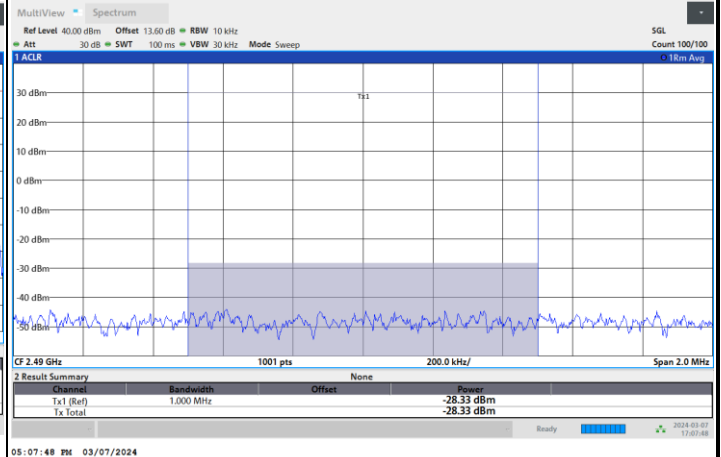
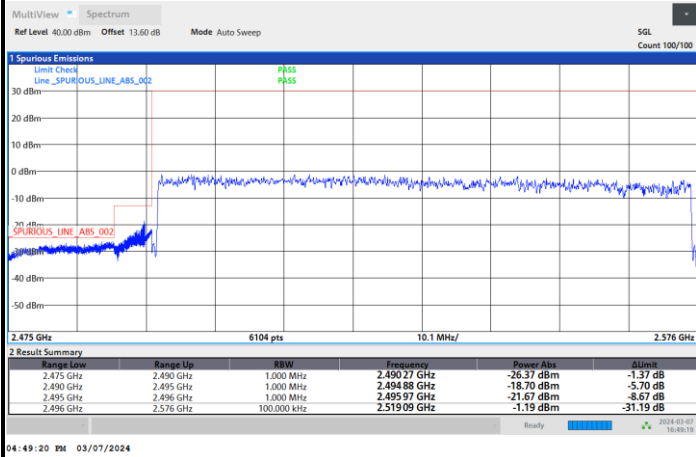




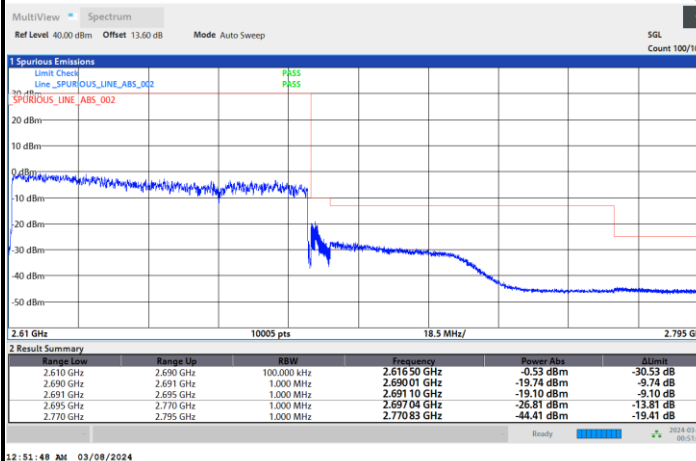
FR1 n41 / 80MHz / CP OFDM / 16QAM

Lowest Band Edge / Full RB

Power Limit -25 dBm > -28.33 dBm Pass



Highest Band Edge / Full RB

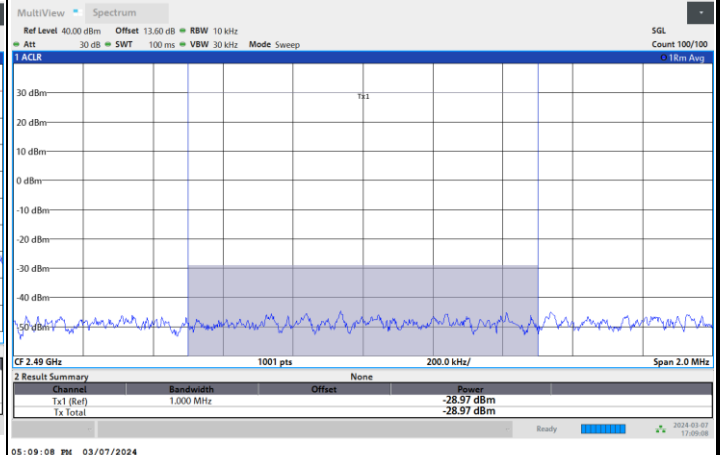
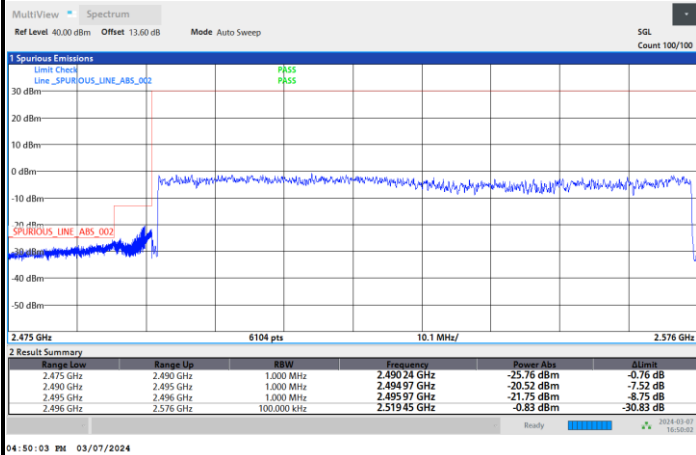




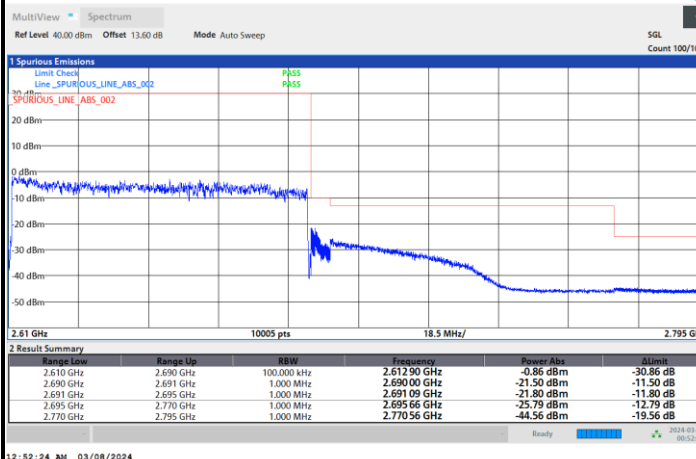
FR1 n41 / 80MHz / CP OFDM / 64QAM

Lowest Band Edge / Full RB

Power Limit -25 dBm > -28.97 dBm Pass



Highest Band Edge / Full RB

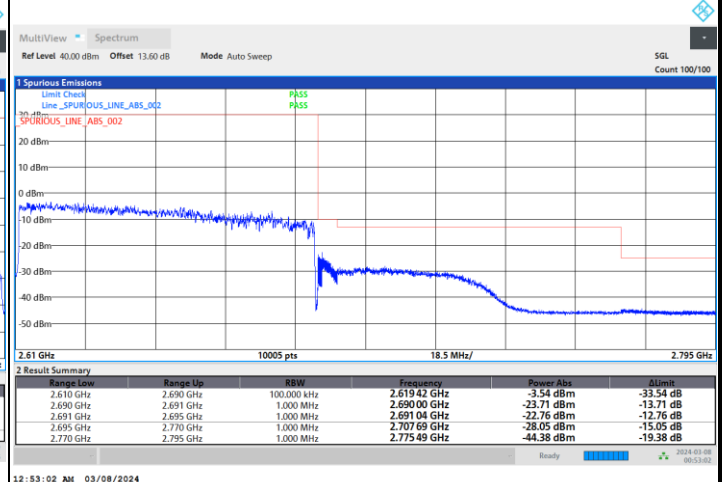
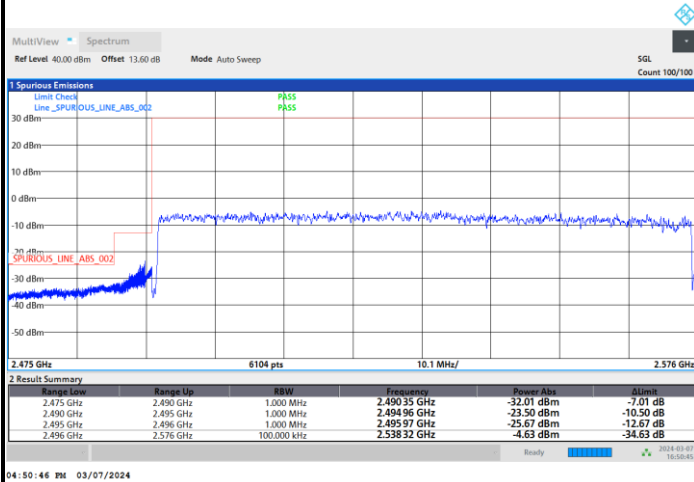




FR1 n41 / 80MHz / CP OFDM / 256QAM

Lowest Band Edge / Full RB

Highest Band Edge / Full RB

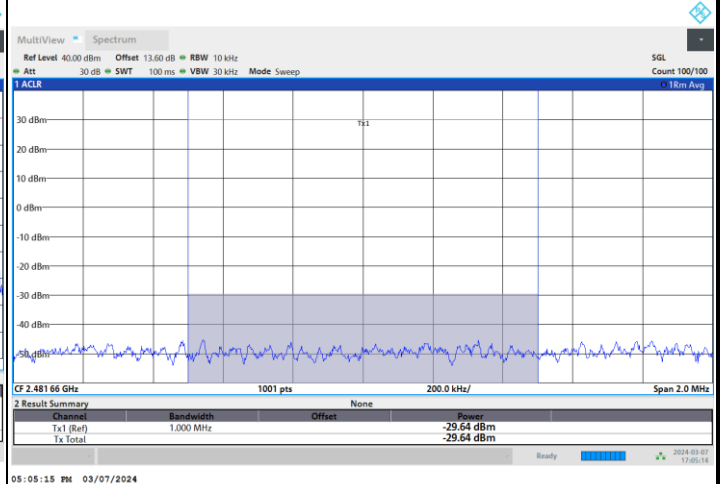
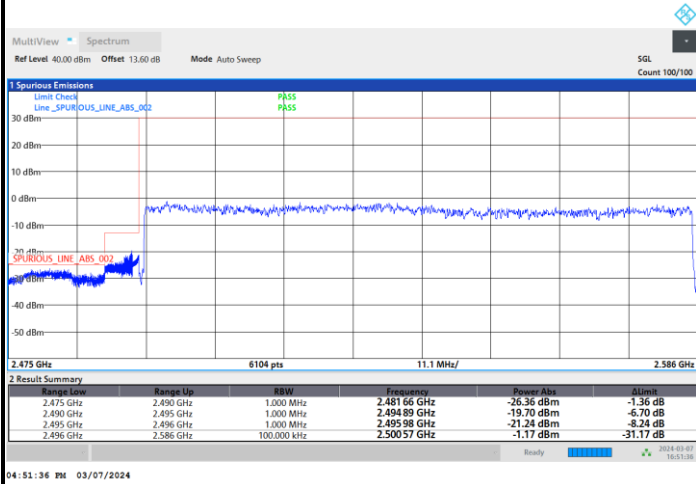




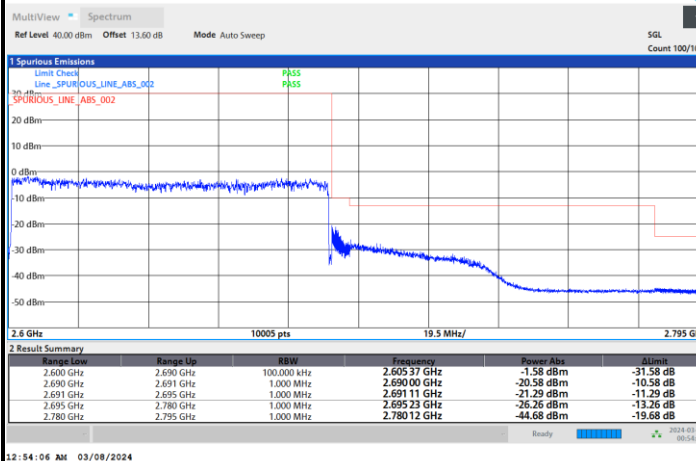
FR1 n41 / 90MHz / CP OFDM / QPSK

Lowest Band Edge / Full RB

Power Limit -25 dBm > -29.64 dBm Pass



Highest Band Edge / Full RB

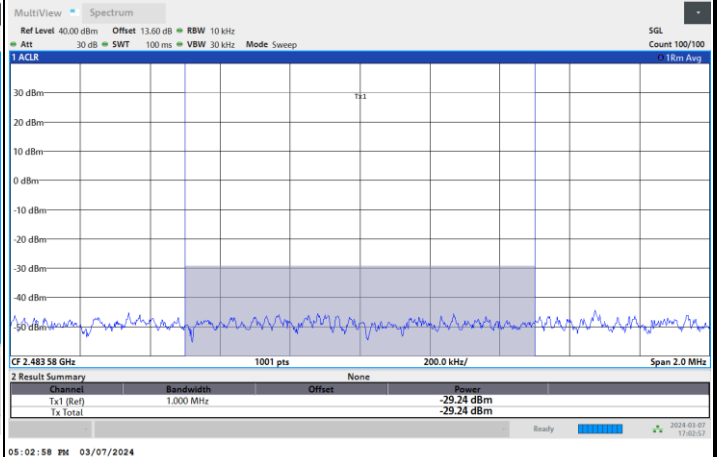
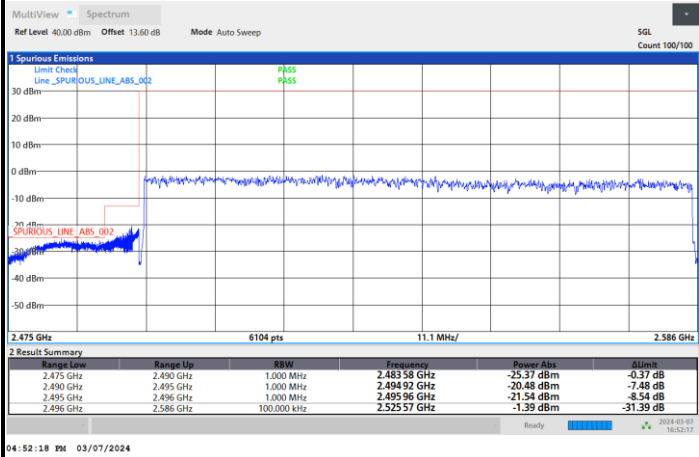




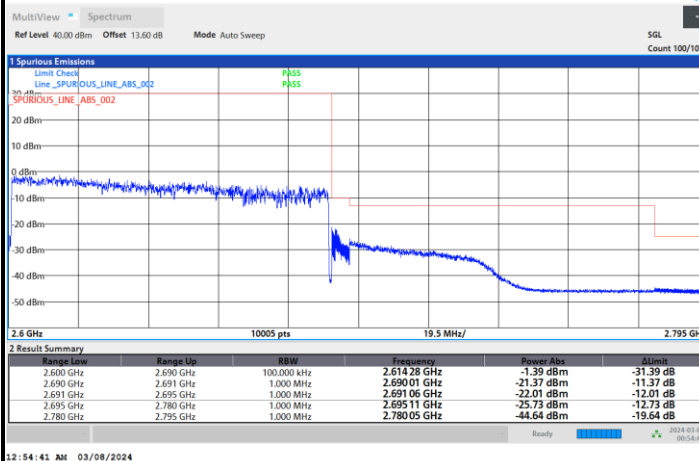
FR1 n41 / 90MHz / CP OFDM / 16QAM

Lowest Band Edge / Full RB

Power Limit -25 dBm > -29.24 dBm Pass



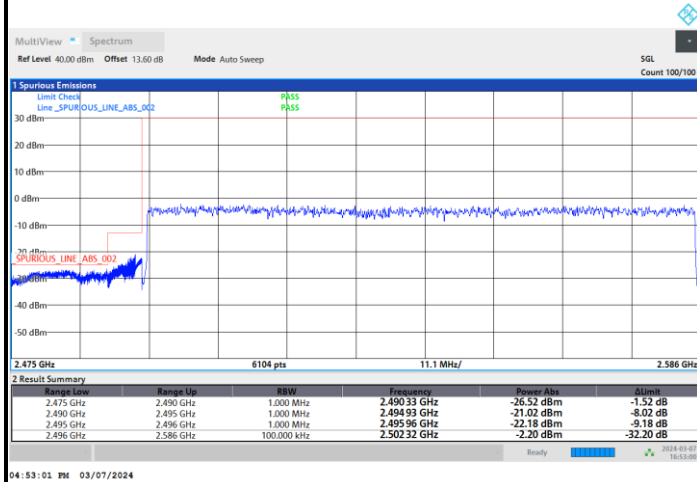
Highest Band Edge / Full RB



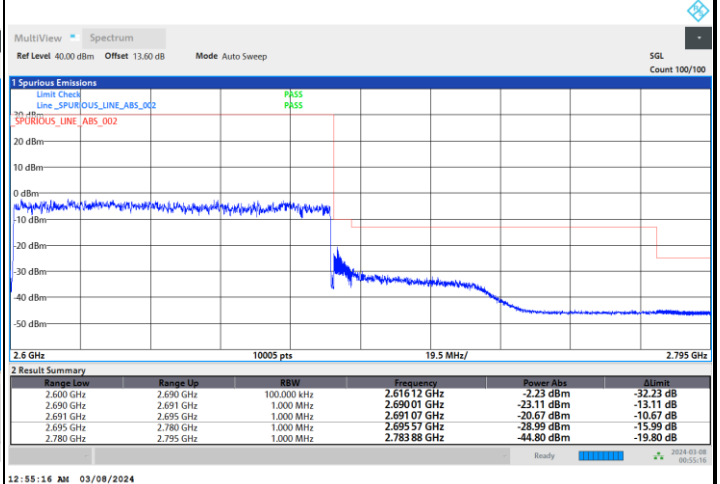


FR1 n41 / 90MHz / CP OFDM / 64QAM

Lowest Band Edge / Full RB

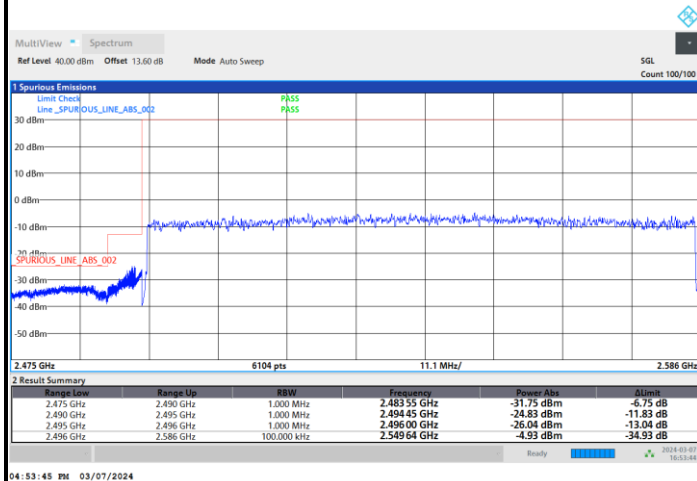


Highest Band Edge / Full RB

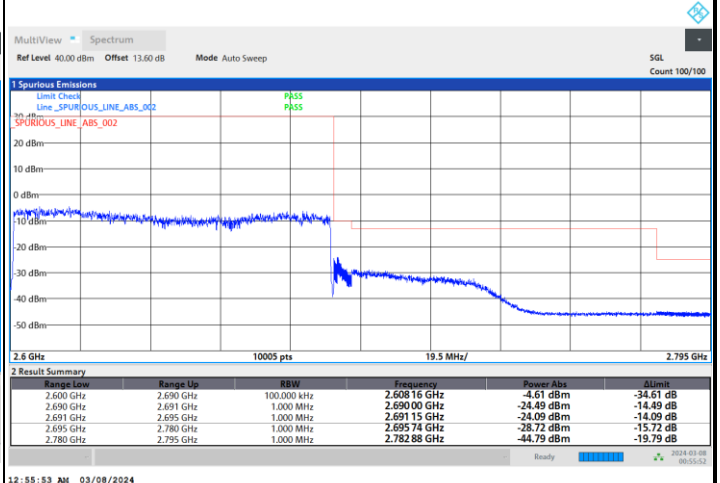


FR1 n41 / 90MHz / CP OFDM / 256QAM

Lowest Band Edge / Full RB



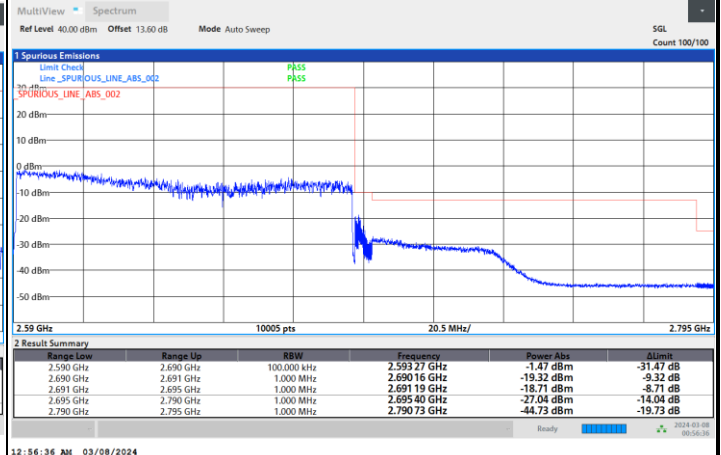
Highest Band Edge / Full RB





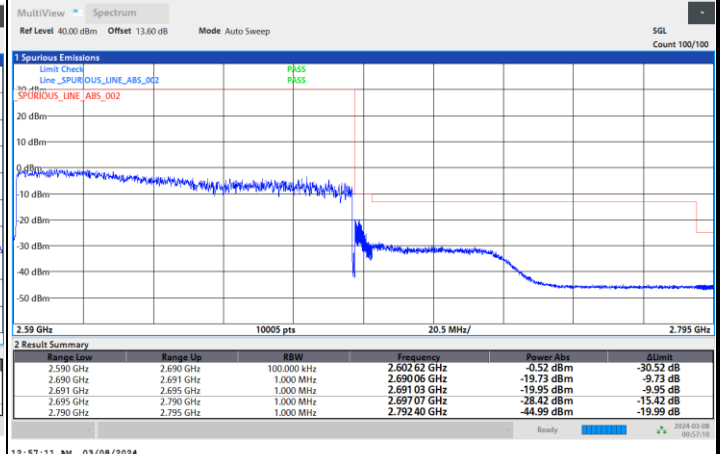
FR1 n41 / 100MHz / CP OFDM / QPSK

Highest Band Edge / Full RB



FR1 n41 / 100MHz / CP OFDM / 16QAM

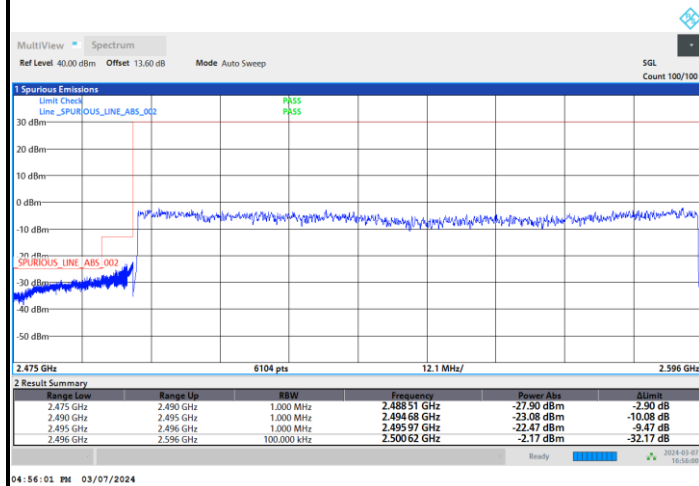
Highest Band Edge / Full RB



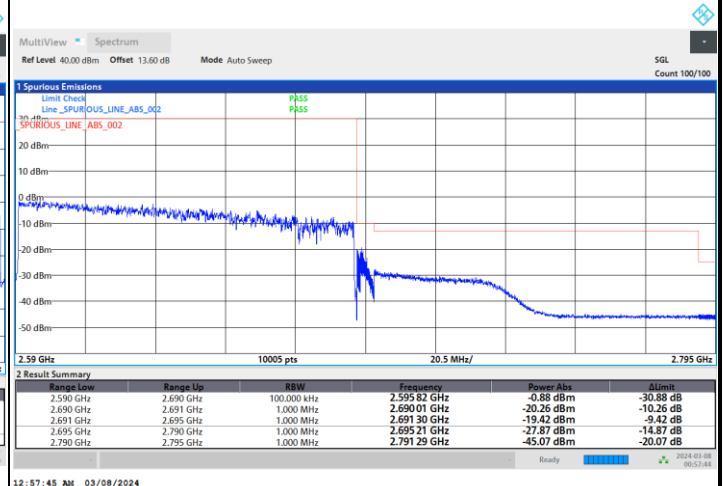


FR1 n41 / 100MHz / CP OFDM / 64QAM

Lowest Band Edge / Full RB

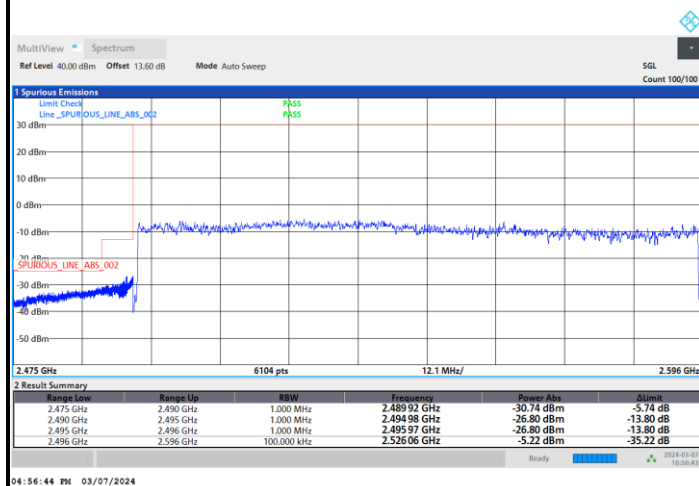


Highest Band Edge / Full RB

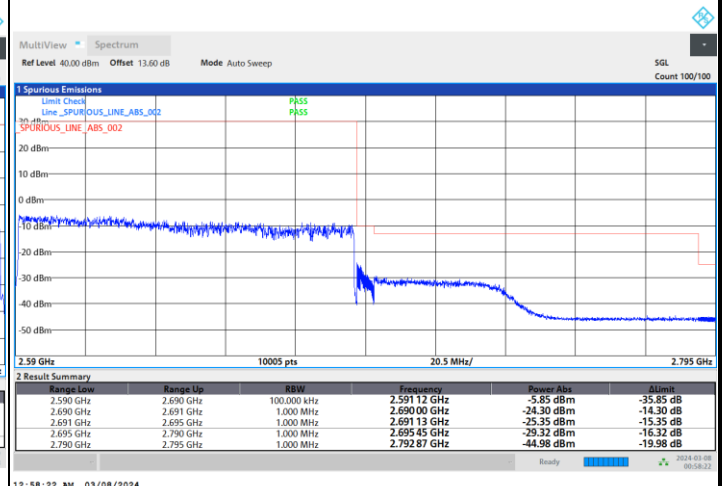


FR1 n41 / 100MHz / CP OFDM / 256QAM

Lowest Band Edge / Full RB



Highest Band Edge / Full RB

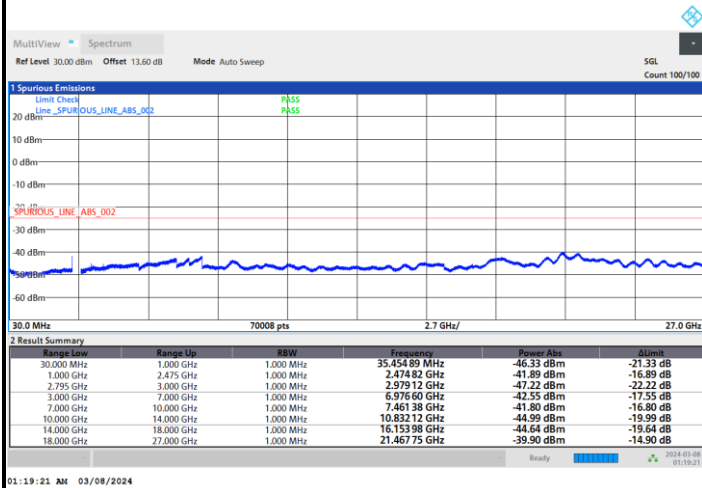




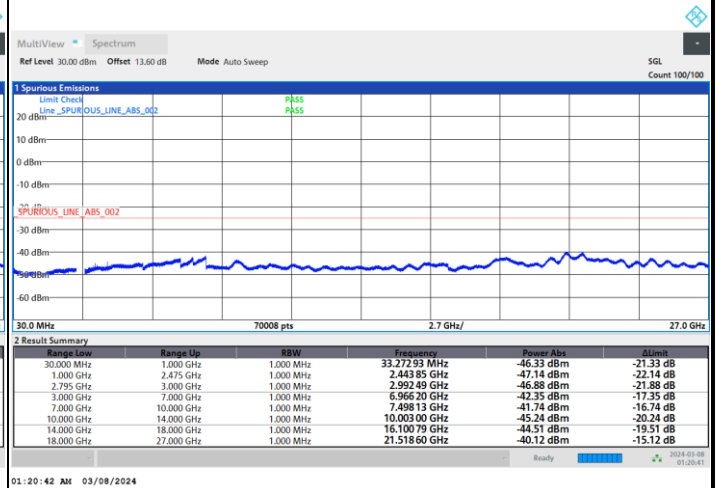
Conducted Spurious Emission

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

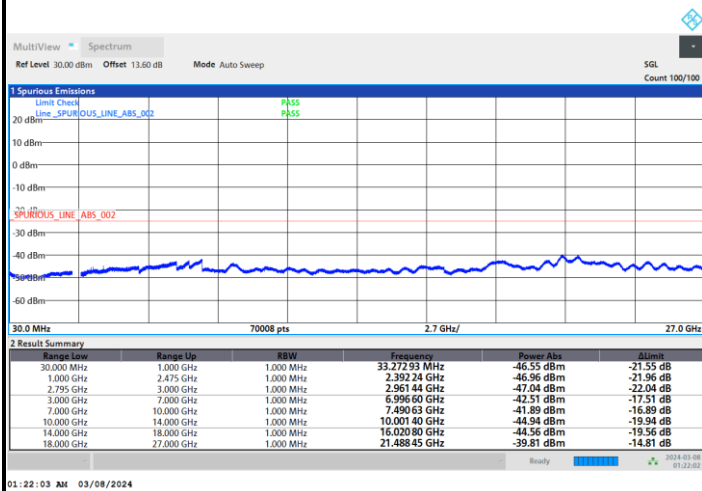
Lowest Channel



Middle Channel



Highest Channel



Frequency Stability

Test Conditions		FR1 n41 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 20MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0037	PASS
40	Normal Voltage	0.0031	
30	Normal Voltage	0.0042	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0140	
0	Normal Voltage	0.0023	
-10	Normal Voltage	0.0209	
-20	Normal Voltage	0.0014	
-30	Normal Voltage	0.0154	
20	Maximum Voltage	0.0124	
20	Normal Voltage	0.0133	
20	Battery End Point	0.0155	

Note:

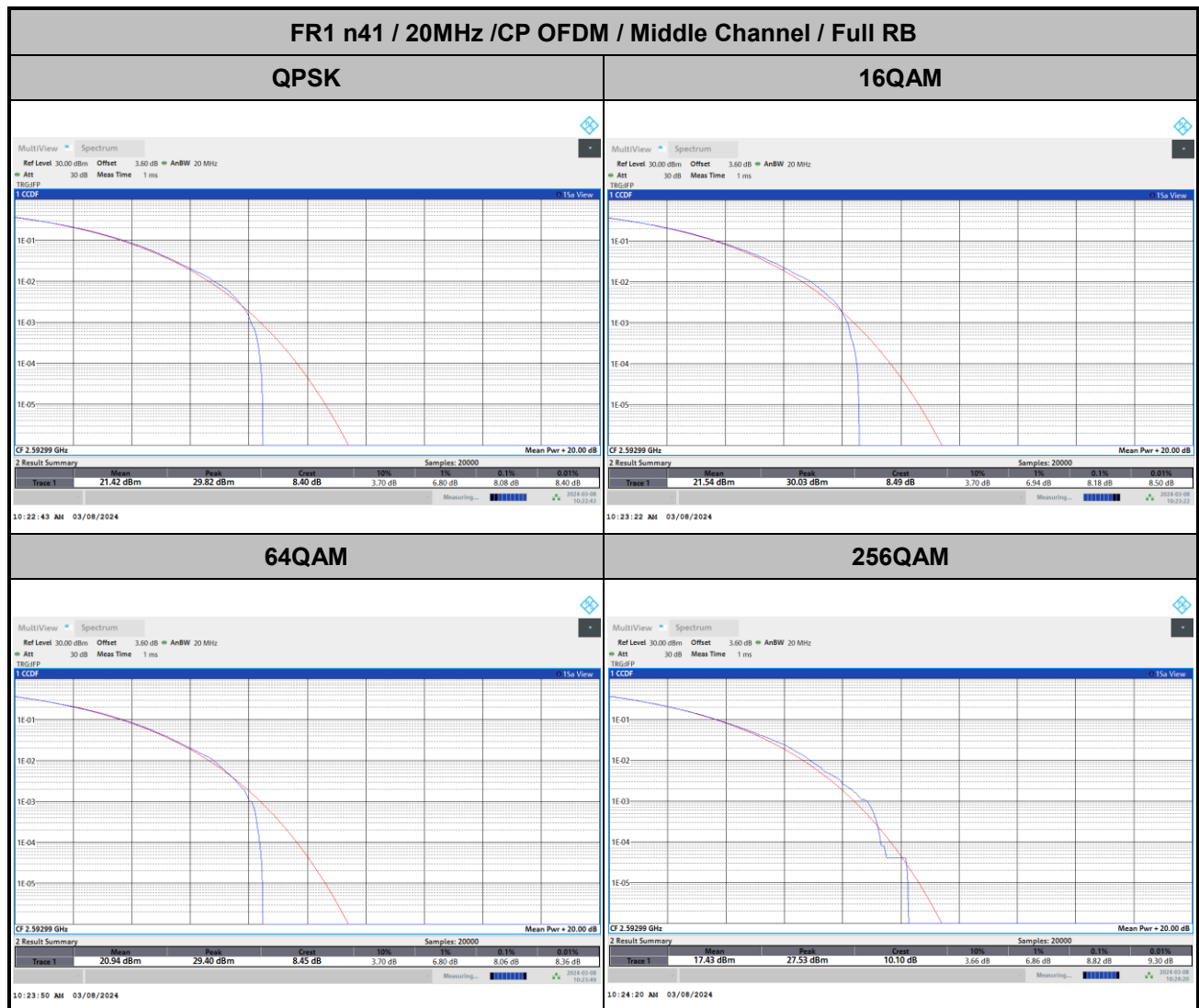
1. Normal Voltage = 3.89 V. ; Battery End Point (BEP) = 3.6 V. ; Maximum Voltage = 4.4 V.
2. The frequency fundamental emissions stay within the authorized frequency block.



MIMO <Ant. 1>

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	8.08	8.18	8.06	8.82	PASS



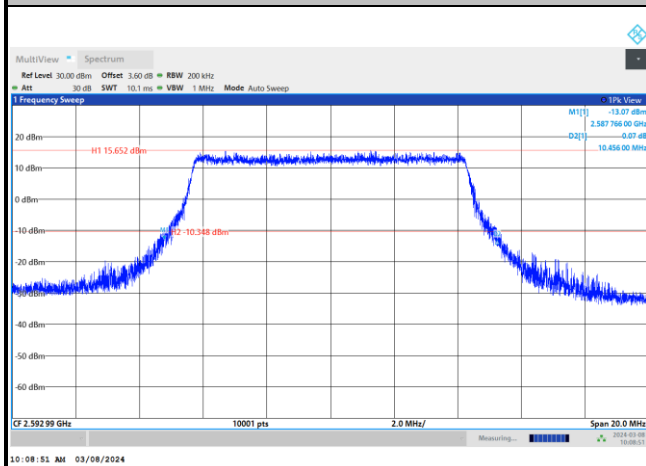
**26dB Bandwidth**

Mode	FR1 n41 : 26dB BW(MHz) / CP OFDM							
BW	10MHz		15MHz		20MHz		25MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	10.46	10.39	15.81	15.57	20.72	20.40	25.69	25.76
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Middle CH	10.38	10.40	15.38	15.62	20.56	20.72	25.71	25.33
BW	30MHz		40MHz		50MHz		60MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	30.93	31.11	42.68	42.47	52.35	52.22	67.27	66.59
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Middle CH	31.02	30.94	42.72	42.43	52.57	52.53	67.02	67.85
BW	70MHz		80MHz		90MHz		100MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	78.10	76.91	84.80	83.31	97.39	97.02	106.68	105.90
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Middle CH	77.46	77.38	84.35	84.34	96.46	97.99	106.08	105.86

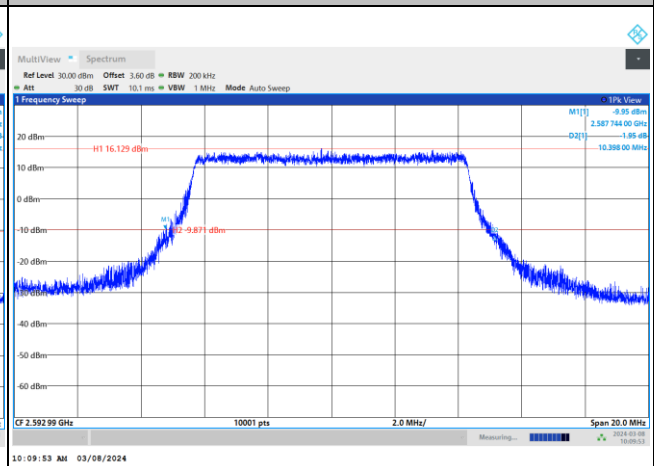


FR1 n41 / 10MHz / CP OFDM / Middle Channel / Full RB

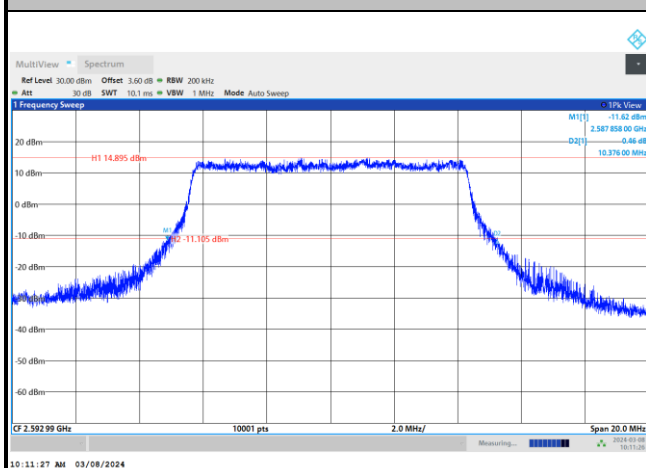
QPSK



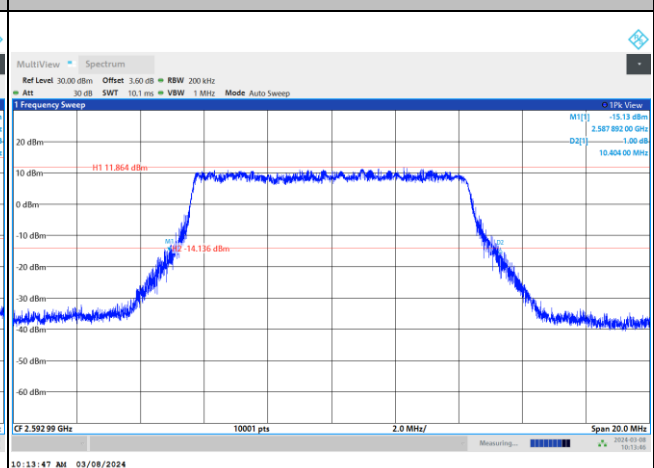
16QAM



64QAM



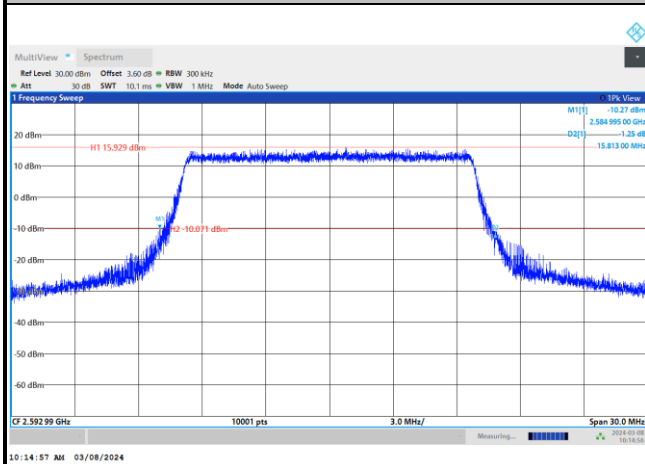
256QAM



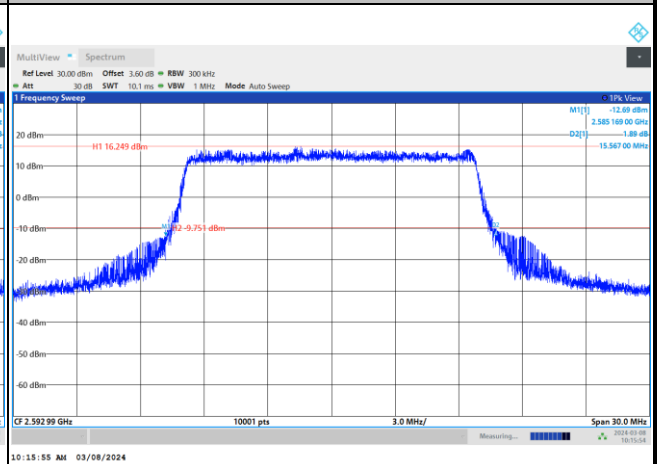


FR1 n41 / 15MHz / CP OFDM / Middle Channel / Full RB

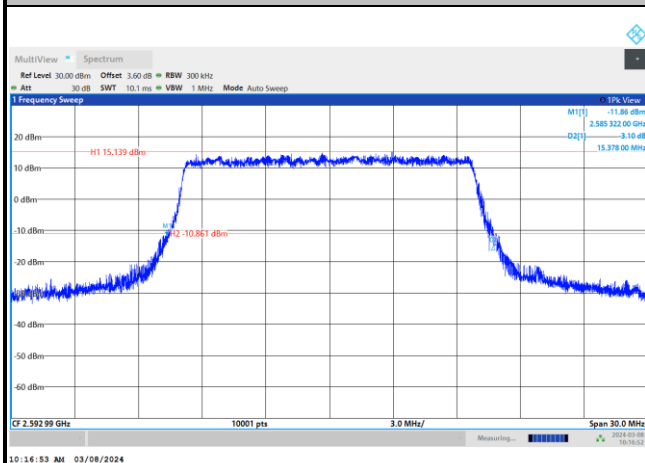
QPSK



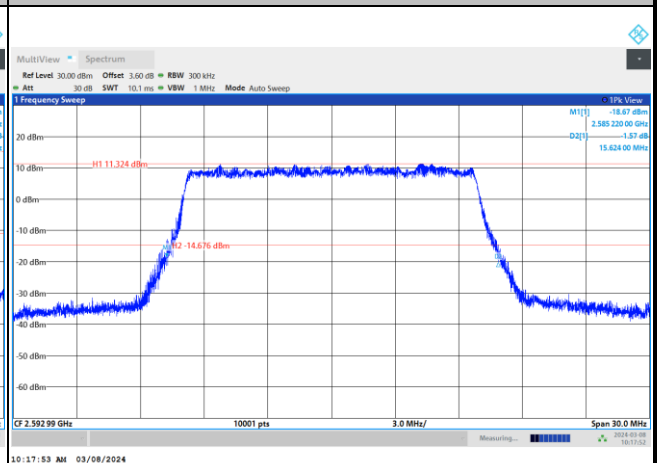
16QAM



64QAM



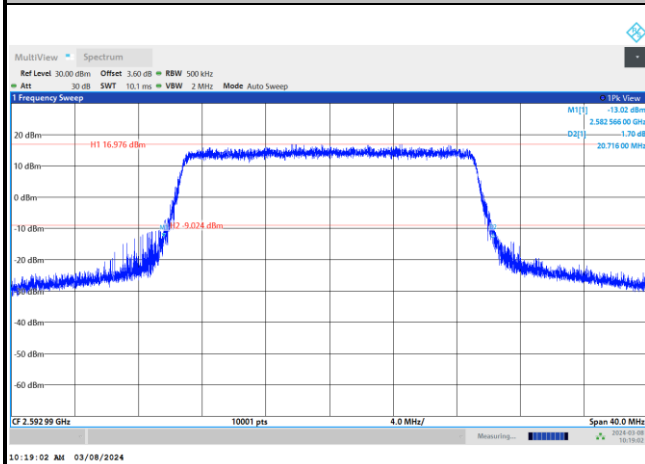
256QAM



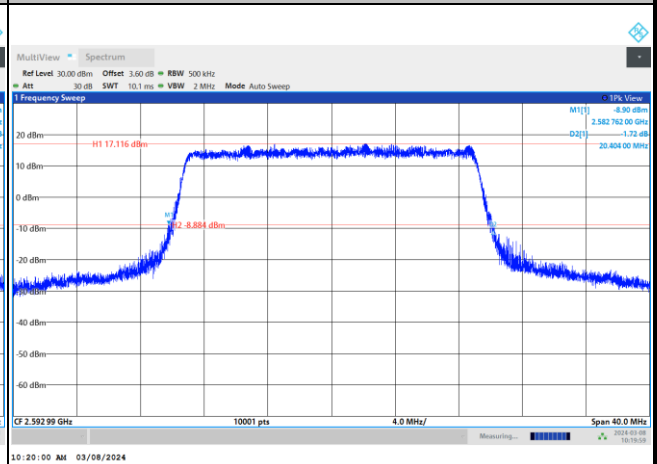


FR1 n41 / 20MHz / CP OFDM / Middle Channel / Full RB

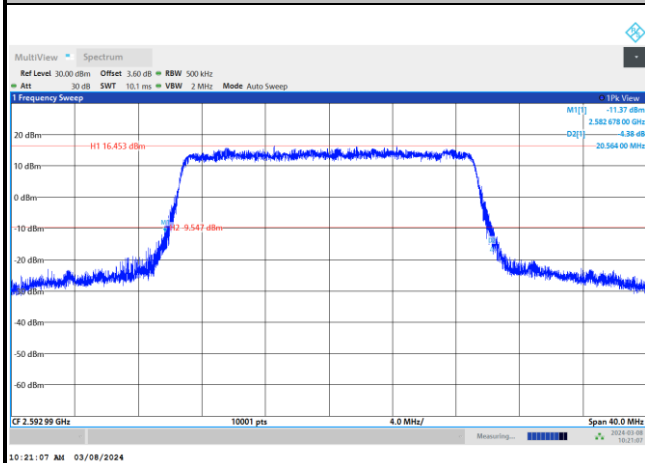
QPSK



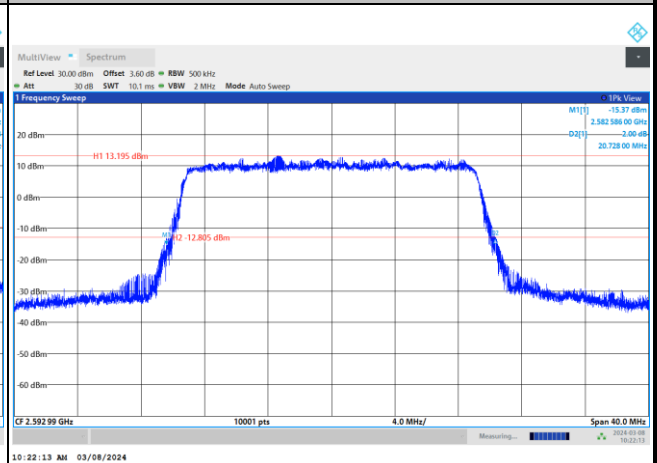
16QAM

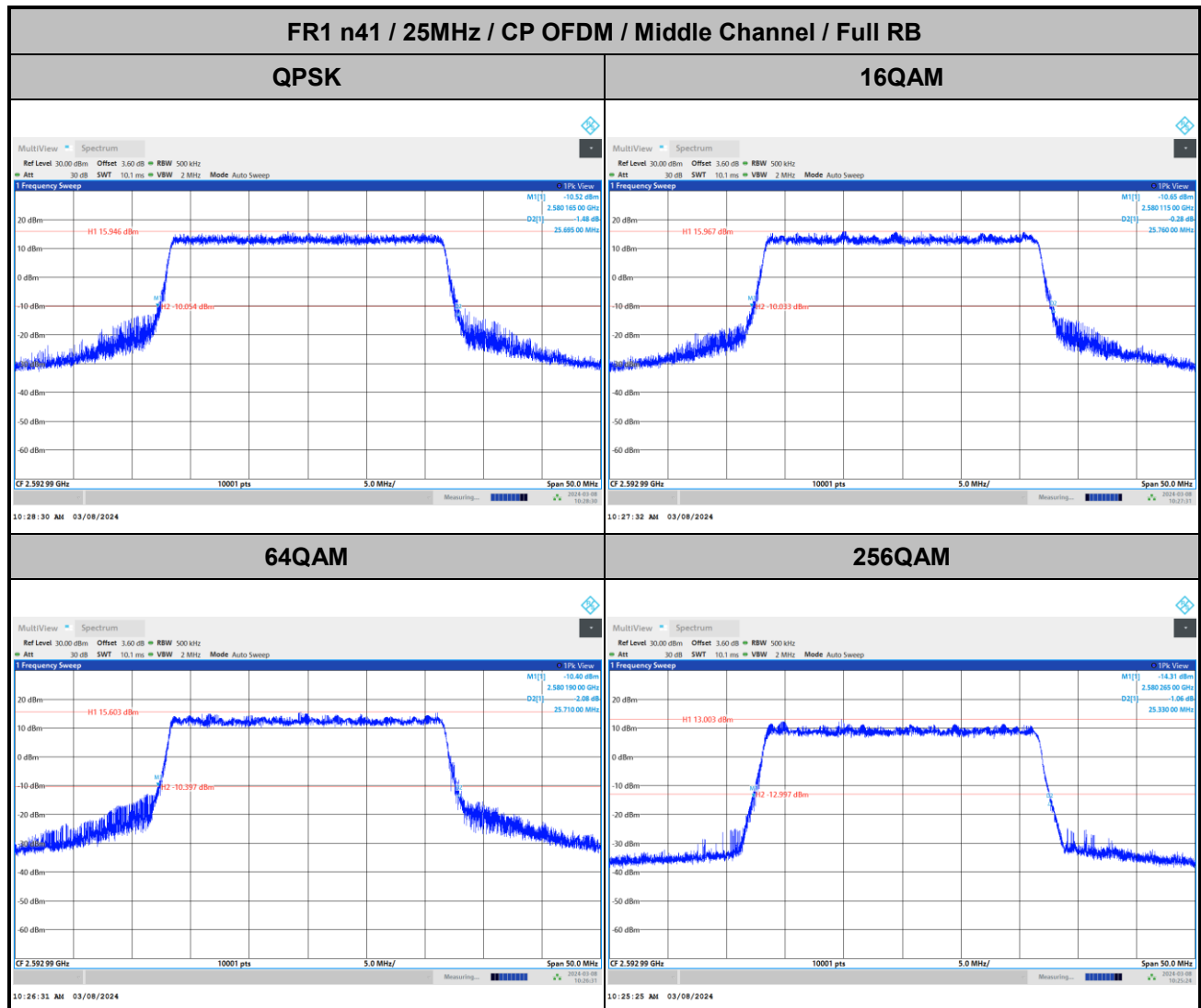


64QAM



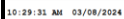
256QAM







16QAM



256QAM



