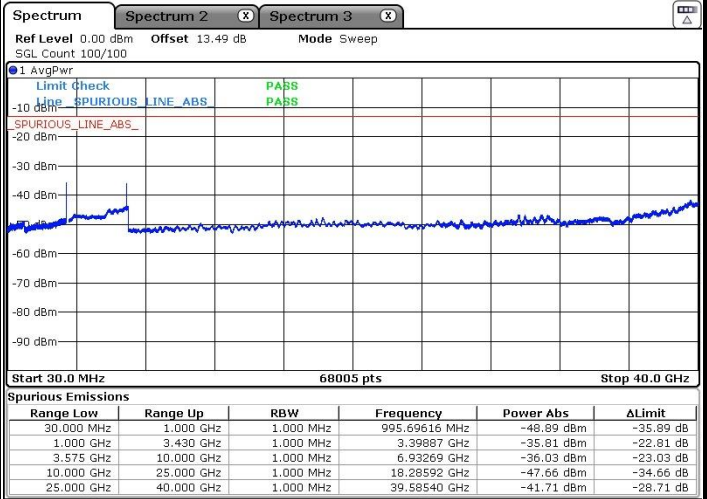
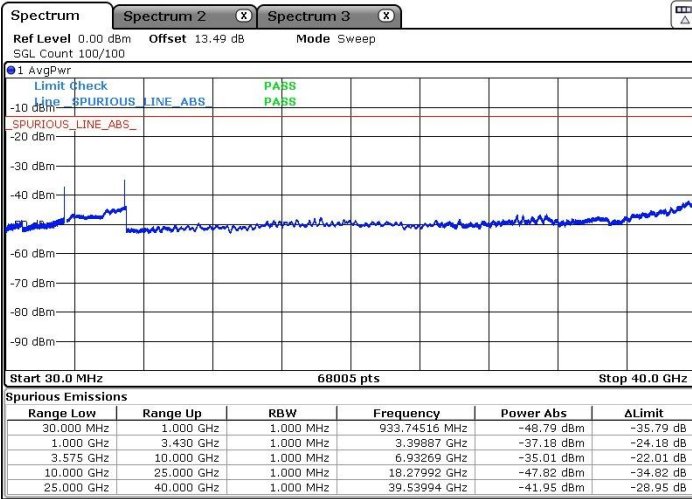




FR1 n78 / 70MHz / DFT-S OFDM / QPSK

Lowest Channel / 1RB1

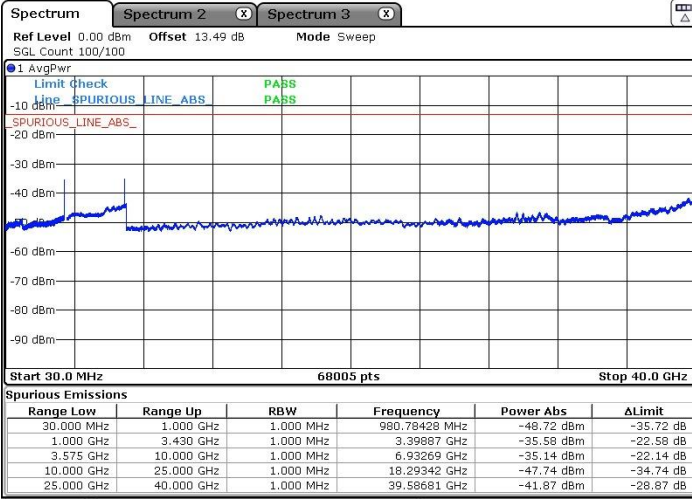
Middle Channel / 1RB1



Date: 3.DEC.2021 01:17:56

Date: 3.DEC.2021 01:16:44

Highest Channel / 1RB1



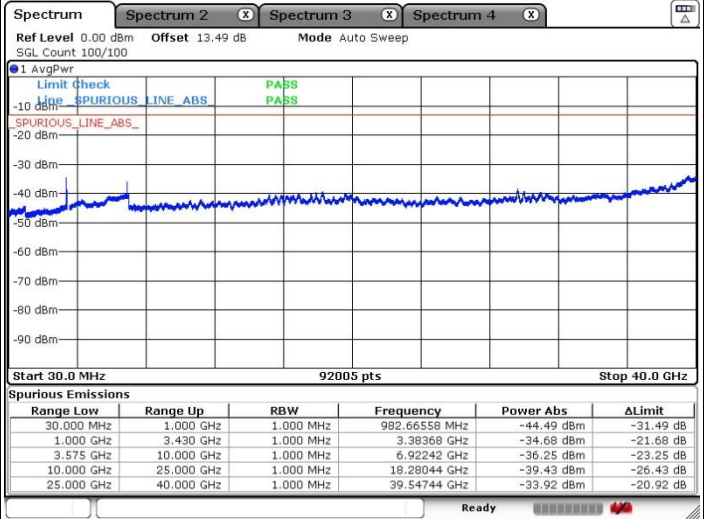
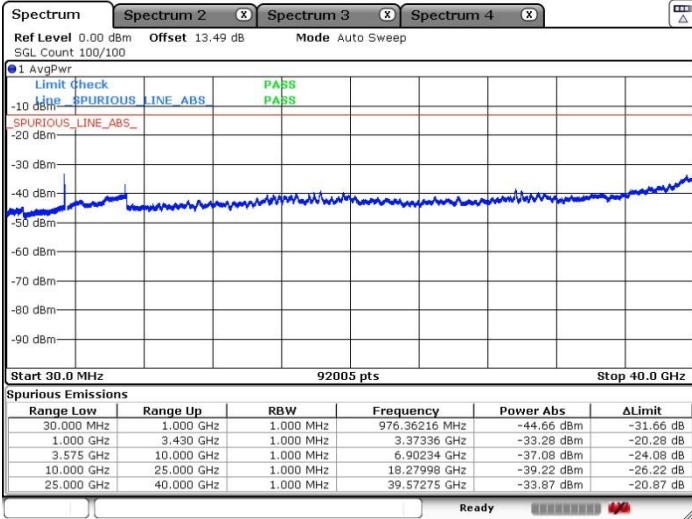
Date: 3.DEC.2021 01:19:03



FR1 n78 / 80MHz / DFT-S OFDM / QPSK

Lowest Channel / 1RB1

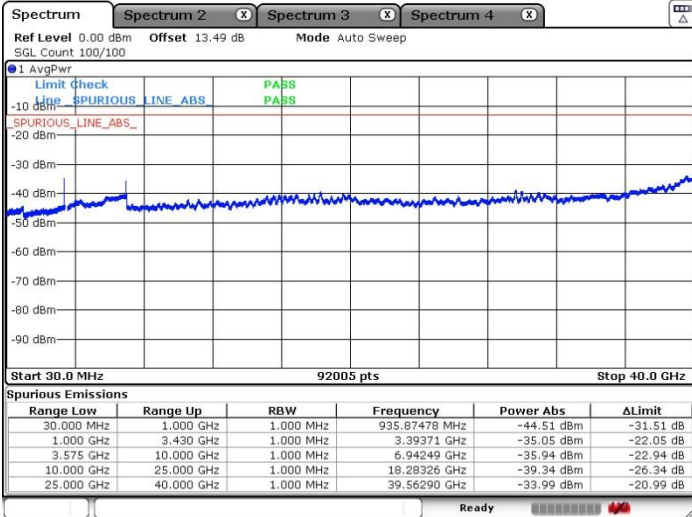
Middle Channel / 1RB1



Date: 1.DEC.2021 12:06:46

Date: 1.DEC.2021 12:04:54

Highest Channel / 1RB1



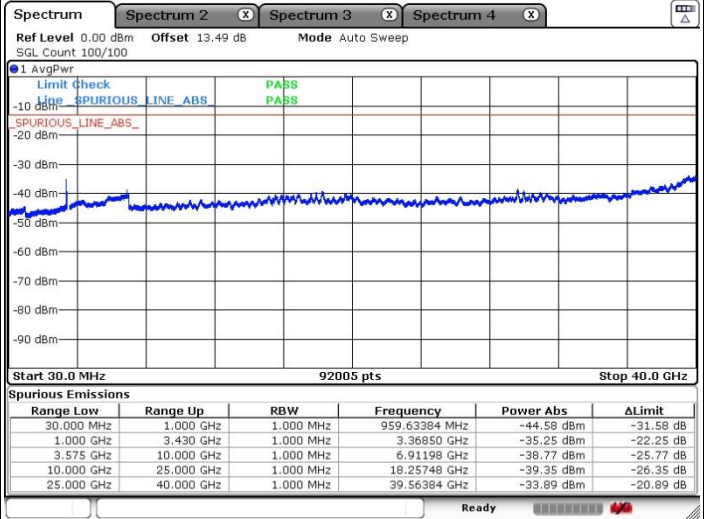
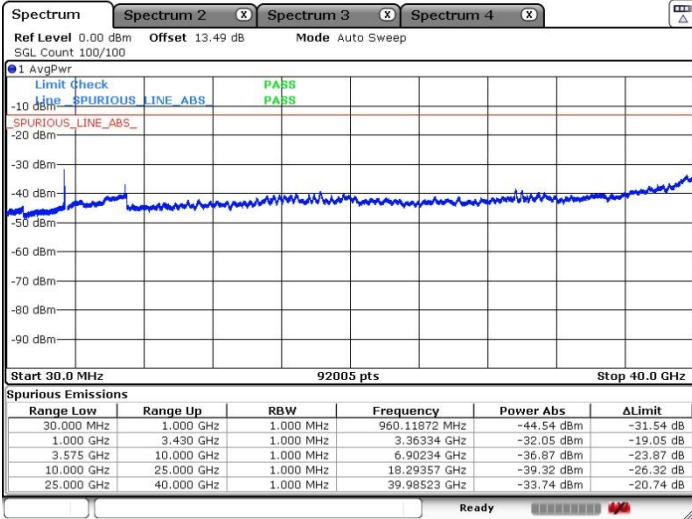
Date: 1.DEC.2021 12:13:02



FR1 n78 / 90MHz / DFT-S OFDM / QPSK

Lowest Channel / 1RB1

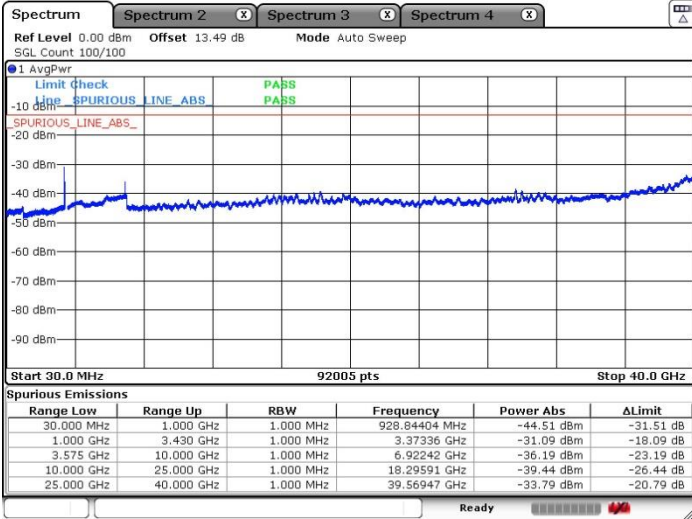
Middle Channel / 1RB1



Date: 1.DEC.2021 10:42:39

Date: 1.DEC.2021 10:38:45

Highest Channel / 1RB1

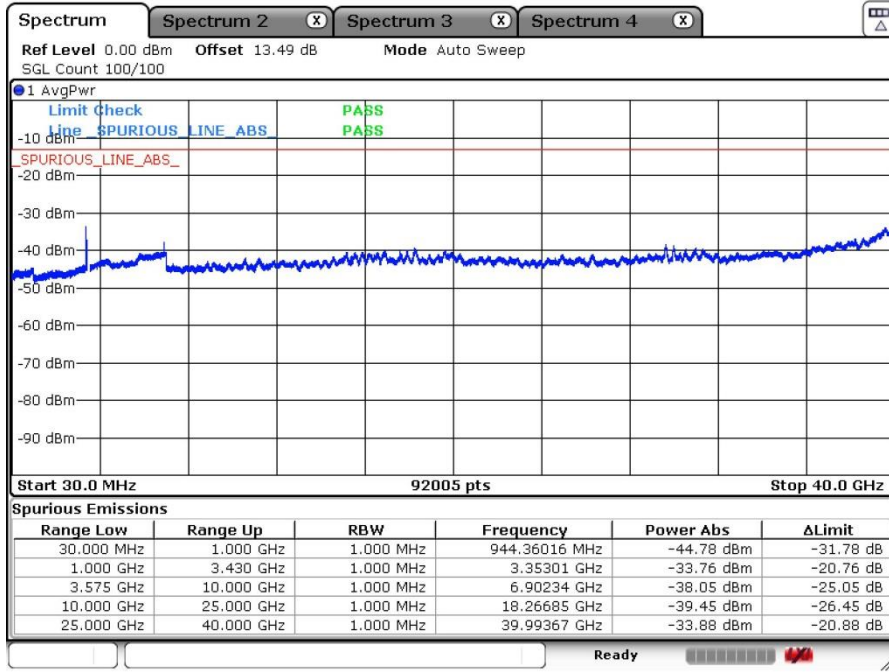


Date: 1.DEC.2021 10:50:23



FR1 n78 / 100MHz / DFT-S OFDM / QPSK

Middle Channel / 1RB1



Date: 1 DEC 2021 09:57:12

## Frequency Stability

Test Conditions		FR1 n78 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 20MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0078	PASS
40	Normal Voltage	0.0029	
30	Normal Voltage	0.0035	
20(Ref.)	Normal Voltage	0.0001	
10	Normal Voltage	0.0000	
0	Normal Voltage	0.0031	
-10	Normal Voltage	0.0046	
-20	Normal Voltage	0.0011	
-30	Normal Voltage	0.0010	
20	Maximum Voltage	0.0035	
20	Normal Voltage	0.0026	
20	Battery End Point	0.0031	

**Note:**

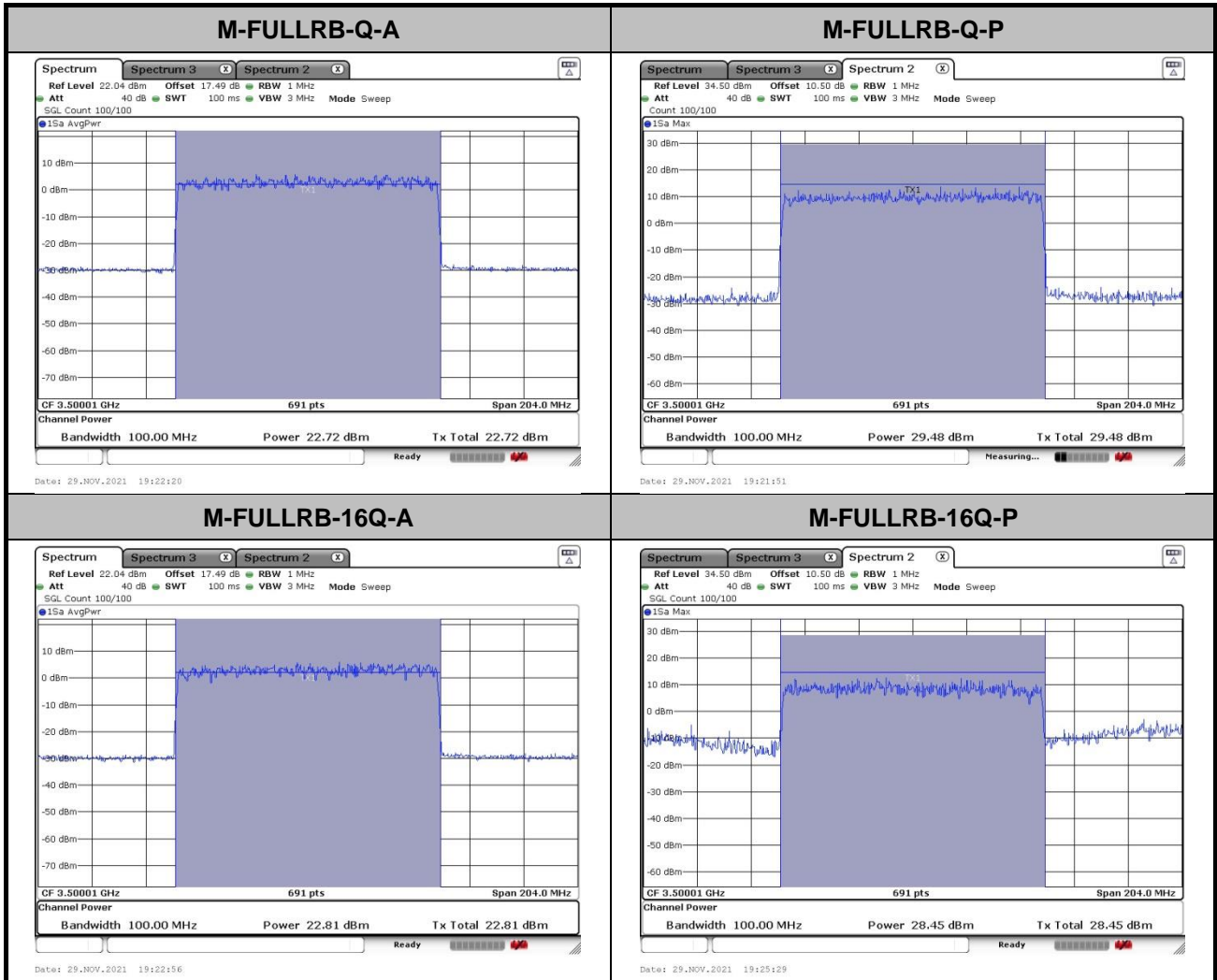
1. Normal Voltage =3.87 V. ; Battery End Point (BEP) =3.6 V. ; Maximum Voltage =4.45 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.

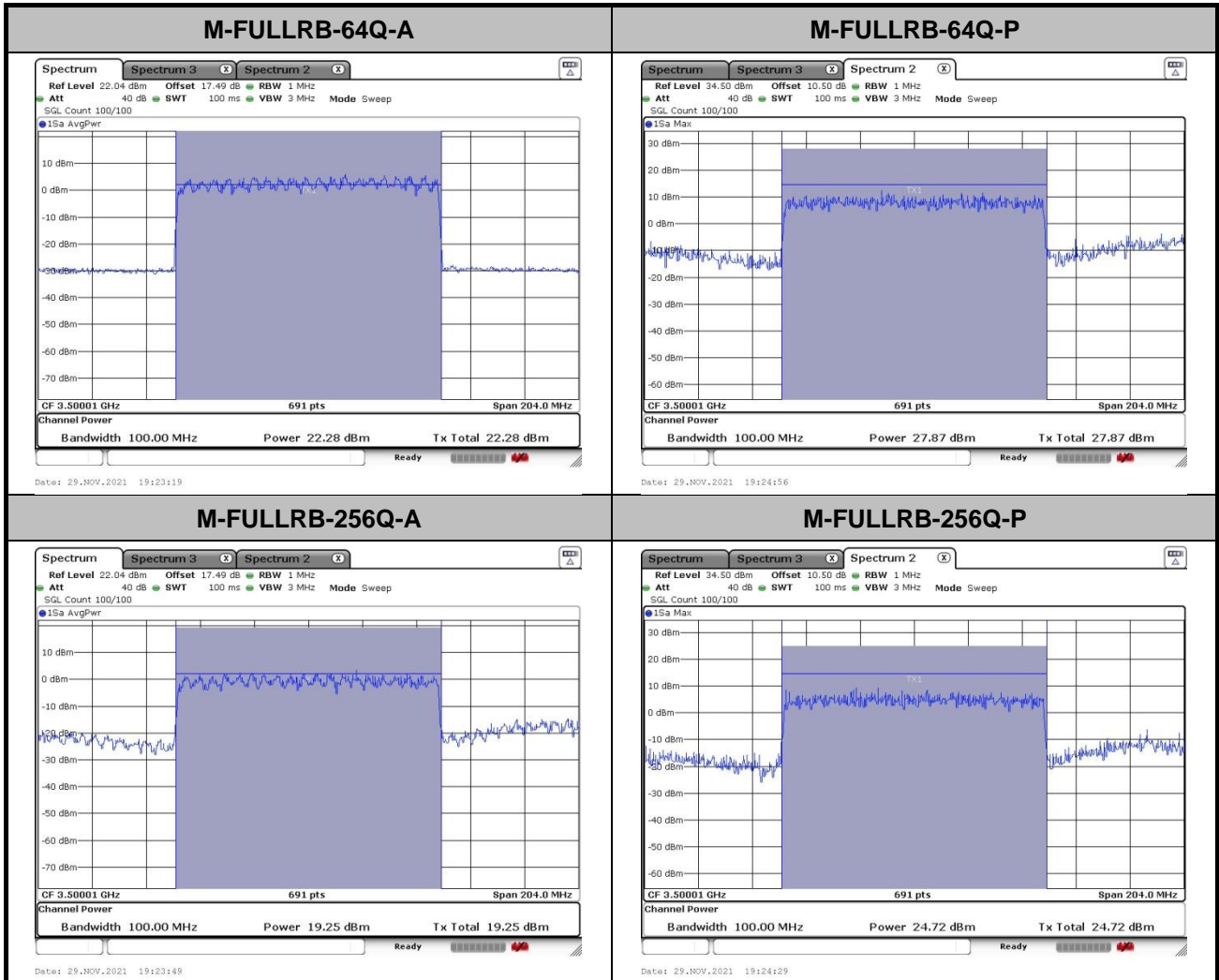


## FR1 n78-UL MIMO

### Peak-to-Average Ratio

Mode	FR1 n78 / 100MHz / CP OFDM				
Mod.	QPSK	16QAM	64QAM	256QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Full RB	Result
Middle CH	6.76	4.64	5.59	5.47	<b>PASS</b>



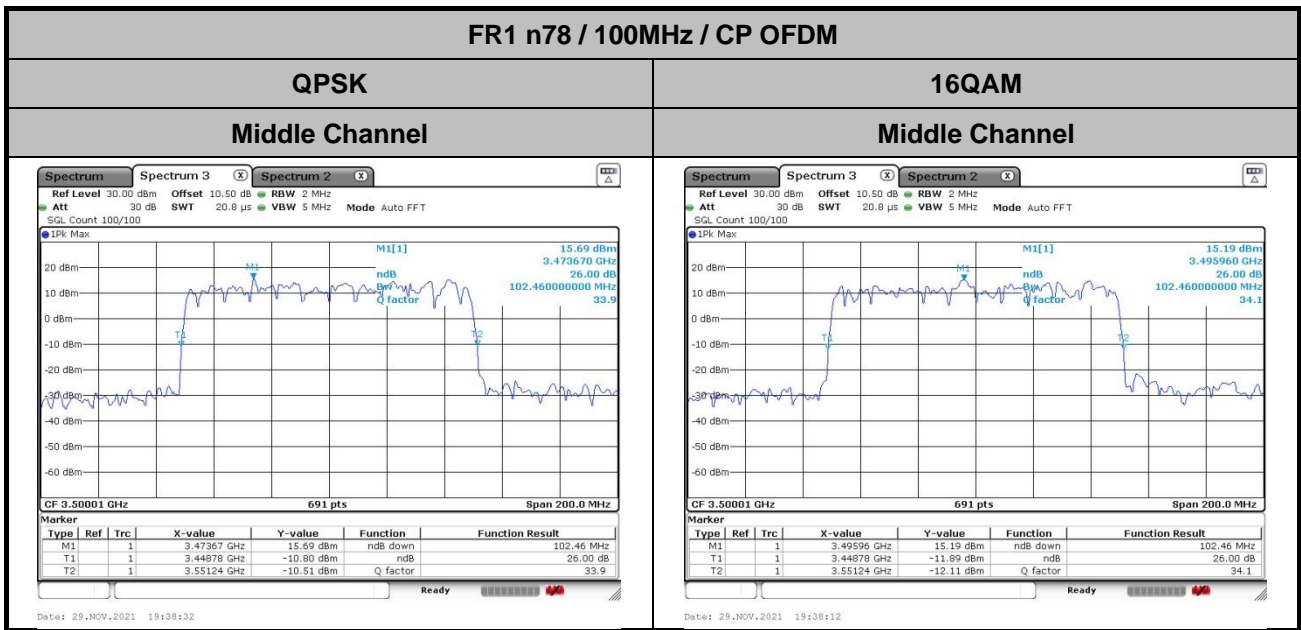






**26dB Bandwidth**

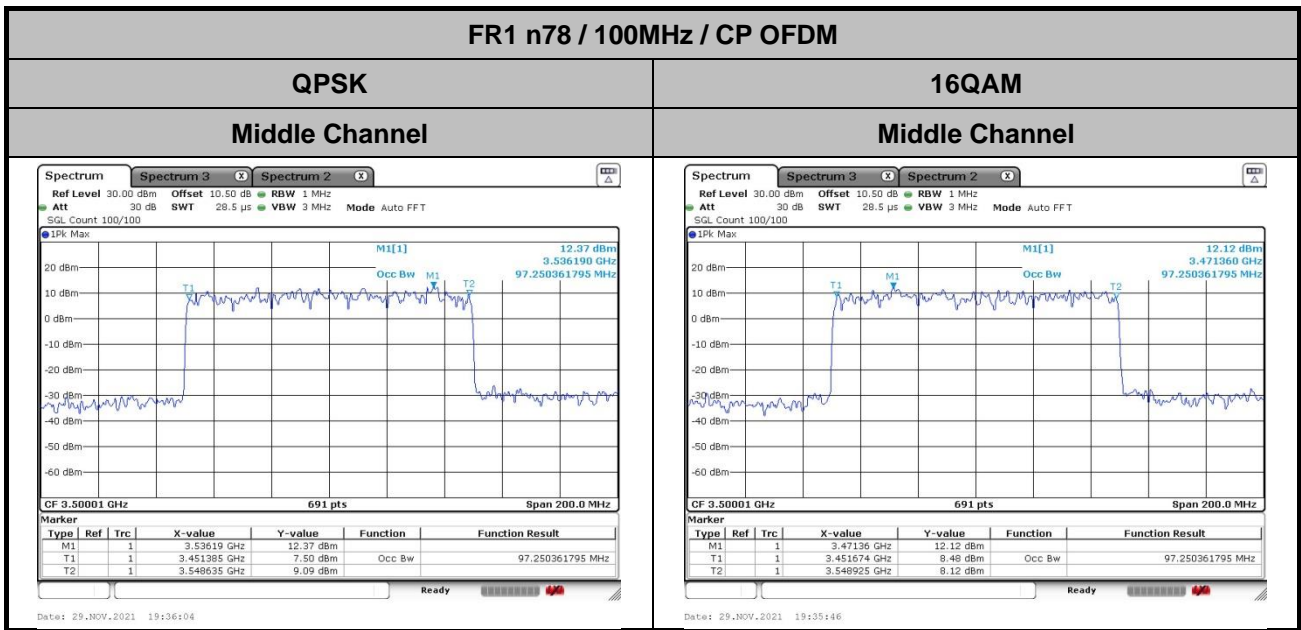
<b>BW</b>	<b>100MHz</b>	
<b>Mod.</b>	<b>QPSK</b>	<b>16QAM</b>
<b>Middle CH</b>	102.46	102.46





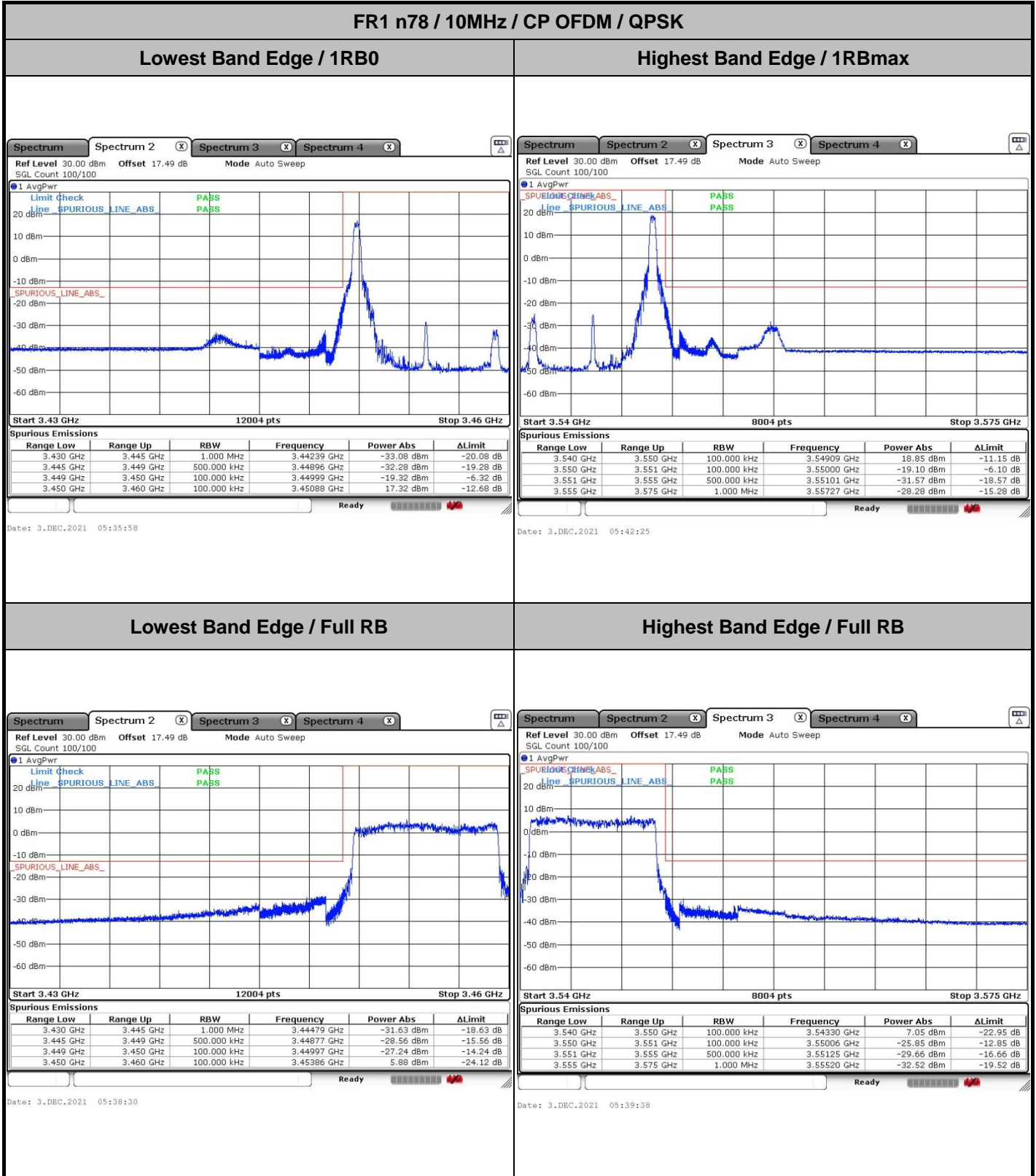
# Occupied Bandwidth

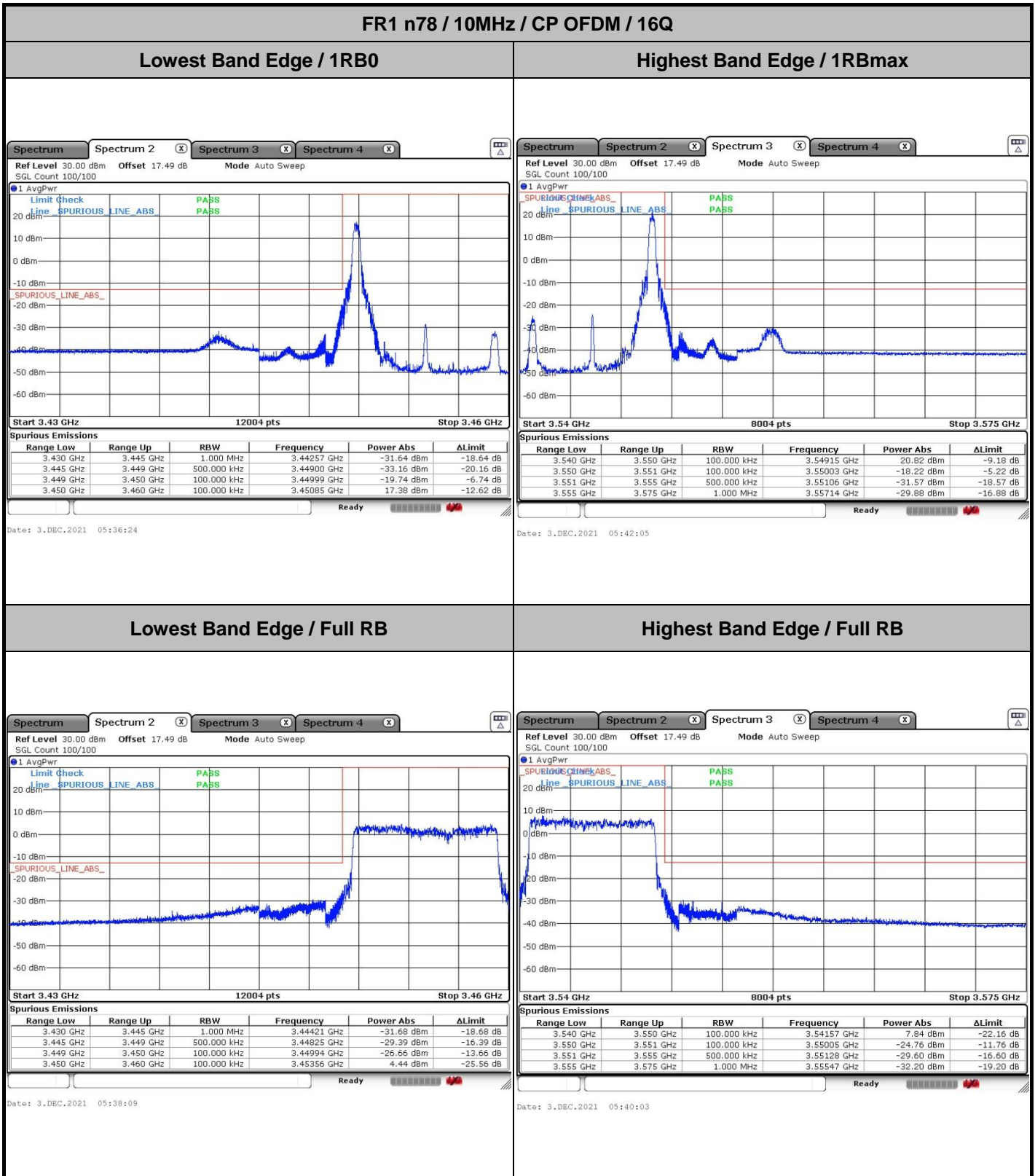
<b>BW</b>	<b>100MHz</b>	
<b>Mod.</b>	<b>QPSK</b>	<b>16QAM</b>
<b>Middle CH</b>	97.25	97.25

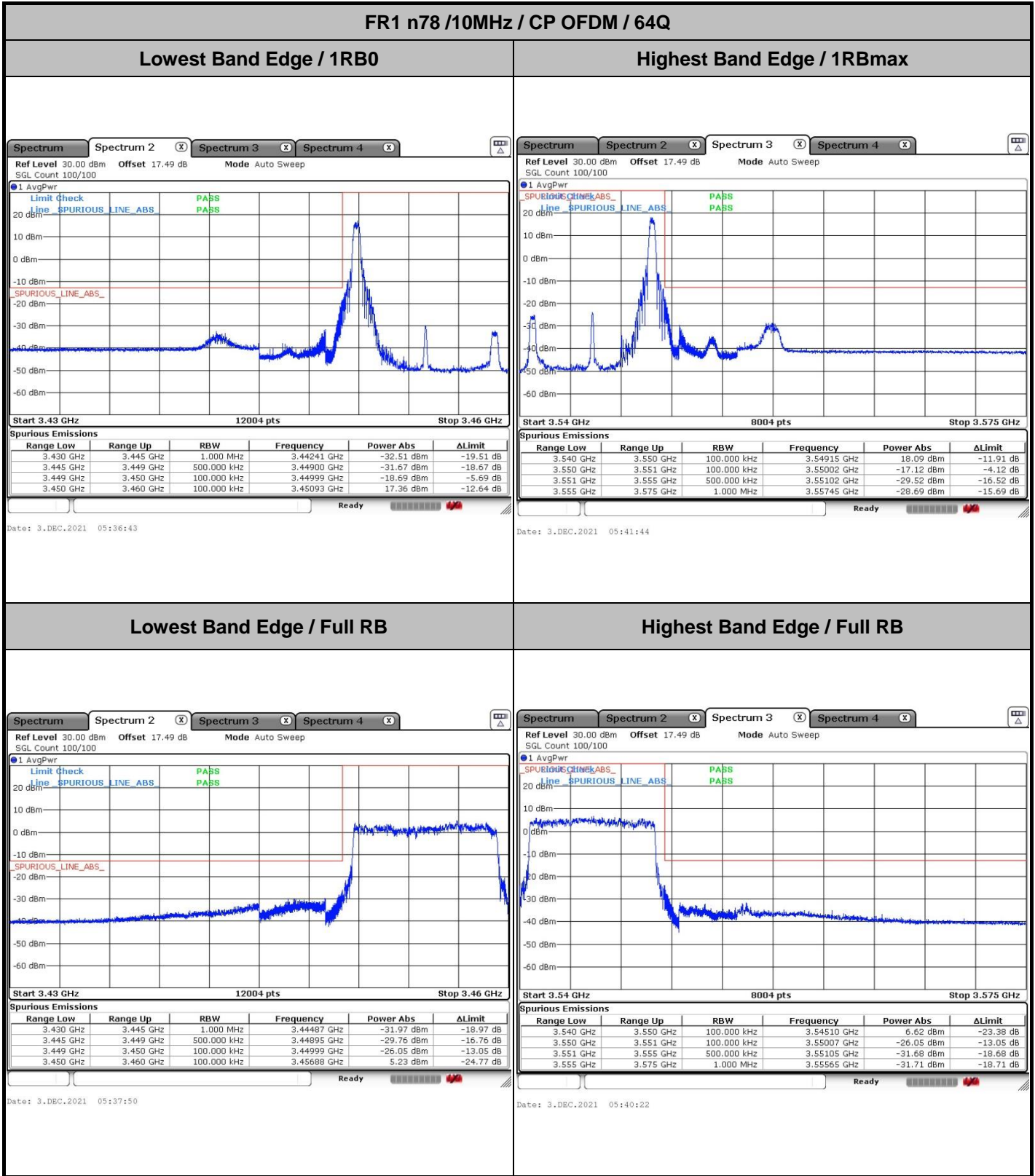




# Conducted Band Edge







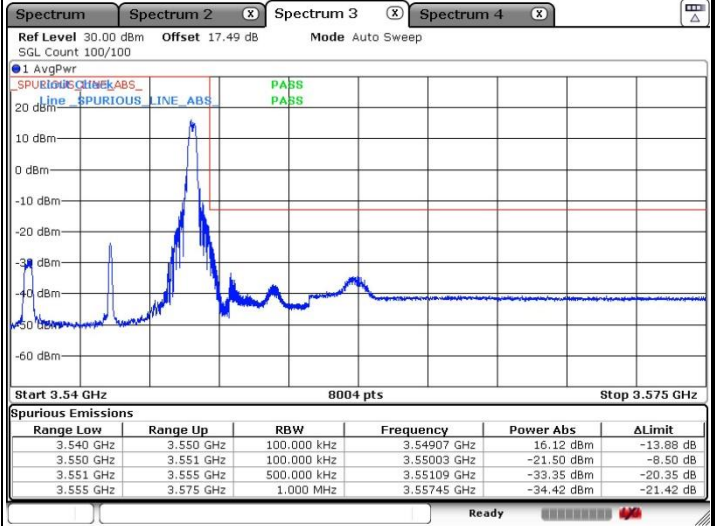
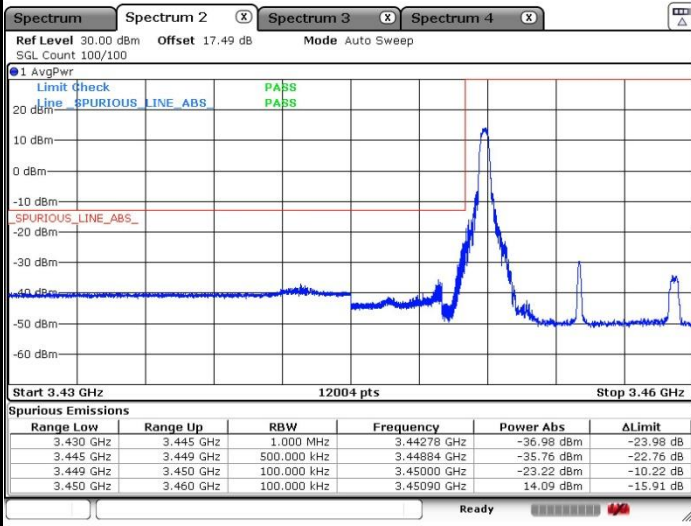




FR1 n78 /10MHz / CP OFDM / 256Q

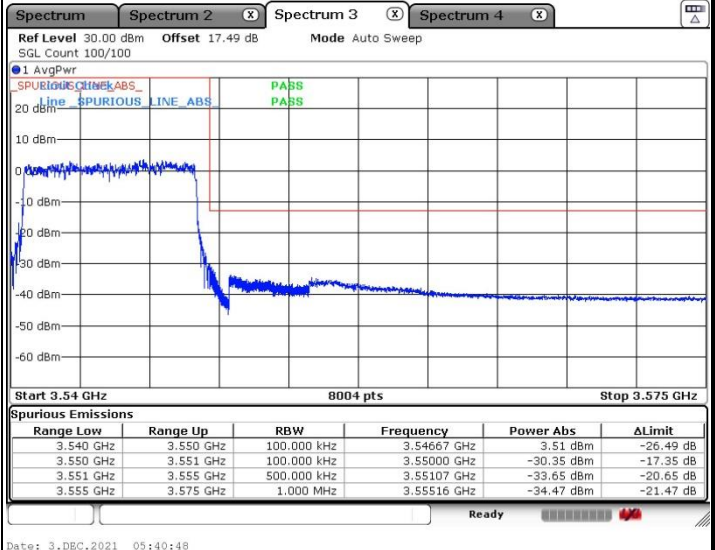
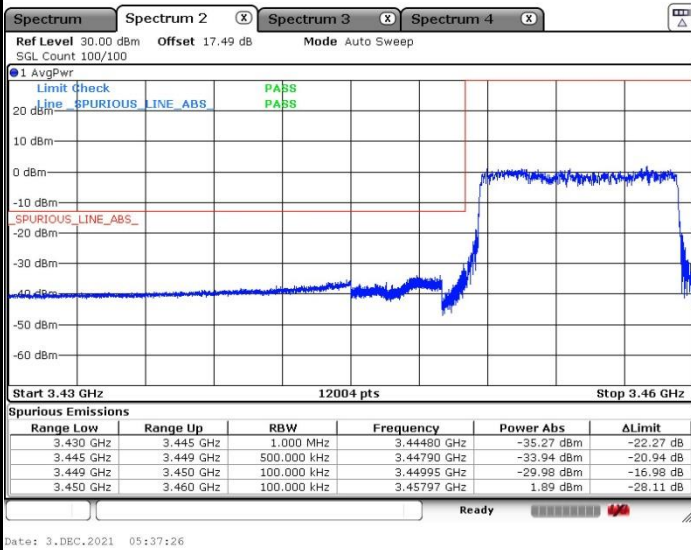
Lowest Band Edge / 1RB0

Highest Band Edge / 1RBmax



Lowest Band Edge / Full RB

Highest Band Edge / Full RB

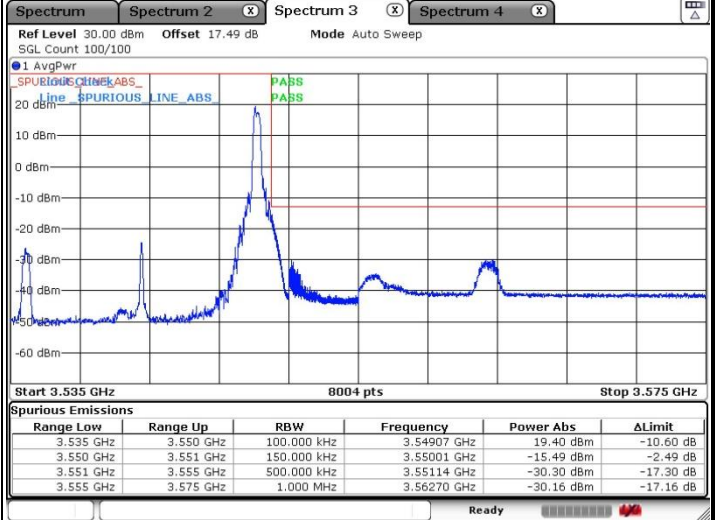
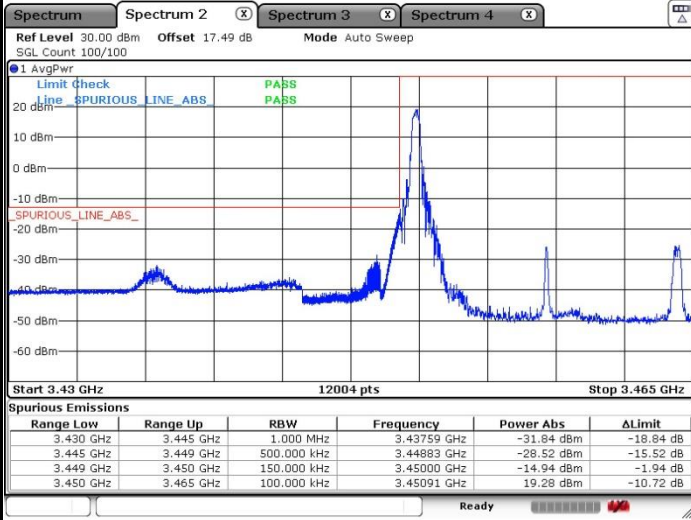




FR1 n78 / 15MHz / CP OFDM / QPSK

Lowest Band Edge / 1RB0

Highest Band Edge / 1RBmax

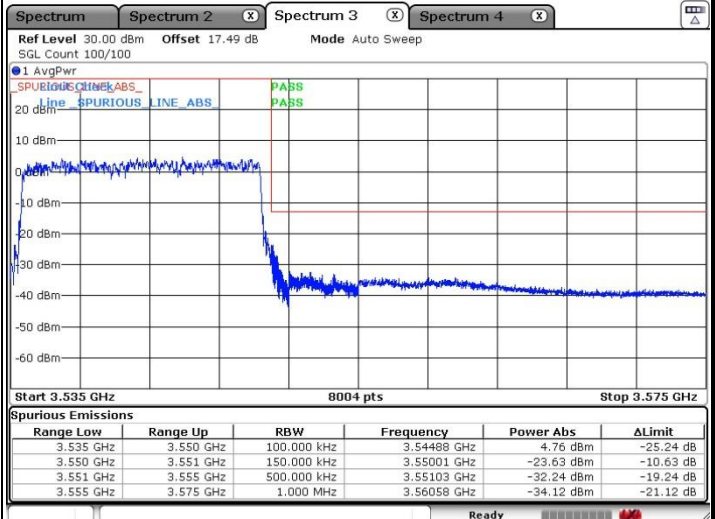
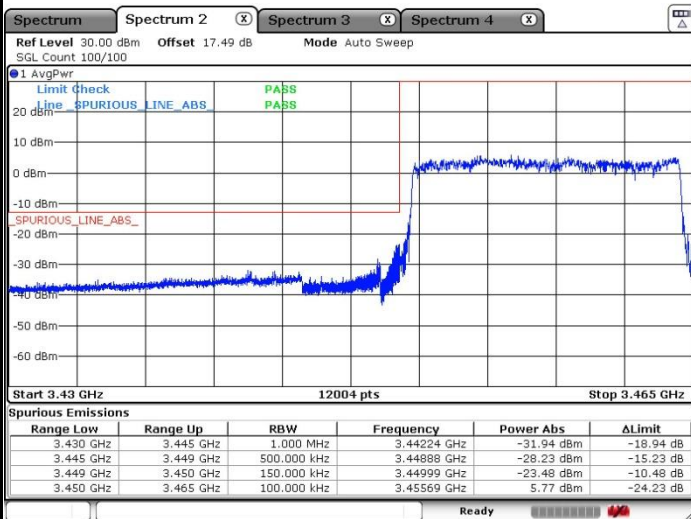


Date: 3.DEC.2021 05:18:08

Date: 3.DEC.2021 05:13:52

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 3.DEC.2021 05:22:08

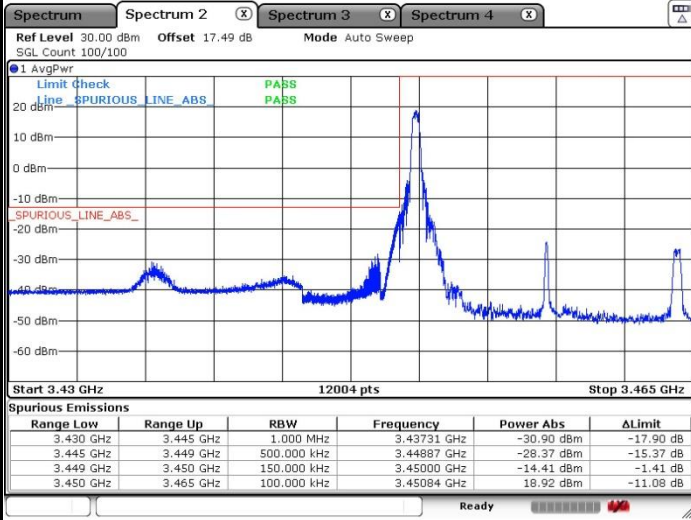
Date: 3.DEC.2021 05:09:28



FR1 n78 / 15MHz / CP OFDM / 16Q

Lowest Band Edge / 1RB0

Highest Band Edge / 1RBmax

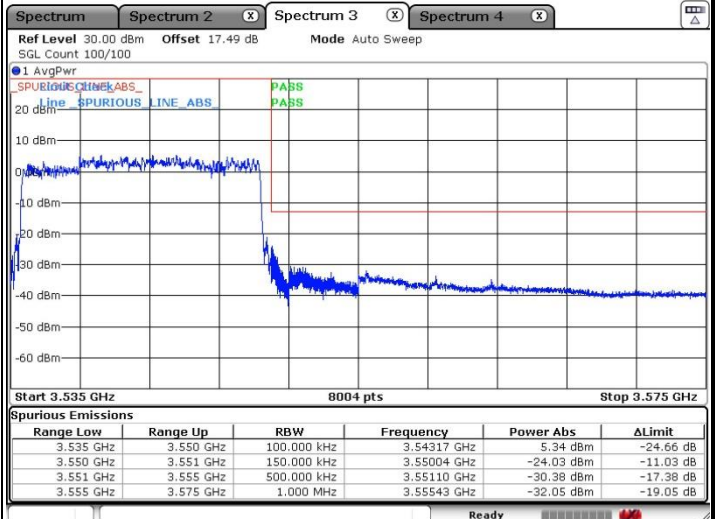
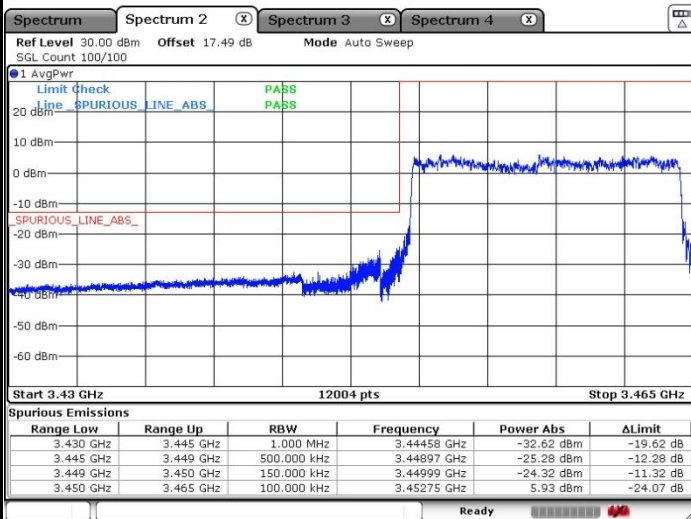


Date: 3.DEC.2021 05:19:06

Date: 3.DEC.2021 05:13:10

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 3.DEC.2021 05:21:39

Date: 3.DEC.2021 05:09:55

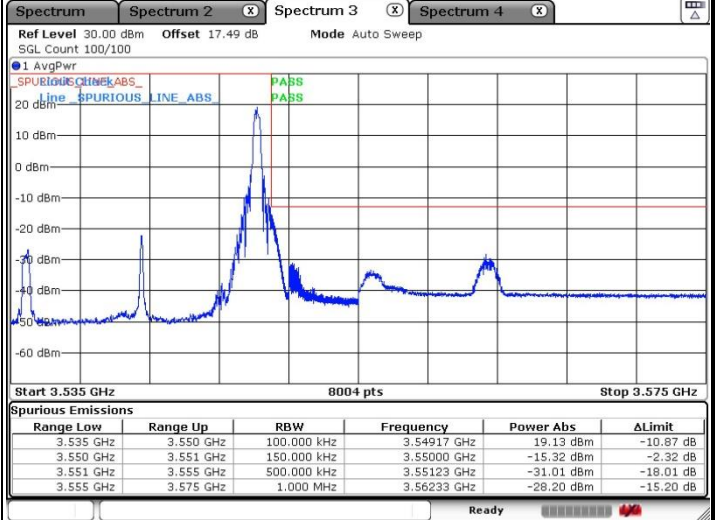
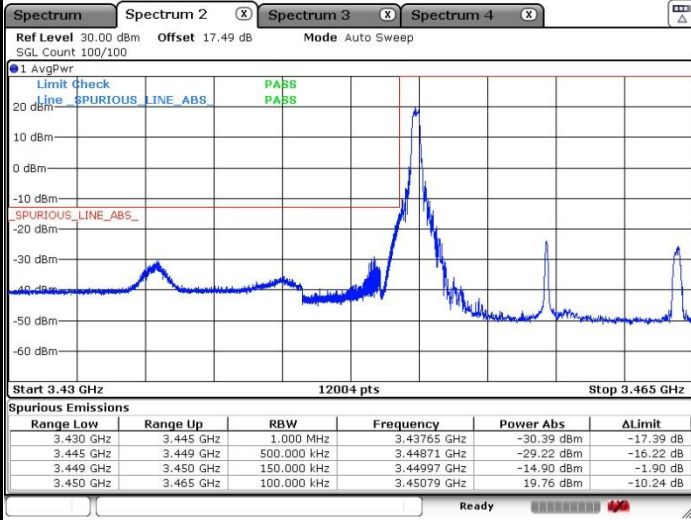




FR1 n78 /15MHz / CP OFDM / 64Q

Lowest Band Edge / 1RB0

Highest Band Edge / 1RBmax

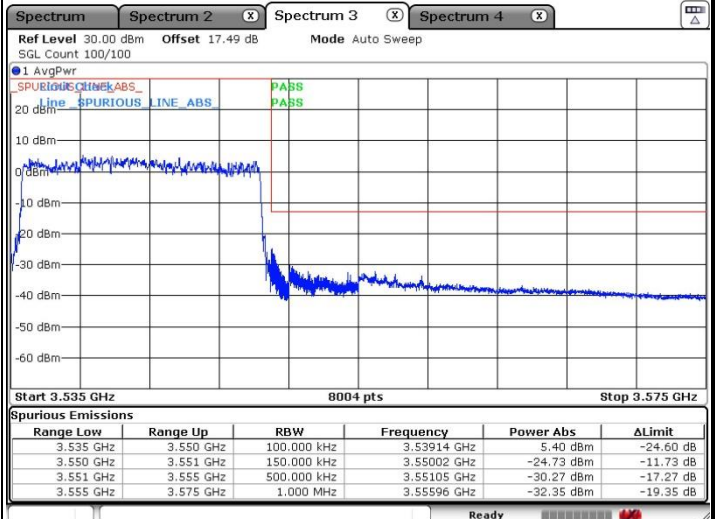
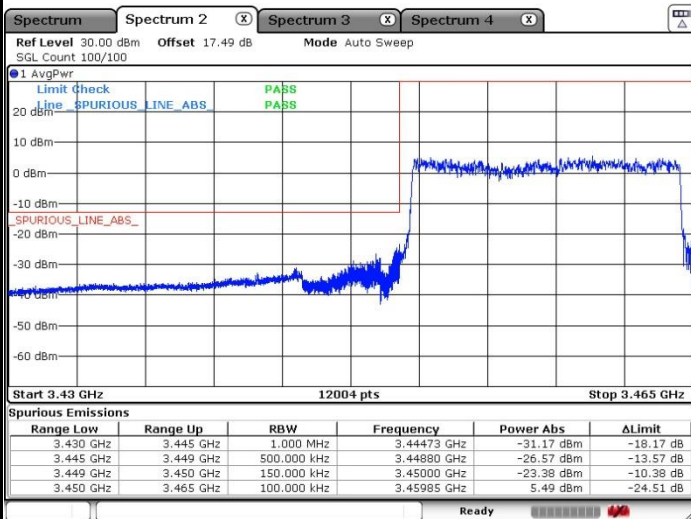


Date: 3.DEC.2021 05:19:43

Date: 3.DEC.2021 05:12:13

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 3.DEC.2021 05:21:21

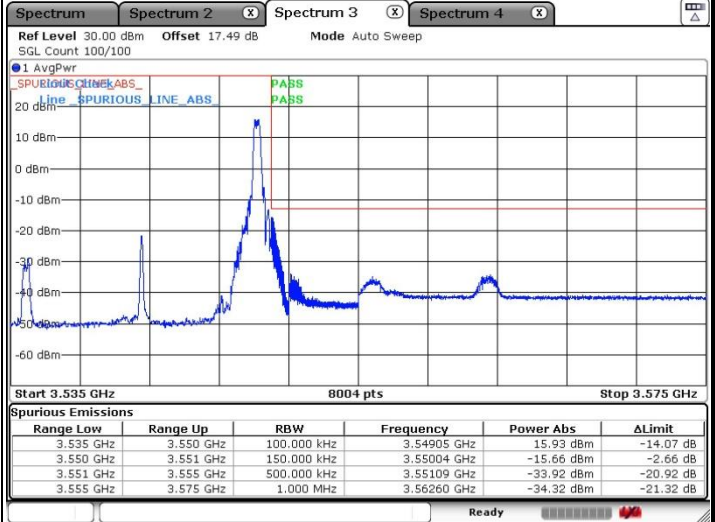
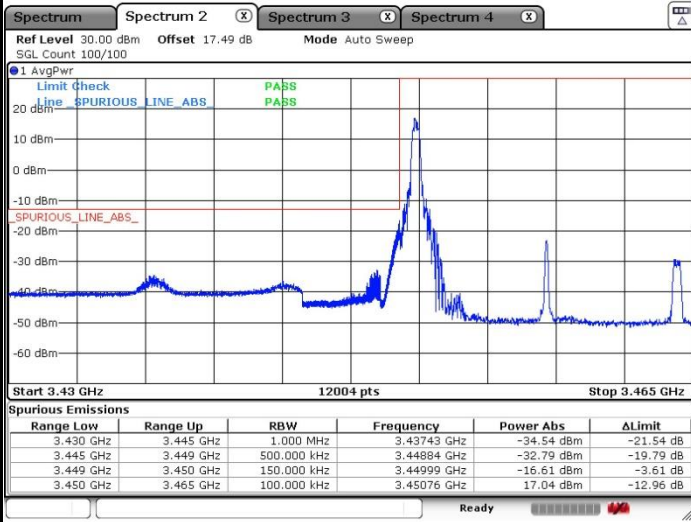
Date: 3.DEC.2021 05:10:15



FR1 n78 /15MHz / CP OFDM / 256Q

Lowest Band Edge / 1RB0

Highest Band Edge / 1RBmax

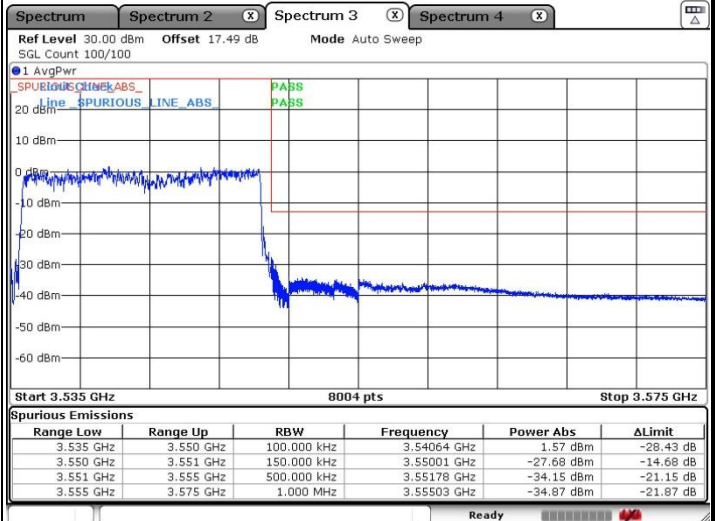
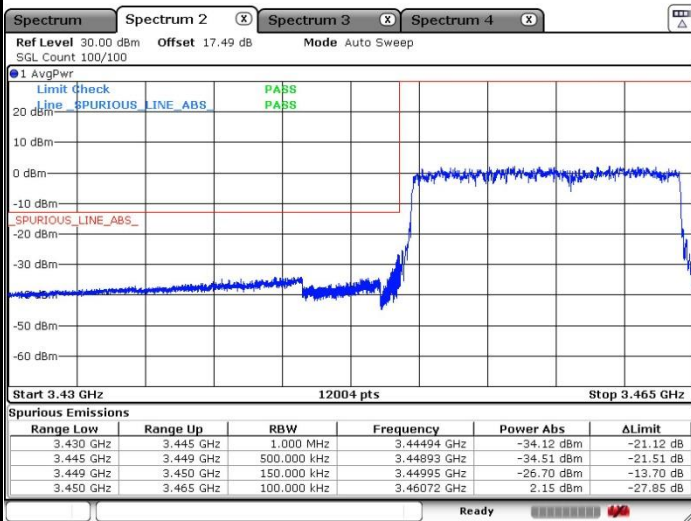


Date: 3.DEC.2021 05:20:28

Date: 3.DEC.2021 05:11:06

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 3.DEC.2021 05:20:56

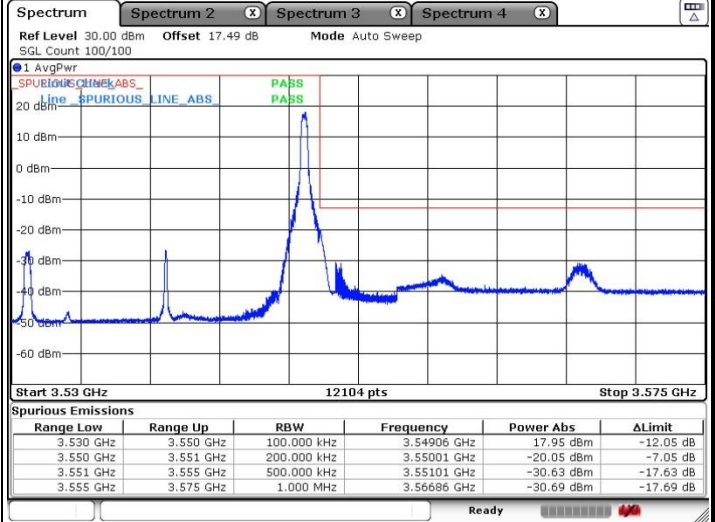
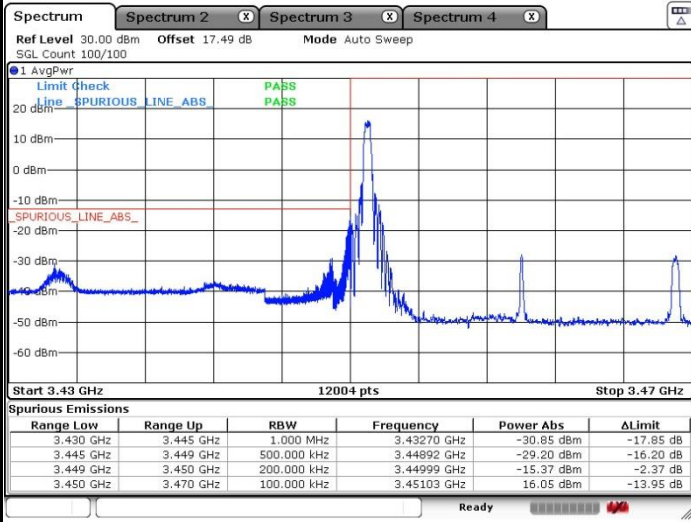
Date: 3.DEC.2021 05:10:41



FR1 n78 / 20MHz / CP OFDM / QPSK

Lowest Band Edge / 1RB0

Highest Band Edge / 1RBmax

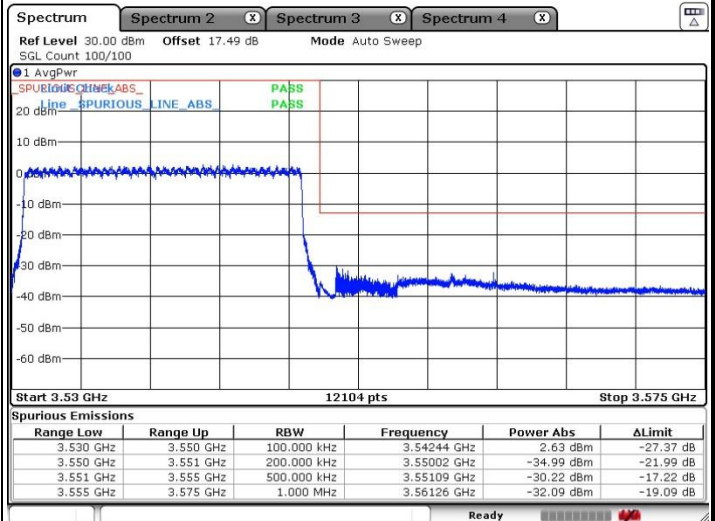
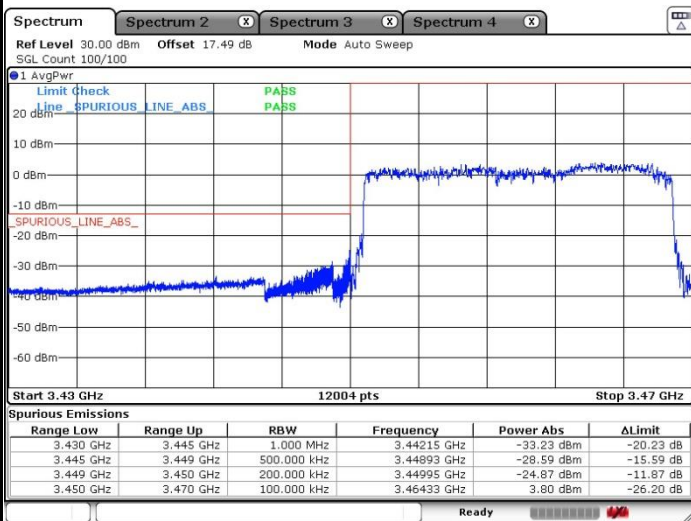


Date: 29.NOV.2021 18:47:43

Date: 29.NOV.2021 18:56:58

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 29.NOV.2021 18:51:01

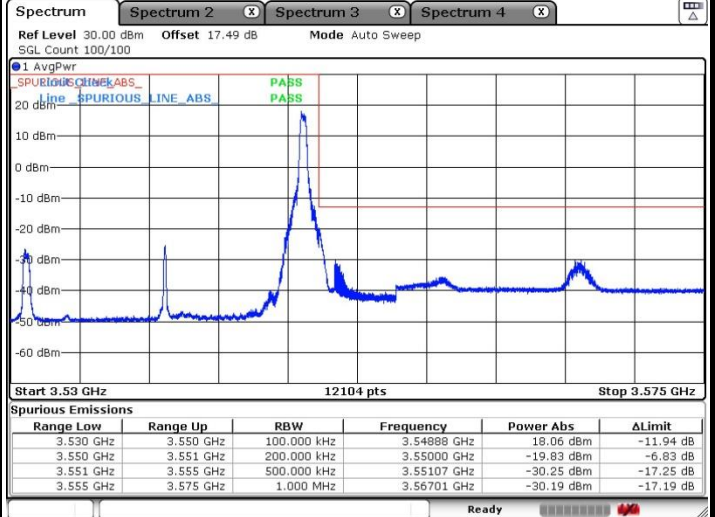
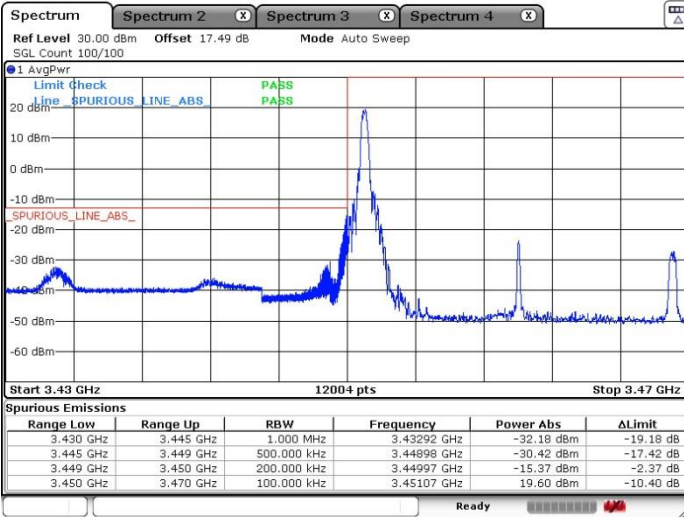
Date: 29.NOV.2021 18:52:07



FR1 n78 / 20MHz / CP OFDM / 16Q

Lowest Band Edge / 1RB0

Highest Band Edge / 1RBmax

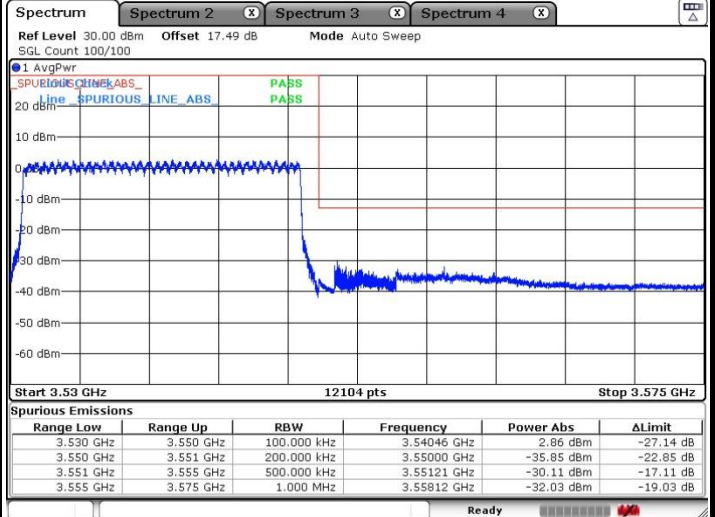
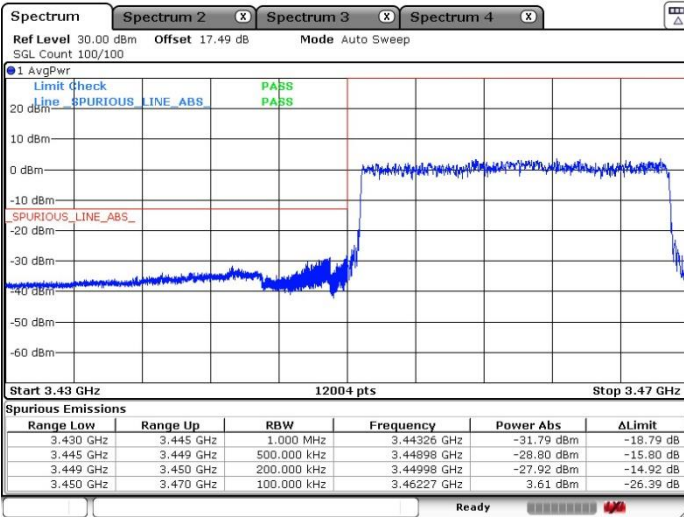


Date: 29.NOV.2021 18:48:11

Date: 29.NOV.2021 18:56:18

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 29.NOV.2021 18:50:33

Date: 29.NOV.2021 18:52:47

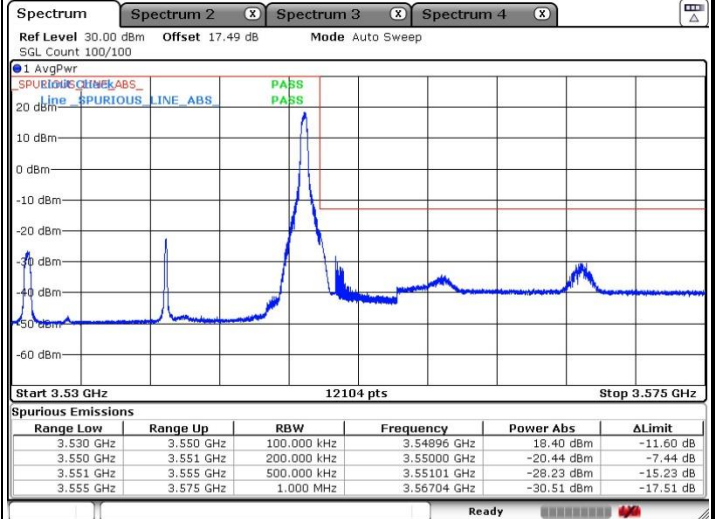
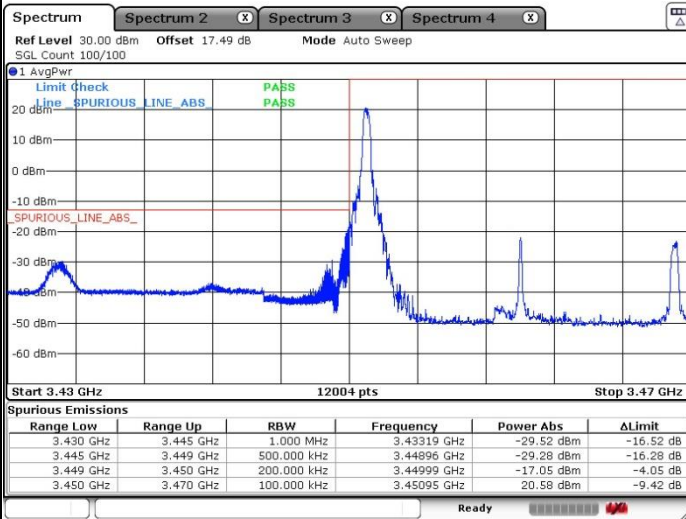




FR1 n78 /20MHz / CP OFDM / 64Q

Lowest Band Edge / 1RB0

Highest Band Edge / 1RBmax

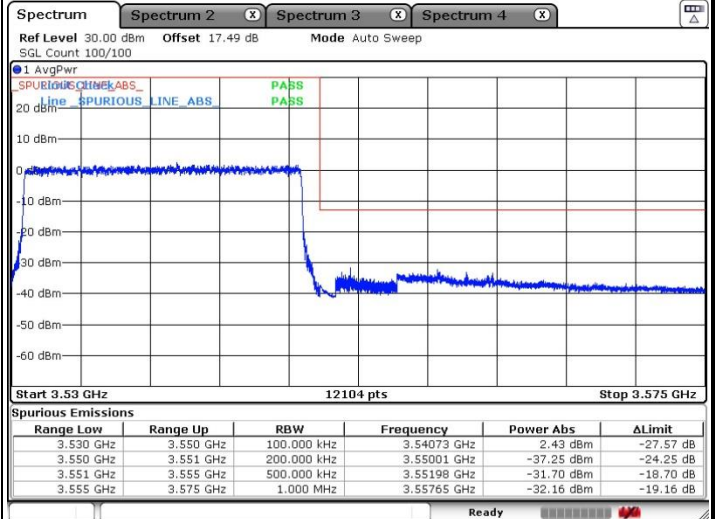
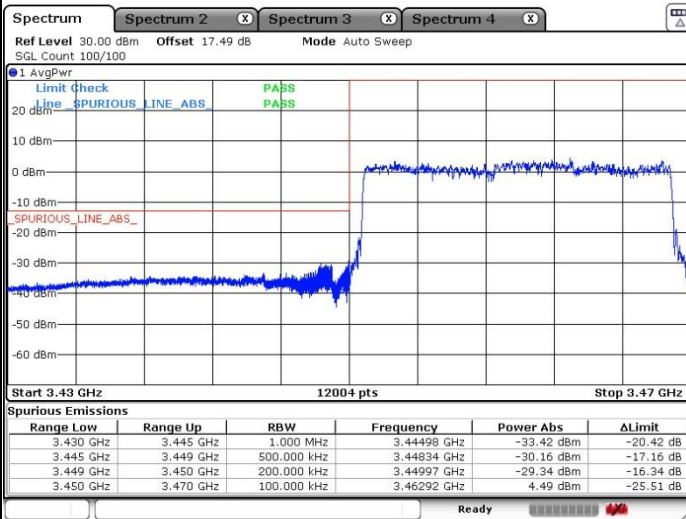


Date: 29.NOV.2021 18:48:29

Date: 29.NOV.2021 18:55:41

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 29.NOV.2021 18:50:12

Date: 29.NOV.2021 18:53:24