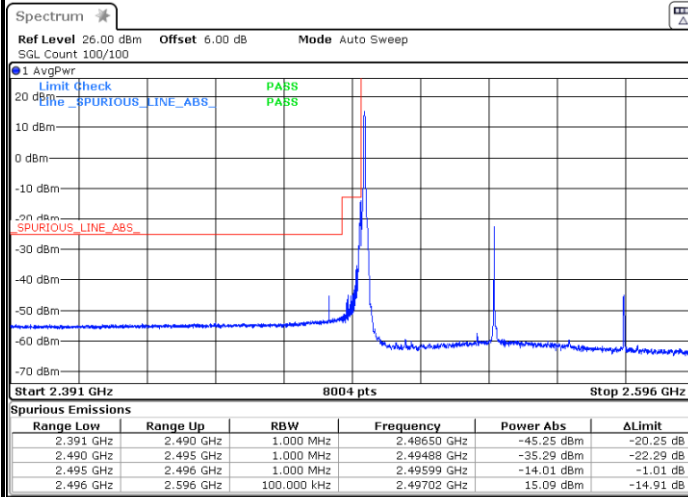




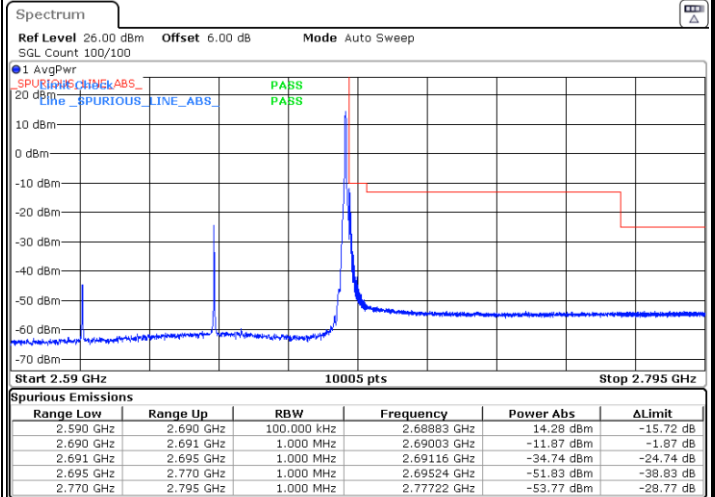
FR1 n41 / 80MHz / DFT-S OFDM / 64Q

Lowest Band Edge / 1RB0



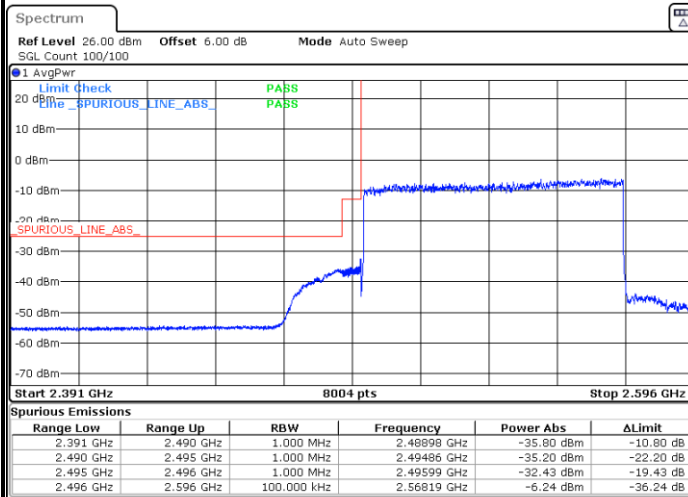
Date: 1.MAR.2022 18:32:13

Highest Band Edge / 1RB24



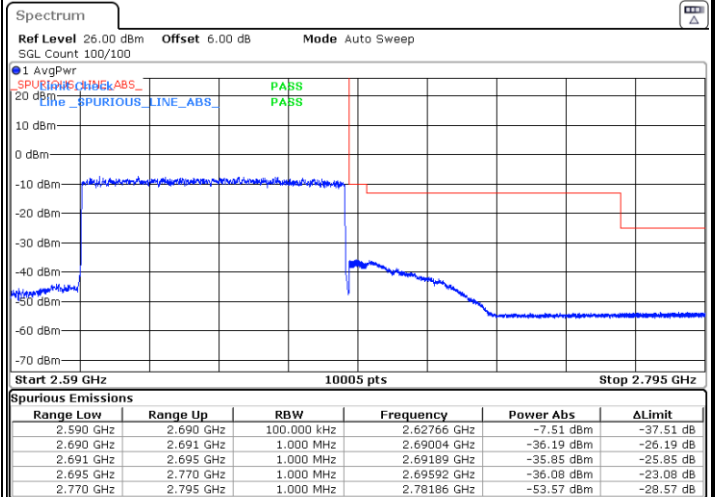
Date: 1.MAR.2022 18:53:50

Lowest Band Edge / Full RB



Date: 1.MAR.2022 17:59:16

Highest Band Edge / Full RB

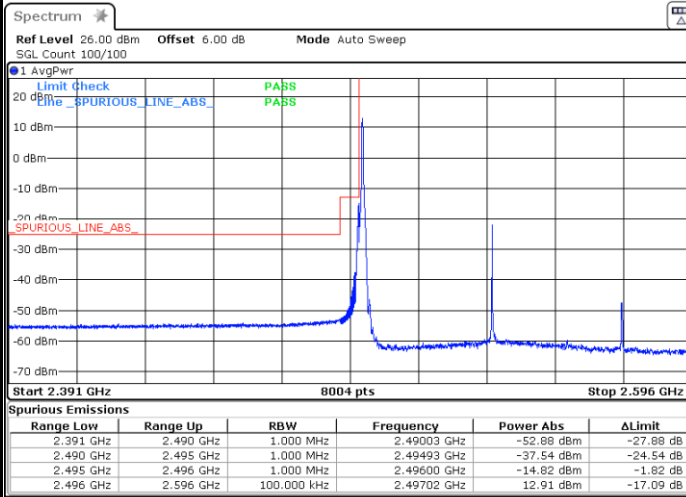


Date: 1.MAR.2022 19:05:57



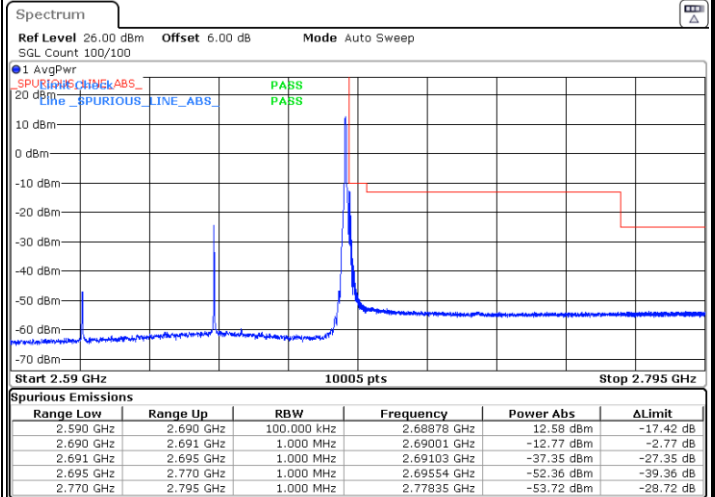
FR1 n41 / 80MHz / DFT-S OFDM / 256Q

Lowest Band Edge / 1RB0



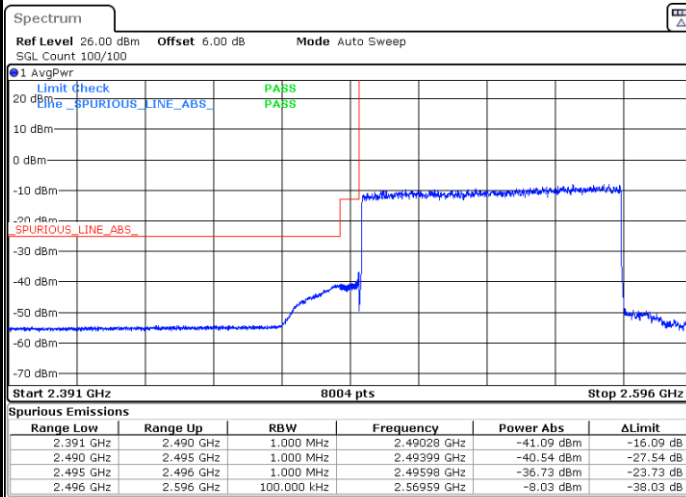
Date: 1.MAR.2022 18:33:57

Highest Band Edge / 1RB24



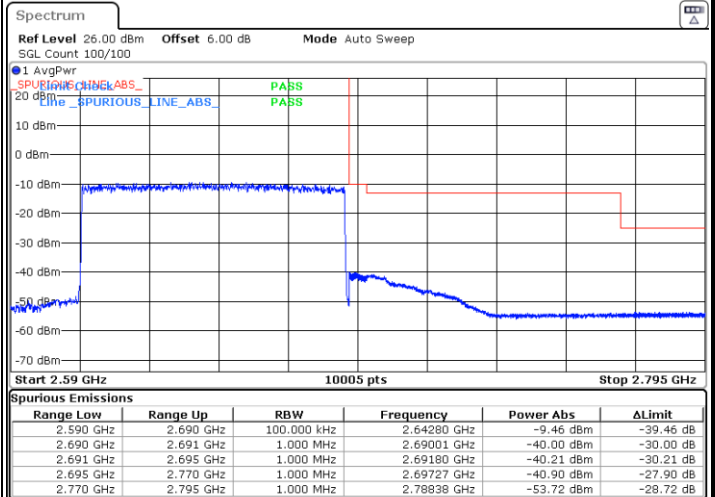
Date: 1.MAR.2022 18:55:16

Lowest Band Edge / Full RB



Date: 1.MAR.2022 18:00:37

Highest Band Edge / Full RB



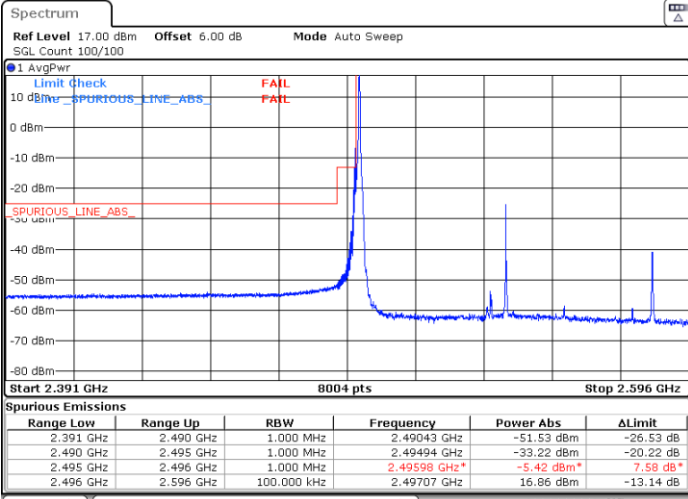
Date: 1.MAR.2022 19:07:21



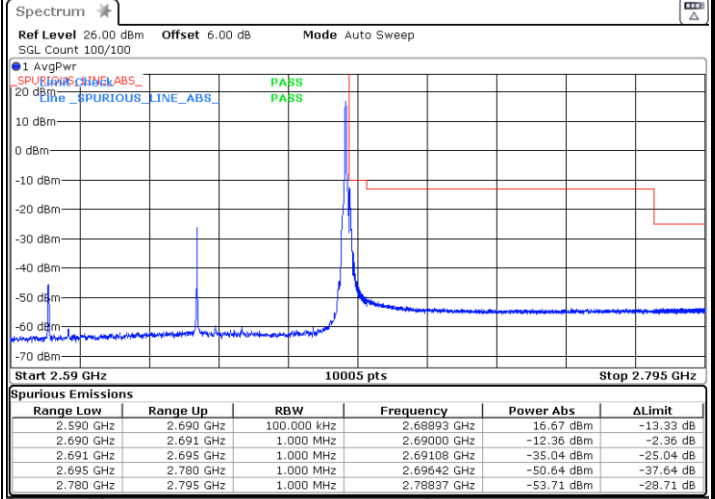
FR1 n41 / 90MHz / DFT-S OFDM / PI/2 BPSK

Lowest Band Edge / 1RB0

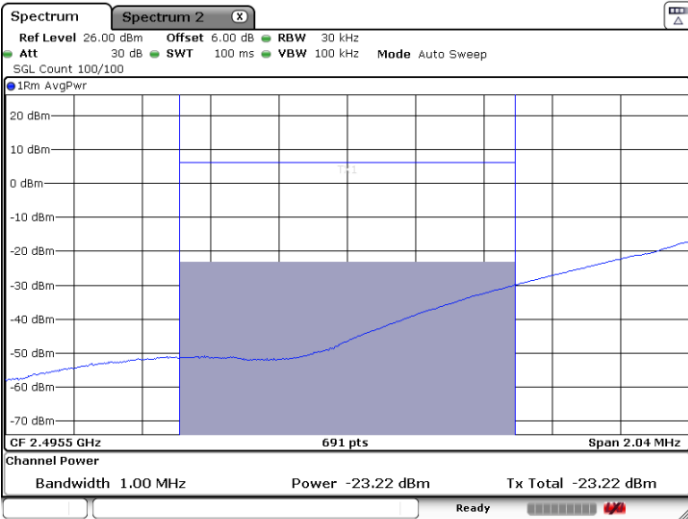
Highest Band Edge / 1RBmax



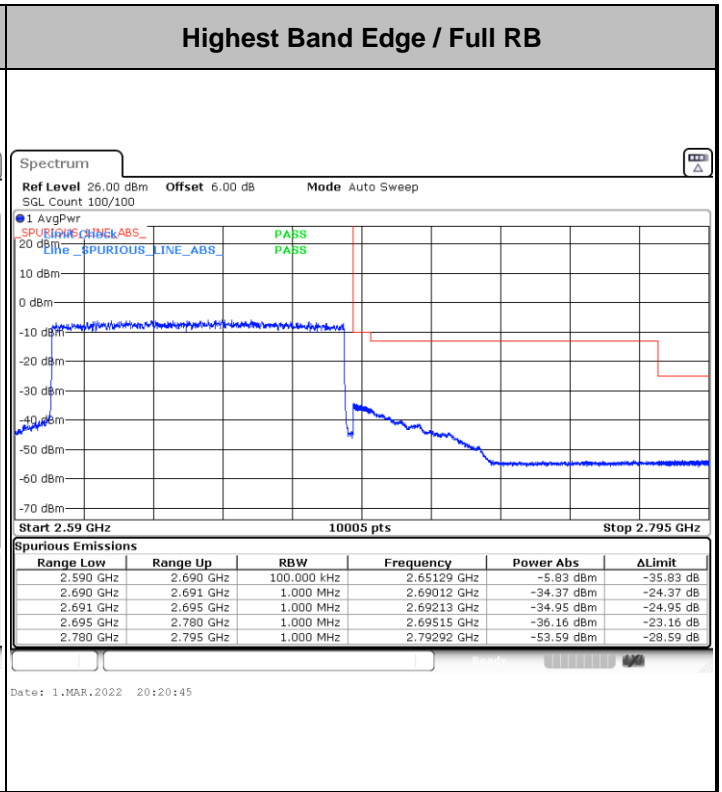
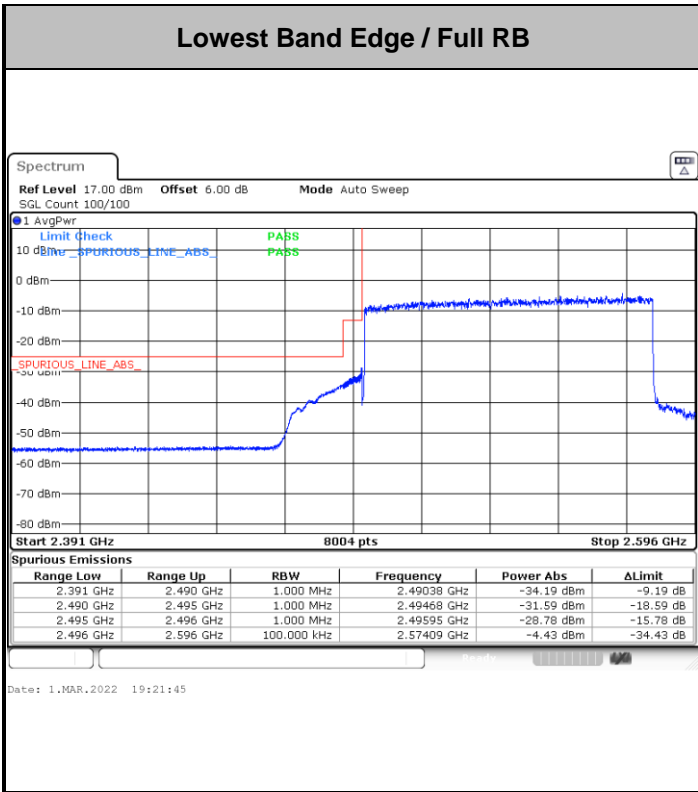
Date: 1.MAR.2022 19:35:04



Date: 1.MAR.2022 19:51:36



Date: 2.MAR.2022 10:56:15

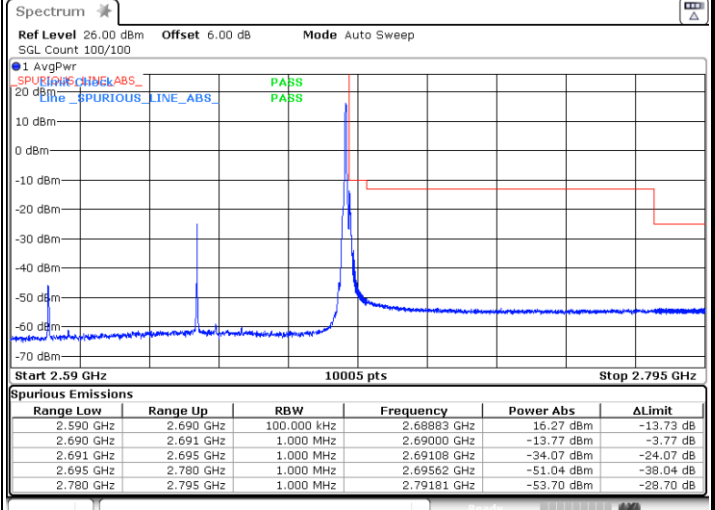
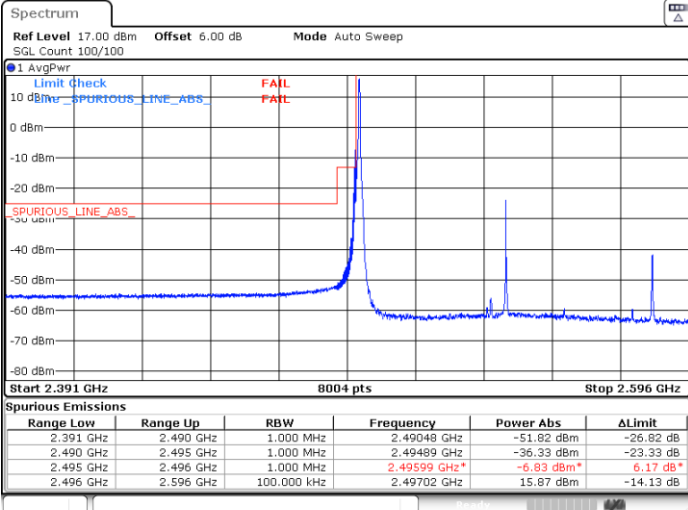




FR1 n41 / 90MHz / DFT-S OFDM / QPSK

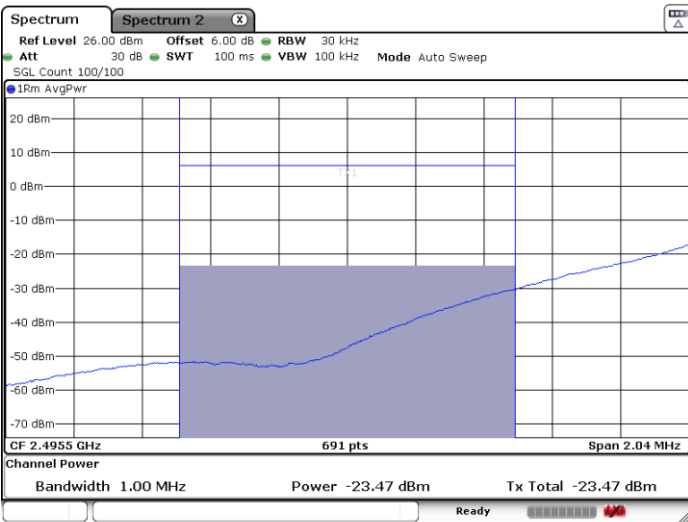
Lowest Band Edge / 1RB0

Highest Band Edge / 1RBmax

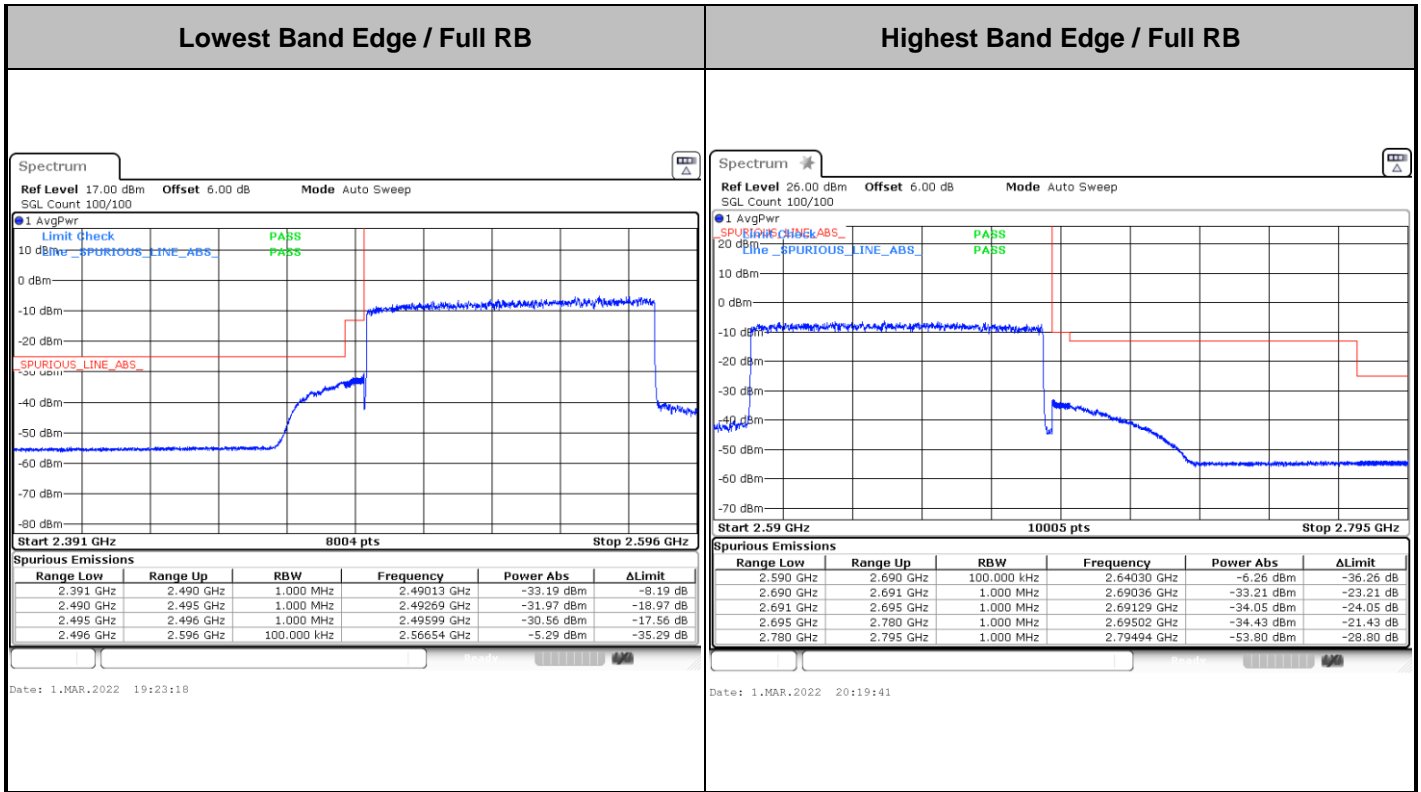


Date: 1.MAR.2022 19:35:49

Date: 1.MAR.2022 19:53:23



Date: 2.MAR.2022 10:57:03

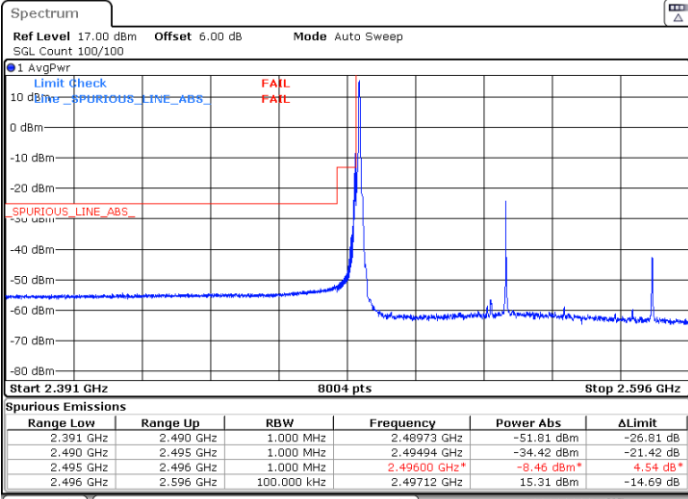




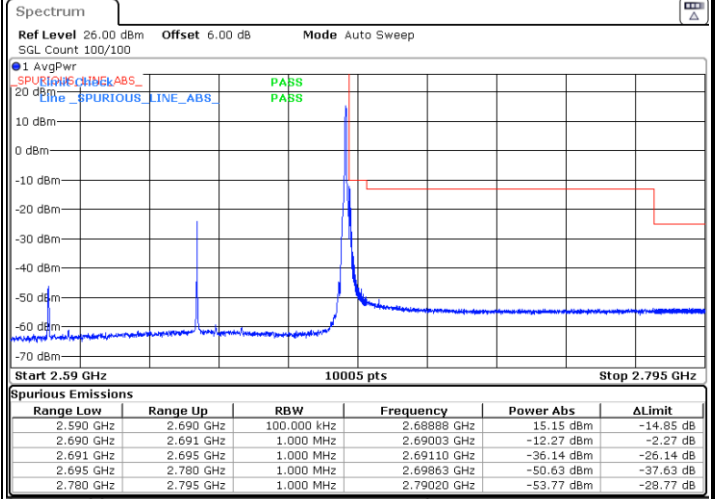
FR1 n41 / 90MHz / DFT-S OFDM / 16Q

Lowest Band Edge / 1RB0

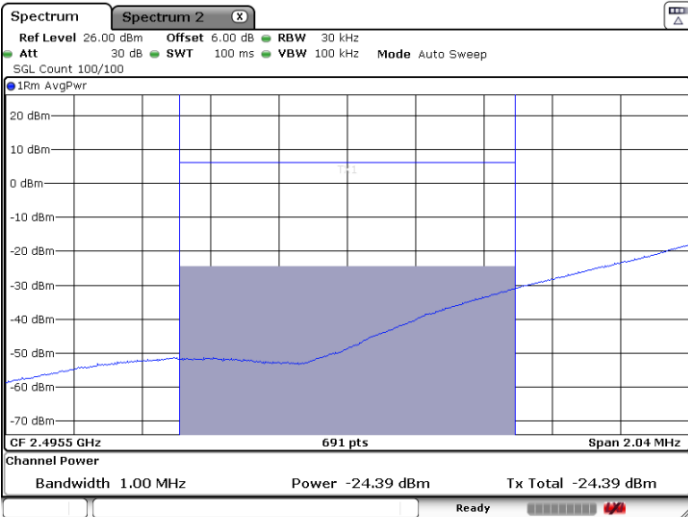
Highest Band Edge / 1RBmax



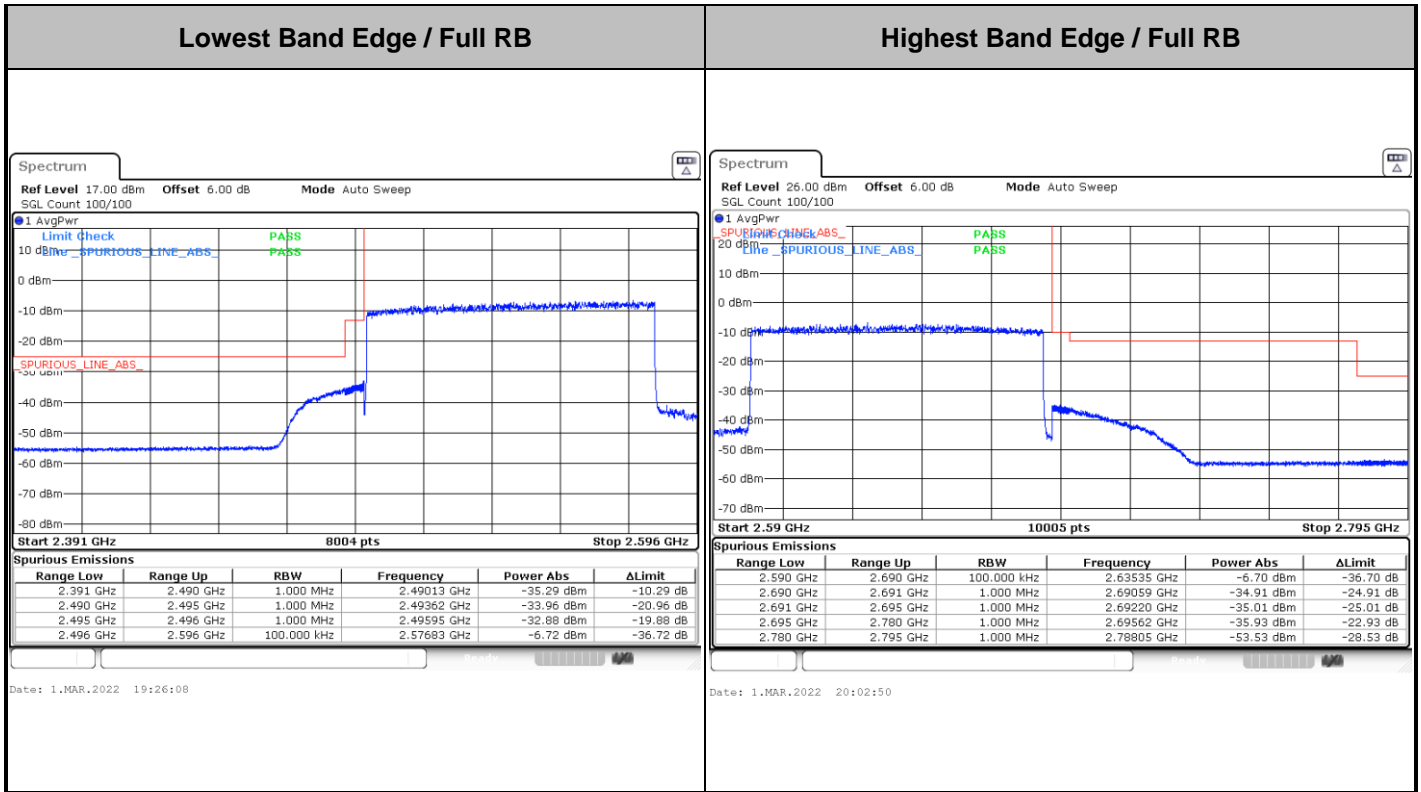
Date: 1.MAR.2022 19:33:46



Date: 1.MAR.2022 19:55:03



Date: 2.MAR.2022 10:57:48



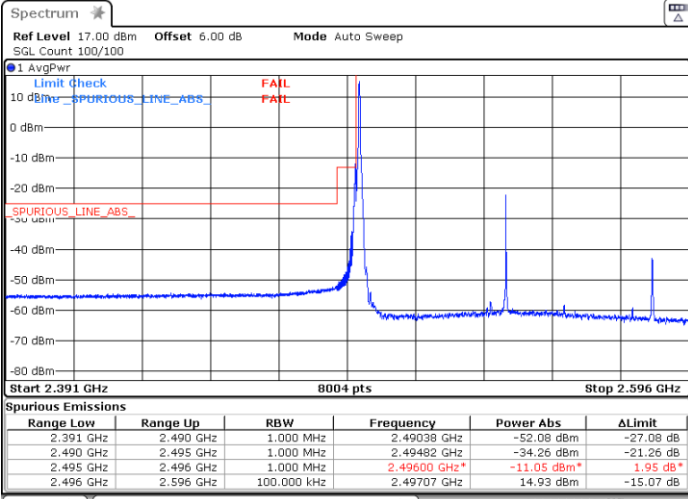




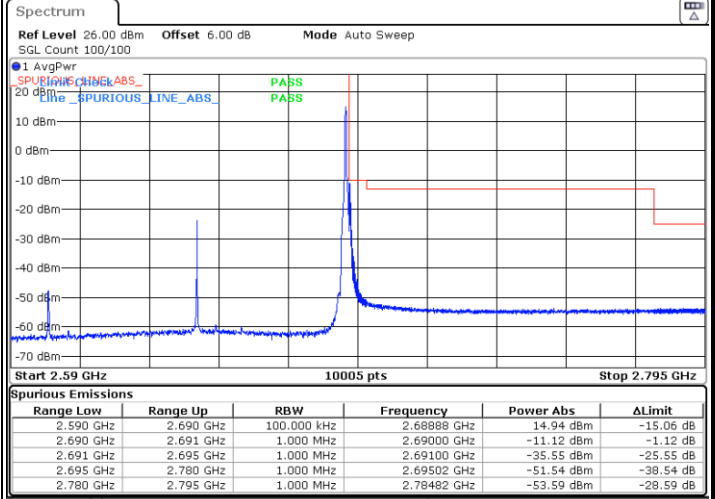
FR1 n41 / 90MHz / DFT-S OFDM / 64Q

Lowest Band Edge / 1RB0

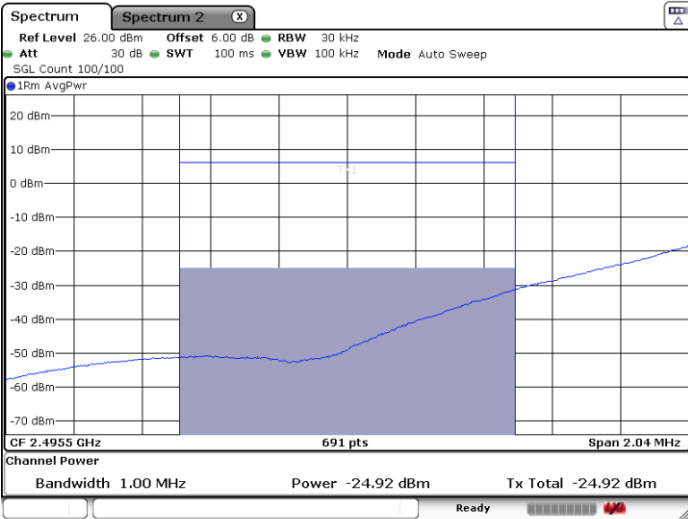
Highest Band Edge / 1RB24



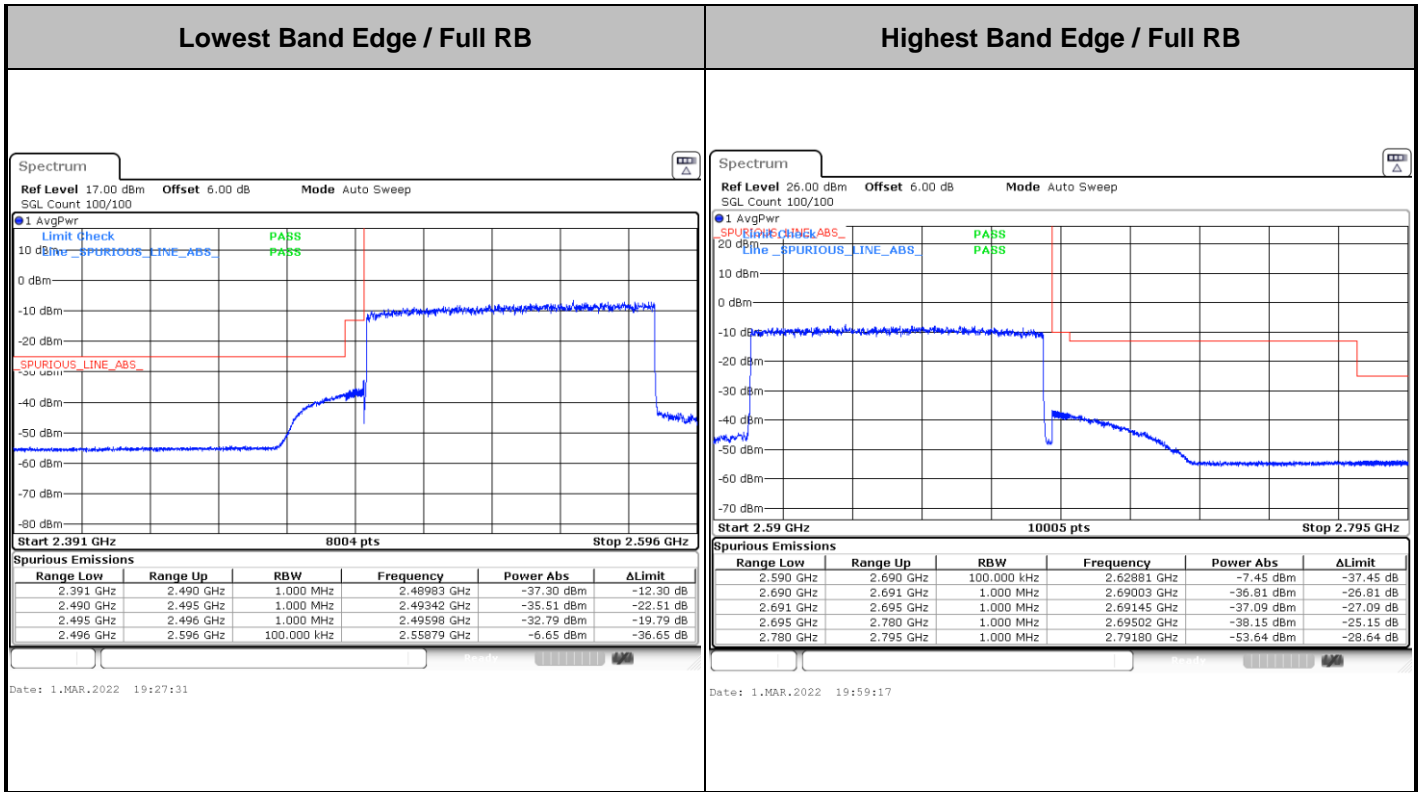
Date: 1.MAR.2022 19:32:56



Date: 1.MAR.2022 19:56:34



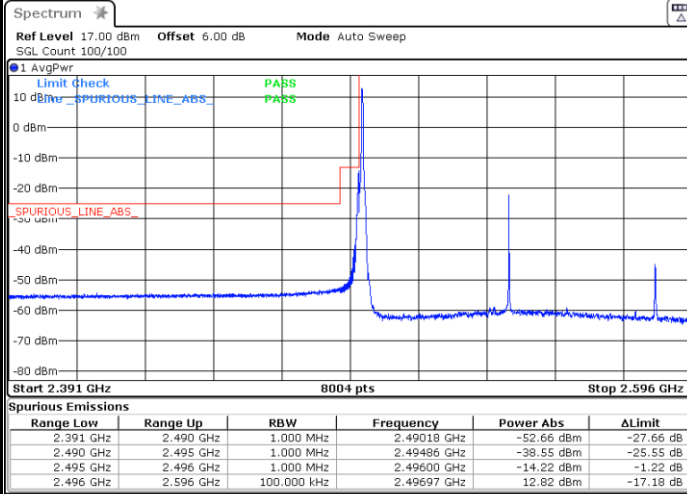
Date: 2.MAR.2022 10:58:46





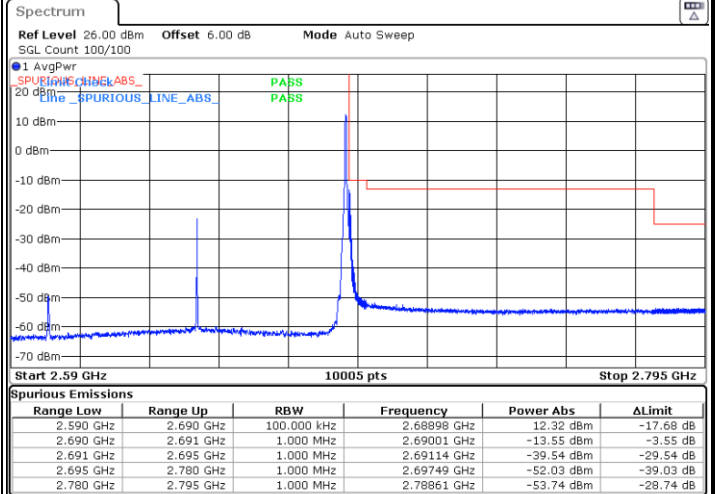
FR1 n41 / 90MHz / DFT-S OFDM / 256Q

Lowest Band Edge / 1RB0



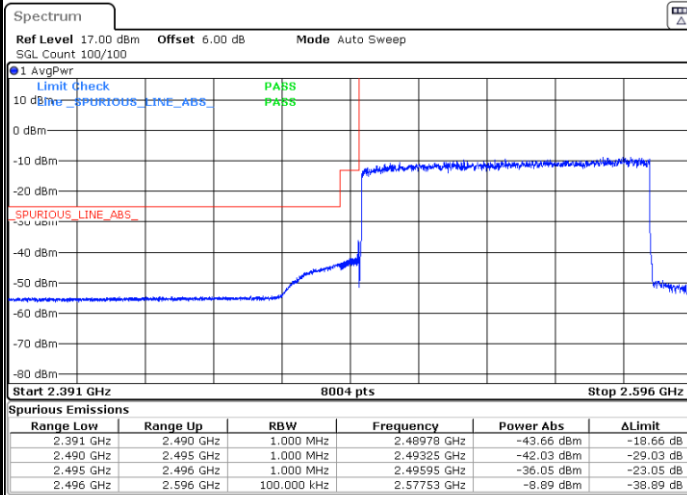
Date: 1.MAR.2022 19:30:53

Highest Band Edge / 1RB24



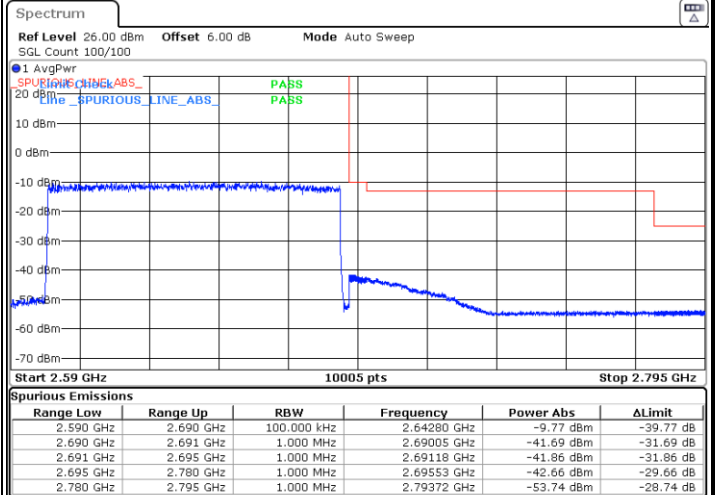
Date: 1.MAR.2022 19:57:28

Lowest Band Edge / Full RB



Date: 1.MAR.2022 19:29:02

Highest Band Edge / Full RB



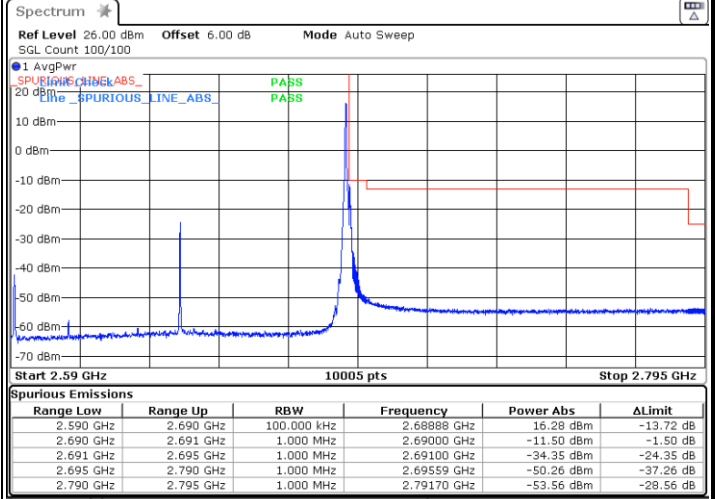
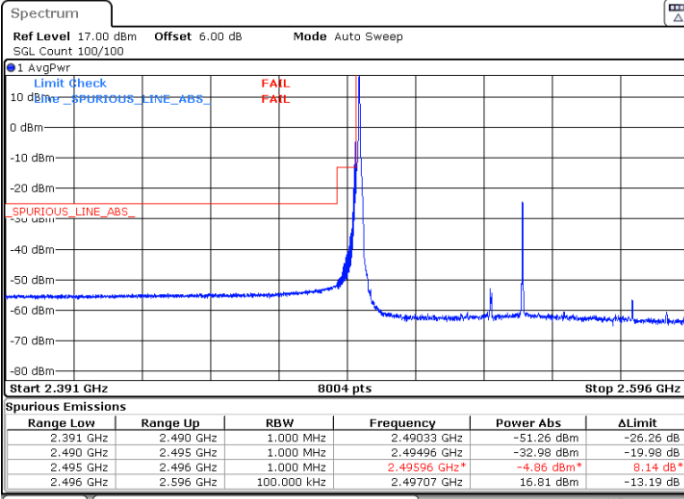
Date: 1.MAR.2022 19:58:36



FR1 n41 / 100MHz / DFT-S OFDM / PI/2 BPSK

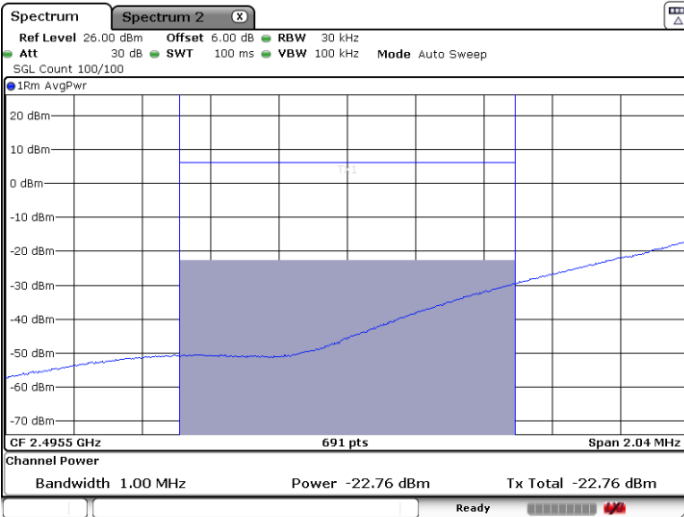
Lowest Band Edge / 1RB0

Highest Band Edge / 1RBmax

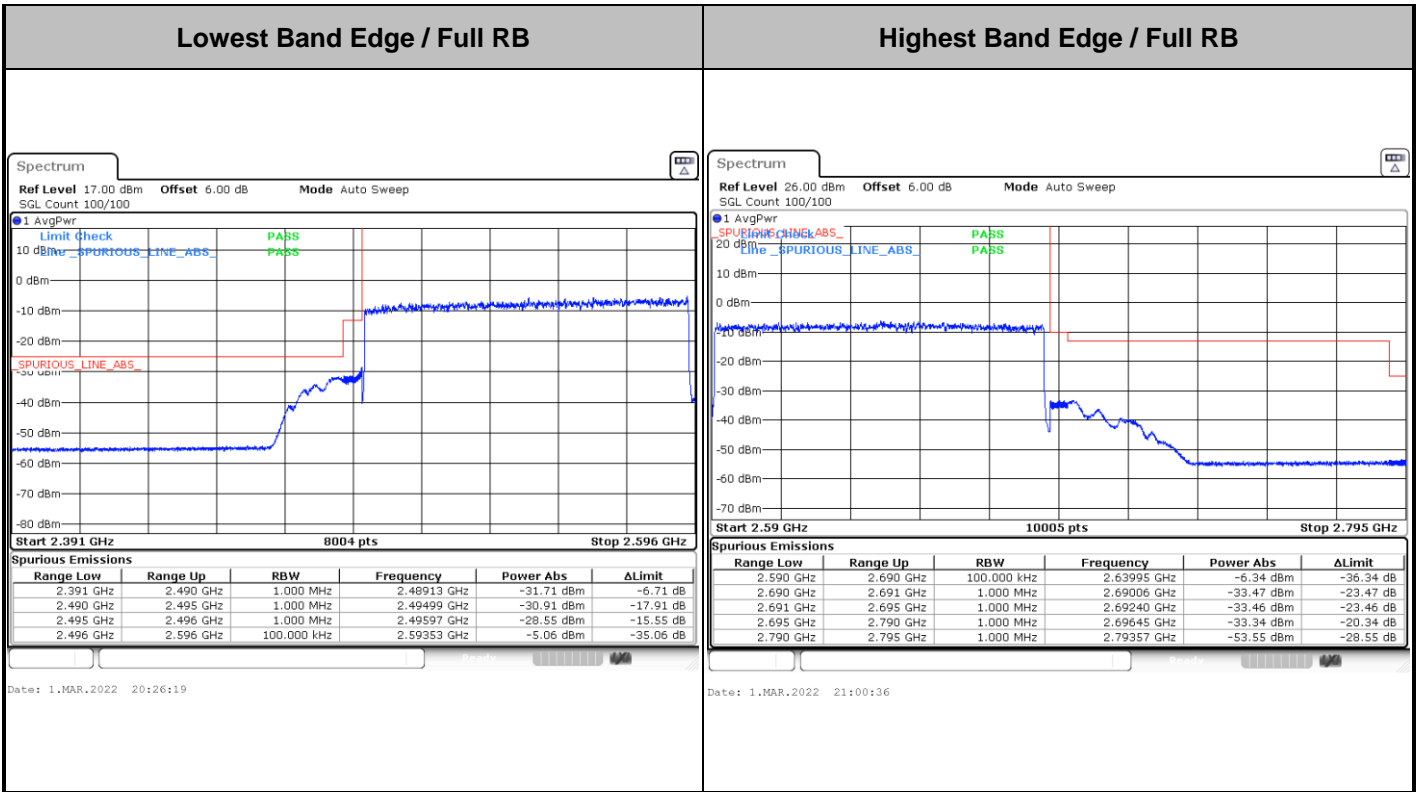


Date: 1.MAR.2022 20:37:37

Date: 1.MAR.2022 20:47:20



Date: 2.MAR.2022 11:00:40

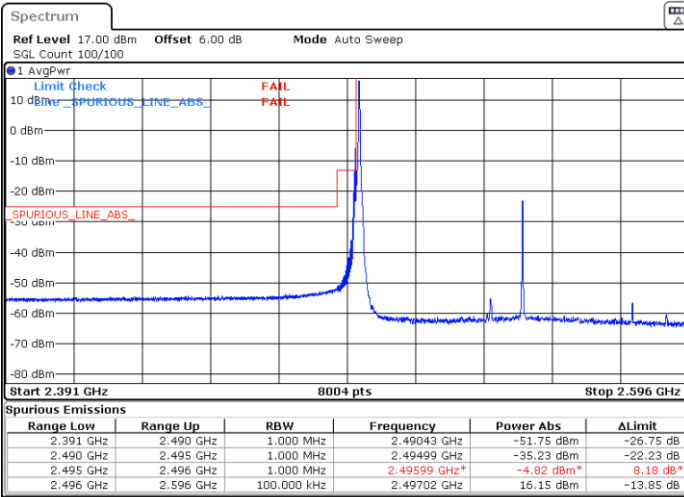




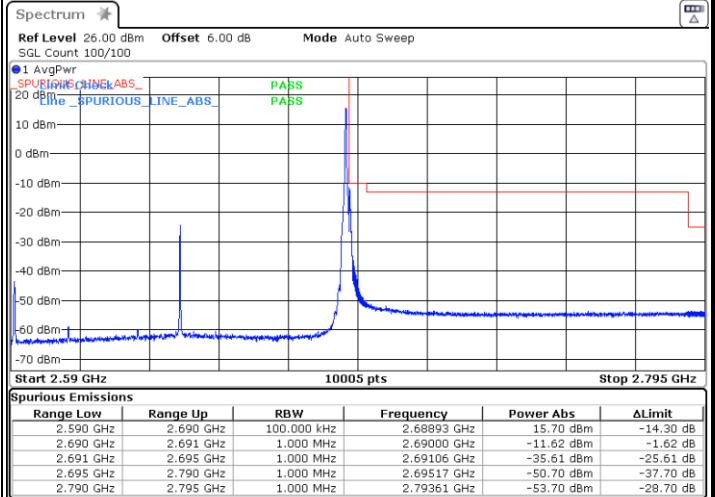
FR1 n41 / 100MHz / DFT-S OFDM / QPSK

Lowest Band Edge / 1RB0

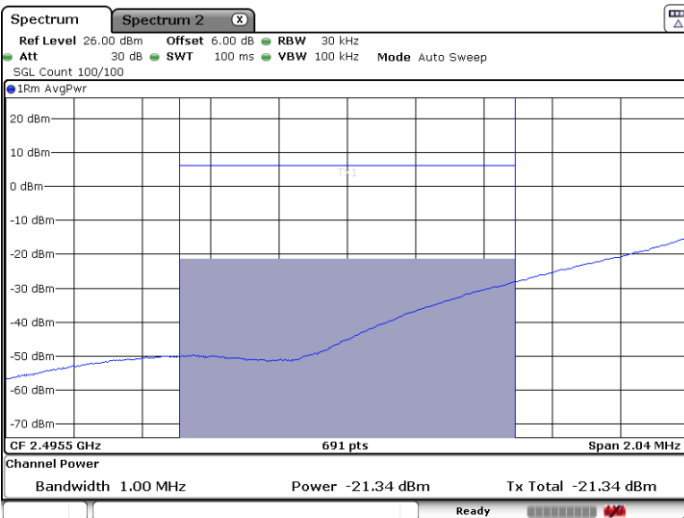
Highest Band Edge / 1RBmax



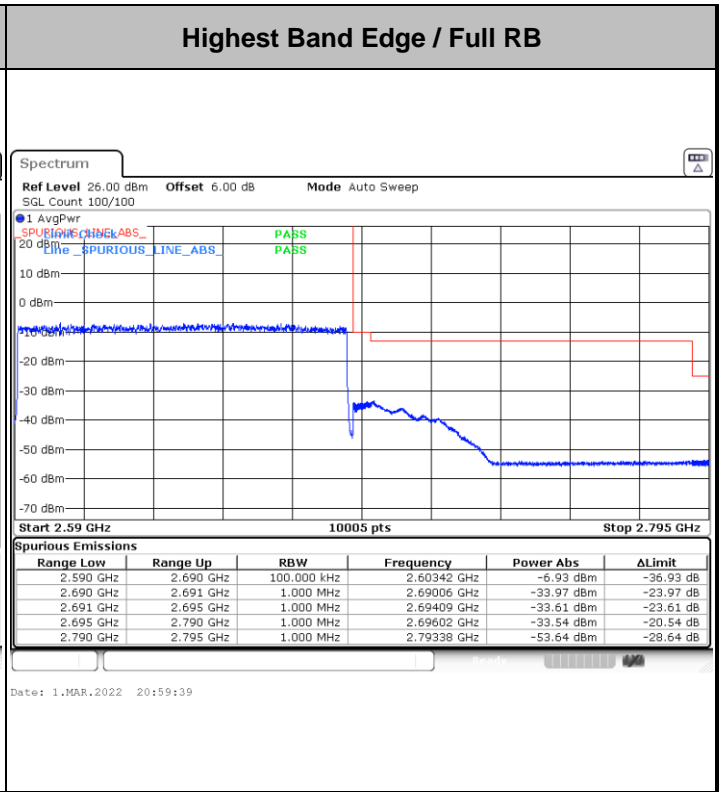
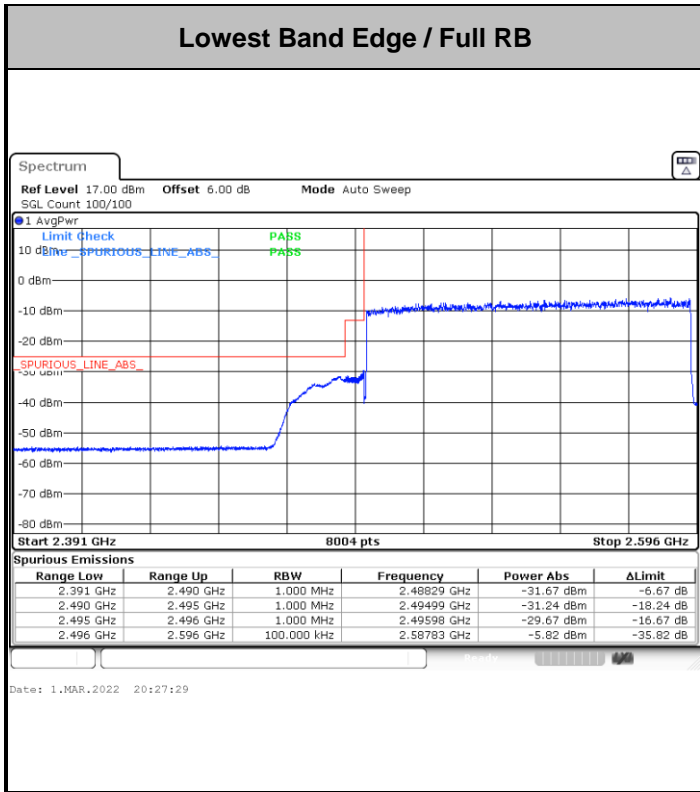
Date: 1.MAR.2022 20:38:17



Date: 1.MAR.2022 20:49:35



Date: 2.MAR.2022 11:01:38

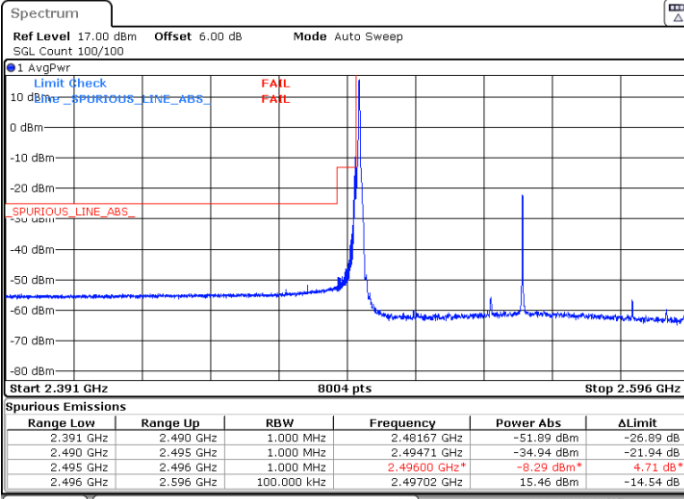




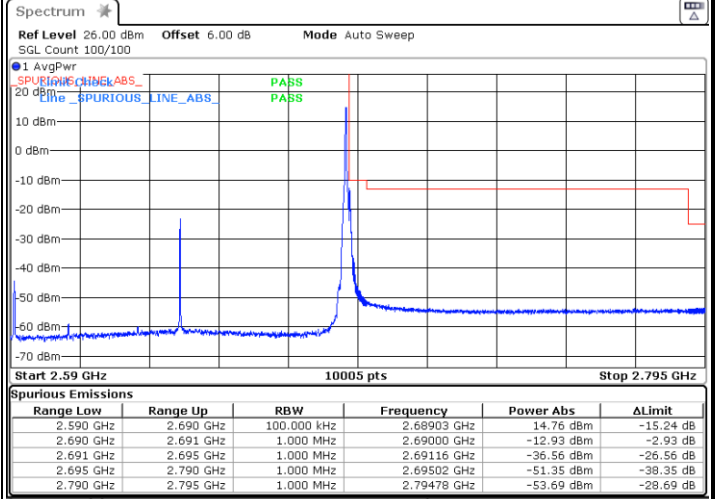
FR1 n41 / 100MHz / DFT-S OFDM / 16Q

Lowest Band Edge / 1RB0

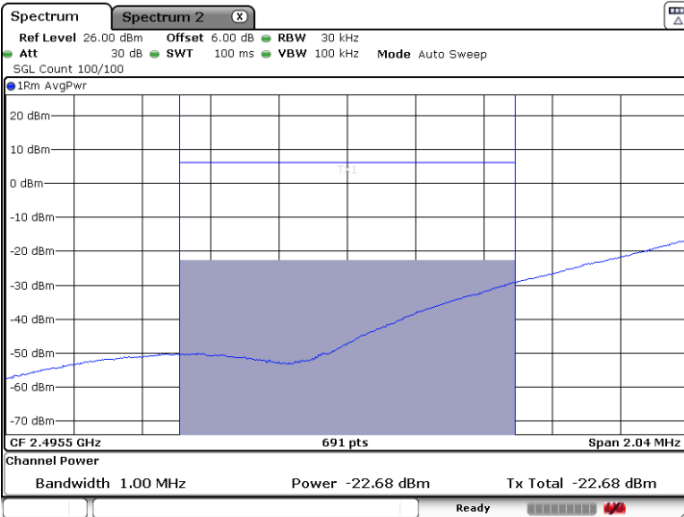
Highest Band Edge / 1RBmax



Date: 1.MAR.2022 20:37:01

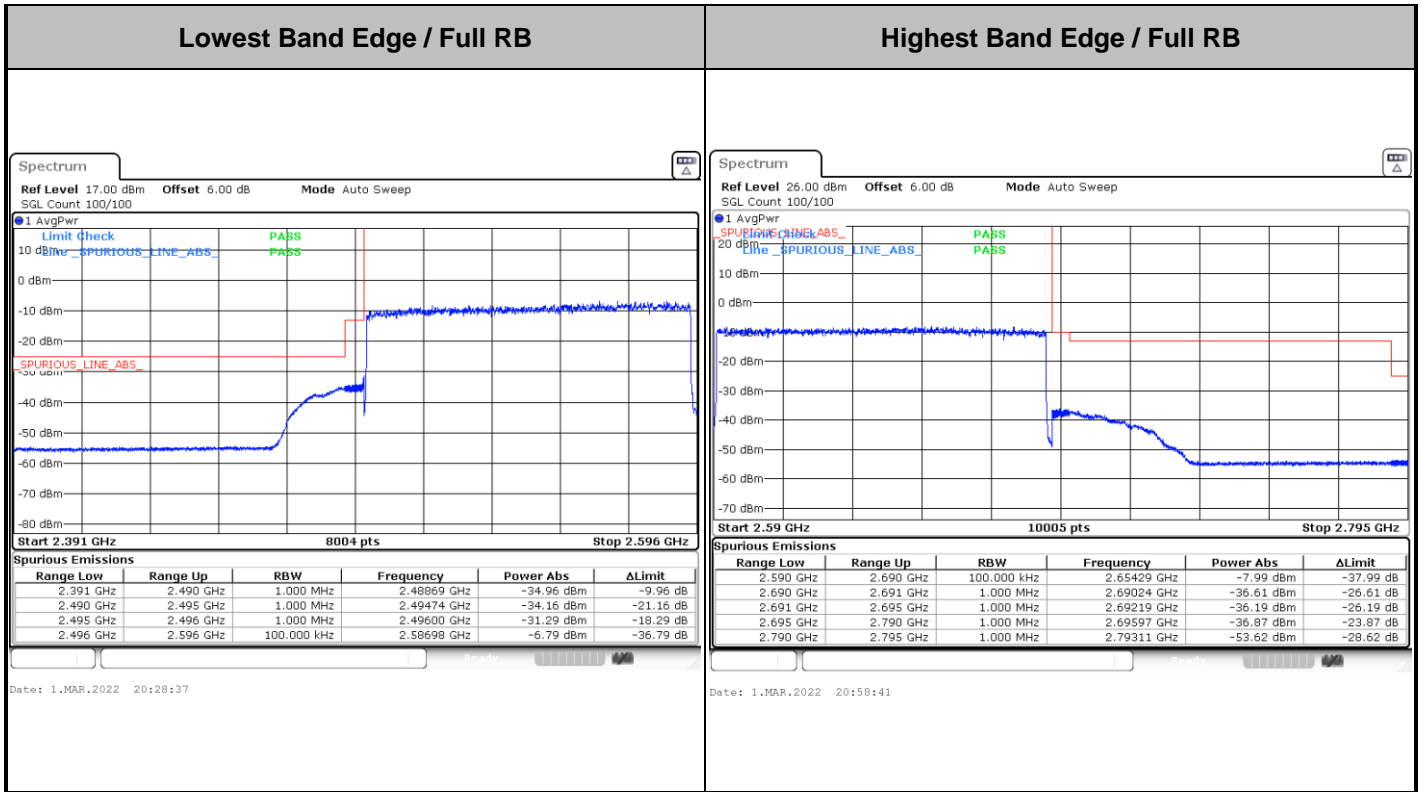


Date: 1.MAR.2022 20:51:40



Date: 2.MAR.2022 11:02:43



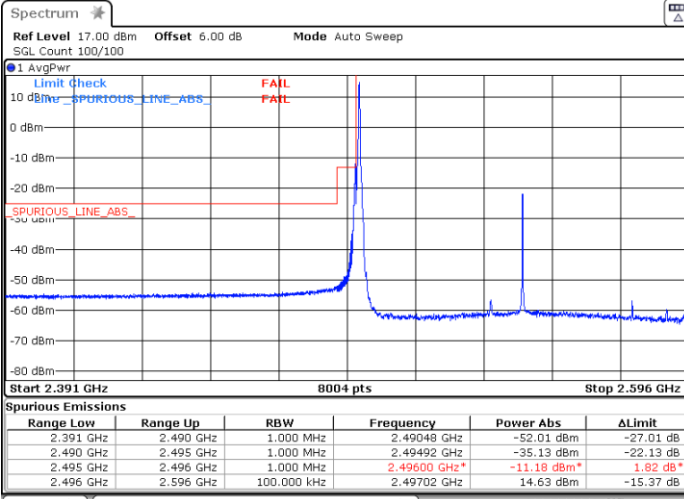




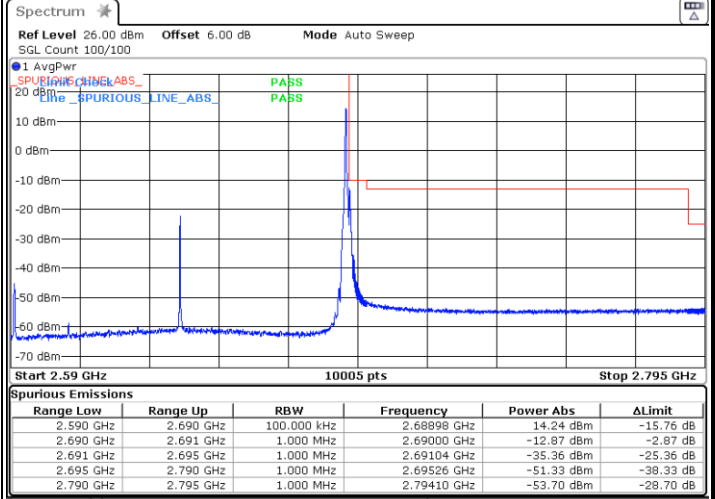
FR1 n41 / 100MHz / DFT-S OFDM / 64Q

Lowest Band Edge / 1RB0

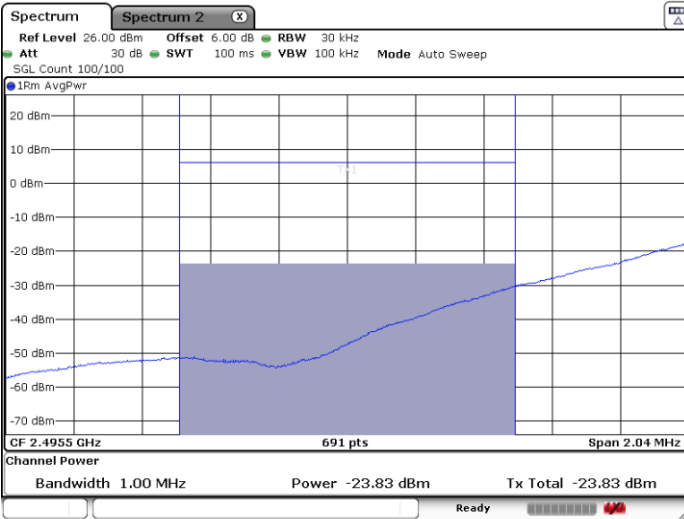
Highest Band Edge / 1RB24



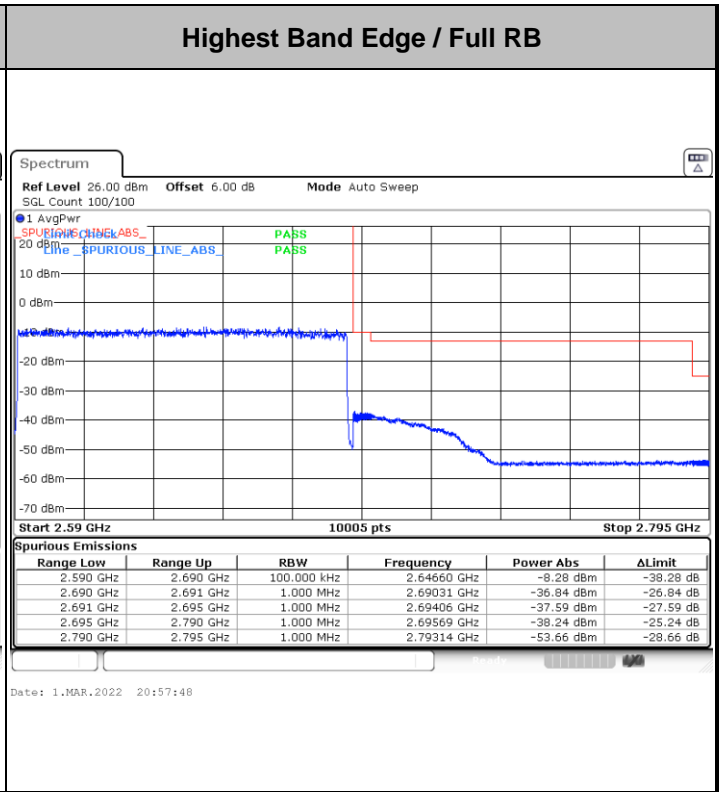
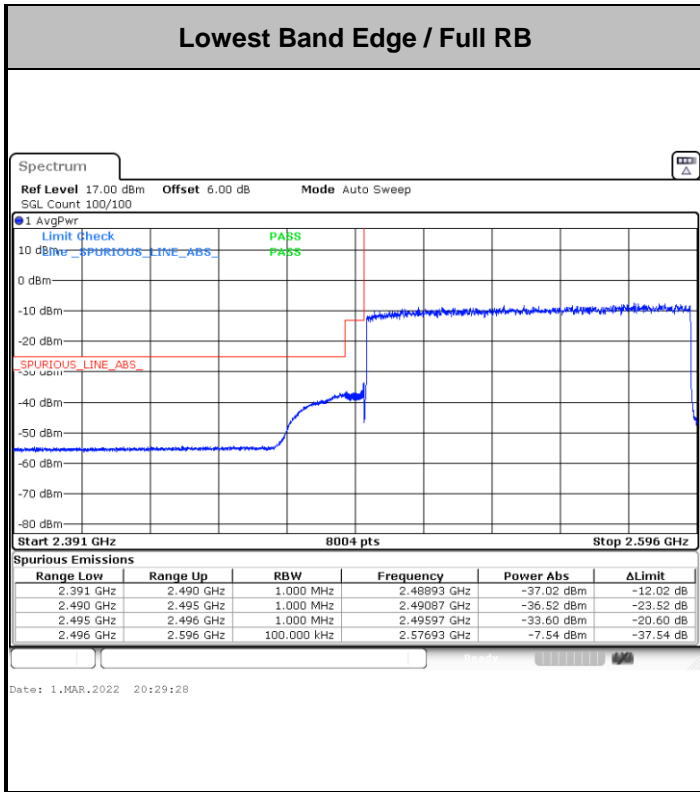
Date: 1.MAR.2022 20:36:03



Date: 1.MAR.2022 20:53:44



Date: 2.MAR.2022 11:03:24

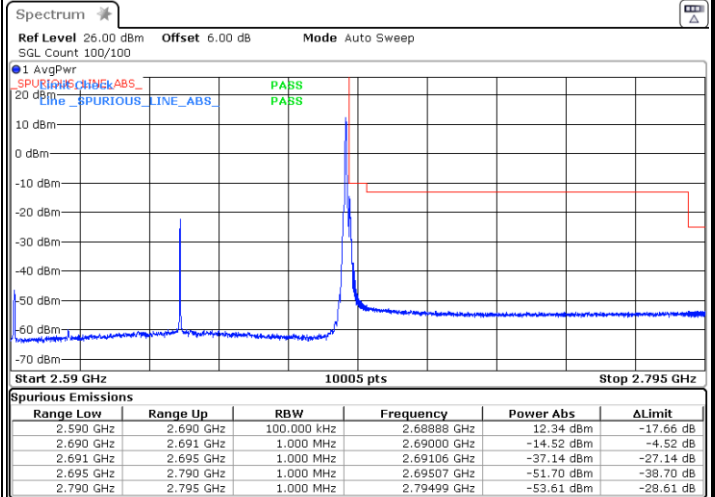
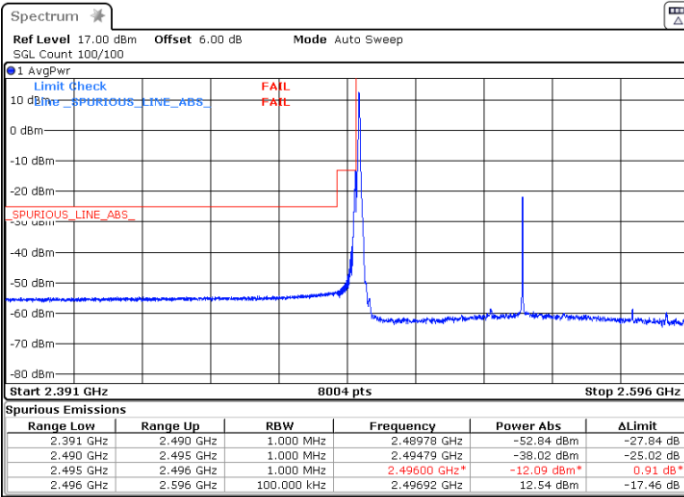




FR1 n41 / 100MHz / DFT-S OFDM / 256Q

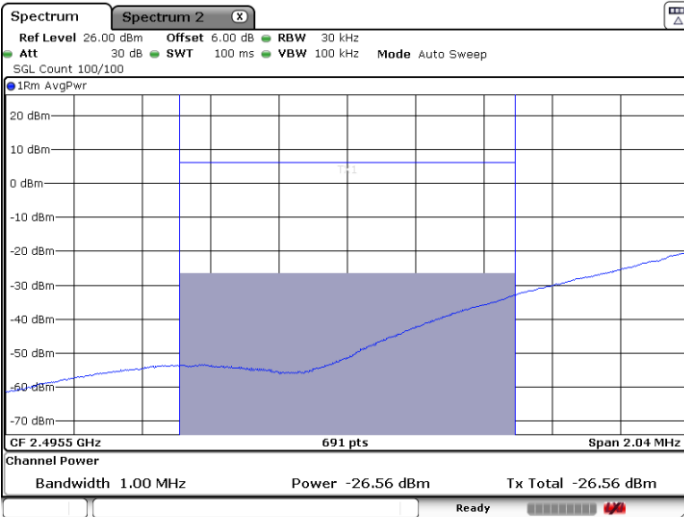
Lowest Band Edge / 1RB0

Highest Band Edge / 1RB24

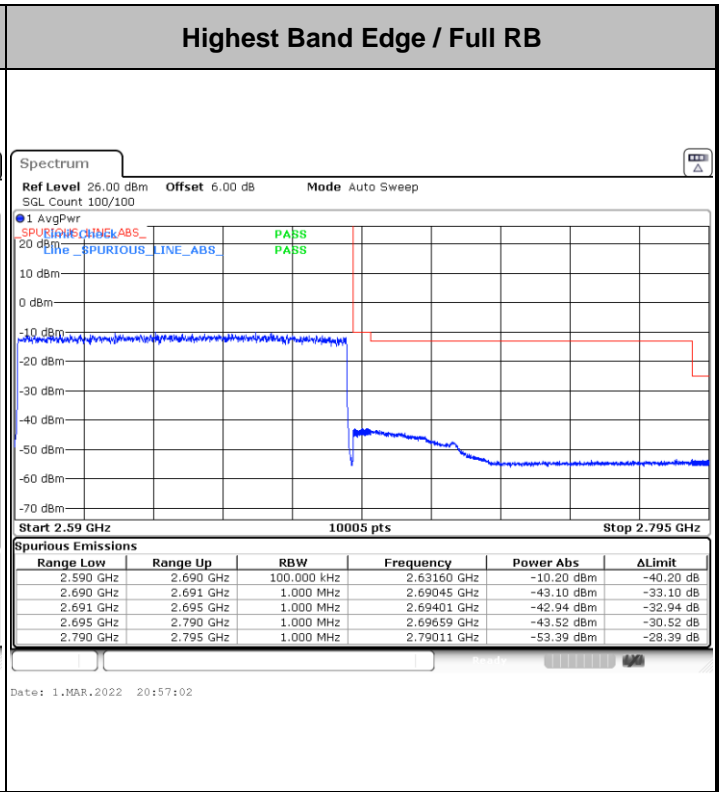
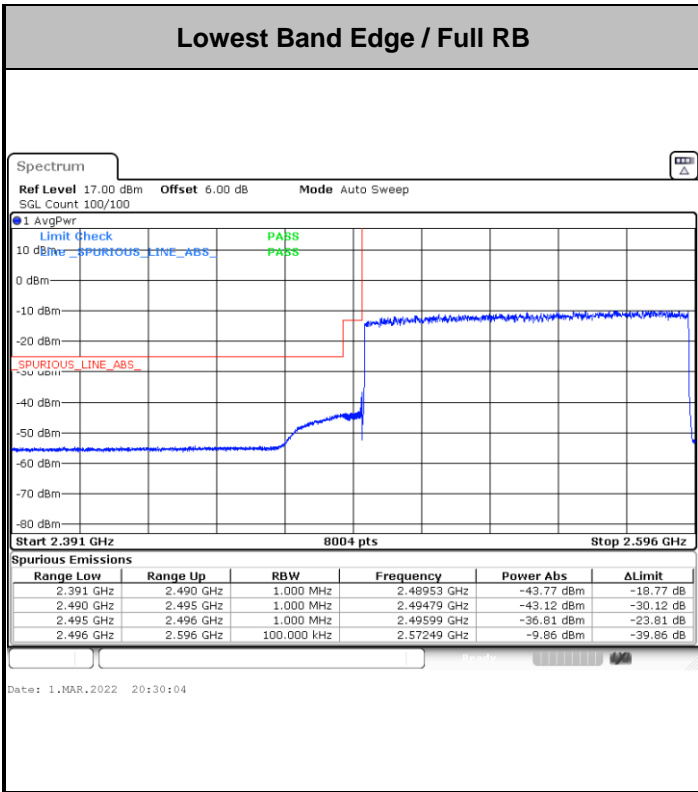


Date: 1.MAR.2022 20:33:13

Date: 1.MAR.2022 20:55:37



Date: 2.MAR.2022 11:04:05



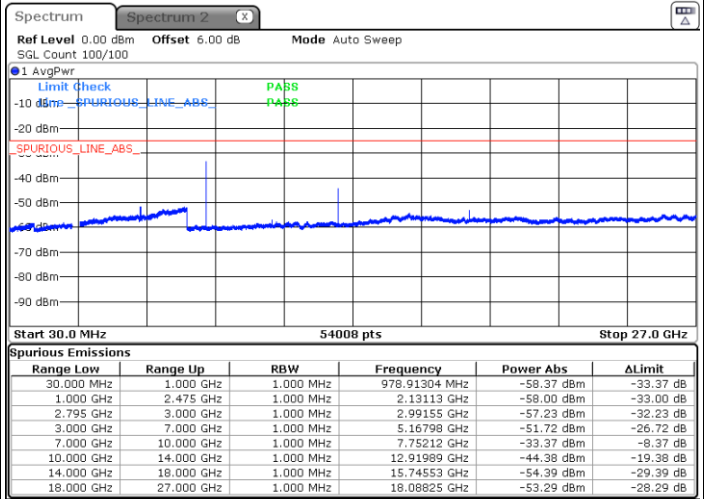
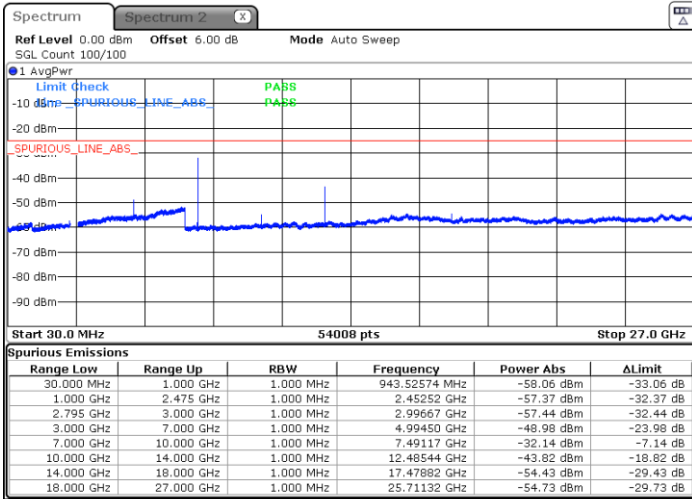


# Conducted Spurious Emission

## FR1 n41 / 20MHz / DFT-S OFDM / QPSK

### Lowest Channel / 1RB1

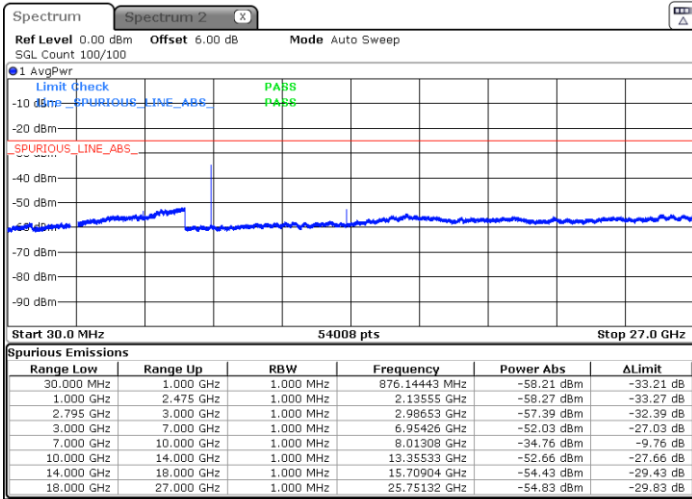
### Middle Channel / 1RB1



Date: 1.MAR.2022 14:28:26

Date: 1.MAR.2022 14:30:02

### Highest Channel / 1RB1



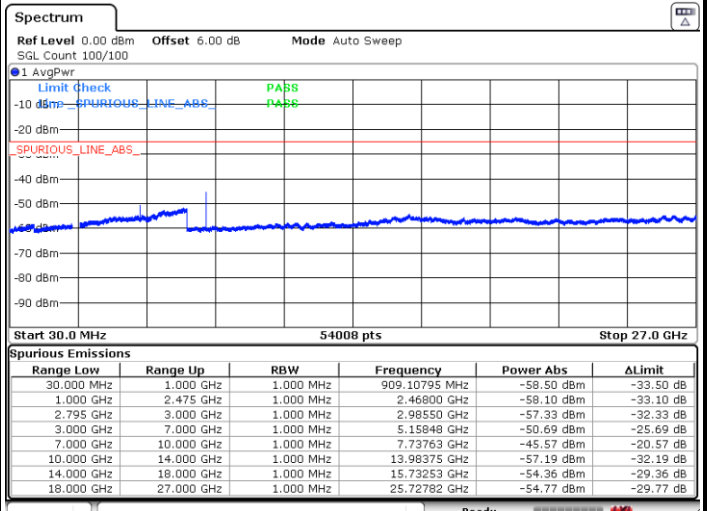
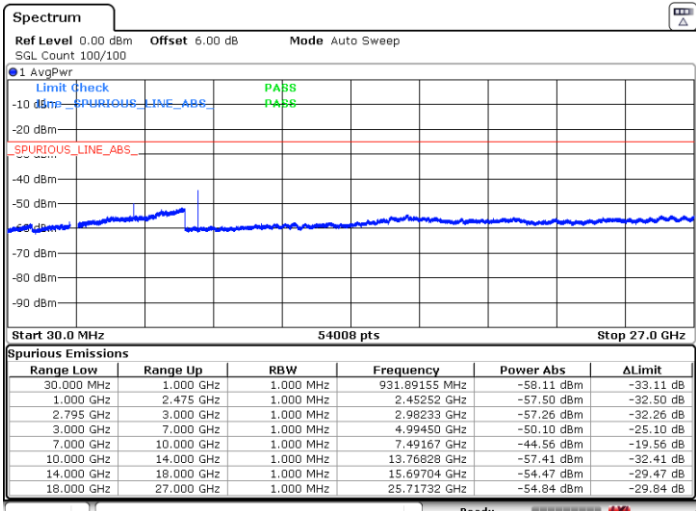
Date: 1.MAR.2022 14:31:42



FR1 n41 / 30MHz / DFT-S OFDM / QPSK

Lowest Channel / 1RB1

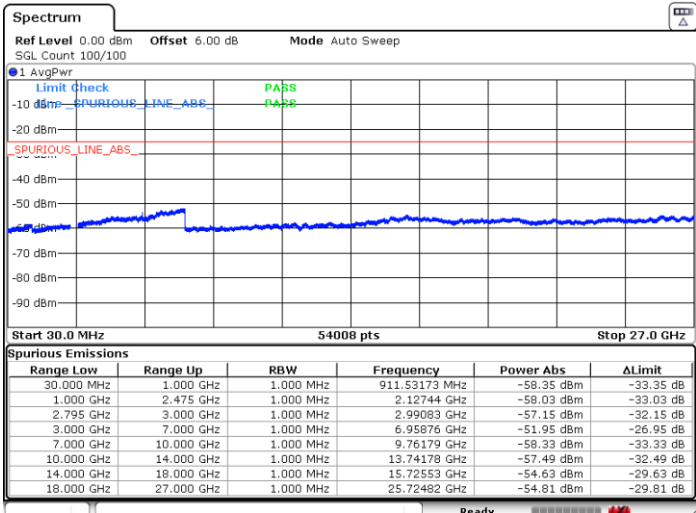
Middle Channel / 1RB1



Date: 1.MAR.2022 22:58:07

Date: 1.MAR.2022 22:59:43

Highest Channel / 1RB1



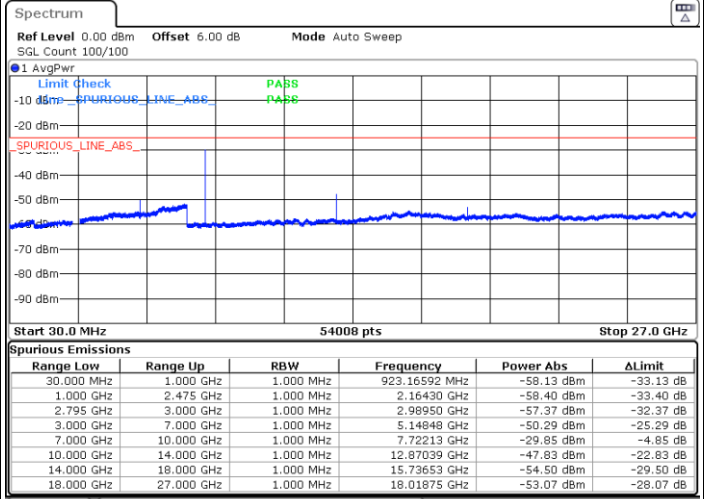
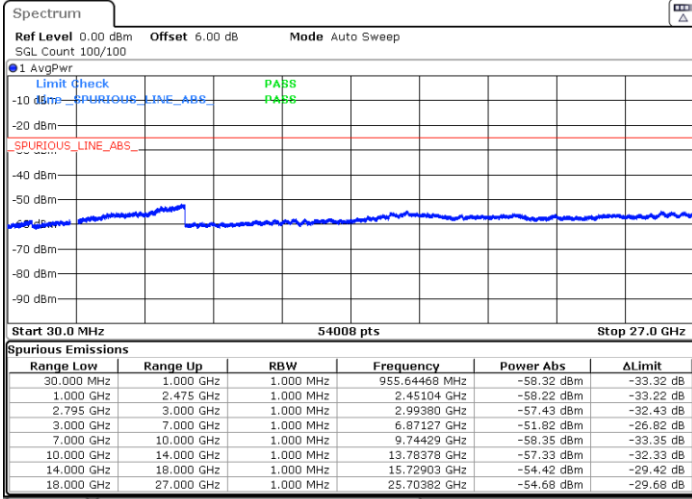
Date: 1.MAR.2022 23:01:19



FR1 n41 / 40MHz / DFT-S OFDM / QPSK

Lowest Channel / 1RB1

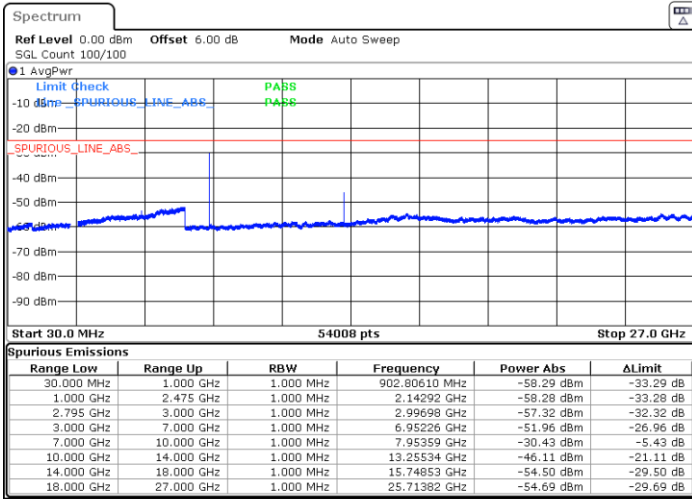
Middle Channel / 1RB1



Date: 1.MAR.2022 15:19:39

Date: 1.MAR.2022 15:21:16

Highest Channel / 1RB1



Date: 1.MAR.2022 15:23:21

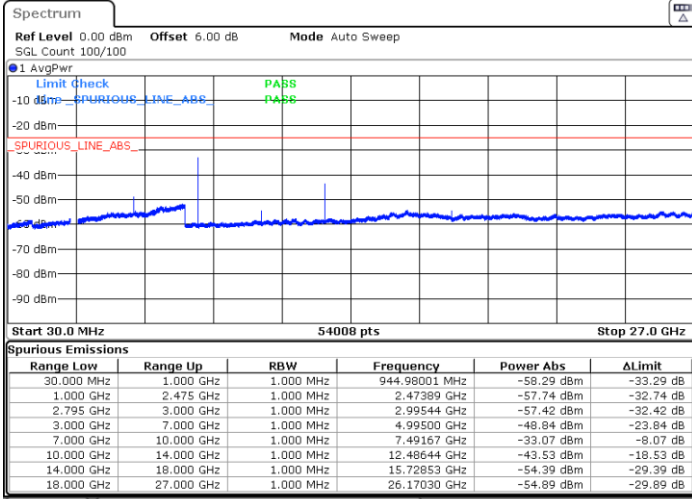




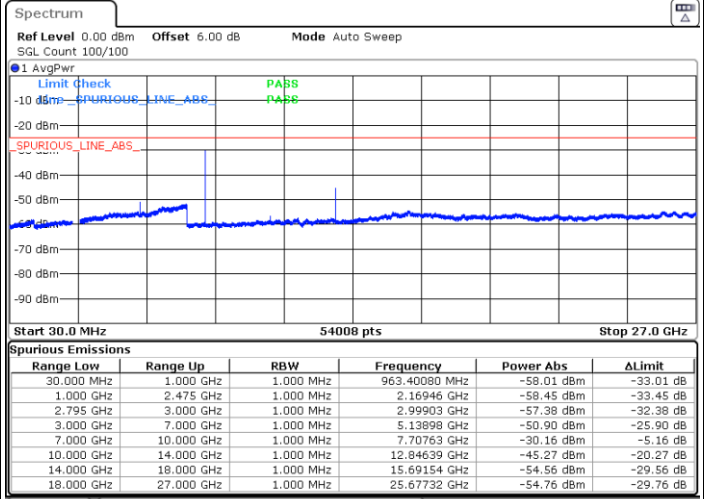
FR1 n41 / 50MHz / DFT-S OFDM / QPSK

Lowest Channel / 1RB1

Middle Channel / 1RB1

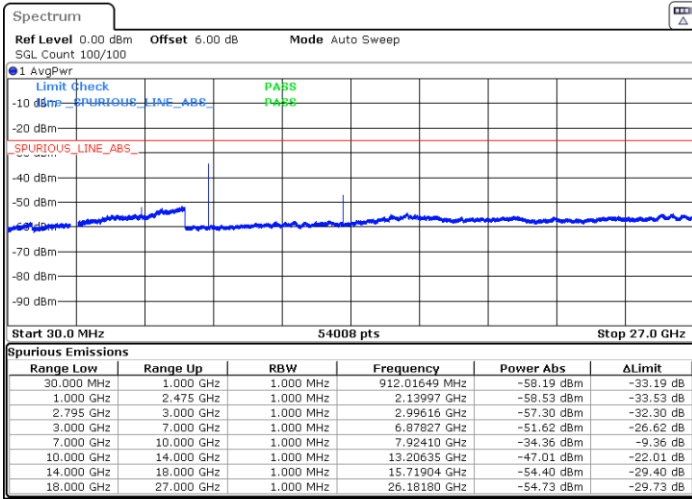


Date: 1.MAR.2022 15:55:59



Date: 1.MAR.2022 15:57:57

Highest Channel / 1RB1



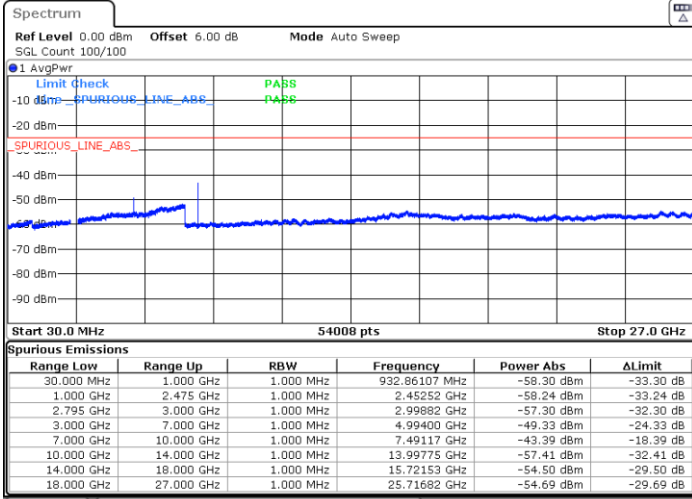
Date: 1.MAR.2022 16:01:56



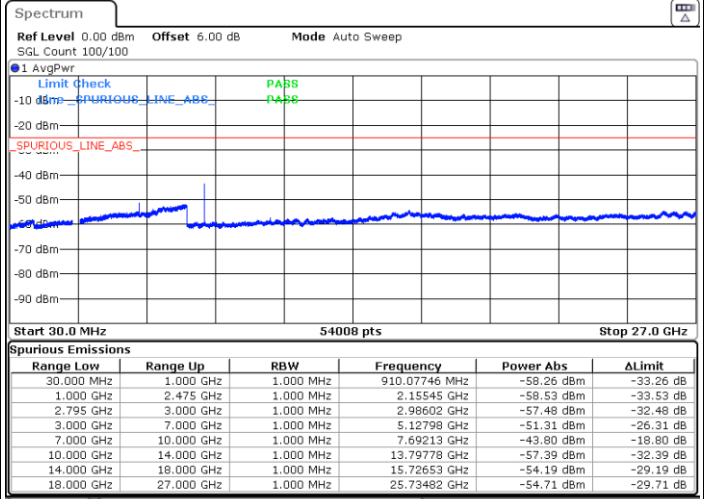
FR1 n41 / 60MHz / DFT-S OFDM / QPSK

Lowest Channel / 1RB1

Middle Channel / 1RB1

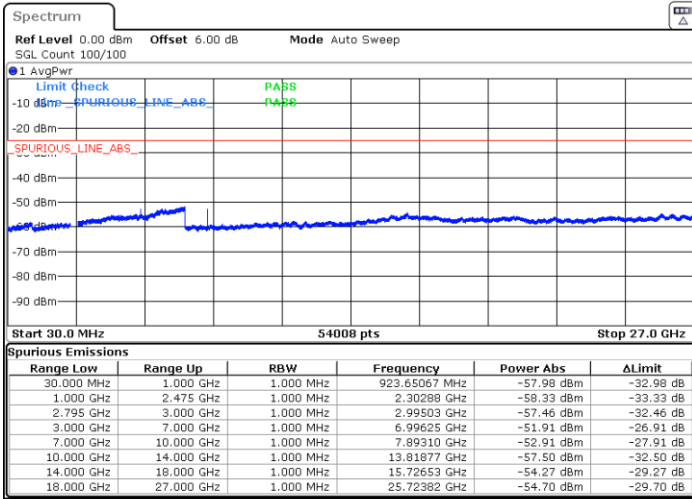


Date: 1.MAR.2022 17:22:29



Date: 1.MAR.2022 17:24:28

Highest Channel / 1RB1



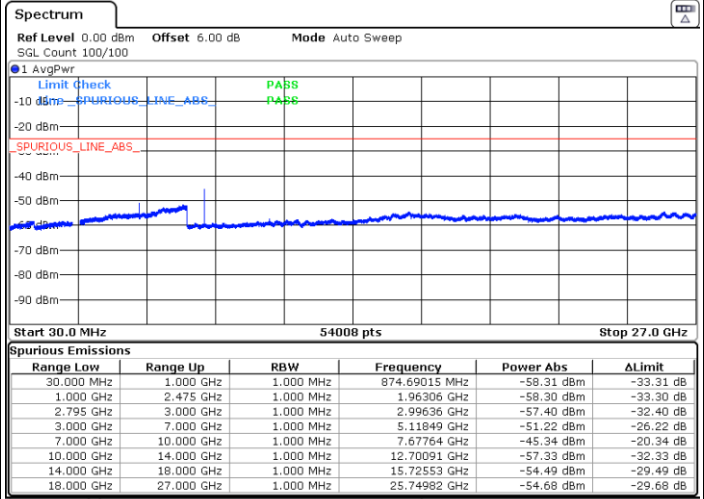
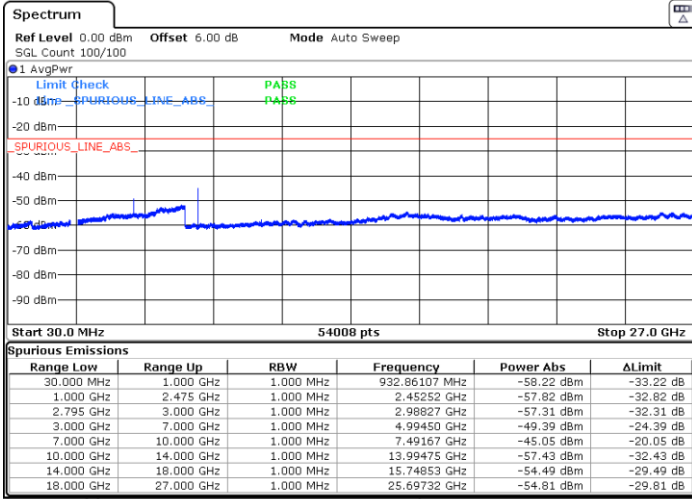
Date: 1.MAR.2022 17:29:38



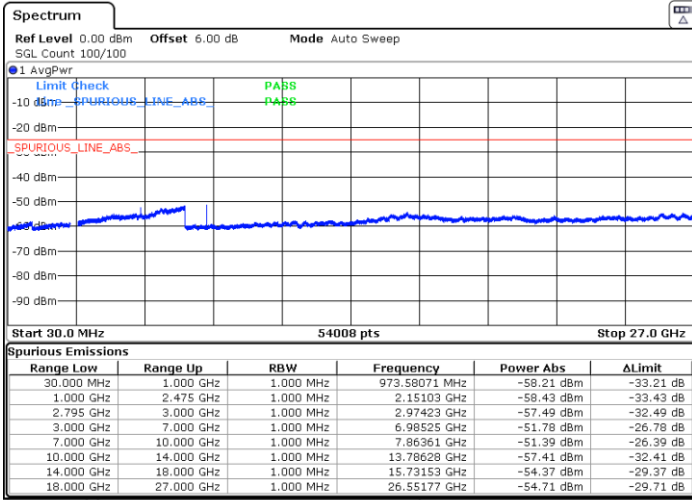
FR1 n41 / 70MHz / DFT-S OFDM / QPSK

Lowest Channel / 1RB1

Middle Channel / 1RB1



Highest Channel / 1RB1

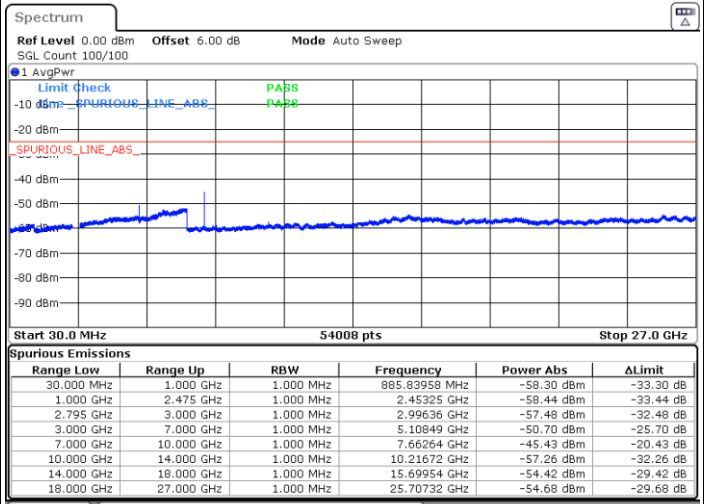
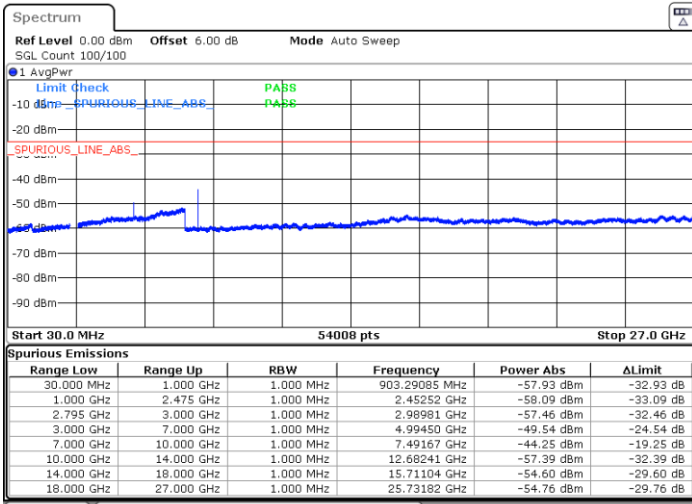




FR1 n41 / 80MHz / DFT-S OFDM / QPSK

Lowest Channel / 1RB1

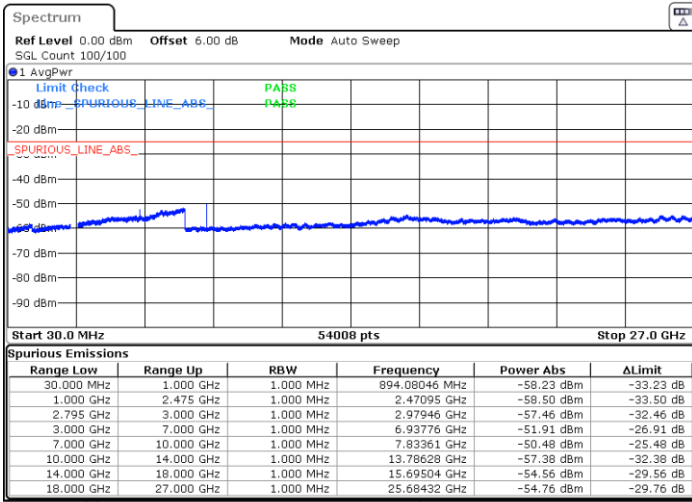
Middle Channel / 1RB1



Date: 1.MAR.2022 18:40:10

Date: 1.MAR.2022 18:42:09

Highest Channel / 1RB1



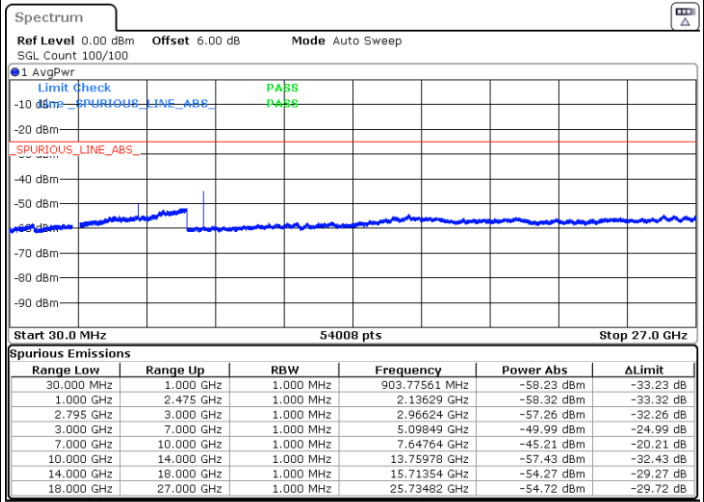
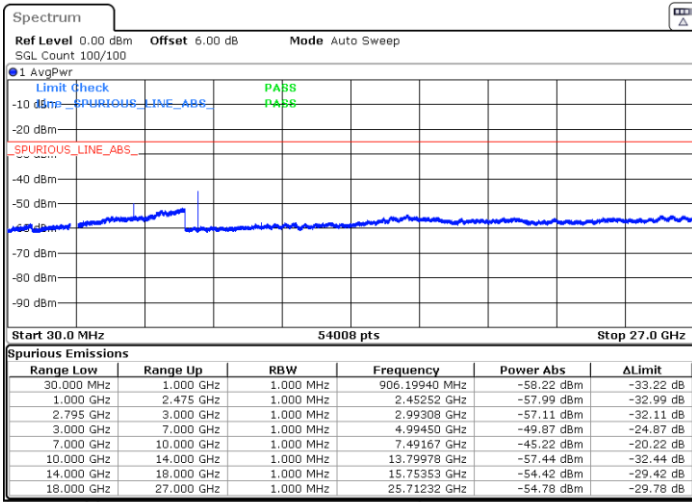
Date: 1.MAR.2022 18:45:11



FR1 n41 / 90MHz / DFT-S OFDM / QPSK

Lowest Channel / 1RB1

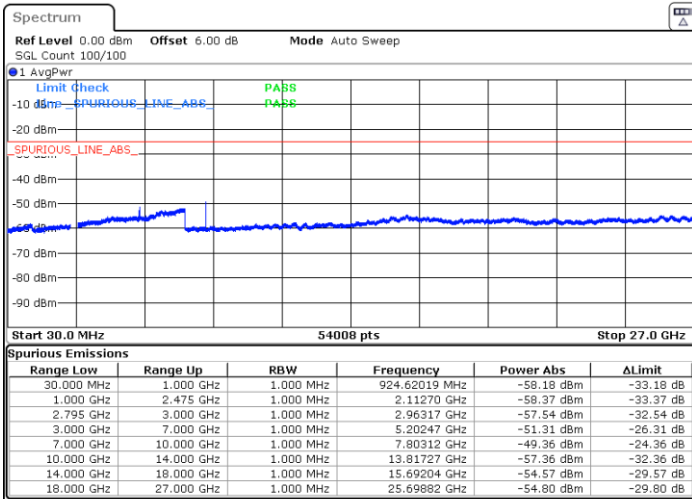
Middle Channel / 1RB1



Date: 1.MAR.2022 19:42:14

Date: 1.MAR.2022 19:44:51

Highest Channel / 1RB1



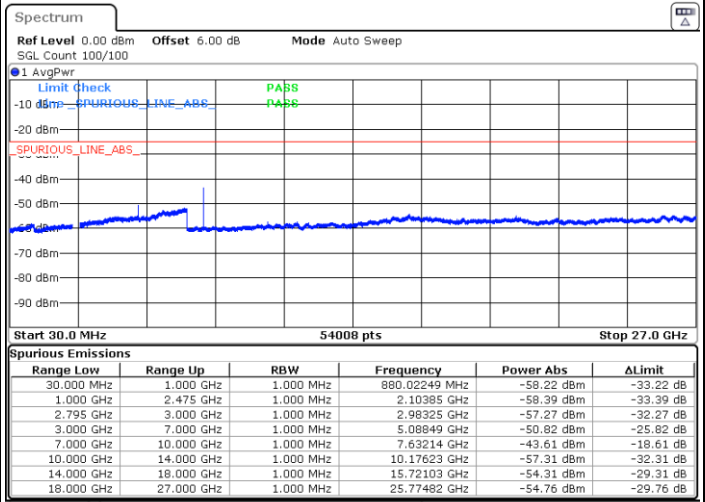
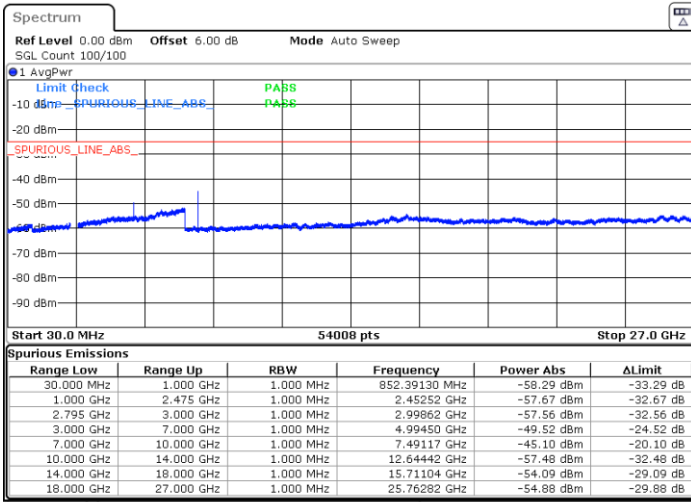
Date: 1.MAR.2022 19:47:40



FR1 n41 / 100MHz / DFT-S OFDM / QPSK

Lowest Channel / 1RB1

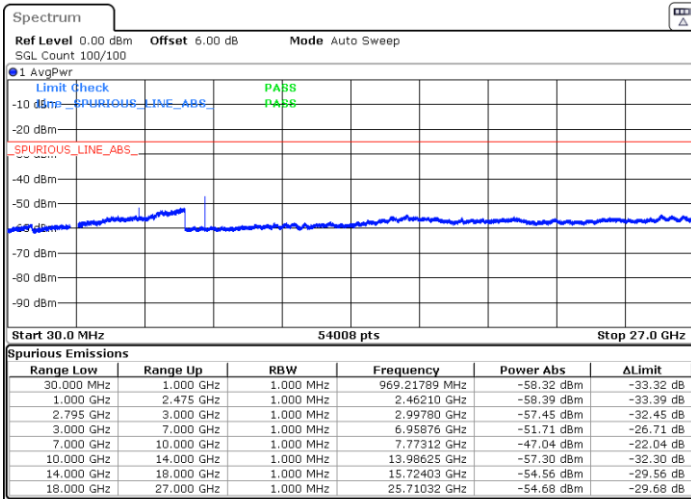
Middle Channel / 1RB1



Date: 1.MAR.2022 20:39:09

Date: 1.MAR.2022 20:41:36

Highest Channel / 1RB1



Date: 1.MAR.2022 20:44:14



Frequency Stability

Test Conditions		FR1 n41 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 20MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0012	PASS
40	Normal Voltage	0.0015	
30	Normal Voltage	0.0021	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0008	
0	Normal Voltage	0.0029	
-10	Normal Voltage	0.0015	
-20	Normal Voltage	0.0009	
-30	Normal Voltage	0.0007	
20	Maximum Voltage	0.0016	
20	Normal Voltage	0.0012	
20	Battery End Point	0.0031	

Note:

1. Normal Voltage =3.87 V. ; Battery End Point (BEP) =3.4 V. ; Maximum Voltage =4.48 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



# FR1 n66

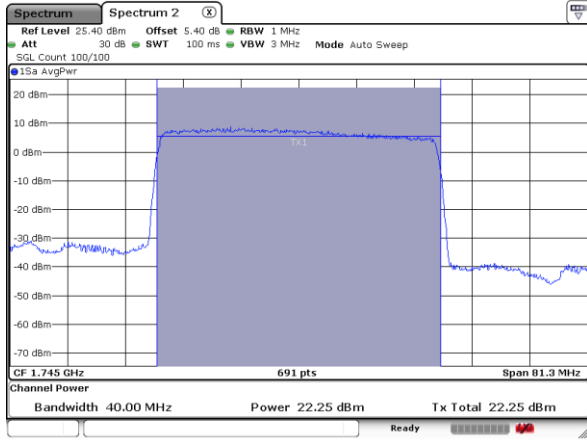
## Peak-to-Average Ratio

Mode	FR1 n66 / 40MHz / DFT-S OFDM				
Mod.	PI/2 BPSK	QPSK	16QAM	64QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Full RB	Result
Middle CH	6.76	6.76	6.82	6.93	PASS
Mod.	256QAM				Limit: 13dB
RB Size	Full RB				Result
Middle CH	6.67				PASS

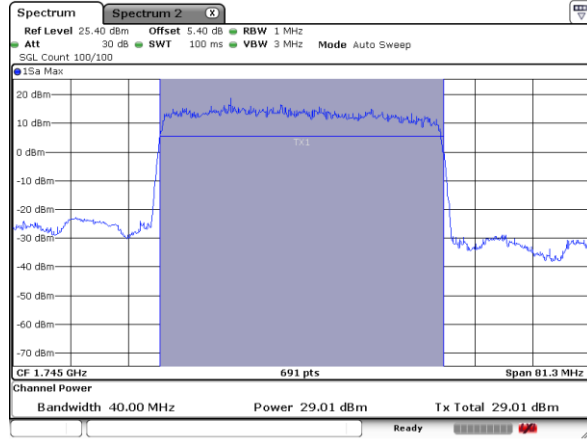




BPSK

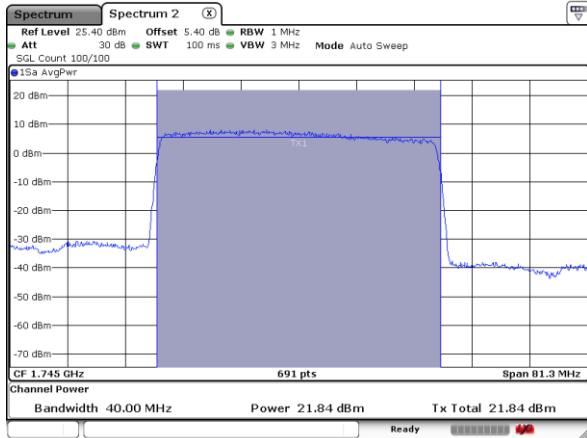


Date: 9.FEB.2022 09:22:56

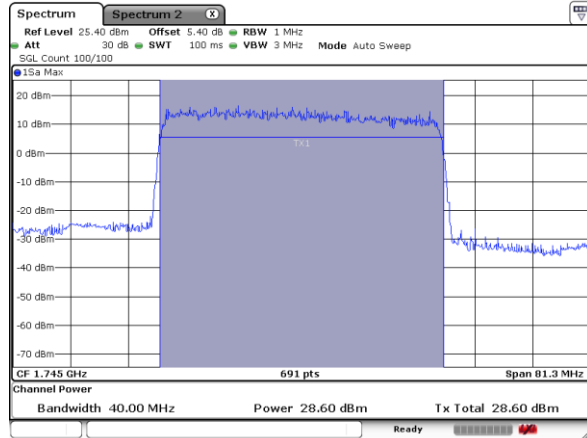


Date: 9.FEB.2022 09:22:24

QPSK

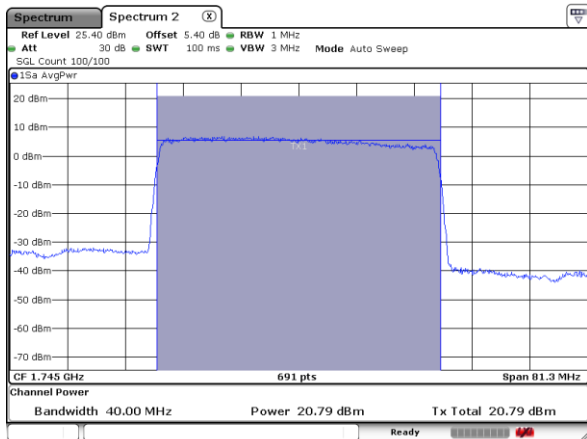


Date: 9.FEB.2022 09:23:25

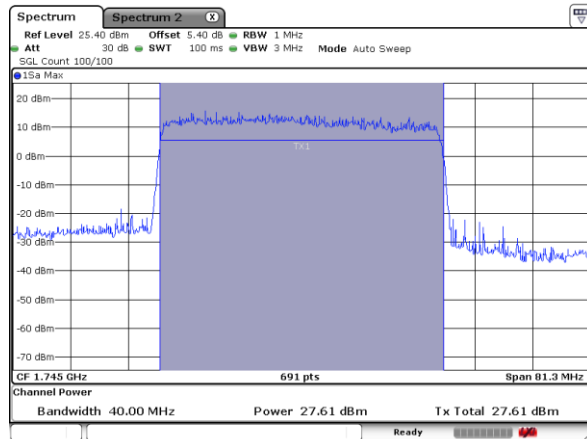


Date: 9.FEB.2022 09:23:50

16QAM



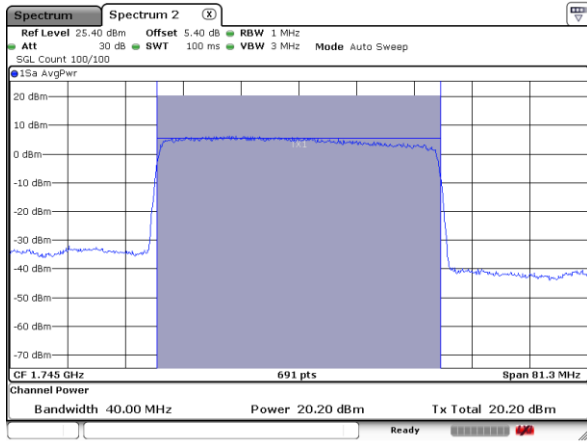
Date: 9.FEB.2022 09:24:48



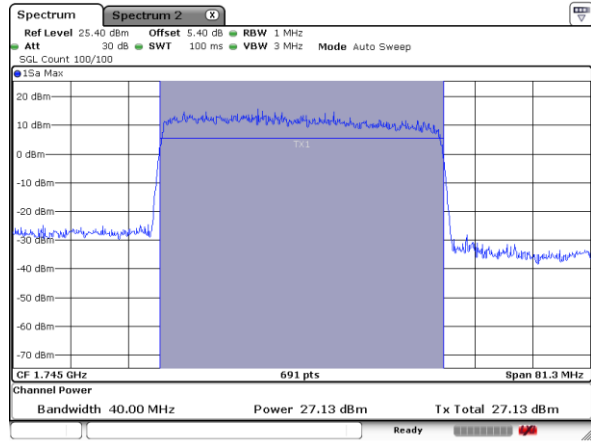
Date: 9.FEB.2022 09:24:19



### 64QAM

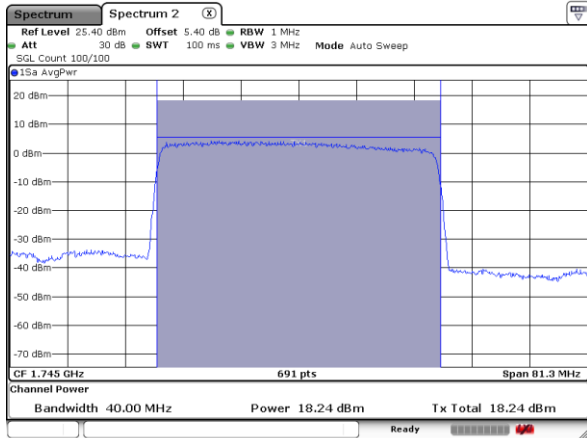


Date: 9.FEB.2022 09:25:17

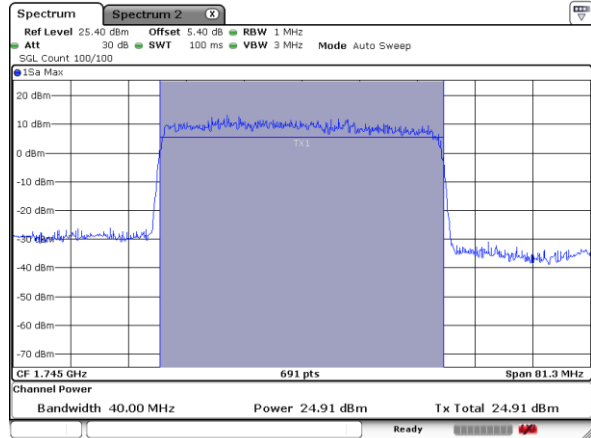


Date: 9.FEB.2022 09:25:45

### 256QAM



Date: 9.FEB.2022 09:26:43

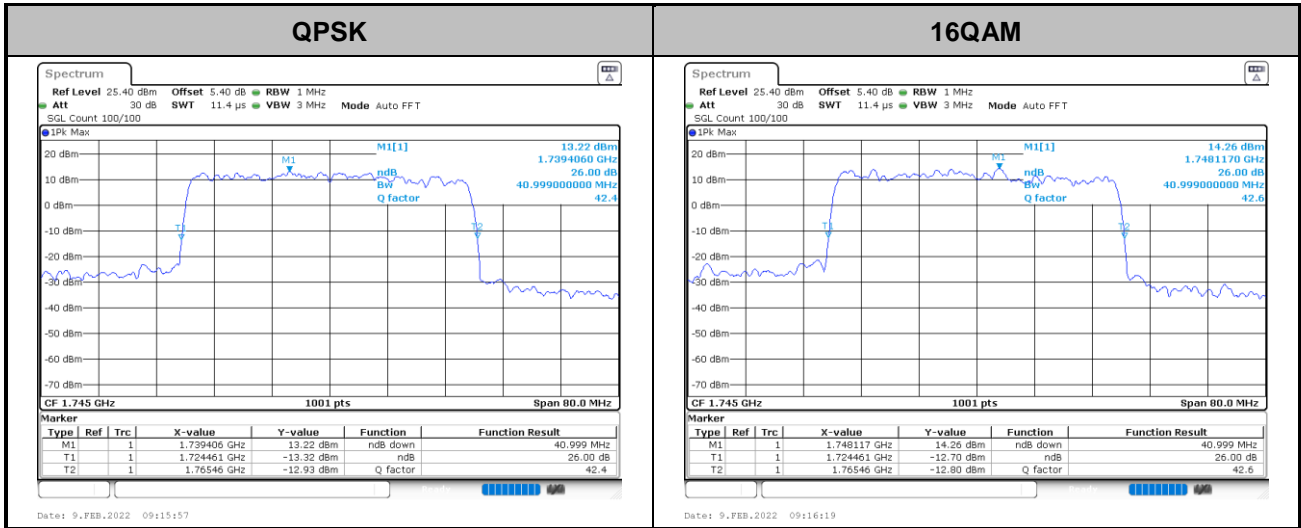


Date: 9.FEB.2022 09:26:17



### 26dB Bandwidth

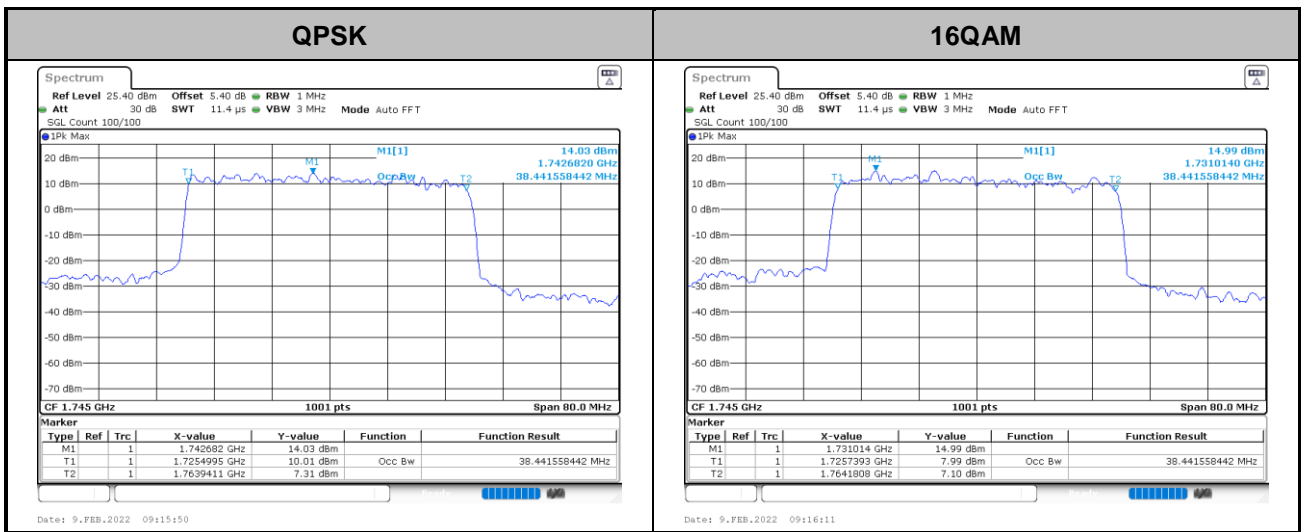
Mode	FR1 n66 : 26dB BW(MHz) / DFT-S OFDM	
BW	40M	
Mod.	QPSK	16QAM
Middle CH	41.00	41.00





# Occupied Bandwidth

<b>Mode</b>	<b>FR1 n66 : 99%OBW(MHz) / DFT-S OFDM</b>	
<b>BW</b>	<b>40M</b>	
<b>Mod.</b>	<b>QPSK</b>	<b>16QAM</b>
<b>Middle CH</b>	<b>38.44</b>	<b>38.44</b>



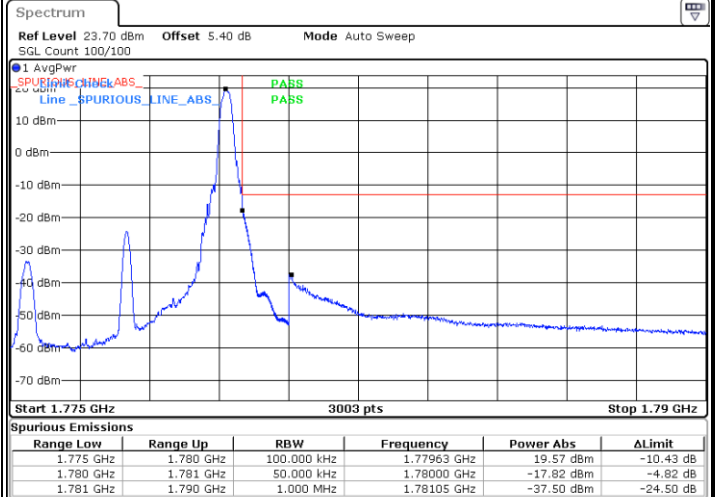
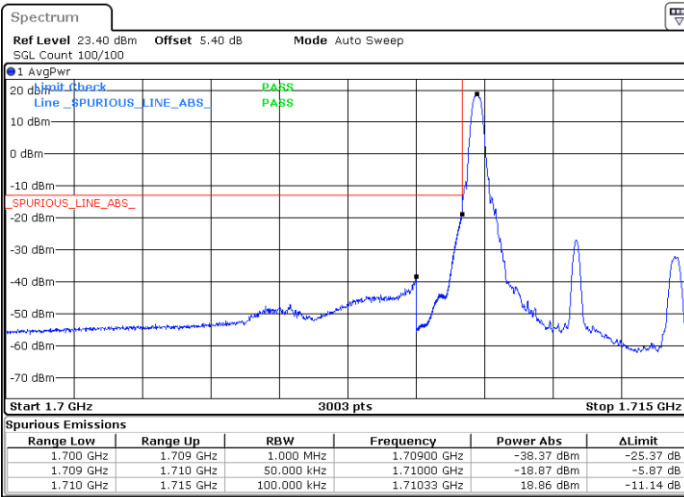


# Conducted Band Edge

FR1 n66 / 5MHz / DFT-S OFDM / PI/2 BPSK

Lowest Band Edge / 1RB0

Highest Band Edge / 1RBMAX

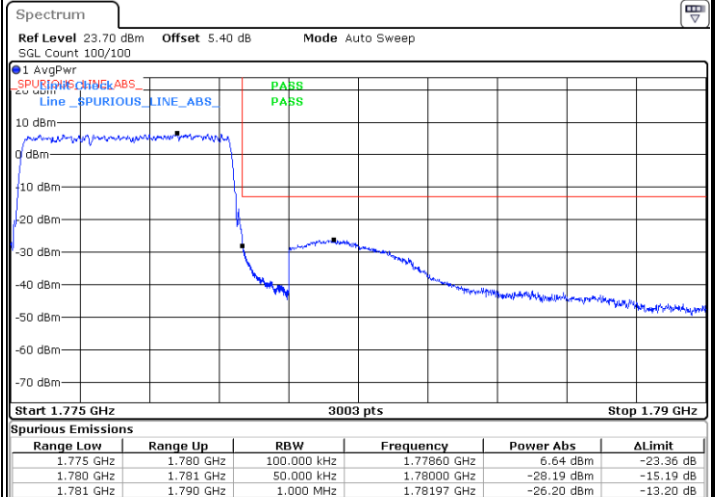
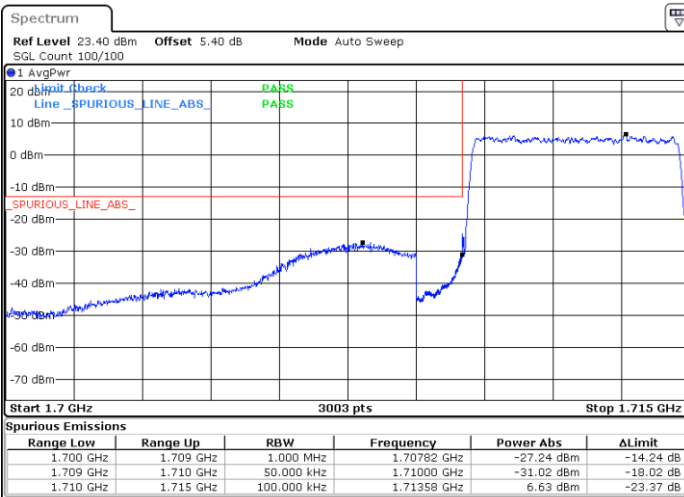


Date: 2.FEB.2022 01:37:26

Date: 2.FEB.2022 01:48:17

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 2.FEB.2022 01:30:42

Date: 2.FEB.2022 01:42:48