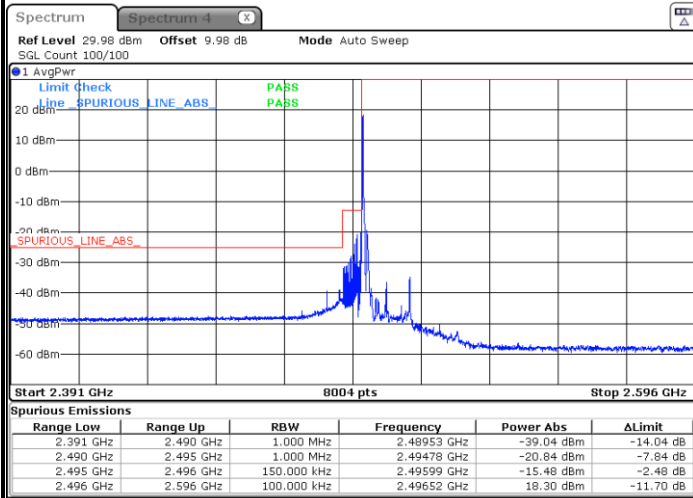




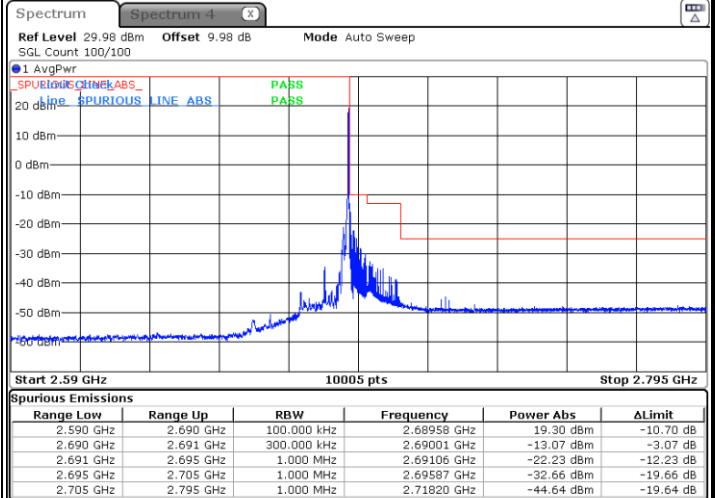
FR1 n41 / 15MHz / DFT-S OFDM / 256Q

Lowest Band Edge / 1RB0



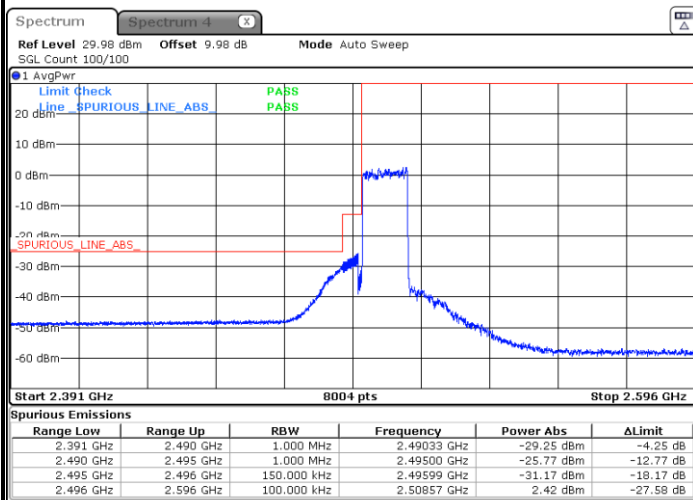
Date: 19.FEB.2022 22:28:45

Highest Band Edge / 1RB24



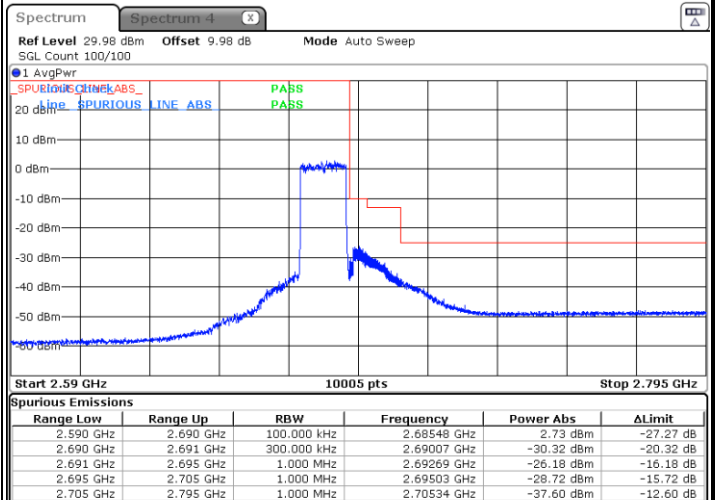
Date: 19.FEB.2022 22:44:58

Lowest Band Edge / Full RB



Date: 19.FEB.2022 22:28:23

Highest Band Edge / Full RB



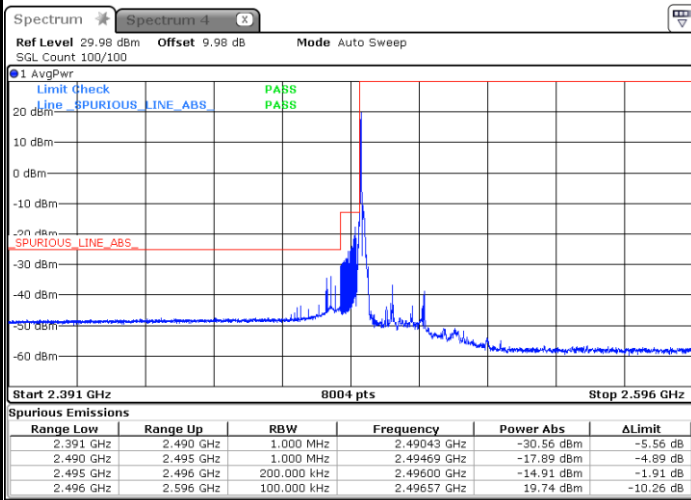
Date: 19.FEB.2022 22:44:22



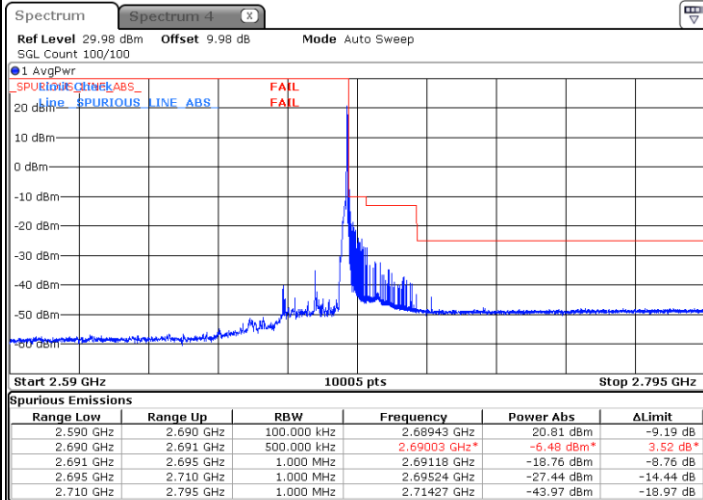
FR1 n41 / 20MHz / DFT-S OFDM / PI/2 BPSK

Lowest Band Edge / 1RB0

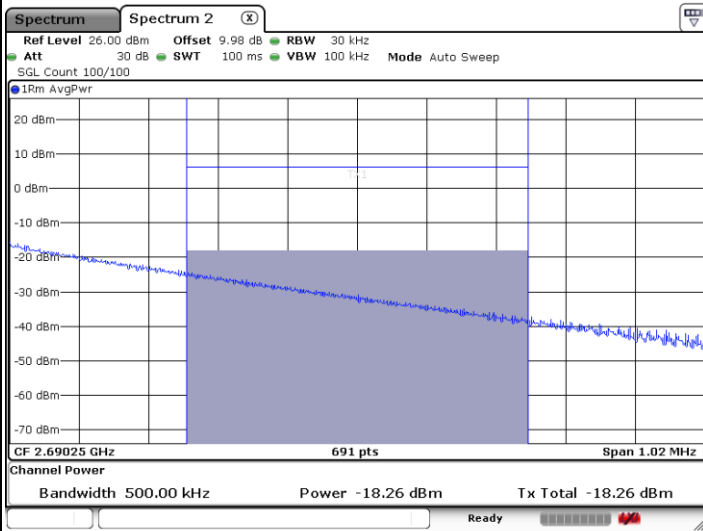
Highest Band Edge / 1RBmax



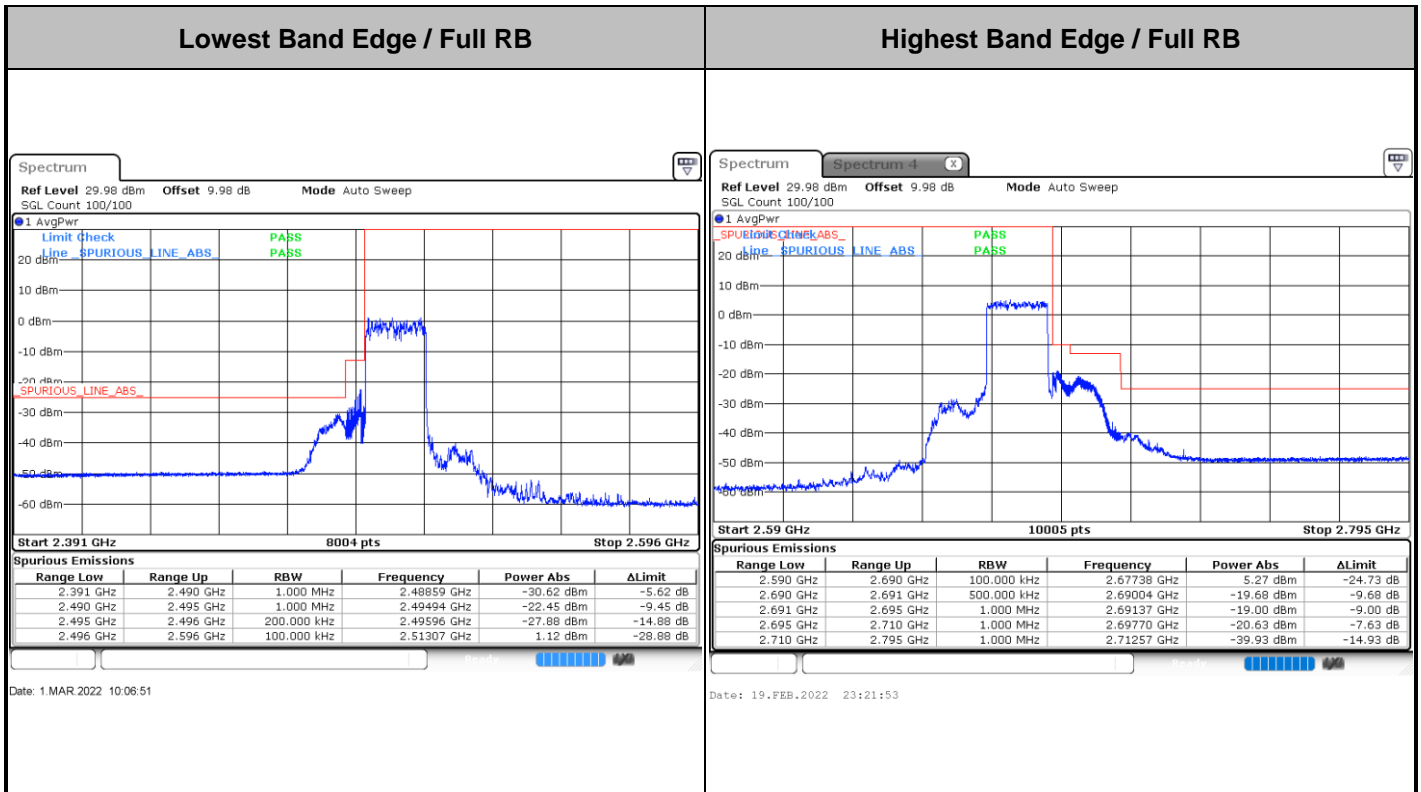
Date: 19.FEB.2022 23:09:42



Date: 20.FEB.2022 01:02:47



Date: 20.FEB.2022 01:05:55

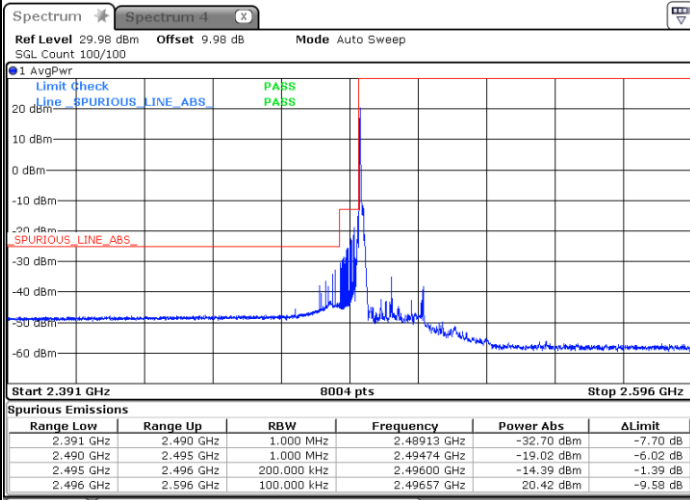




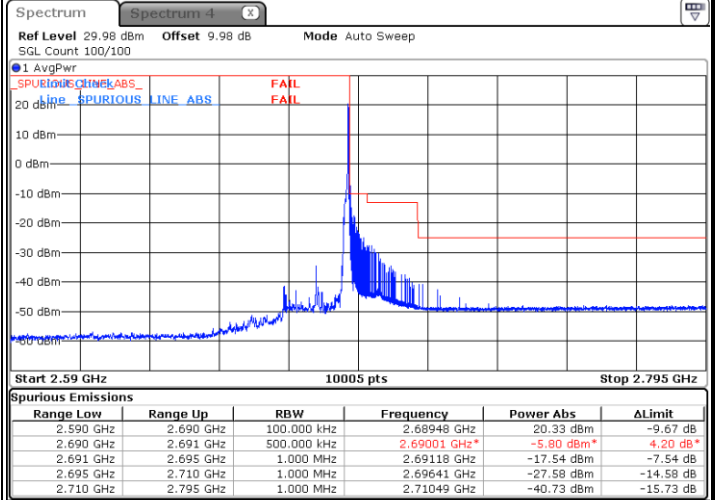
FR1 n41 / 20MHz / DFT-S OFDM / QPSK

Lowest Band Edge / 1RB0

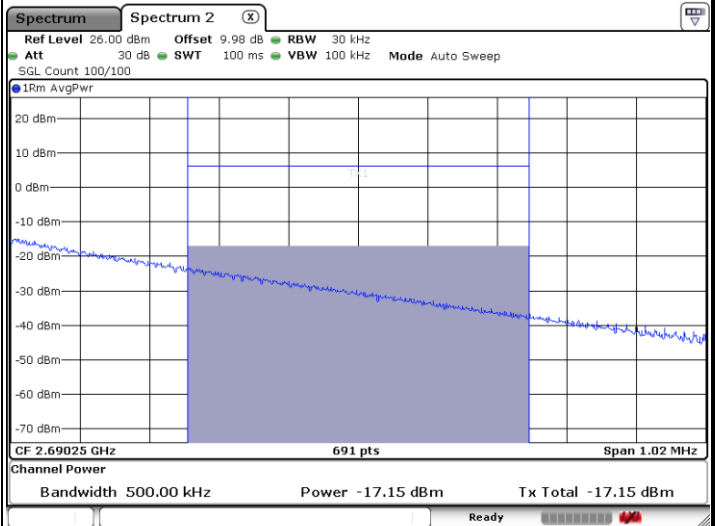
Highest Band Edge / 1RBmax



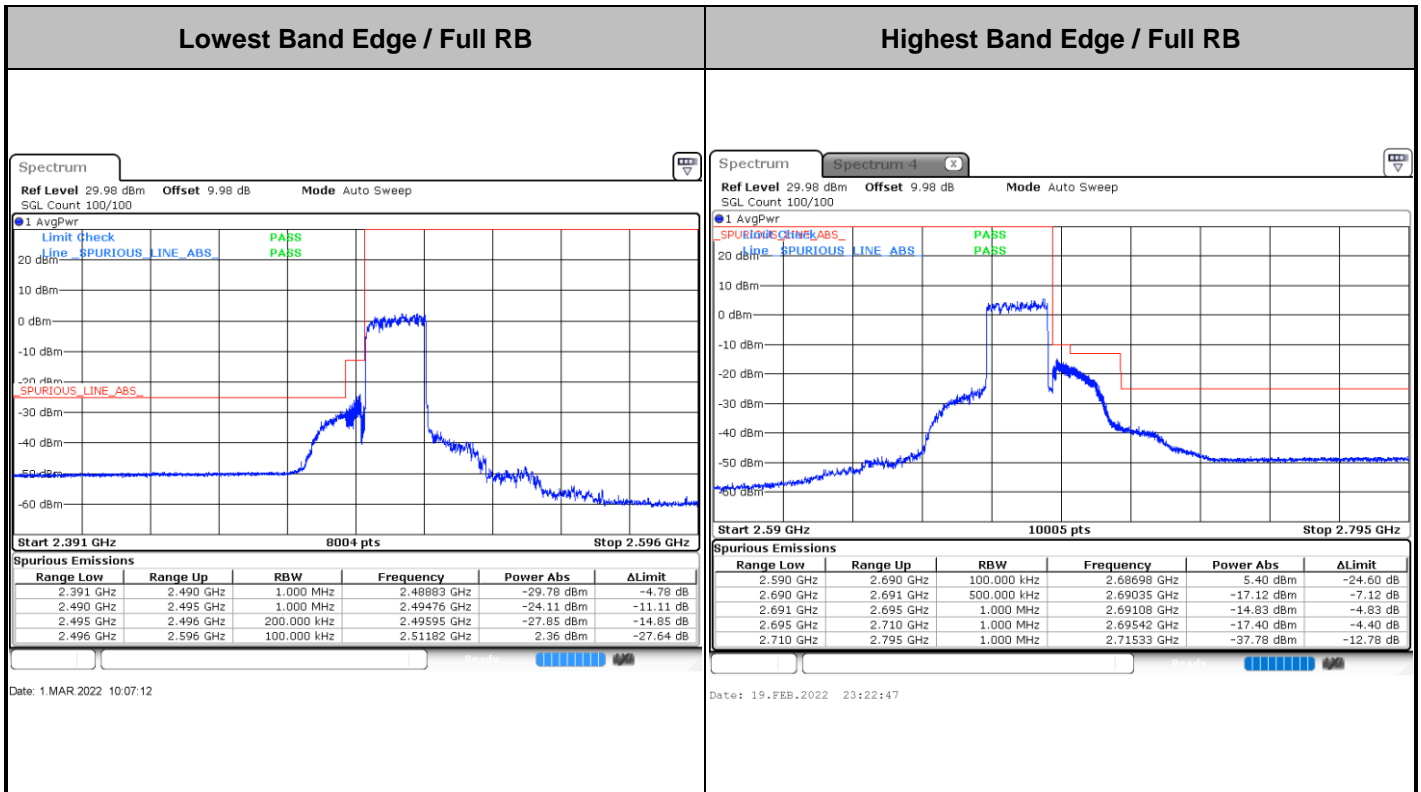
Date: 19.FEB.2022 23:08:19



Date: 20.FEB.2022 01:02:13



Date: 20.FEB.2022 01:06:34

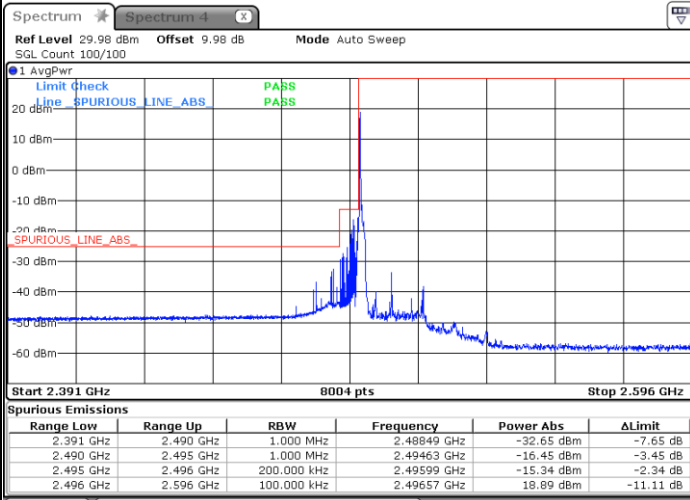




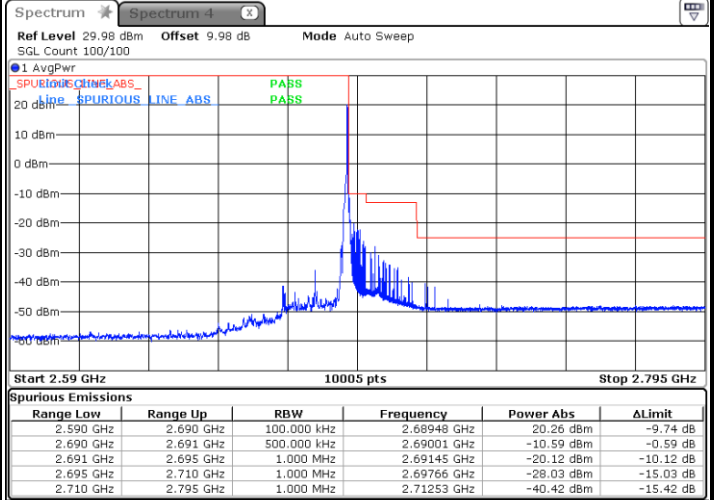
FR1 n41 / 20MHz / DFT-S OFDM / 16Q

Lowest Band Edge / 1RB0

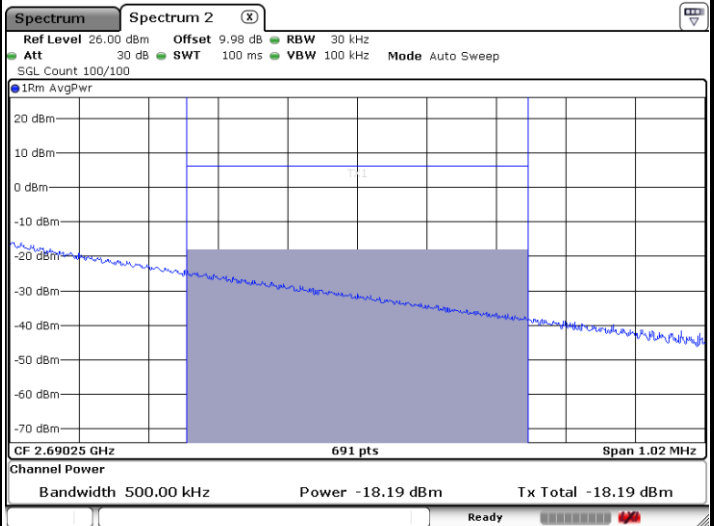
Highest Band Edge / 1RBmax



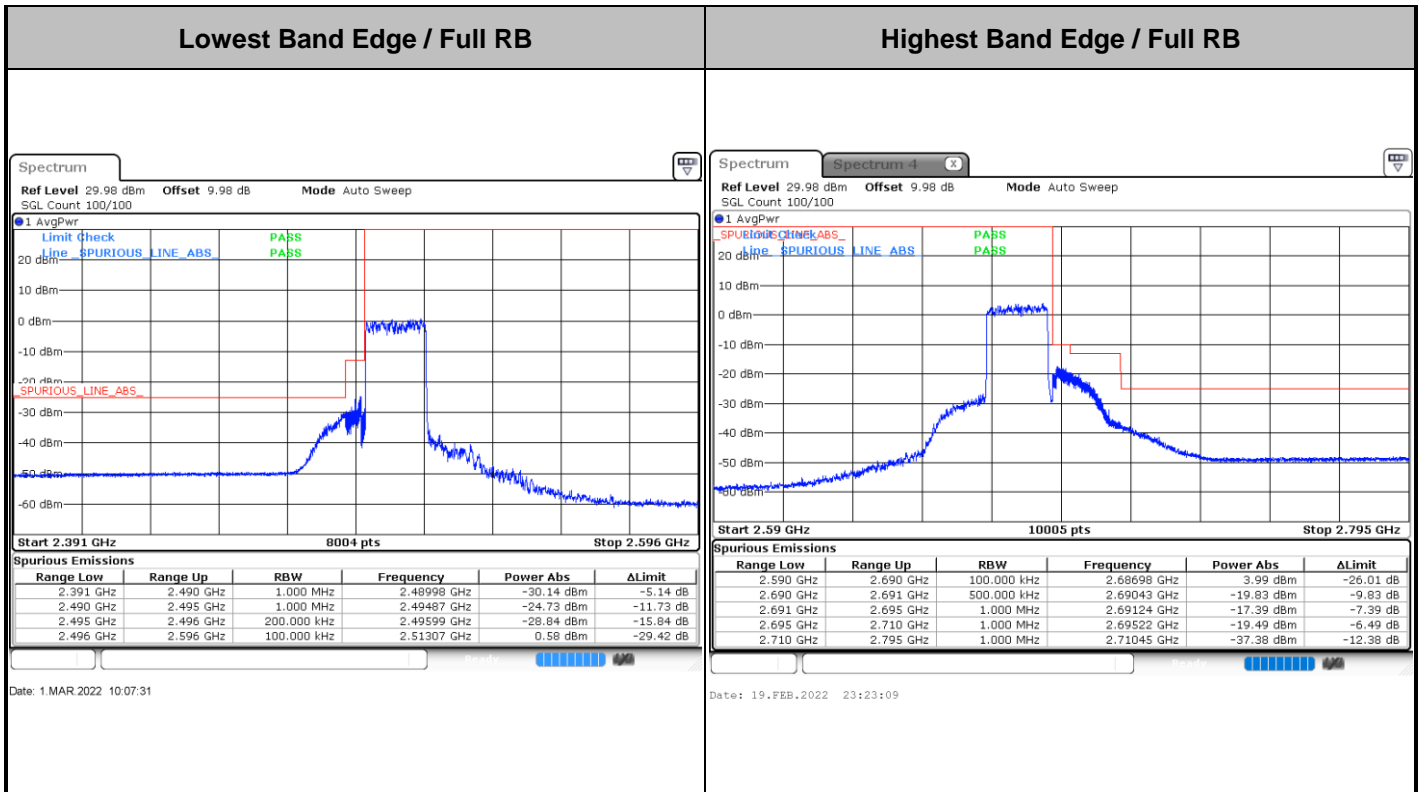
Date: 19.FEB.2022 23:07:12



Date: 20.FEB.2022 01:01:54



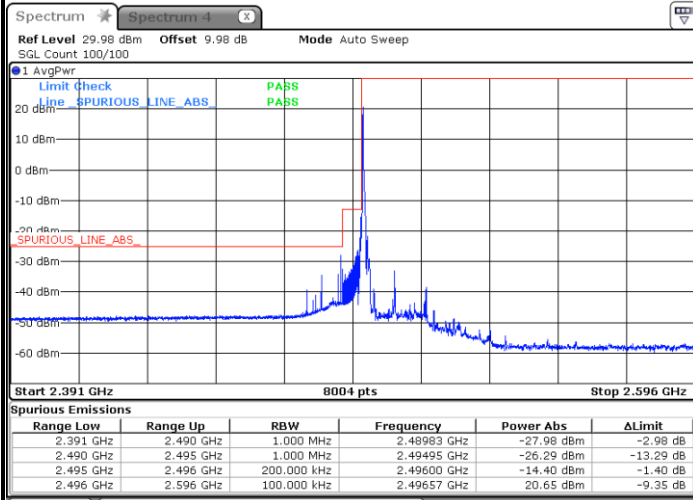
Date: 20.FEB.2022 01:07:01





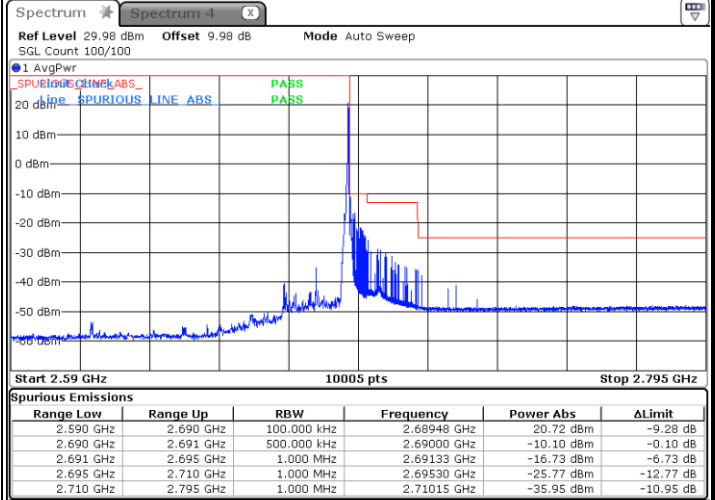
FR1 n41 / 20MHz / DFT-S OFDM / 64Q

Lowest Band Edge / 1RB0



Date: 19.FEB.2022 23:06:06

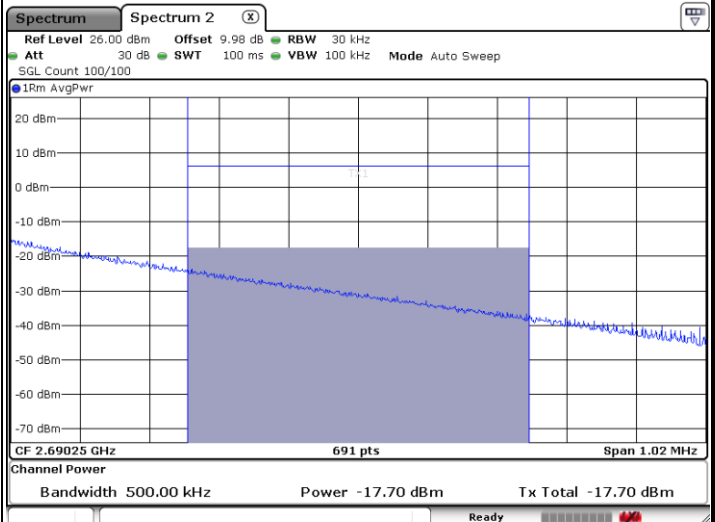
Highest Band Edge / 1RB24



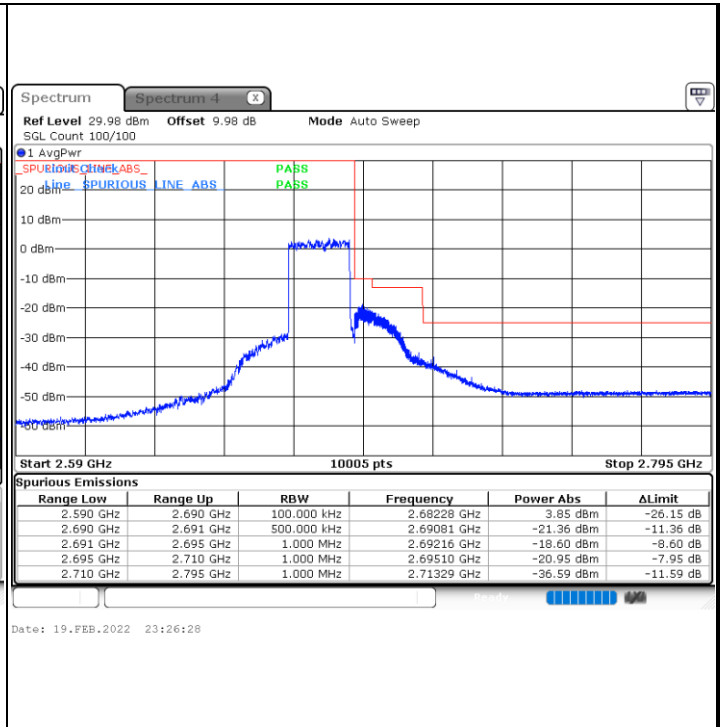
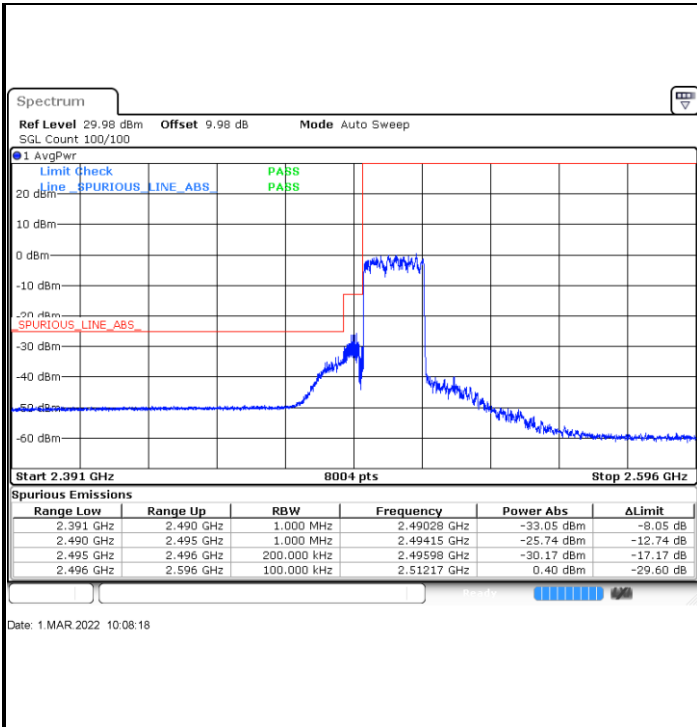
Date: 20.FEB.2022 00:59:56

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



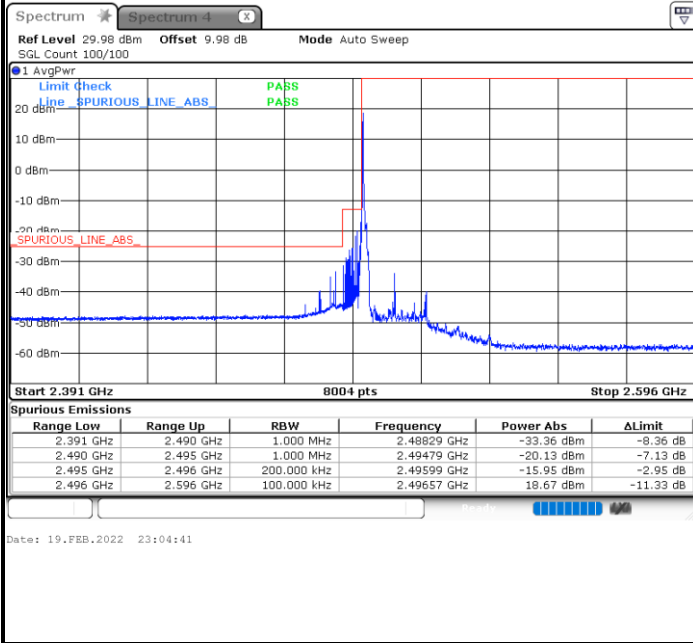
Date: 20.FEB.2022 01:07:27



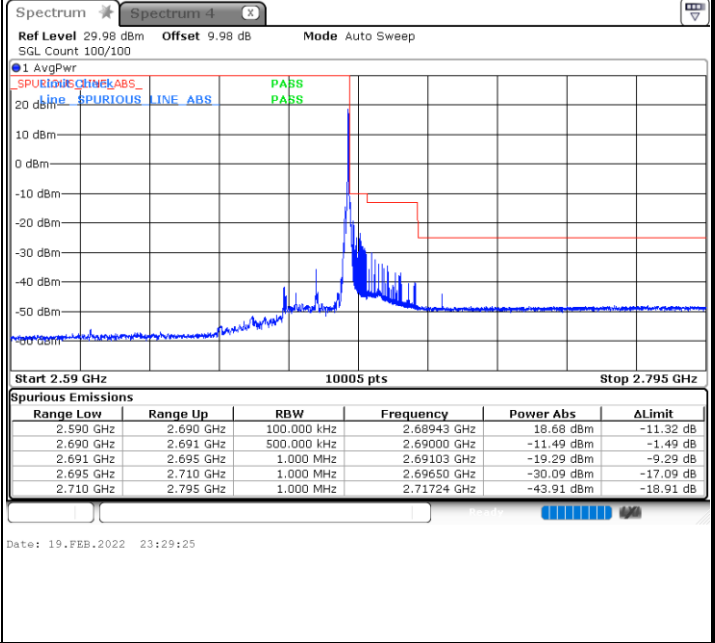


FR1 n41 / 20MHz / DFT-S OFDM / 256Q

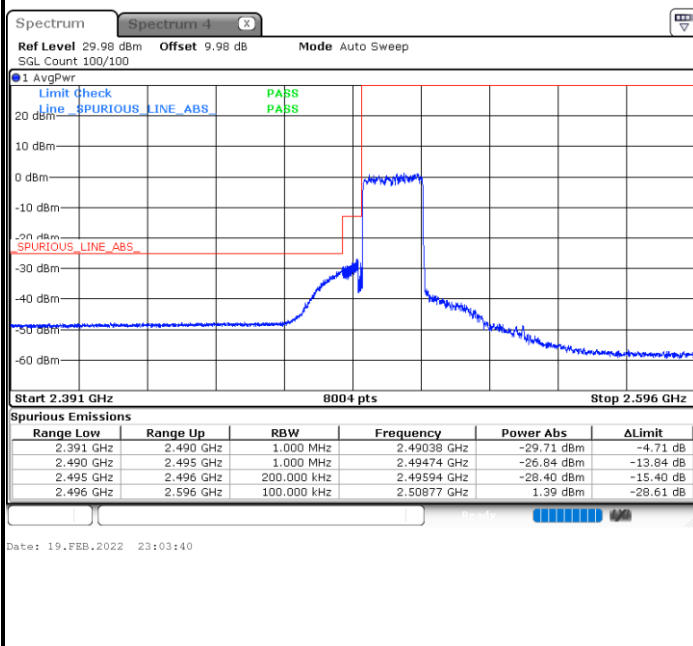
Lowest Band Edge / 1RB0



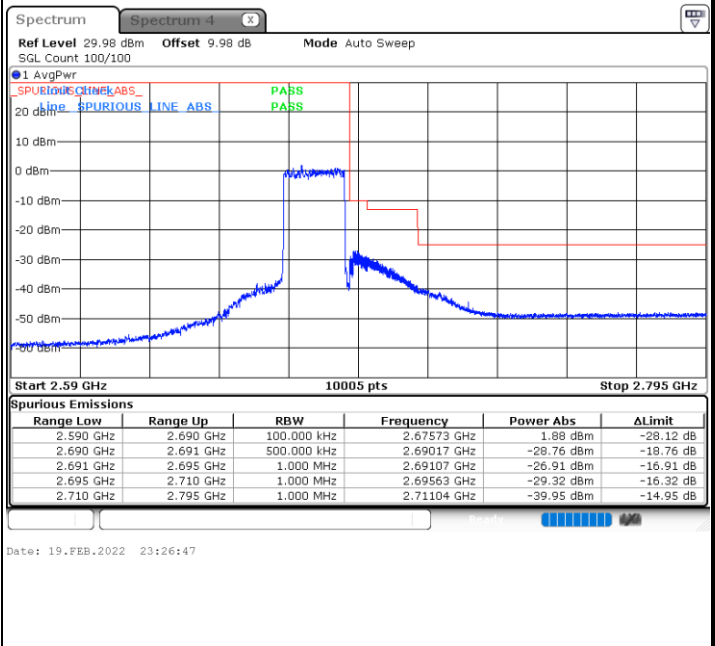
Highest Band Edge / 1RB24



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

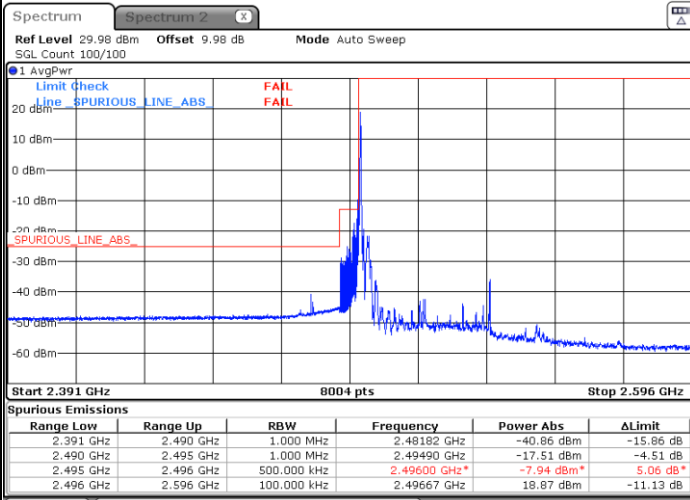




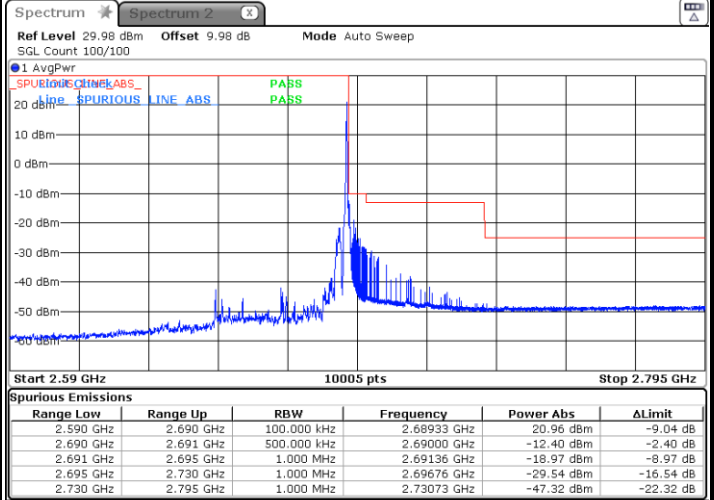
FR1 n41 / 40MHz / DFT-S OFDM / PI/2 BPSK

Lowest Band Edge / 1RB0

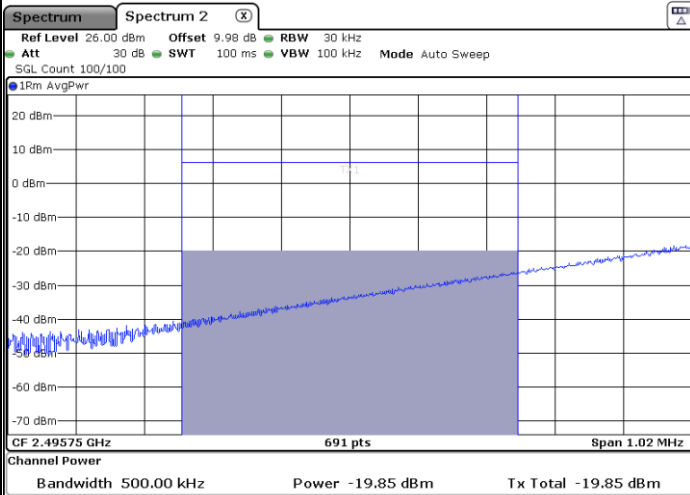
Highest Band Edge / 1RBmax



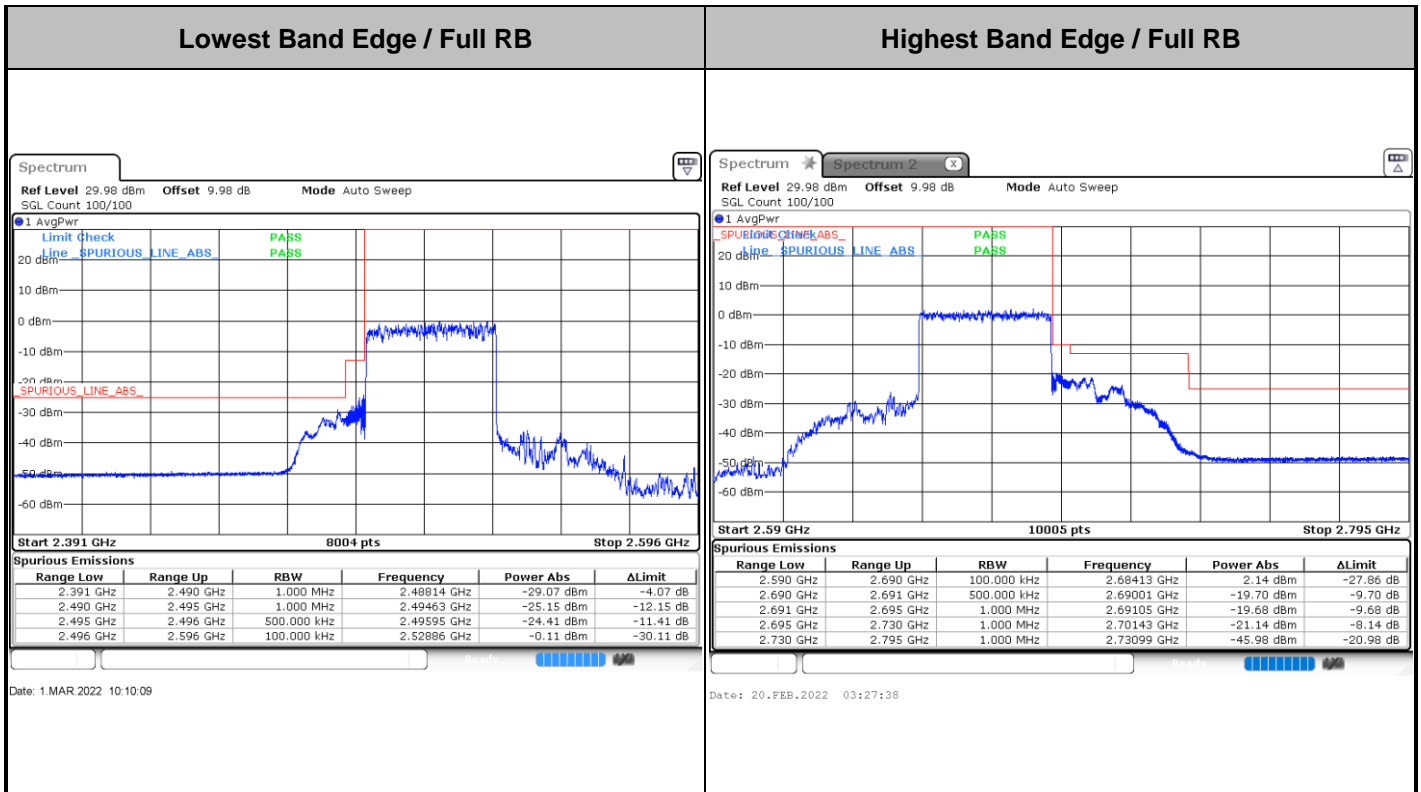
Date: 20.FEB.2022 02:38:32



Date: 20.FEB.2022 03:36:16



Date: 20.FEB.2022 03:19:17

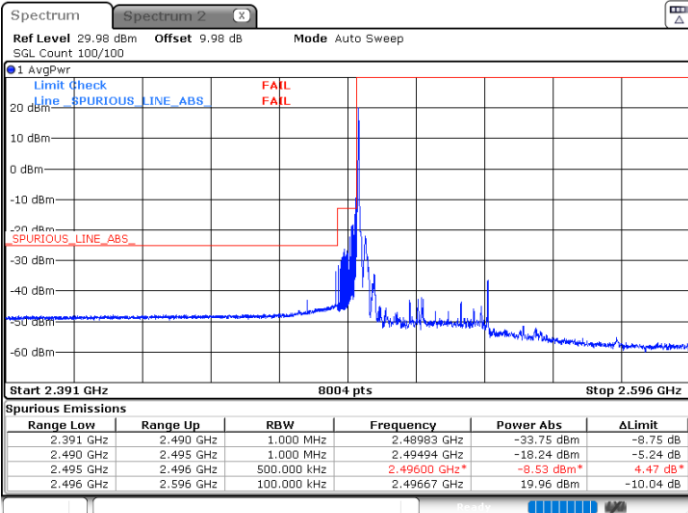




FR1 n41 / 40MHz / DFT-S OFDM / QPSK

Lowest Band Edge / 1RB0

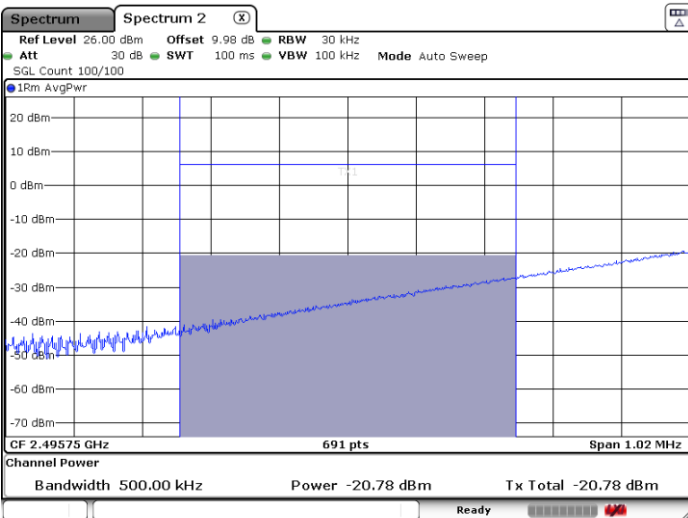
Highest Band Edge / 1RBmax



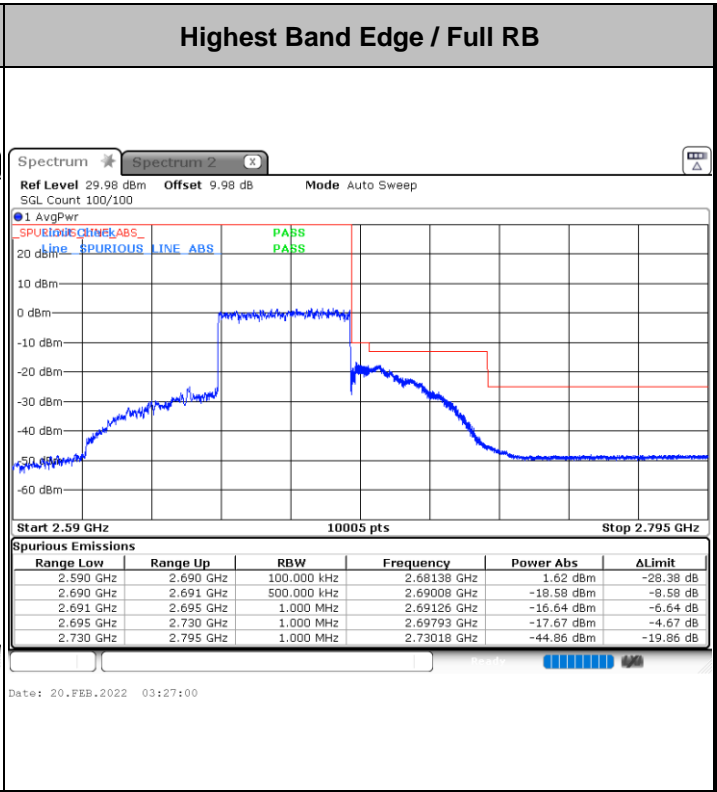
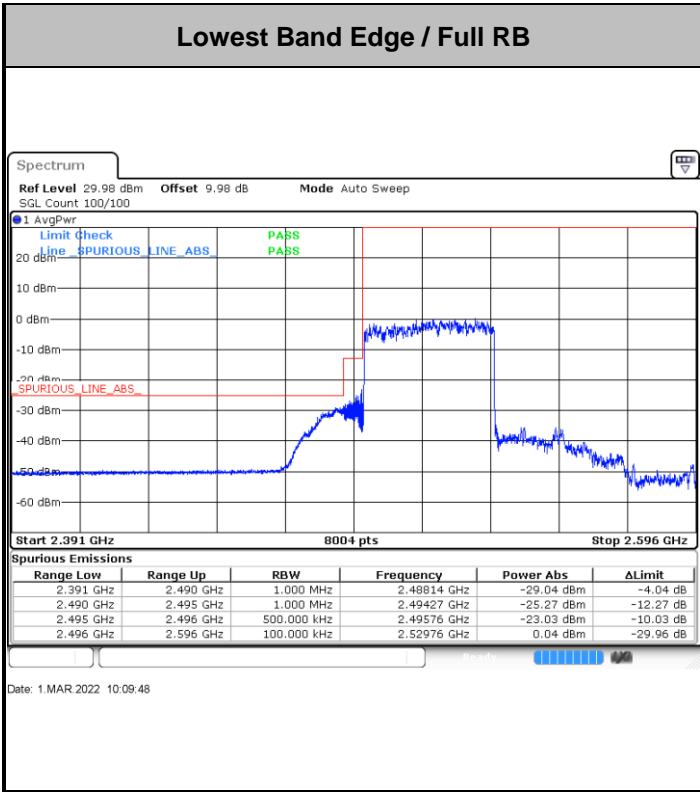
Date: 20.FEB.2022 02:38:11



Date: 20.FEB.2022 03:34:51



Date: 20.FEB.2022 03:19:52

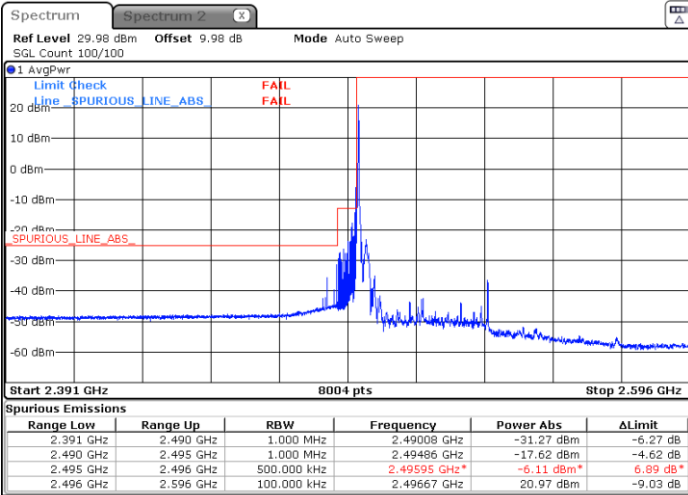




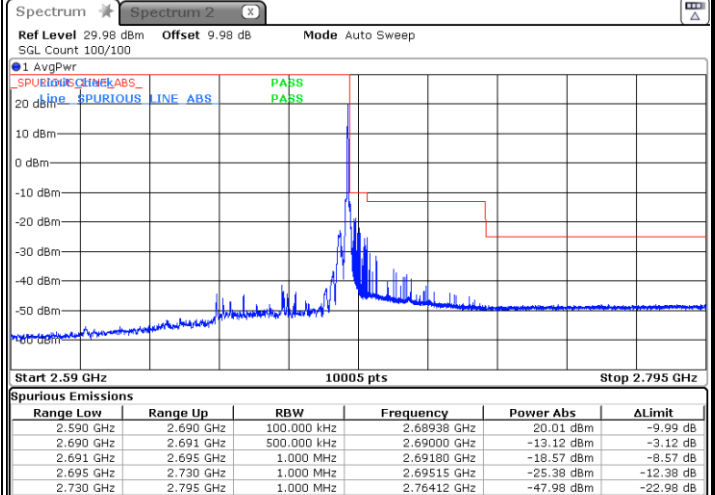
FR1 n41 / 40MHz / DFT-S OFDM / 16Q

Lowest Band Edge / 1RB0

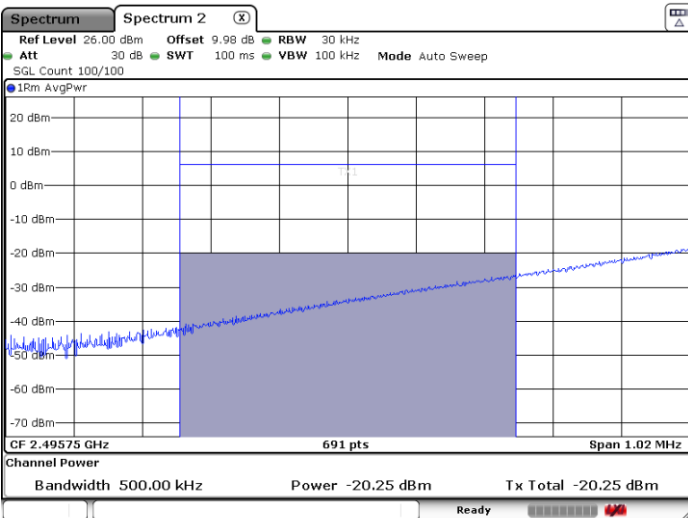
Highest Band Edge / 1RBmax



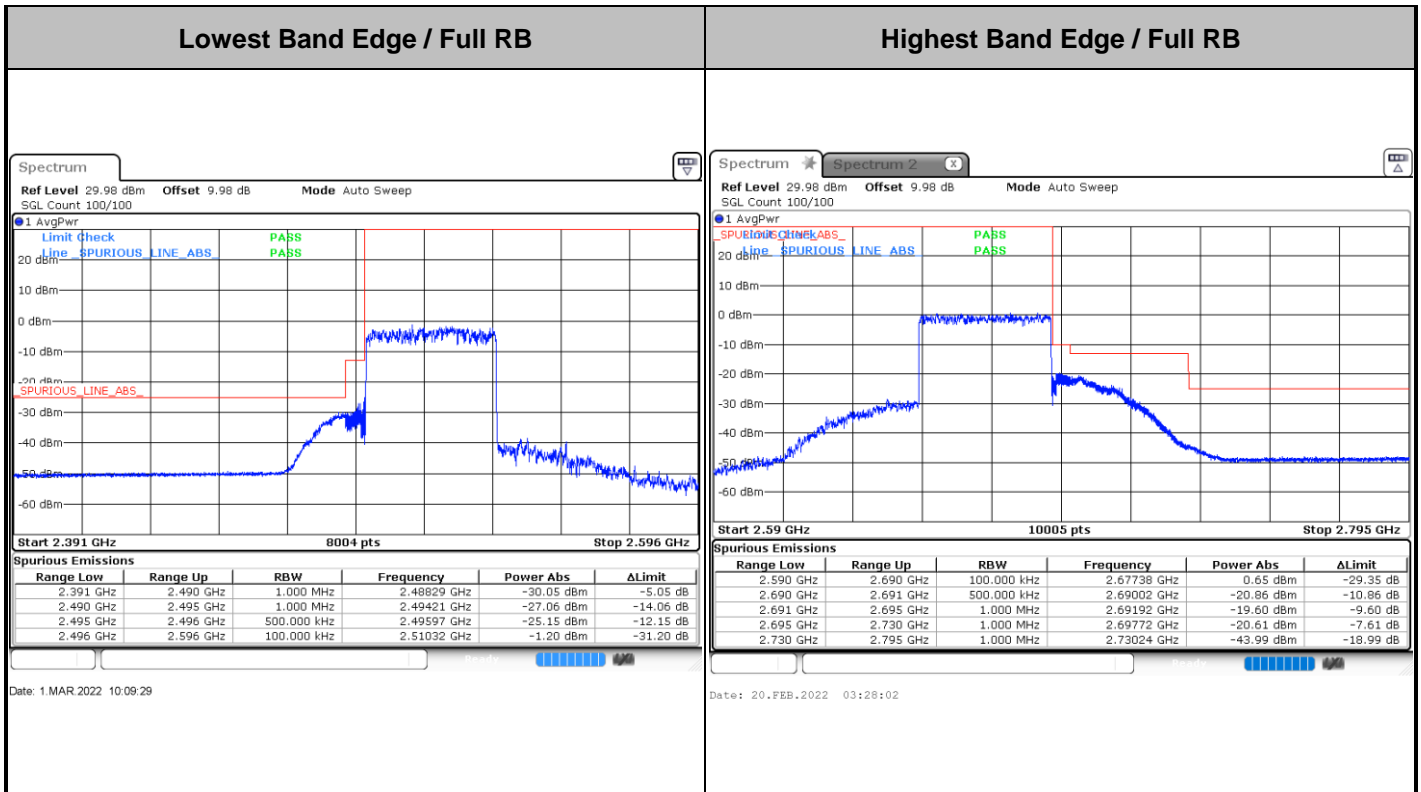
Date: 20.FEB.2022 02:37:47



Date: 20.FEB.2022 03:33:26



Date: 20.FEB.2022 03:20:20

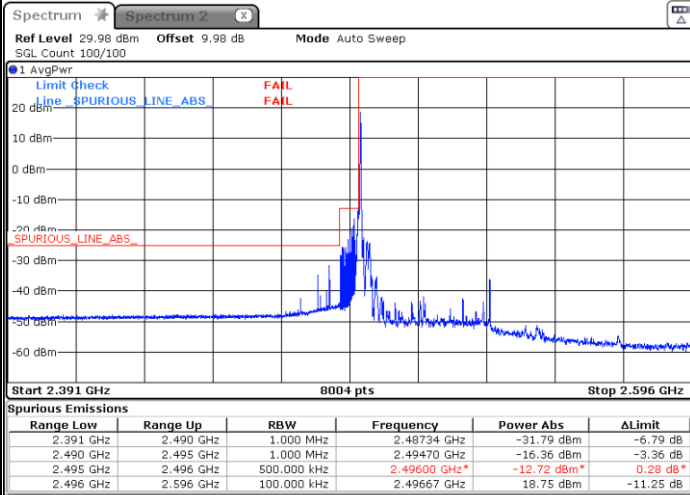




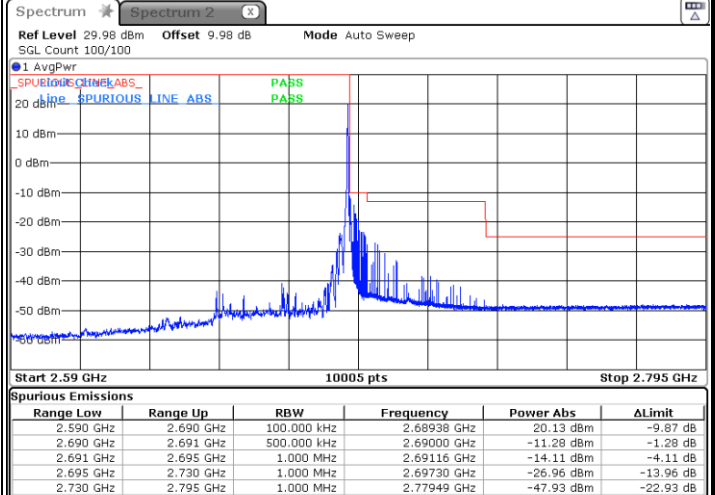
FR1 n41 / 40MHz / DFT-S OFDM / 64Q

Lowest Band Edge / 1RB0

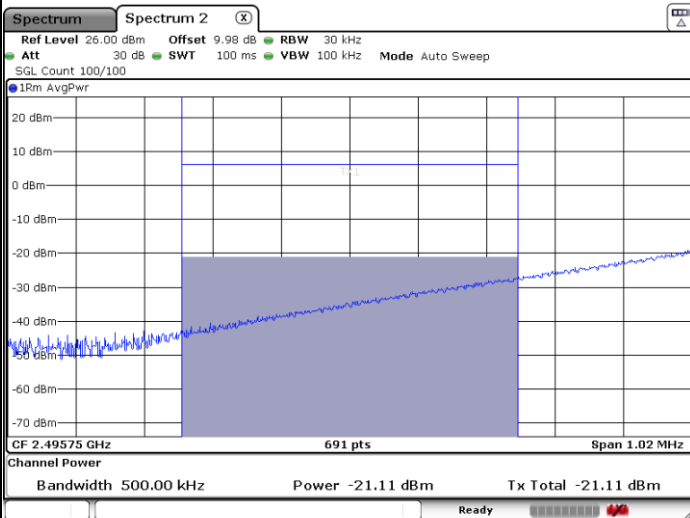
Highest Band Edge / 1RB24



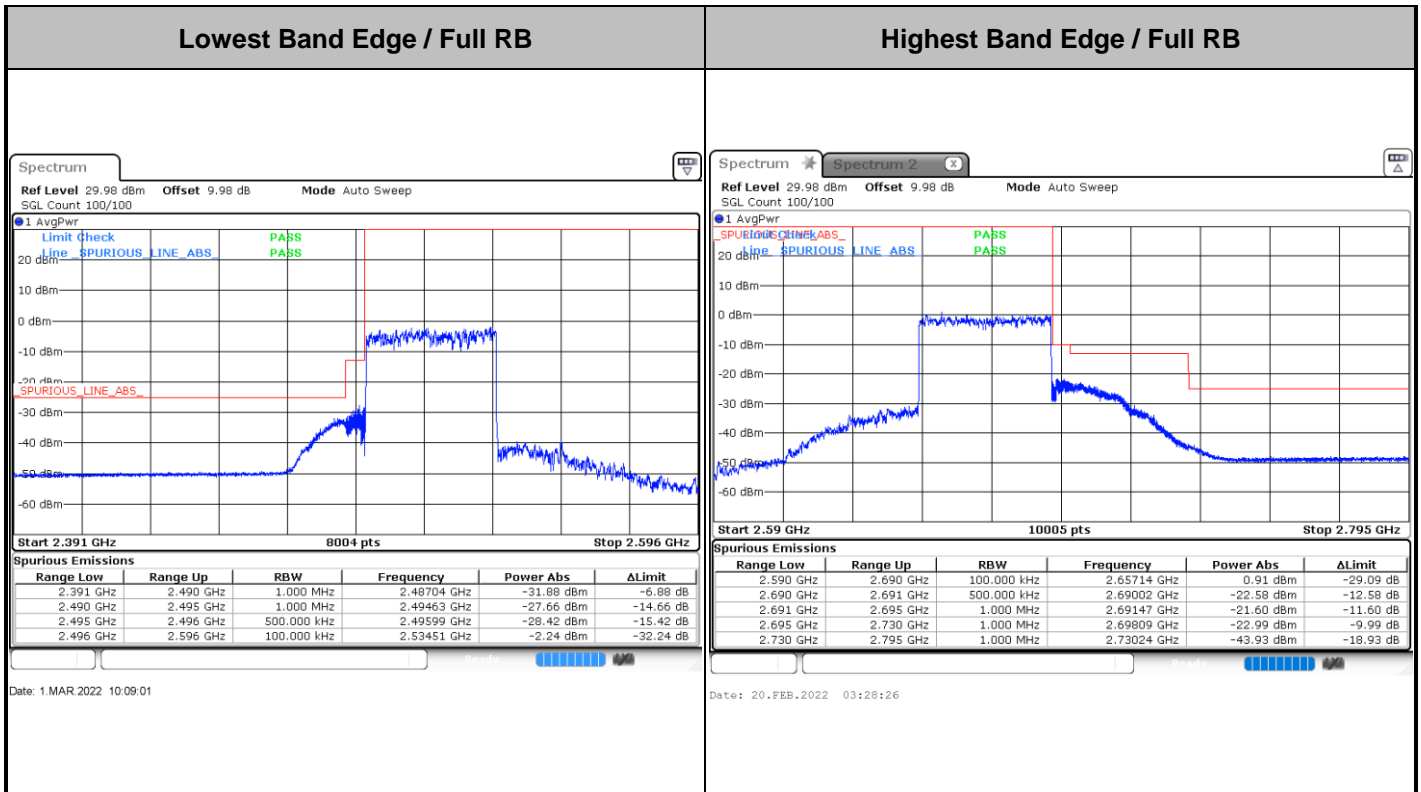
Date: 20.FEB.2022 02:37:12



Date: 20.FEB.2022 03:32:03



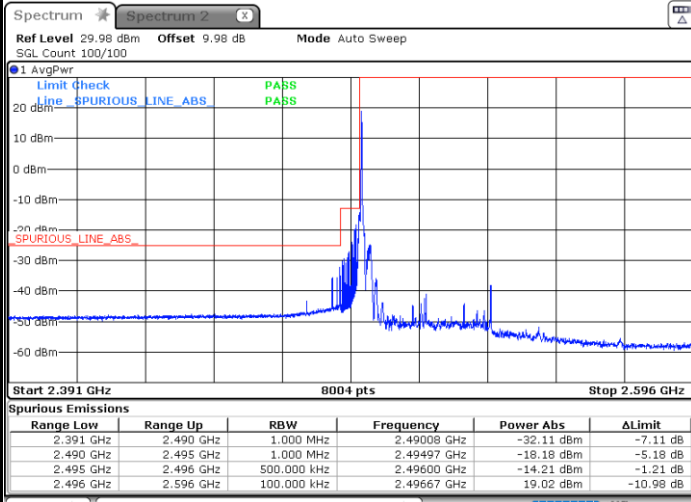
Date: 20.FEB.2022 03:20:48





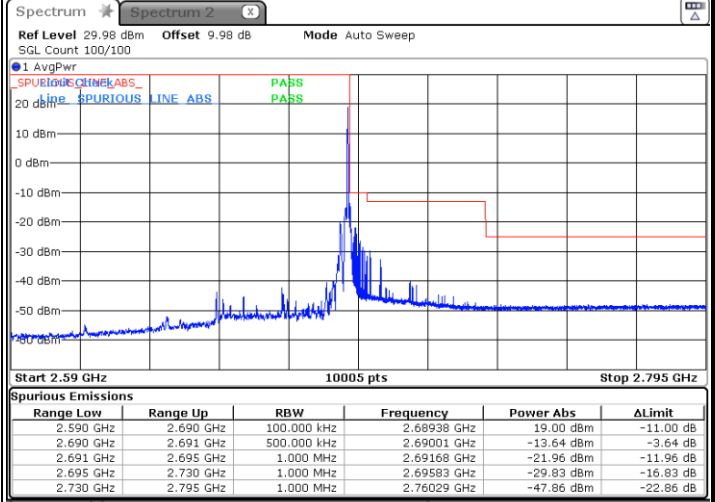
FR1 n41 / 40MHz / DFT-S OFDM / 256Q

Lowest Band Edge / 1RB0



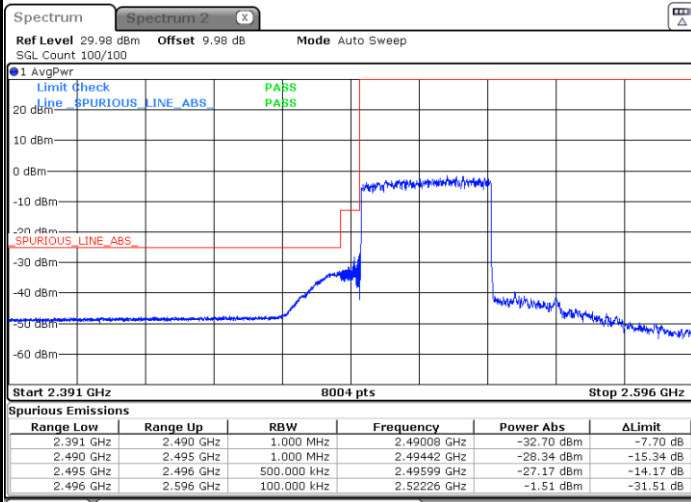
Date: 20.FEB.2022 02:33:56

Highest Band Edge / 1RB24



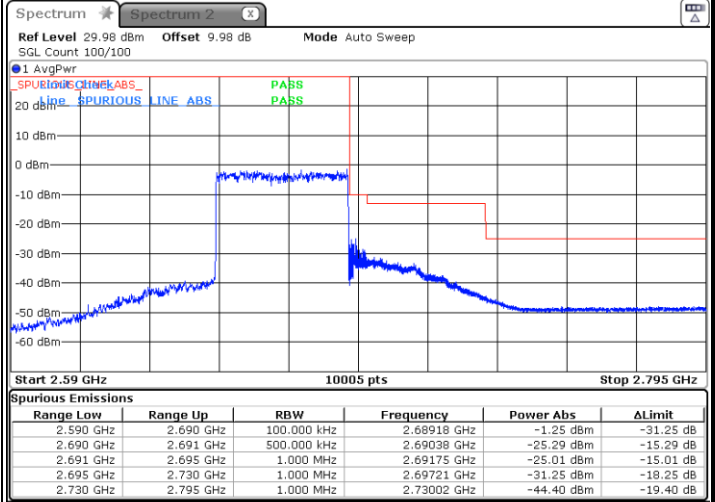
Date: 20.FEB.2022 03:30:27

Lowest Band Edge / Full RB



Date: 20.FEB.2022 01:20:11

Highest Band Edge / Full RB



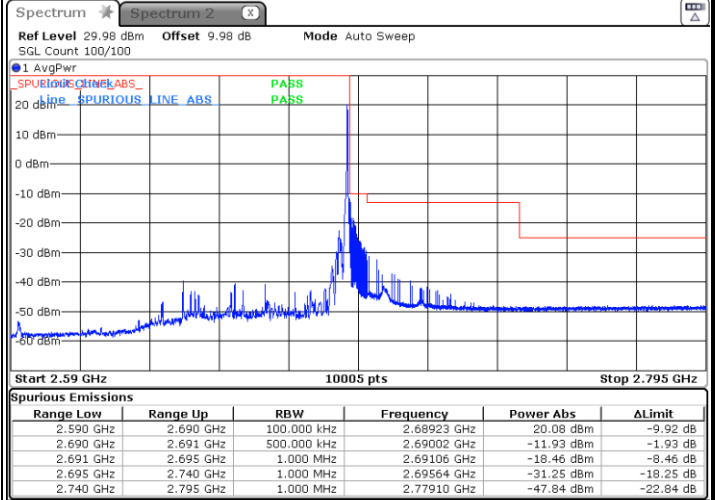
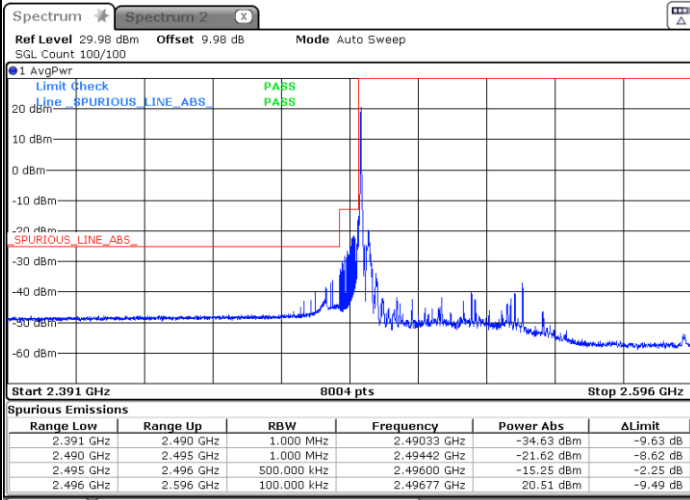
Date: 20.FEB.2022 03:28:53



FR1 n41 / 50MHz / DFT-S OFDM / PI/2 BPSK

Lowest Band Edge / 1RB0

Highest Band Edge / 1RBmax

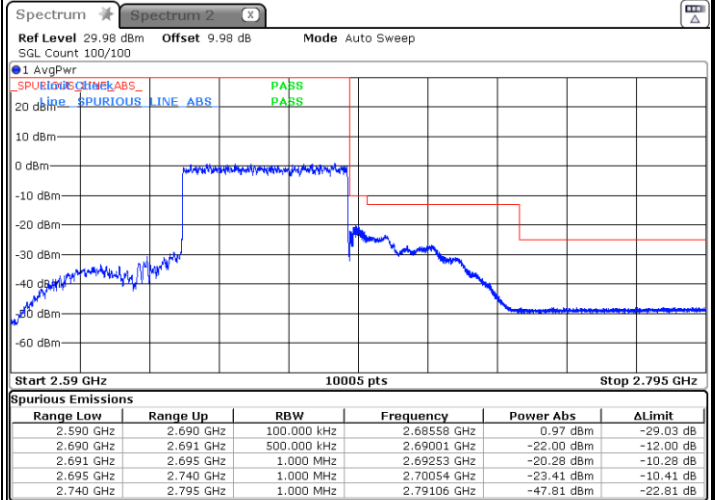
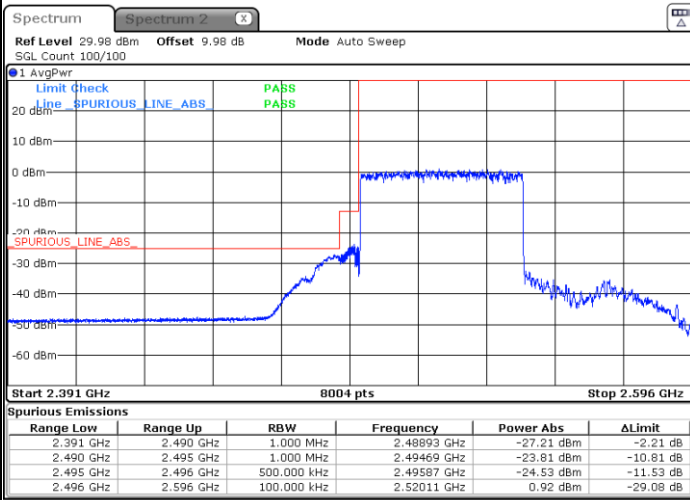


Date: 20.FEB.2022 03:48:53

Date: 20.FEB.2022 03:57:07

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 20.FEB.2022 03:39:19

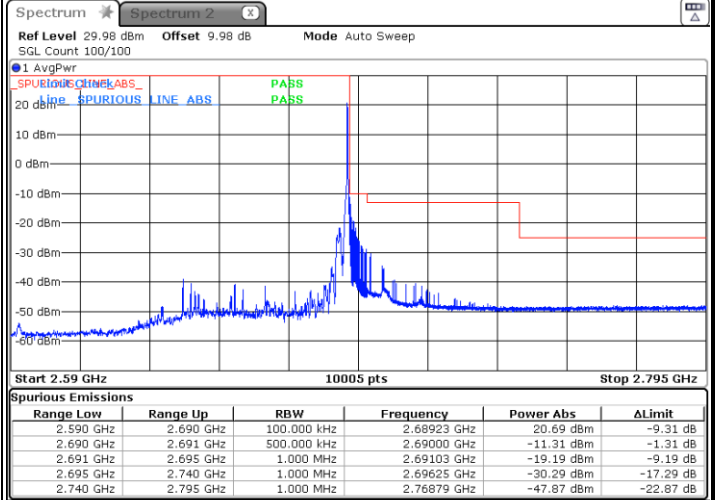
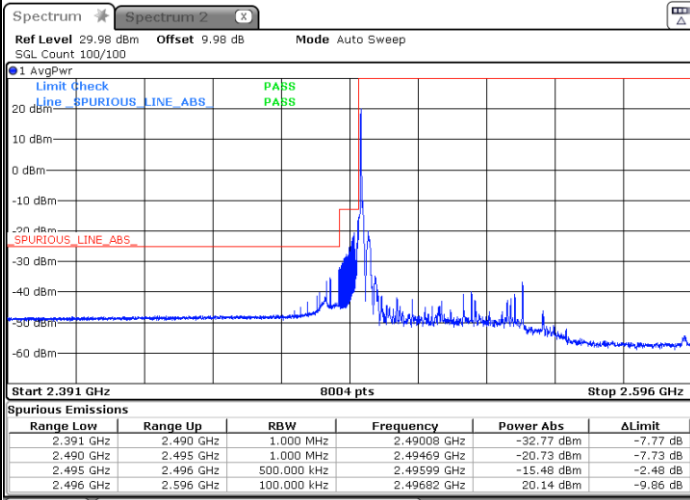
Date: 20.FEB.2022 03:52:43



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

Lowest Band Edge / 1RB0

Highest Band Edge / 1RBmax

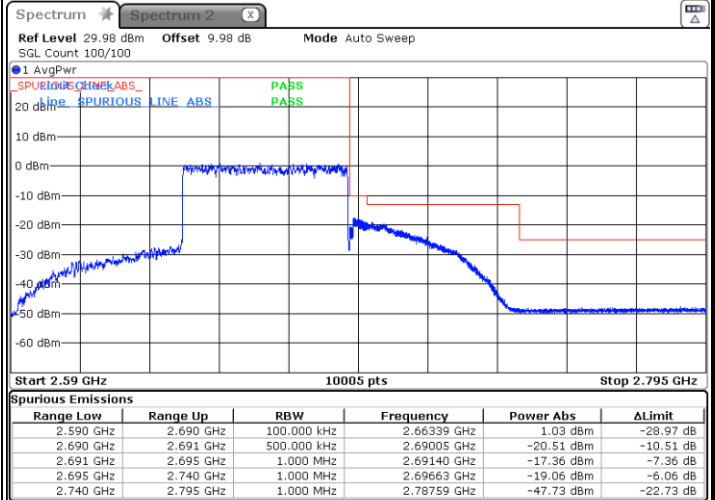
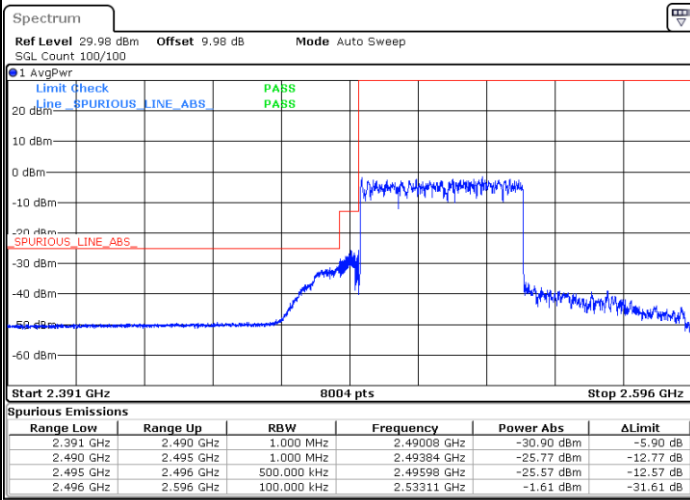


Date: 20.FEB.2022 03:47:58

Date: 20.FEB.2022 03:56:37

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 1.MAR.2022 10:11:27

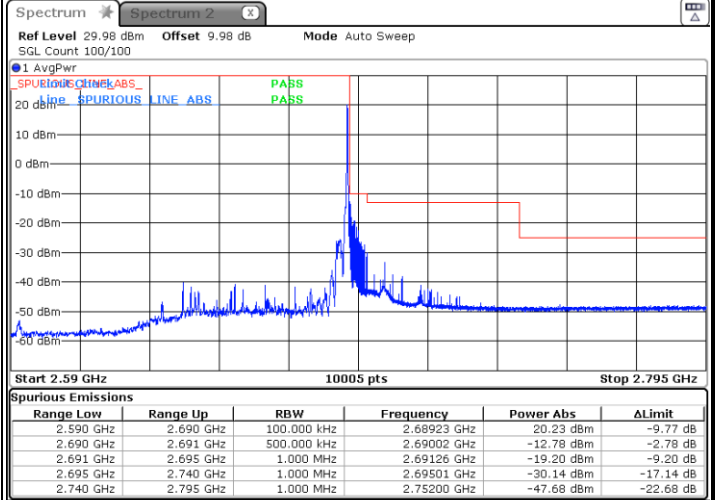
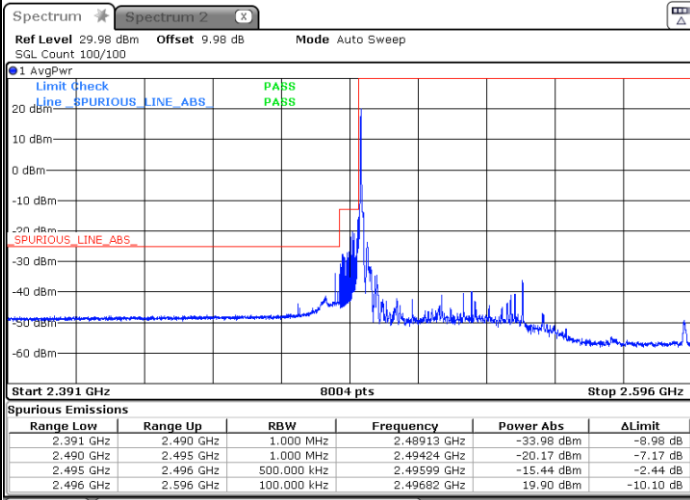
Date: 20.FEB.2022 03:53:06



FR1 n41 / 50MHz / DFT-S OFDM / 16Q

Lowest Band Edge / 1RB0

Highest Band Edge / 1RBmax

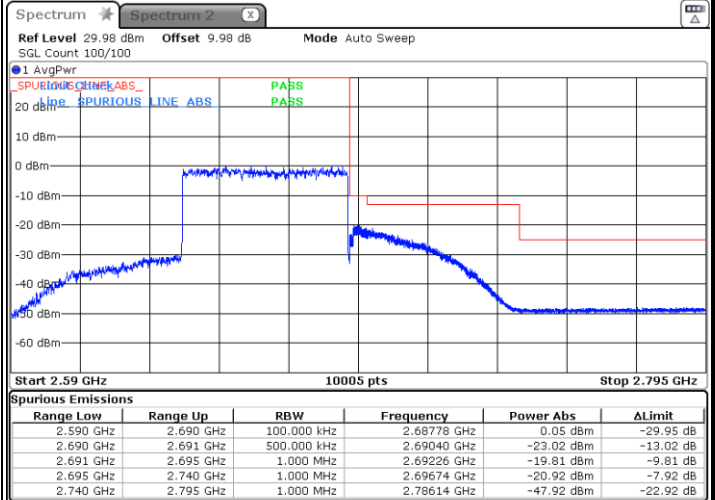
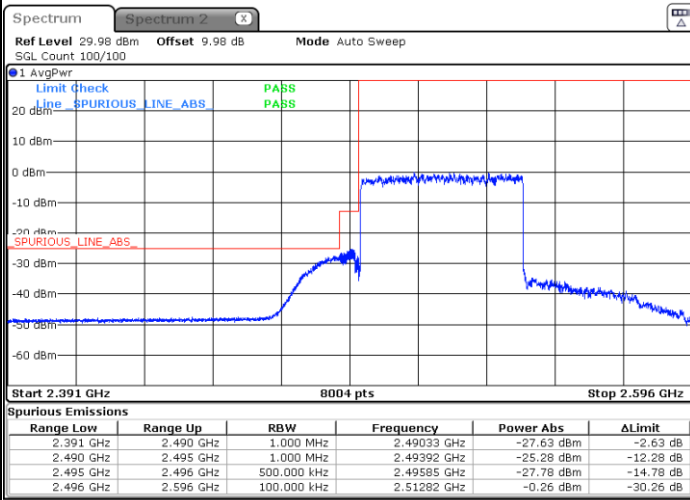


Date: 20.FEB.2022 03:47:01

Date: 20.FEB.2022 03:56:10

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



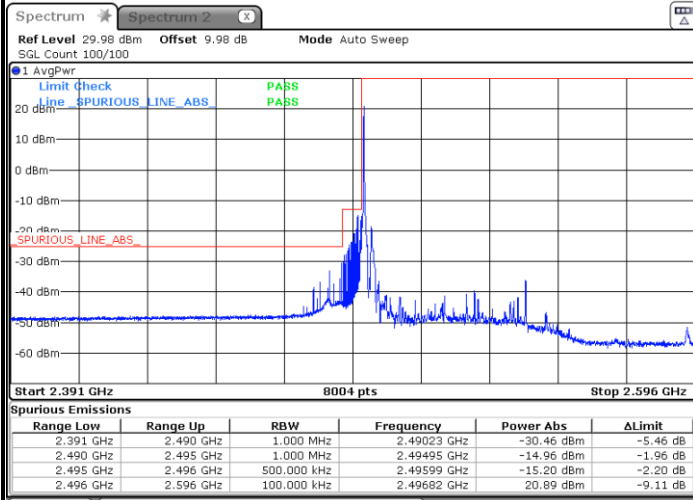
Date: 20.FEB.2022 03:43:46

Date: 20.FEB.2022 03:53:30



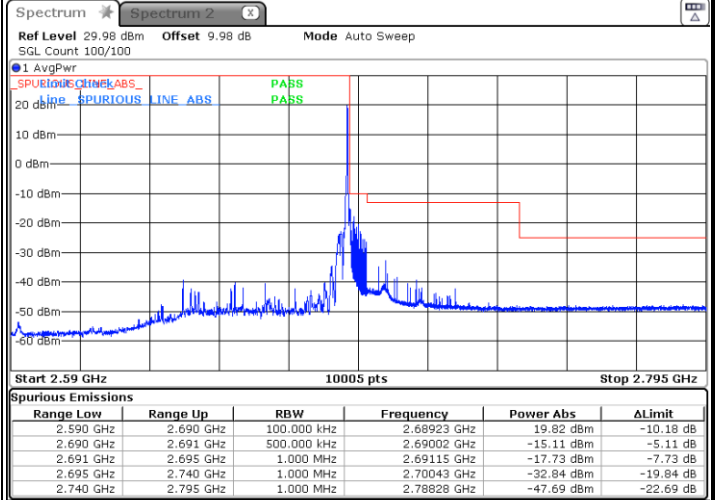
FR1 n41 / 50MHz / DFT-S OFDM / 64Q

Lowest Band Edge / 1RB0



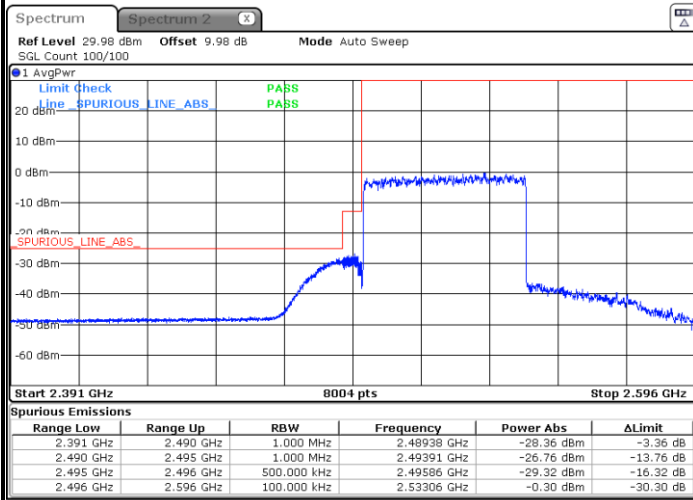
Date: 20.FEB.2022 03:46:24

Highest Band Edge / 1RB24



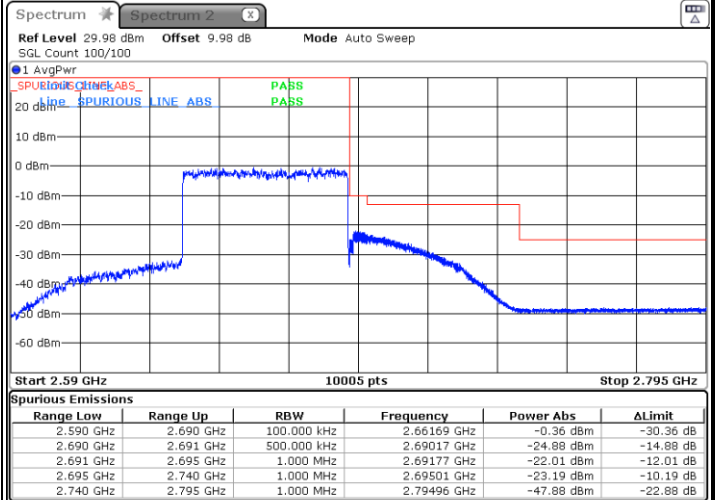
Date: 20.FEB.2022 03:55:41

Lowest Band Edge / Full RB



Date: 20.FEB.2022 03:44:02

Highest Band Edge / Full RB

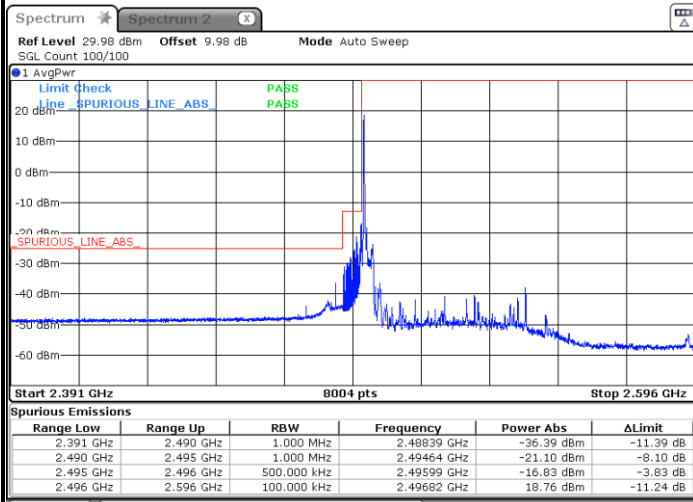


Date: 20.FEB.2022 03:53:52



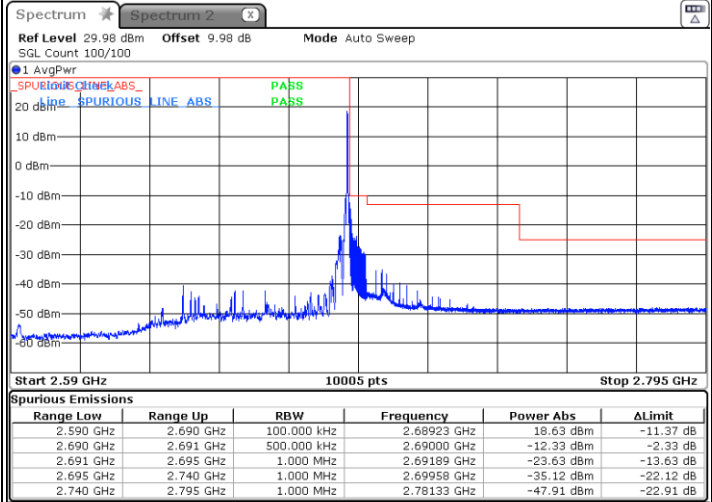
FR1 n41 / 50MHz / DFT-S OFDM / 256Q

Lowest Band Edge / 1RB0



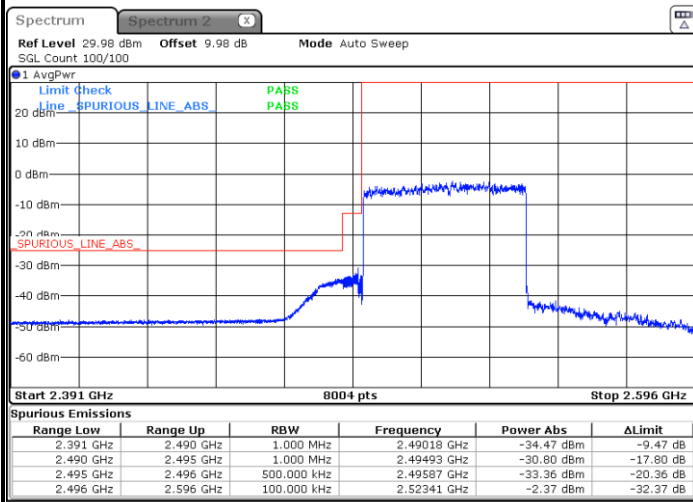
Date: 20.FEB.2022 03:45:47

Highest Band Edge / 1RB24



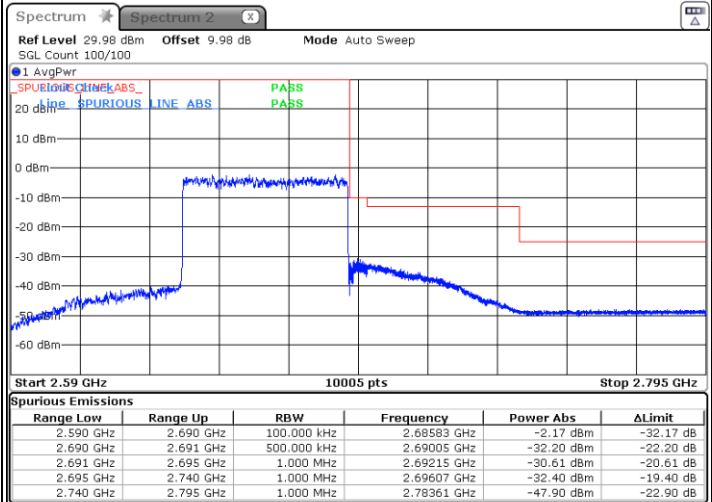
Date: 20.FEB.2022 03:54:59

Lowest Band Edge / Full RB



Date: 20.FEB.2022 03:44:24

Highest Band Edge / Full RB



Date: 20.FEB.2022 03:54:19



Conducted Spurious Emission

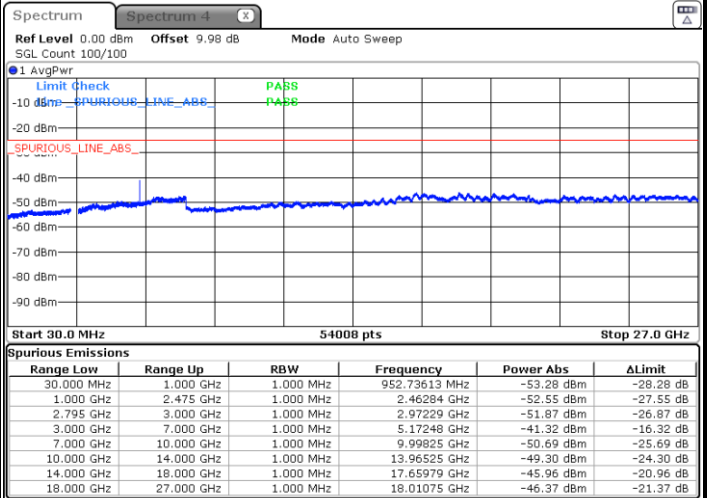
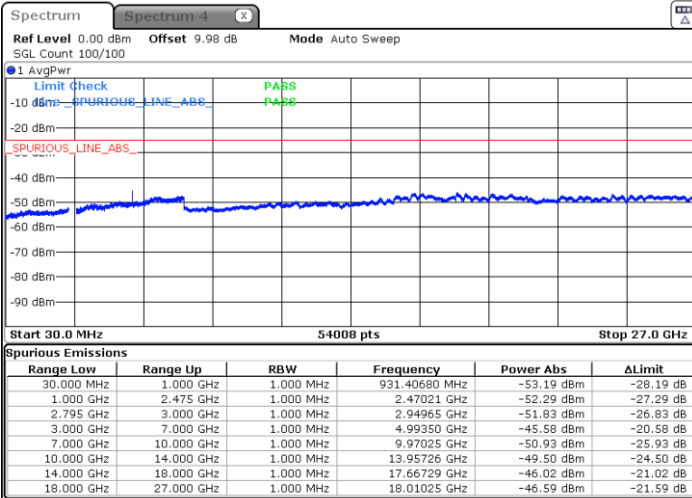




FR1 n41 / 15MHz / DFT-S OFDM / QPSK

Lowest Channel / 1RB1

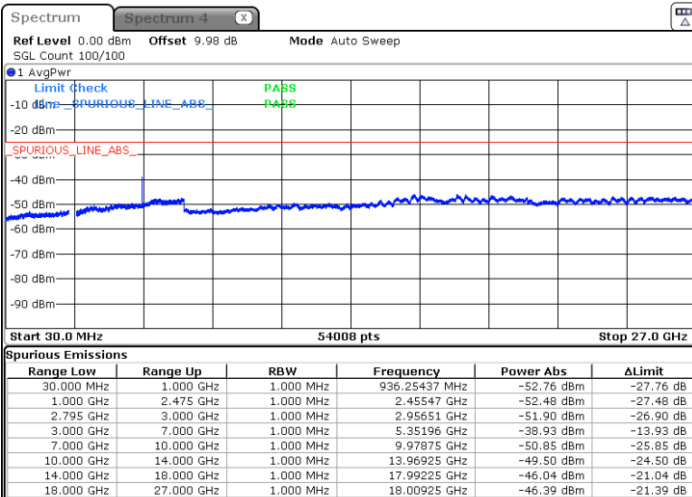
Middle Channel / 1RB1



Date: 19.FEB.2022 22:31:12

Date: 19.FEB.2022 22:32:13

Highest Channel / 1RB1



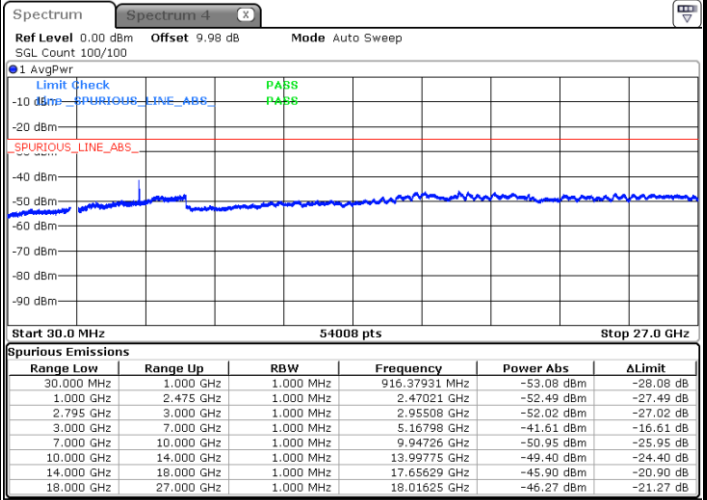
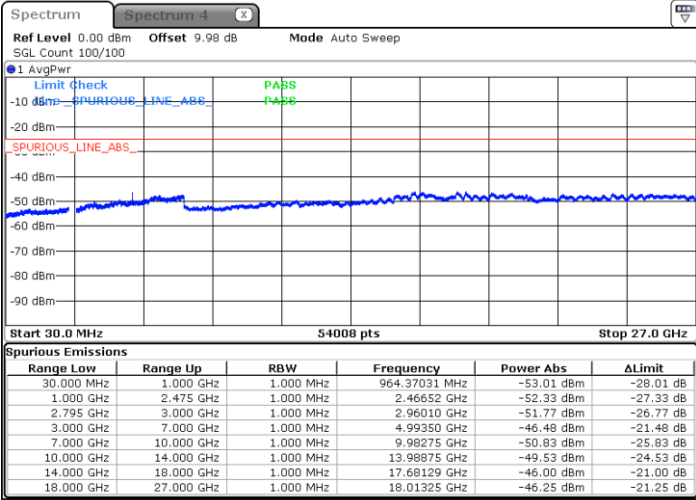
Date: 19.FEB.2022 22:33:16



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

Lowest Channel / 1RB1

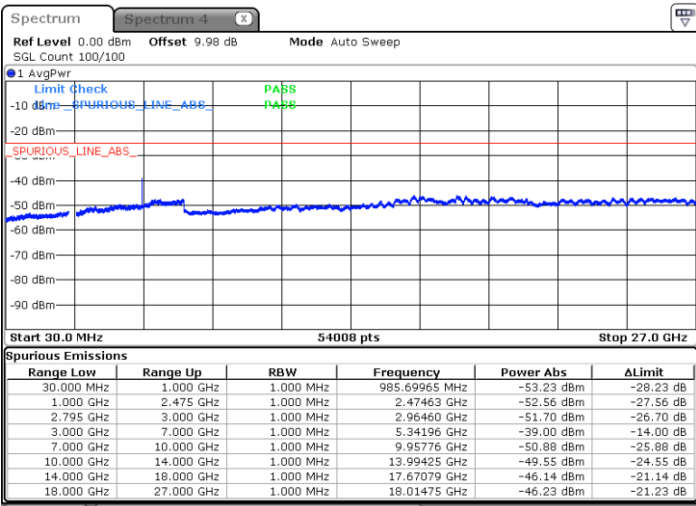
Middle Channel / 1RB1



Date: 19.FEB.2022 23:10:53

Date: 19.FEB.2022 23:19:03

Highest Channel / 1RB1



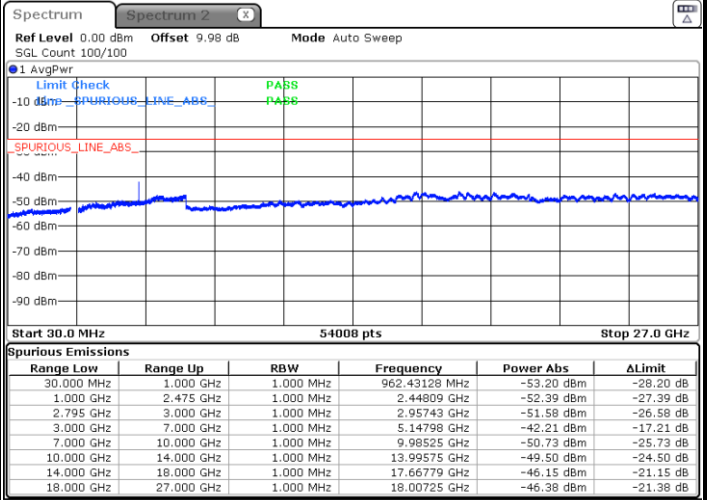
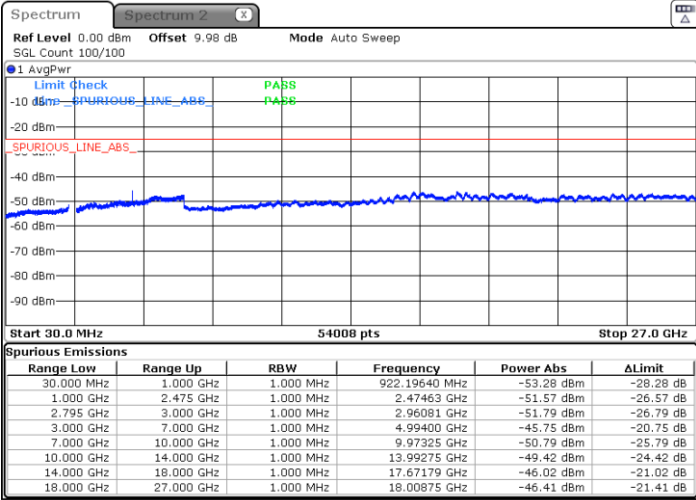
Date: 19.FEB.2022 23:21:23



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

Lowest Channel / 1RB1

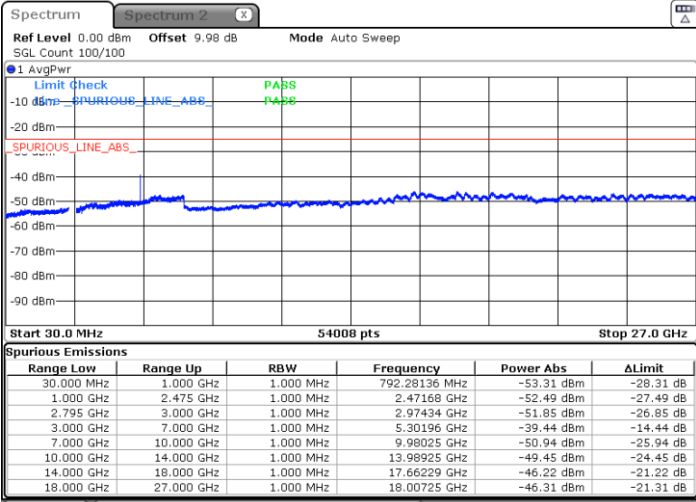
Middle Channel / 1RB1



Date: 20.FEB.2022 03:22:37

Date: 20.FEB.2022 03:24:34

Highest Channel / 1RB1



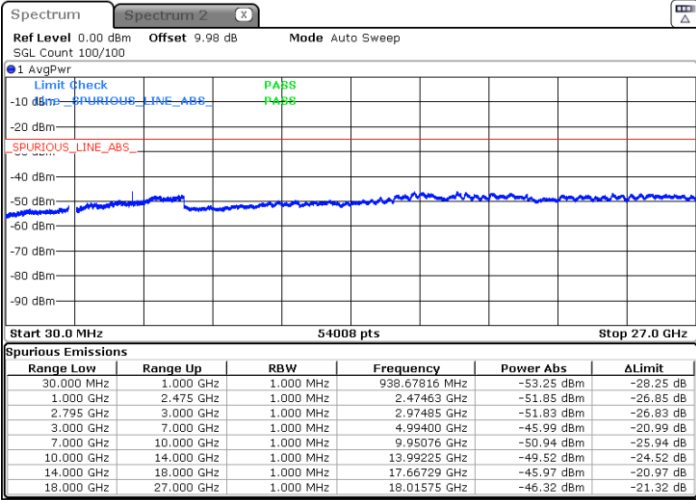
Date: 20.FEB.2022 03:25:38



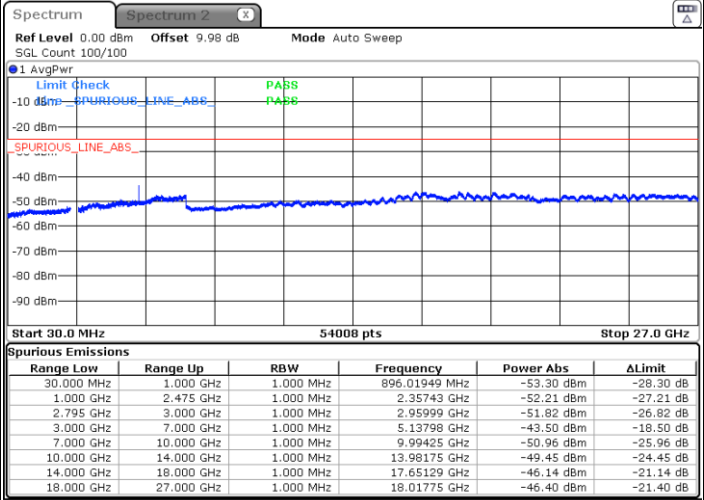
FR1 n41 / 50MHz / DFT-S OFDM / QPSK

Lowest Channel / 1RB1

Middle Channel / 1RB1

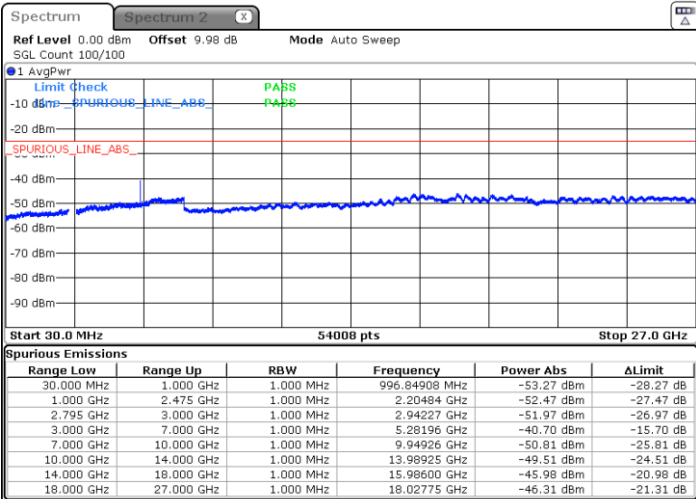


Date: 20.FEB.2022 03:49:55



Date: 20.FEB.2022 03:51:07

Highest Channel / 1RB1



Date: 20.FEB.2022 03:52:11



Frequency Stability

Test Conditions		FR1 n41 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 20MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0022	PASS
40	Normal Voltage	0.0012	
30	Normal Voltage	0.0022	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0006	
0	Normal Voltage	0.0031	
-10	Normal Voltage	0.0035	
-20	Normal Voltage	0.0002	
-30	Normal Voltage	0.0015	
20	Maximum Voltage	0.0001	
20	Normal Voltage	0.0008	
20	Battery End Point	0.0031	

Note:

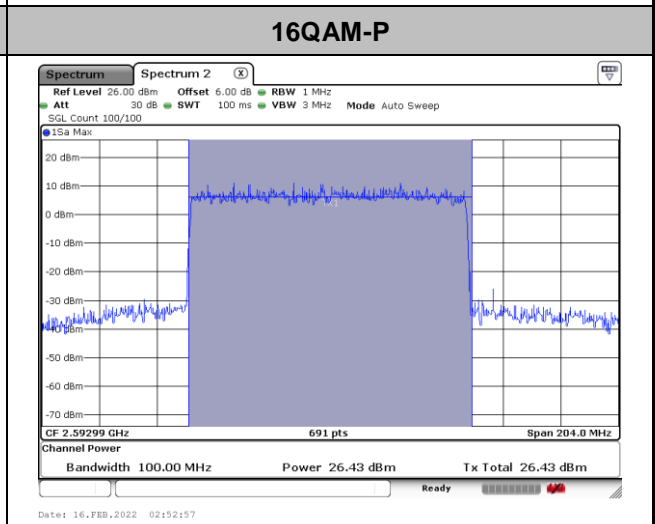
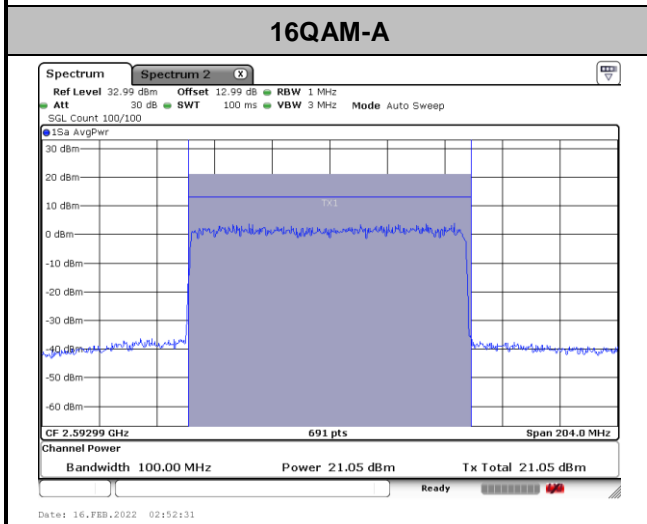
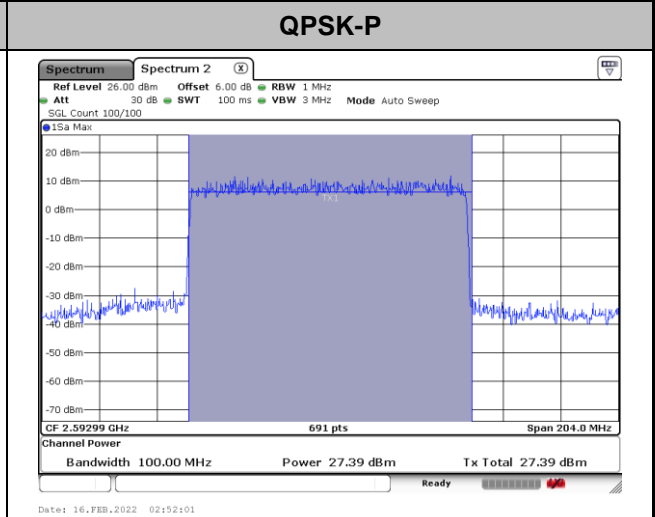
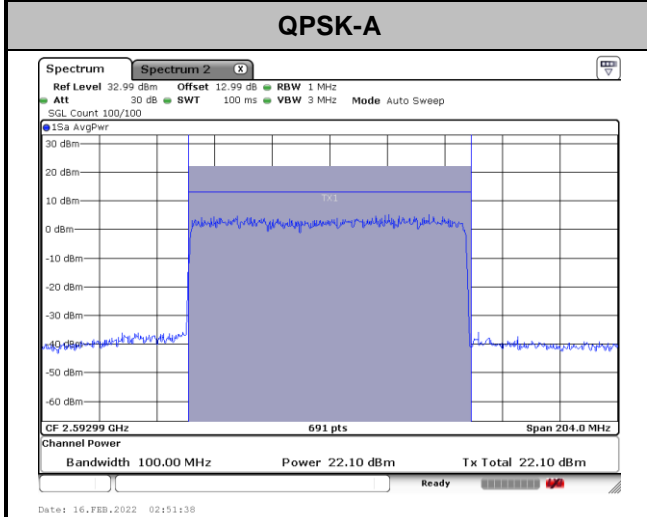
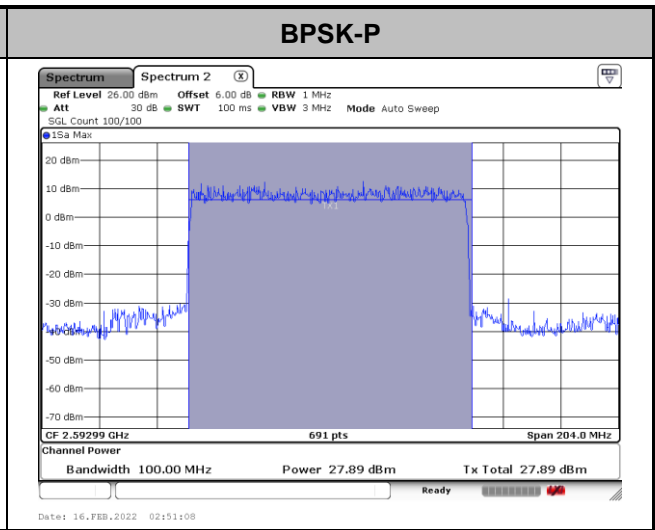
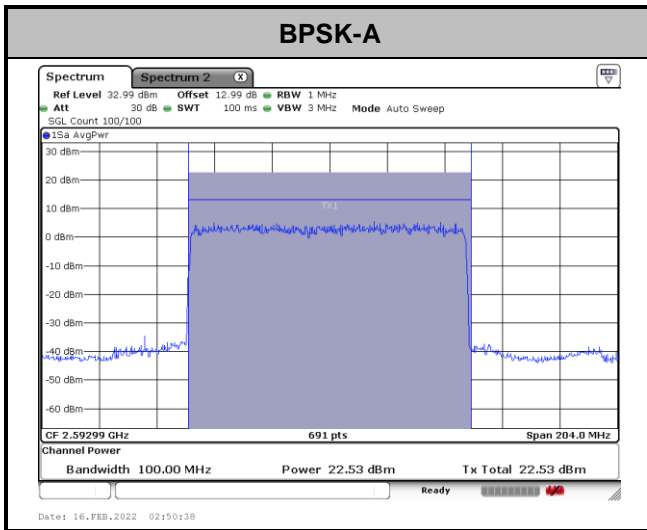
- 1. Normal Voltage =3.87 V. ; Battery End Point (BEP) =3.6 V. ; Maximum Voltage =4.45 V.
- 2. Note: The frequency fundamental emissions stay within the authorized frequency block.

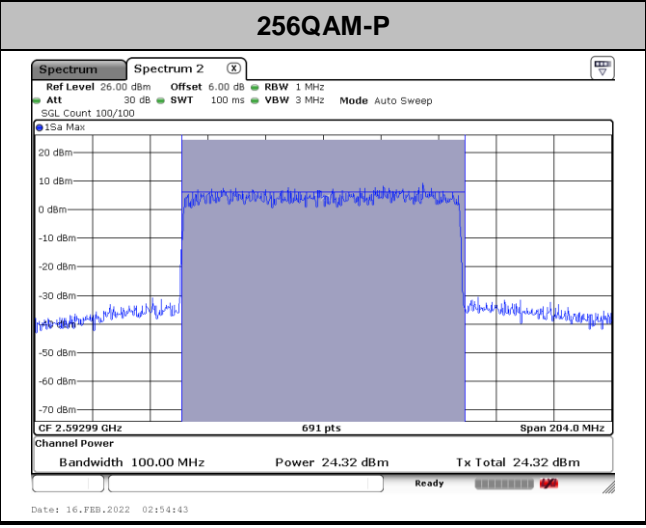
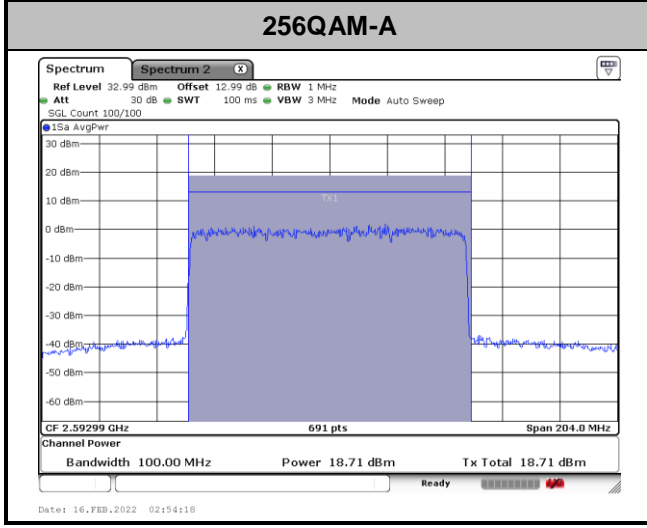
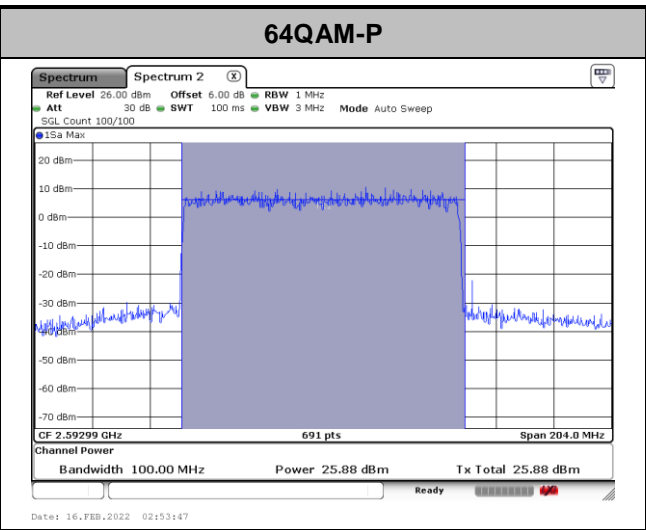
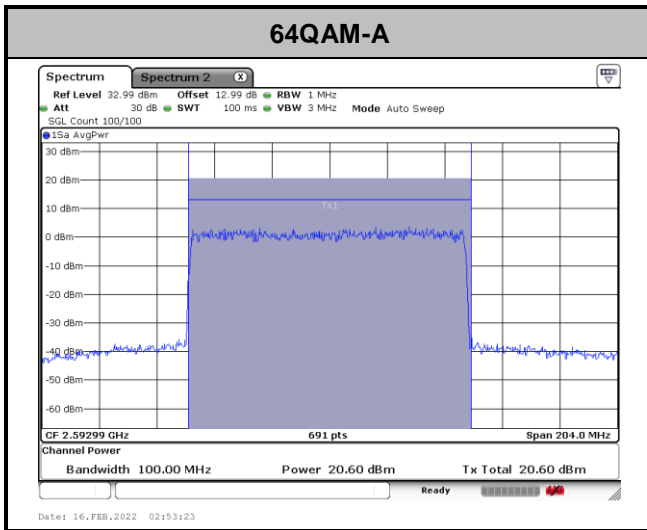


FR1 n41

Peak-to-Average Ratio

Mode	FR1 n41 / 100MHz / DFT-S OFDM				
Mod.	100M				Limit: 13dB
RB Size	BPSK	QPSK	16QAM	64QAM	Result
Middle CH	5.36	5.29	5.38	5.28	PASS
RB Size	256QAM				
Middle CH	5.61				

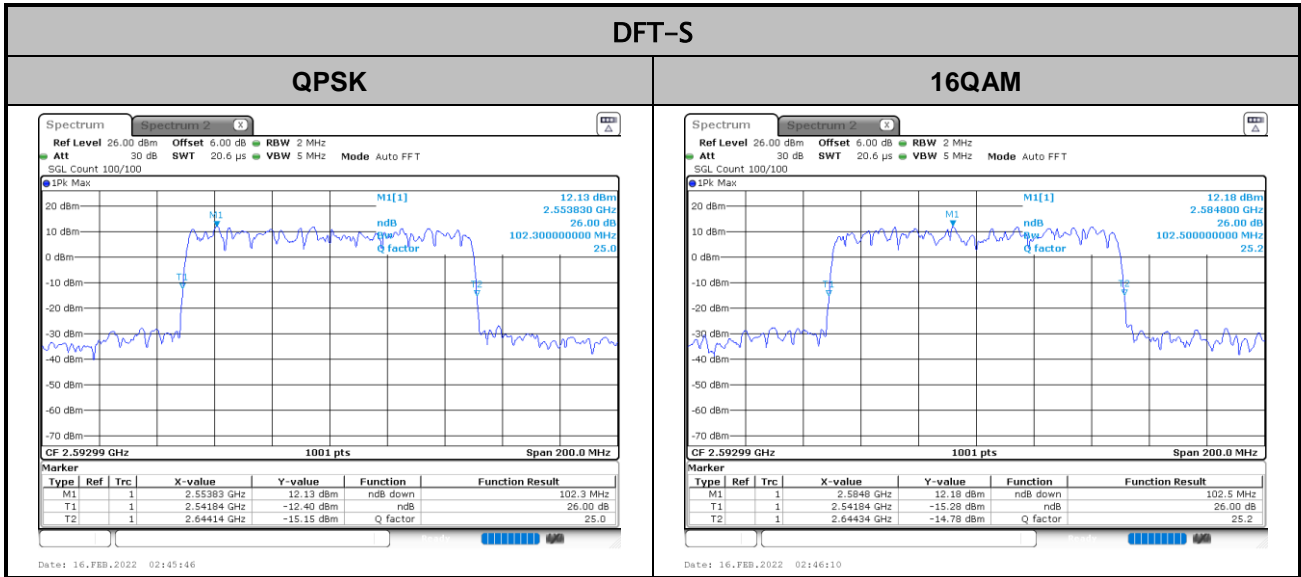






26dB Bandwidth

Mode	FR1 n41 : 26dB BW(100MHz) / DFT-S OFDM	
BW	DFT-S	
Mod.	QPSK	16QAM
Middle CH	102.3	102.5





Occupied Bandwidth

Mode	FR1 n41 : OB BW(100MHz) / DFT-S OFDM	
BW	DFT-S	
Mod.	QPSK	16QAM
Middle CH	97.10	97.50

