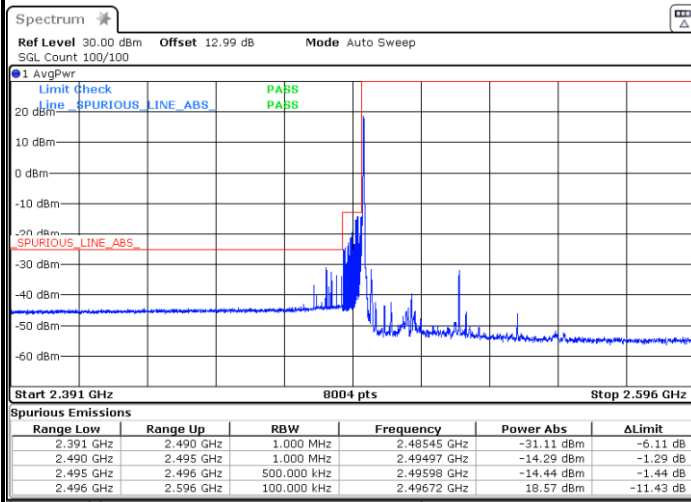


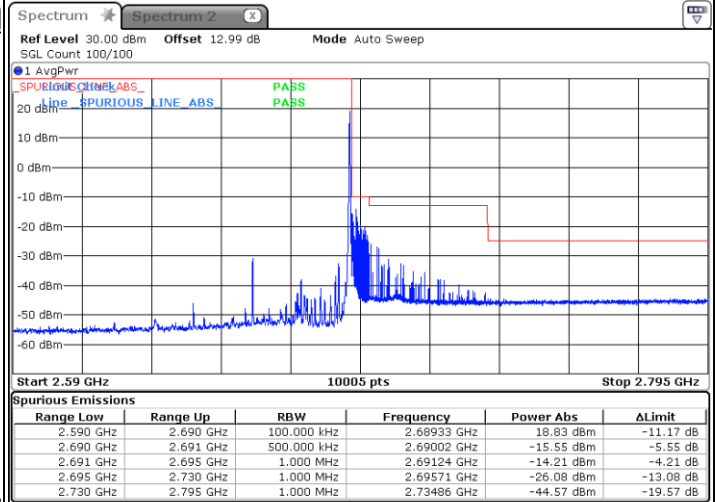


FR1 n41 / 30MHz / DFT-S OFDM / 64Q

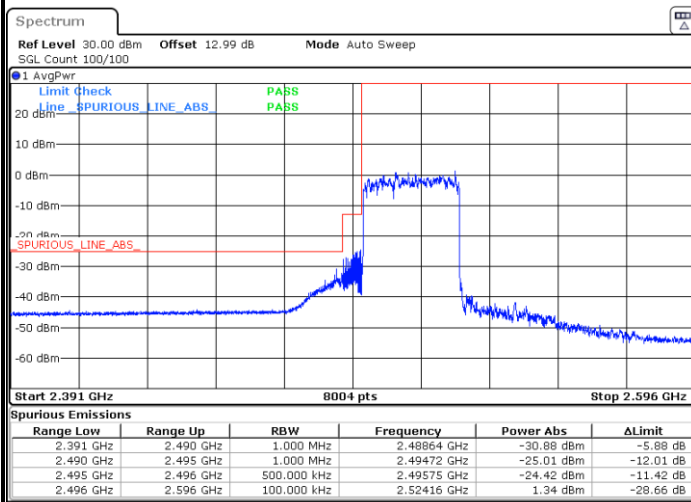
Lowest Band Edge / 1RB0



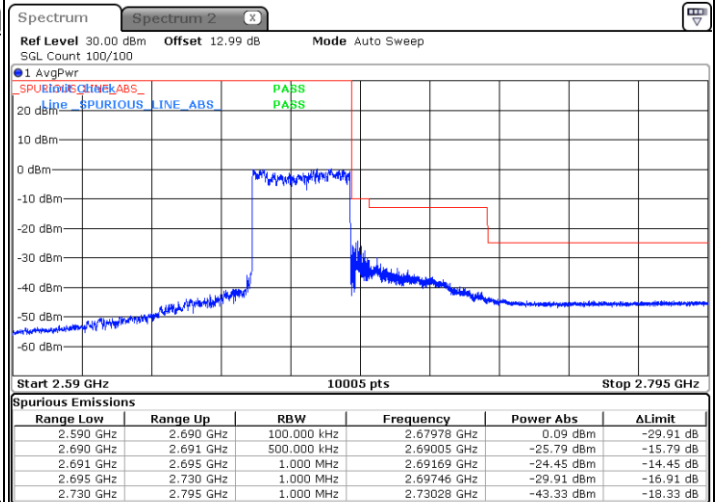
Highest Band Edge / 1RBmax



Lowest Band Edge / Full RB



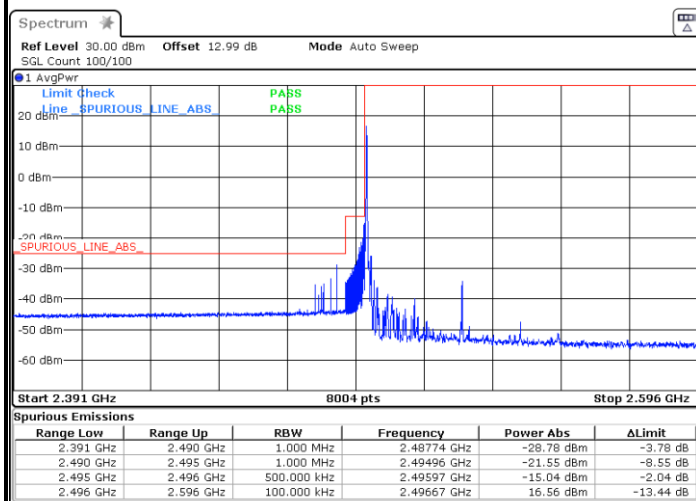
Highest Band Edge / Full RB



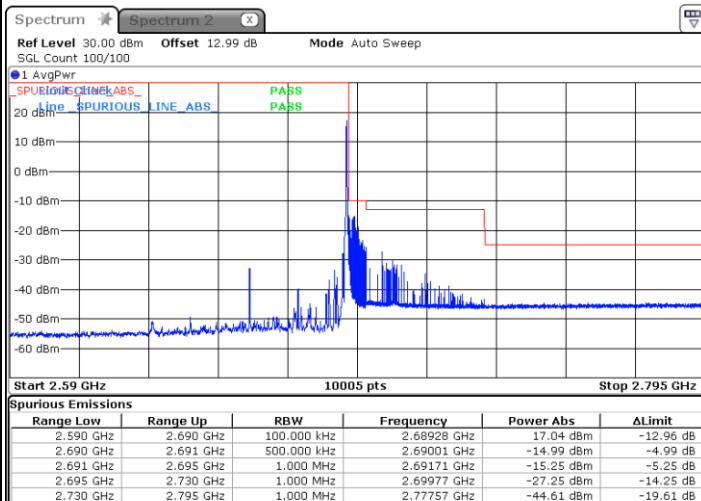


FR1 n41 / 30MHz / DFT-S OFDM / 256Q

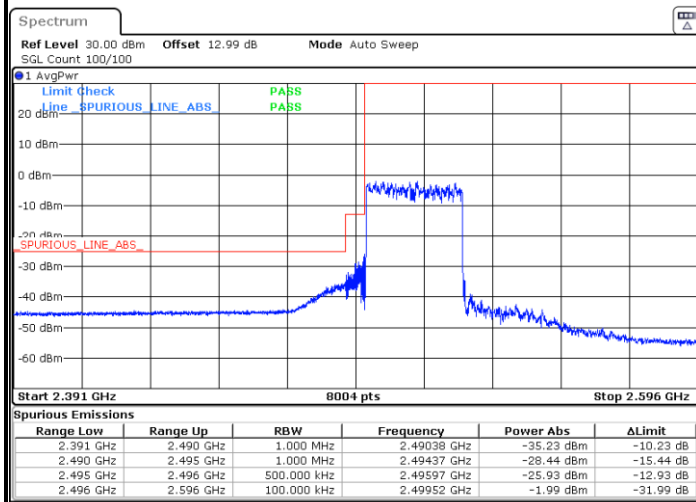
Lowest Band Edge / 1RB0



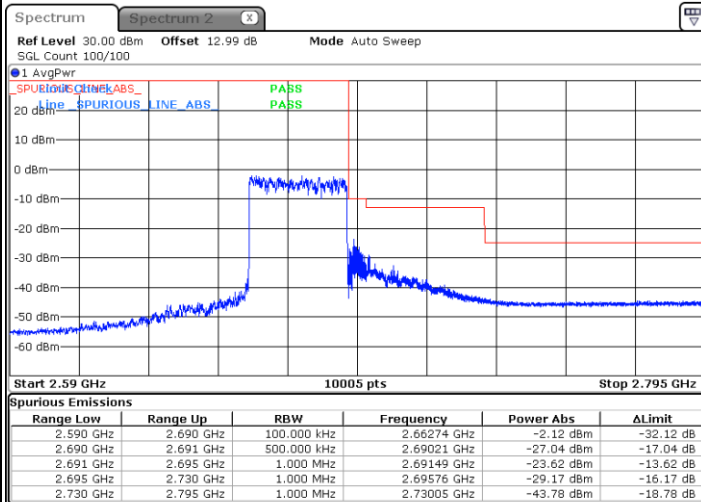
Highest Band Edge / 1RBmax



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

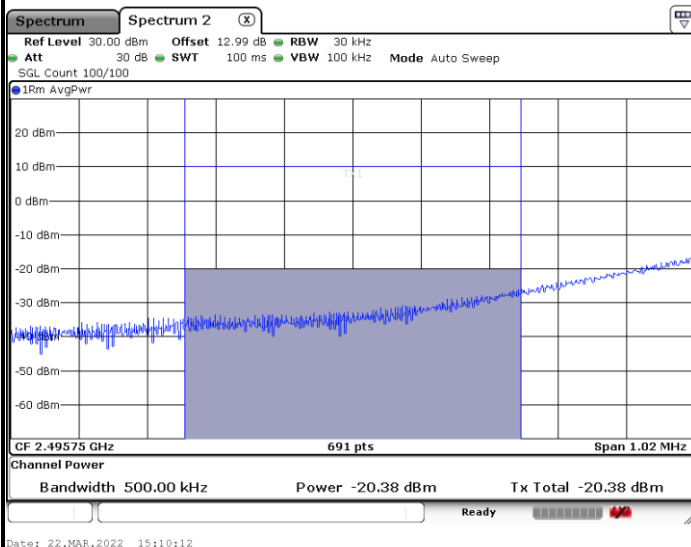
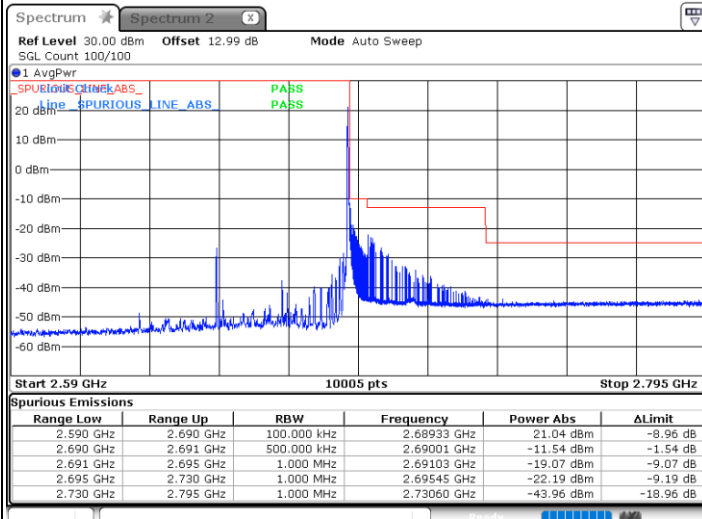
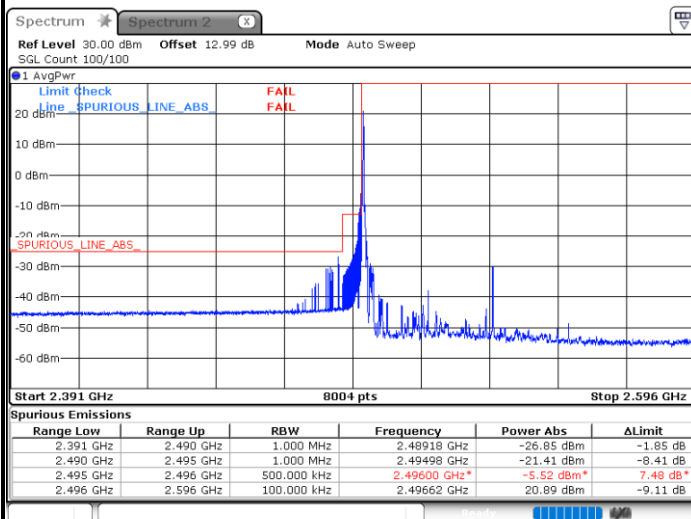




FR1 n41 / 40MHz / DFT-S OFDM / PI/2 BPSK

Lowest Band Edge / 1RB0

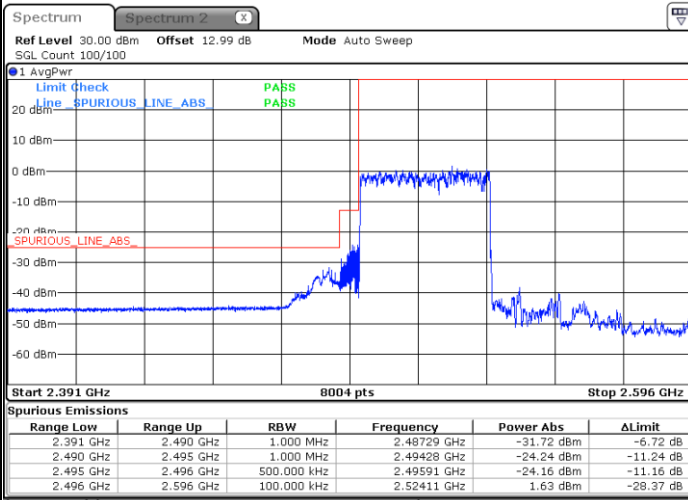
Highest Band Edge / 1RBmax



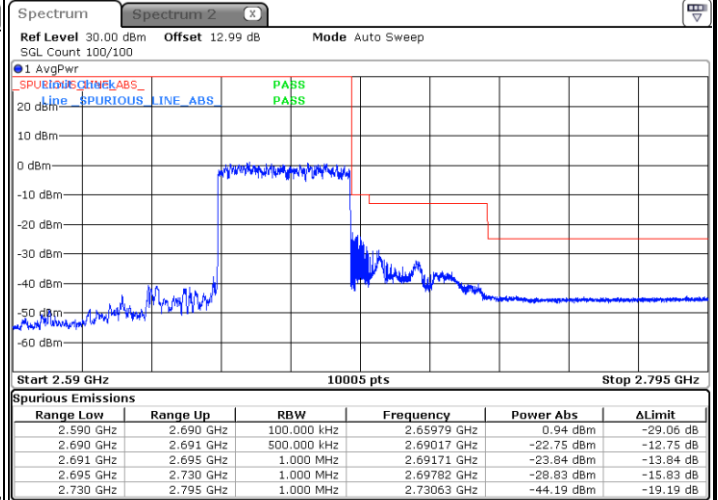


Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 22.MAR.2022 14:53:08



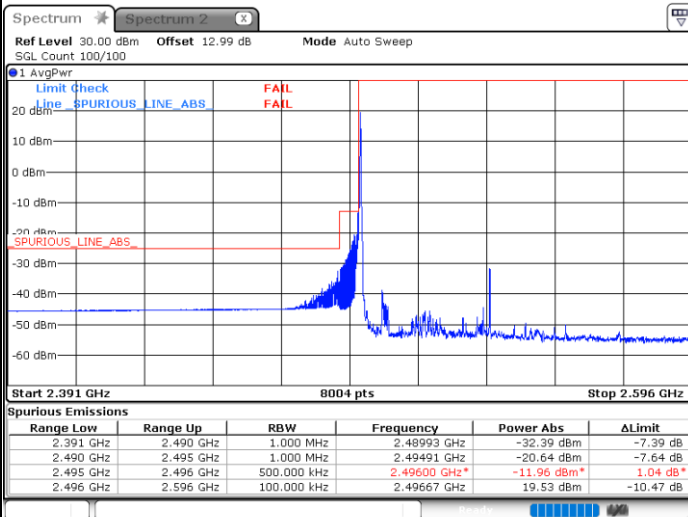
Date: 22.MAR.2022 15:18:06



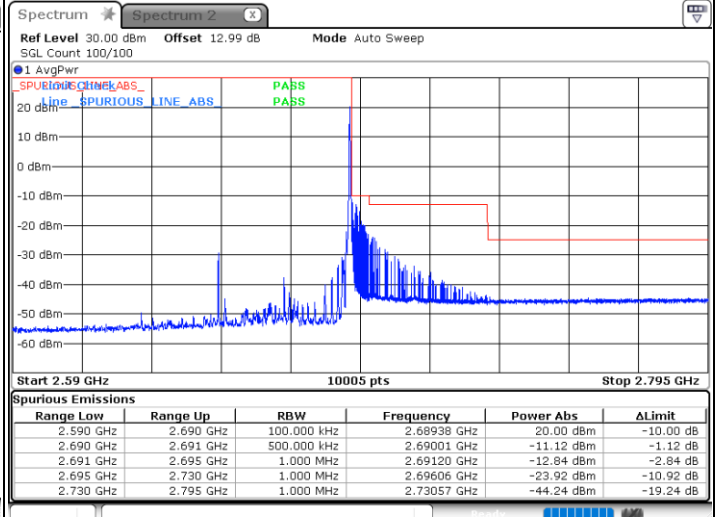
FR1 n41 / 40MHz / DFT-S OFDM / QPSK

Lowest Band Edge / 1RB0

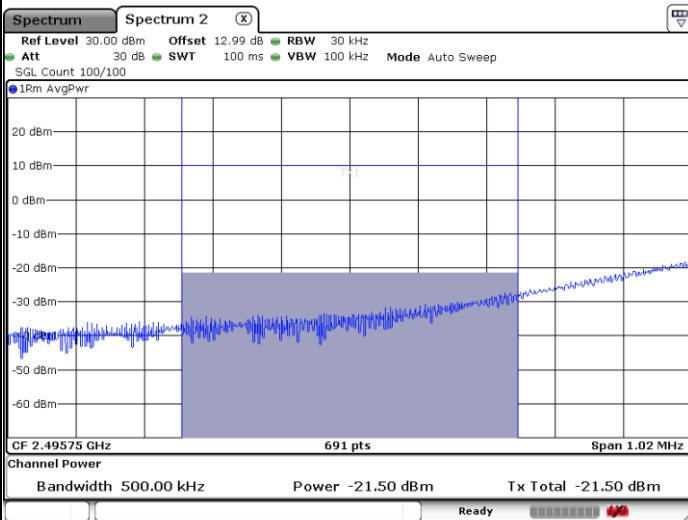
Highest Band Edge / 1RBmax



Date: 22.MAR.2022 15:06:10



Date: 22.MAR.2022 15:31:34

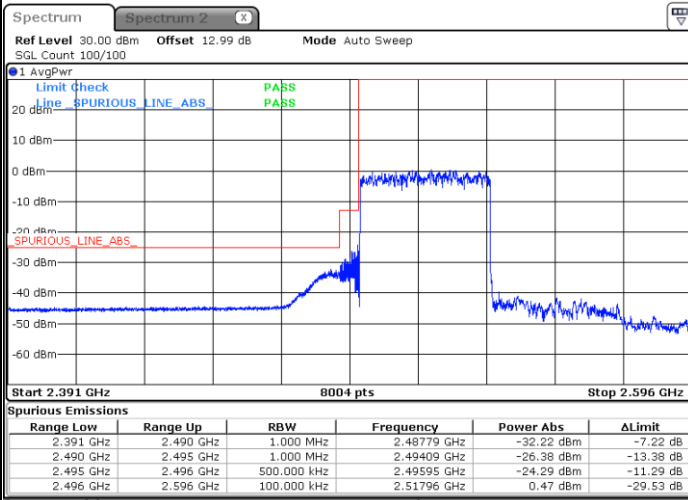


Date: 22.MAR.2022 15:07:04

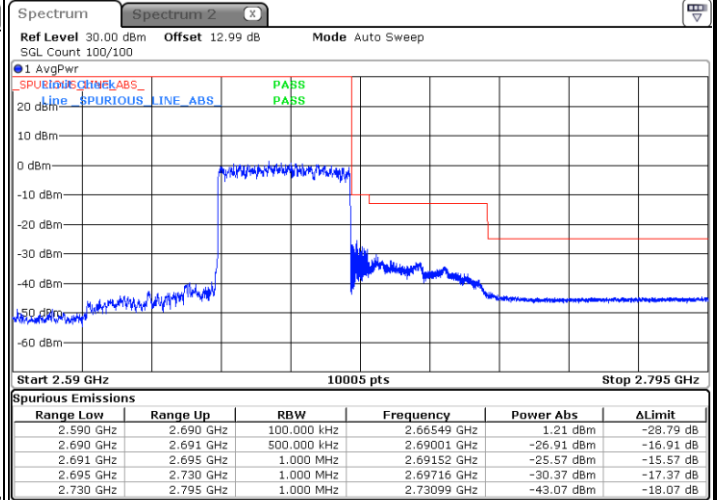


Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 22.MAR.2022 14:53:32



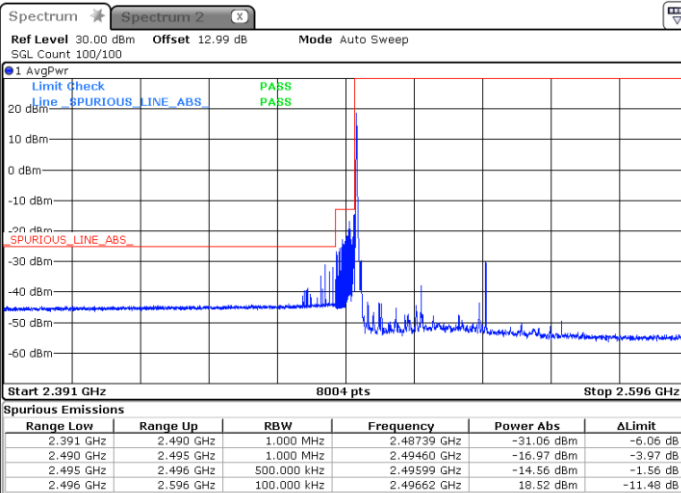
Date: 22.MAR.2022 15:20:58



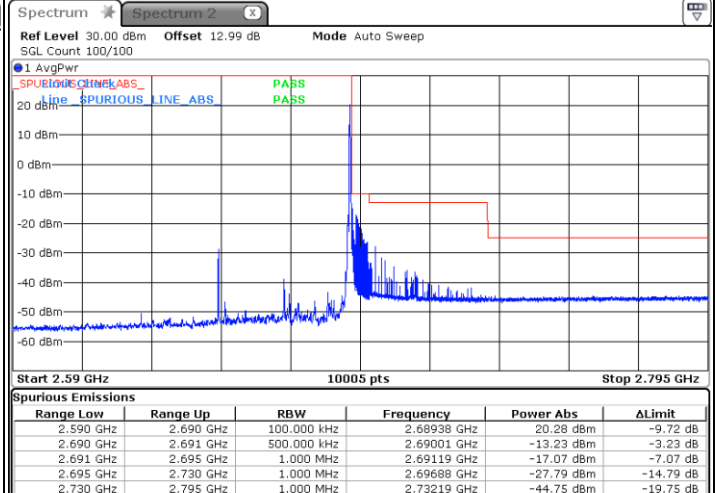
FR1 n41 / 40MHz / DFT-S OFDM / 16Q

Lowest Band Edge / 1RB0

Highest Band Edge / 1RBmax



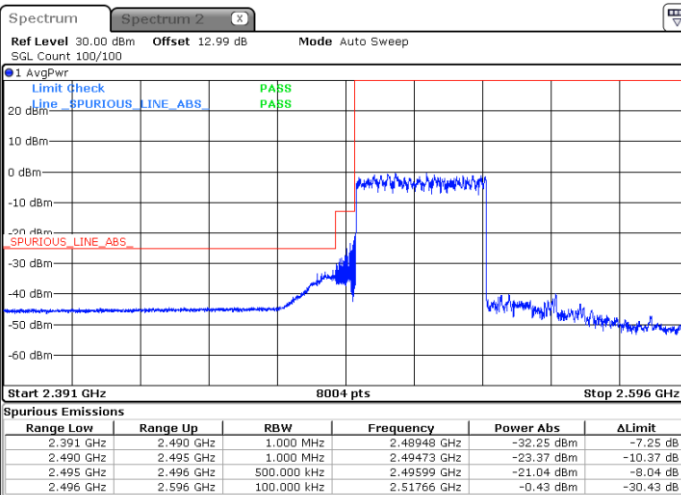
Date: 22.MAR.2022 15:01:03



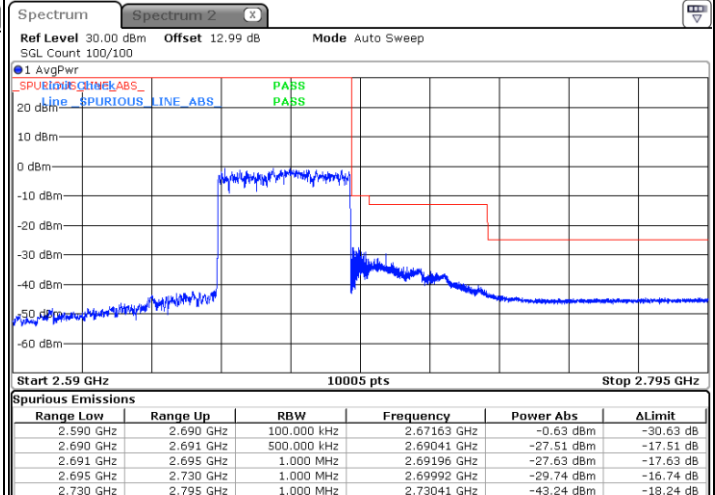
Date: 22.MAR.2022 15:30:10

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 22.MAR.2022 14:53:49

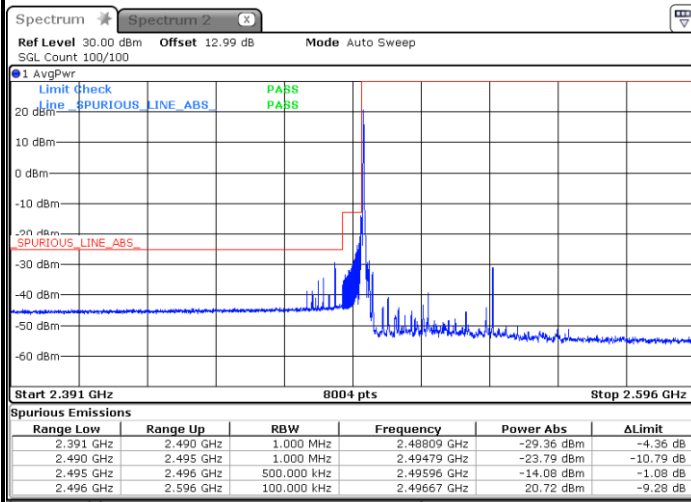


Date: 22.MAR.2022 15:21:50



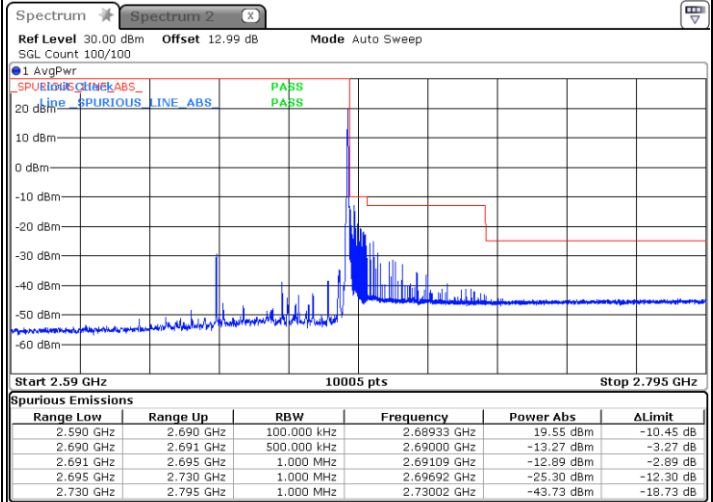
FR1 n41 / 40MHz / DFT-S OFDM / 64Q

Lowest Band Edge / 1RB0



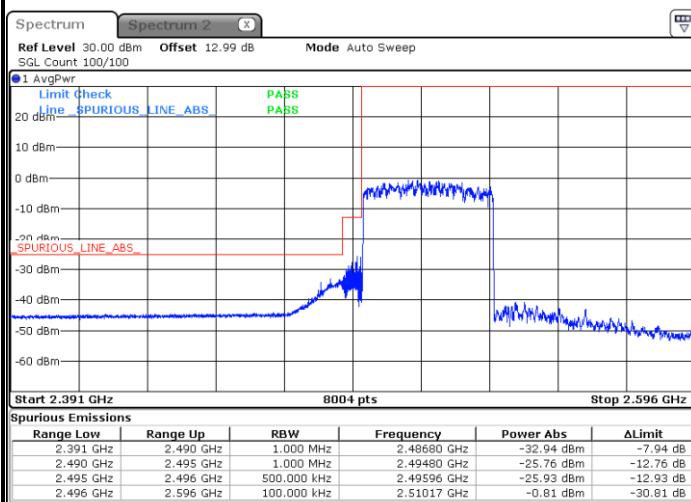
Date: 22.MAR.2022 14:59:46

Highest Band Edge / 1RBmax



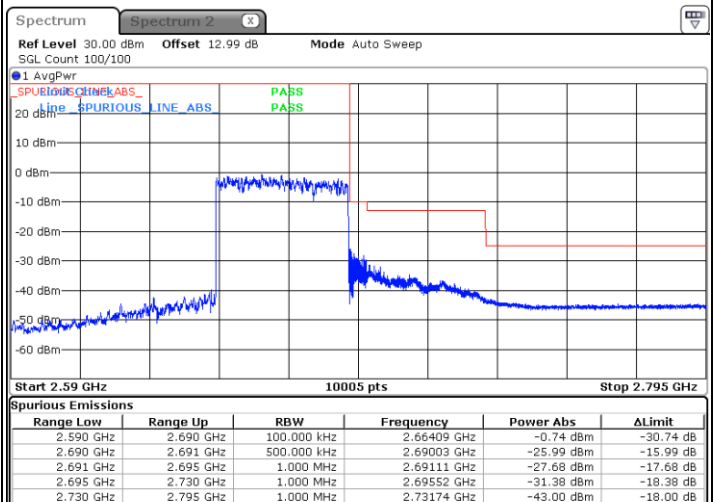
Date: 22.MAR.2022 15:28:37

Lowest Band Edge / Full RB



Date: 22.MAR.2022 14:54:05

Highest Band Edge / Full RB

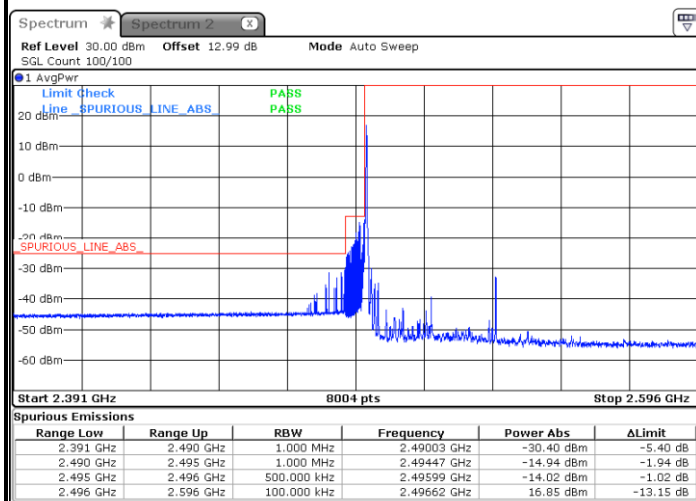


Date: 22.MAR.2022 15:22:55

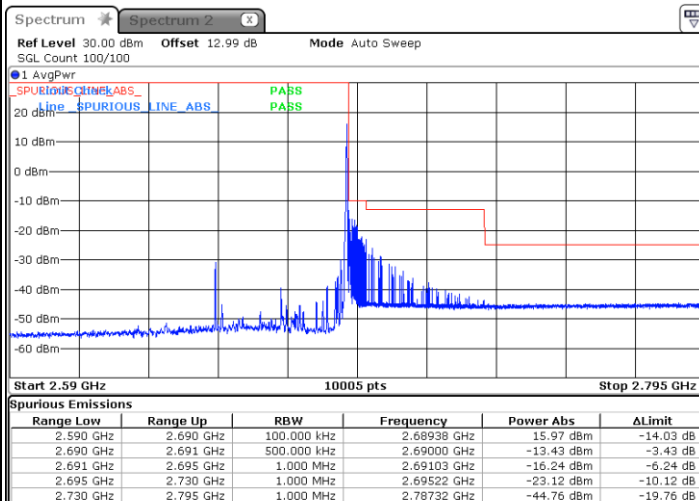


FR1 n41 / 40MHz / DFT-S OFDM / 256Q

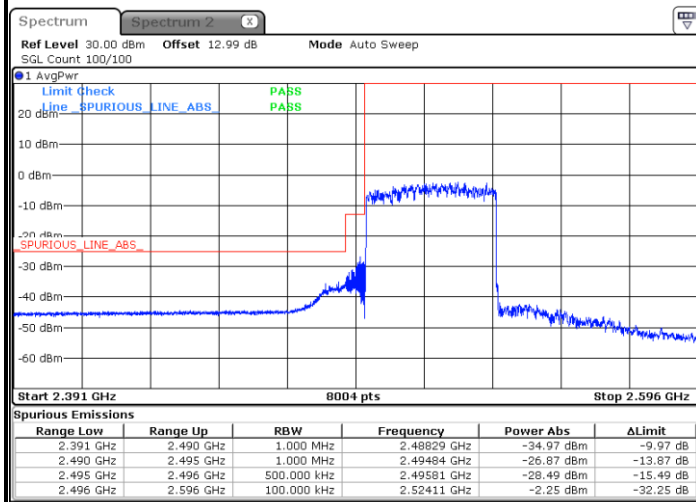
Lowest Band Edge / 1RB0



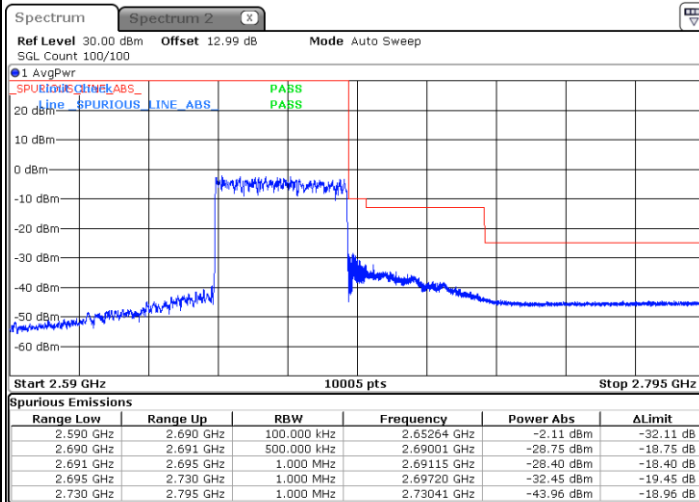
Highest Band Edge / 1RBmax



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

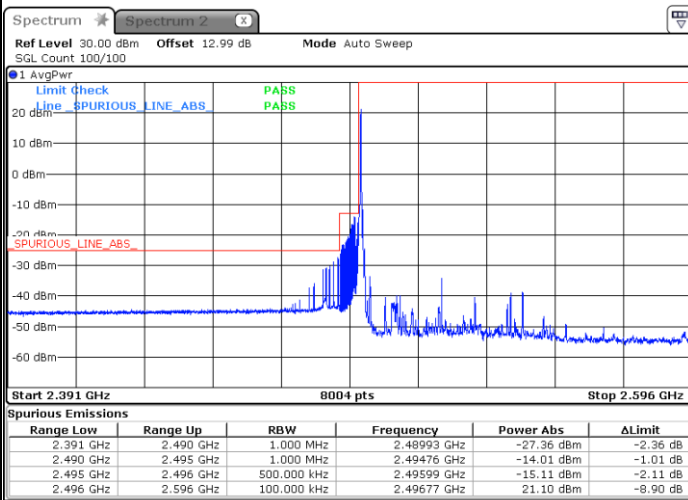




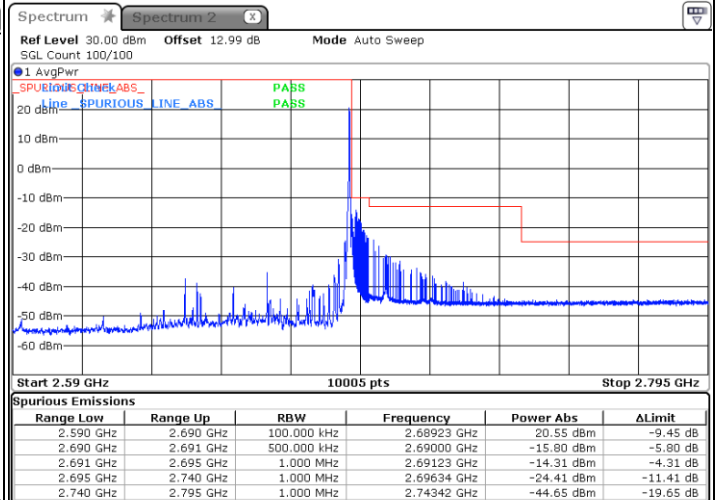
FR1 n41 / 50MHz / DFT-S OFDM / PI/2 BPSK

Lowest Band Edge / 1RB0

Highest Band Edge / 1RBmax



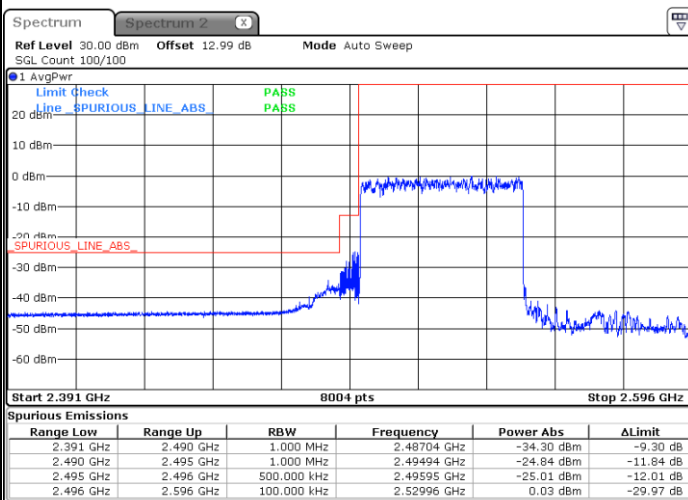
Date: 22.MAR.2022 15:43:42



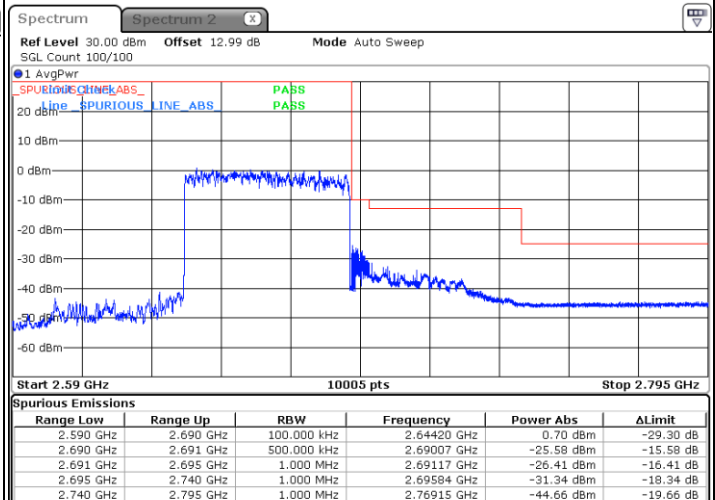
Date: 22.MAR.2022 16:01:52

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 22.MAR.2022 15:34:57



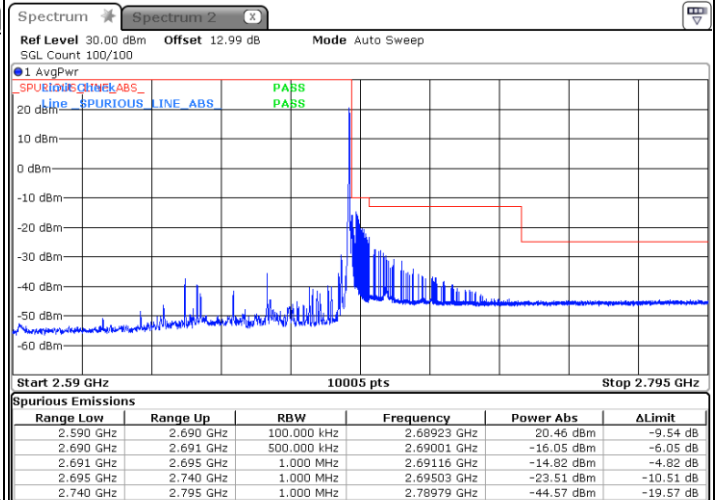
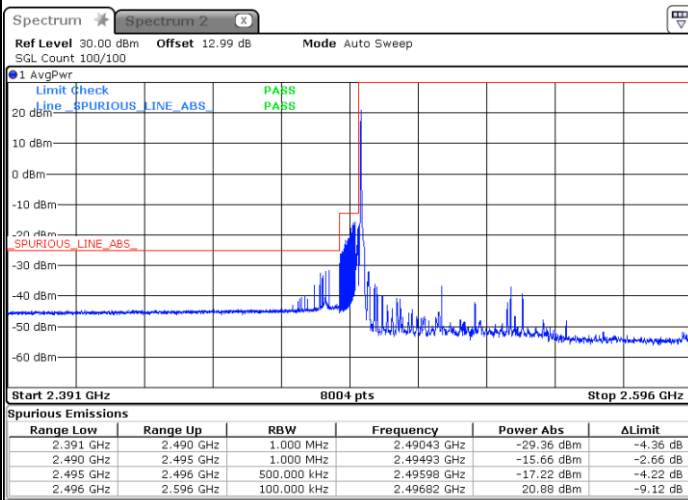
Date: 22.MAR.2022 15:47:59



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

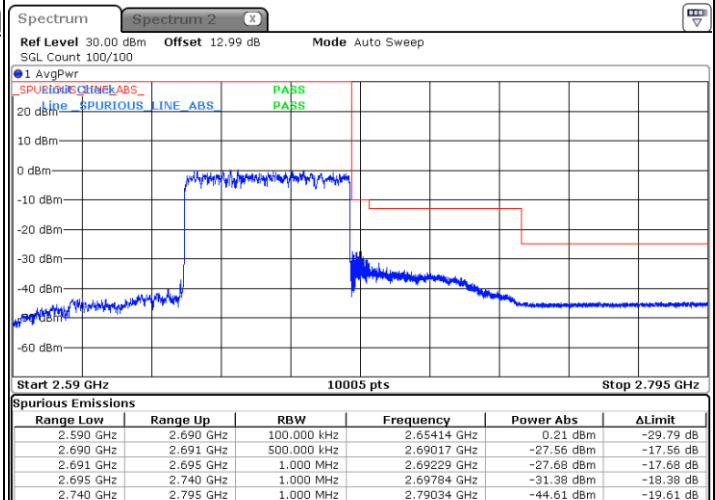
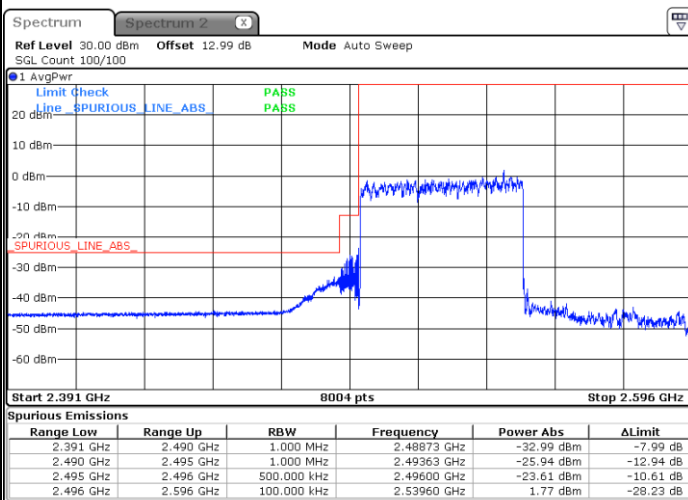
Lowest Band Edge / 1RB0

Highest Band Edge / 1RBmax



Lowest Band Edge / Full RB

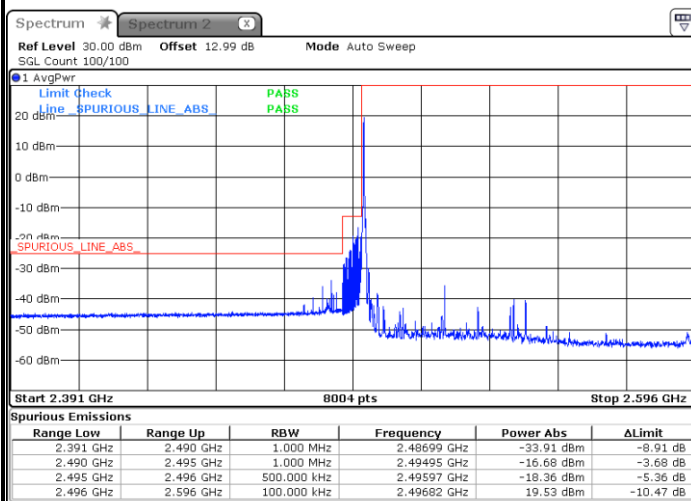
Highest Band Edge / Full RB



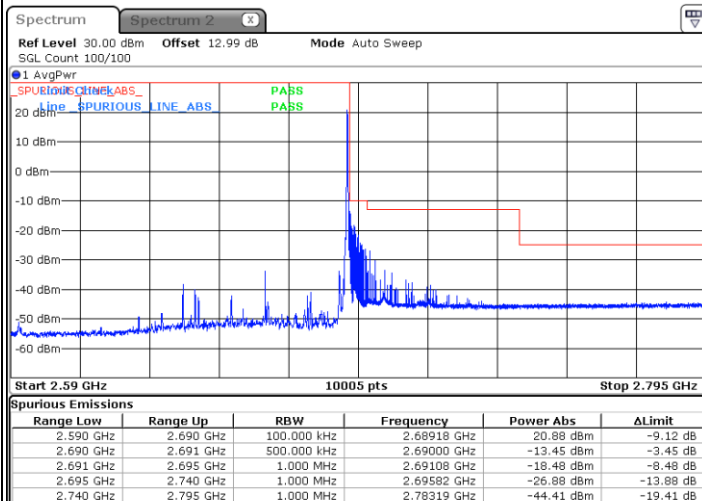


FR1 n41 / 50MHz / DFT-S OFDM / 16Q

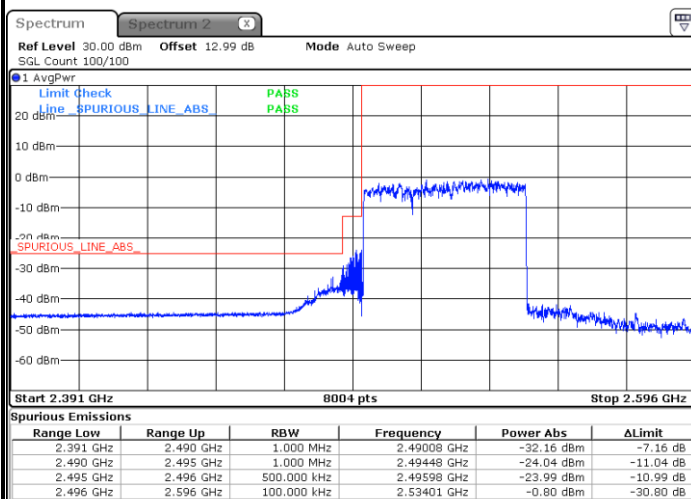
Lowest Band Edge / 1RB0



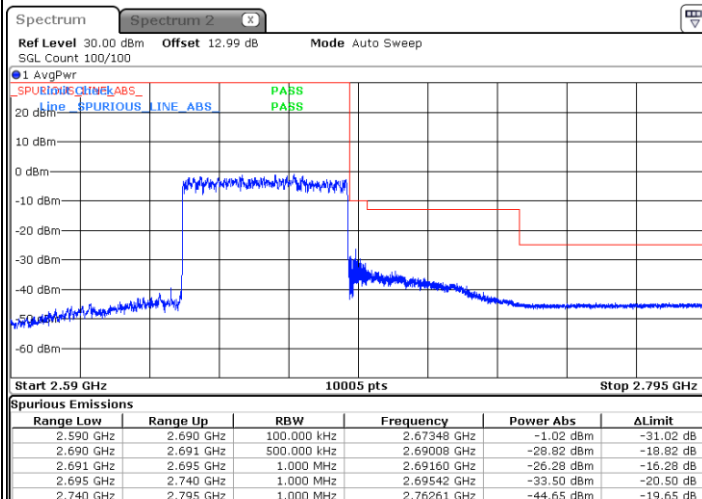
Highest Band Edge / 1RBmax



Lowest Band Edge / Full RB



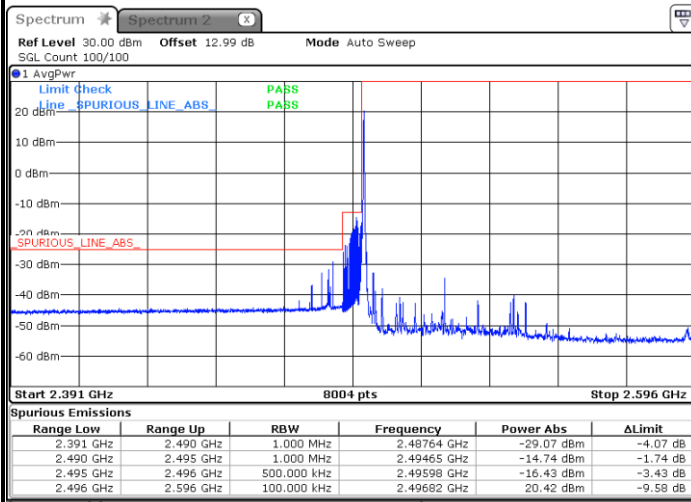
Highest Band Edge / Full RB



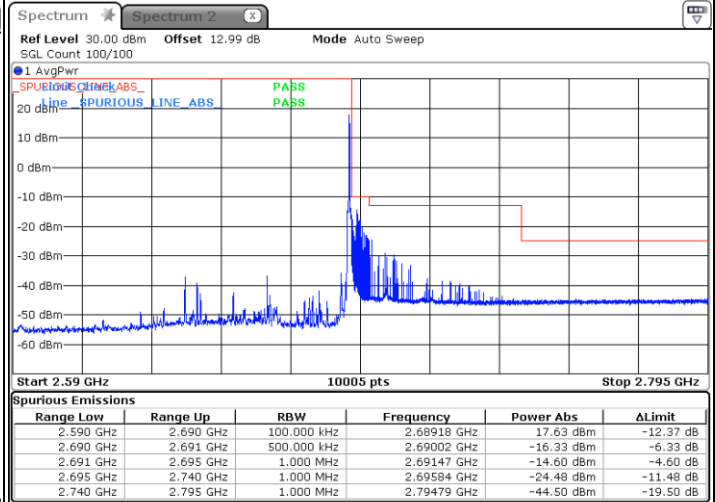


FR1 n41 / 50MHz / DFT-S OFDM / 64Q

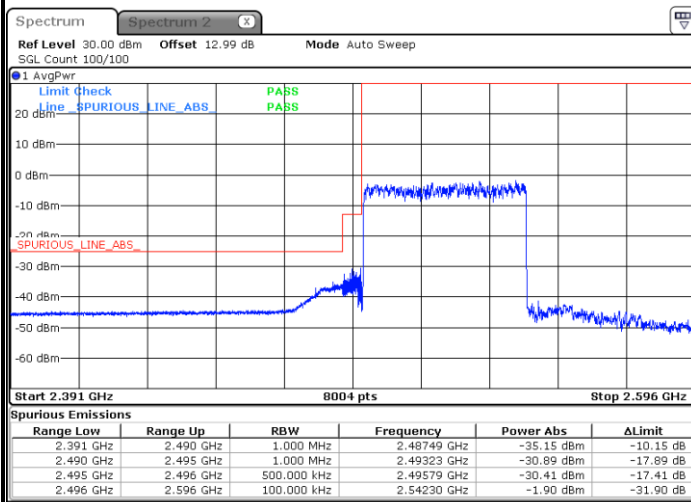
Lowest Band Edge / 1RB0



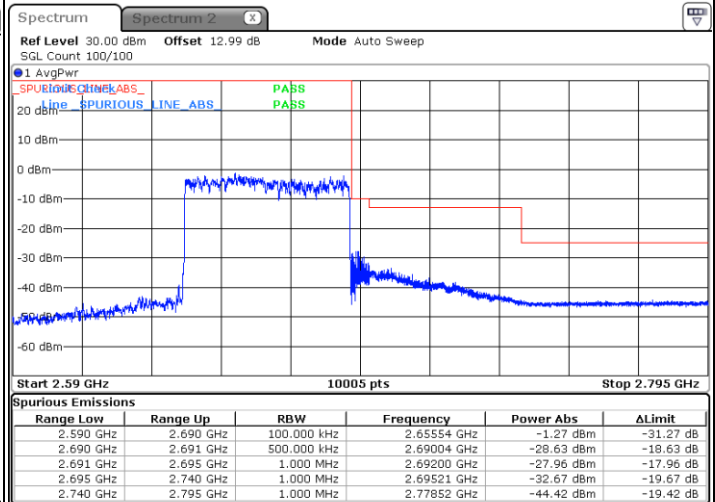
Highest Band Edge / 1RBmax



Lowest Band Edge / Full RB



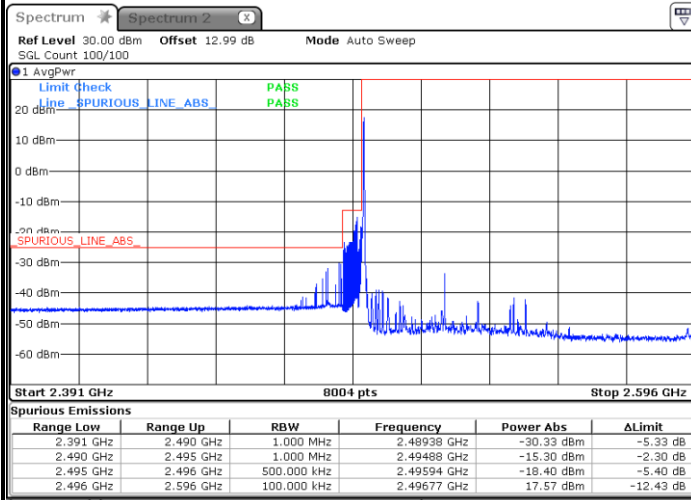
Highest Band Edge / Full RB



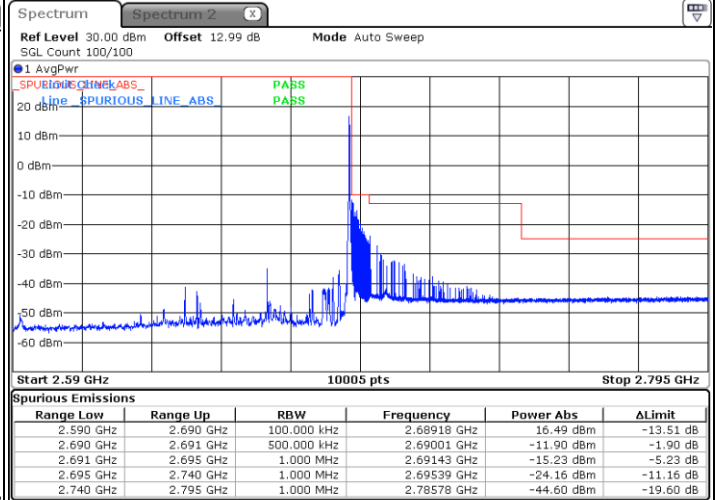


FR1 n41 / 50MHz / DFT-S OFDM / 256Q

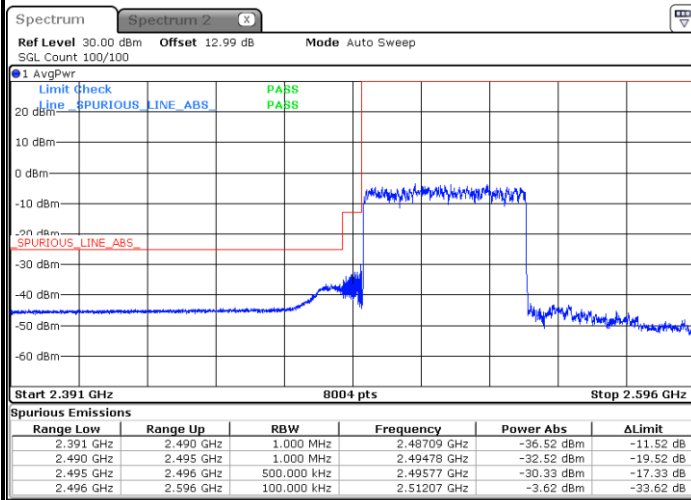
Lowest Band Edge / 1RB0



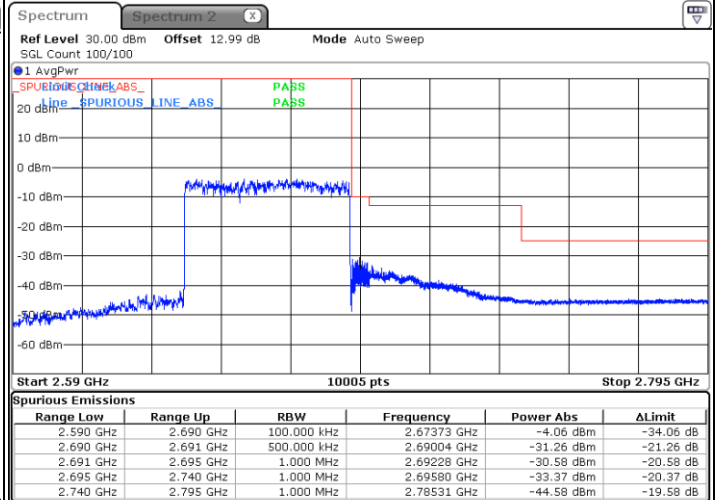
Highest Band Edge / 1RBmax



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

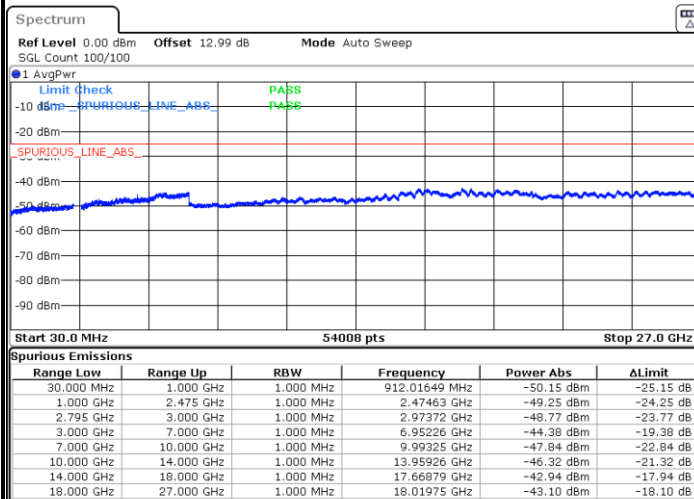




Conducted Spurious Emission

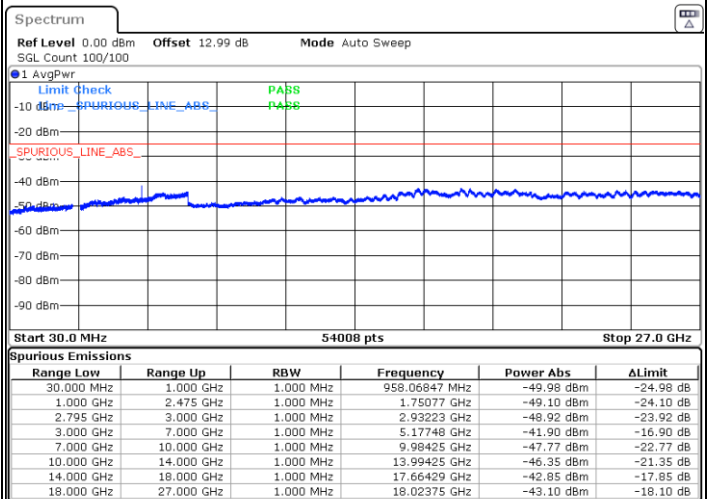
FR1 n41 / 10MHz / DFT-S OFDM / QPSK

Lowest Channel / 1RB1



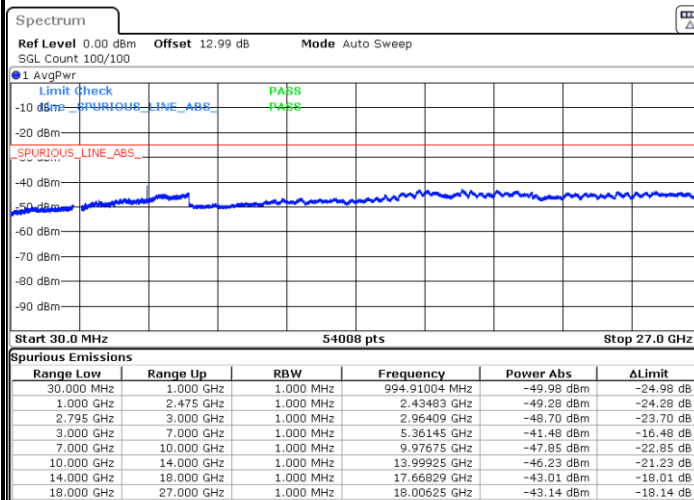
Date: 22.MAR.2022 10:35:50

Middle Channel / 1RB1



Date: 22.MAR.2022 10:36:55

Highest Channel / 1RB1



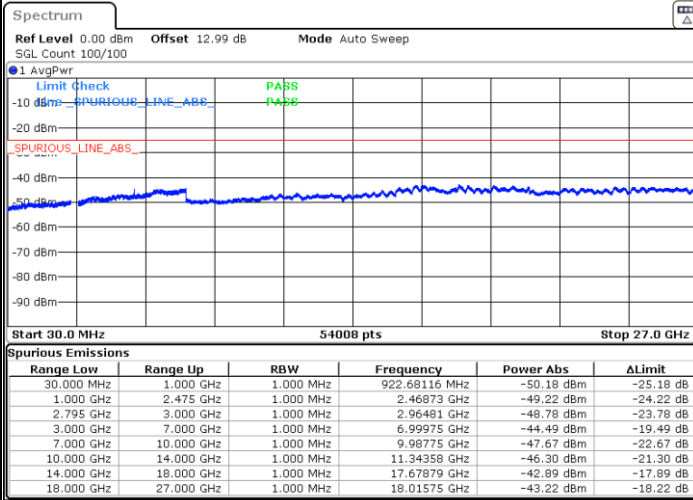
Date: 22.MAR.2022 10:37:56



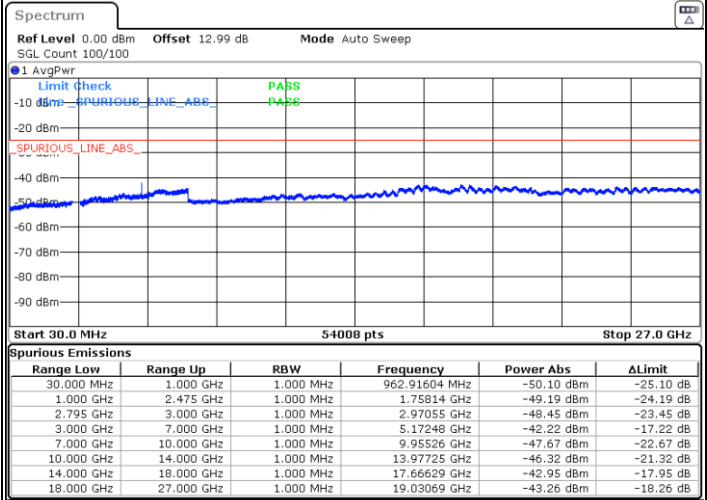
FR1 n41 / 15MHz / DFT-S OFDM / QPSK

Lowest Channel / 1RB1

Middle Channel / 1RB1

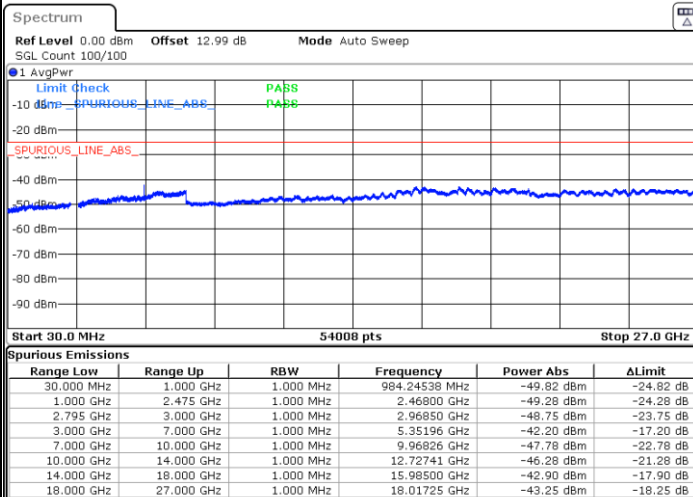


Date: 22.MAR.2022 10:56:08



Date: 22.MAR.2022 10:57:26

Highest Channel / 1RB1

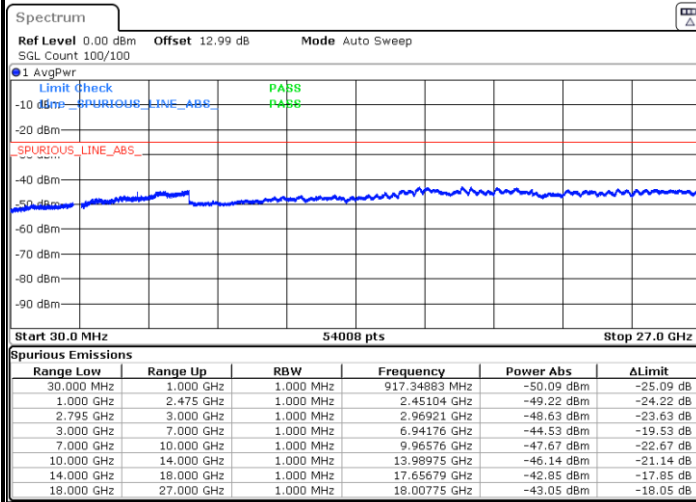


Date: 22.MAR.2022 10:59:09



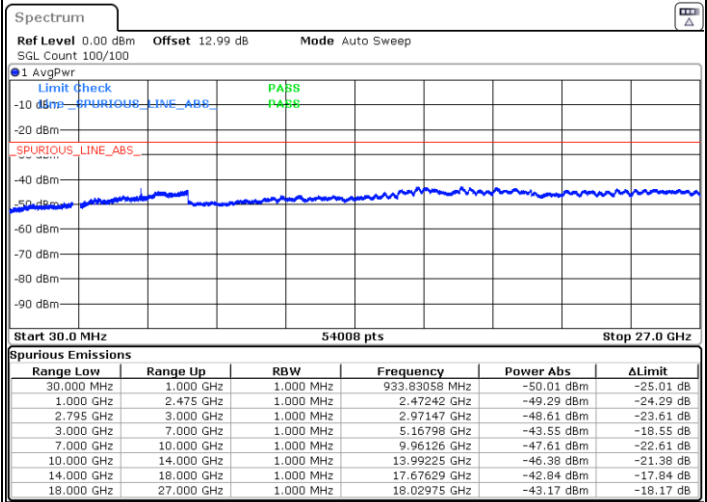
FR1 n41 / 20MHz / DFT-S OFDM / QPSK

Lowest Channel / 1RB1



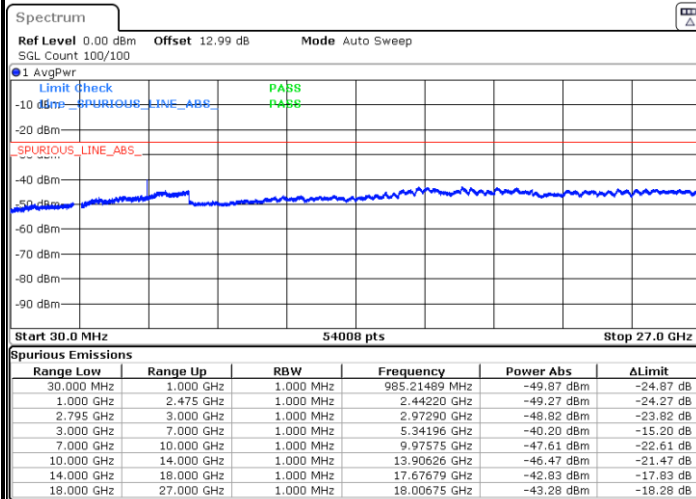
Date: 22.MAR.2022 13:35:18

Middle Channel / 1RB1



Date: 22.MAR.2022 13:43:54

Highest Channel / 1RB1

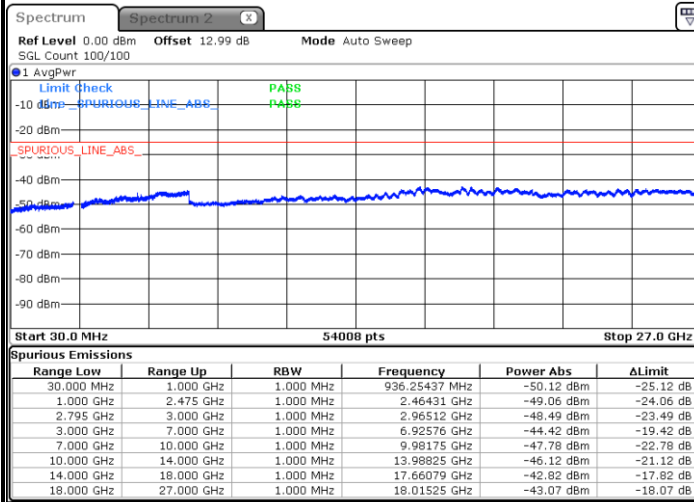


Date: 22.MAR.2022 13:45:04



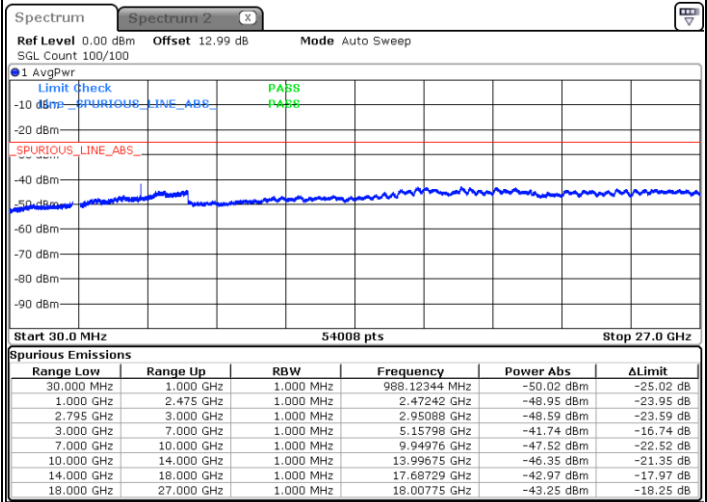
FR1 n41 / 30MHz / DFT-S OFDM / QPSK

Lowest Channel / 1RB1



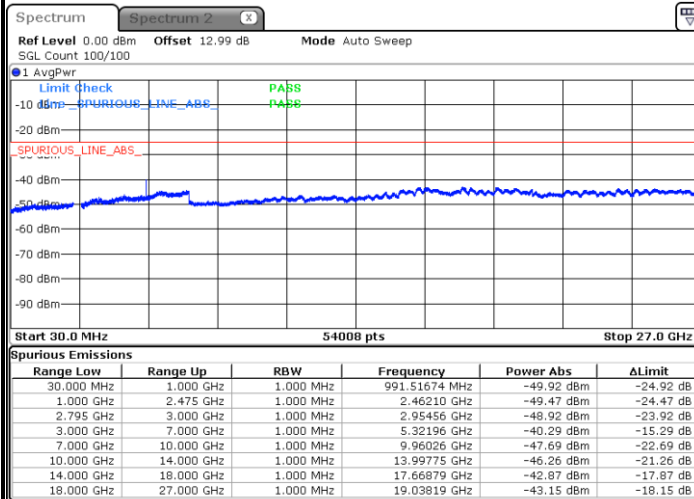
Date: 22.MAR.2022 14:34:12

Middle Channel / 1RB1



Date: 22.MAR.2022 14:35:17

Highest Channel / 1RB1

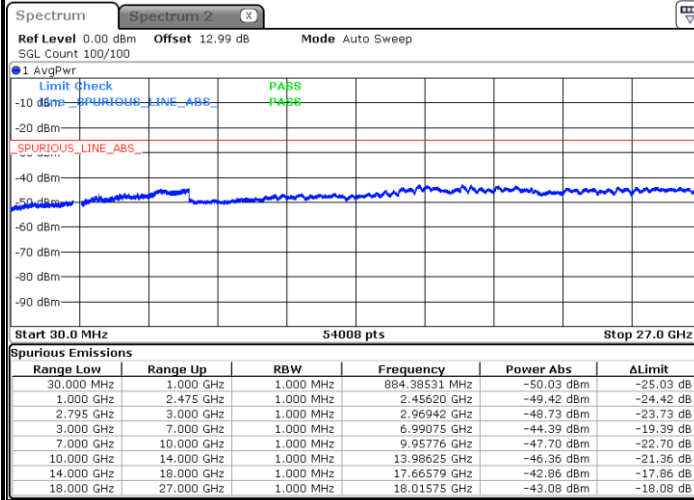


Date: 22.MAR.2022 14:40:08



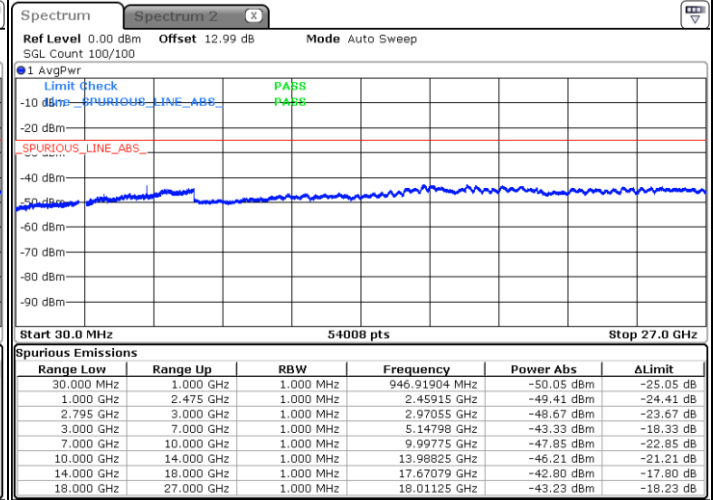
FR1 n41 / 40MHz / DFT-S OFDM / QPSK

Lowest Channel / 1RB1



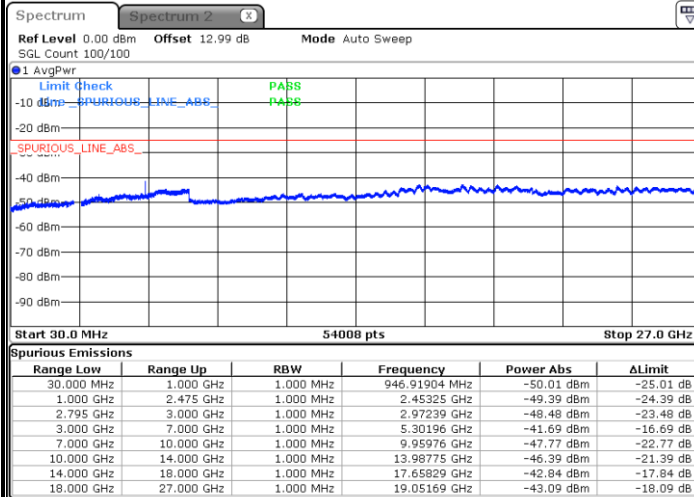
Date: 22.MAR.2022 15:11:41

Middle Channel / 1RB1



Date: 22.MAR.2022 15:13:01

Highest Channel / 1RB1

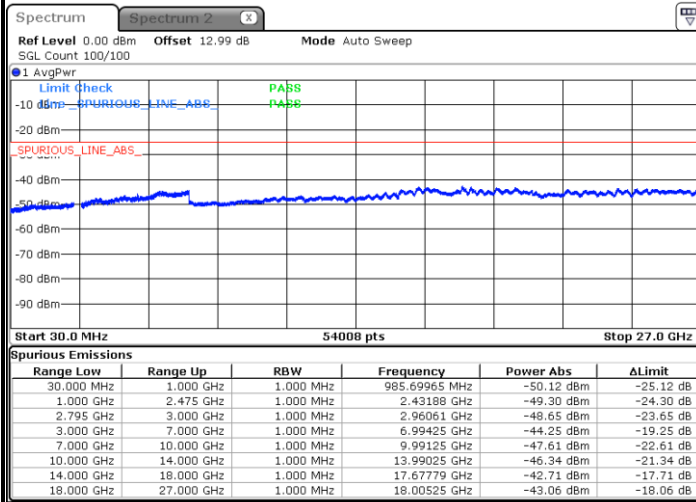


Date: 22.MAR.2022 15:14:17



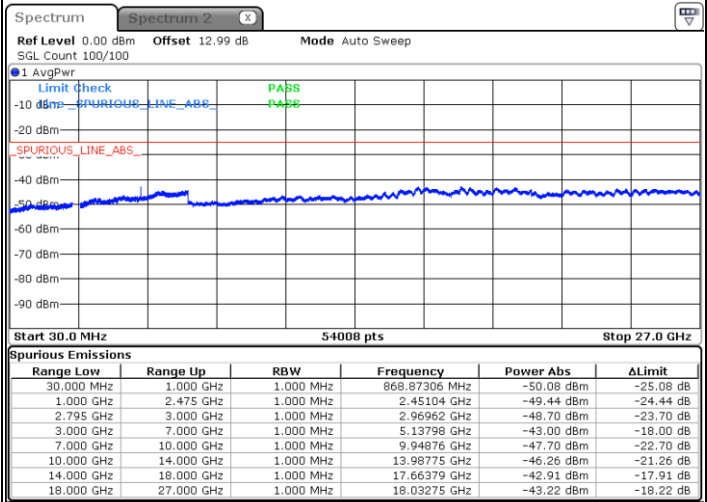
FR1 n41 / 50MHz / DFT-S OFDM / QPSK

Lowest Channel / 1RB1



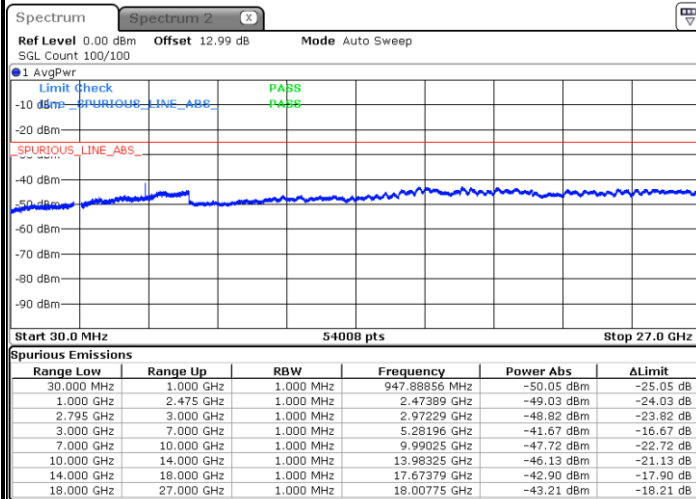
Date: 22.MAR.2022 15:44:57

Middle Channel / 1RB1



Date: 22.MAR.2022 15:46:01

Highest Channel / 1RB1



Date: 22.MAR.2022 15:47:21

**Frequency Stability**

Test Conditions		FR1 n41 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 50MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0022	PASS
40	Normal Voltage	0.0015	
30	Normal Voltage	0.0021	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0005	
0	Normal Voltage	0.0035	
-10	Normal Voltage	0.0032	
-20	Normal Voltage	0.0005	
-30	Normal Voltage	0.0011	
20	Maximum Voltage	0.0005	
20	Normal Voltage	0.0007	
20	Battery End Point	0.0034	

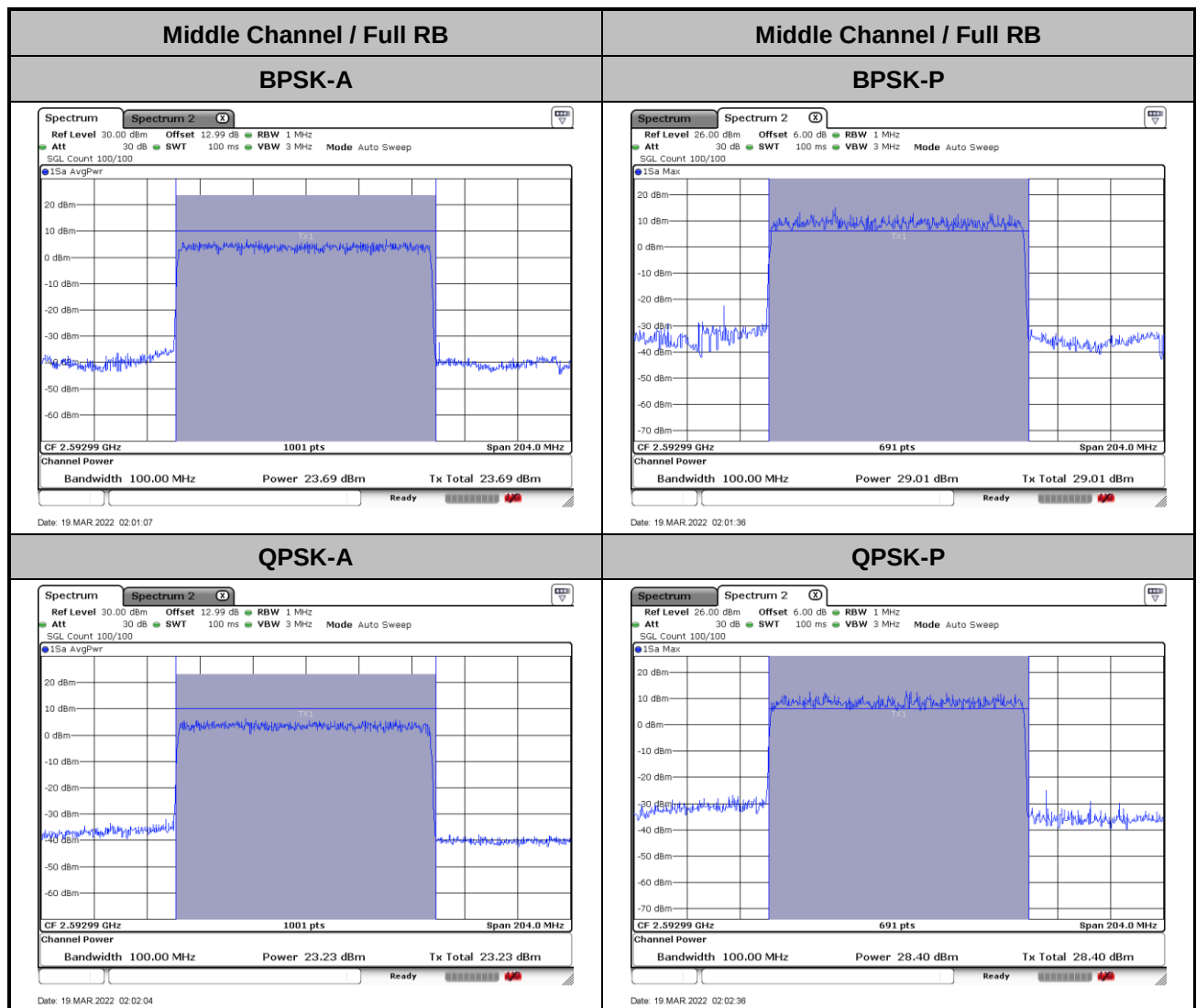
Note:

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(SCS 30kHz)

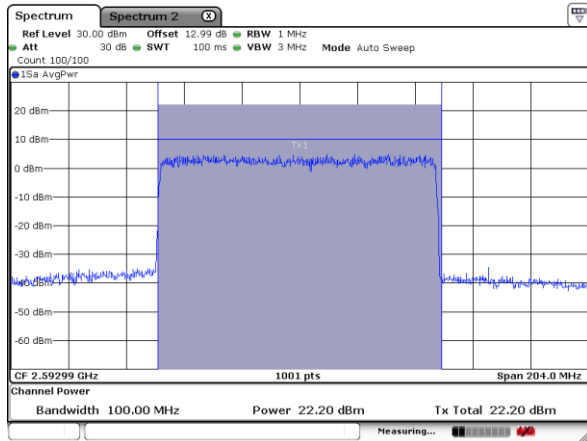
Peak-to-Average Ratio

Mode	FR1 n41 / 100MHz / DFT-S OFDM				
Mod.	100M				Limit: 13dB
RB Size	BPSK	QPSK	16QAM	64QAM	Result
Middle CH	5.32	5.17	5.26	5.42	PASS
RB Size	256QAM	-			
Middle CH	5.23				



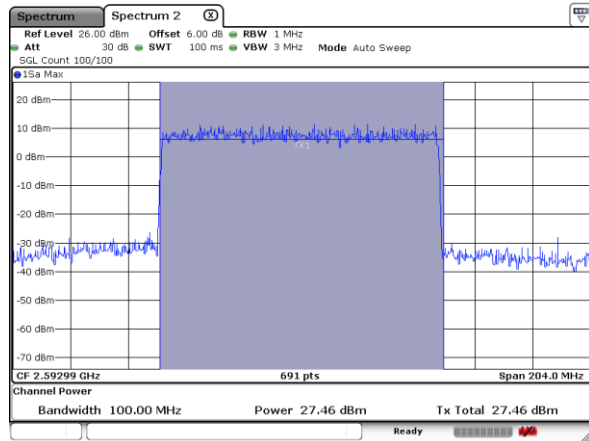


16QAM-A



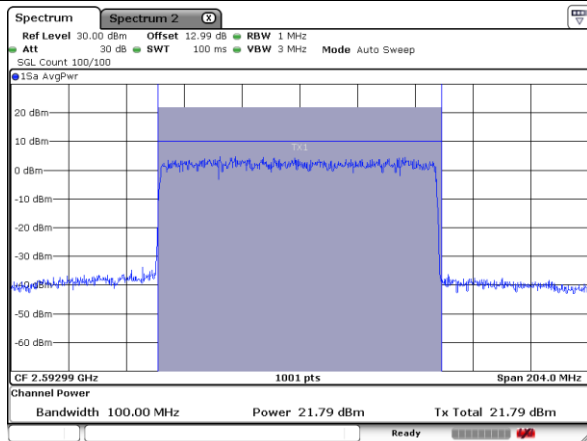
Date: 19 MAR 2022 02:03:06

16QAM-P



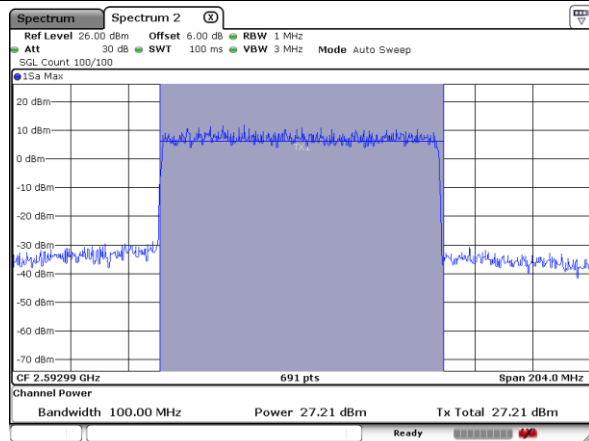
Date: 19 MAR 2022 02:03:36

64QAM-A



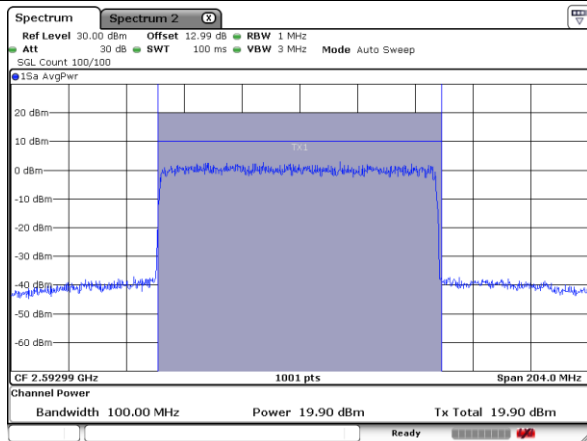
Date: 19 MAR 2022 02:04:06

64QAM-P



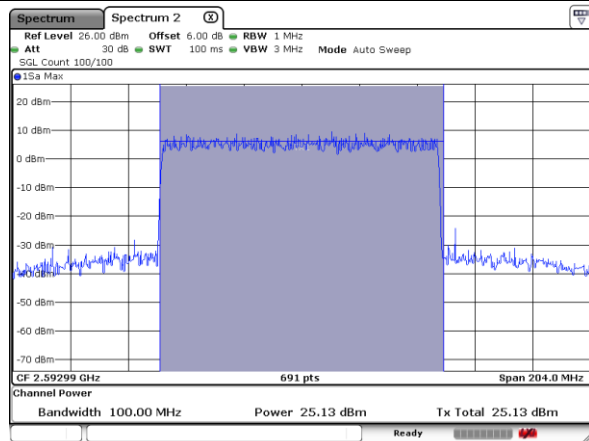
Date: 19 MAR 2022 02:04:34

256QAM-A



Date: 19 MAR 2022 02:05:08

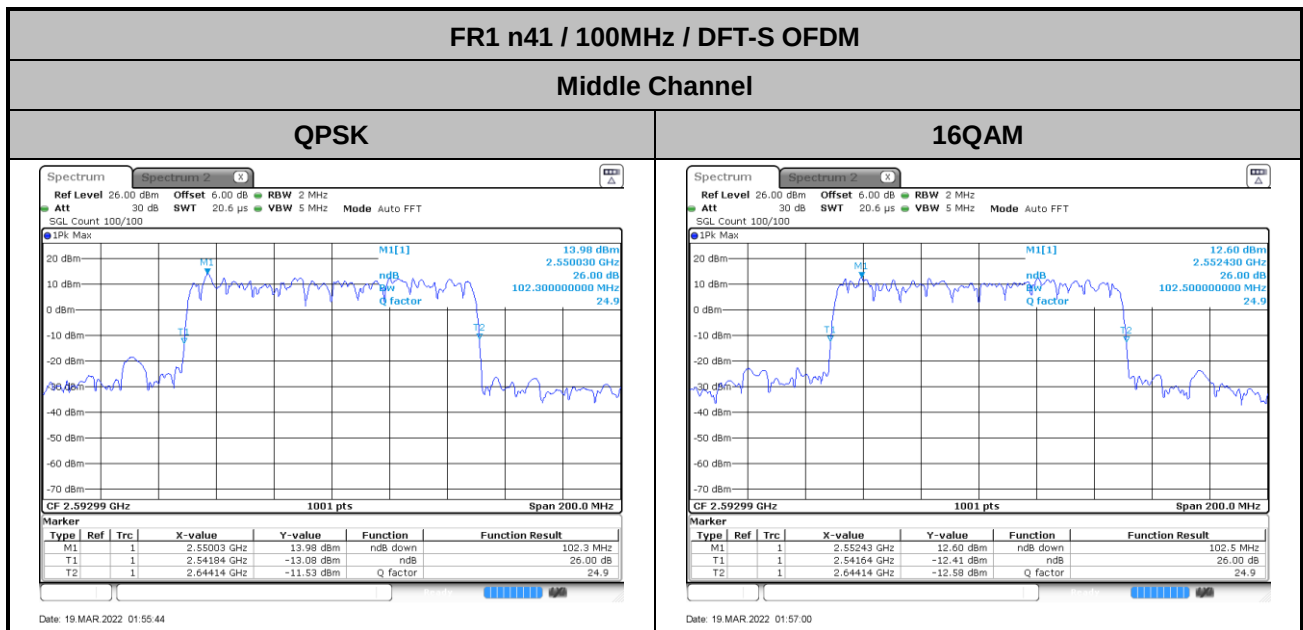
256QAM-P



Date: 19 MAR 2022 02:05:38

**26dB Bandwidth**

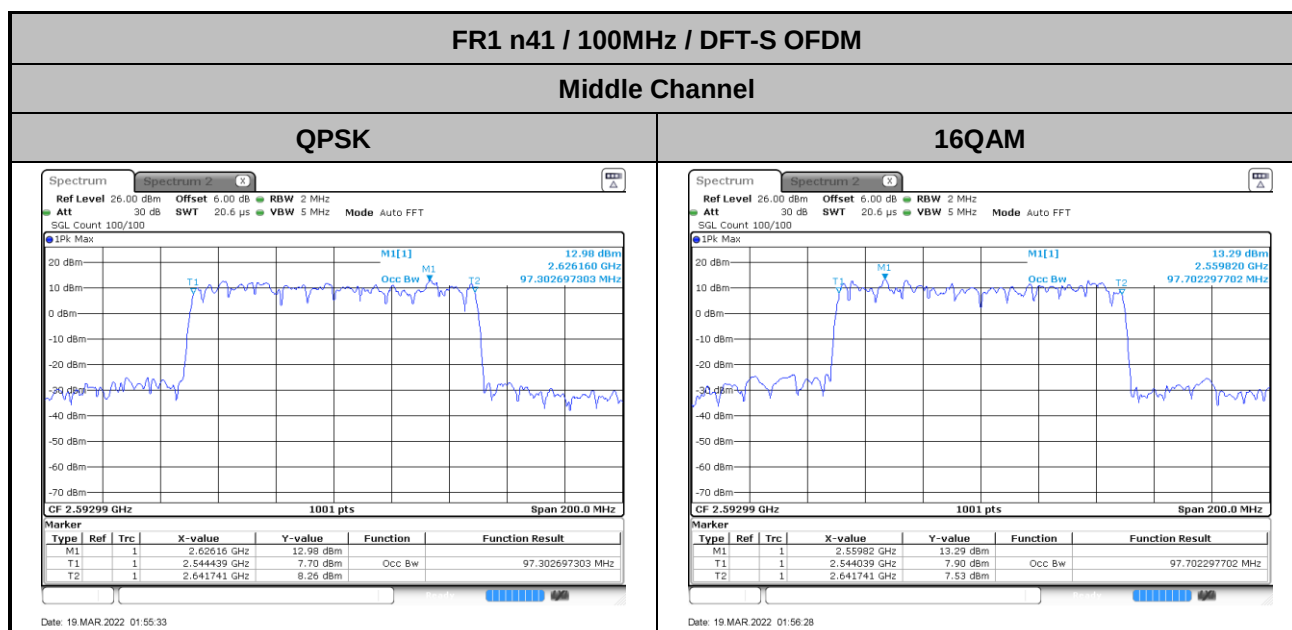
Mode	FR1 n41 : 26dB BW(MHz) / DFT-S OFDM	
BW	100M	
Mod.	QPSK	16QAM
Middle CH	102.3	102.5





Occupied Bandwidth

Mode	FR1 n41 : OB BW(MHz) / DFT-S OFDM	
BW	100M	
Mod.	QPSK	16QAM
Middle CH	97.30	97.70

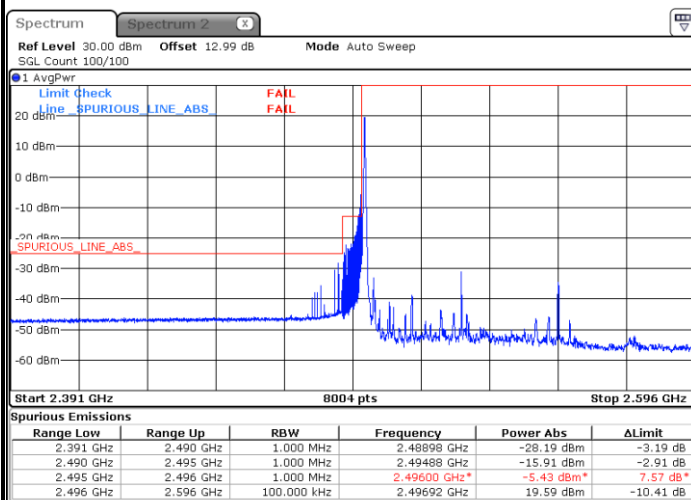




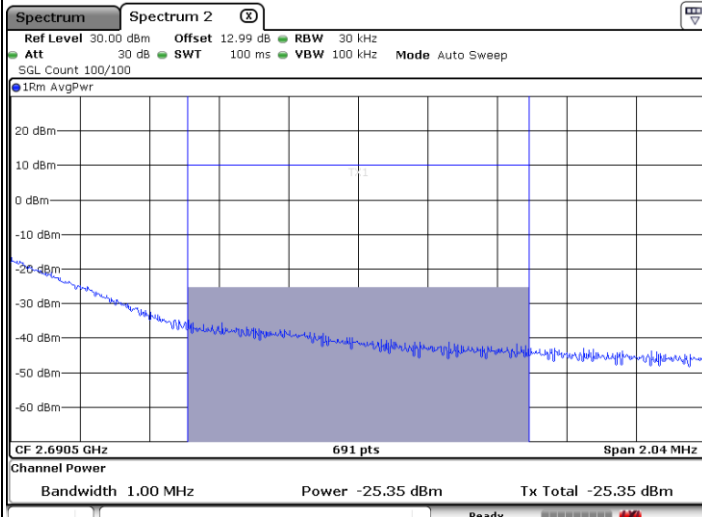
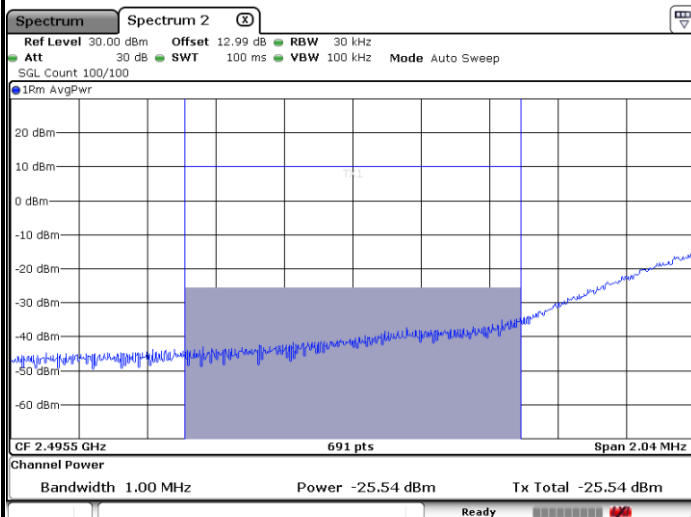
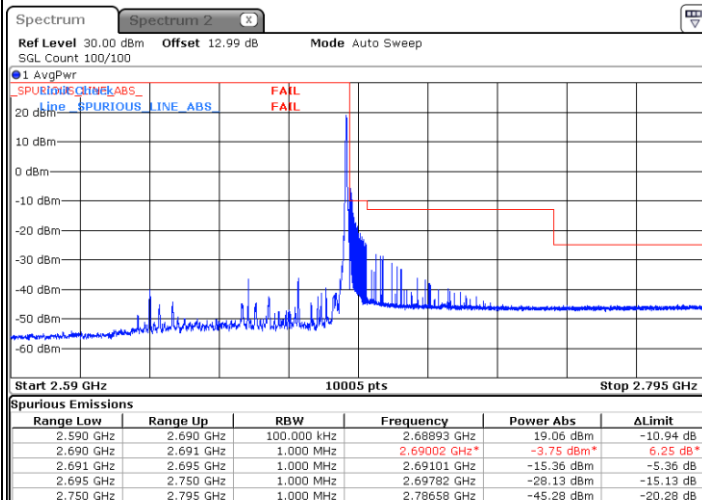
Conducted Band Edge

FR1 n41 / 60MHz / DFT-S OFDM / PI/2 BPSK

Lowest Band Edge / 1RB0



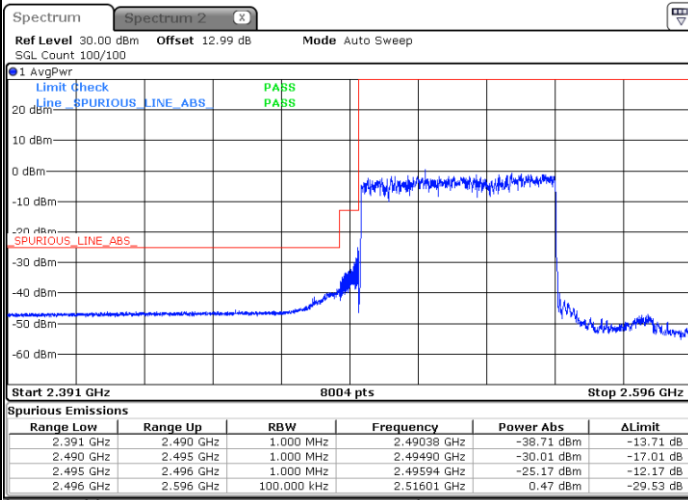
Highest Band Edge / 1RBmax



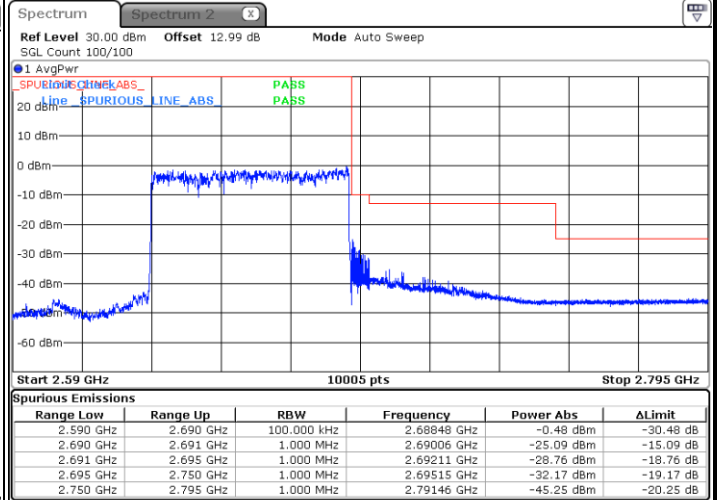


Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 18.MAR.2022 22:24:12



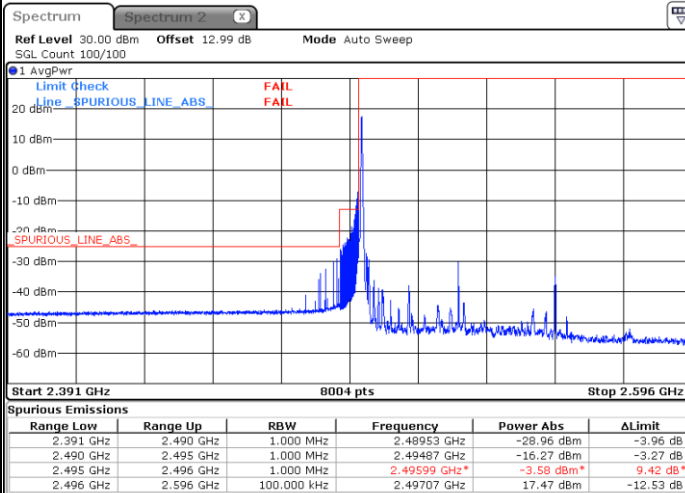
Date: 18.MAR.2022 22:46:27



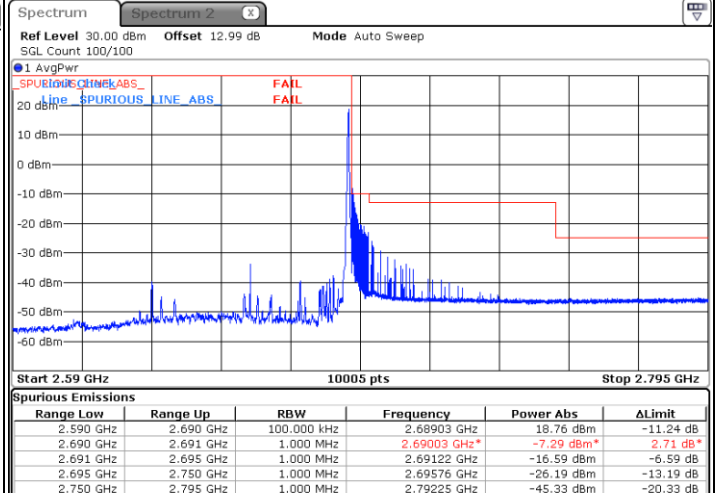
FR1 n41 / 60MHz / DFT-S OFDM / QPSK

Lowest Band Edge / 1RB0

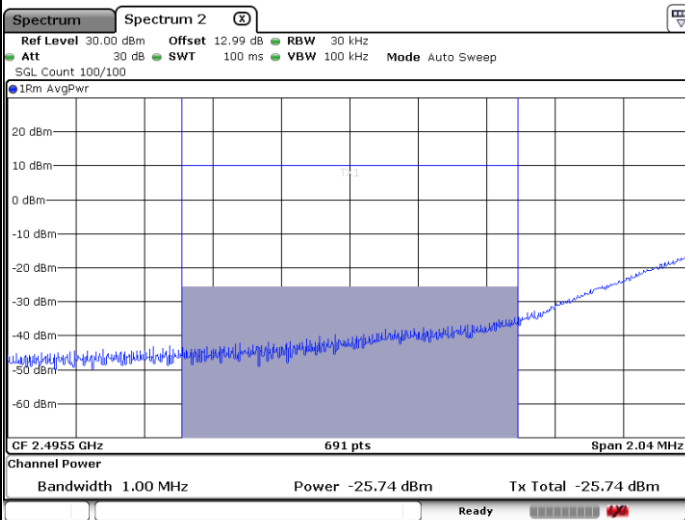
Highest Band Edge / 1RBmax



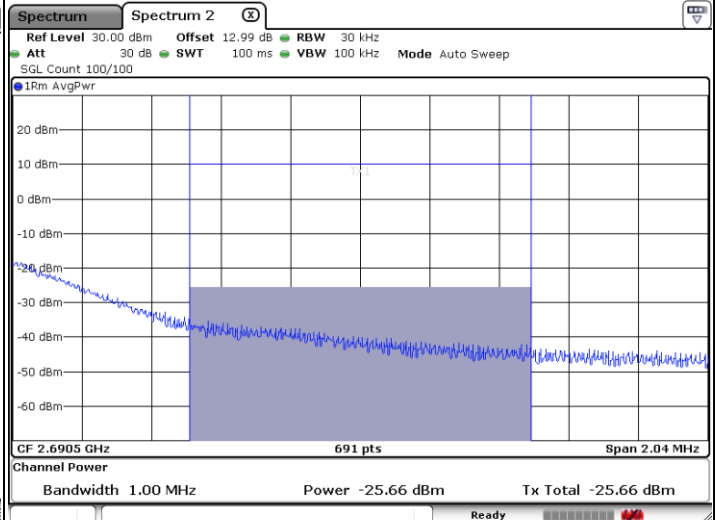
Date: 18.MAR.2022 22:30:55



Date: 18.MAR.2022 22:49:28



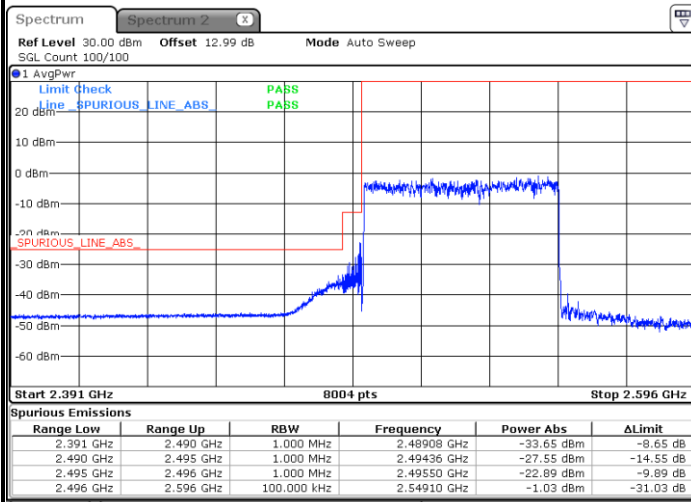
Date: 18.MAR.2022 22:39:46



Date: 18.MAR.2022 22:52:36

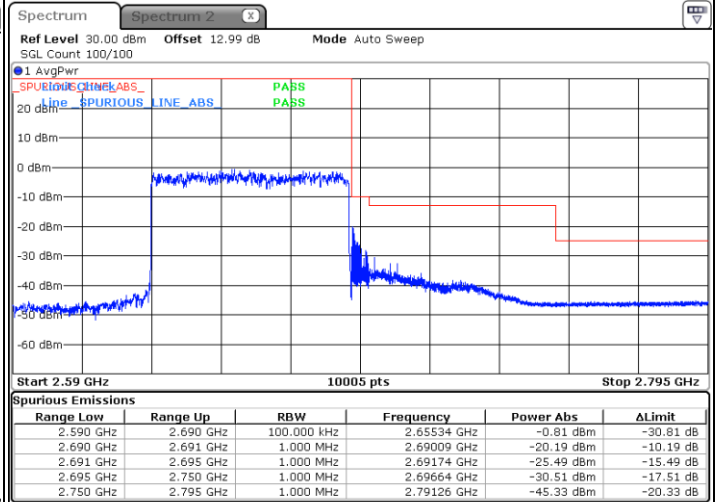


Lowest Band Edge / Full RB



Date: 18.MAR.2022 22:25:12

Highest Band Edge / Full RB



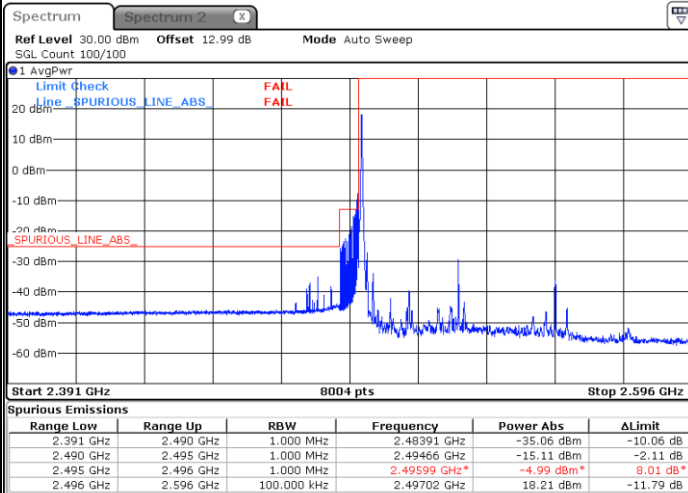
Date: 18.MAR.2022 22:46:46



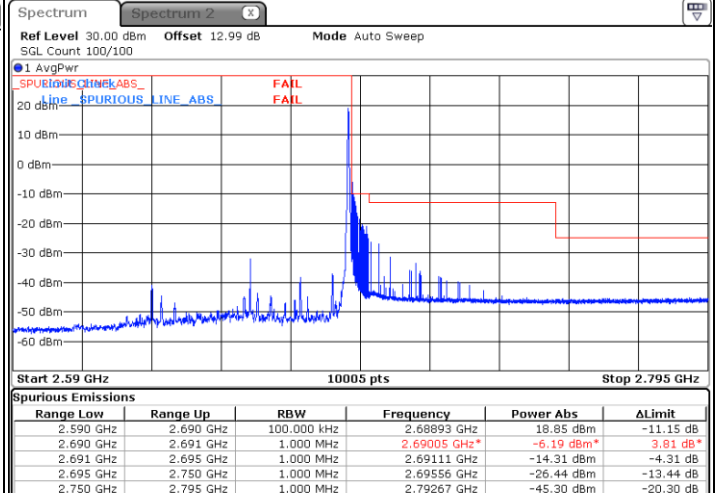
FR1 n41 / 60MHz / DFT-S OFDM / 16Q

Lowest Band Edge / 1RB0

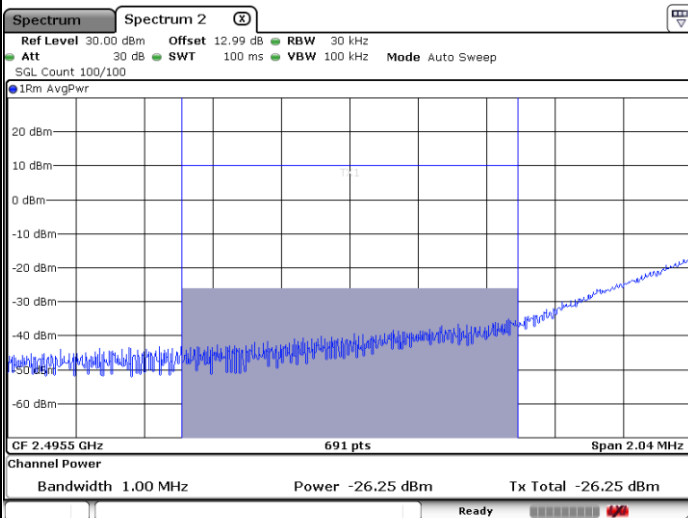
Highest Band Edge / 1RBmax



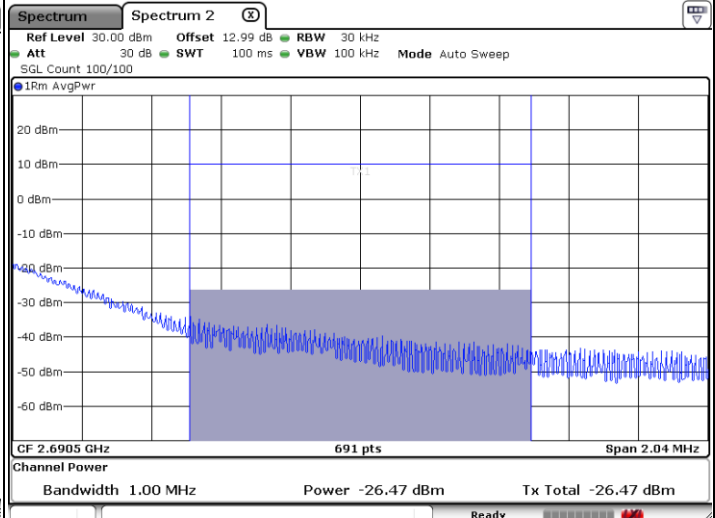
Date: 18.MAR.2022 22:30:38



Date: 18.MAR.2022 22:49:10



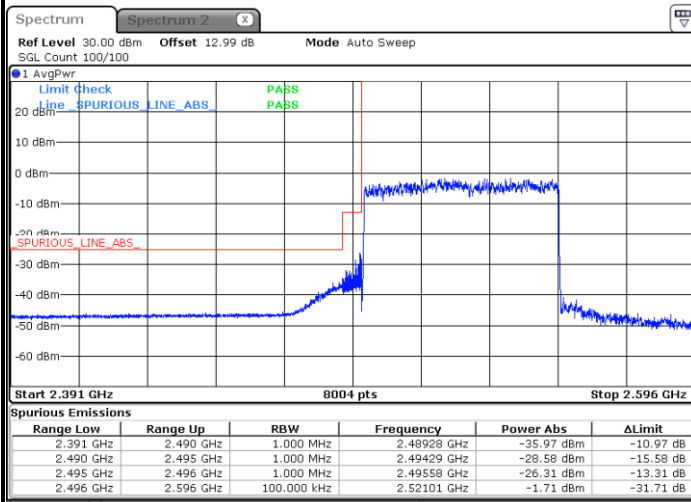
Date: 18.MAR.2022 22:40:25



Date: 18.MAR.2022 22:53:05

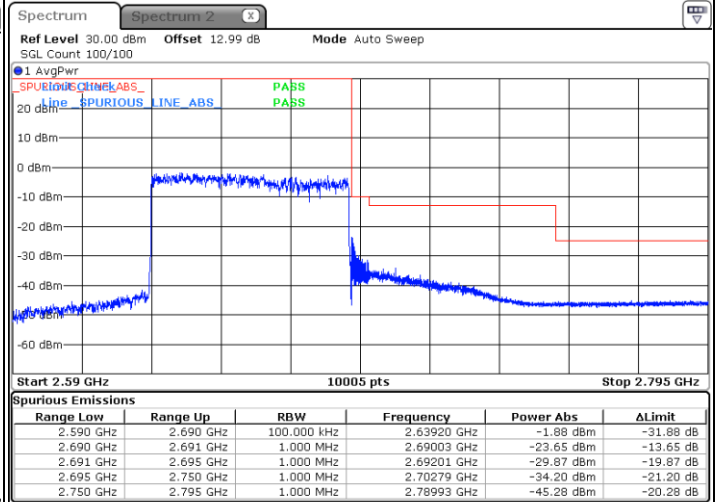


Lowest Band Edge / Full RB



Date: 18.MAR.2022 22:25:30

Highest Band Edge / Full RB



Date: 18.MAR.2022 22:47:04