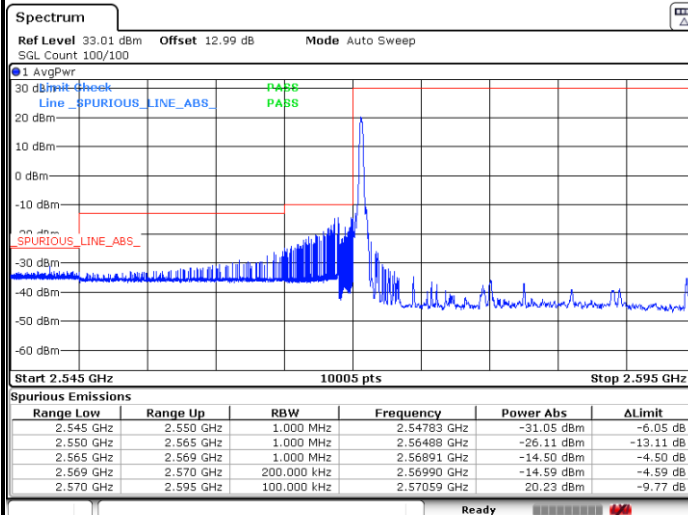


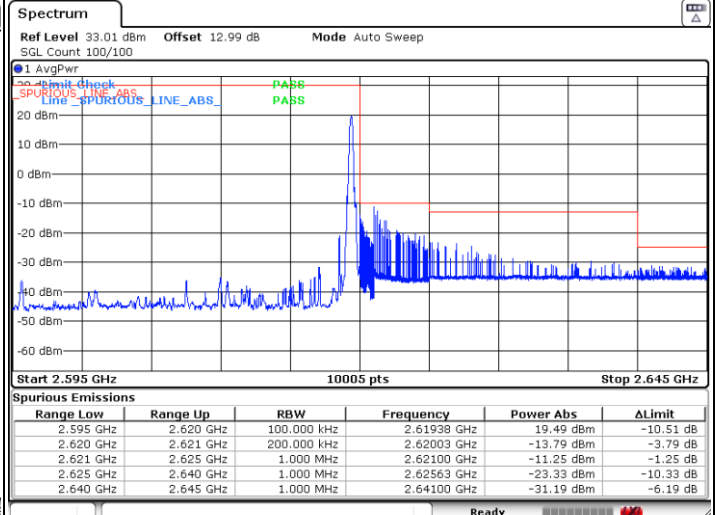


FR1 n38 / 25MHz / DFT-S OFDM / 64Q

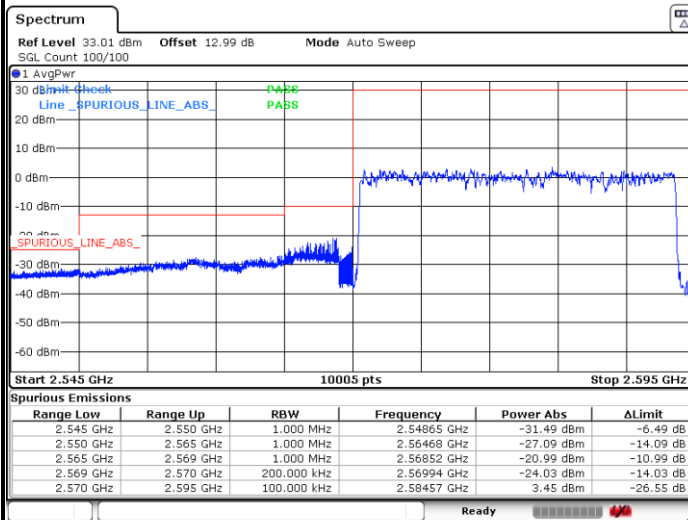
Lowest Band Edge / 1RB0



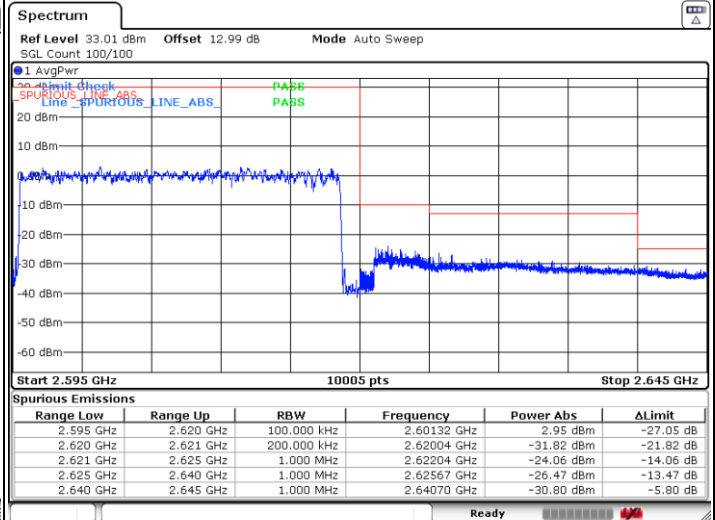
Highest Band Edge / 1RB24



Lowest Band Edge / Full RB



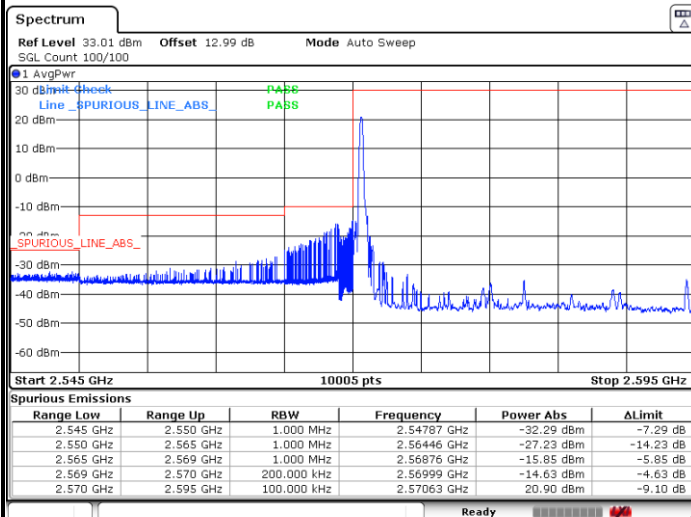
Highest Band Edge / Full RB



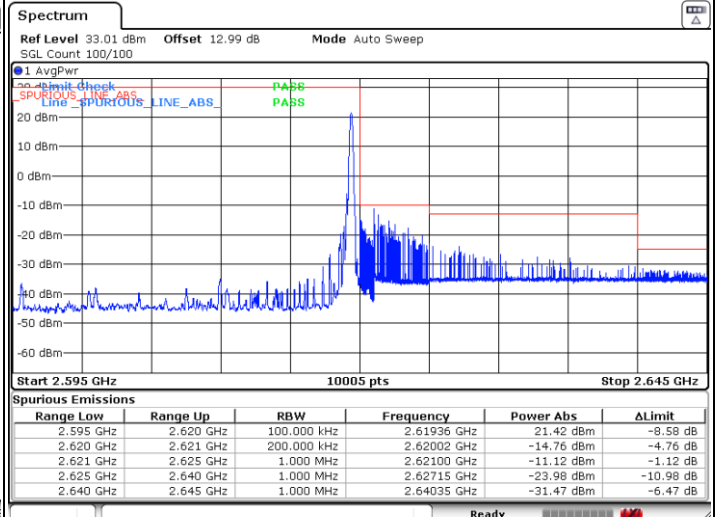


FR1 n38 / 25MHz / DFT-S OFDM / 256Q

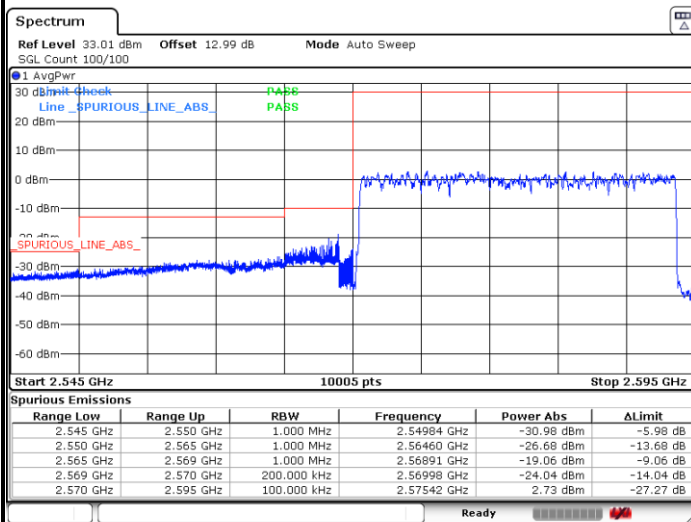
Lowest Band Edge / 1RB0



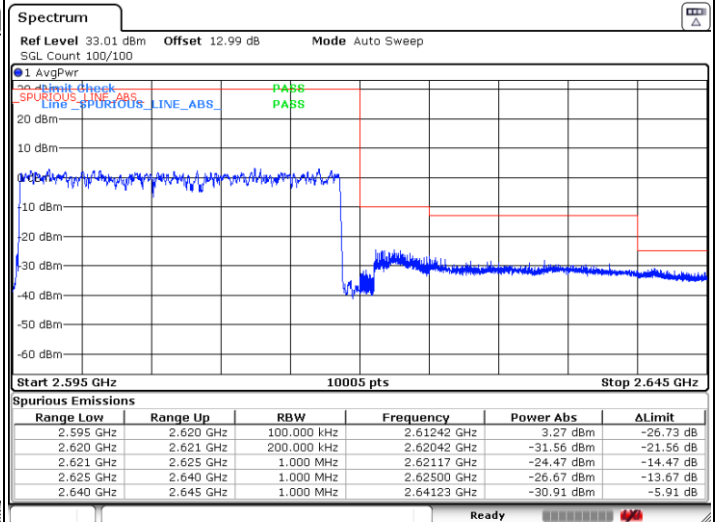
Highest Band Edge / 1RB24



Lowest Band Edge / Full RB



Highest Band Edge / Full RB



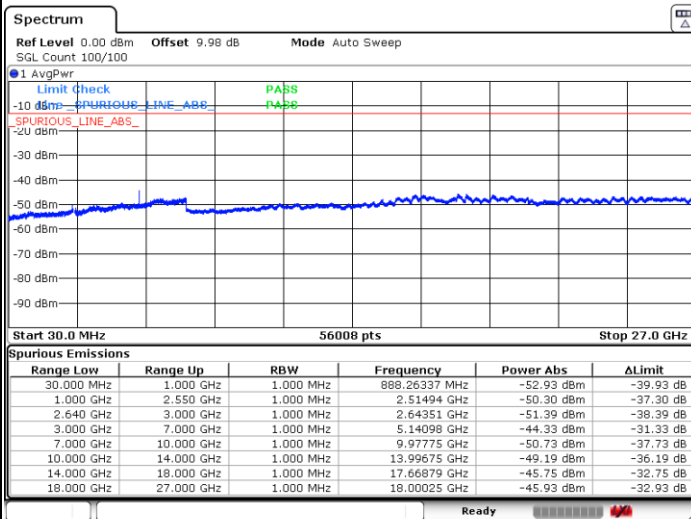


Conducted Spurious Emission

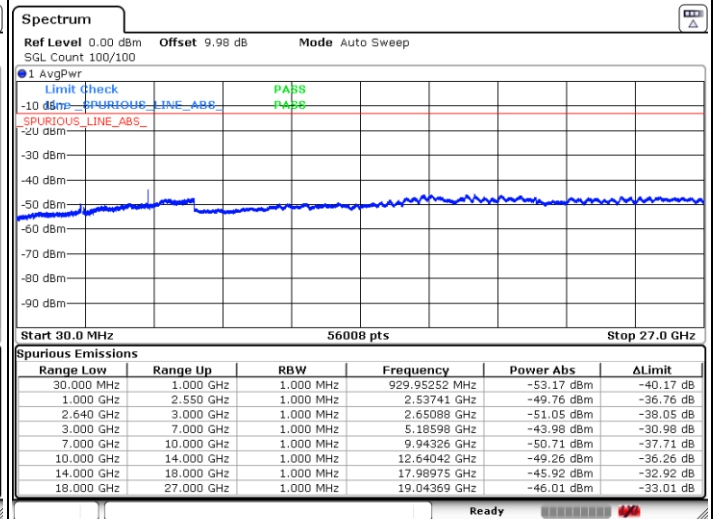
FR1 n38 / 5MHz / DFT-S OFDM / QPSK

Lowest Channel / 1RB1

Middle Channel / 1RB1

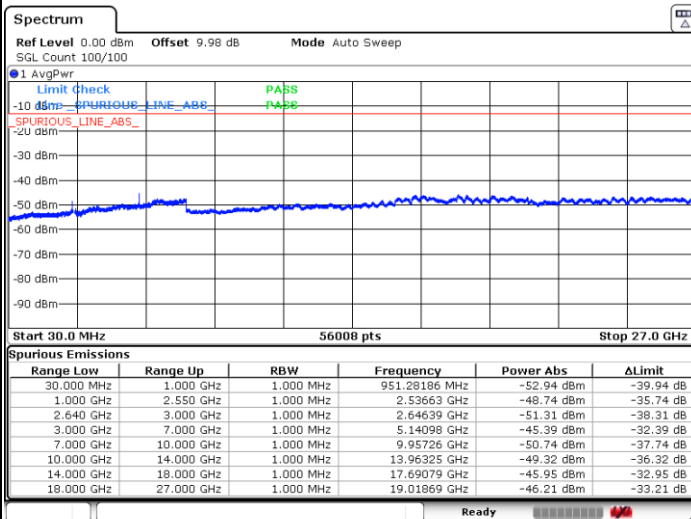


Date: 31.MAR.2022 05:50:55



Date: 31.MAR.2022 05:49:06

Highest Channel / 1RB1



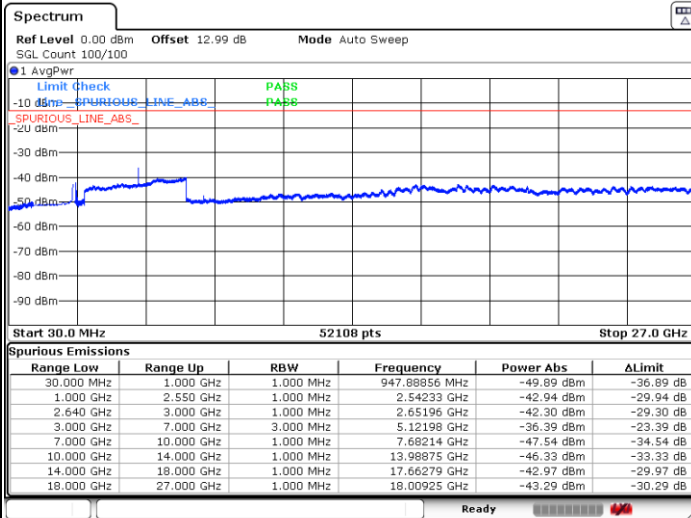
Date: 31.MAR.2022 05:51:46



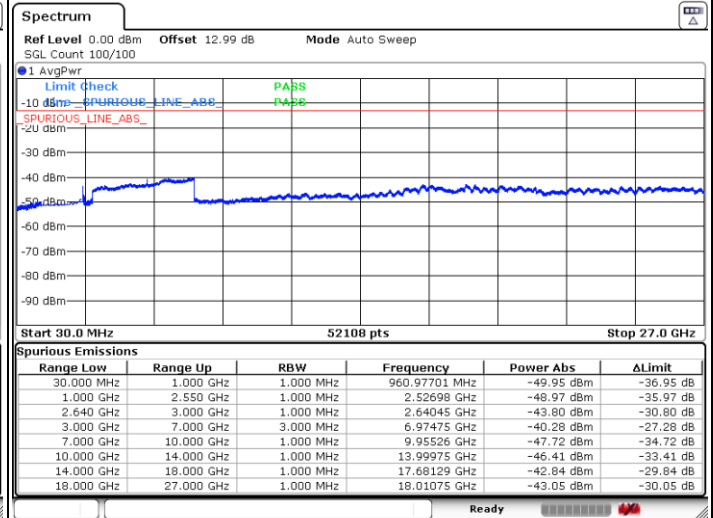
FR1 n38 / 25MHz / DFT-S OFDM / QPSK

Lowest Channel / 1RB1

Middle Channel / 1RB1

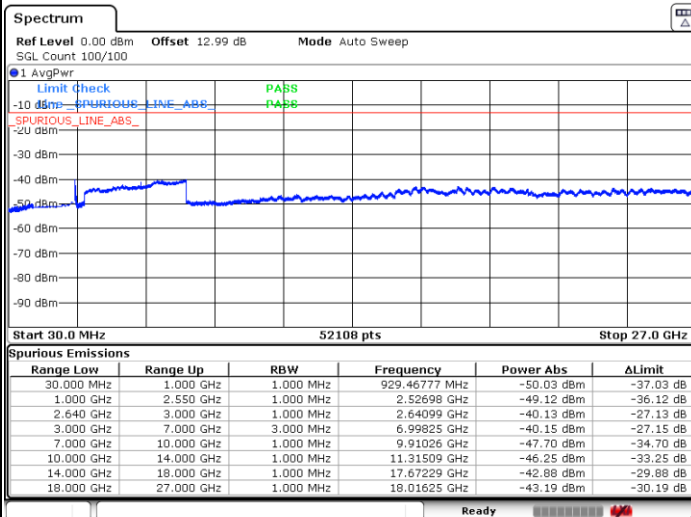


Date: 31.MAR.2022 05:05:05



Date: 31.MAR.2022 05:01:21

Highest Channel / 1RB1



Date: 31.MAR.2022 05:07:53

**Frequency Stability**

Test Conditions		FR1 n38 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 25MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0024	PASS
5	Normal Voltage	0.0012	
30	Normal Voltage	0.0015	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0009	
0	Normal Voltage	0.0012	
-10	Normal Voltage	0.0024	
-20	Normal Voltage	0.0012	
-30	Normal Voltage	0.0027	
20	Maximum Voltage	0.0032	
20	Normal Voltage	0.0009	
20	Battery End Point	0.0024	

Note:

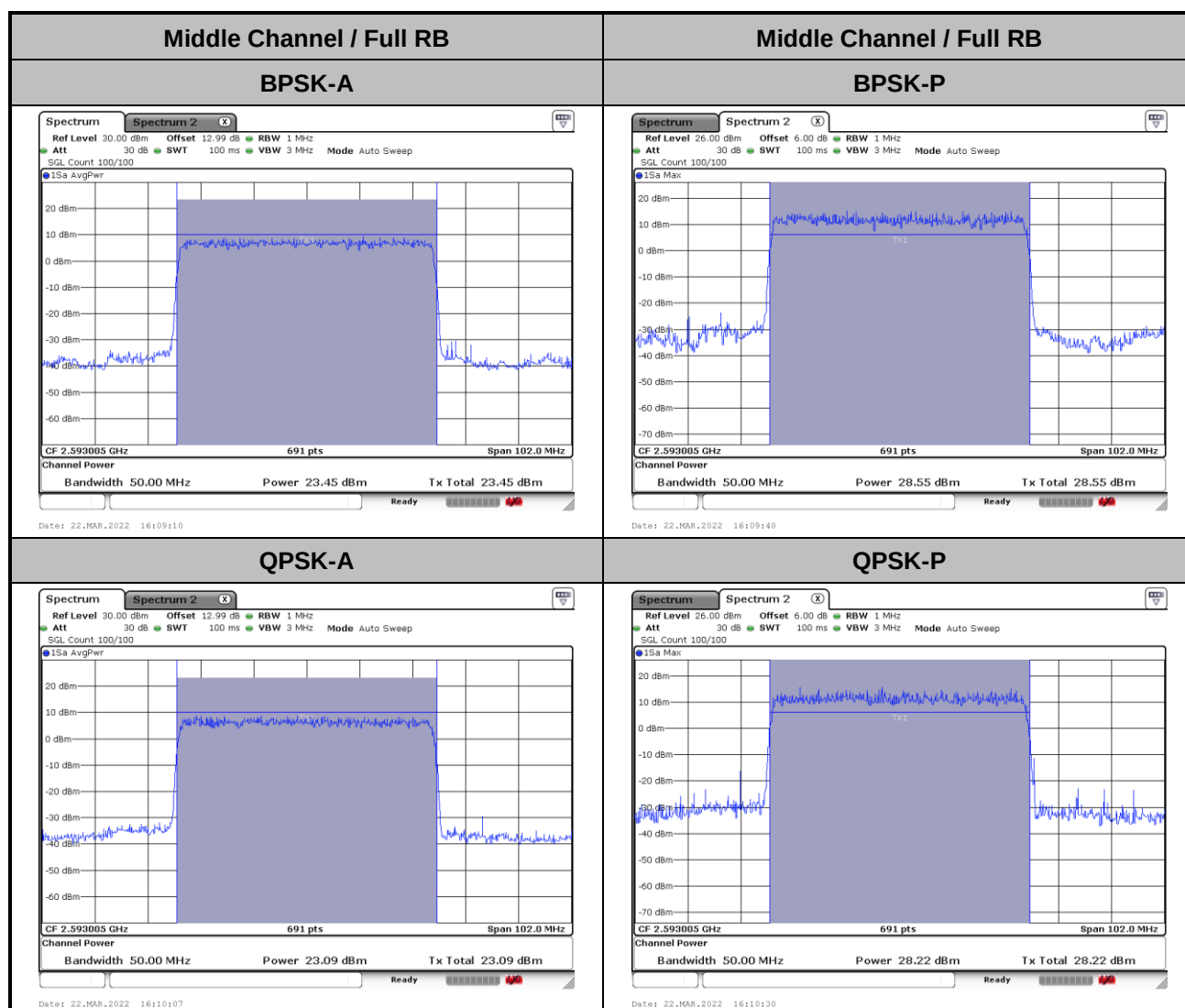
1. Normal Voltage =3.87 V. ; Battery End Point (BEP) =3.6 V. ; Maximum Voltage =4.45 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



FR1 n41(SCS 15kHz)

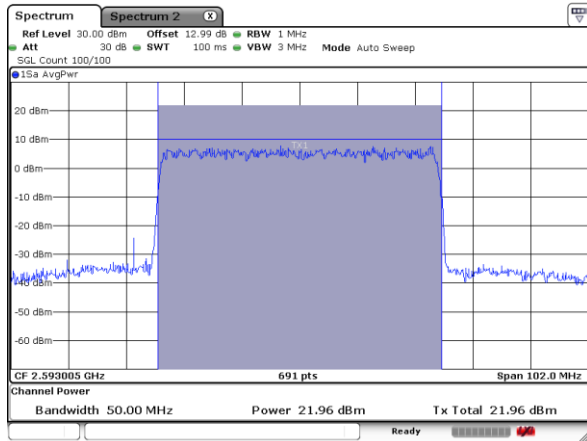
Peak-to-Average Ratio

Mode	FR1 n41 / 50MHz / DFT-S OFDM				
Mod.	50M				Limit: 13dB
RB Size	BPSK	QPSK	16QAM	64QAM	Result
Middle CH	5.10	5.13	5.43	5.38	PASS
RB Size	256QAM				
Middle CH	5.31				



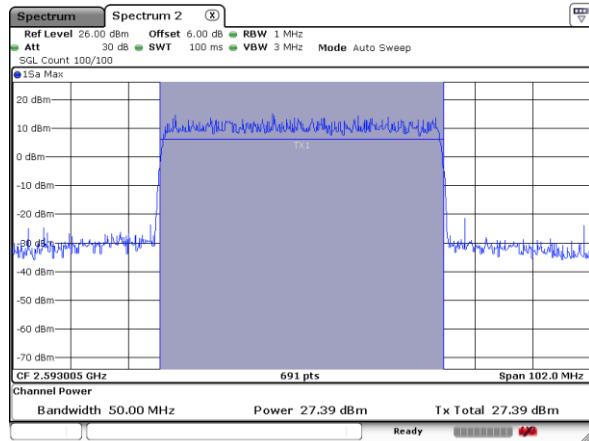


16QAM-A



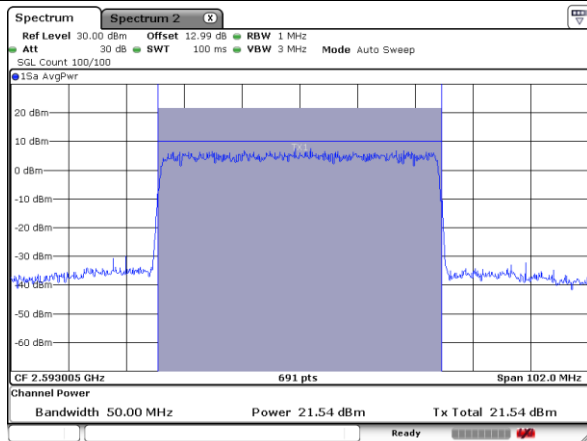
Date: 22.MAR.2022 16:10:59

16QAM-P



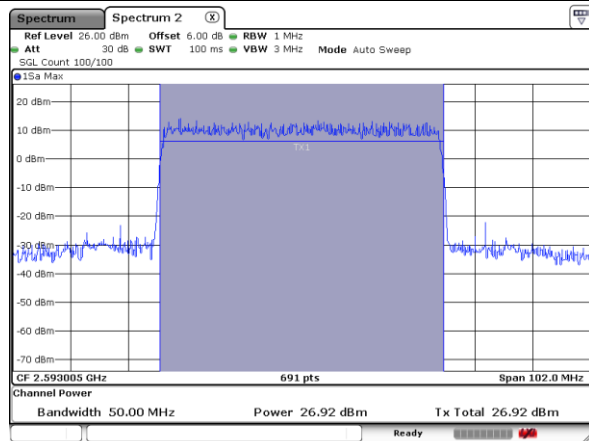
Date: 22.MAR.2022 16:11:25

64QAM-A



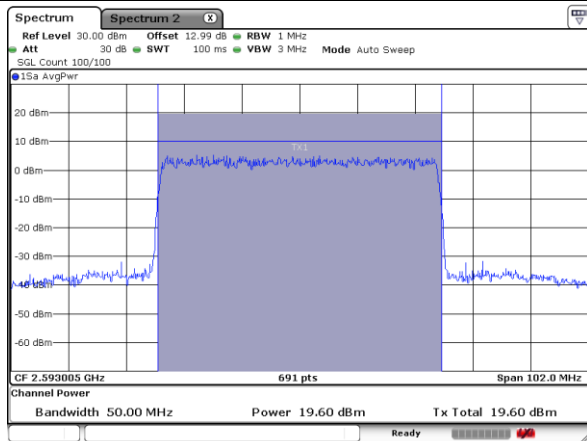
Date: 22.MAR.2022 16:11:50

64QAM-P



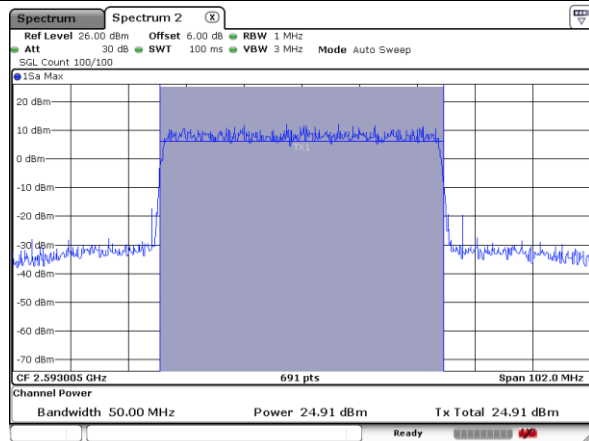
Date: 22.MAR.2022 16:12:14

256QAM-A



Date: 22.MAR.2022 16:12:45

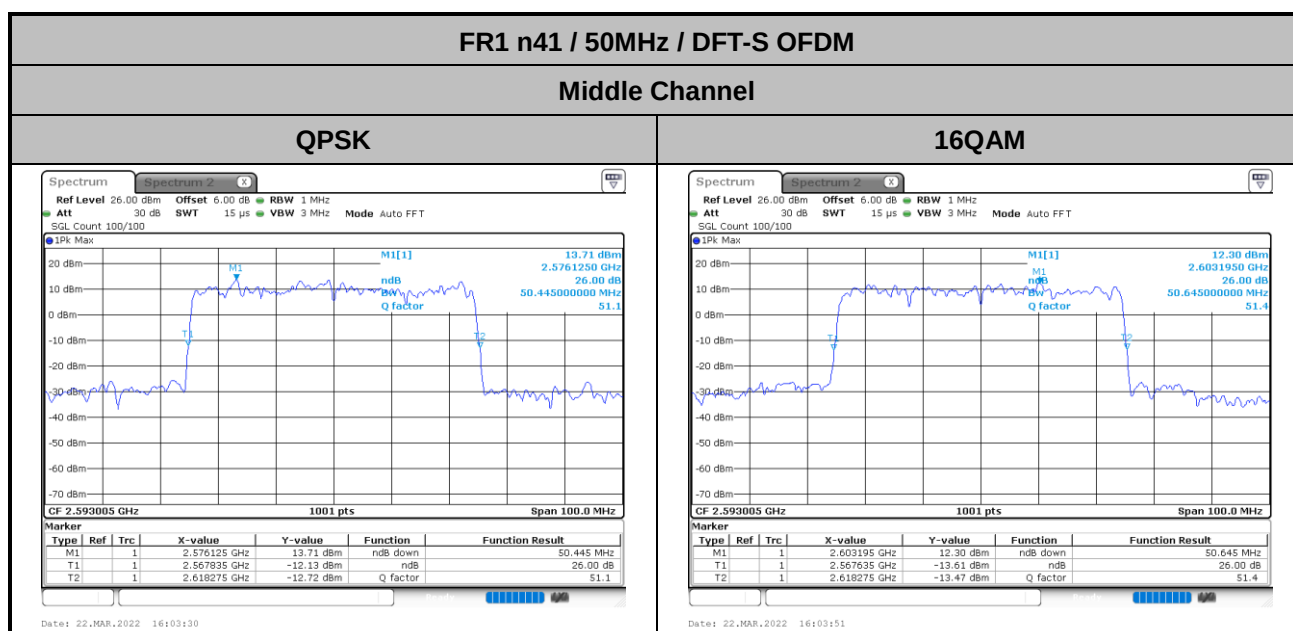
256QAM-P



Date: 22.MAR.2022 16:13:09

**26dB Bandwidth**

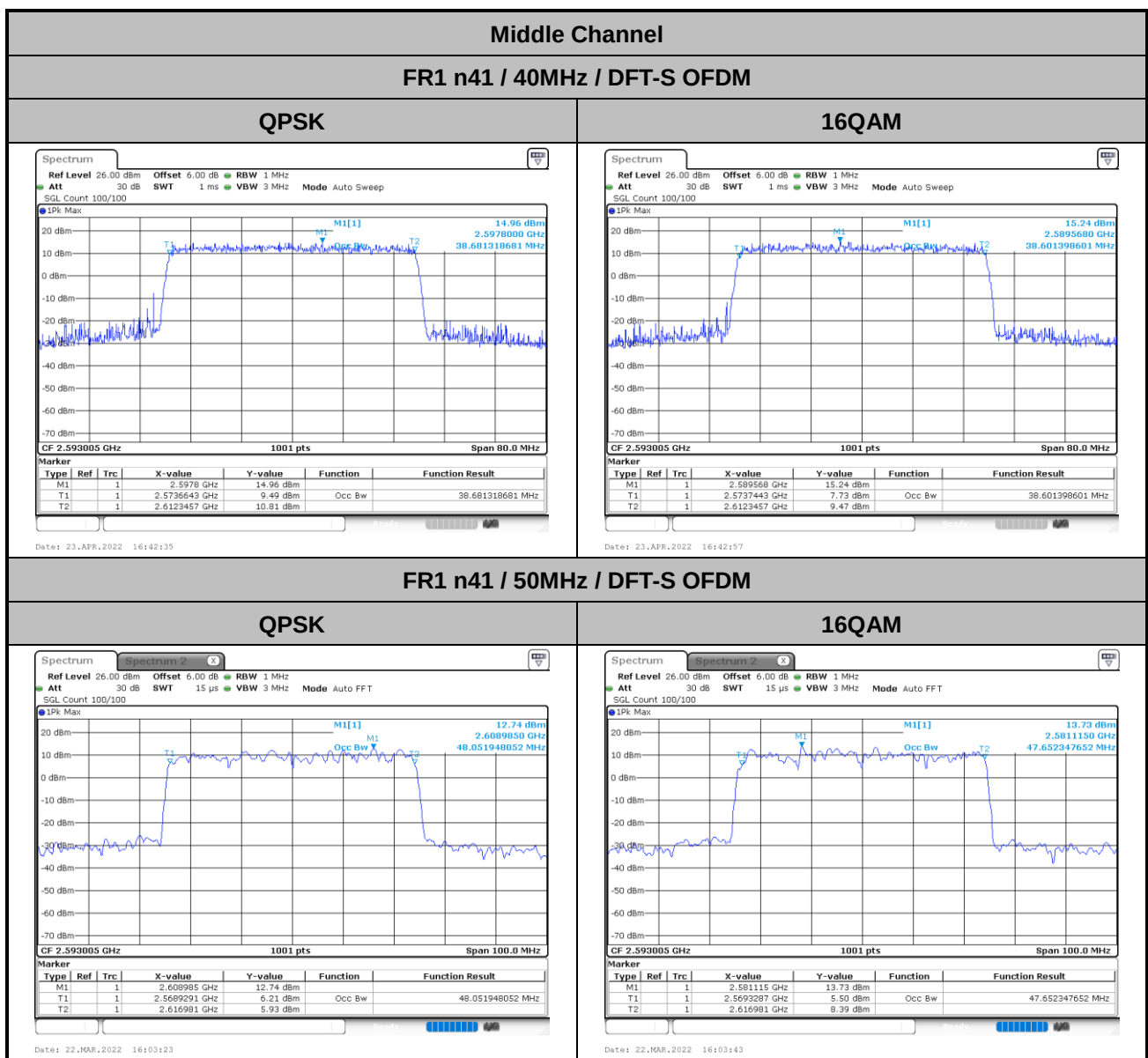
Mode	FR1 n41 : 26dB BW(MHz) / DFT-S OFDM	
BW	50M	
Mod.	QPSK	16QAM
Middle CH	50.45	50.65





Occupied Bandwidth

Mode	FR1 n41 : OB BW(MHz) / DFT-S OFDM	
BW	40M	
Mod.	QPSK	16QAM
Middle CH	38.68	38.60
BW	50M	
Mod.	QPSK	16QAM
Middle CH	48.05	47.65

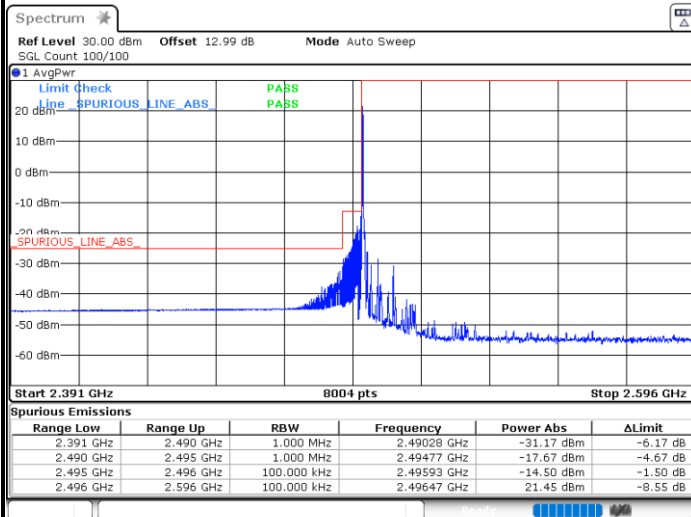




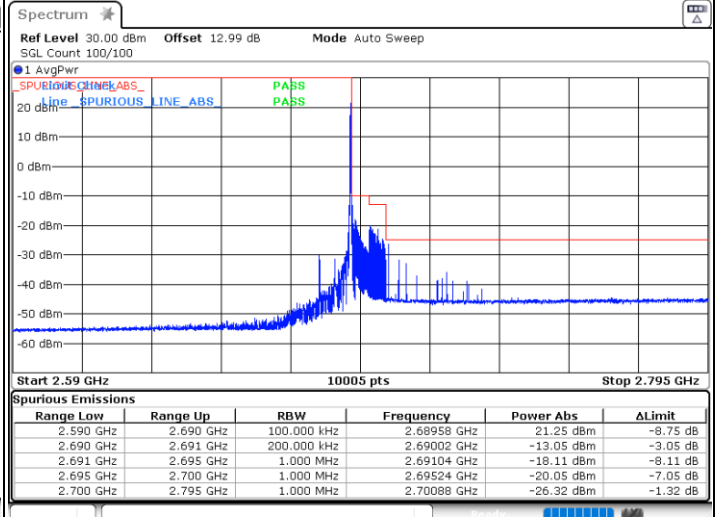
Conducted Band Edge

FR1 n41 / 10MHz / DFT-S OFDM / PI/2 BPSK

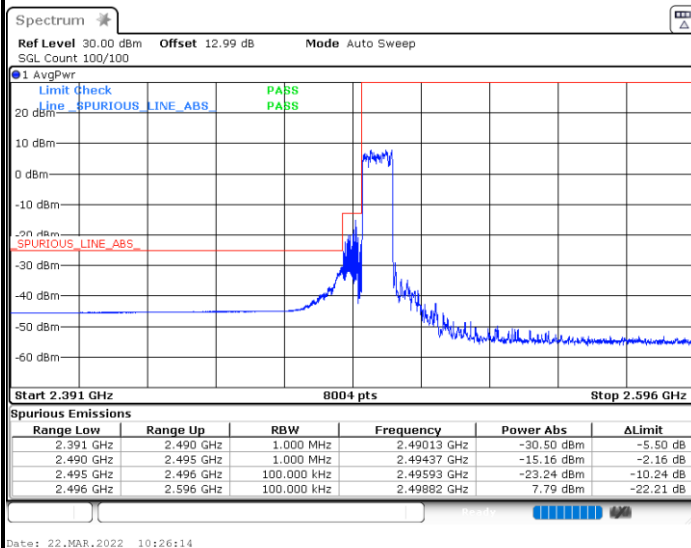
Lowest Band Edge / 1RB0



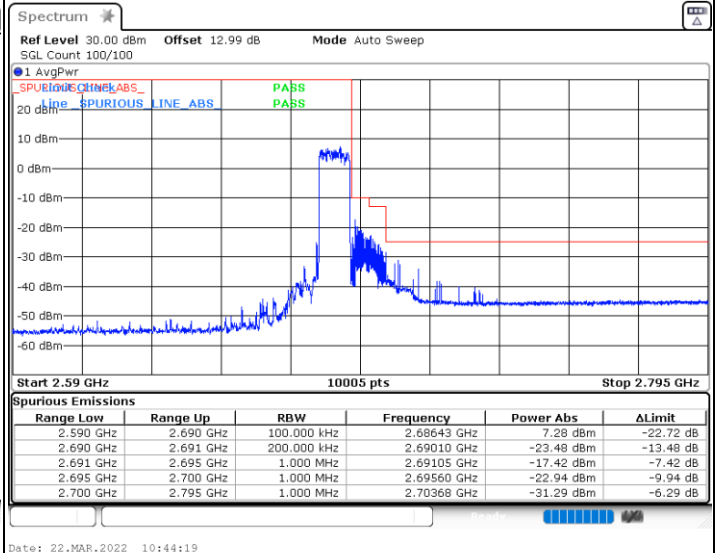
Highest Band Edge / 1RBmax



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

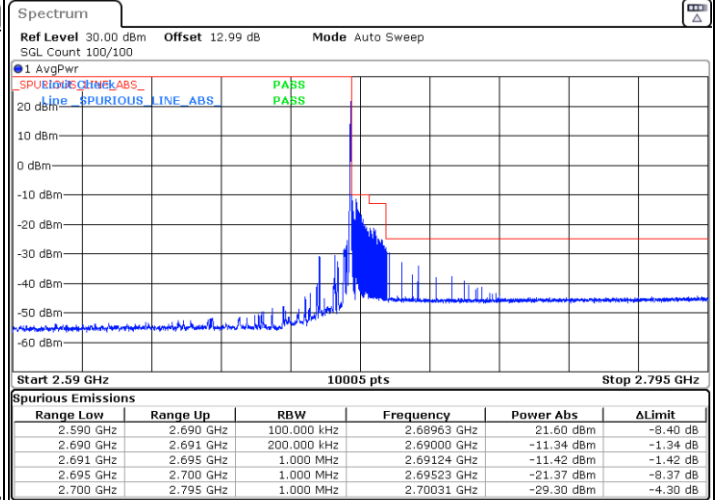
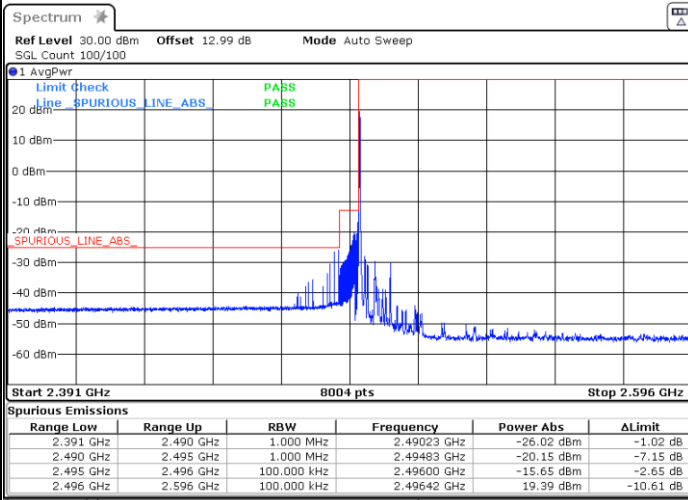




FR1 n41 / 10MHz / DFT-S OFDM / QPSK

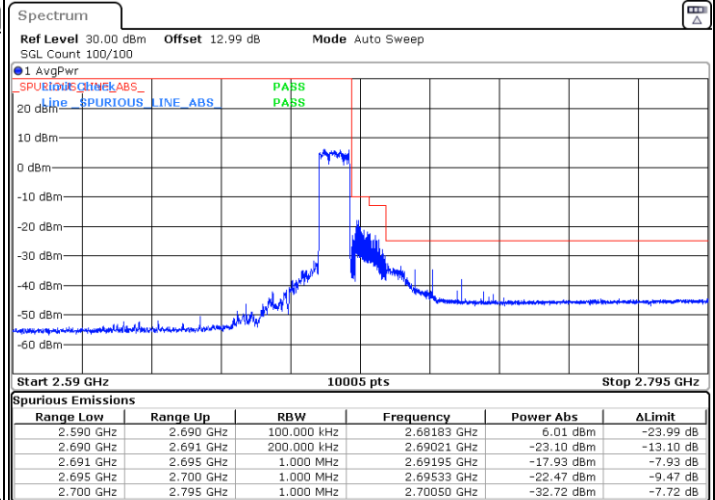
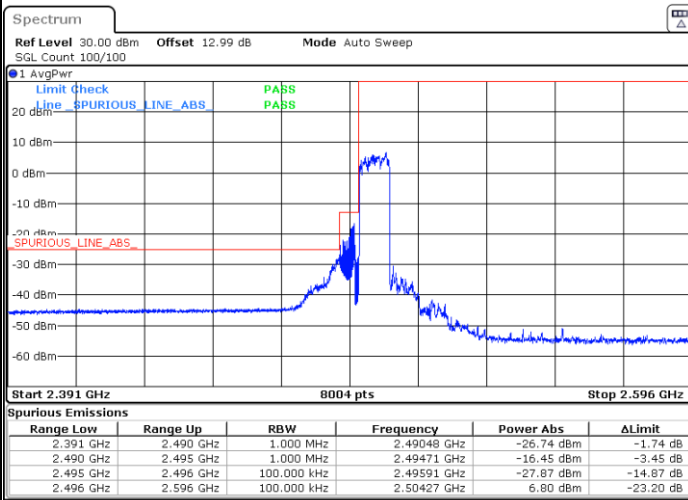
Lowest Band Edge / 1RB0

Highest Band Edge / 1RBmax



Lowest Band Edge / Full RB

Highest Band Edge / Full RB

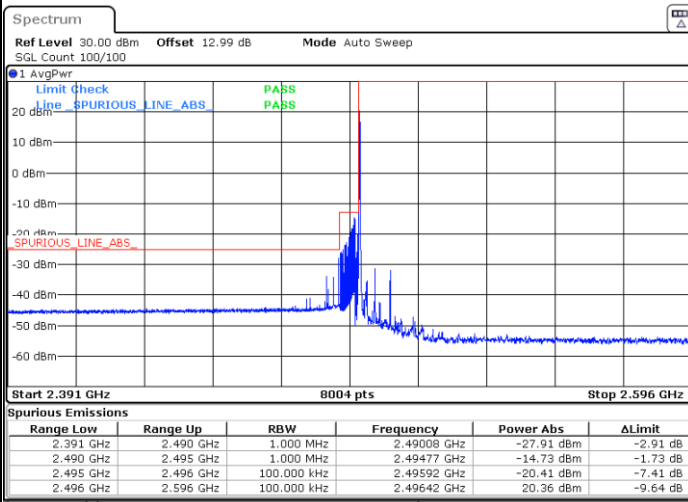




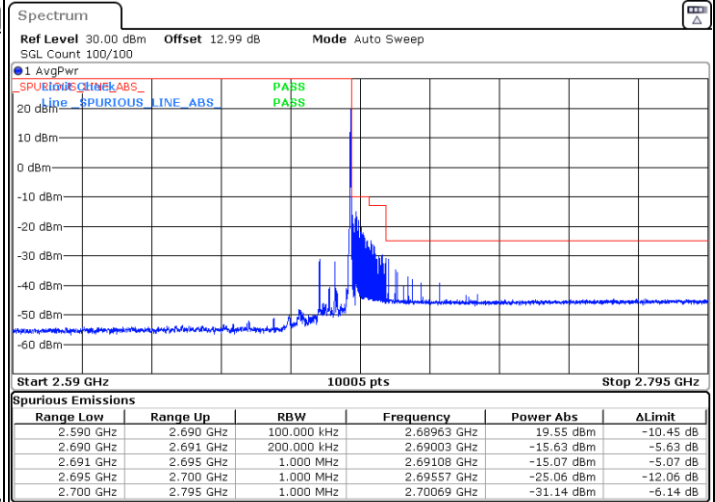
FR1 n41 / 10MHz / DFT-S OFDM / 16Q

Lowest Band Edge / 1RB0

Highest Band Edge / 1RBmax



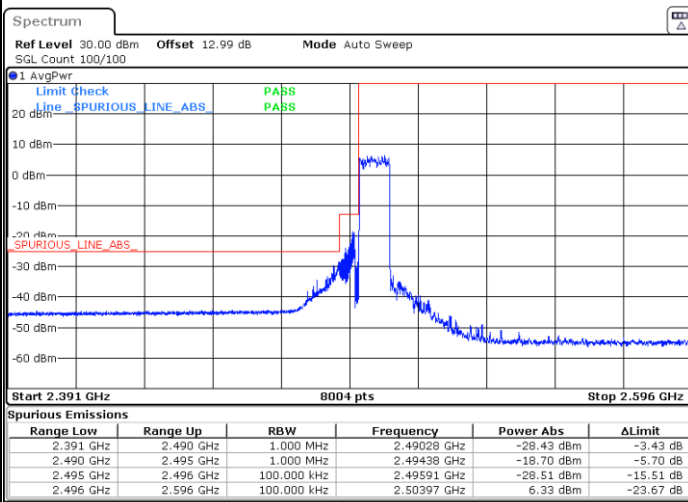
Date: 22.MAR.2022 10:32:57



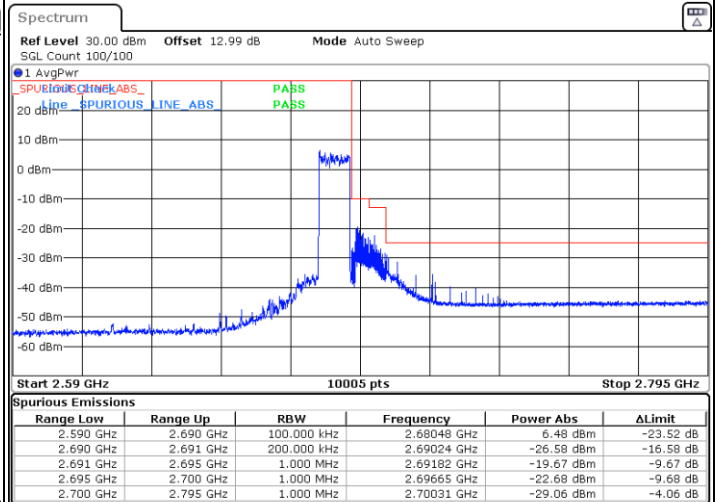
Date: 22.MAR.2022 10:47:38

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 22.MAR.2022 10:27:42



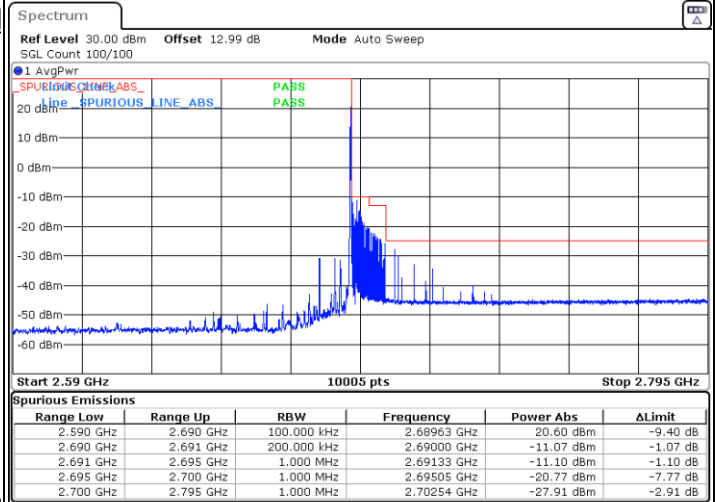
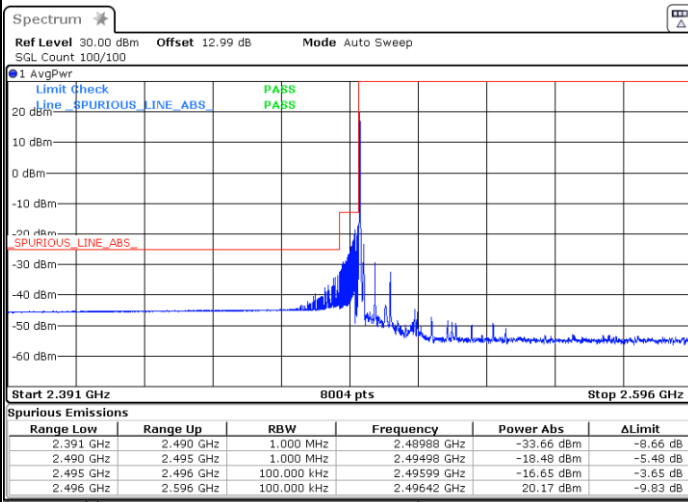
Date: 22.MAR.2022 10:45:44



FR1 n41 / 10MHz / DFT-S OFDM / 64Q

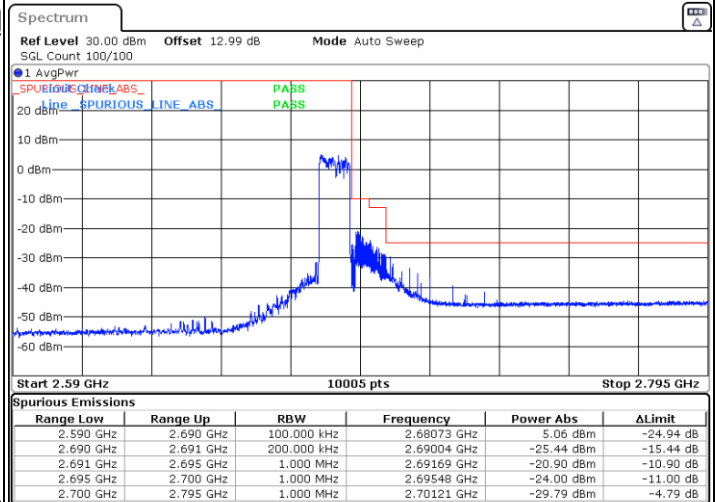
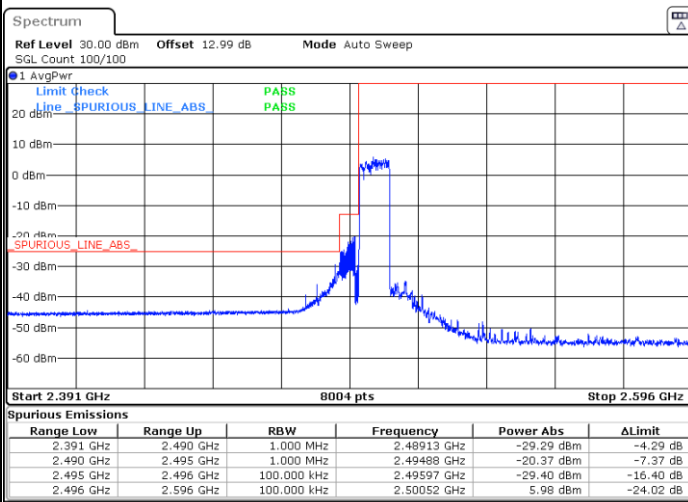
Lowest Band Edge / 1RB0

Highest Band Edge / 1RBmax



Lowest Band Edge / Full RB

Highest Band Edge / Full RB

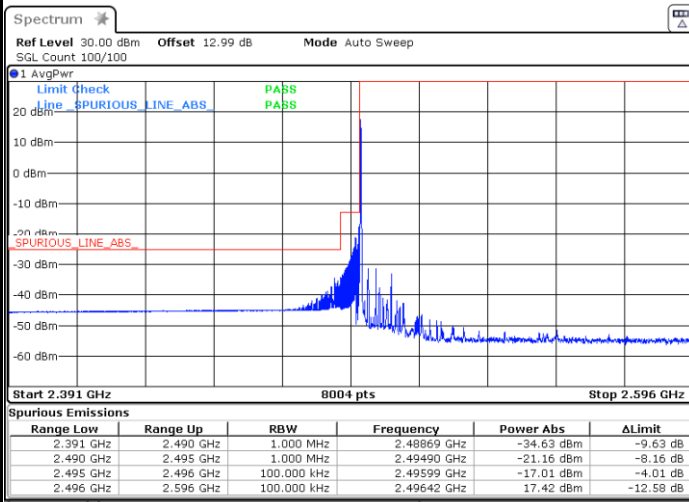




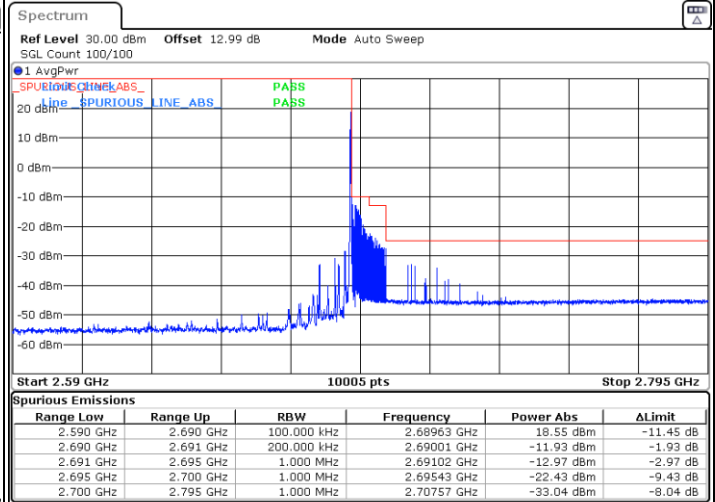
FR1 n41 / 10MHz / DFT-S OFDM / 256Q

Lowest Band Edge / 1RB0

Highest Band Edge / 1RBmax



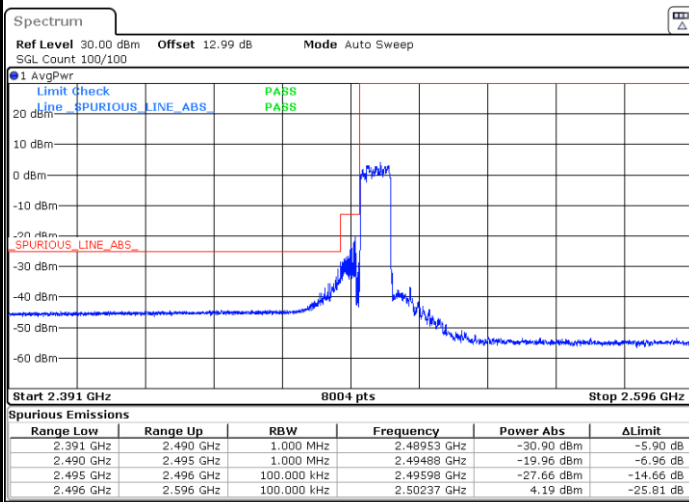
Date: 22.MAR.2022 10:31:32



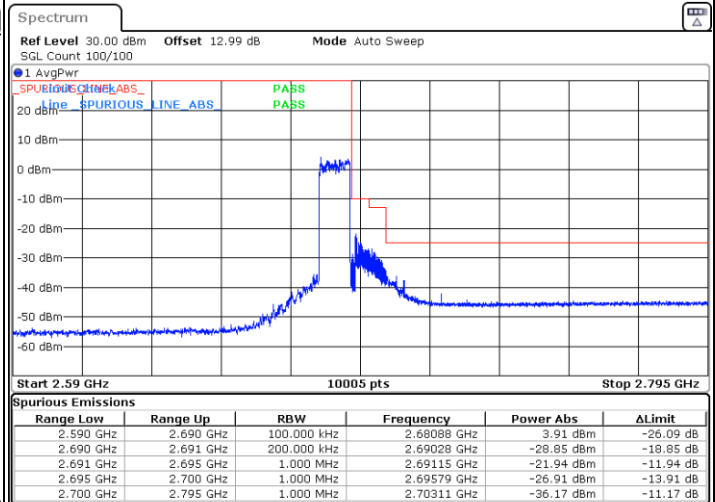
Date: 22.MAR.2022 10:47:00

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 22.MAR.2022 10:30:11



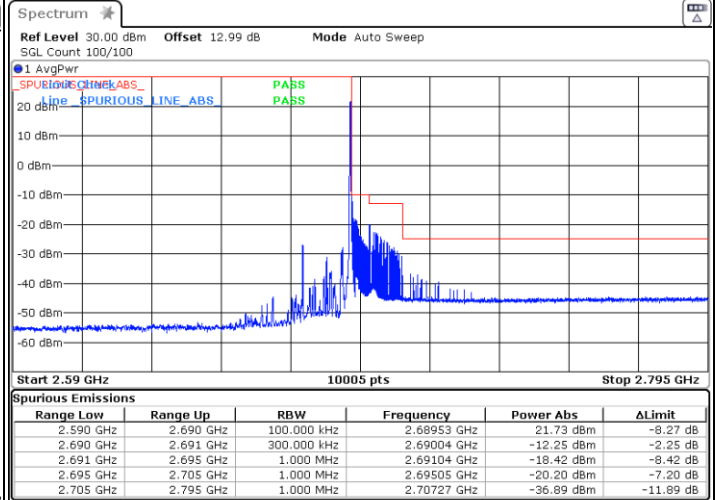
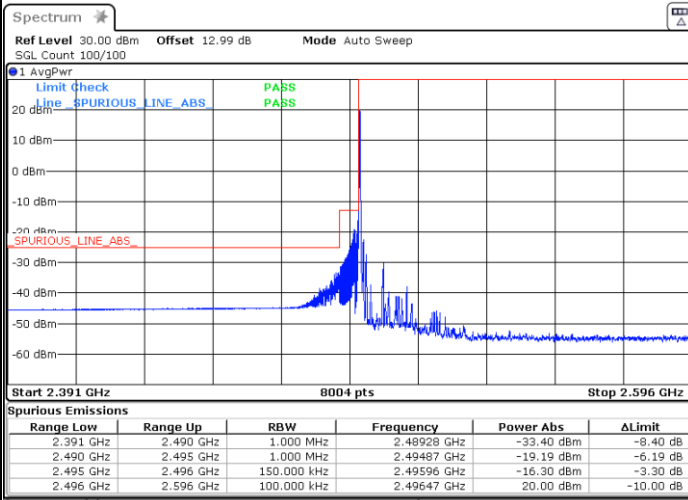
Date: 22.MAR.2022 10:46:29



FR1 n41 /15MHz / DFT-S OFDM / PI/2 BPSK

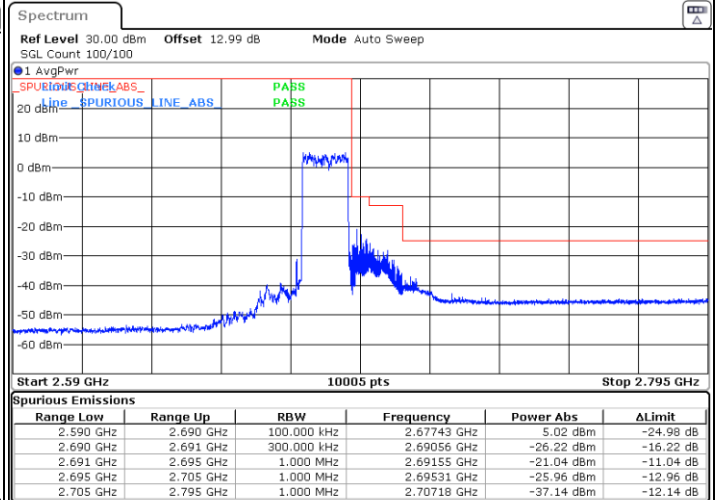
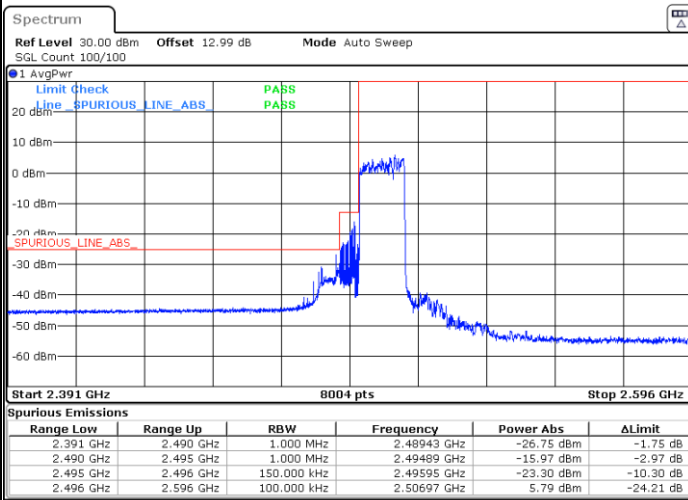
Lowest Band Edge / 1RB0

Highest Band Edge / 1RBmax



Lowest Band Edge / Full RB

Highest Band Edge / Full RB

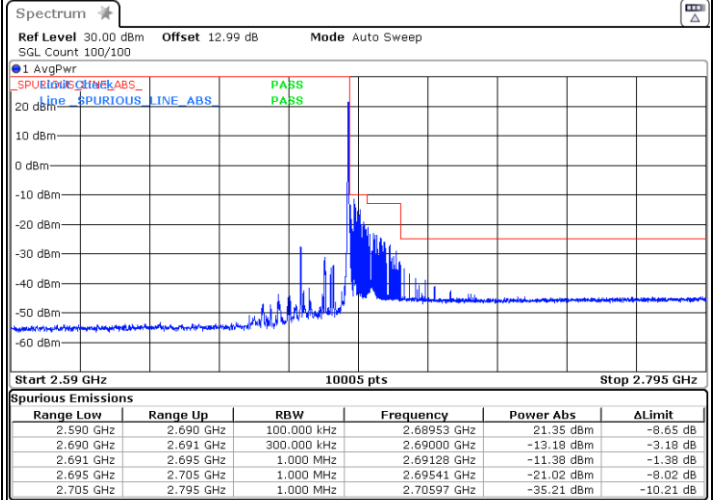
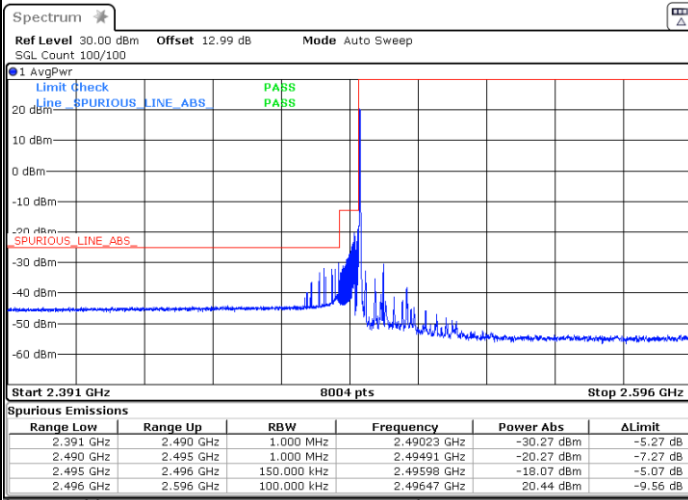




FR1 n41 / 15MHz / DFT-S OFDM / QPSK

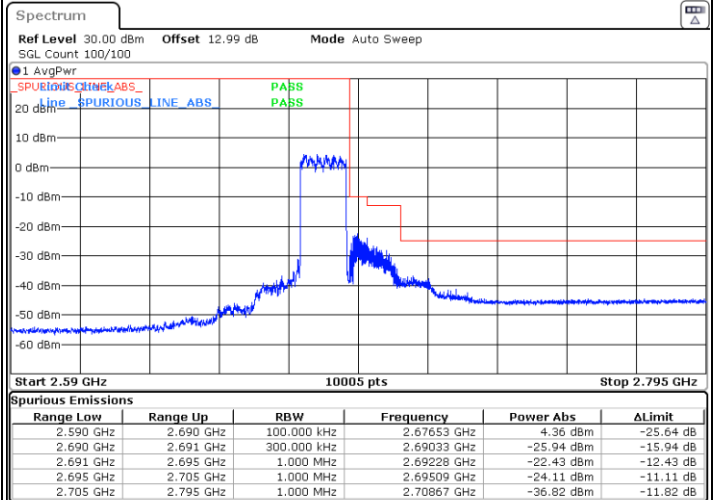
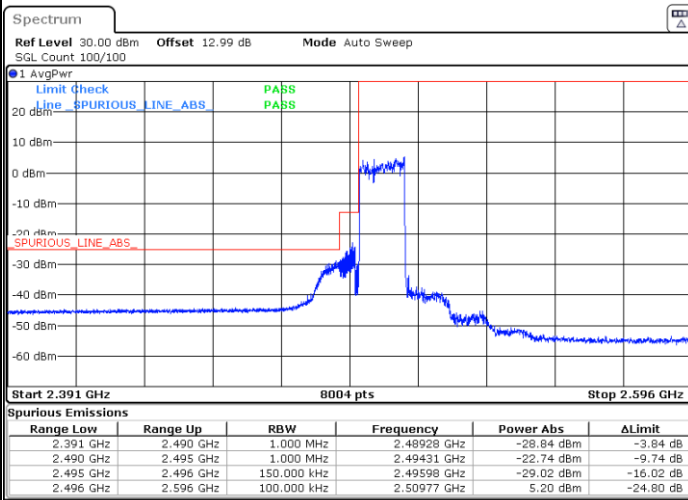
Lowest Band Edge / 1RB0

Highest Band Edge / 1RBmax



Lowest Band Edge / Full RB

Highest Band Edge / Full RB

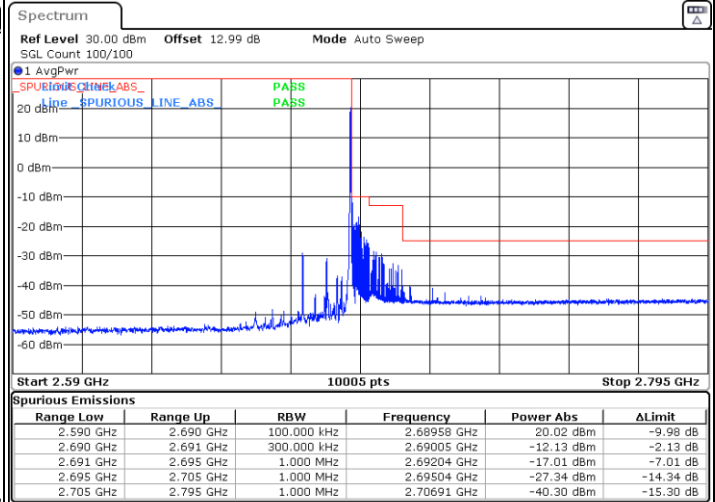
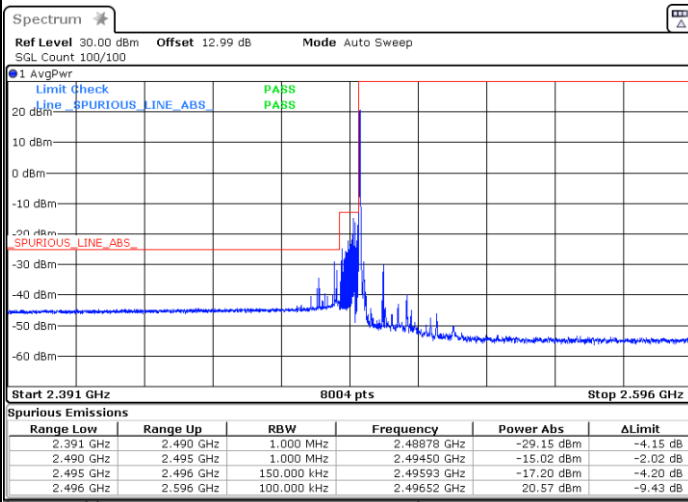




FR1 n41 / 15MHz / DFT-S OFDM / 16Q

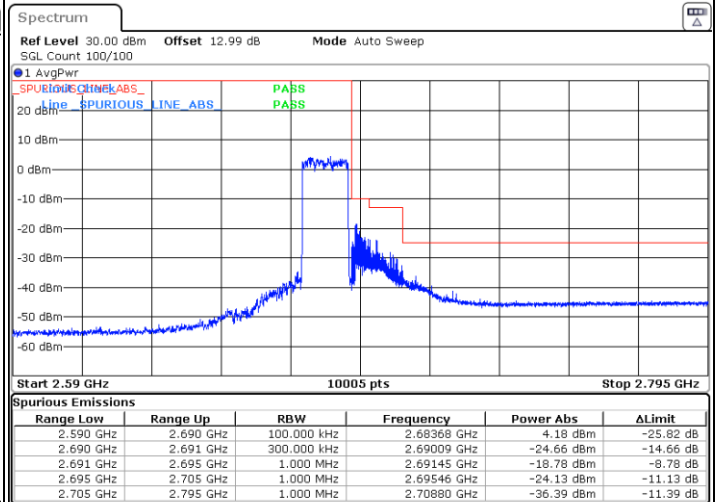
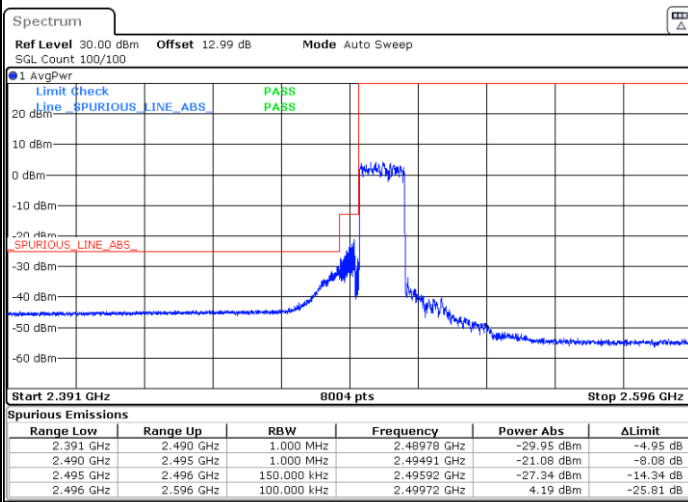
Lowest Band Edge / 1RB0

Highest Band Edge / 1RBmax



Lowest Band Edge / Full RB

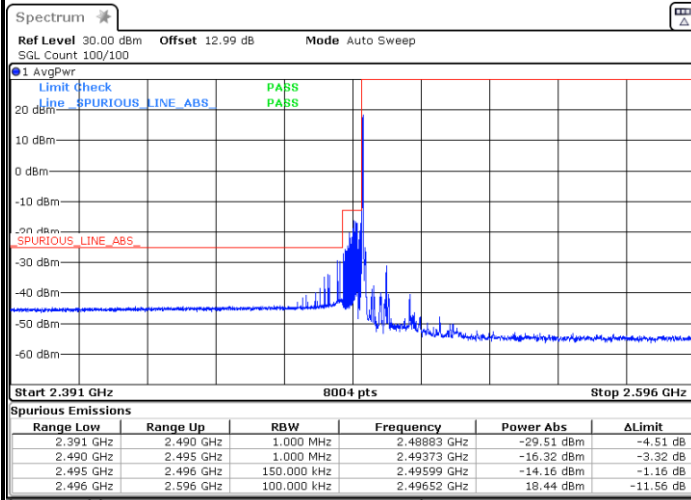
Highest Band Edge / Full RB



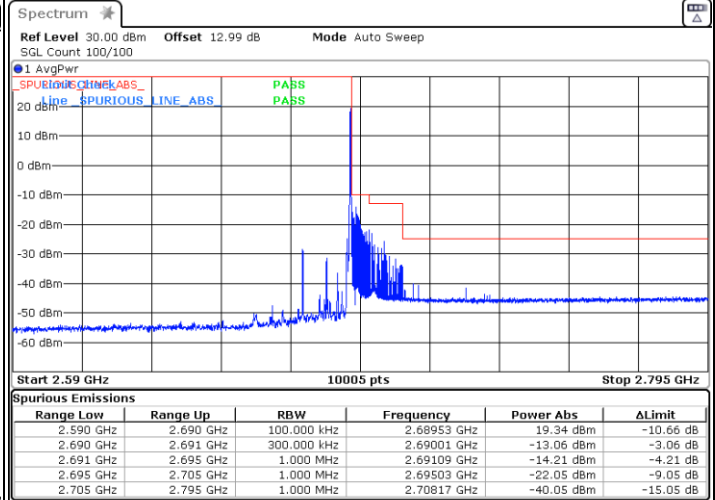


FR1 n41 / 15MHz / DFT-S OFDM / 64Q

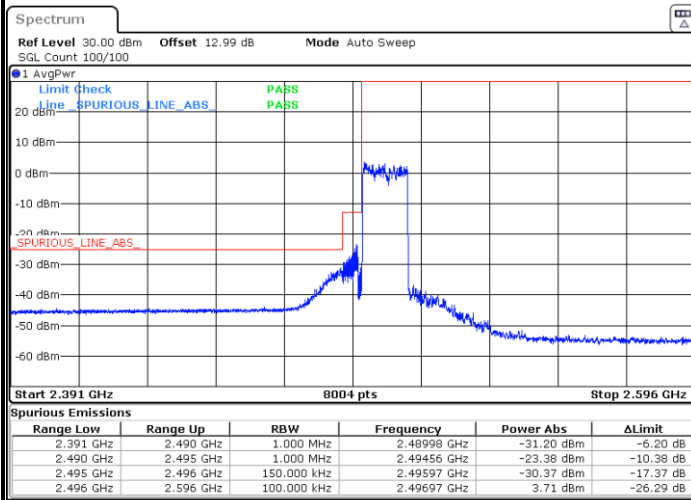
Lowest Band Edge / 1RB0



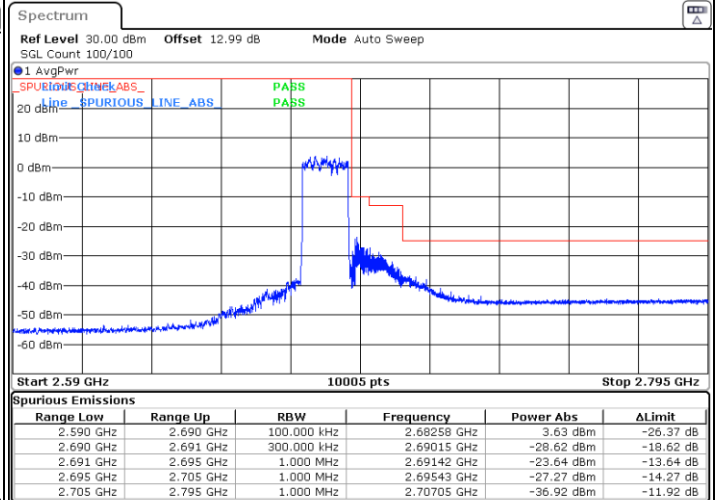
Highest Band Edge / 1RBmax



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

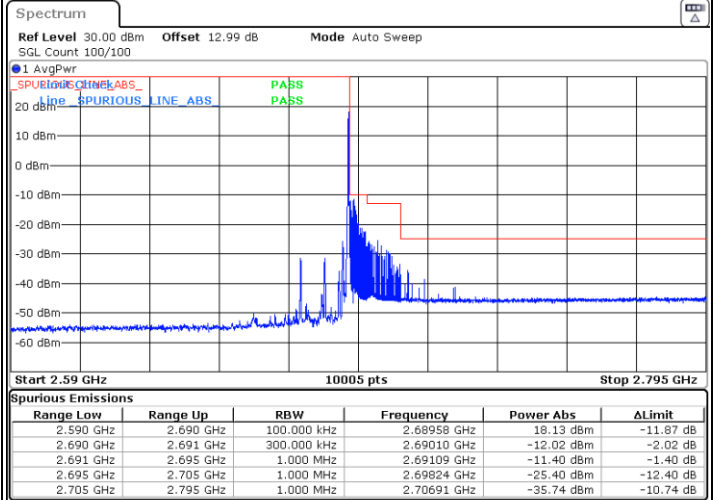
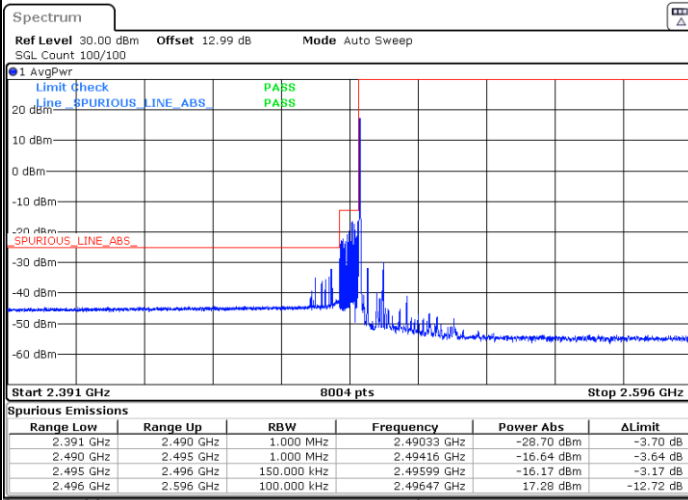




FR1 n41 / 15MHz / DFT-S OFDM / 256Q

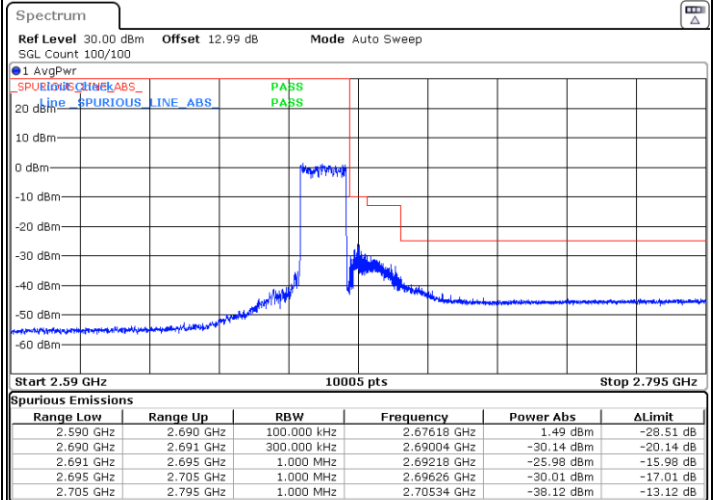
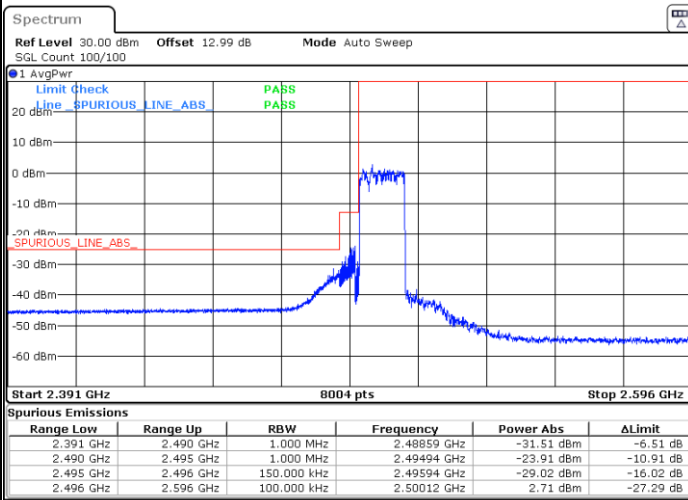
Lowest Band Edge / 1RB0

Highest Band Edge / 1RBmax



Lowest Band Edge / Full RB

Highest Band Edge / Full RB

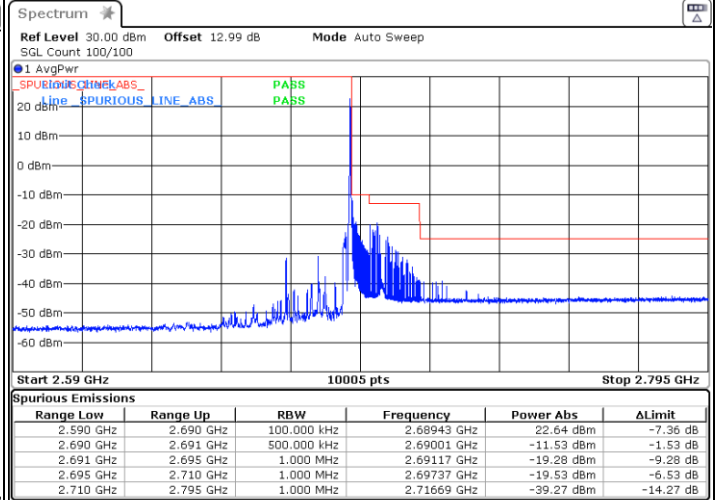
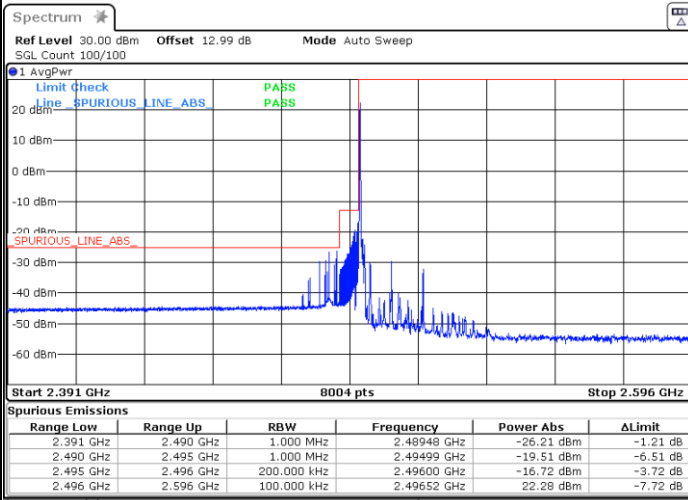




FR1 n41 / 20MHz / DFT-S OFDM / PI/2 BPSK

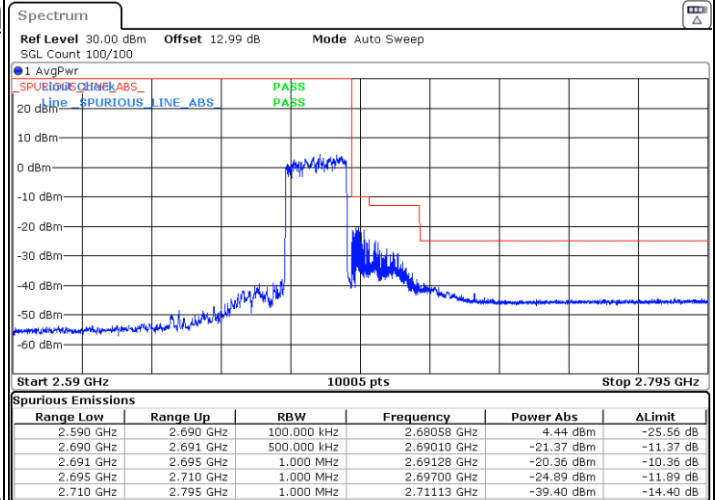
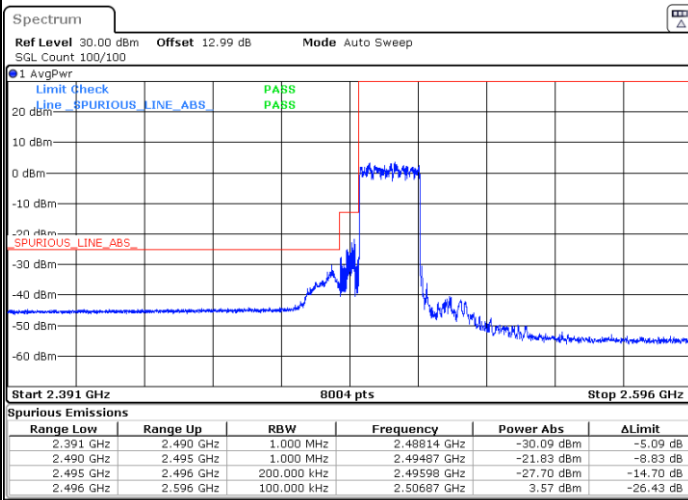
Lowest Band Edge / 1RB0

Highest Band Edge / 1RBmax



Lowest Band Edge / Full RB

Highest Band Edge / Full RB

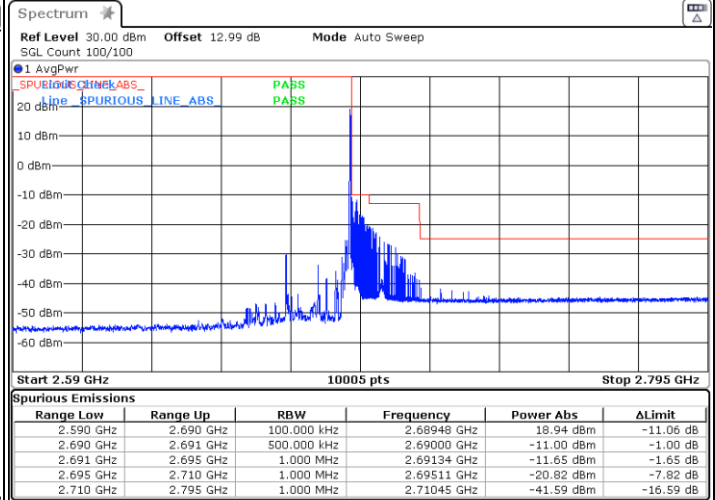
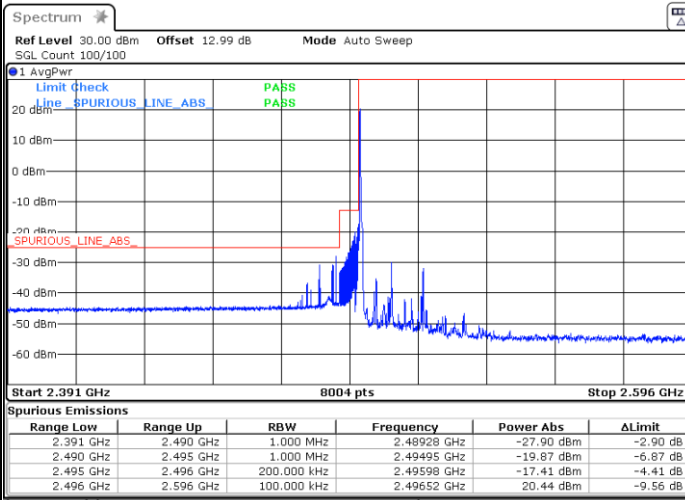




FR1 n41 / 20MHz / DFT-S OFDM / QPSK

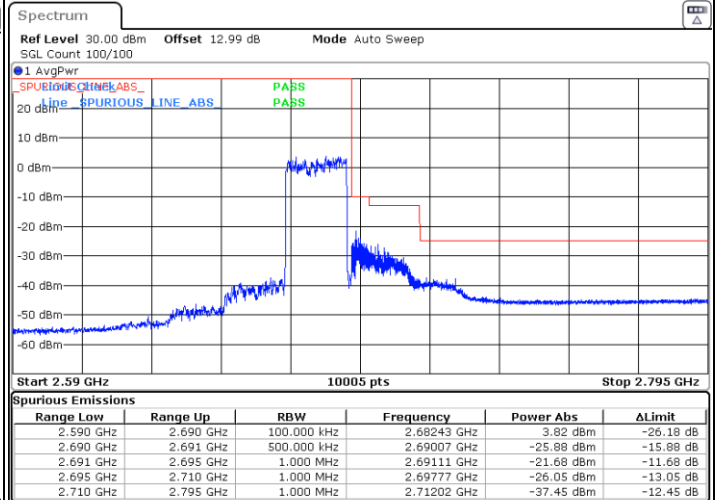
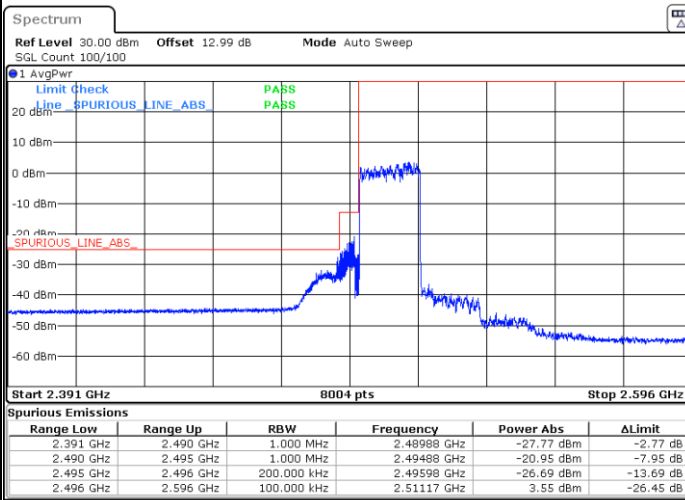
Lowest Band Edge / 1RB0

Highest Band Edge / 1RBmax



Lowest Band Edge / Full RB

Highest Band Edge / Full RB

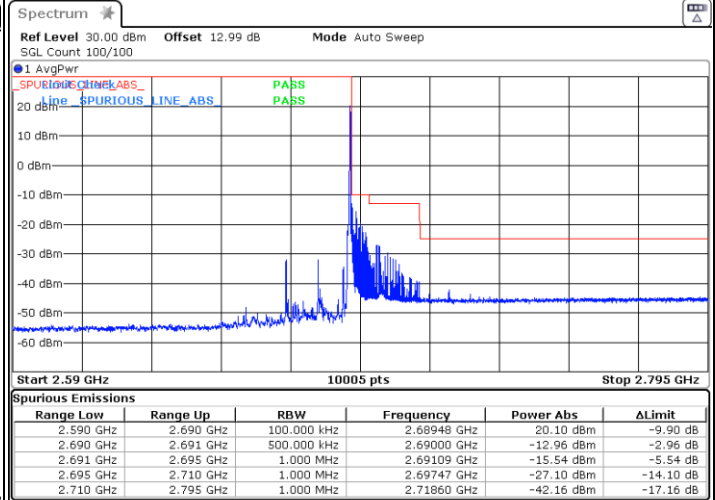
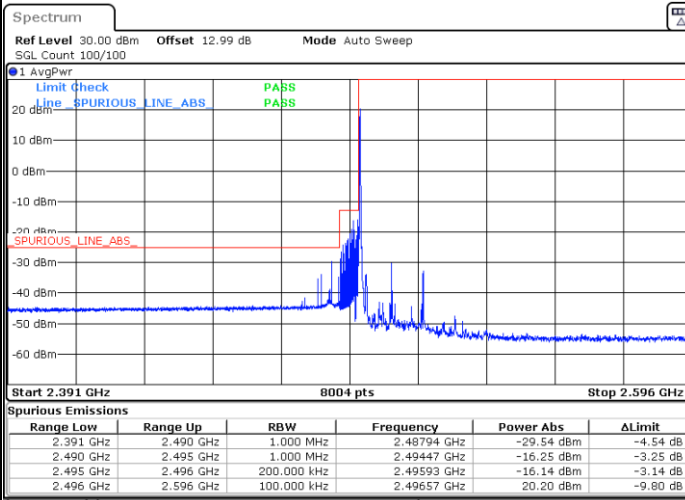




FR1 n41 / 20MHz / DFT-S OFDM / 16Q

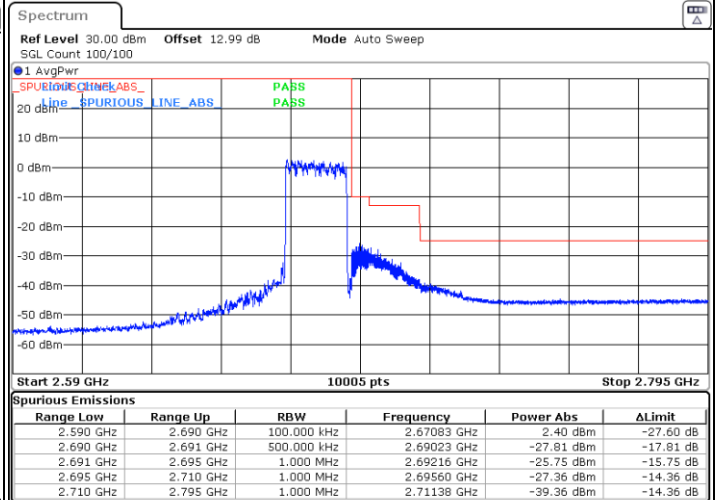
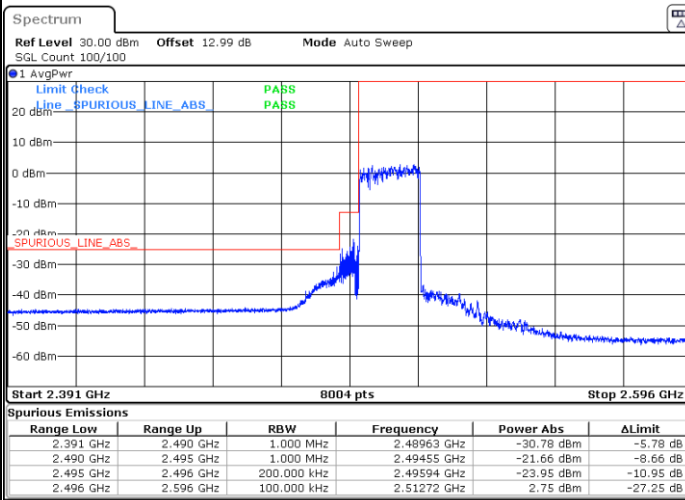
Lowest Band Edge / 1RB0

Highest Band Edge / 1RBmax



Lowest Band Edge / Full RB

Highest Band Edge / Full RB

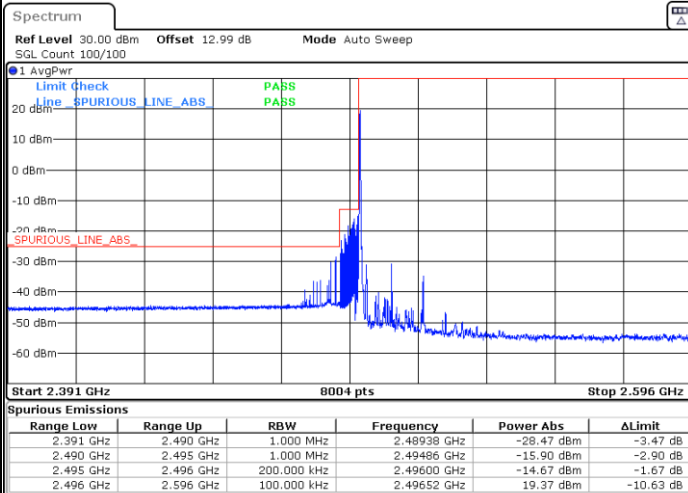




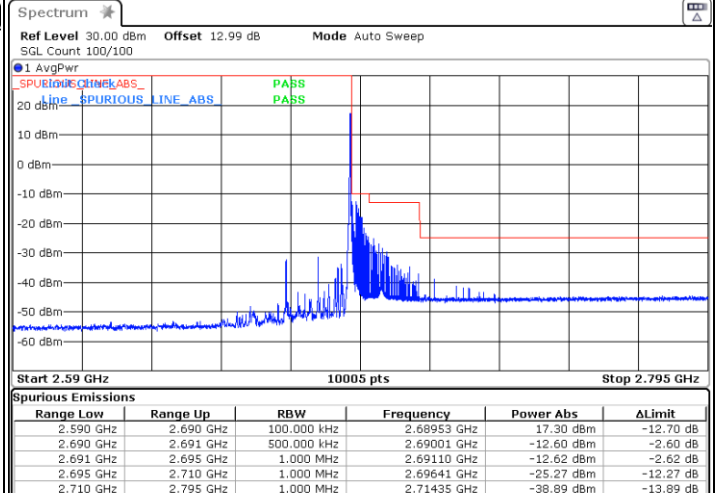
FR1 n41 / 20MHz / DFT-S OFDM / 64Q

Lowest Band Edge / 1RB0

Highest Band Edge / 1RBmax



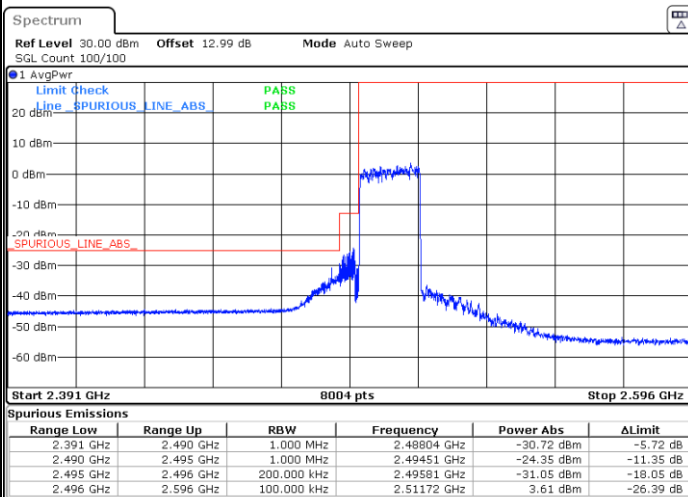
Date: 22.MAR.2022 13:17:04



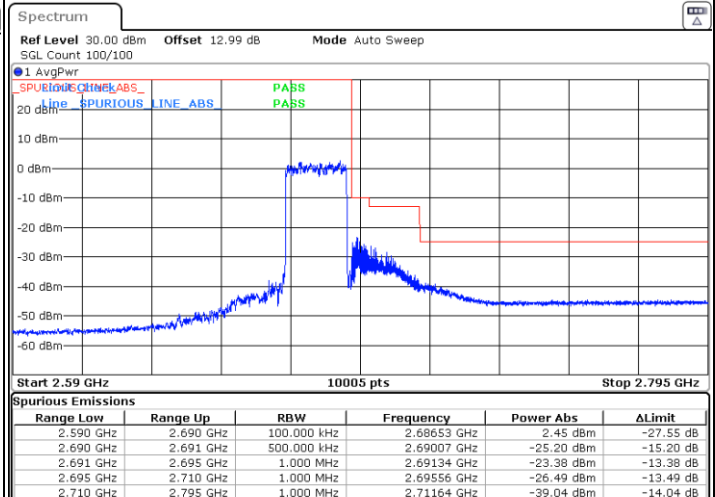
Date: 22.MAR.2022 13:48:39

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 22.MAR.2022 13:15:06

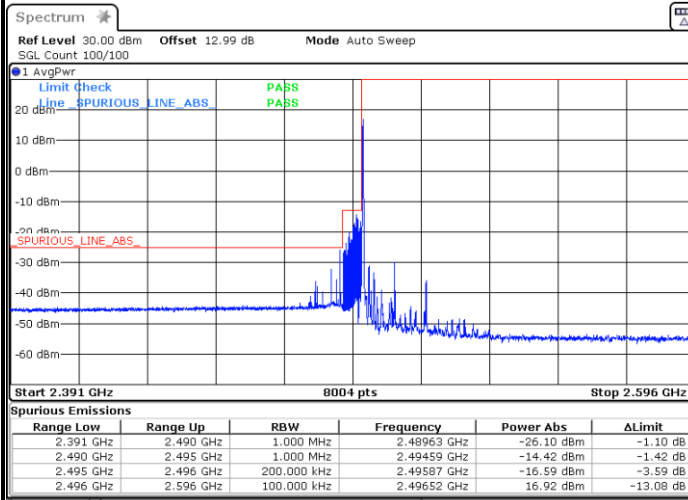


Date: 22.MAR.2022 13:46:42

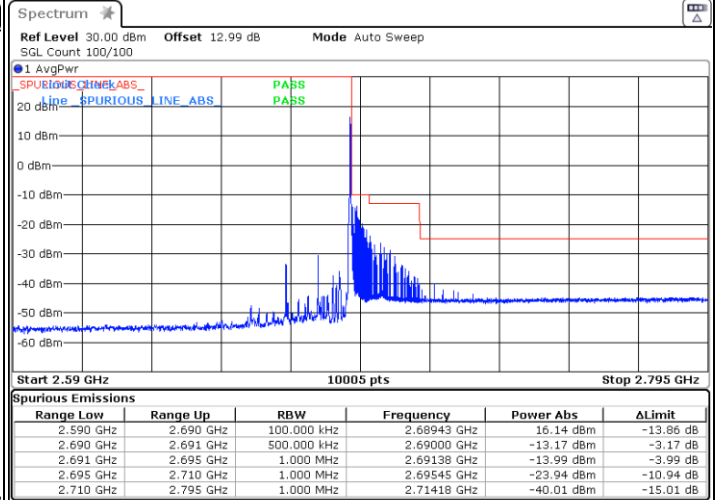


FR1 n41 / 20MHz / DFT-S OFDM / 256Q

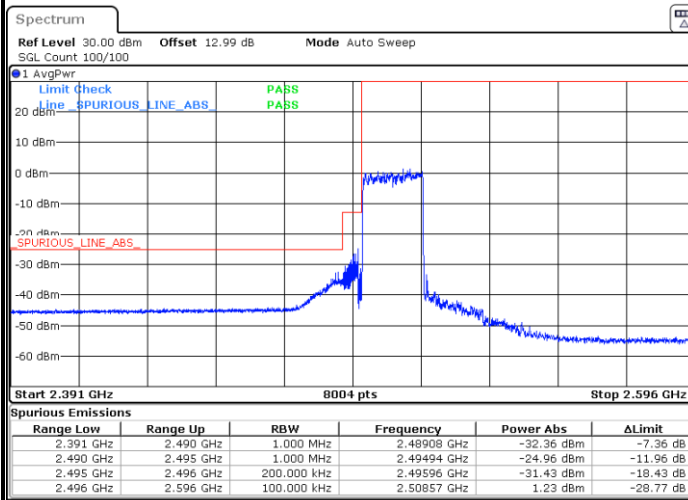
Lowest Band Edge / 1RB0



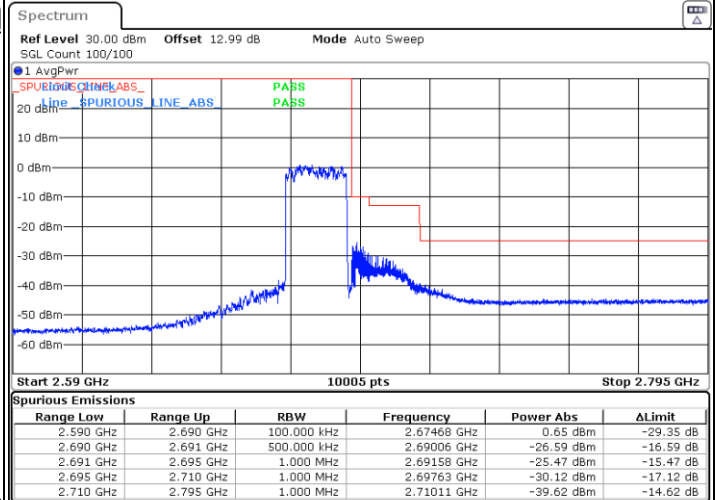
Highest Band Edge / 1RBmax



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

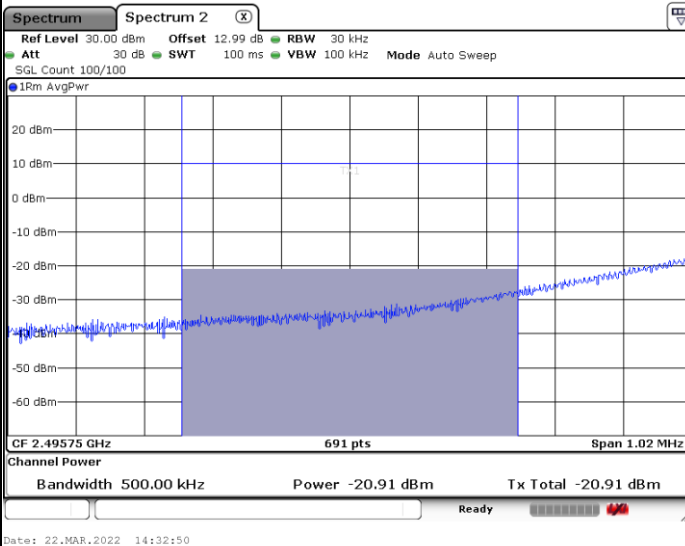
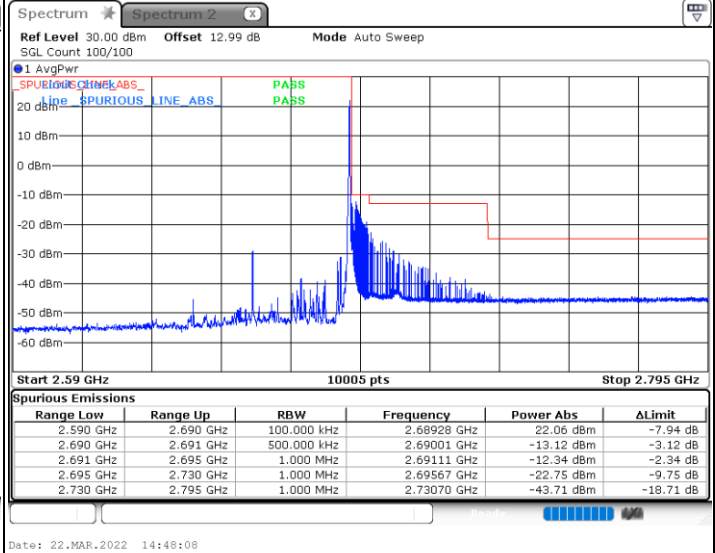
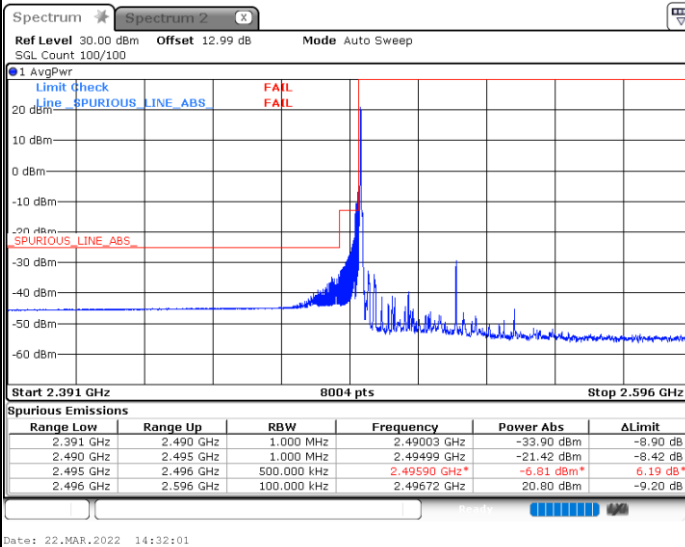




FR1 n41 / 30MHz / DFT-S OFDM / PI/2 BPSK

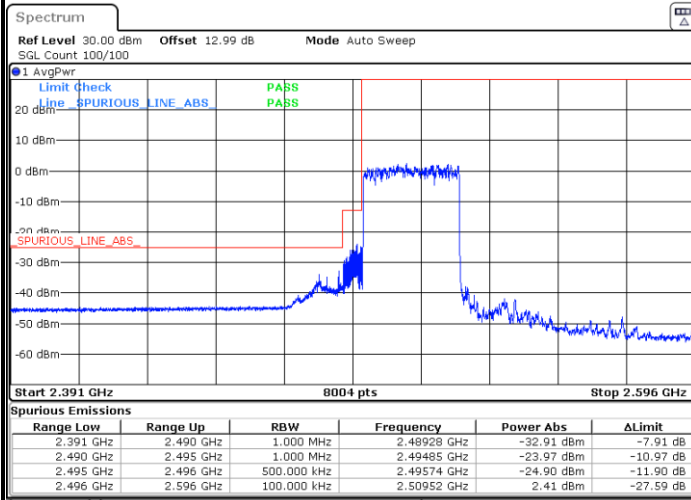
Lowest Band Edge / 1RB0

Highest Band Edge / 1RBmax



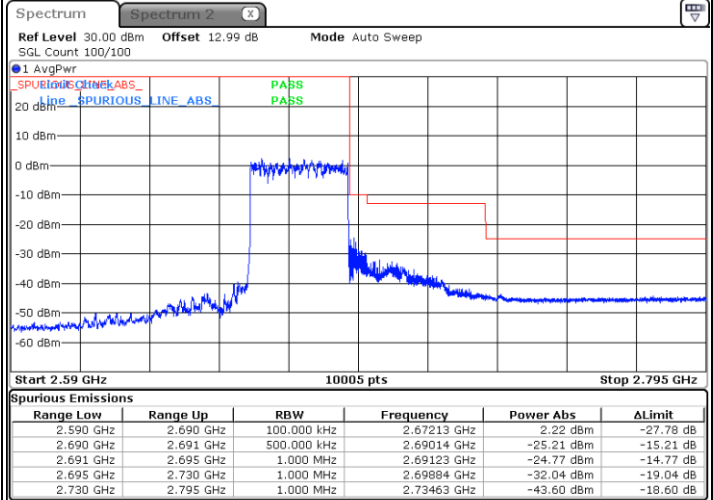


Lowest Band Edge / Full RB



Date: 22.MAR.2022 14:18:28

Highest Band Edge / Full RB



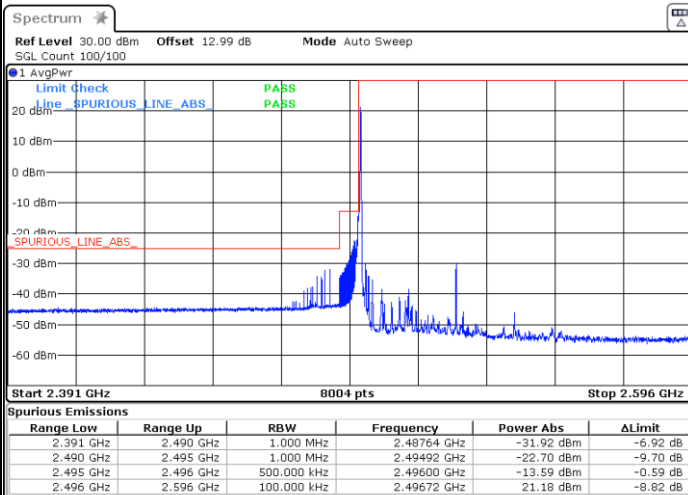
Date: 22.MAR.2022 14:41:52



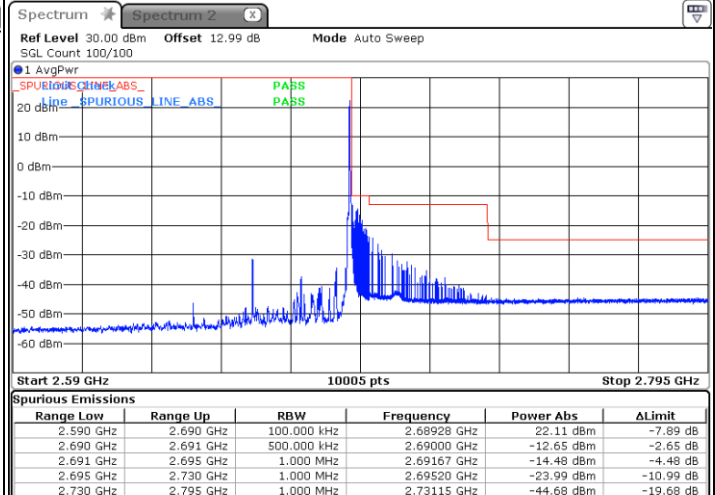
FR1 n41 / 30MHz / DFT-S OFDM / QPSK

Lowest Band Edge / 1RB0

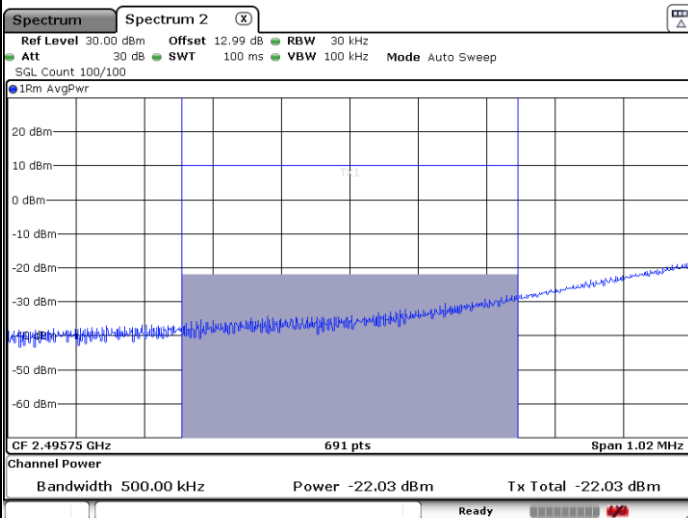
Highest Band Edge / 1RBmax



Date: 22.MAR.2022 14:27:19



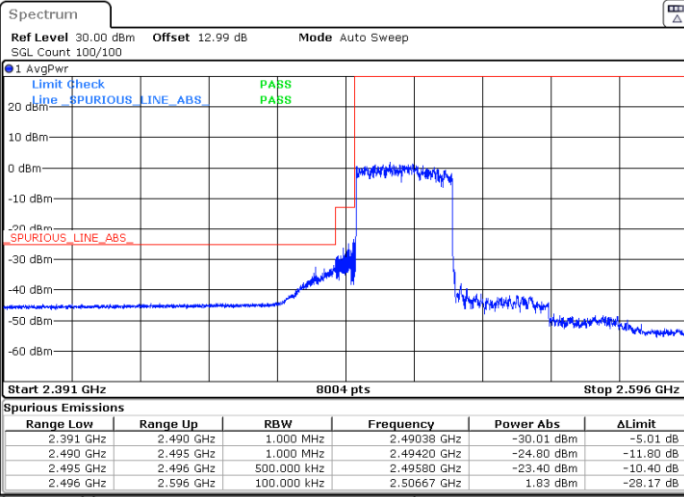
Date: 22.MAR.2022 14:46:37



Date: 22.MAR.2022 14:30:11

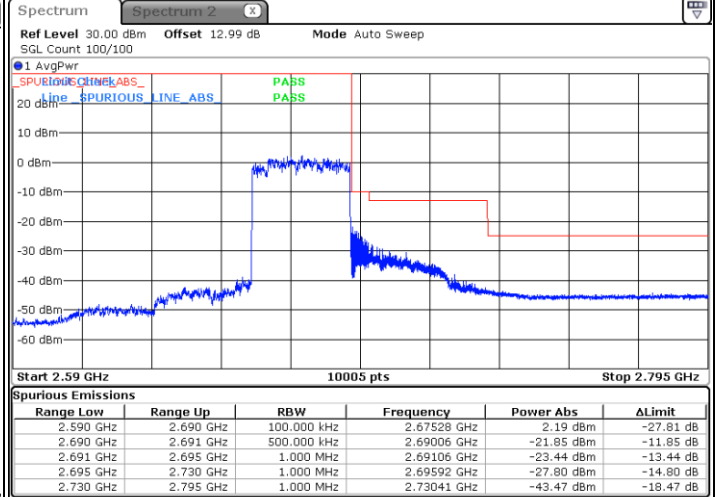


Lowest Band Edge / Full RB



Date: 22.MAR.2022 14:18:46

Highest Band Edge / Full RB



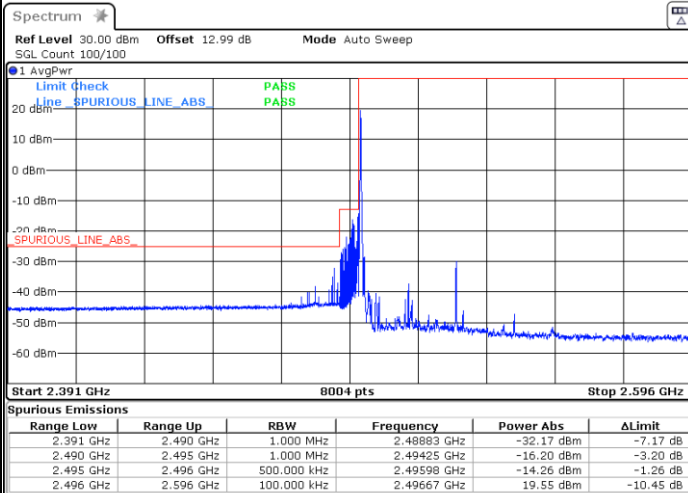
Date: 22.MAR.2022 14:43:17



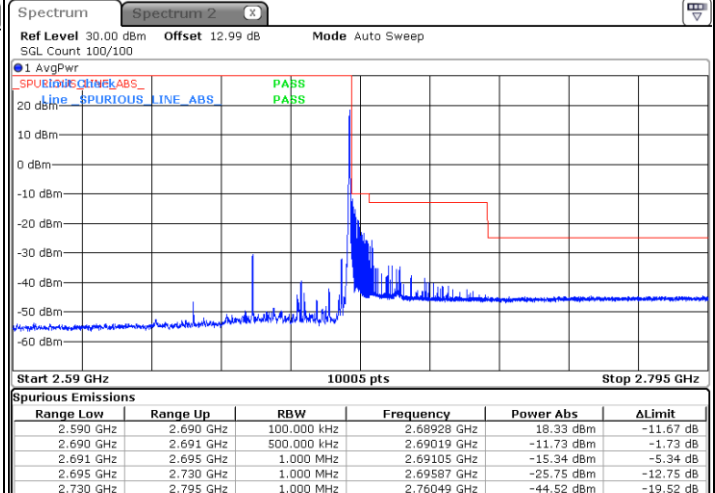
FR1 n41 / 30MHz / DFT-S OFDM / 16Q

Lowest Band Edge / 1RB0

Highest Band Edge / 1RBmax



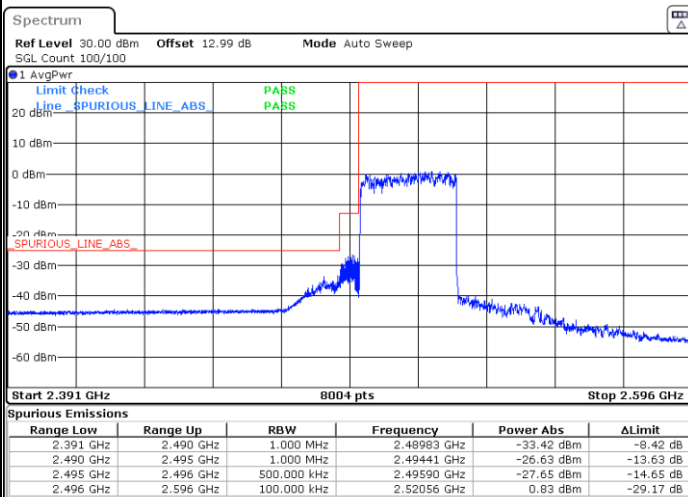
Date: 22.MAR.2022 14:22:36



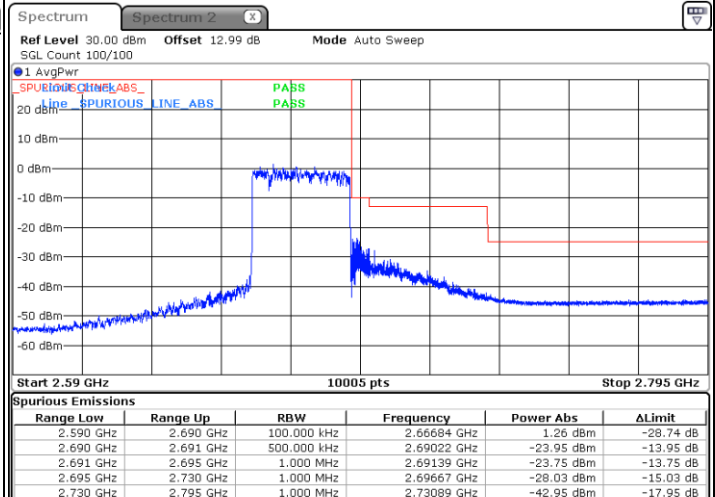
Date: 22.MAR.2022 14:45:57

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 22.MAR.2022 14:19:04



Date: 22.MAR.2022 14:43:35