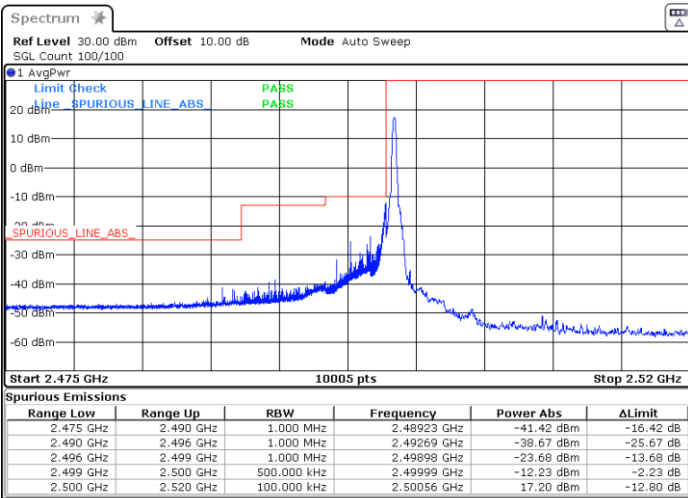




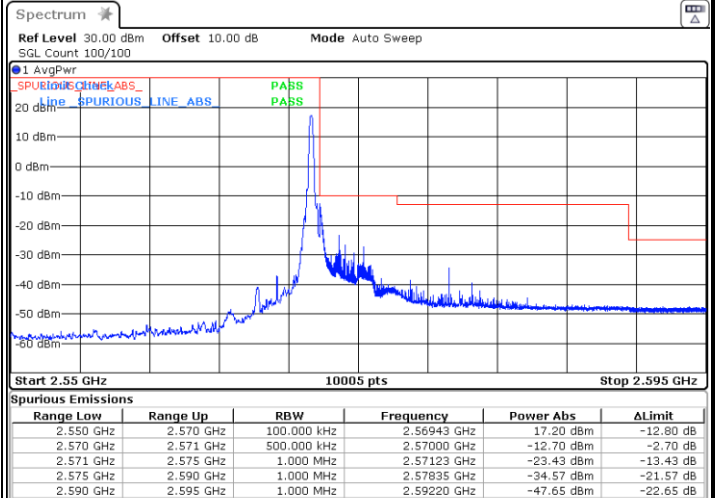
FR1 n7 / 20MHz / DFT-s-OFDM / PI/2 64QAM

Lowest Band Edge / 1RB0

Highest Band Edge / 1RBMAX



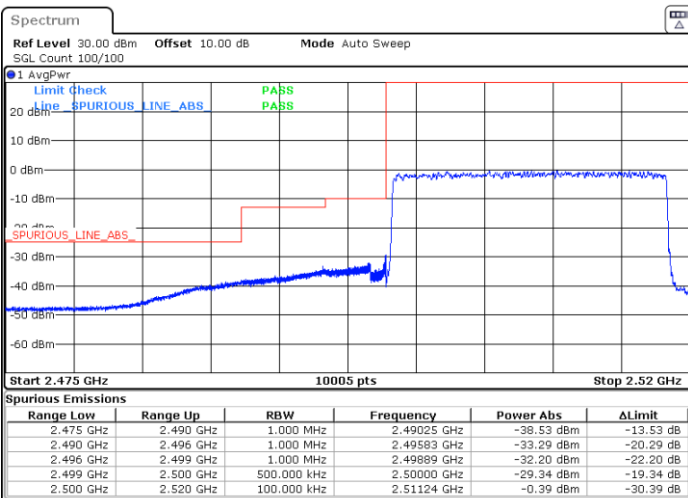
Date: 2.APR.2021 04:13:25



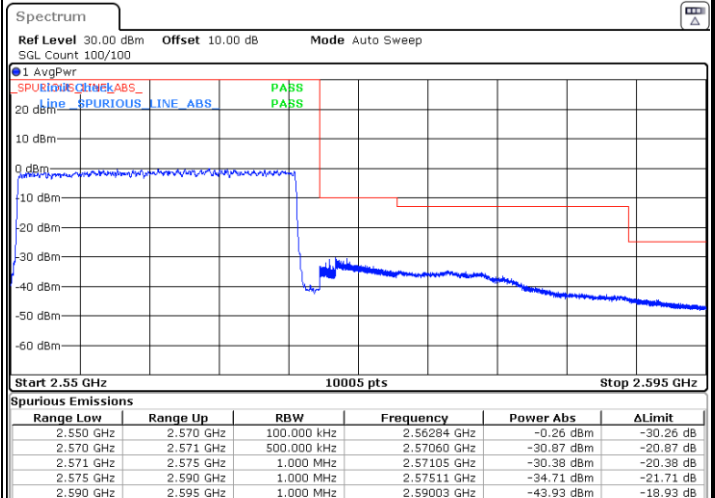
Date: 2.APR.2021 04:38:34

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 2.APR.2021 04:09:14



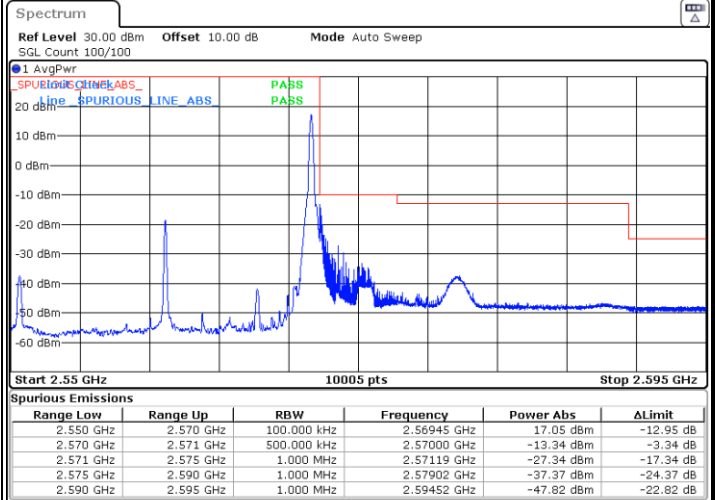
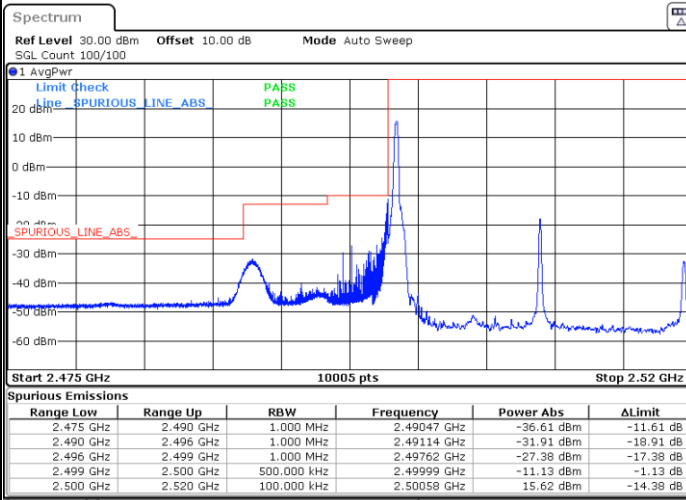
Date: 2.APR.2021 04:32:26



FR1 n7 / 20MHz / DFT-s-OFDM / PI/2 256QAM

Lowest Band Edge / 1RB0

Highest Band Edge / 1RBMAX

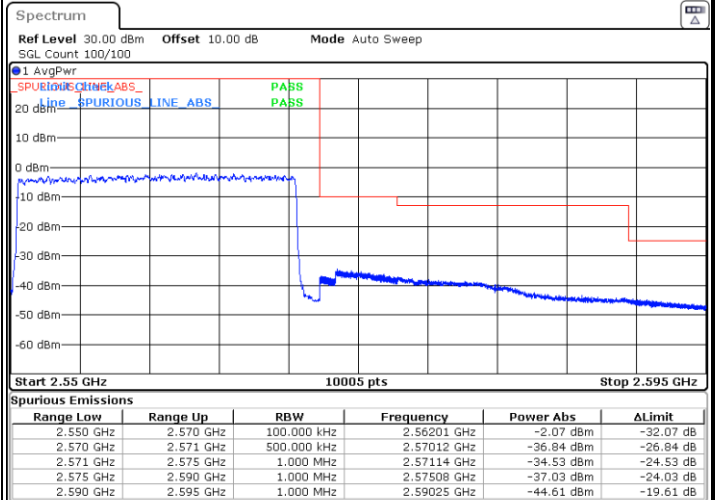
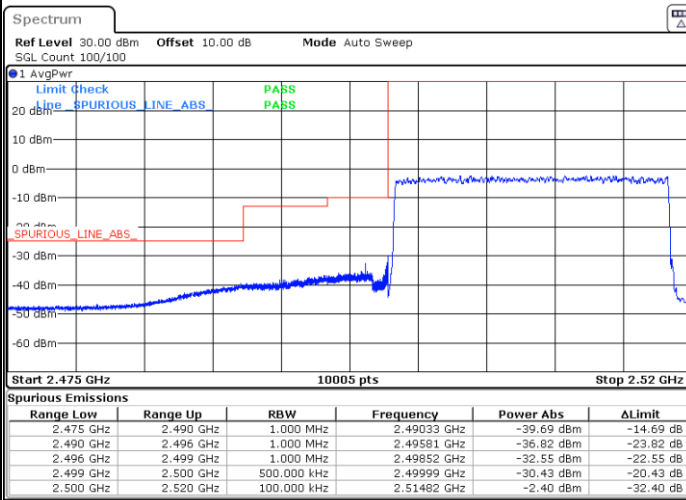


Date: 2.APR.2021 04:11:58

Date: 2.APR.2021 04:39:28

Lowest Band Edge / Full RB

Highest Band Edge / Full RB

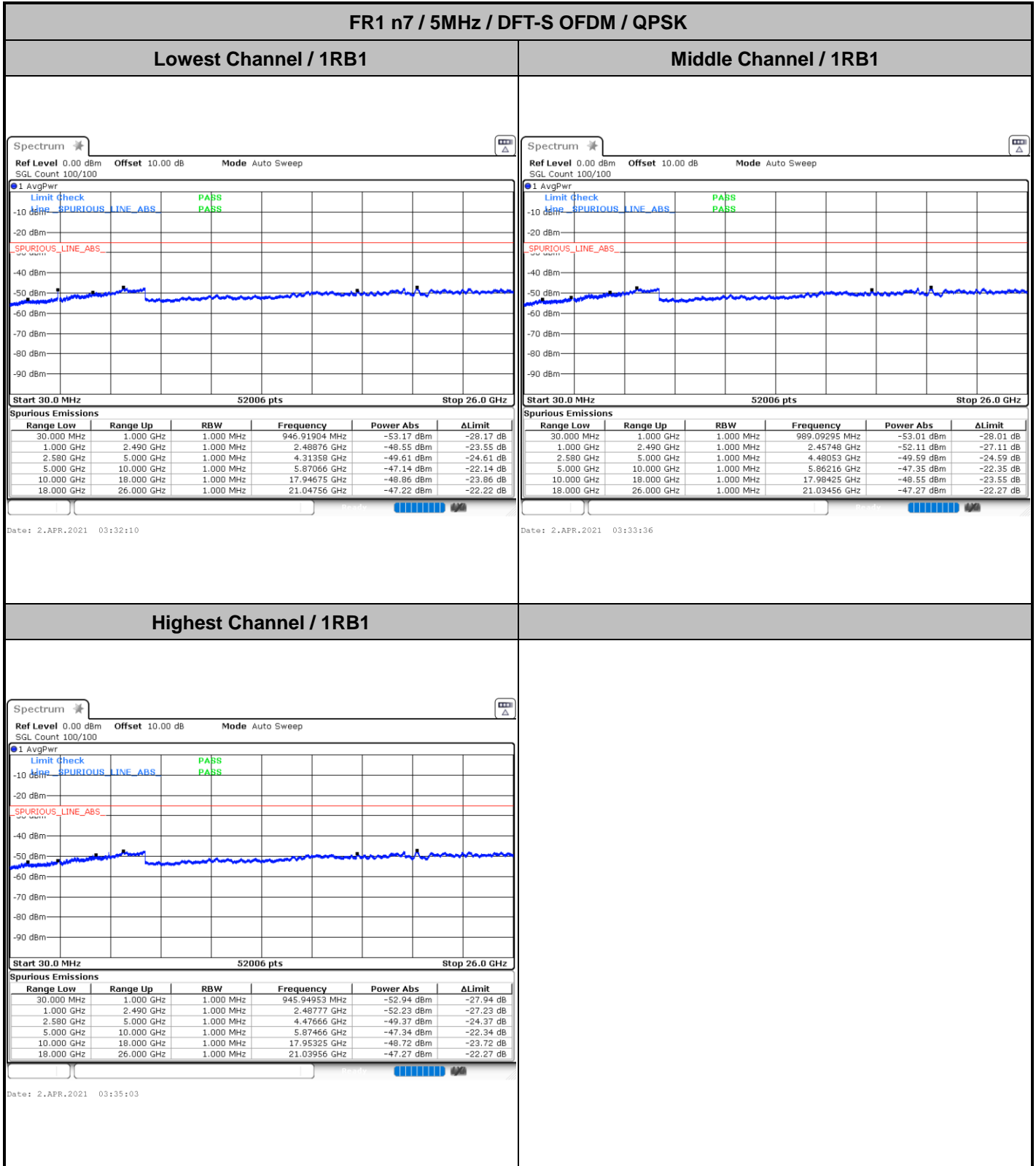


Date: 2.APR.2021 04:11:04

Date: 2.APR.2021 04:32:41



Conducted Spurious Emission

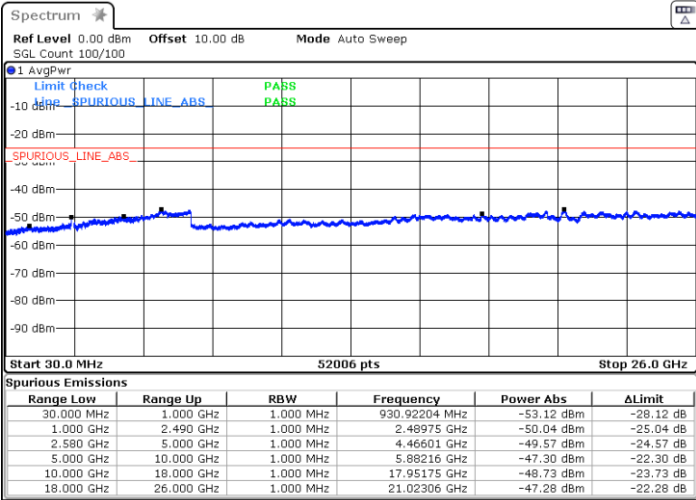




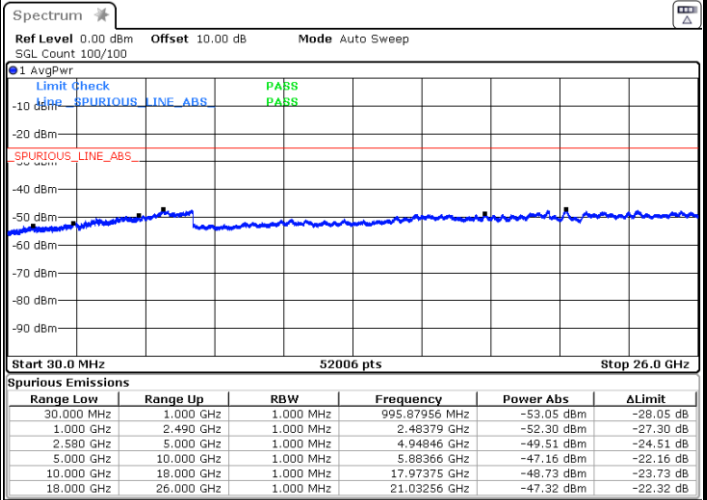
FR1 n7 / 10MHz / DFT-S OFDM / QPSK

Lowest Channel / 1RB1

Middle Channel / 1RB1

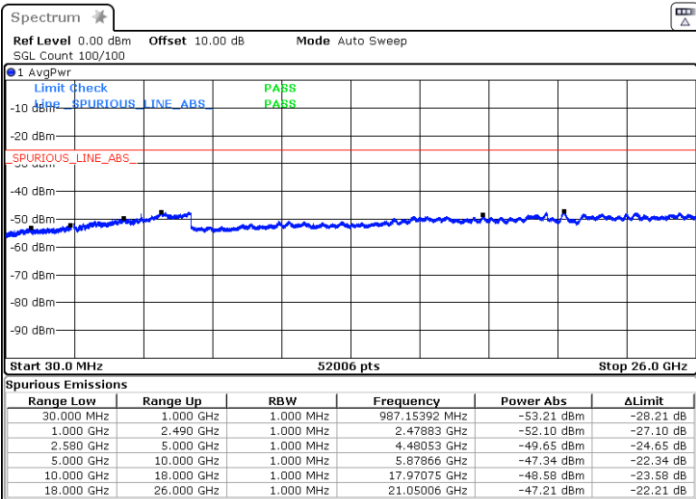


Date: 2.APR.2021 03:46:15



Date: 2.APR.2021 03:47:39

Highest Channel / 1RB1



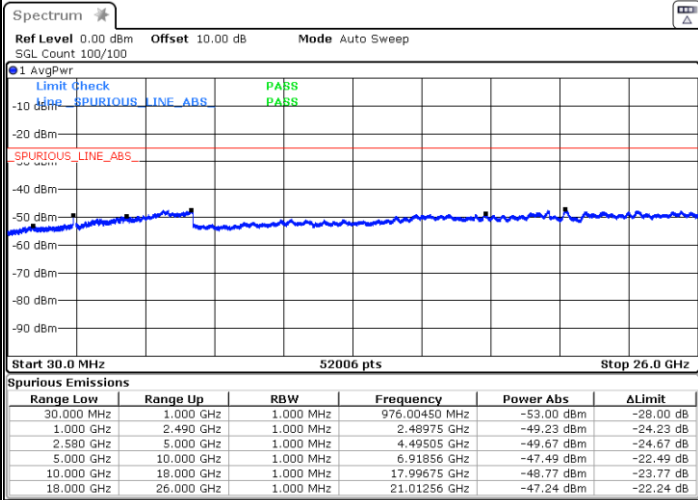
Date: 2.APR.2021 03:49:07



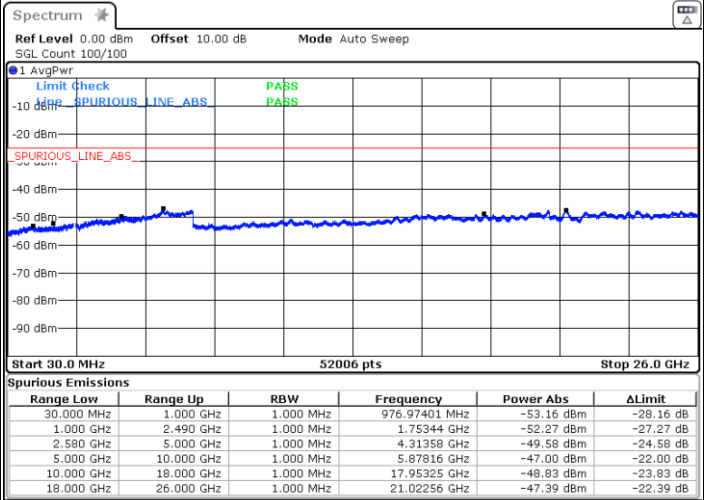
FR1 n7 / 15MHz / DFT-S OFDM / QPSK

Lowest Channel / 1RB1

Middle Channel / 1RB1

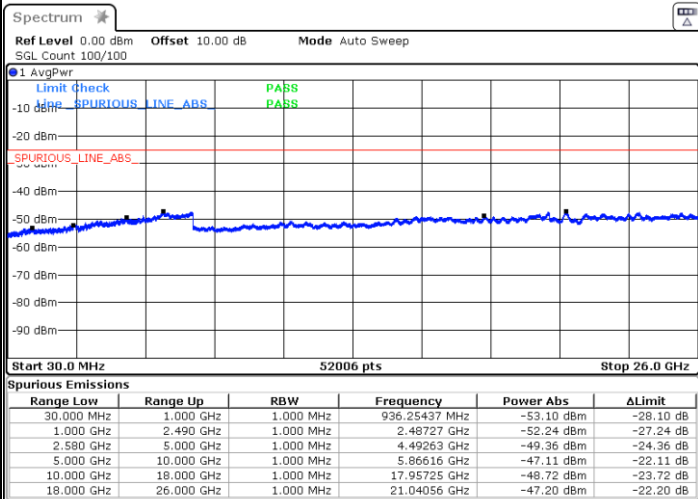


Date: 2.APR.2021 04:00:01



Date: 2.APR.2021 04:01:19

Highest Channel / 1RB1



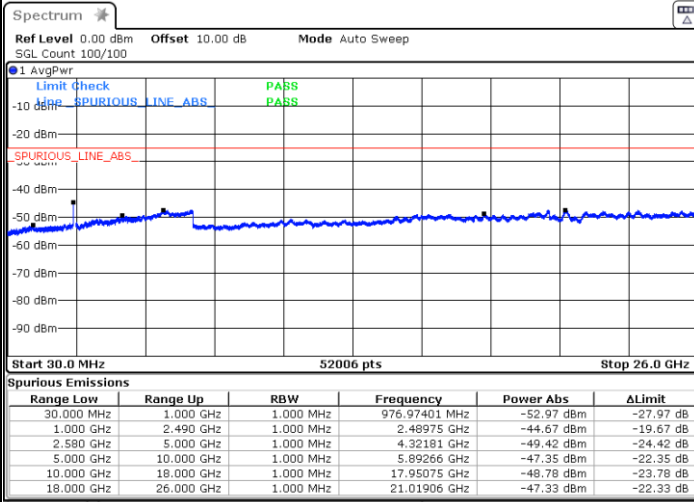
Date: 2.APR.2021 04:02:42



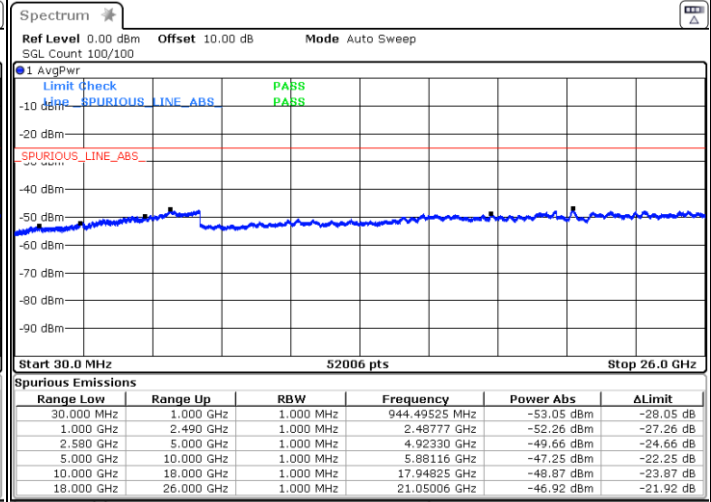
FR1 n7 / 20MHz / DFT-S OFDM / QPSK

Lowest Channel / 1RB1

Middle Channel / 1RB1

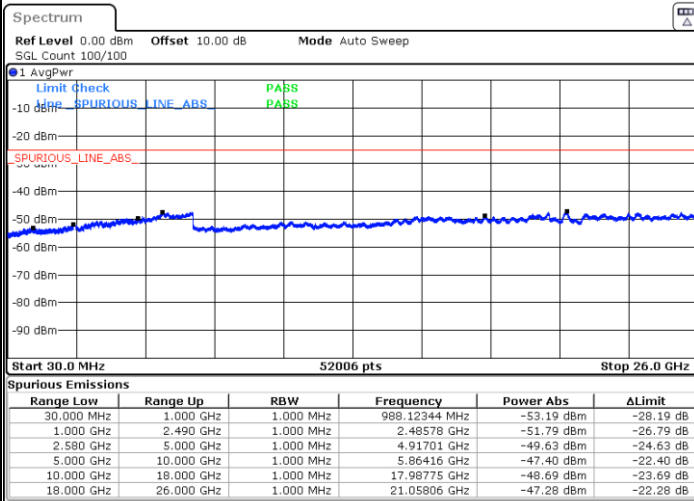


Date: 2.APR.2021 04:21:09



Date: 2.APR.2021 04:27:09

Highest Channel / 1RB1



Date: 2.APR.2021 04:40:34



Frequency Stability

Test Conditions		FR1 n7 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 20MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0008	PASS
40	Normal Voltage	0.0006	
30	Normal Voltage	0.0003	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0012	
0	Normal Voltage	0.0015	
-10	Normal Voltage	0.0006	
-20	Normal Voltage	0.0008	
-30	Normal Voltage	0.0021	
20	Maximum Voltage	0.0011	
20	Normal Voltage	0.0012	
20	Battery End Point	0.0023	

Note:

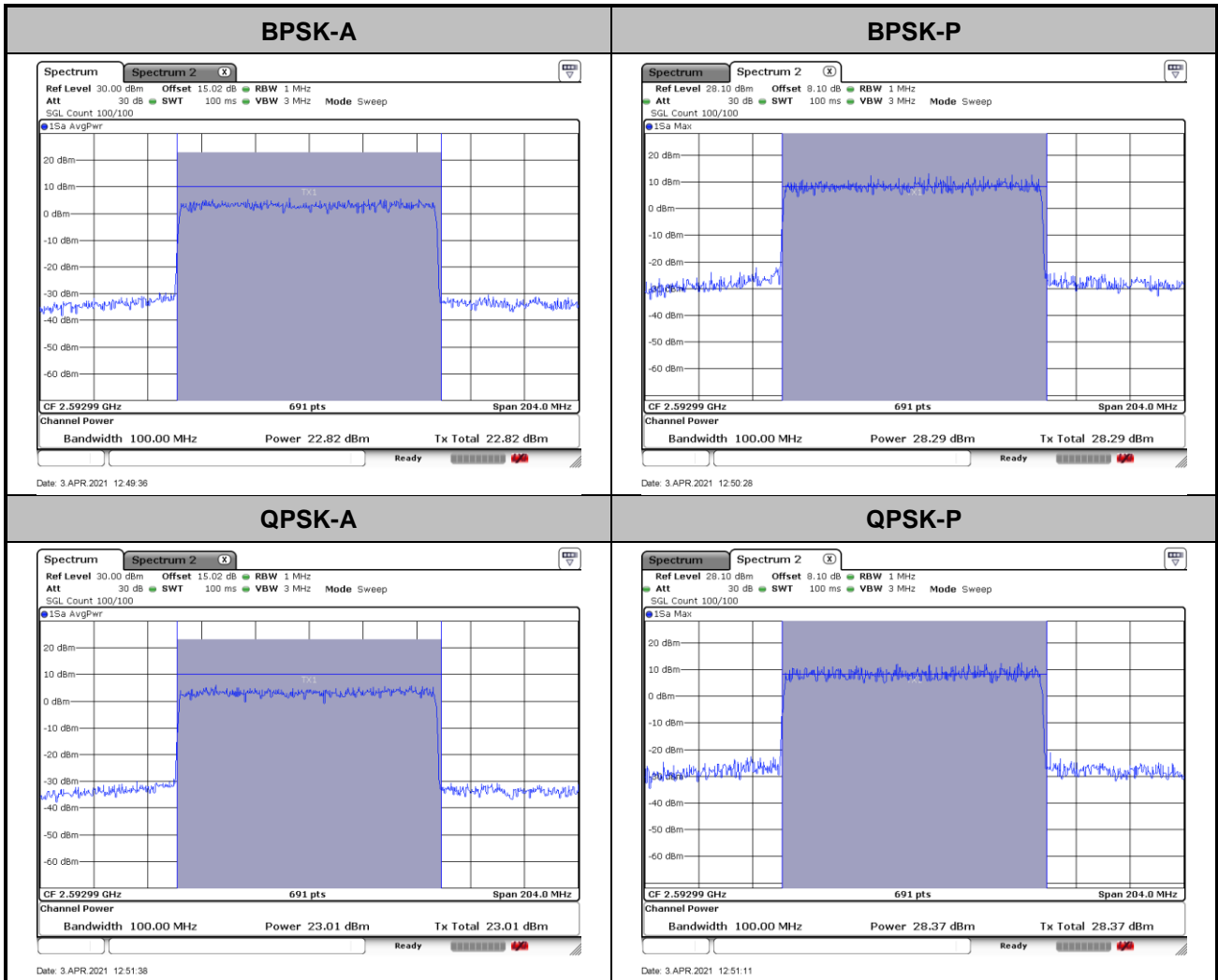
1. Normal Voltage =3.85 V. ; Battery End Point (BEP) =3.4 V. ; Maximum Voltage =4.3 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.

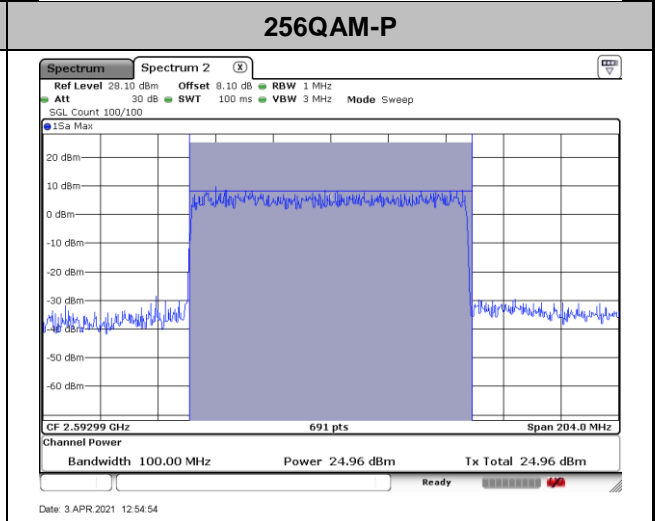
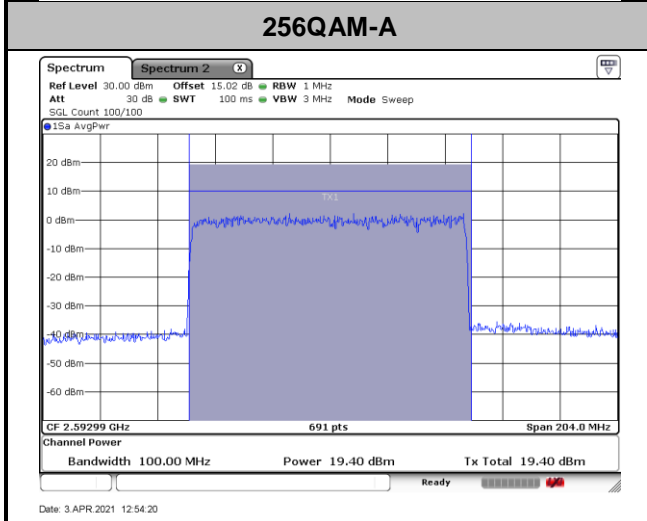
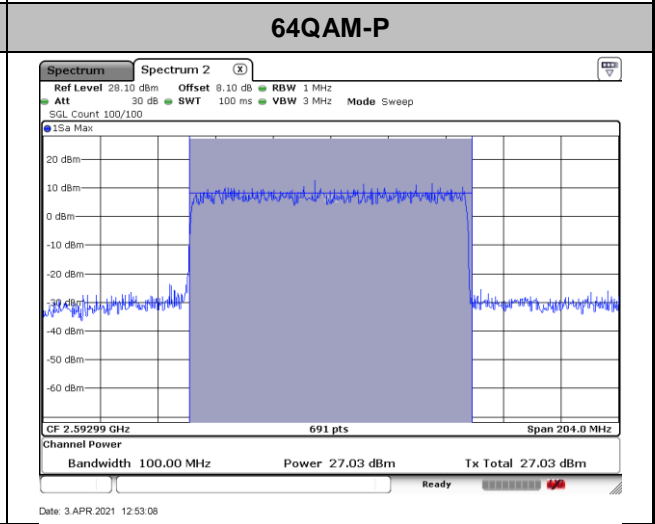
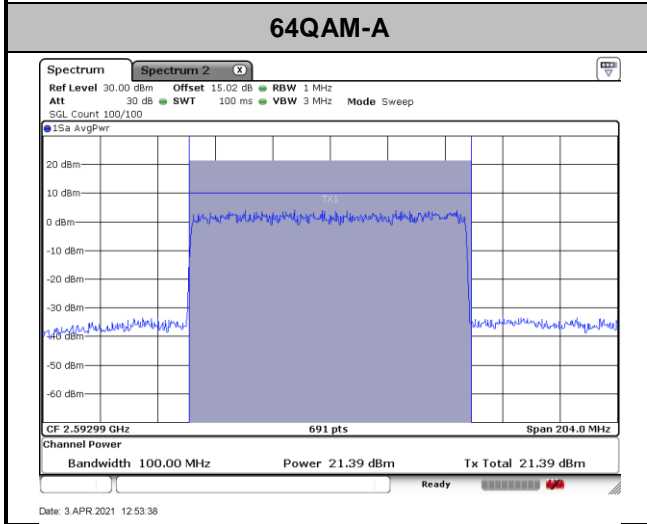
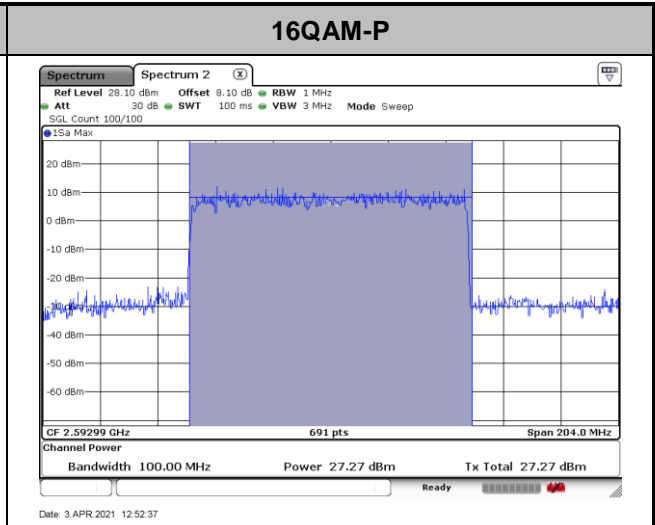
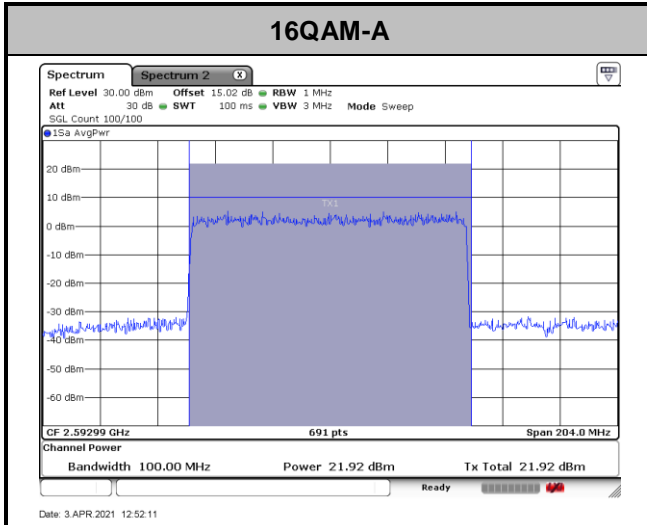


5G NR n41 SA

Peak-to-Average Ratio

Mode	FR1 n41 / 20MHz / DFT-S OFDM				Limit: 13dB
Mod.	100M				
RB Size	BPSK	QPSK	16QAM	64QAM	Result
Middle CH	5.47	5.36	5.98	5.64	PASS
RB Size	256QAM				
Middle CH	5.56				

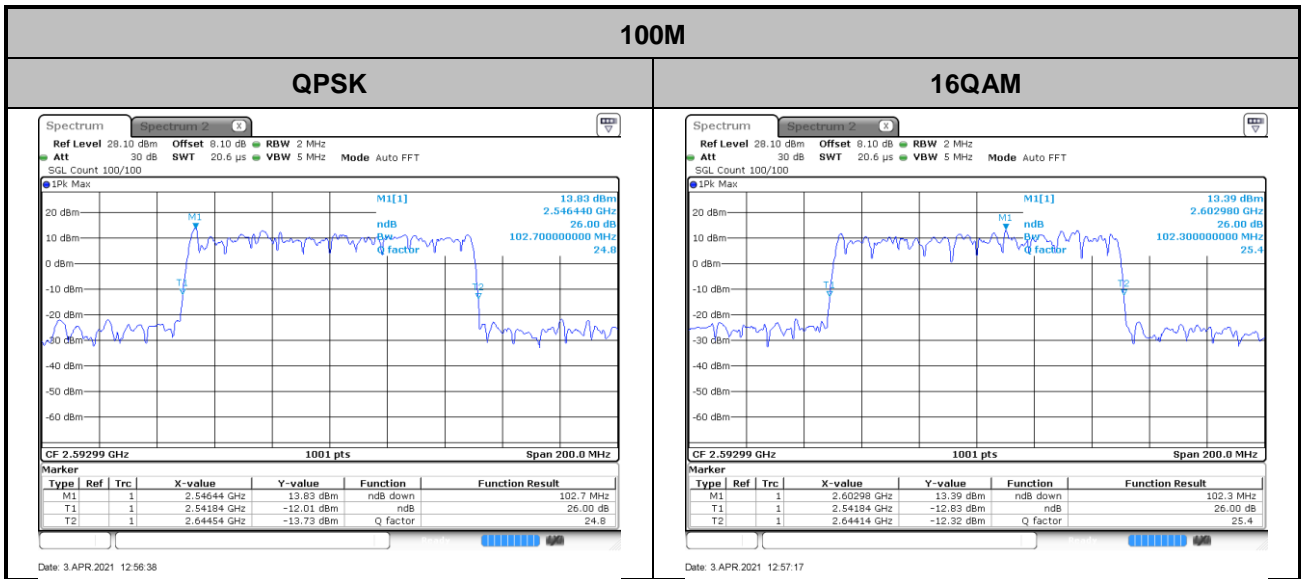






26dB Bandwidth

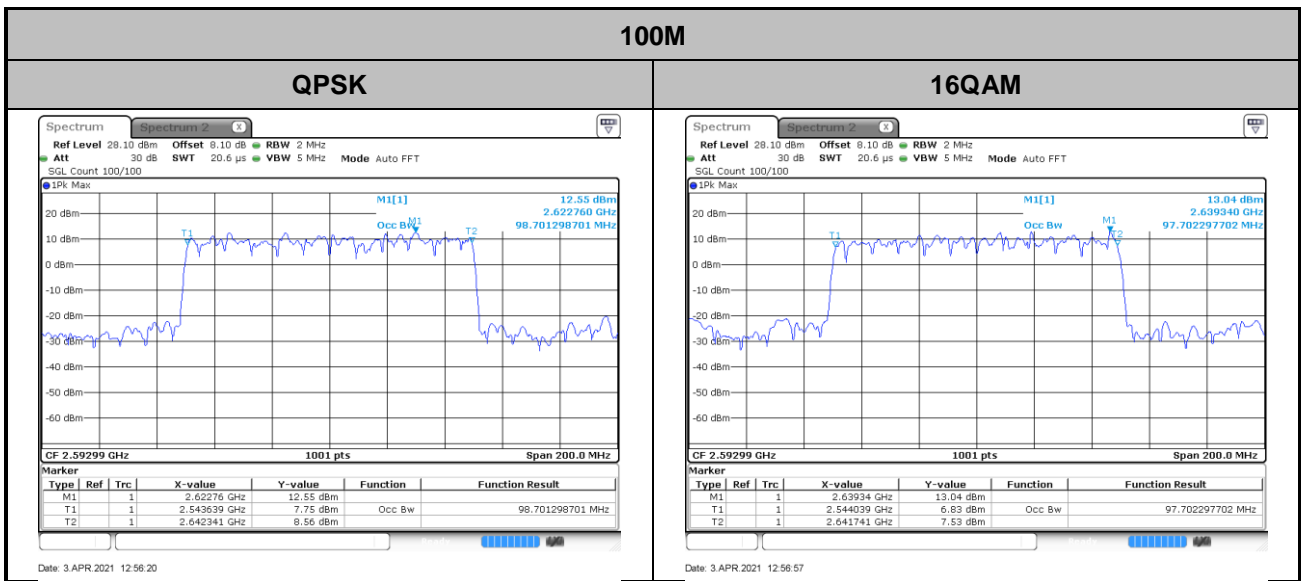
Mode	FR1 n41 : 26dB BW(MHz) / DFT-S OFDM	
BW	100M	
Mod.	QPSK	16QAM
Middle CH	102.7	102.3





Occupied Bandwidth

Mode	FR1 n41 : OB BW(MHz) / DFT-S OFDM		
BW	100M		40M
Mod.	QPSK	16QAM	
Middle CH	98.70	97.70	



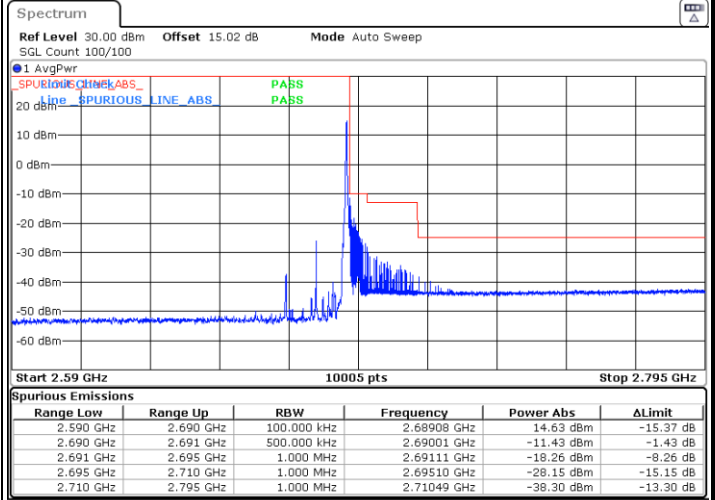
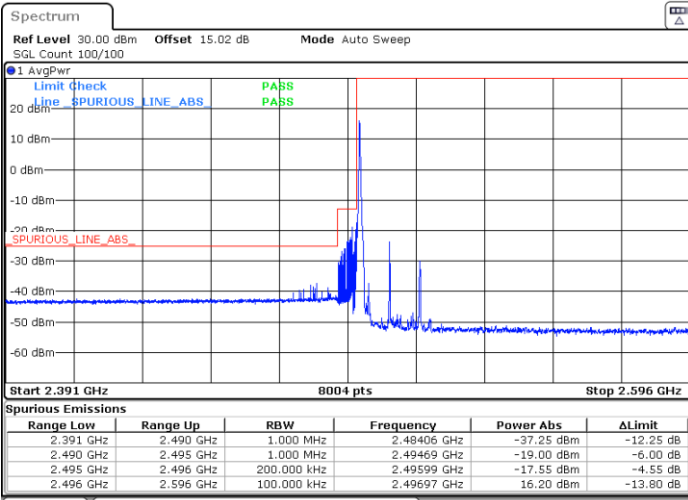


Conducted Band Edge

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

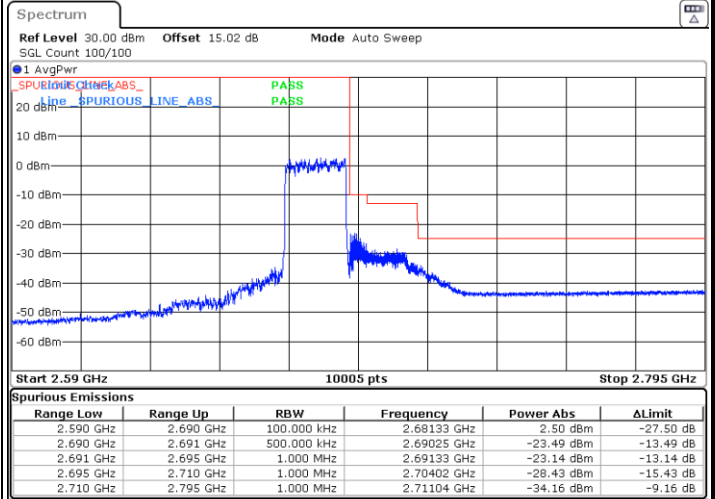
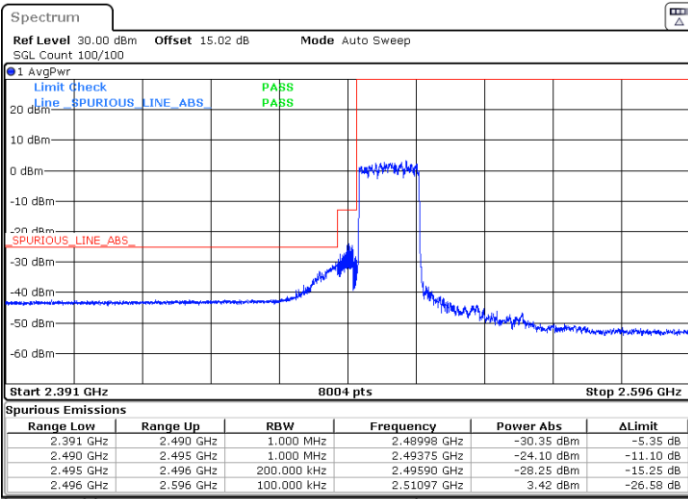
Lowest Band Edge / 1RB0

Highest Band Edge / 1RBmax



Lowest Band Edge / Full RB

Highest Band Edge / Full RB

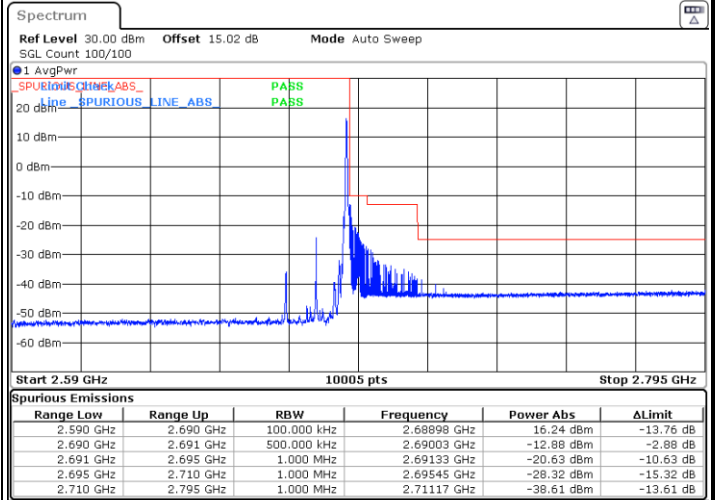
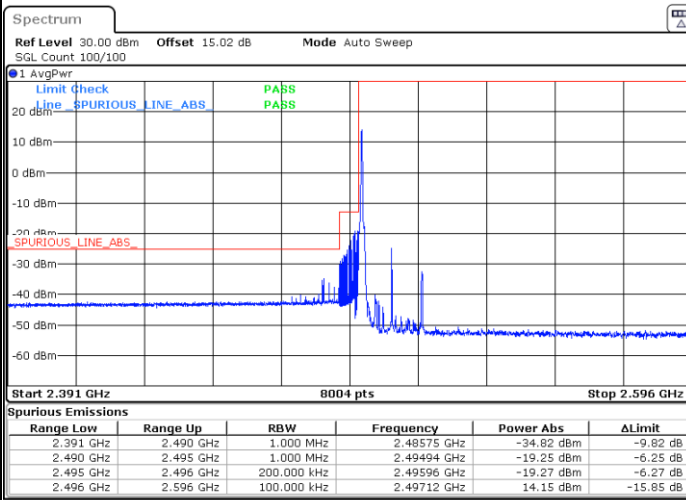




FR1 n41 / 20MHz / DFT-S OFDM / QPSK

Lowest Band Edge / 1RB0

Highest Band Edge / 1RBmax

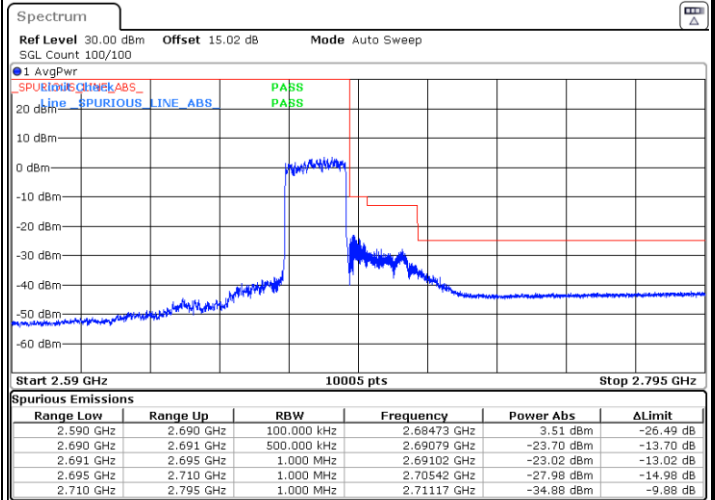
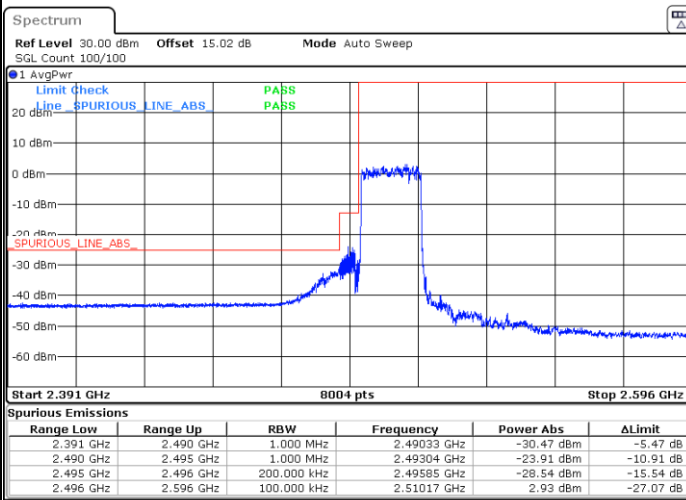


Date: 2.APR.2021 11:50:32

Date: 2.APR.2021 11:57:13

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 2.APR.2021 11:52:43

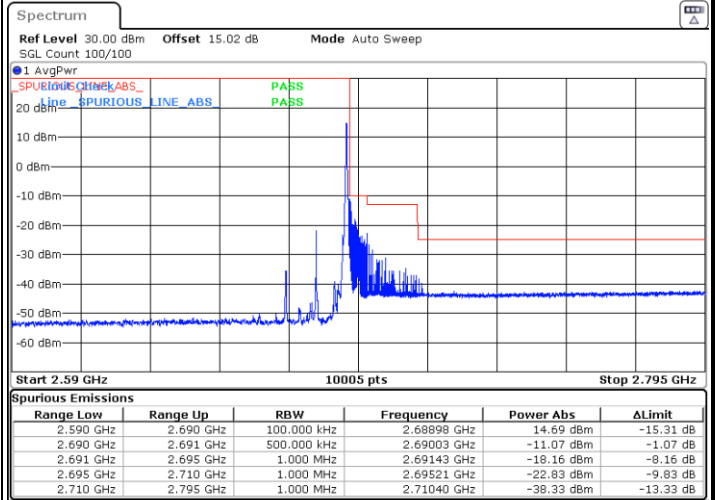
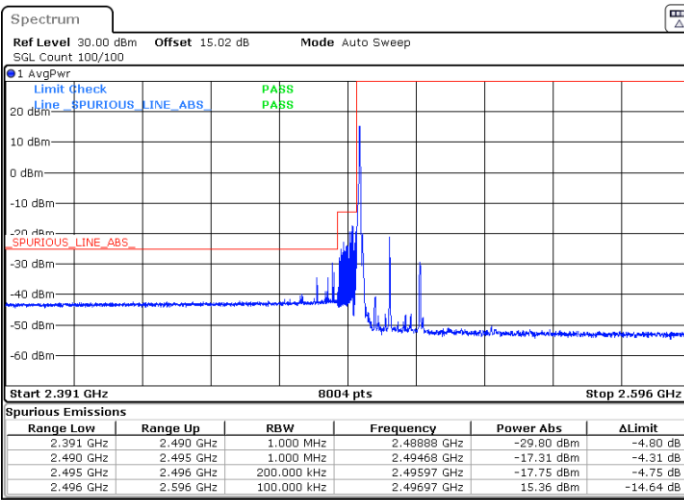
Date: 2.APR.2021 11:58:32



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

Lowest Band Edge / 1RB0

Highest Band Edge / 1RBmax

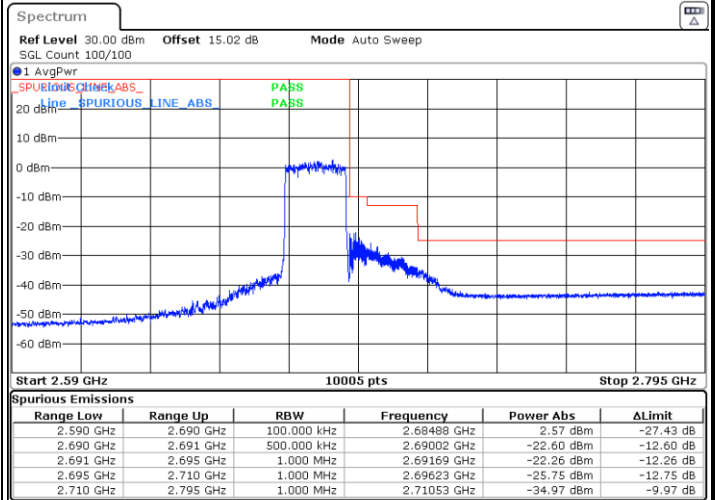
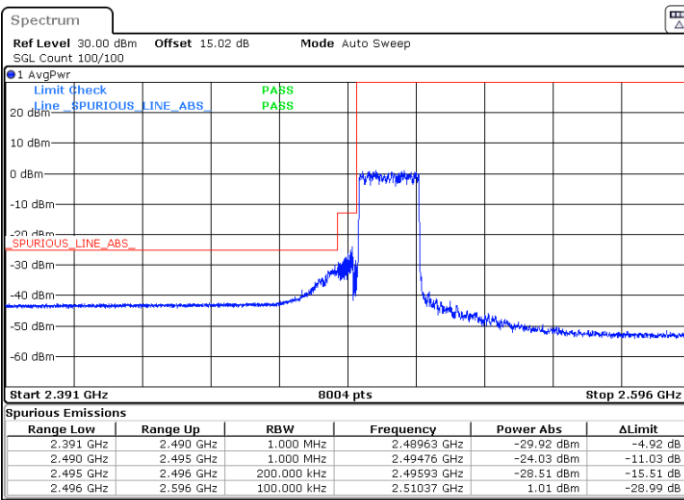


Date: 2.APR.2021 11:50:46

Date: 2.APR.2021 11:57:27

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



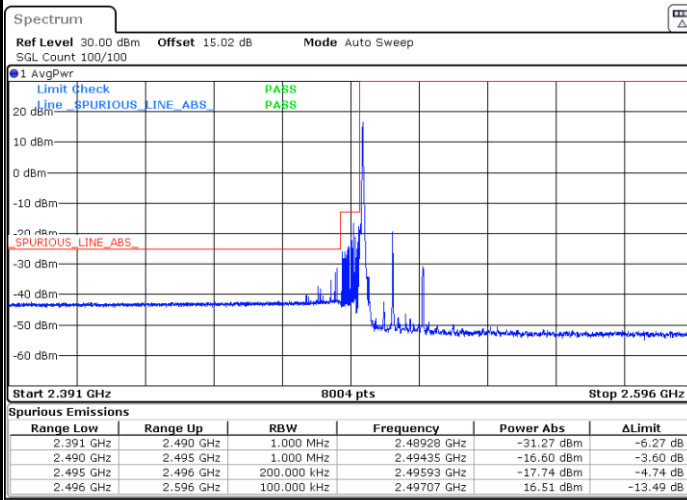
Date: 2.APR.2021 11:55:43

Date: 2.APR.2021 11:58:46



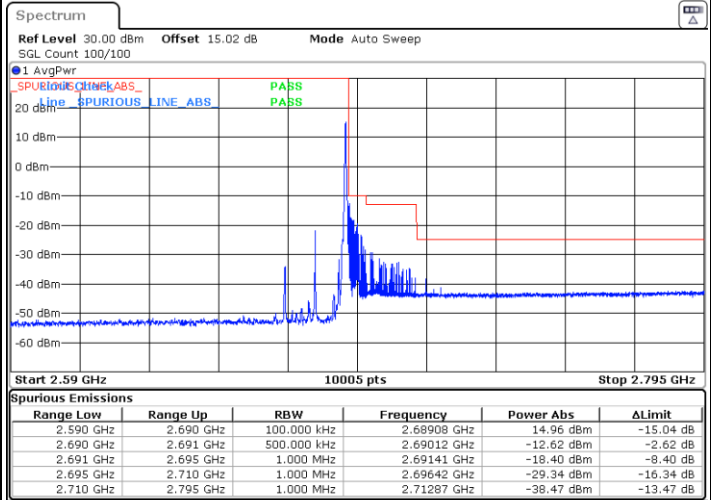
FR1 n41 / 20MHz / DFT-S OFDM / 64Q

Lowest Band Edge / 1RB0



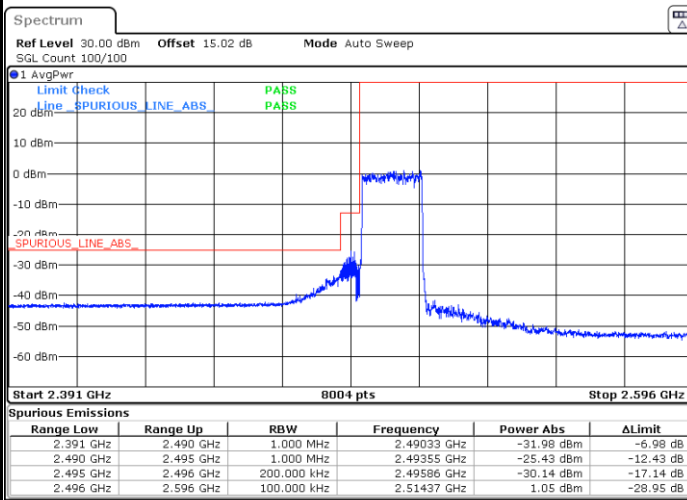
Date: 2.APR.2021 11:51:00

Highest Band Edge / 1RB24



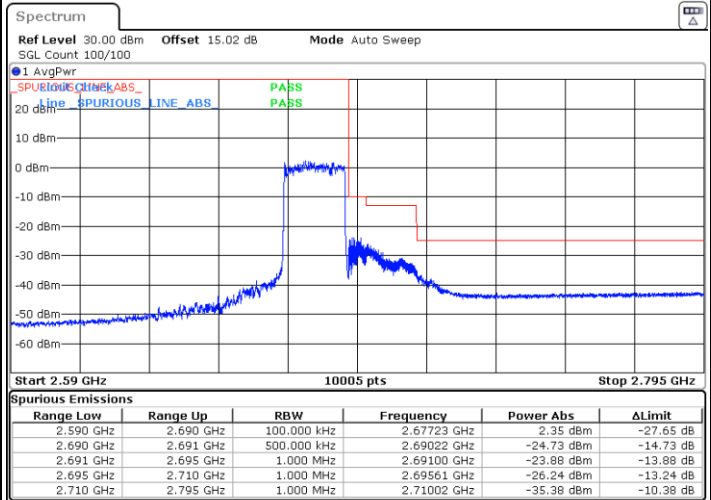
Date: 2.APR.2021 11:57:41

Lowest Band Edge / Full RB



Date: 2.APR.2021 11:55:57

Highest Band Edge / Full RB

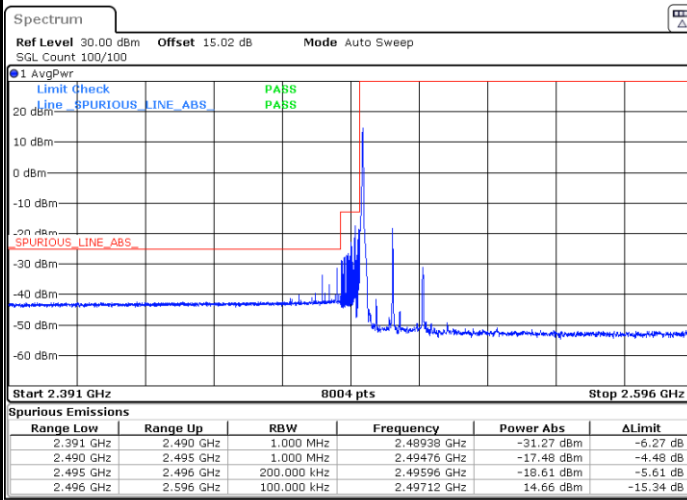


Date: 2.APR.2021 11:58:59



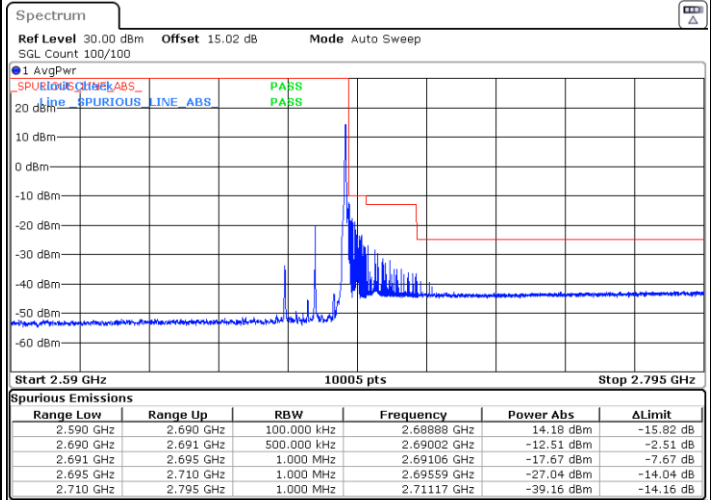
FR1 n41 / 20MHz / DFT-S OFDM / 256Q

Lowest Band Edge / 1RB0



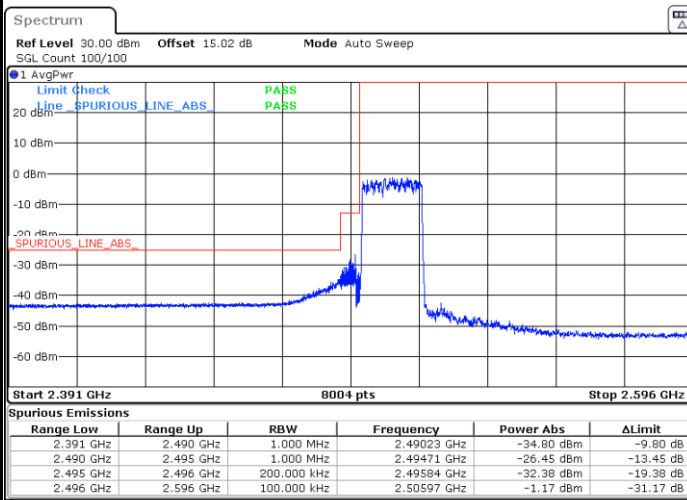
Date: 2.APR.2021 11:52:11

Highest Band Edge / 1RB24



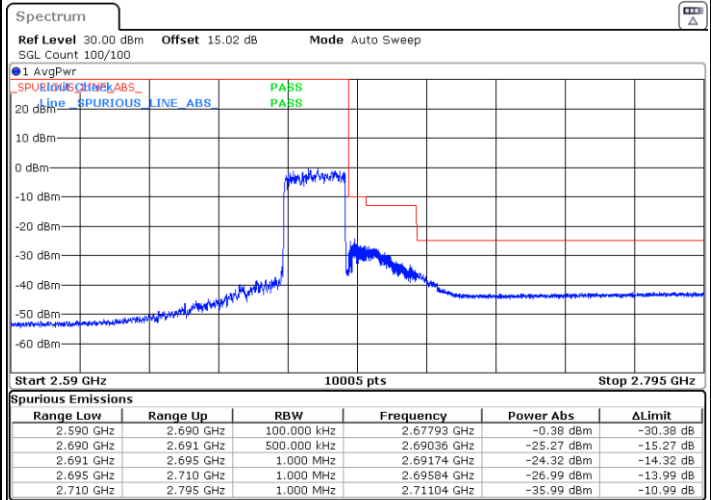
Date: 2.APR.2021 11:57:56

Lowest Band Edge / Full RB



Date: 2.APR.2021 11:56:11

Highest Band Edge / Full RB



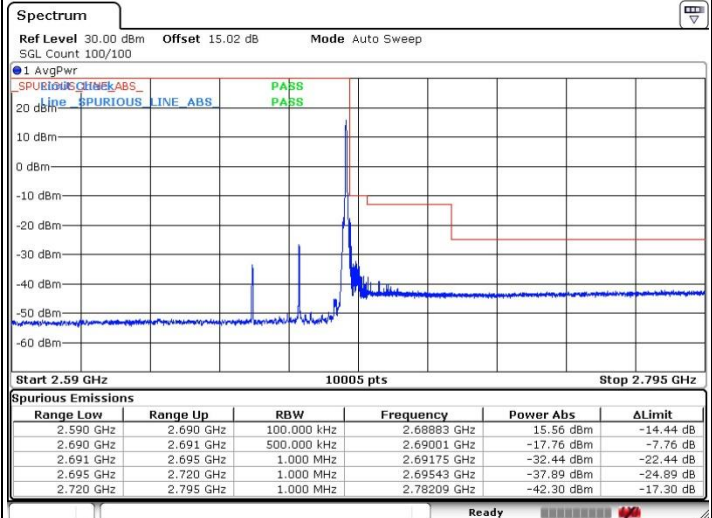
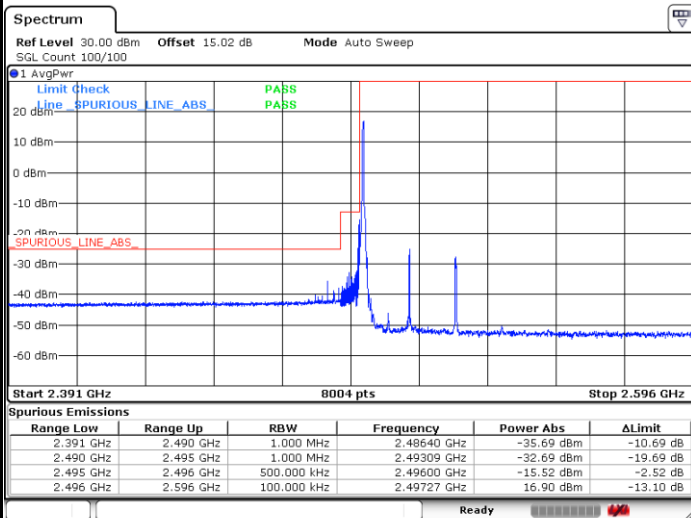
Date: 2.APR.2021 11:59:12



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

Lowest Band Edge / 1RB0

Highest Band Edge / 1RBmax

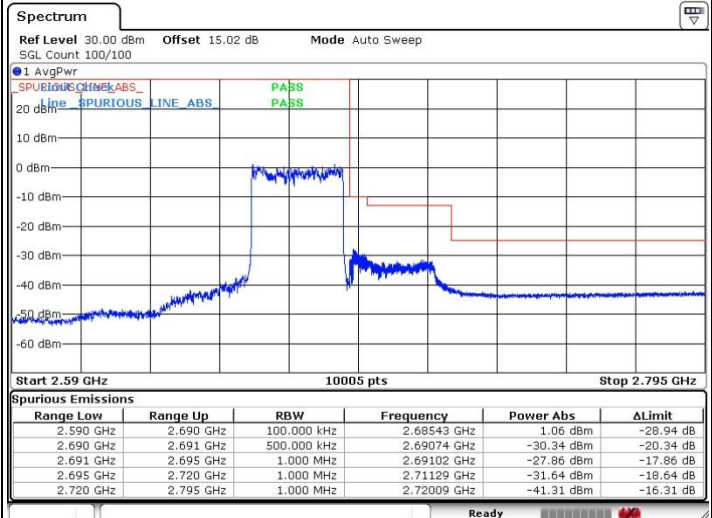
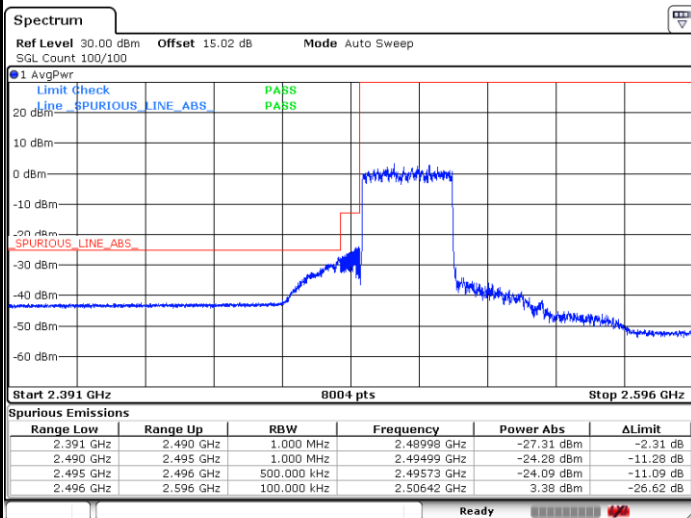


Date: 6.APR.2021 12:04:26

Date: 15.APR.2021 10:36:30

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 6.APR.2021 12:09:55

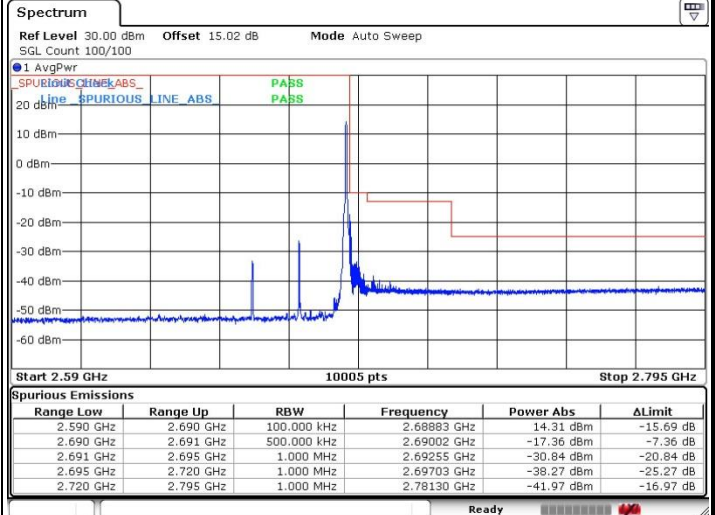
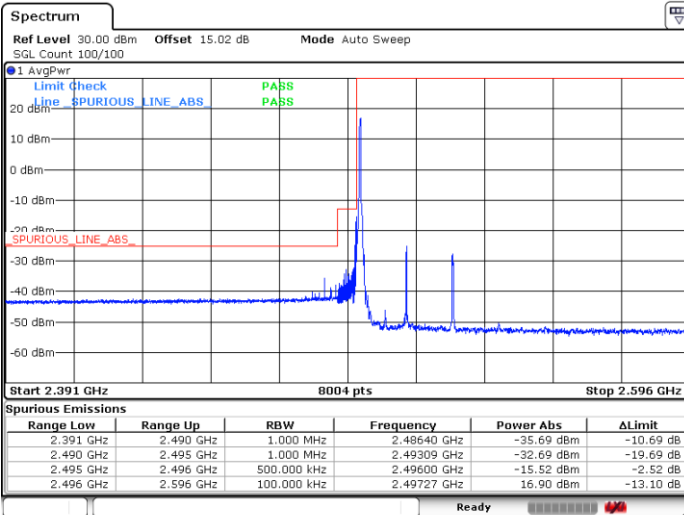
Date: 15.APR.2021 10:35:11



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

Lowest Band Edge / 1RB0

Highest Band Edge / 1RBmax

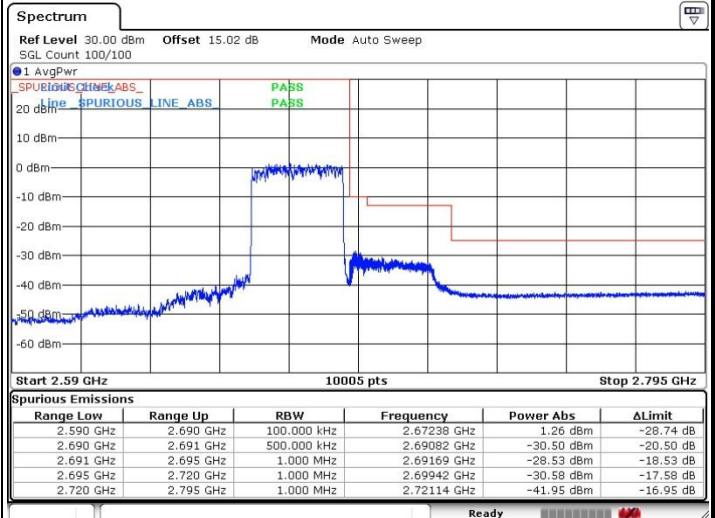
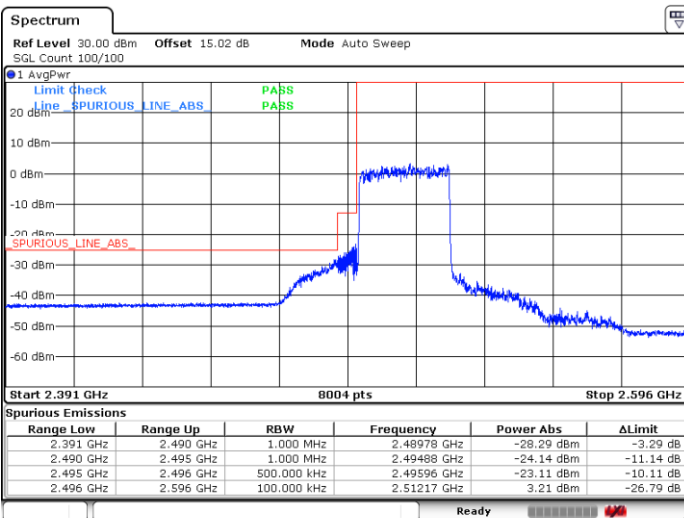


Date: 6.APR.2021 12:04:26

Date: 15.APR.2021 10:36:39

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 6.APR.2021 12:10:09

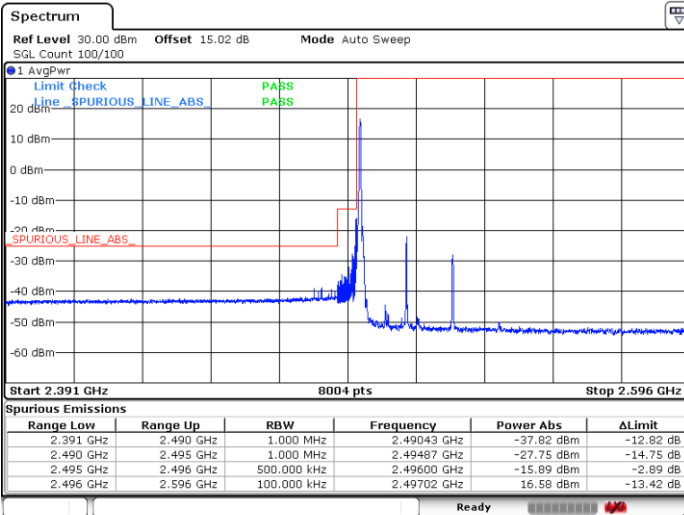
Date: 15.APR.2021 10:35:23



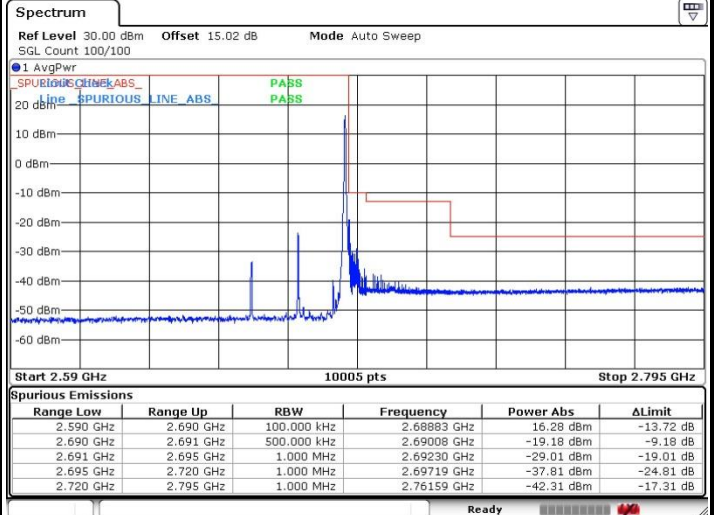
FR1 n41 / 30MHz / DFT-S OFDM / 16Q

Lowest Band Edge / 1RB0

Highest Band Edge / 1RBmax



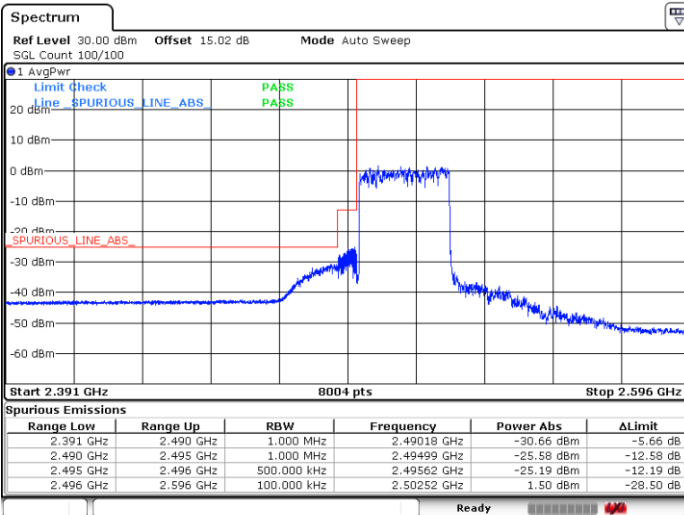
Date: 6.APR.2021 12:03:52



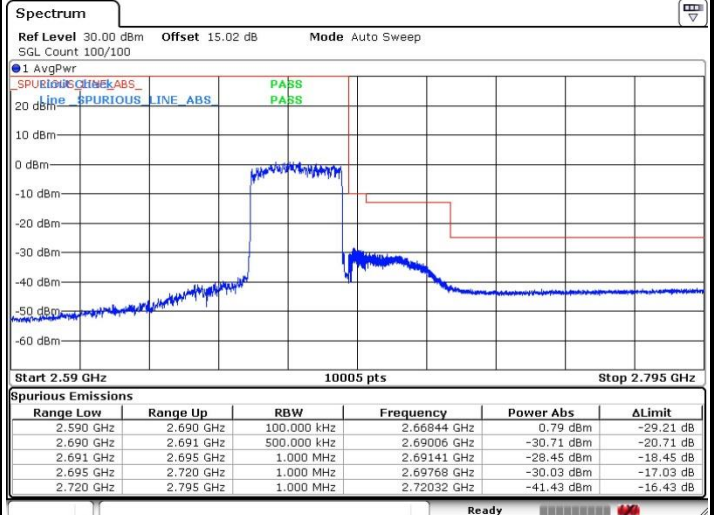
Date: 15.APR.2021 10:36:50

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 6.APR.2021 12:10:18

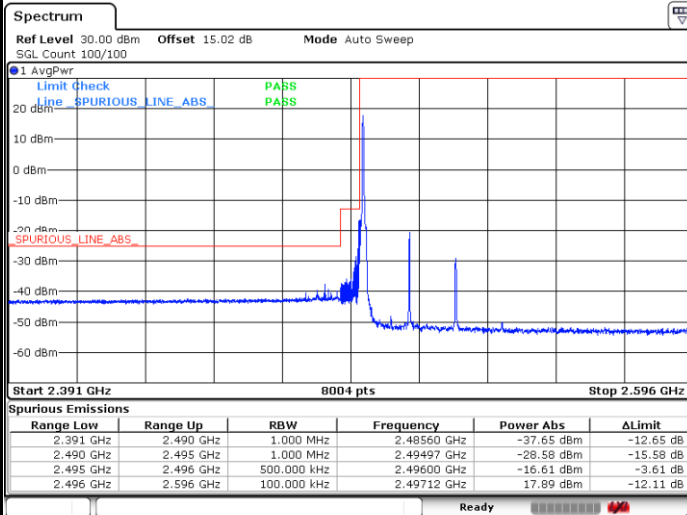


Date: 15.APR.2021 10:35:42



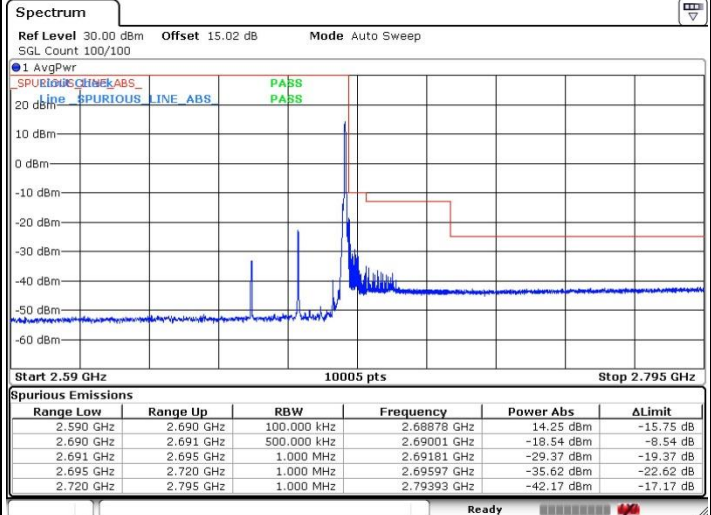
FR1 n41 / 30MHz / DFT-S OFDM / 64Q

Lowest Band Edge / 1RB0



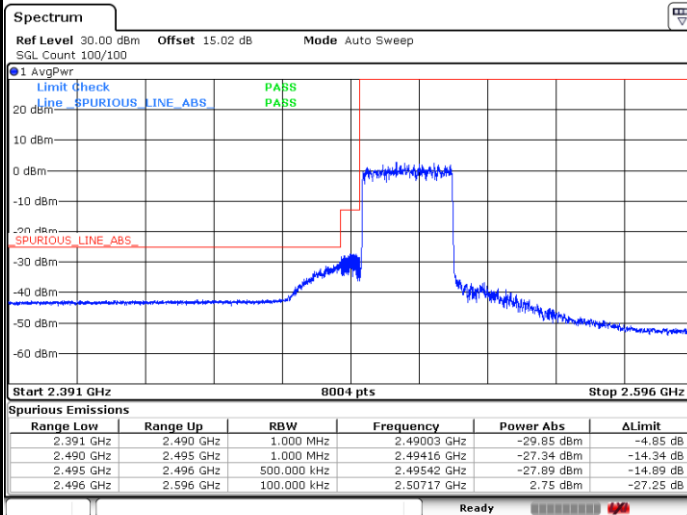
Date: 6.APR.2021 12:04:03

Highest Band Edge / 1RB24



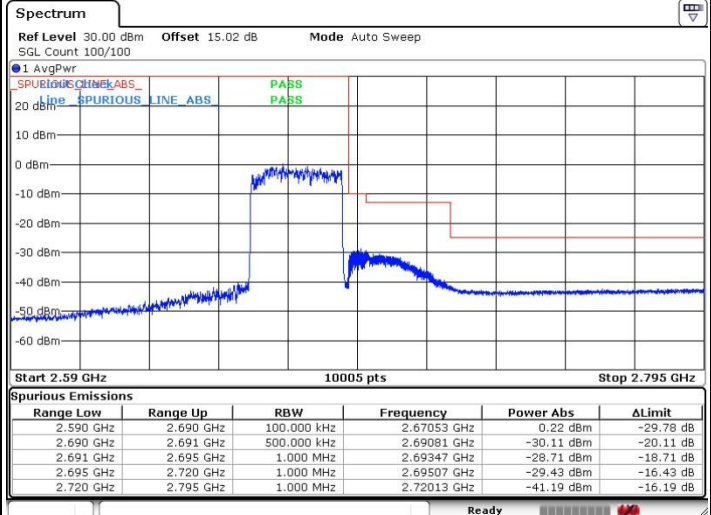
Date: 15.APR.2021 10:37:00

Lowest Band Edge / Full RB



Date: 6.APR.2021 12:10:27

Highest Band Edge / Full RB

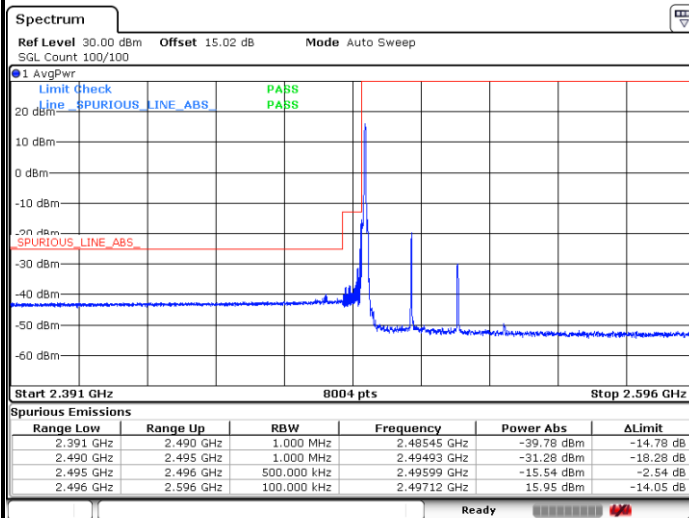


Date: 15.APR.2021 10:35:53



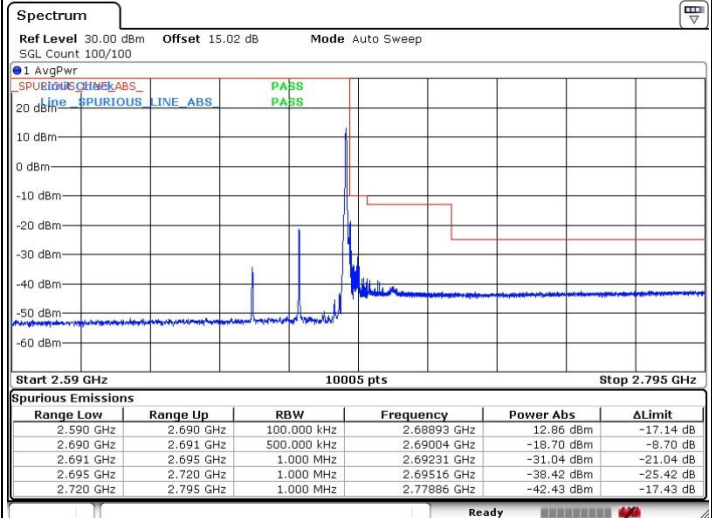
FR1 n41 / 30MHz / DFT-S OFDM / 256Q

Lowest Band Edge / 1RB0



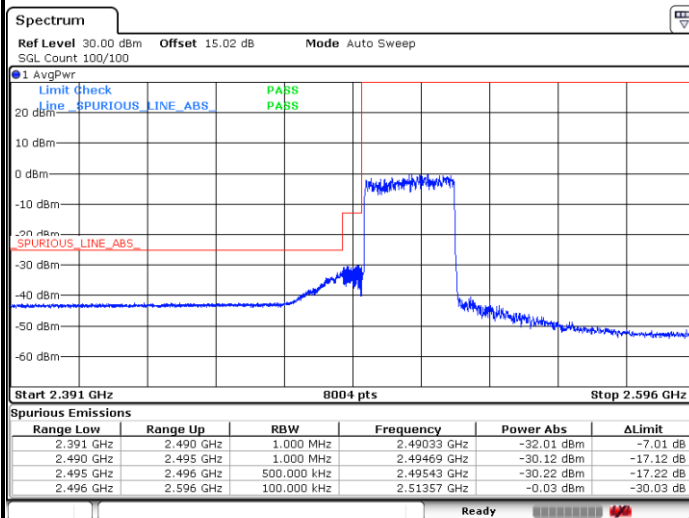
Date: 6.APR.2021 12:04:13

Highest Band Edge / 1RB24



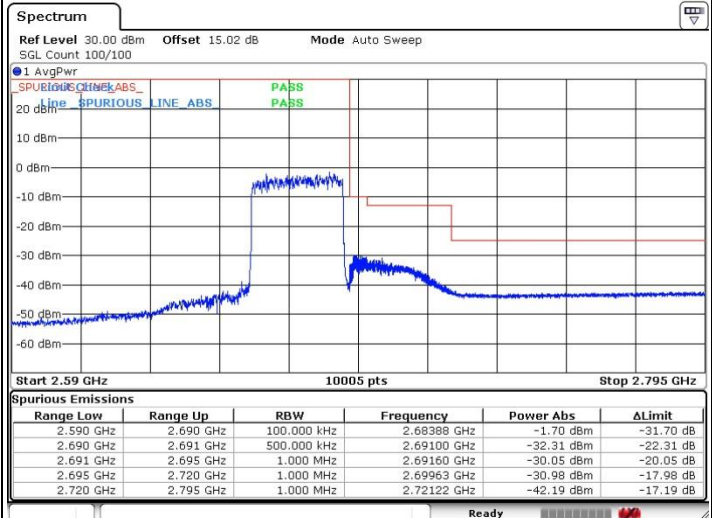
Date: 15.APR.2021 10:37:10

Lowest Band Edge / Full RB



Date: 6.APR.2021 12:10:37

Highest Band Edge / Full RB



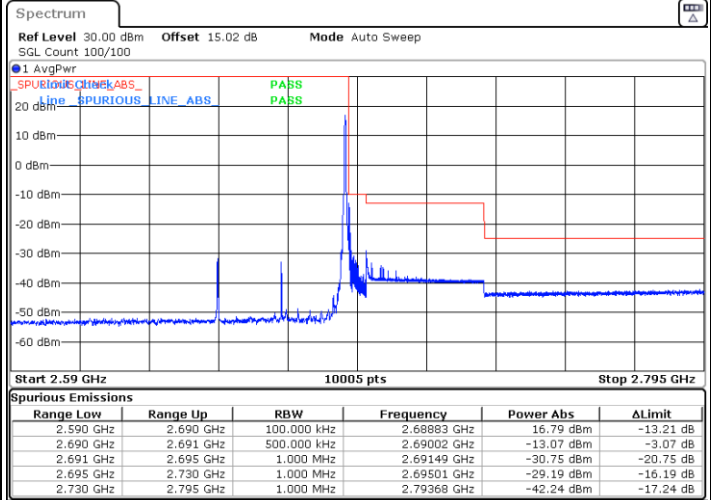
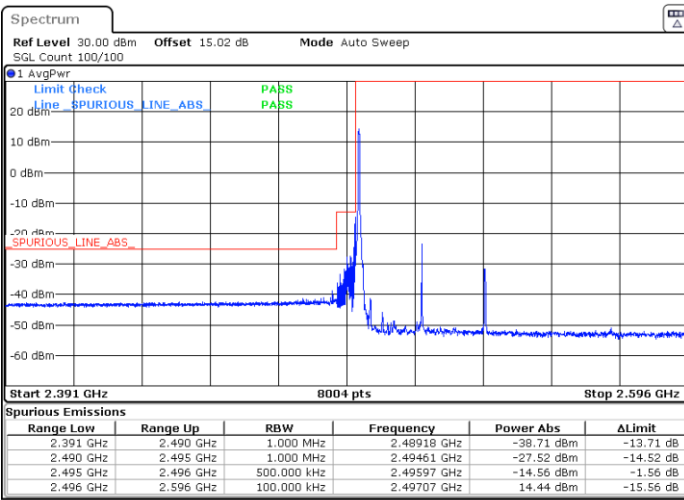
Date: 15.APR.2021 10:36:04



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

Lowest Band Edge / 1RB0

Highest Band Edge / 1RBmax

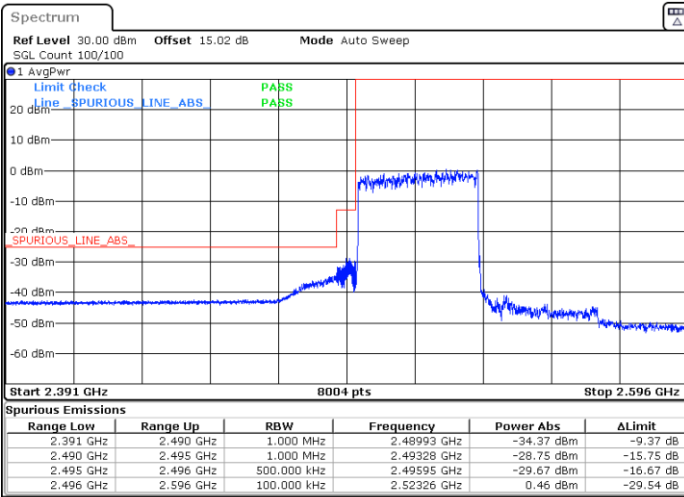


Date: 2.APR.2021 12:00:34

Date: 2.APR.2021 12:51:38

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 2.APR.2021 12:04:11

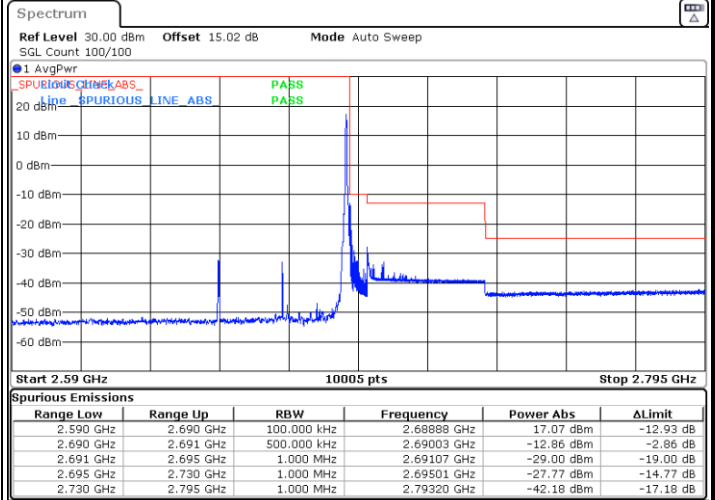
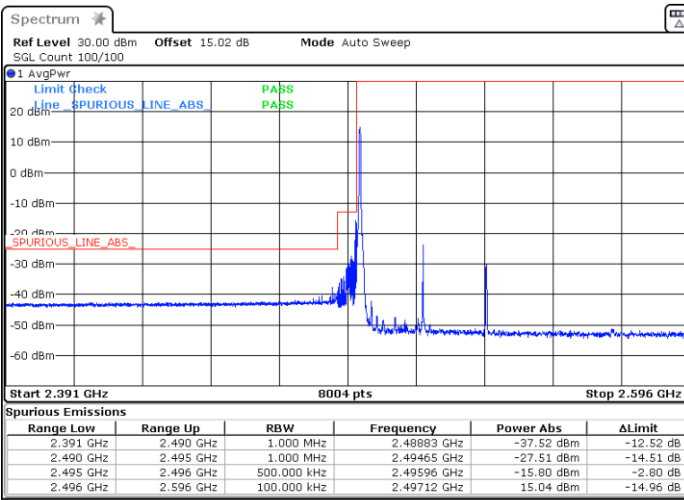
Date: 2.APR.2021 12:52:55



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

Lowest Band Edge / 1RB0

Highest Band Edge / 1RBmax

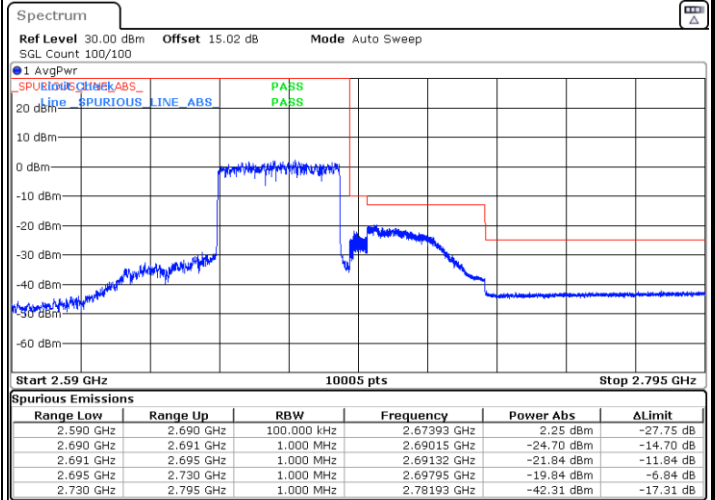
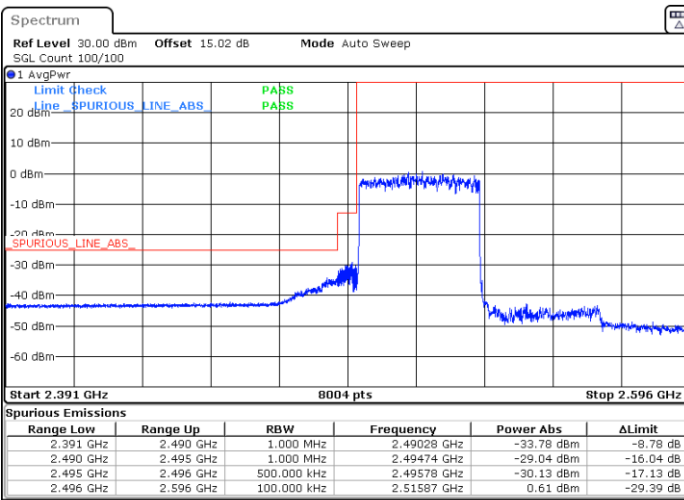


Date: 2.APR.2021 12:00:53

Date: 2.APR.2021 12:51:49

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 2.APR.2021 12:04:26

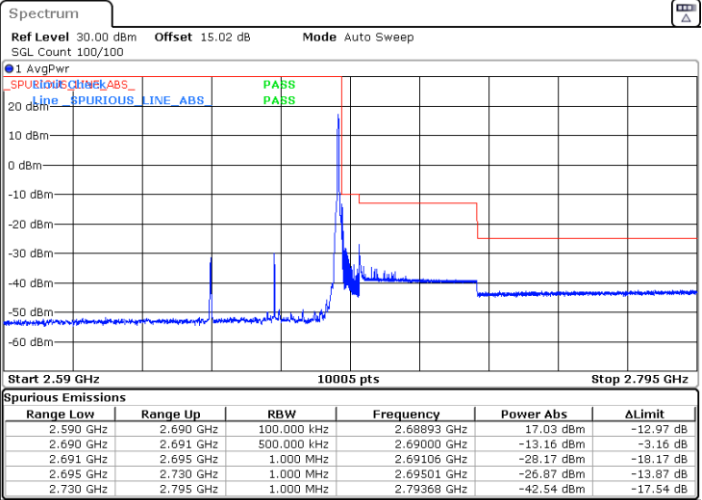
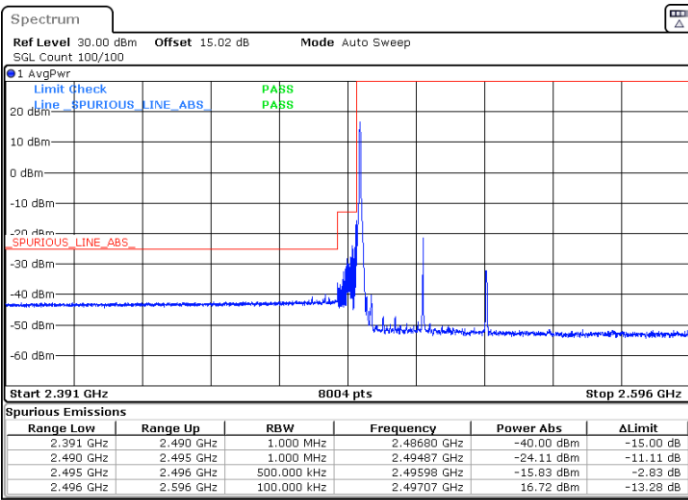
Date: 2.APR.2021 12:53:07



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

Lowest Band Edge / 1RB0

Highest Band Edge / 1RBmax

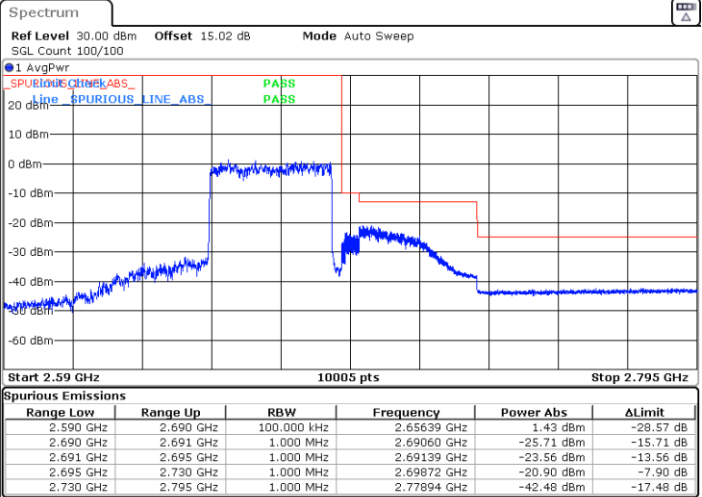
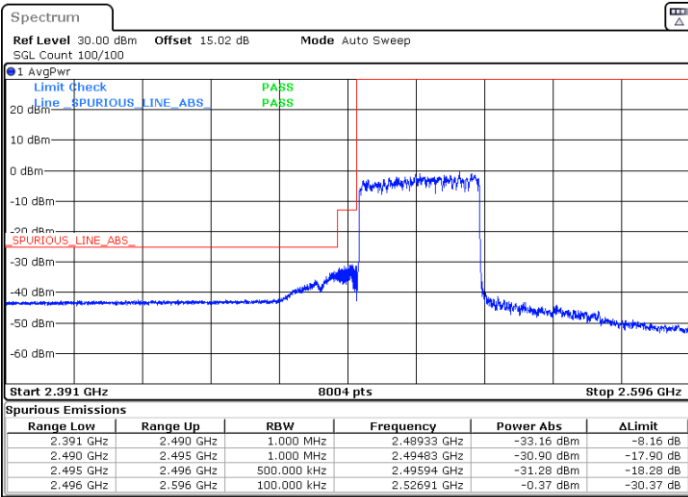


Date: 2.APR.2021 12:01:06

Date: 2.APR.2021 12:52:05

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



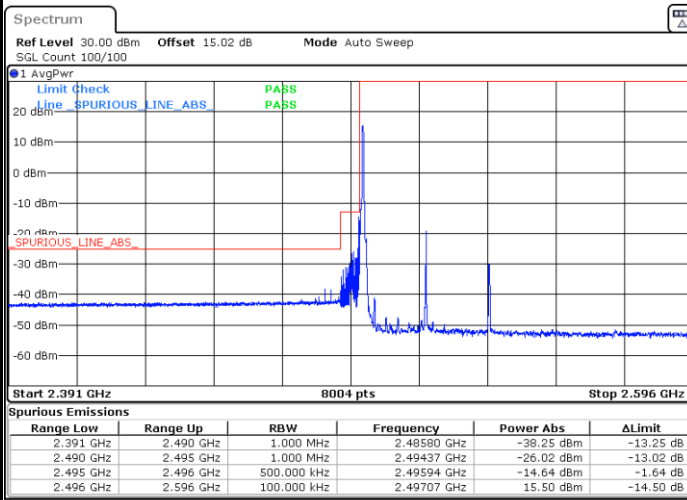
Date: 2.APR.2021 12:04:49

Date: 2.APR.2021 12:53:20



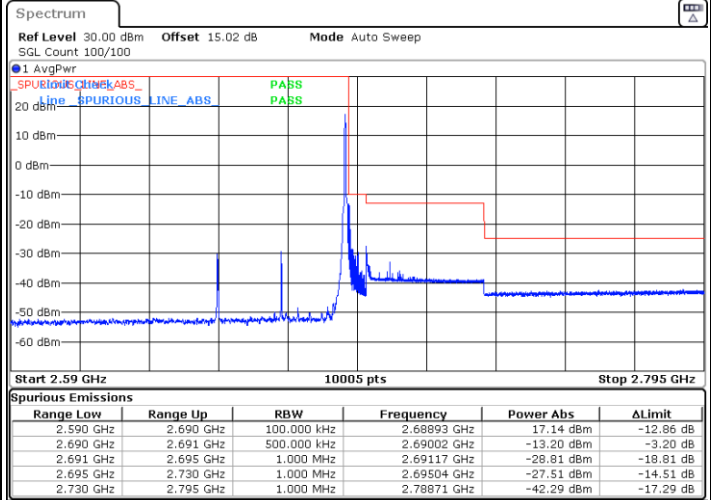
FR1 n41 / 40MHz / DFT-S OFDM / 64Q

Lowest Band Edge / 1RB0



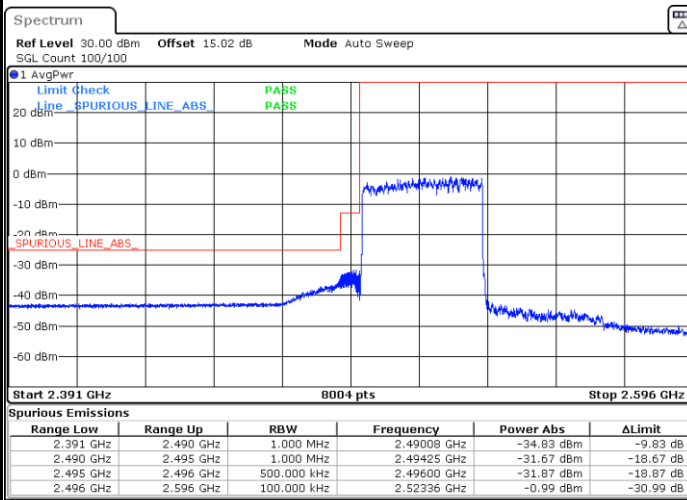
Date: 2.APR.2021 12:02:15

Highest Band Edge / 1RB24



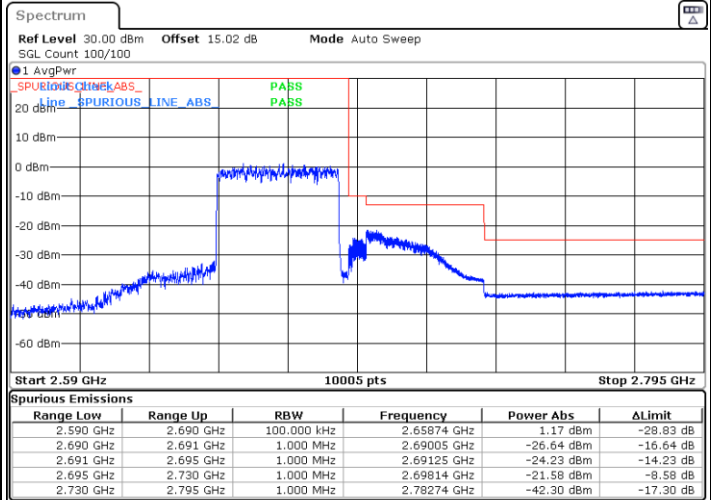
Date: 2.APR.2021 12:52:20

Lowest Band Edge / Full RB



Date: 2.APR.2021 12:05:13

Highest Band Edge / Full RB

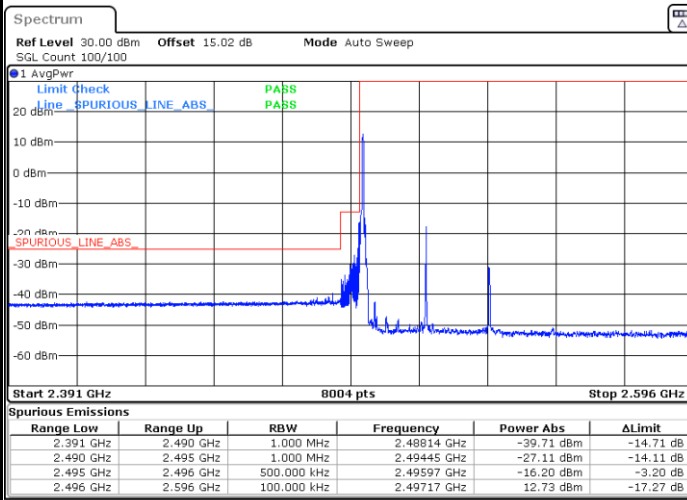


Date: 2.APR.2021 12:53:33



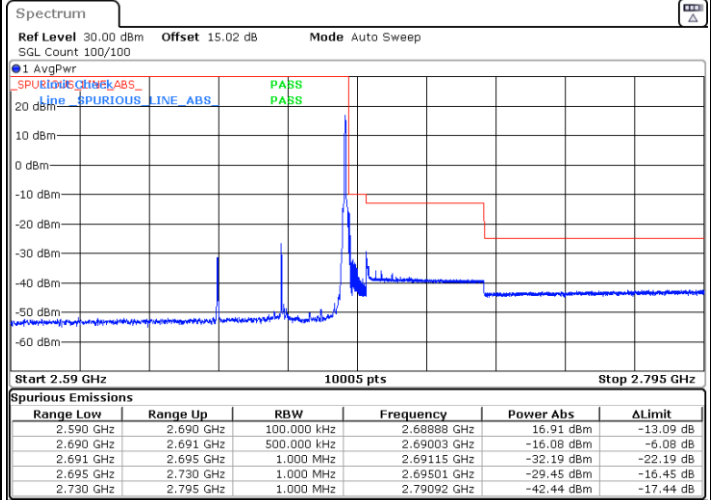
FR1 n41 / 40MHz / DFT-S OFDM / 256Q

Lowest Band Edge / 1RB0



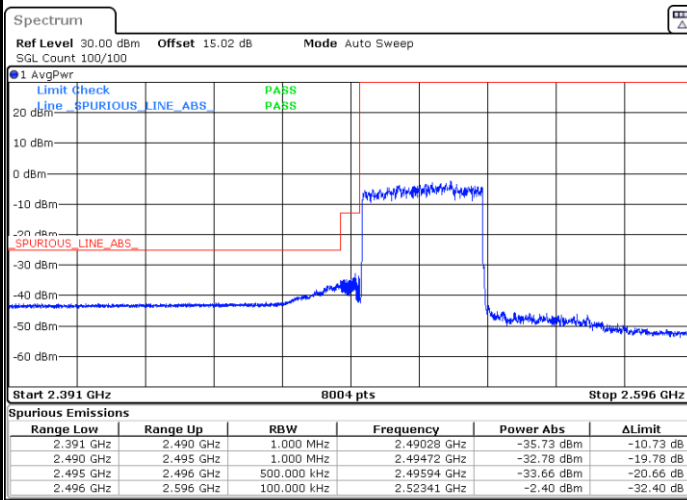
Date: 2.APR.2021 12:02:28

Highest Band Edge / 1RB24



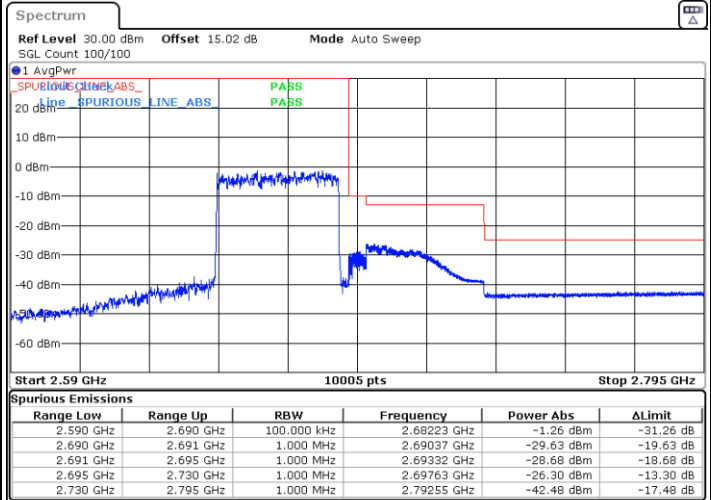
Date: 2.APR.2021 12:52:33

Lowest Band Edge / Full RB



Date: 2.APR.2021 12:05:27

Highest Band Edge / Full RB



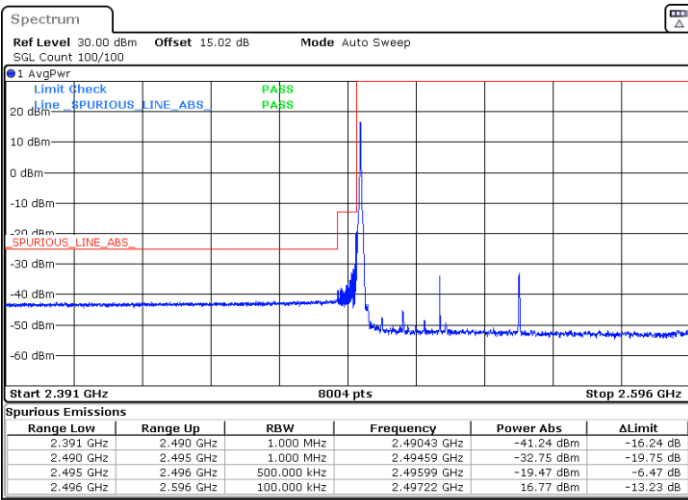
Date: 2.APR.2021 12:53:46



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

Lowest Band Edge / 1RB0

Highest Band Edge / 1RBmax

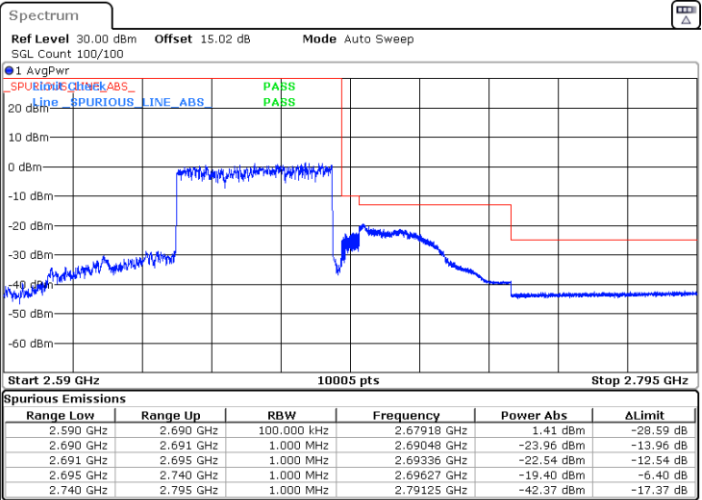
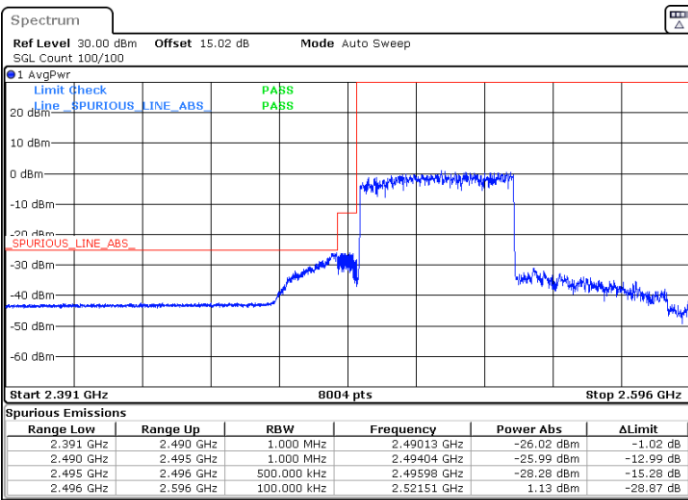


Date: 2.APR.2021 12:55:27

Date: 2.APR.2021 13:00:35

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 2.APR.2021 12:56:40

Date: 2.APR.2021 12:59:11