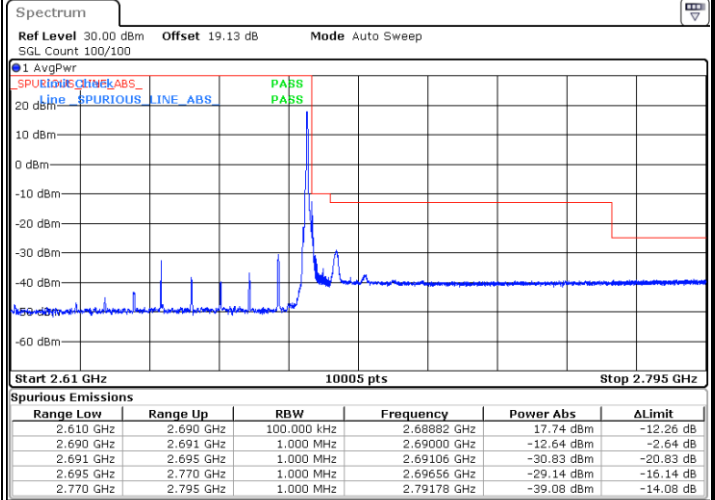
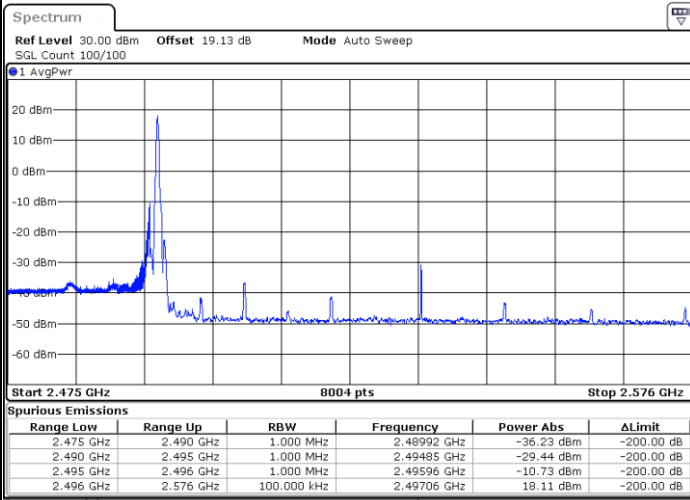




FR1 n41 / 80MHz / DFT-S OFDM / PI/2 BPSK

Lowest Band Edge / 1RB0

Highest Band Edge / 1RBmax

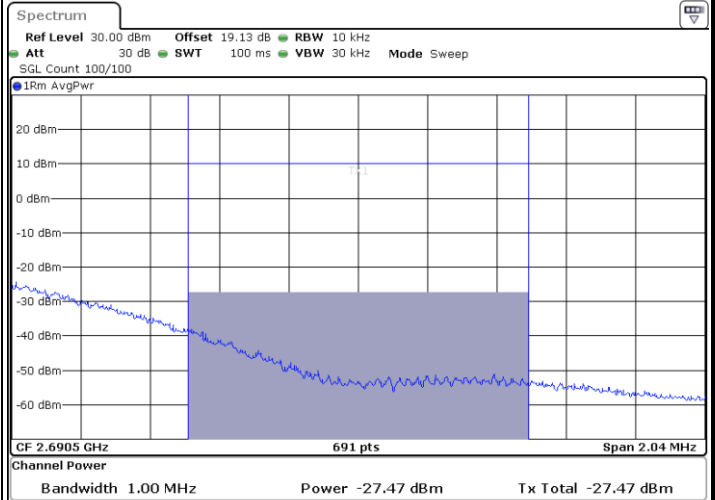
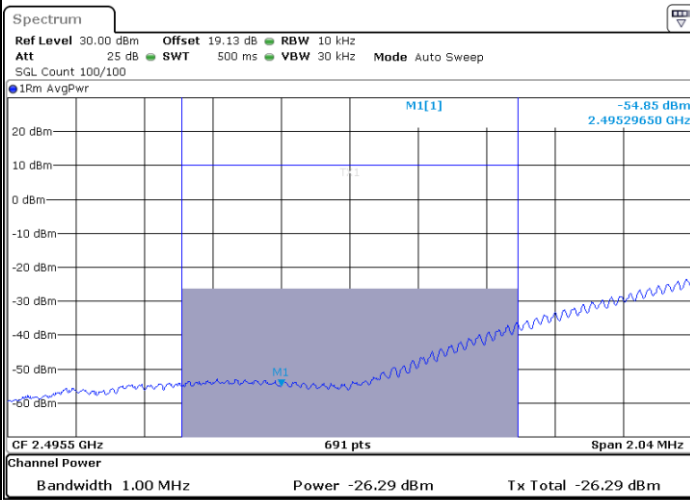


Date: 30.MAR.2021 18:24:20

Date: 30.MAR.2021 18:39:44

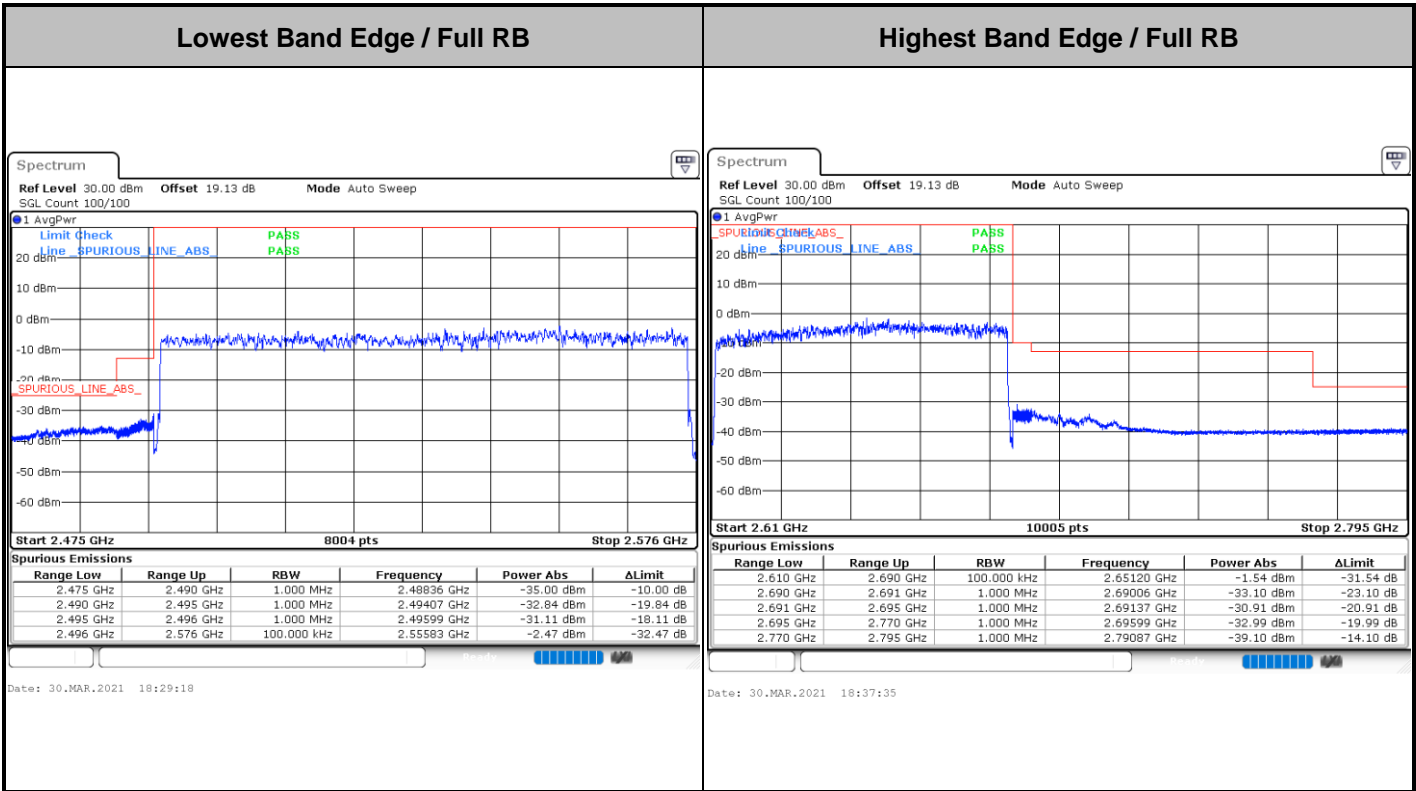
Channel Power -26.29dBm < -13dBm (Pass)

Channel Power -27.47dBm < -13dBm (Pass)



Date: 30.MAR.2021 18:23:40

Date: 30.MAR.2021 22:16:08

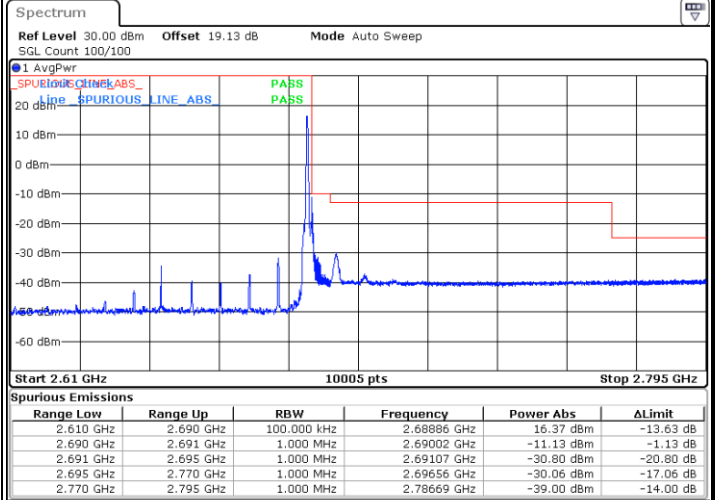
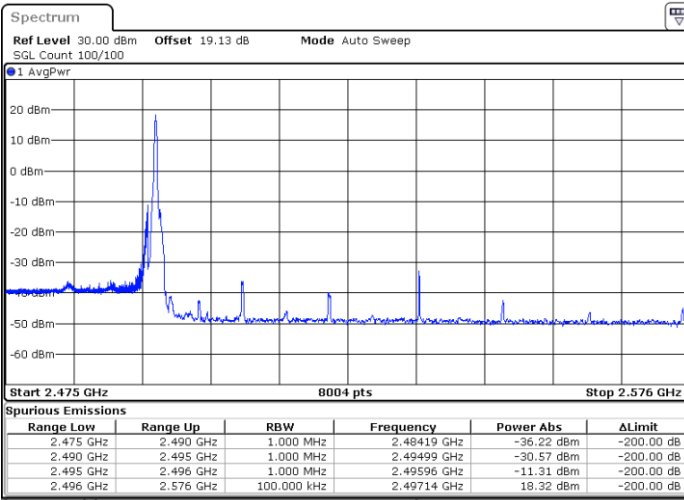




FR1 n41 / 80MHz / DFT-S OFDM / QPSK

Lowest Band Edge / 1RB0

Highest Band Edge / 1RBmax

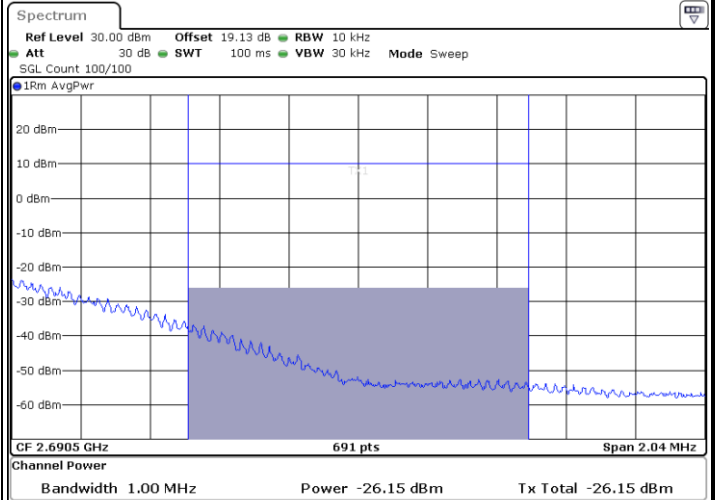
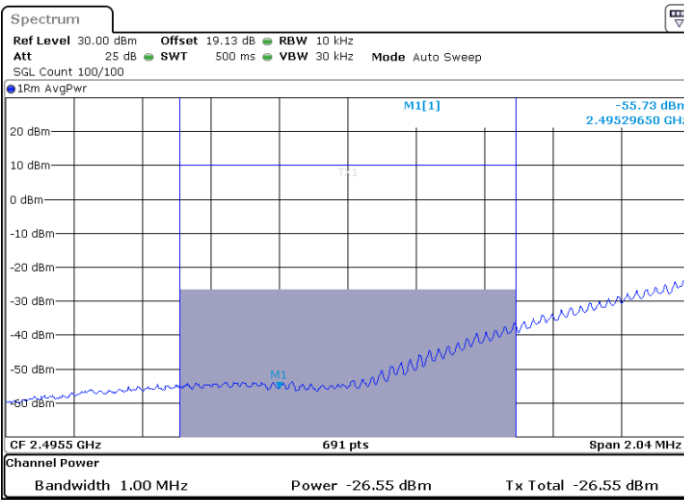


Date: 30.MAR.2021 18:24:43

Date: 30.MAR.2021 18:39:22

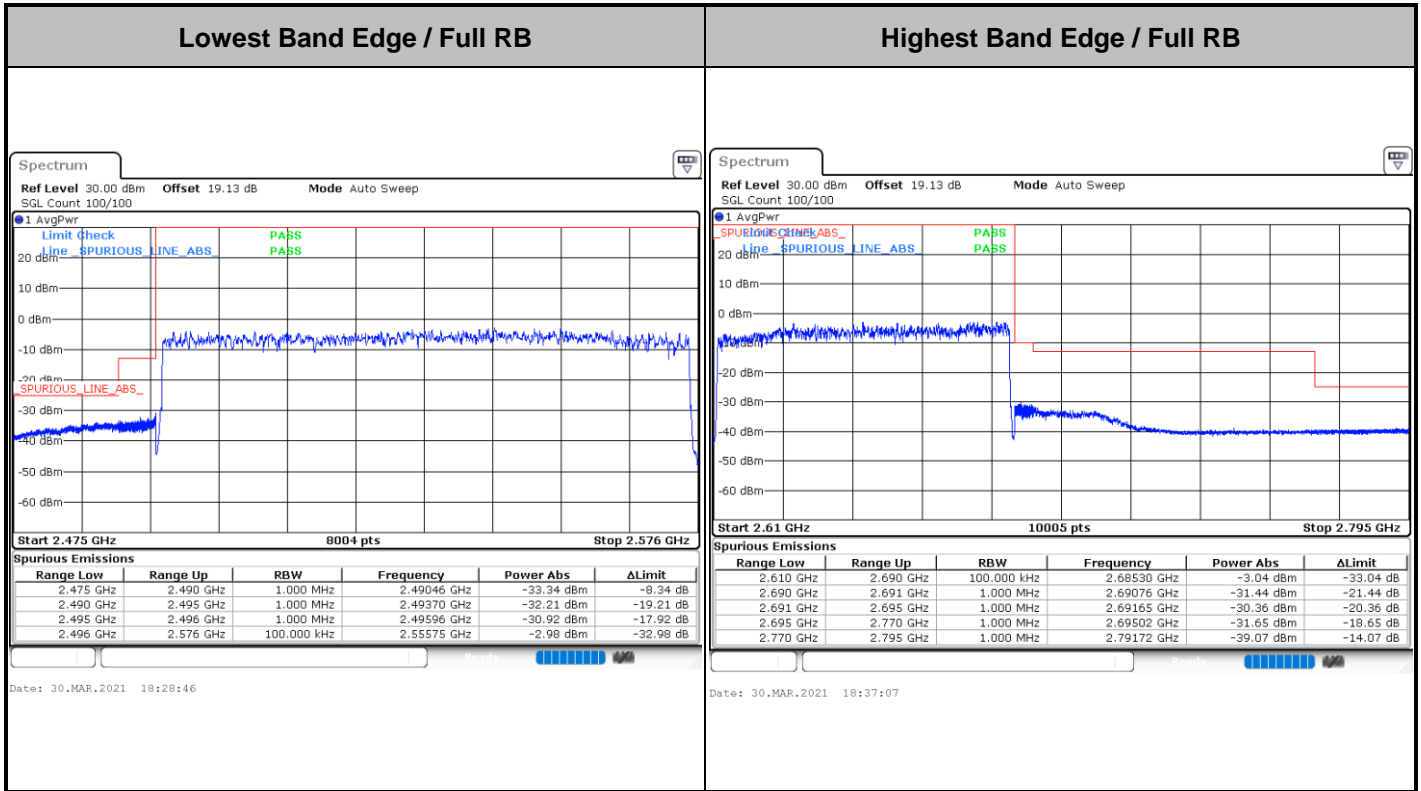
Channel Power -26.55dBm < -13dBm (Pass)

Channel Power -26.15dBm < -13dBm (Pass)



Date: 30.MAR.2021 18:22:24

Date: 30.MAR.2021 22:17:04

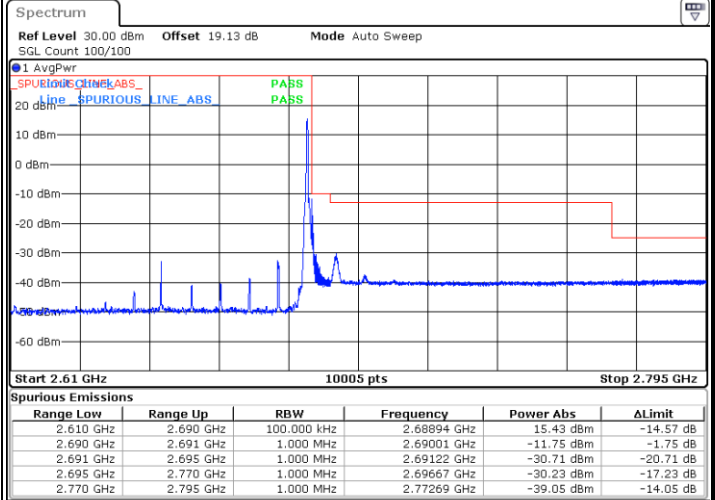
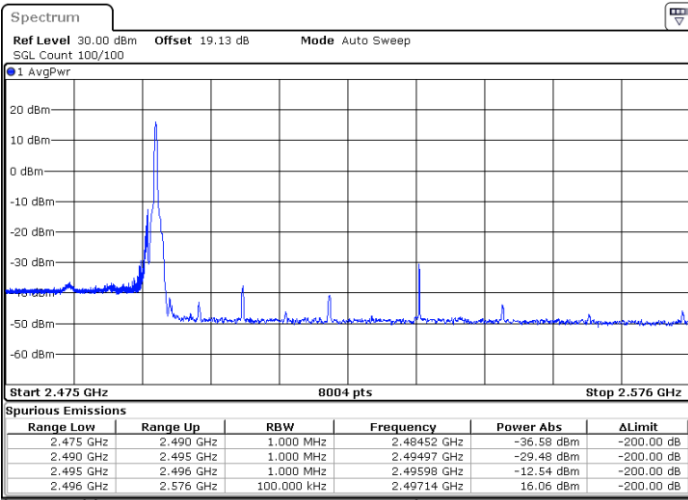




FR1 n41 / 80MHz / DFT-S OFDM / 16QAM

Lowest Band Edge / 1RB0

Highest Band Edge / 1RBmax

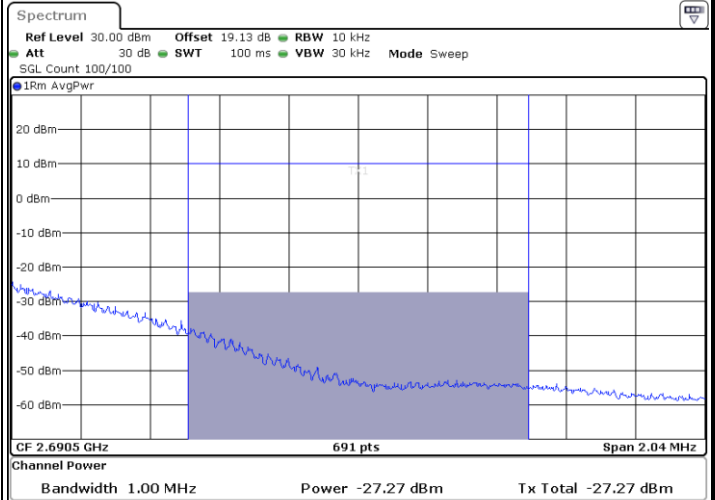
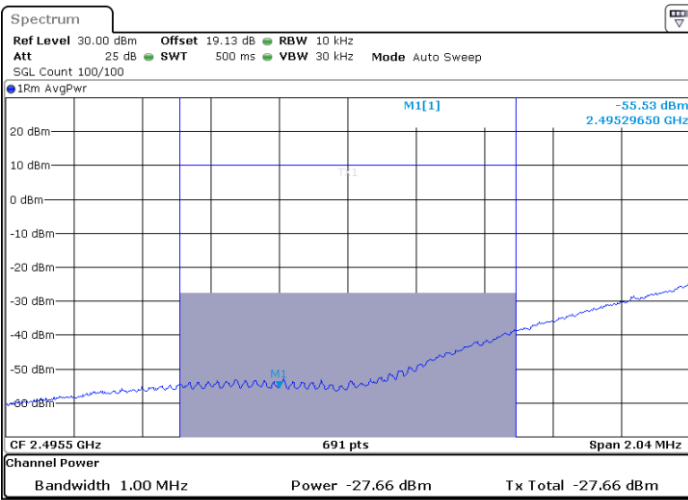


Date: 30.MAR.2021 18:25:15

Date: 30.MAR.2021 18:40:43

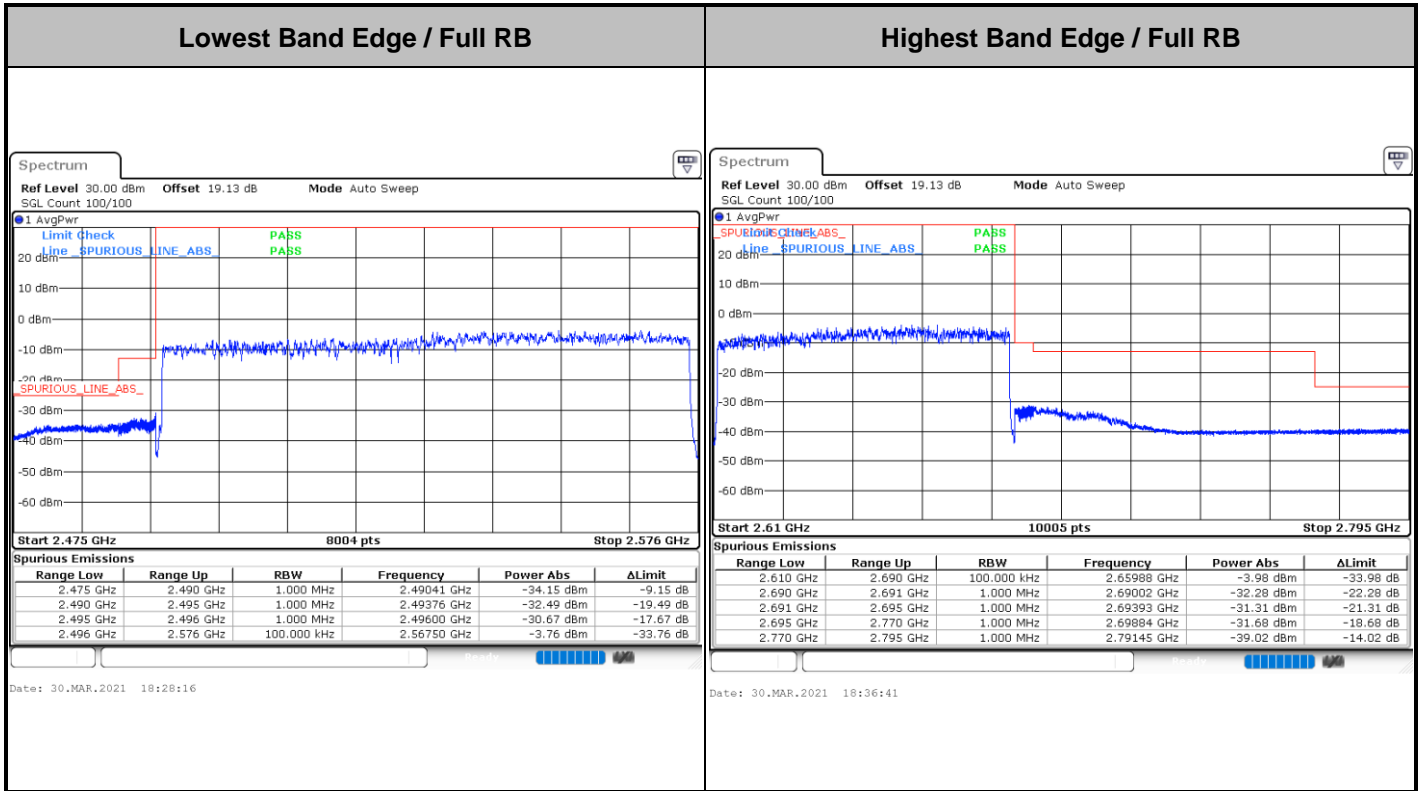
Channel Power -27.66dBm < -13dBm (Pass)

Channel Power -27.27dBm < -13dBm (Pass)



Date: 30.MAR.2021 18:21:25

Date: 30.MAR.2021 22:17:49

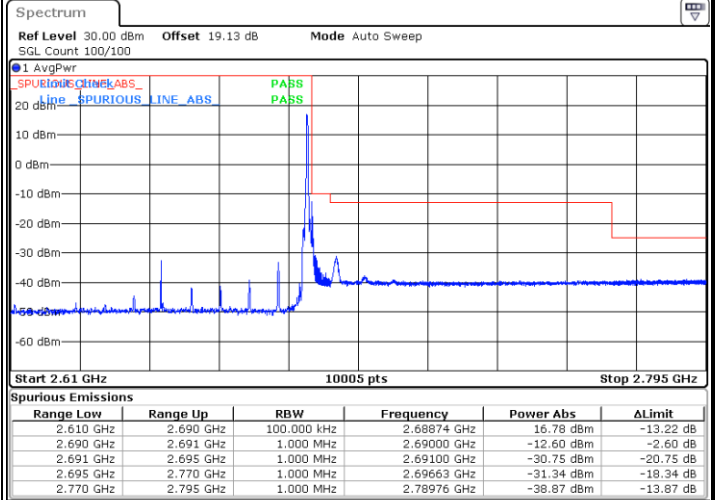
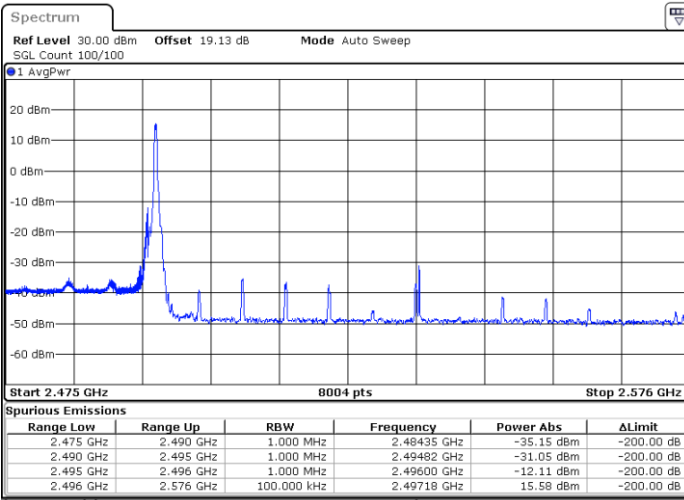




FR1 n41 / 80MHz / DFT-S OFDM / 64QAM

Lowest Band Edge / 1RB0

Highest Band Edge / 1RBmax

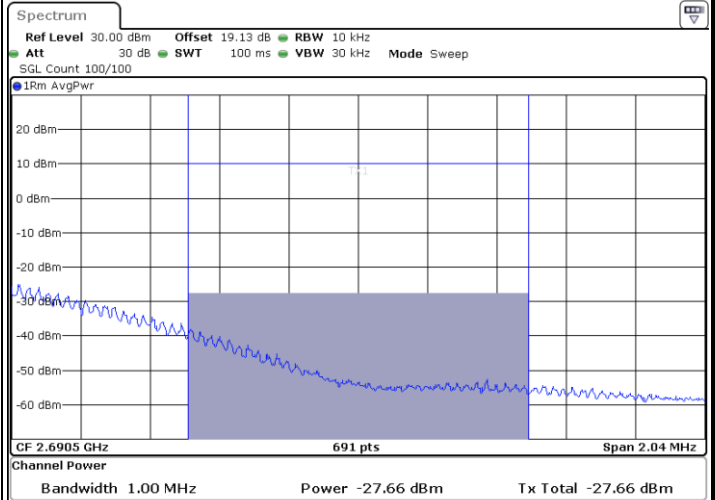
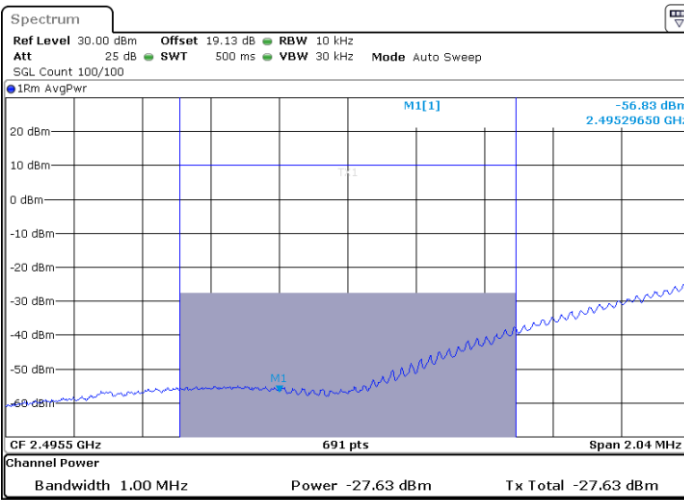


Date: 30.MAR.2021 18:27:30

Date: 30.MAR.2021 18:41:06

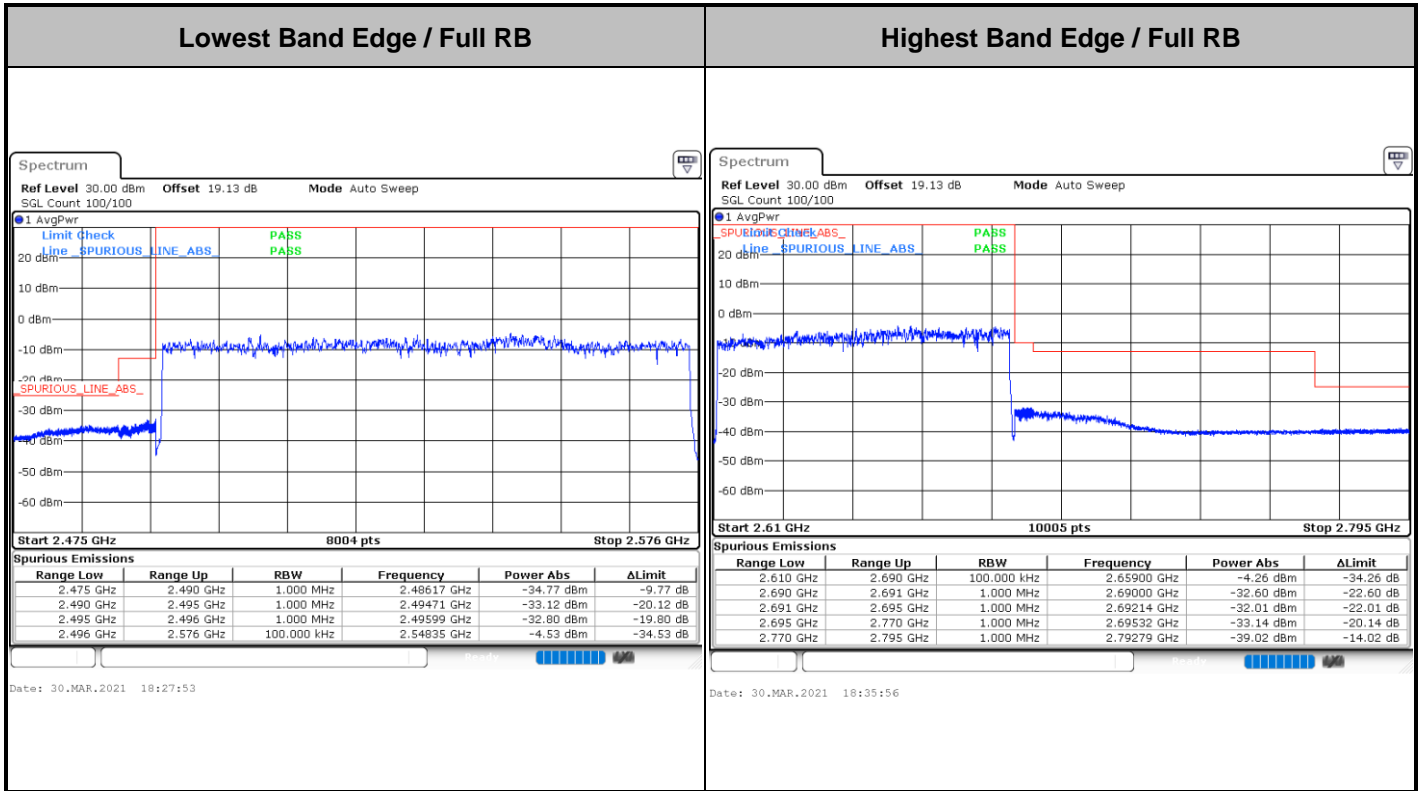
Channel Power -27.63dBm < -13dBm (Pass)

Channel Power -27.66dBm < -13dBm (Pass)



Date: 30.MAR.2021 18:20:27

Date: 30.MAR.2021 22:18:27

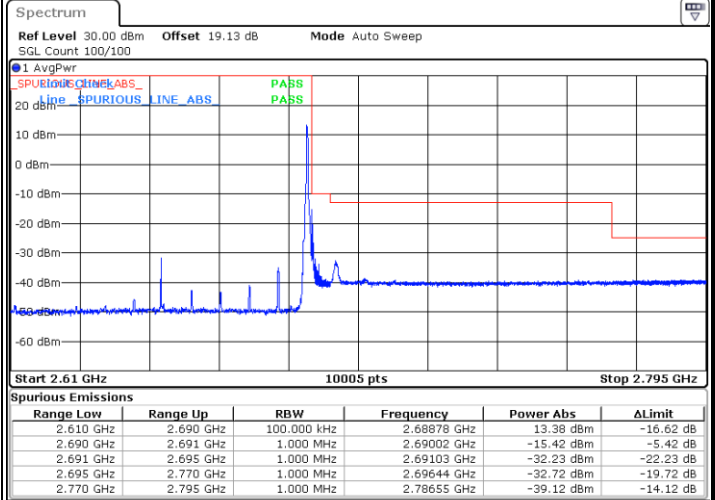
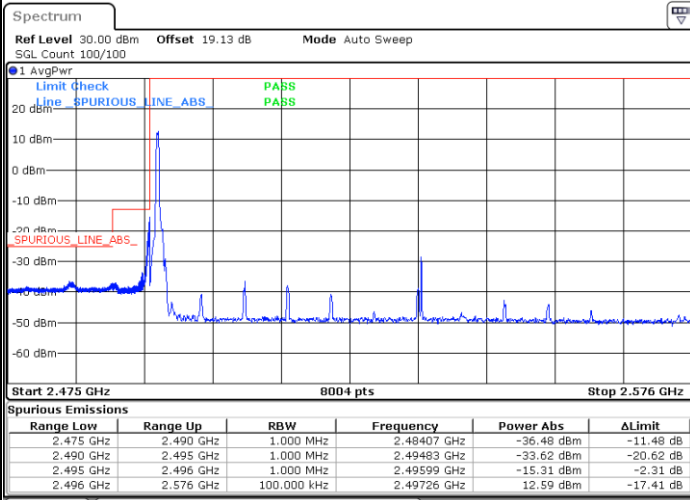




FR1 n41 / 80MHz / DFT-S OFDM / 256QAM

Lowest Band Edge / 1RB0

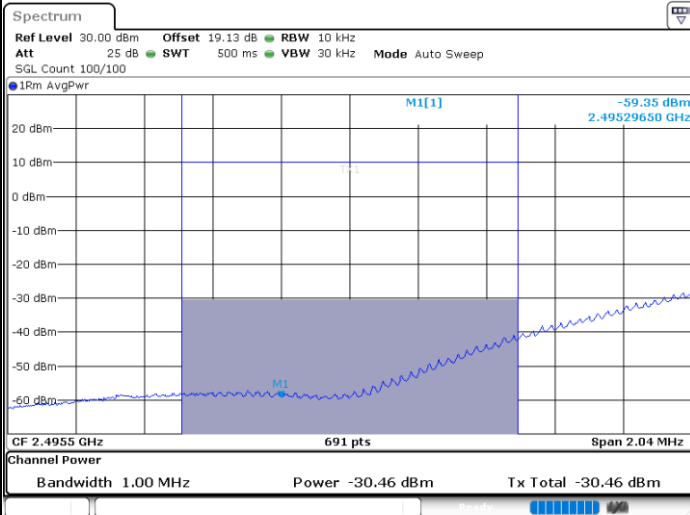
Highest Band Edge / 1RBmax



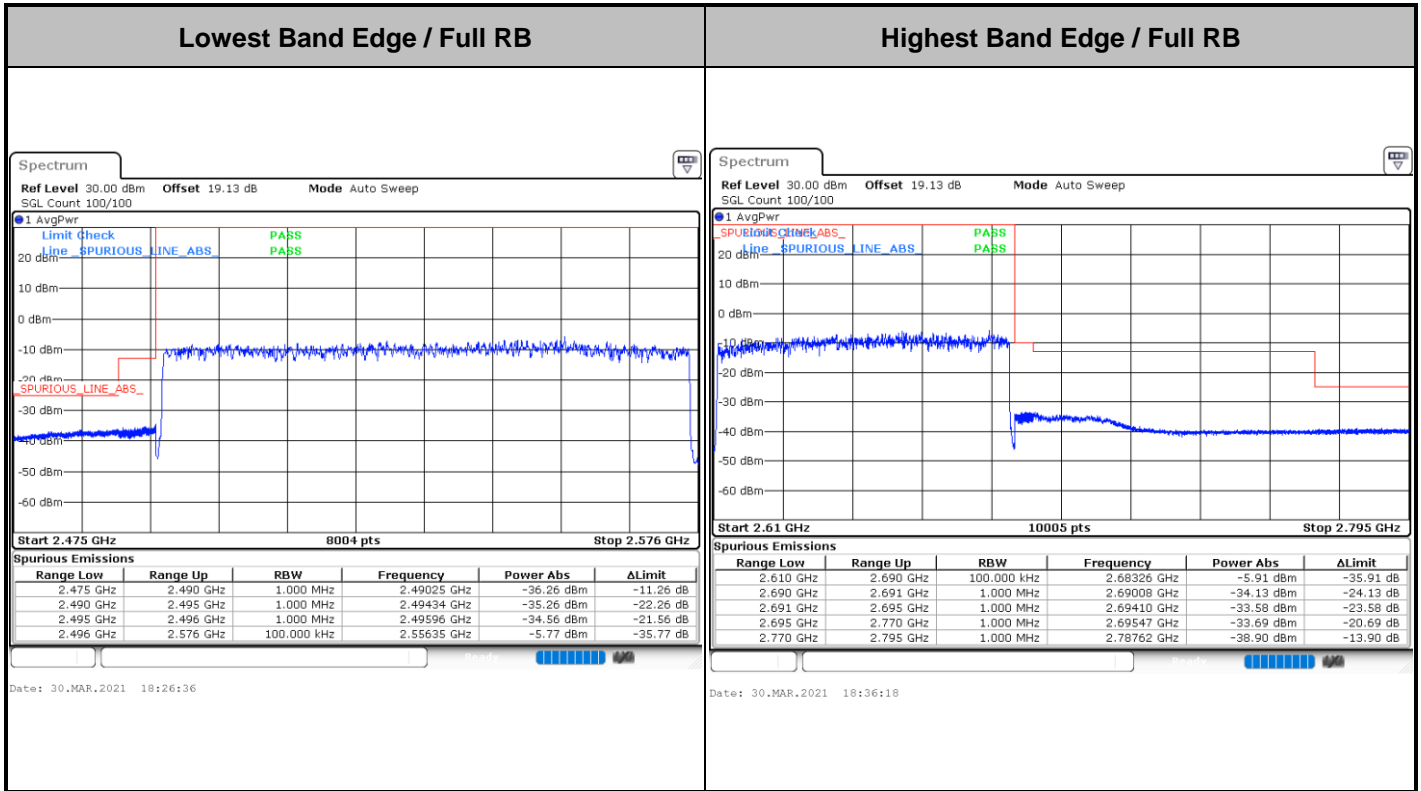
Date: 30.MAR.2021 18:27:04

Date: 30.MAR.2021 18:41:39

Channel Power -30.46dBm < -13dBm (Pass)



Date: 30.MAR.2021 18:19:29

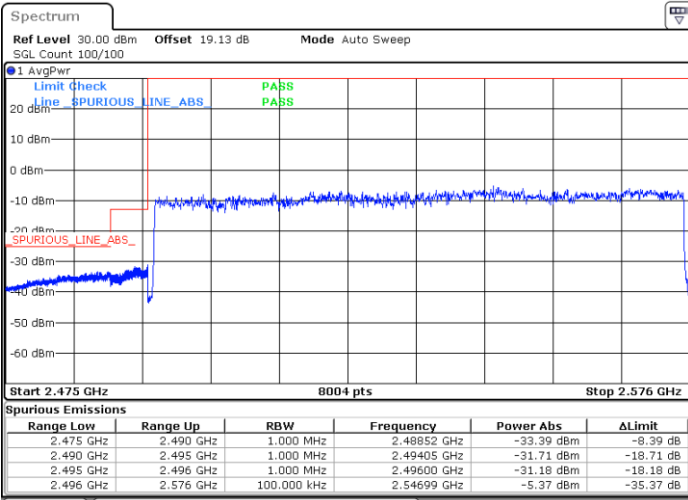




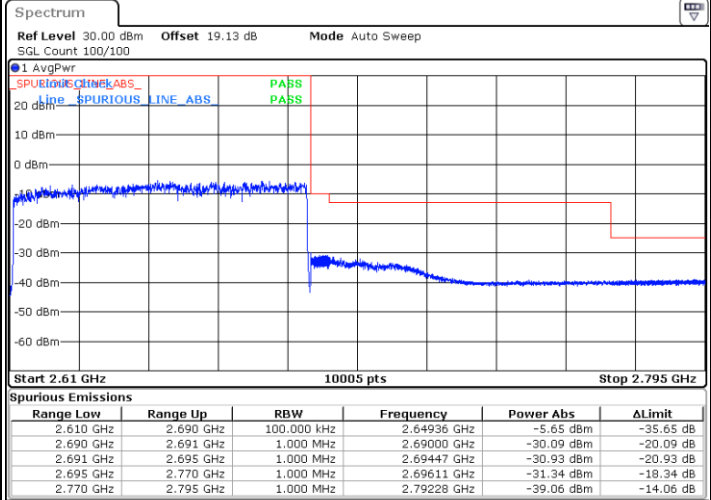
FR1 n41 / 80MHz / CP OFDM / QPSK / Full RB

Lowest Band Edge

Highest Band Edge



Date: 30.MAR.2021 18:29:57



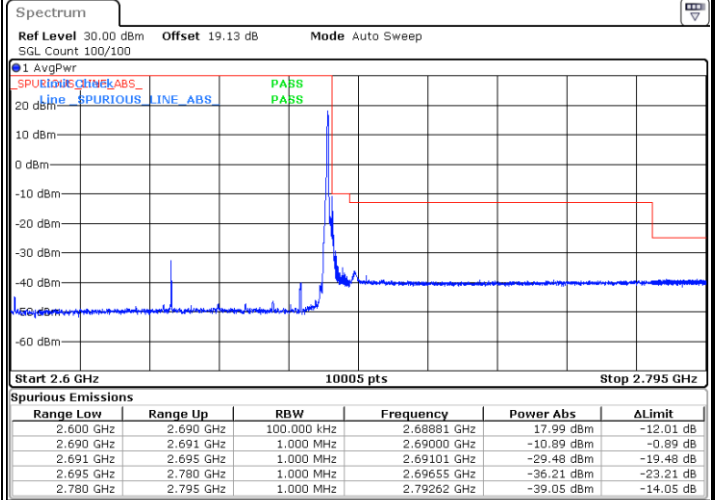
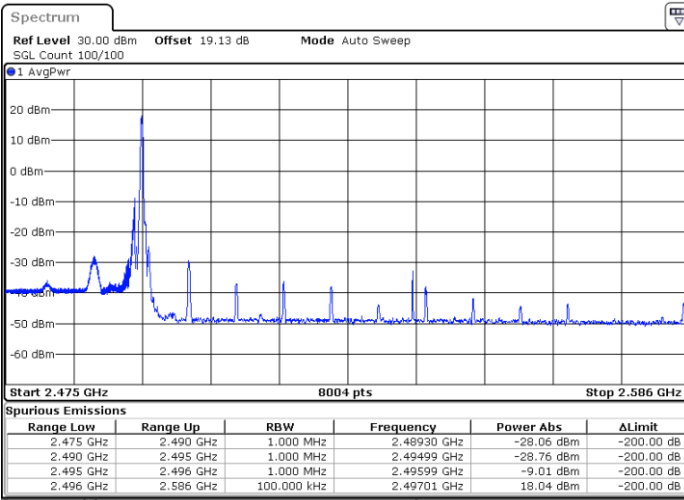
Date: 30.MAR.2021 18:47:17



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

Lowest Band Edge / 1RB0

Highest Band Edge / 1RBmax

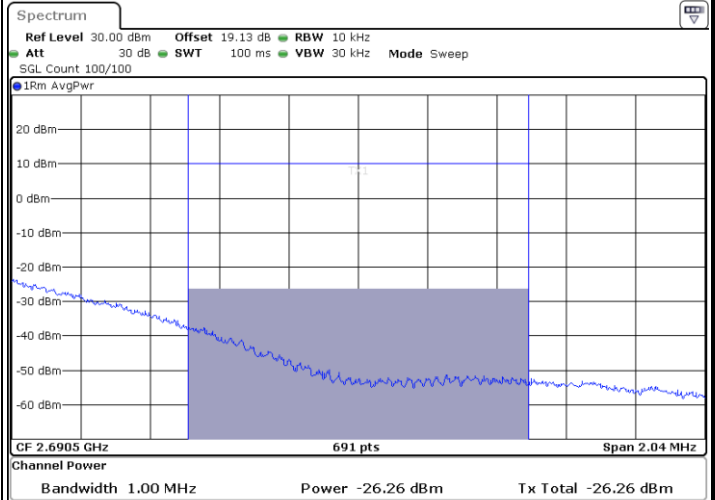
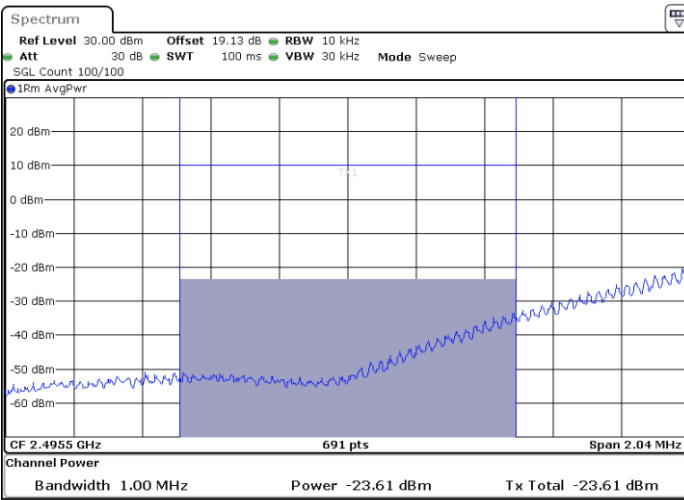


Date: 30.MAR.2021 21:57:19

Date: 30.MAR.2021 20:56:55

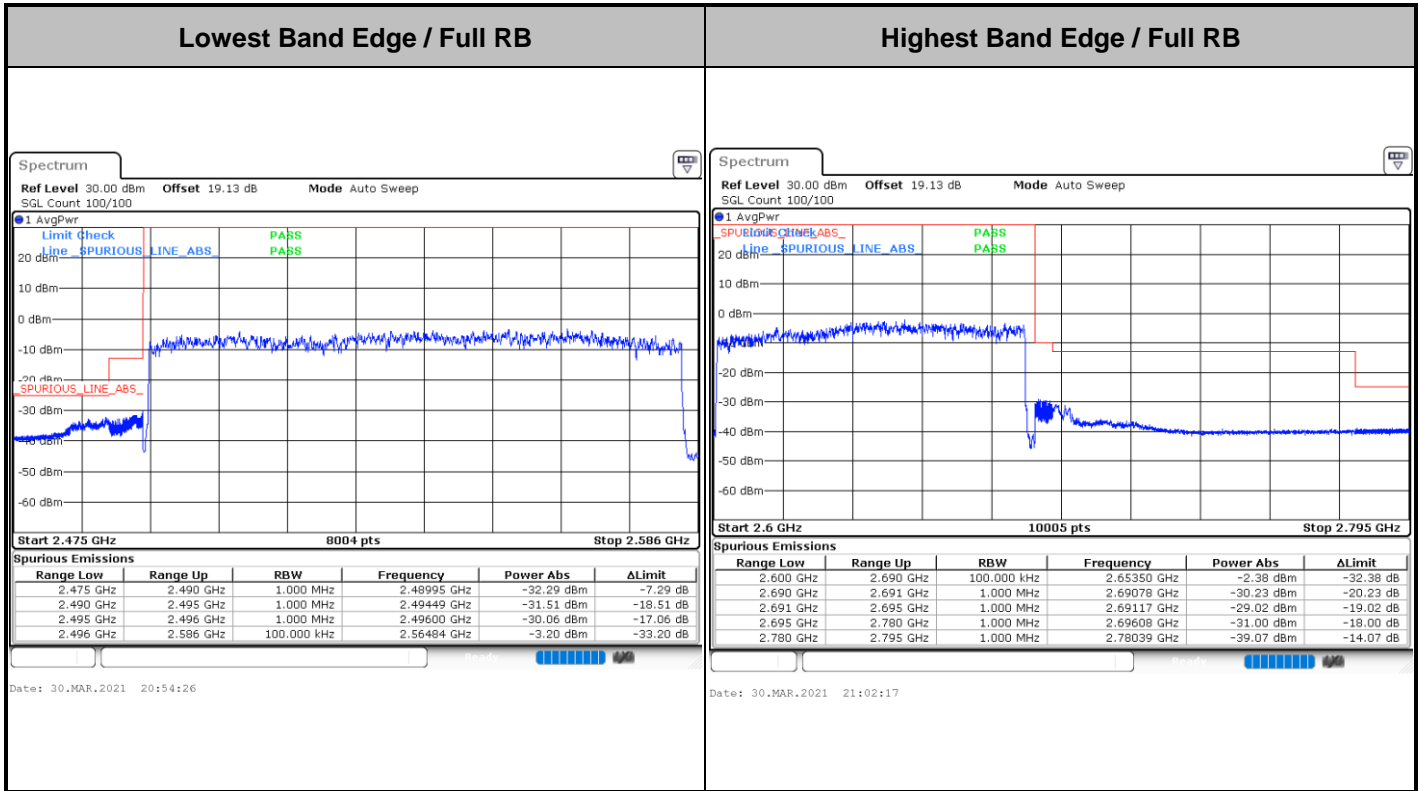
Channel Power -23.61dBm < -13dBm (Pass)

Channel Power -26.26dBm < -13dBm (Pass)



Date: 30.MAR.2021 21:59:38

Date: 30.MAR.2021 21:41:20

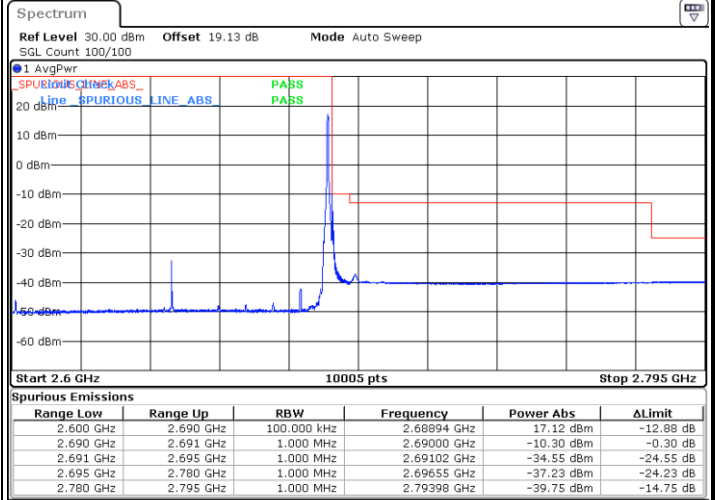
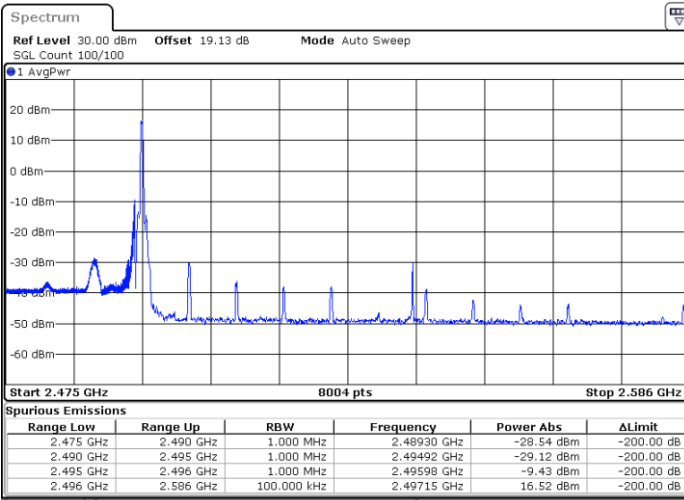




FR1 n41 / 90MHz / DFT-S OFDM / QPSK

Lowest Band Edge / 1RB0

Highest Band Edge / 1RBmax

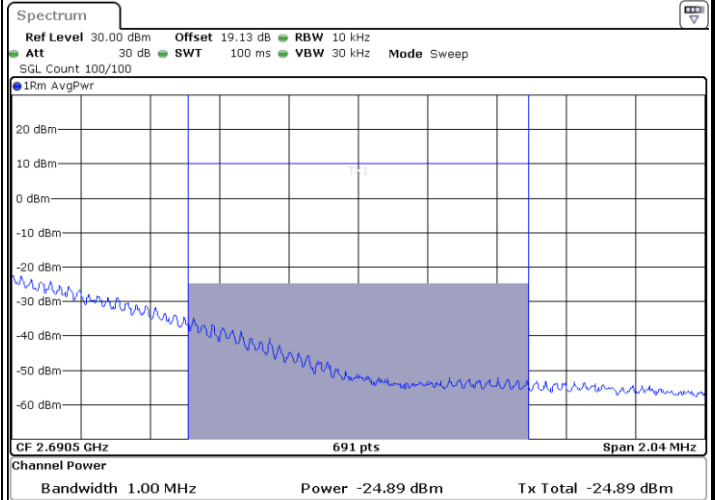
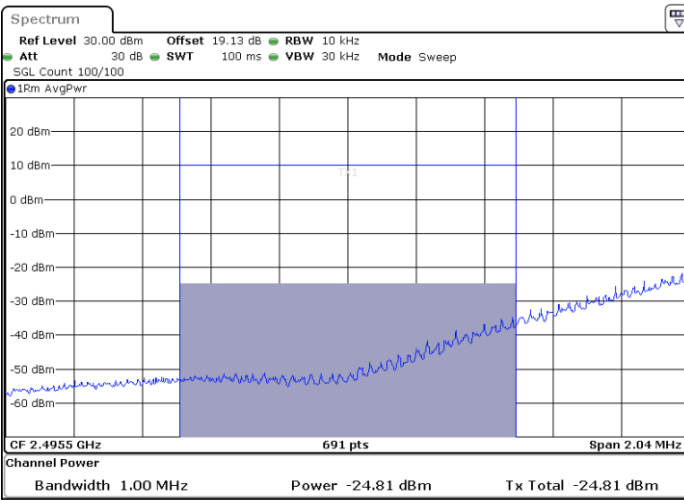


Date: 30.MAR.2021 22:08:12

Date: 30.MAR.2021 20:58:05

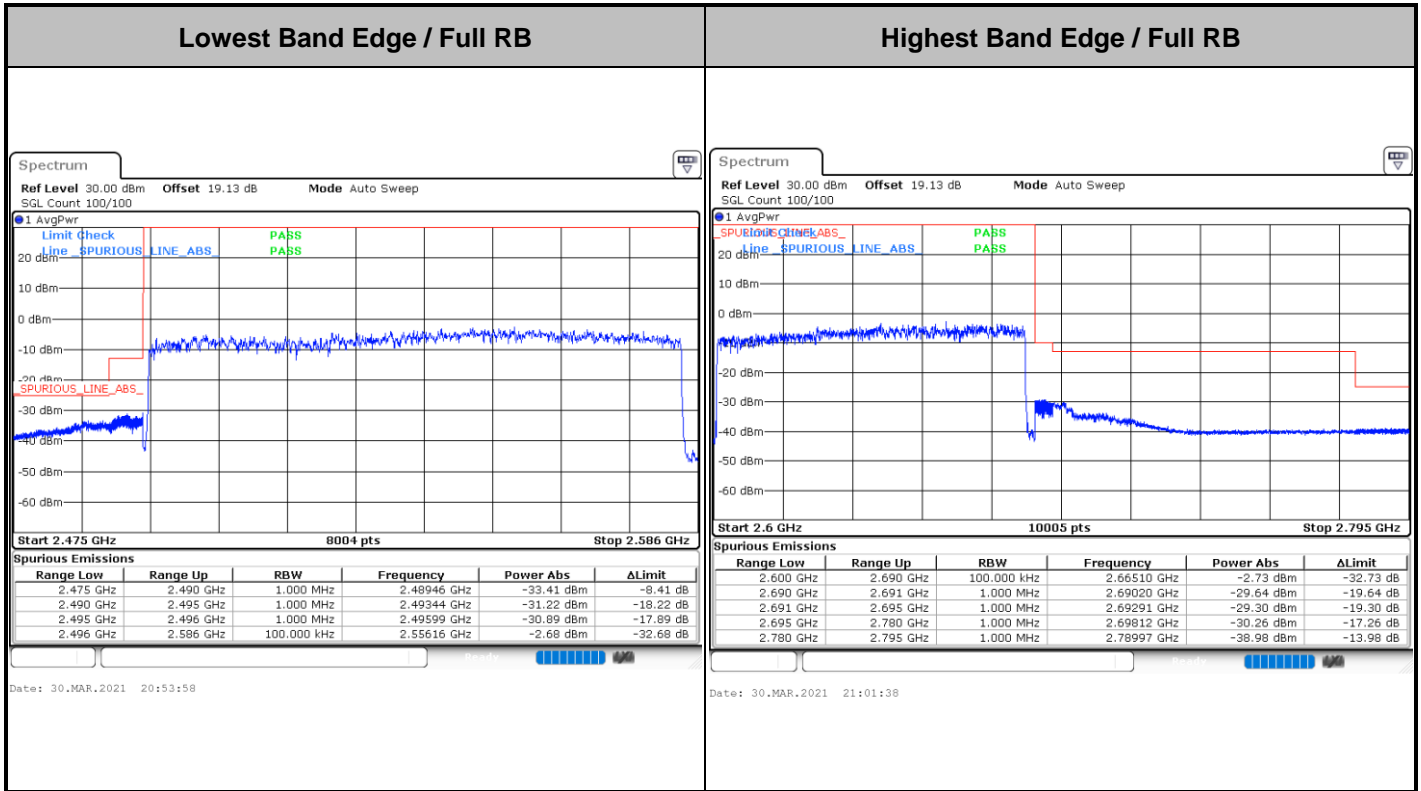
Channel Power -24.81dBm < -13dBm (Pass)

Channel Power -24.89dBm < -13dBm (Pass)



Date: 30.MAR.2021 22:01:14

Date: 30.MAR.2021 21:45:42

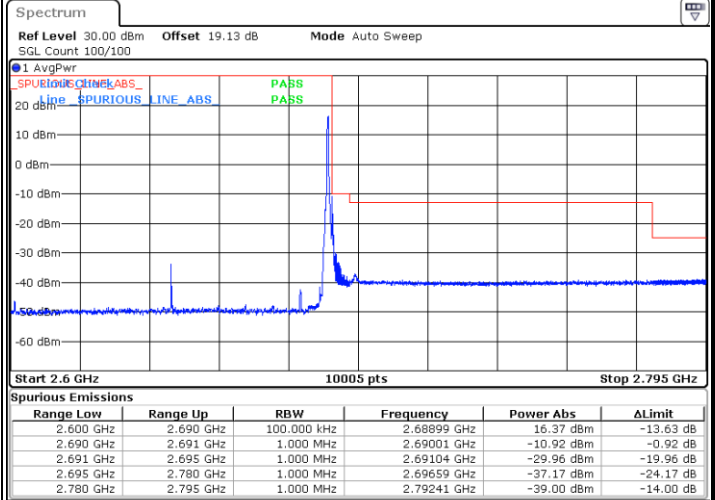
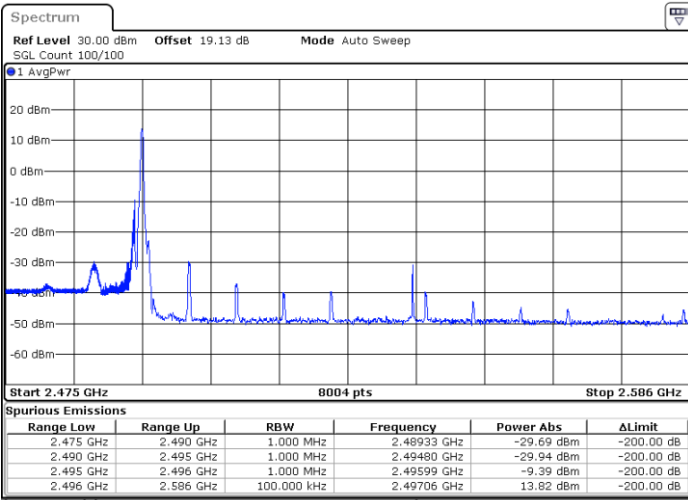




FR1 n41 / 90MHz / DFT-S OFDM / 16QAM

Lowest Band Edge / 1RB0

Highest Band Edge / 1RBmax

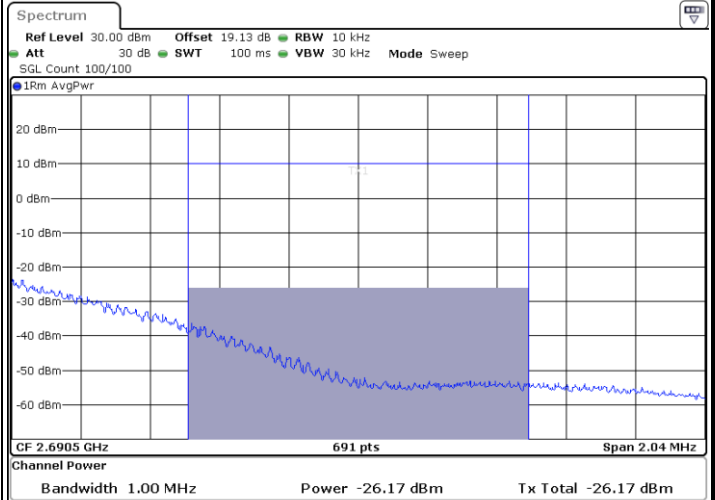
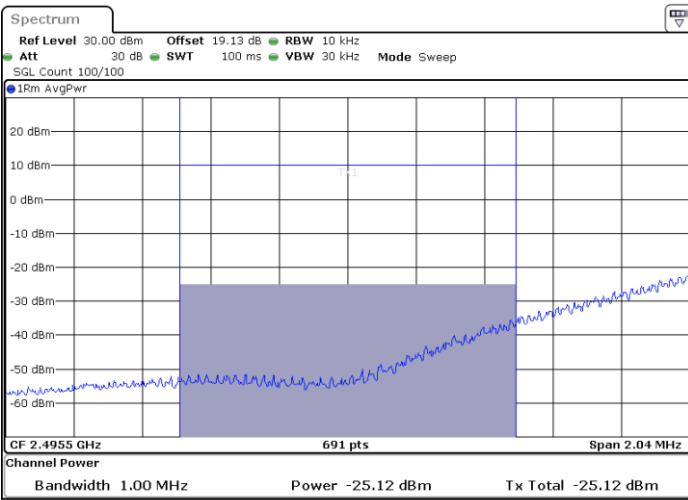


Date: 30.MAR.2021 22:08:41

Date: 30.MAR.2021 20:58:35

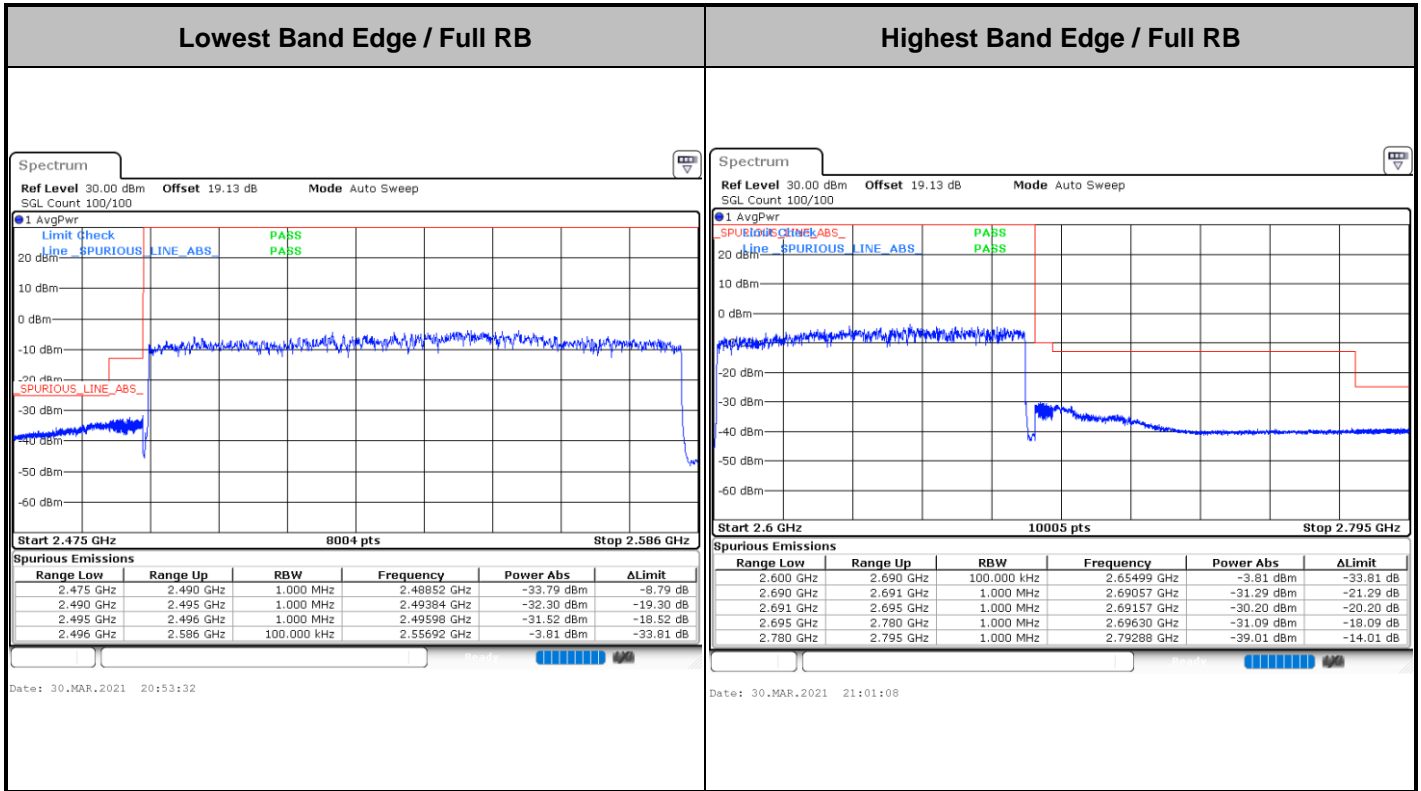
Channel Power -25.12dBm < -13dBm (Pass)

Channel Power -26.17dBm < -13dBm (Pass)



Date: 30.MAR.2021 22:03:40

Date: 30.MAR.2021 21:48:39

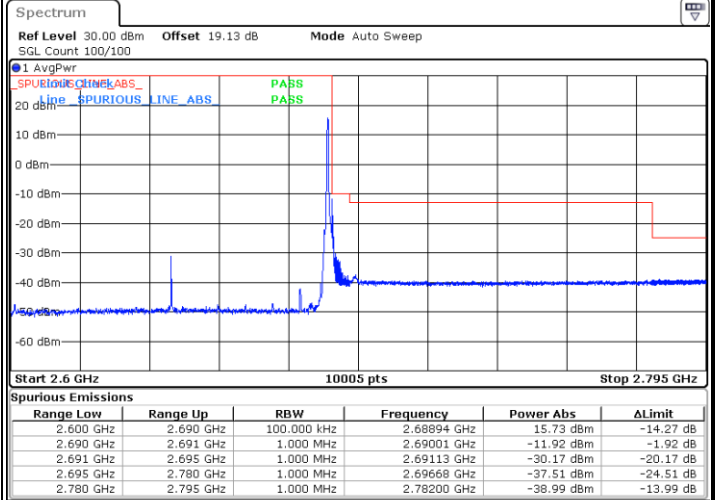
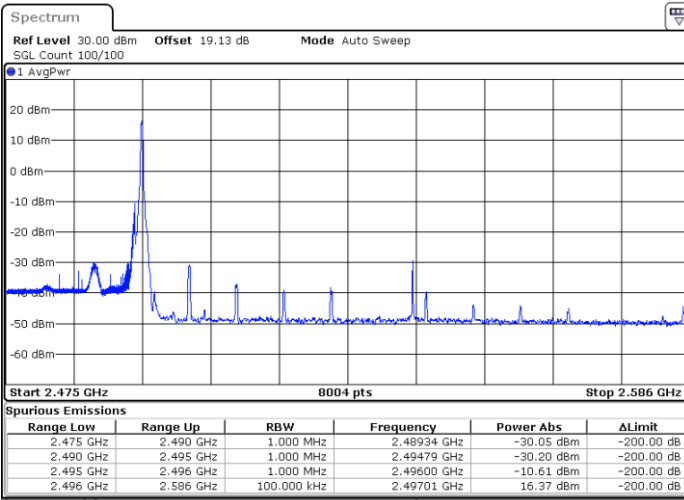




FR1 n41 / 90MHz / DFT-S OFDM / 64QAM

Lowest Band Edge / 1RB0

Highest Band Edge / 1RBmax

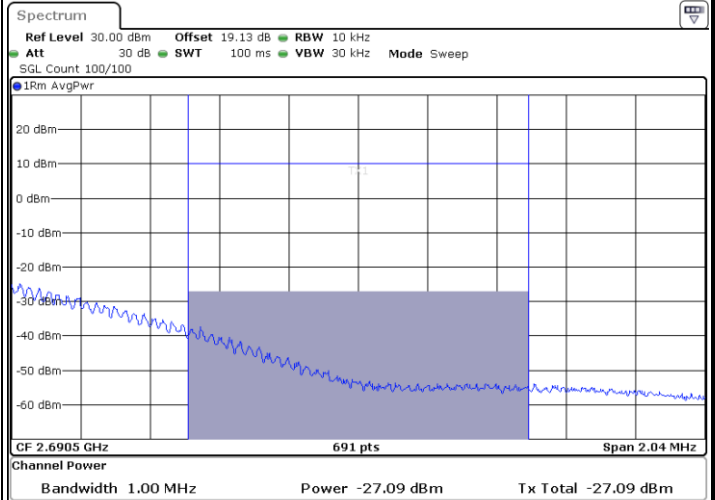
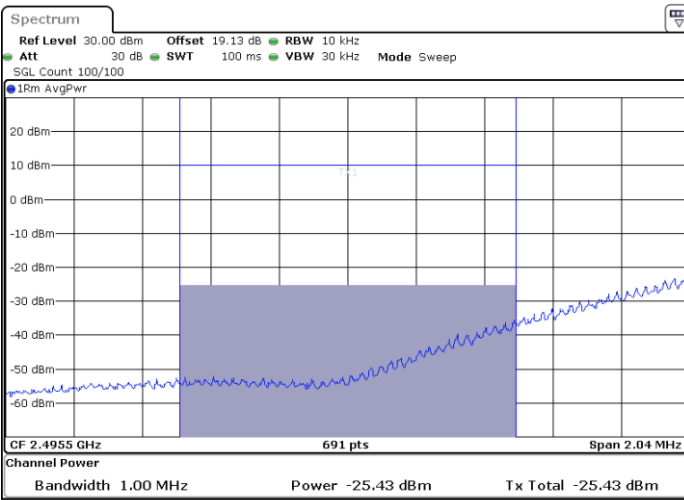


Date: 30.MAR.2021 22:09:15

Date: 30.MAR.2021 20:59:06

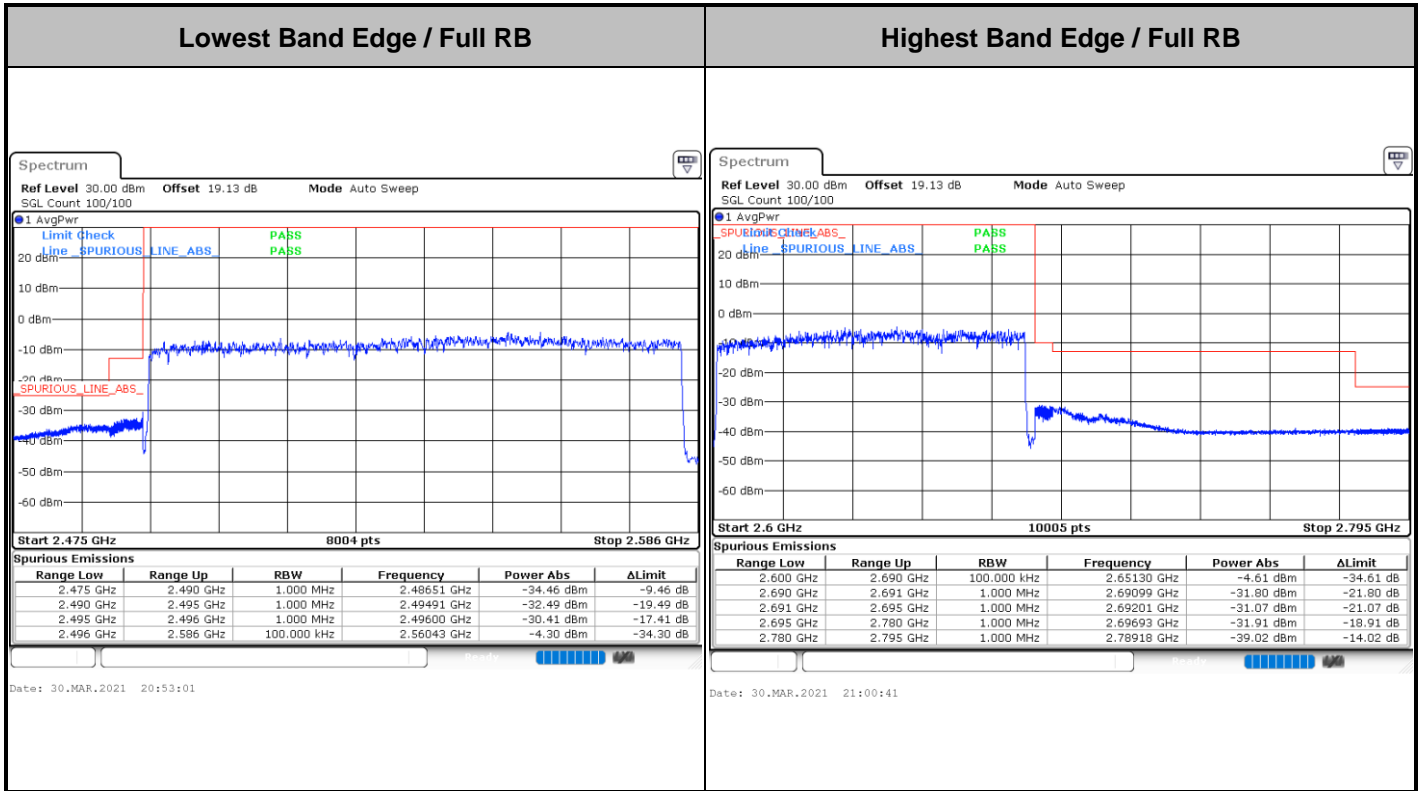
Channel Power -25.43dBm < -13dBm (Pass)

Channel Power -27.09dBm < -13dBm (Pass)



Date: 30.MAR.2021 22:04:56

Date: 30.MAR.2021 21:53:25

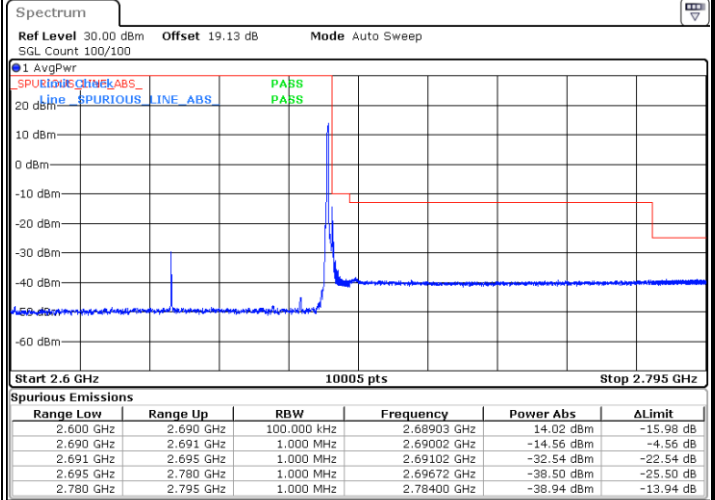
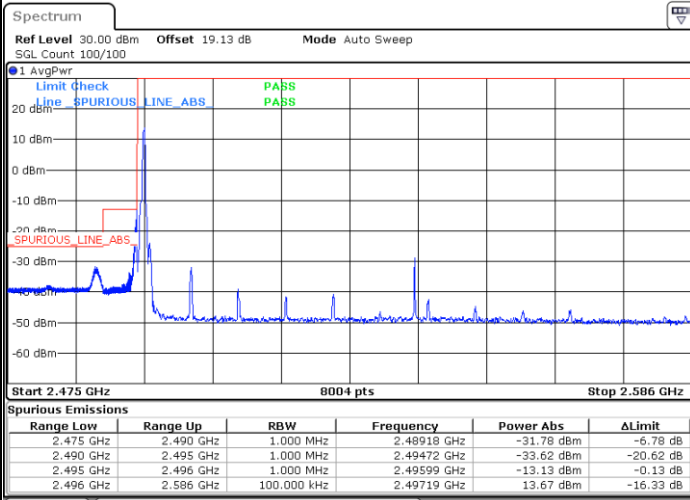




FR1 n41 / 90MHz / DFT-S OFDM / 256QAM

Lowest Band Edge / 1RB0

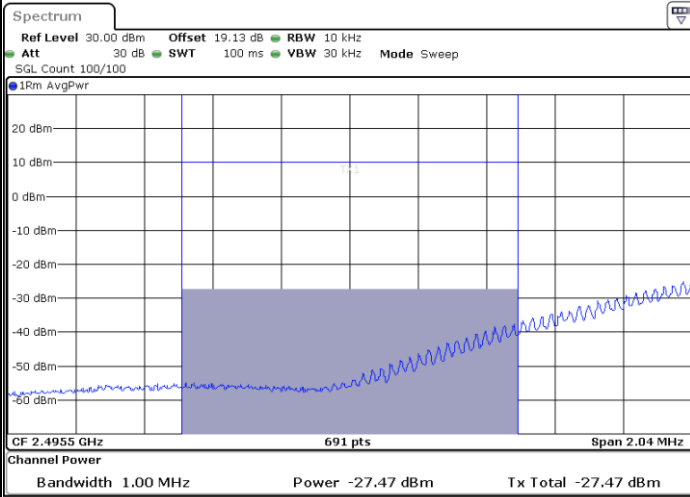
Highest Band Edge / 1RBmax



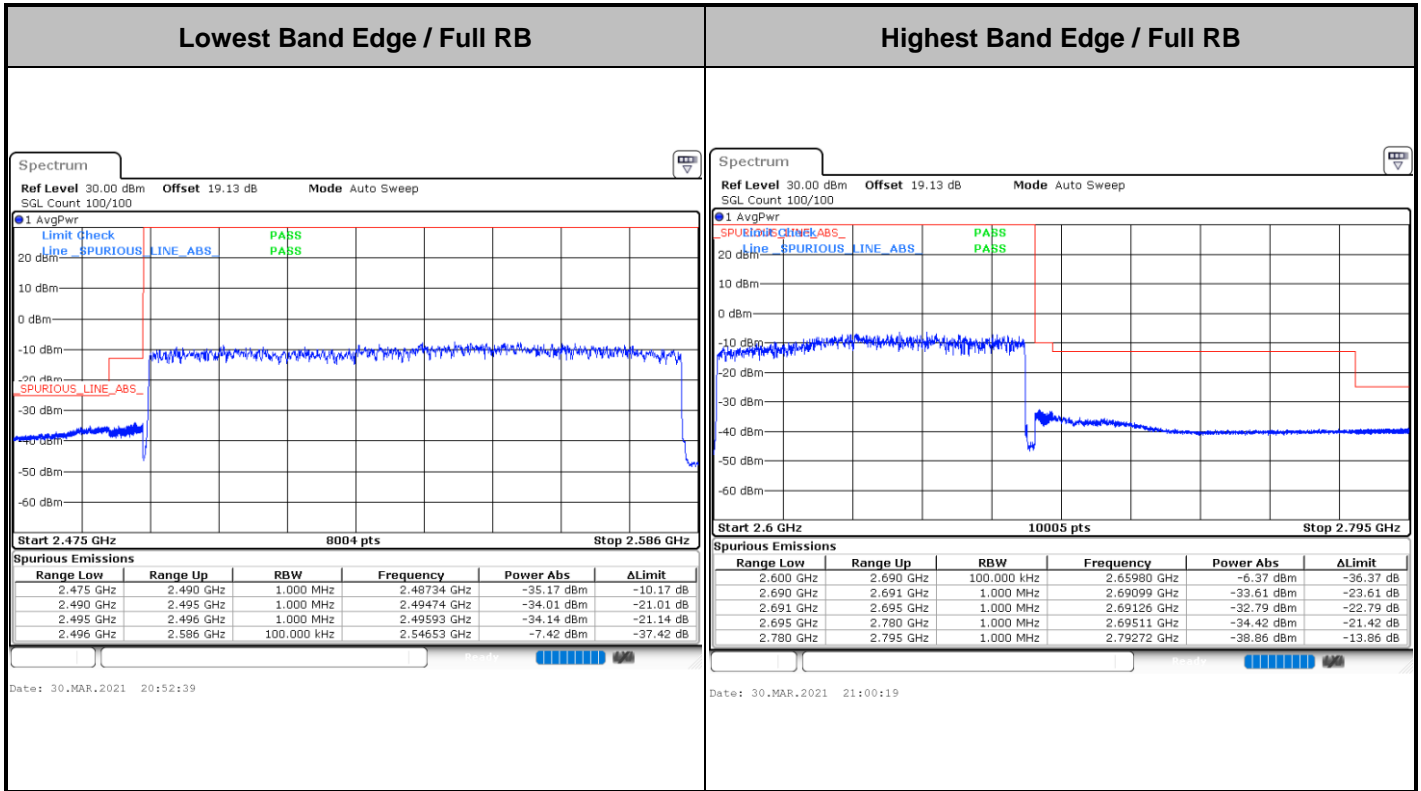
Date: 30.MAR.2021 20:51:09

Date: 30.MAR.2021 20:59:43

Channel Power -27.47dBm < -13dBm (Pass)



Date: 30.MAR.2021 22:07:07

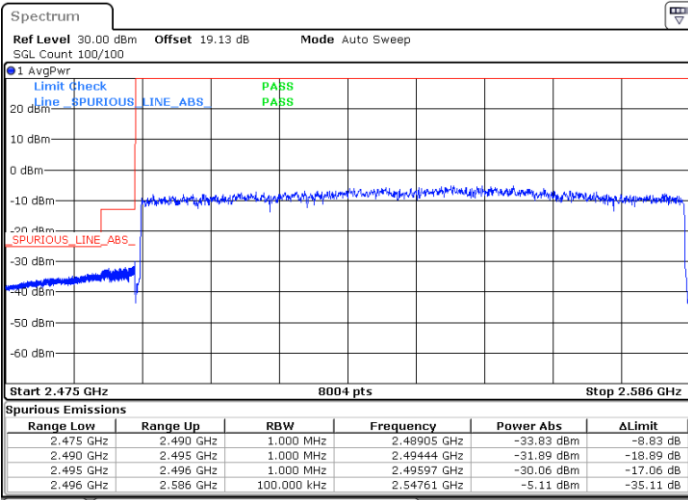




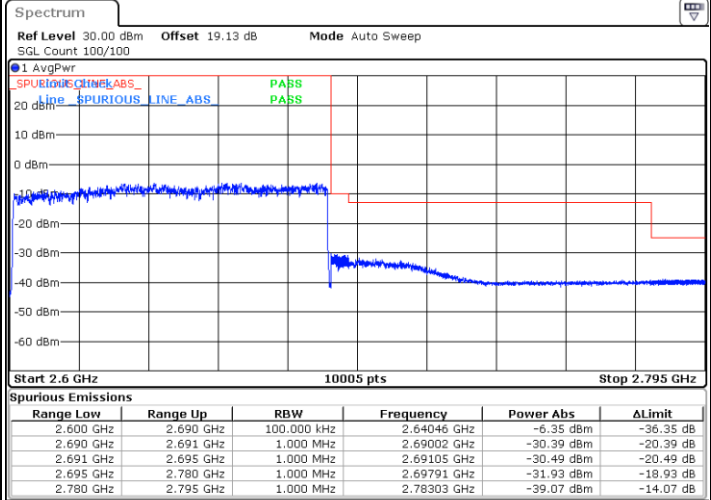
FR1 n41 / 90MHz / CP OFDM / QPSK / Full RB

Lowest Band Edge

Highest Band Edge



Date: 30.MAR.2021 20:55:13



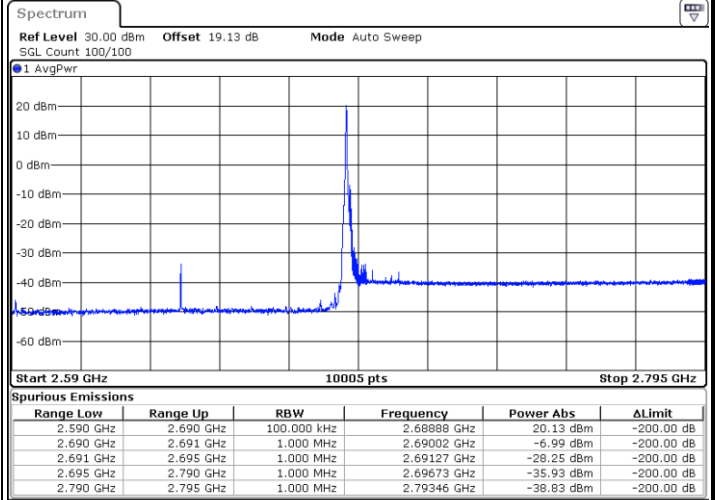
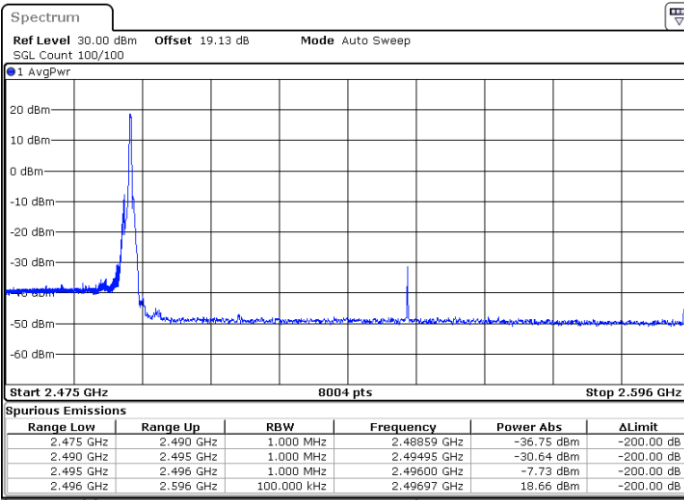
Date: 30.MAR.2021 20:56:04



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

Lowest Band Edge / 1RB0

Highest Band Edge / 1RBmax

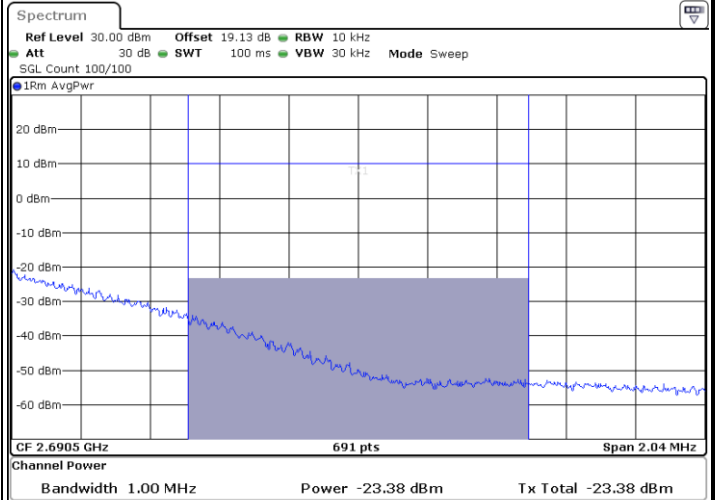
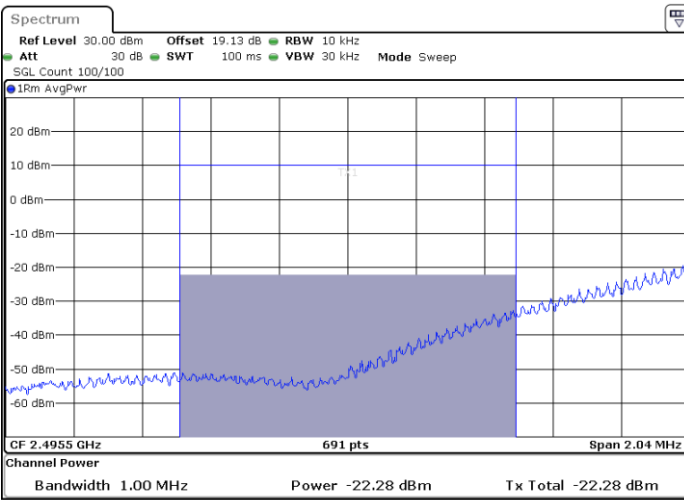


Date: 30.MAR.2021 22:36:07

Date: 30.MAR.2021 22:49:37

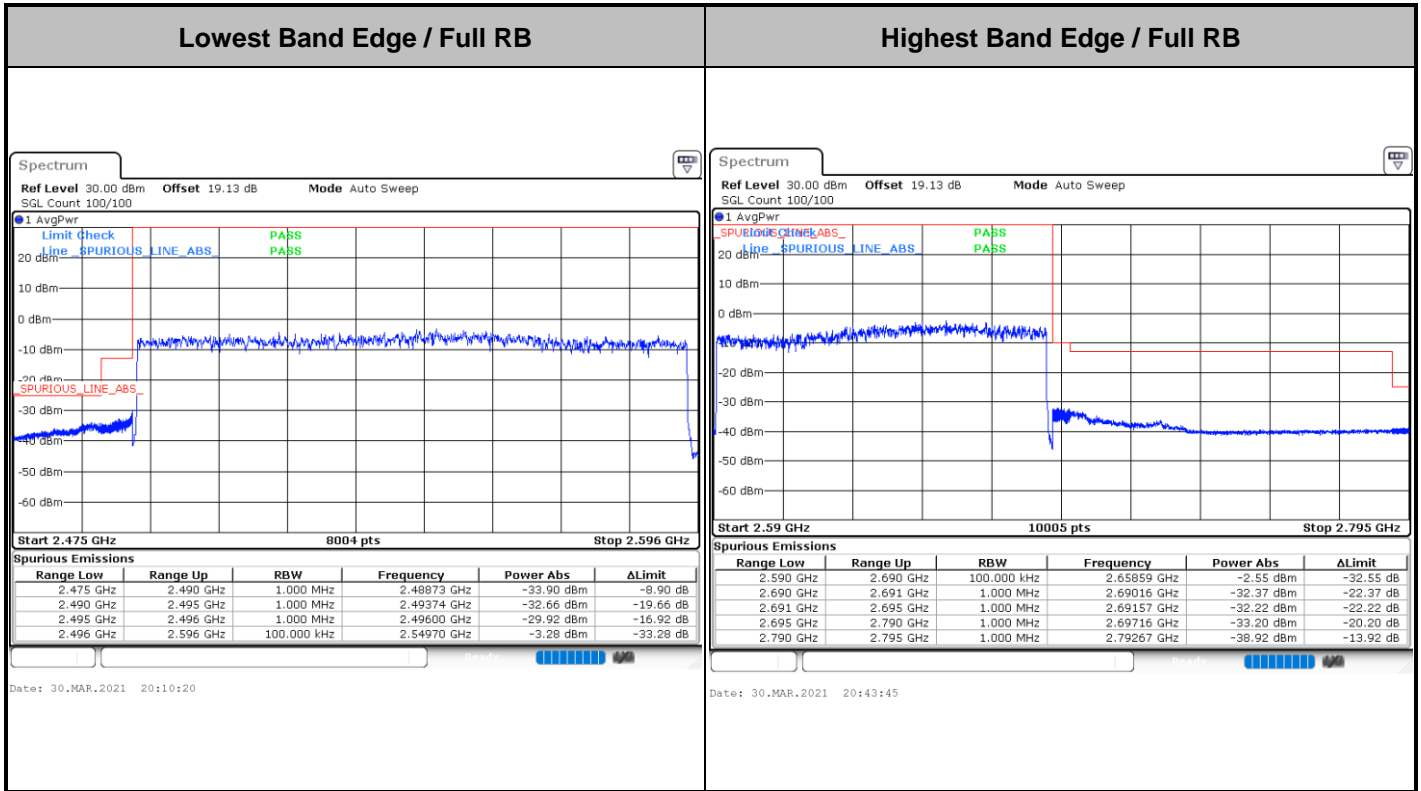
Channel Power -22.28dBm < -13dBm (Pass)

Channel Power -23.38dBm < -13dBm (Pass)



Date: 30.MAR.2021 22:24:10

Date: 30.MAR.2021 22:44:04

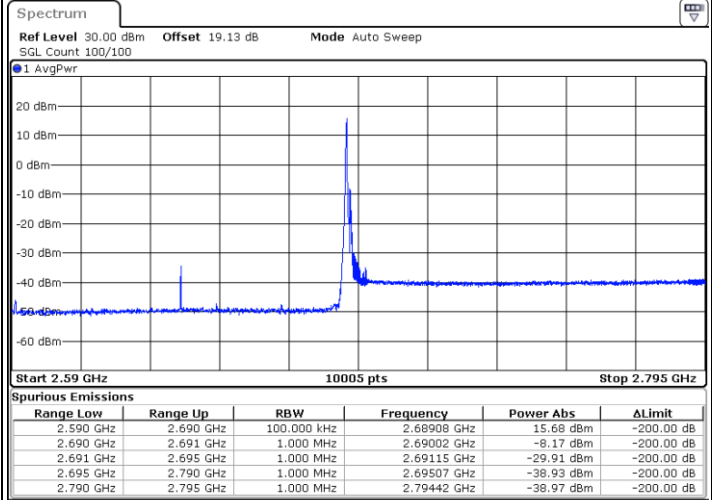
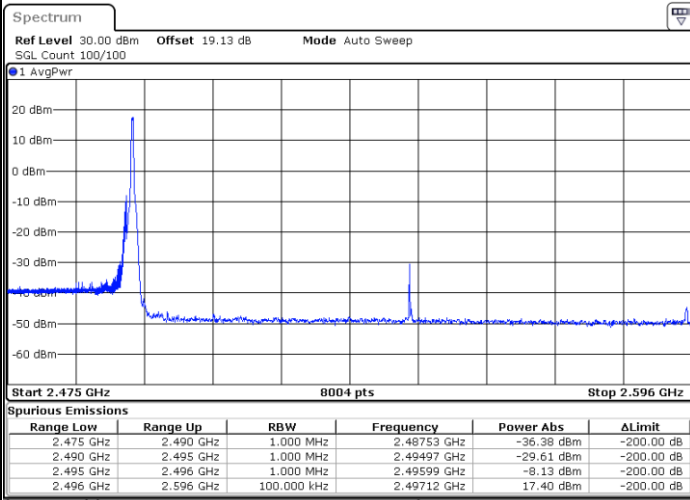




FR1 n41 / 100MHz / DFT-S OFDM / QPSK

Lowest Band Edge / 1RB0

Highest Band Edge / 1RBmax

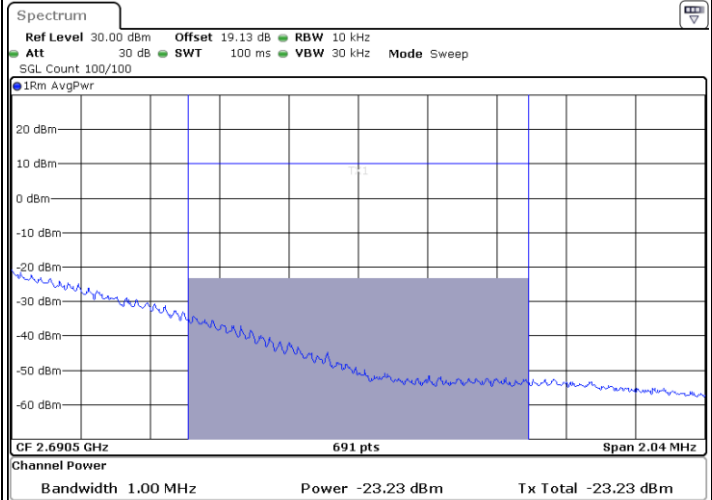
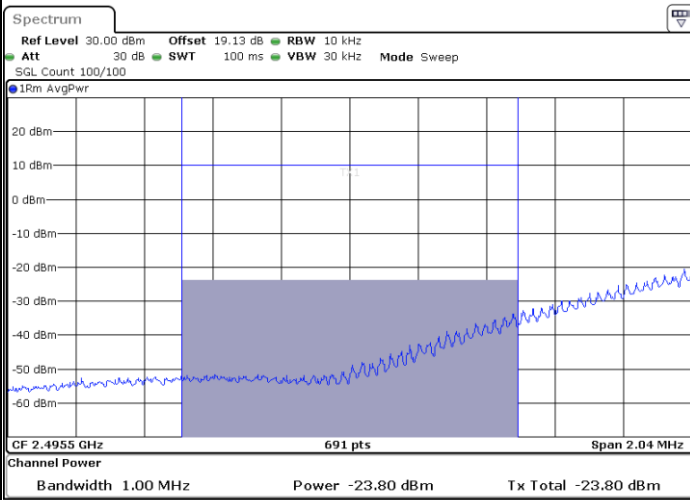


Date: 30.MAR.2021 22:34:42

Date: 30.MAR.2021 22:48:53

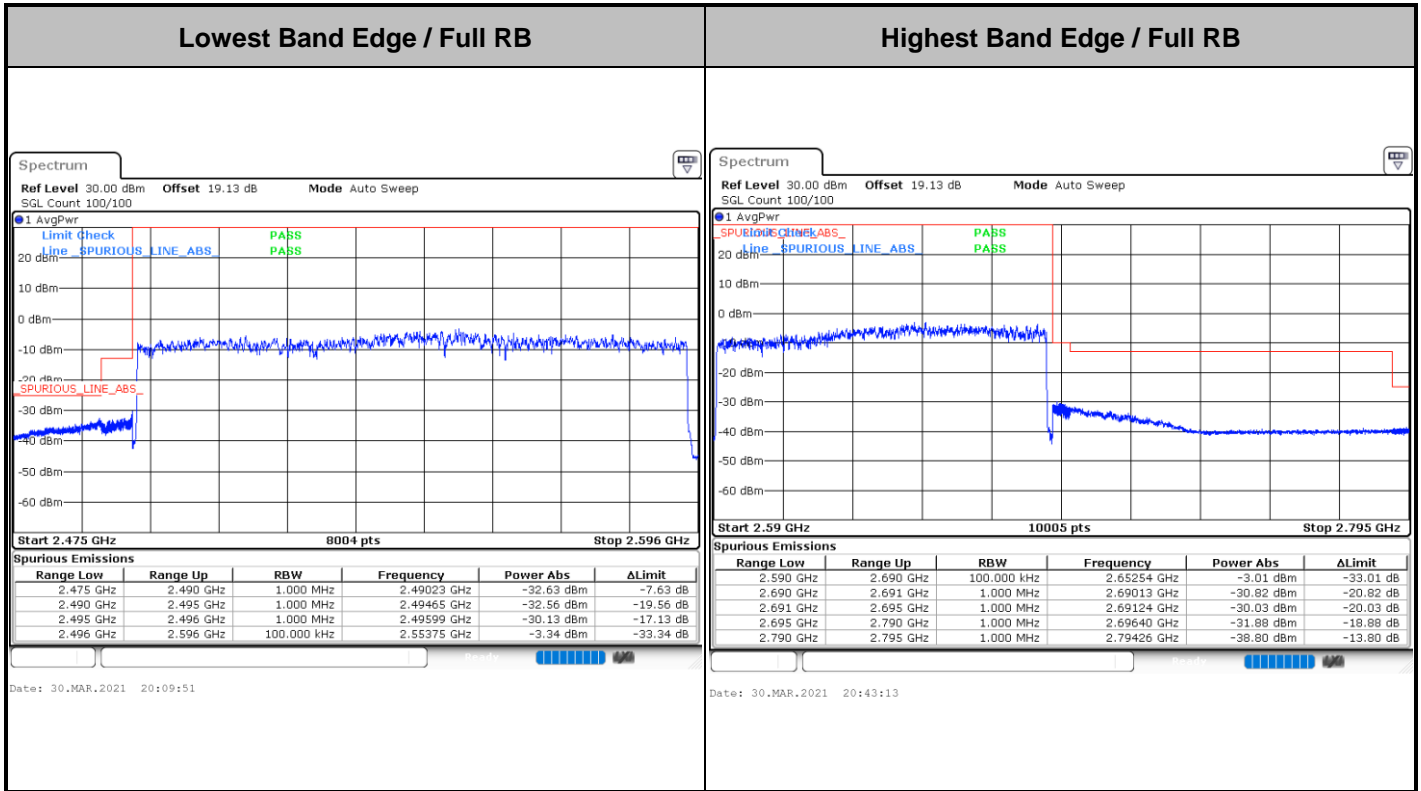
Channel Power -23.80dBm < -13dBm (Pass)

Channel Power -23.23dBm < -13dBm (Pass)



Date: 30.MAR.2021 22:24:59

Date: 30.MAR.2021 22:45:06

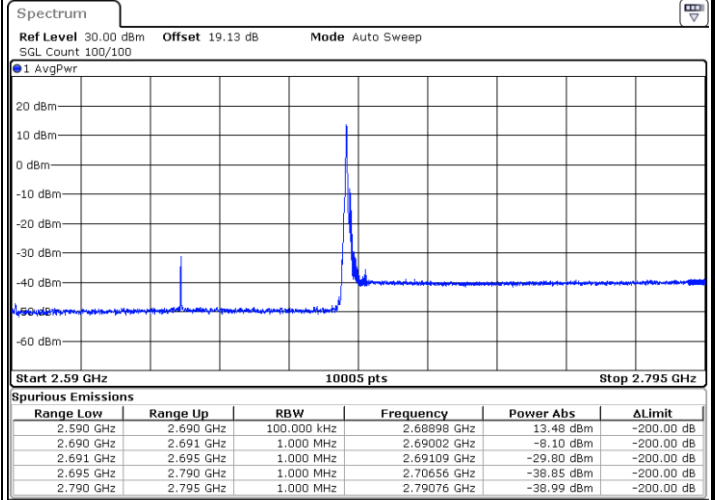
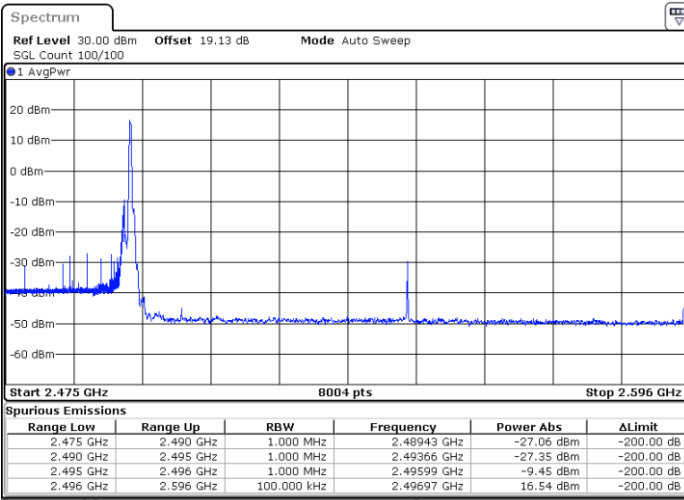




FR1 n41 / 100MHz / DFT-S OFDM / 16QAM

Lowest Band Edge / 1RB0

Highest Band Edge / 1RBmax

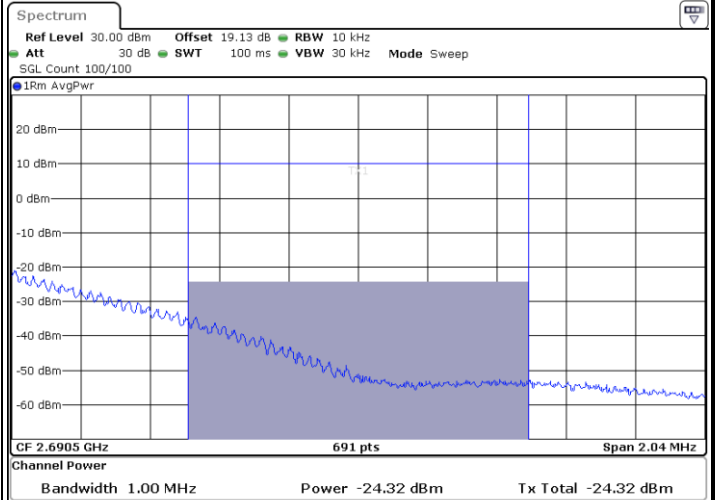
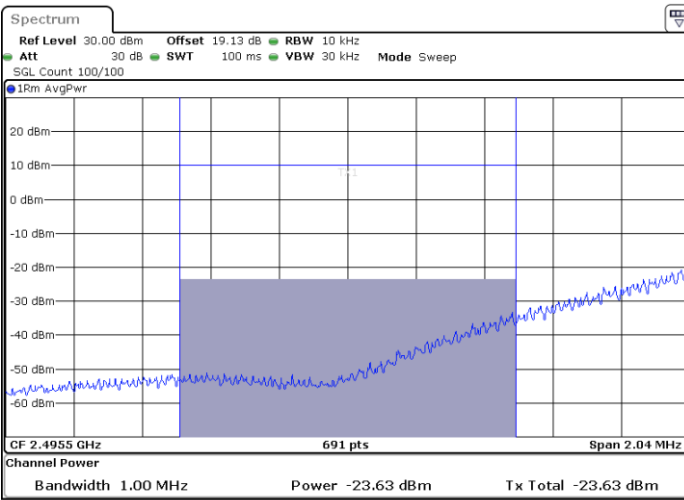


Date: 30.MAR.2021 22:33:58

Date: 30.MAR.2021 22:48:25

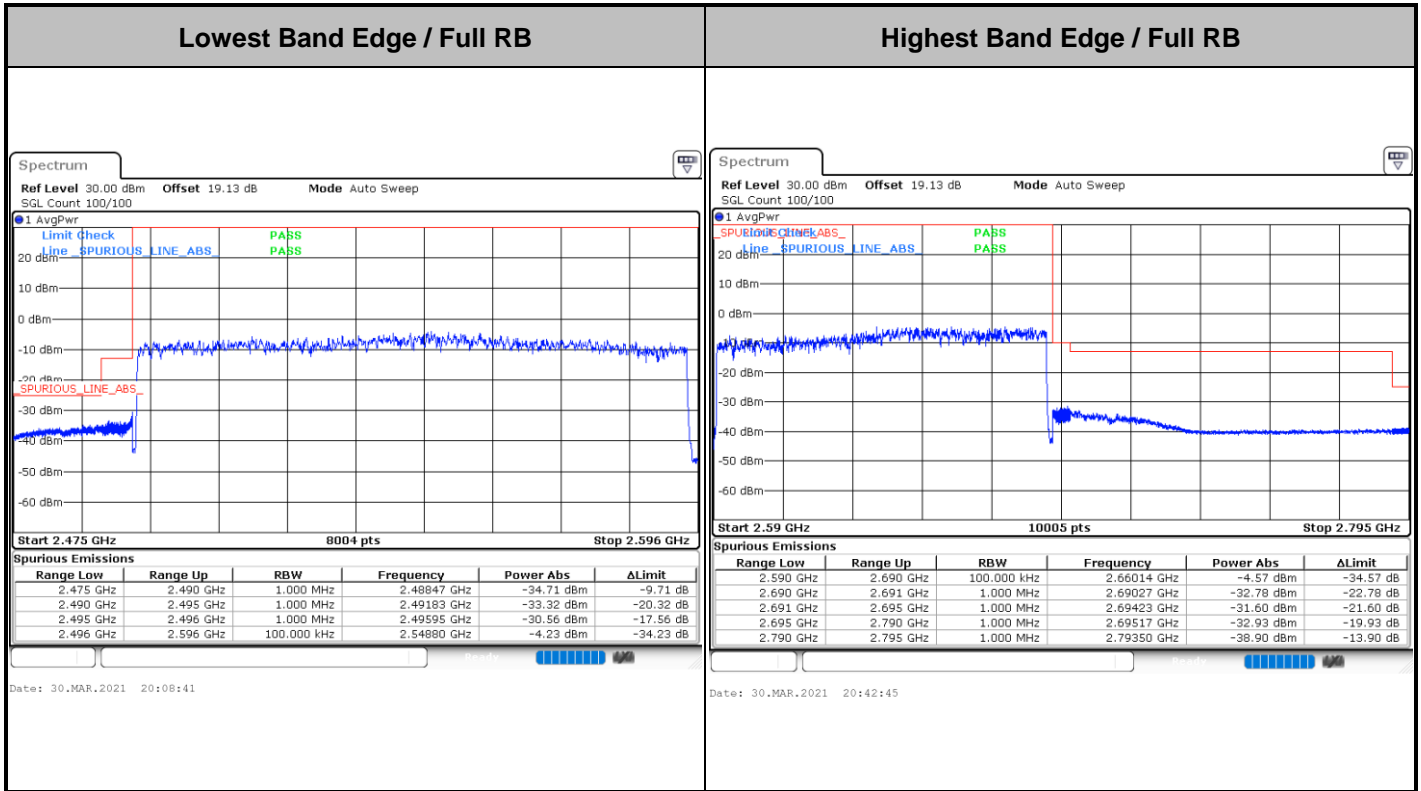
Channel Power -23.63dBm < -13dBm (Pass)

Channel Power -24.32dBm < -13dBm (Pass)



Date: 30.MAR.2021 22:26:24

Date: 30.MAR.2021 22:46:13

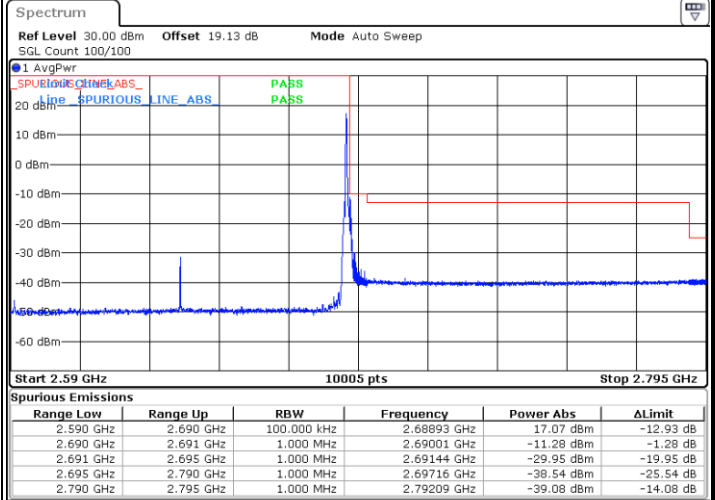
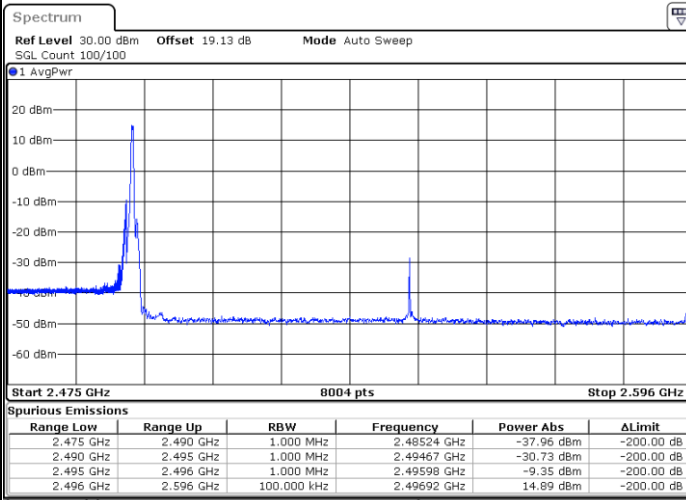




FR1 n41 / 100MHz / DFT-S OFDM / 64QAM

Lowest Band Edge / 1RB0

Highest Band Edge / 1RBmax

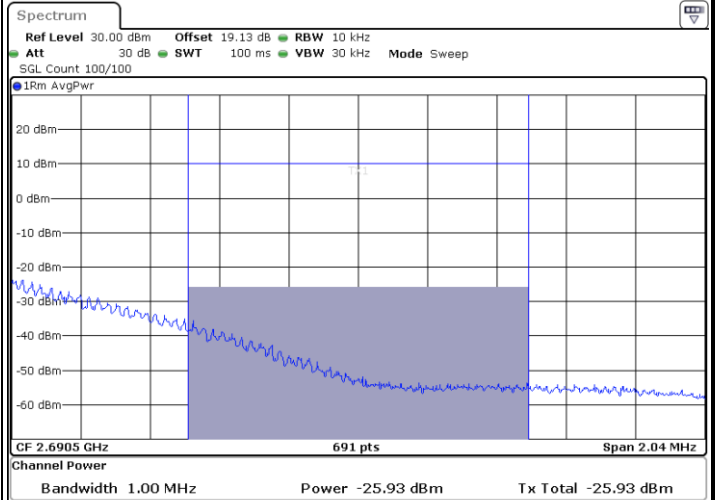
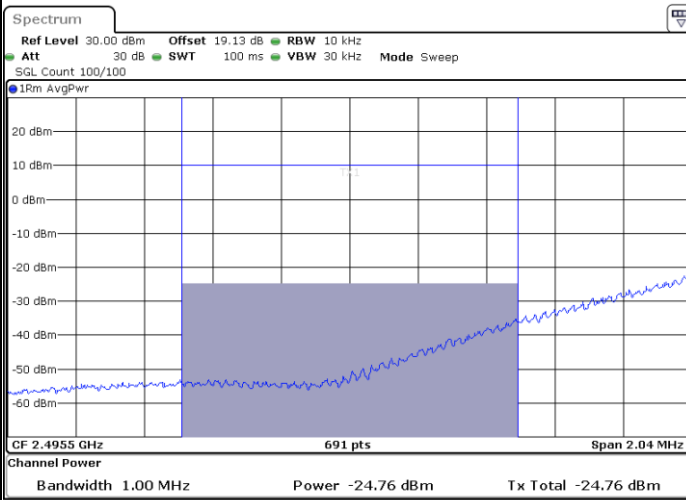


Date: 30.MAR.2021 22:33:09

Date: 30.MAR.2021 20:39:46

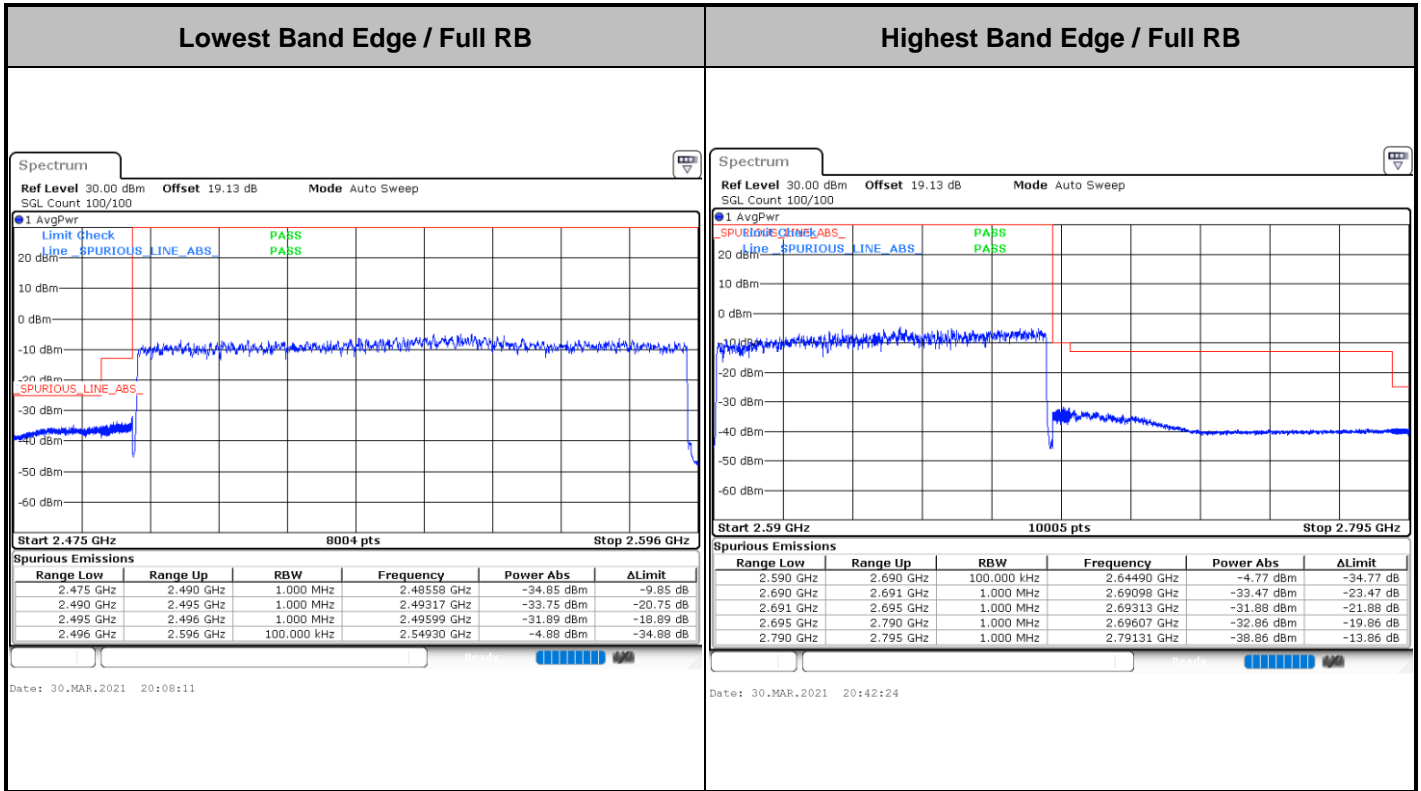
Channel Power -24.76dBm < -13dBm (Pass)

Channel Power -25.93dBm < -13dBm (Pass)



Date: 30.MAR.2021 22:27:37

Date: 30.MAR.2021 22:47:05

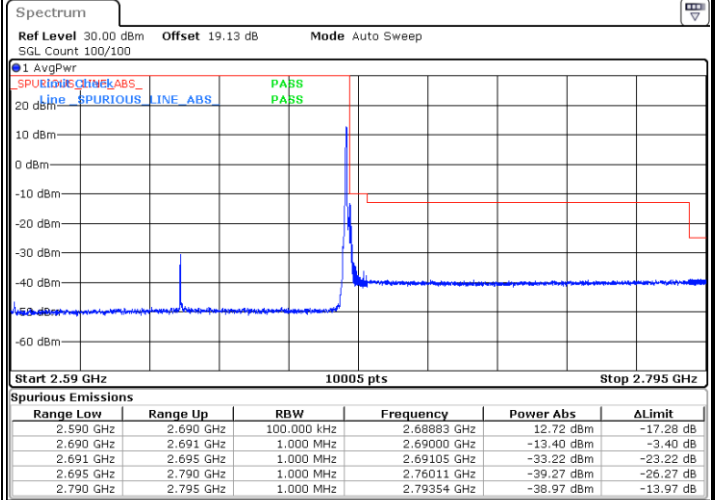
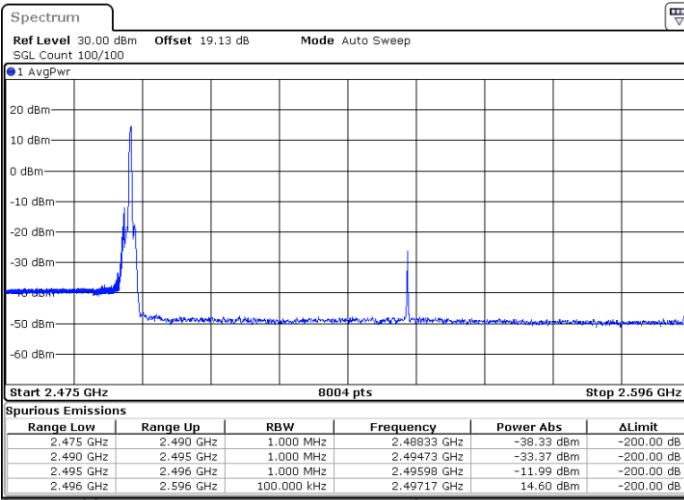




FR1 n41 / 100MHz / DFT-S OFDM / 256QAM

Lowest Band Edge / 1RB0

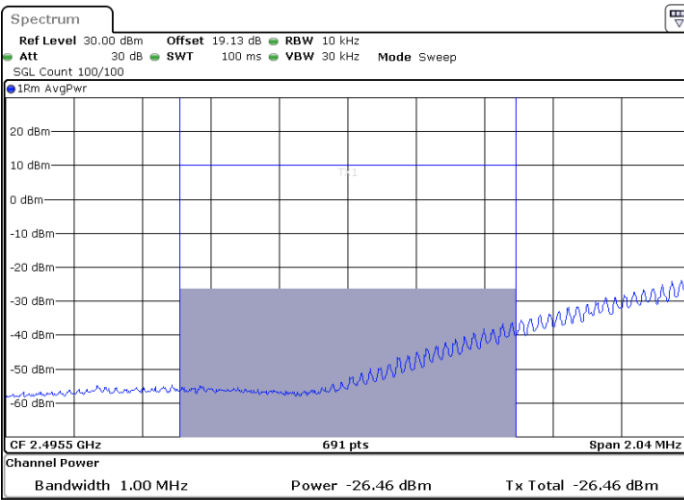
Highest Band Edge / 1RBmax



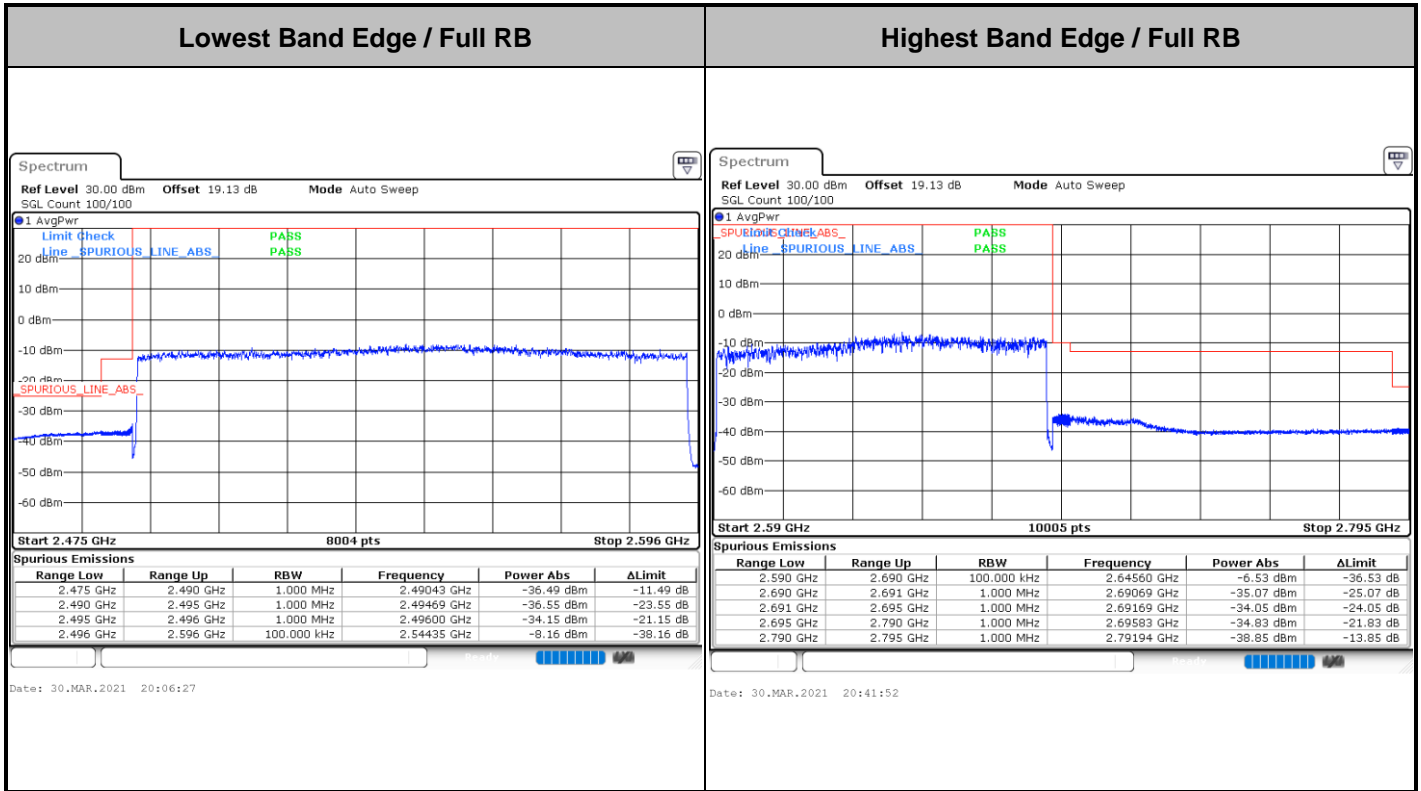
Date: 30.MAR.2021 22:32:30

Date: 30.MAR.2021 20:40:15

Channel Power -26.46dBm < -13dBm (Pass)



Date: 30.MAR.2021 22:29:43

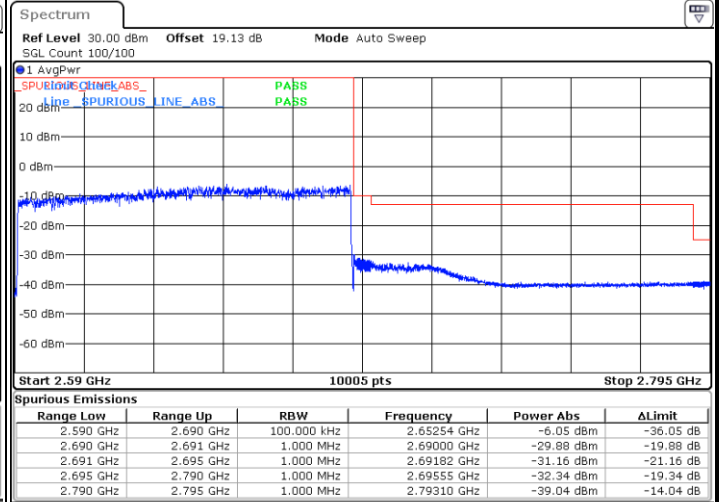
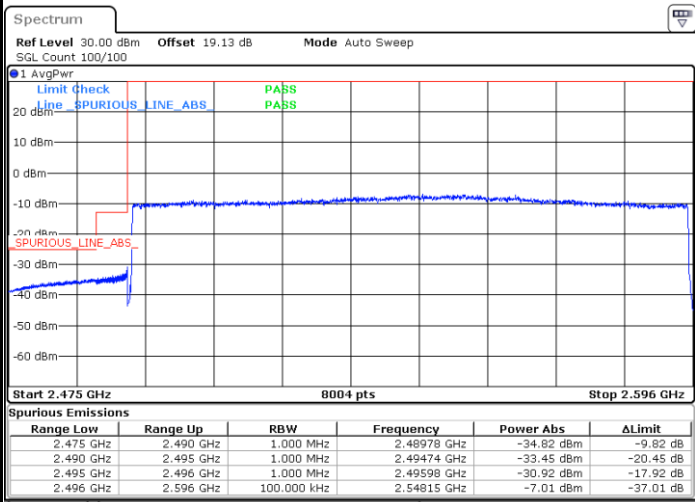




FR1 n41 / 100MHz / CP OFDM / QPSK / Full RB

Lowest Band Edge

Highest Band Edge

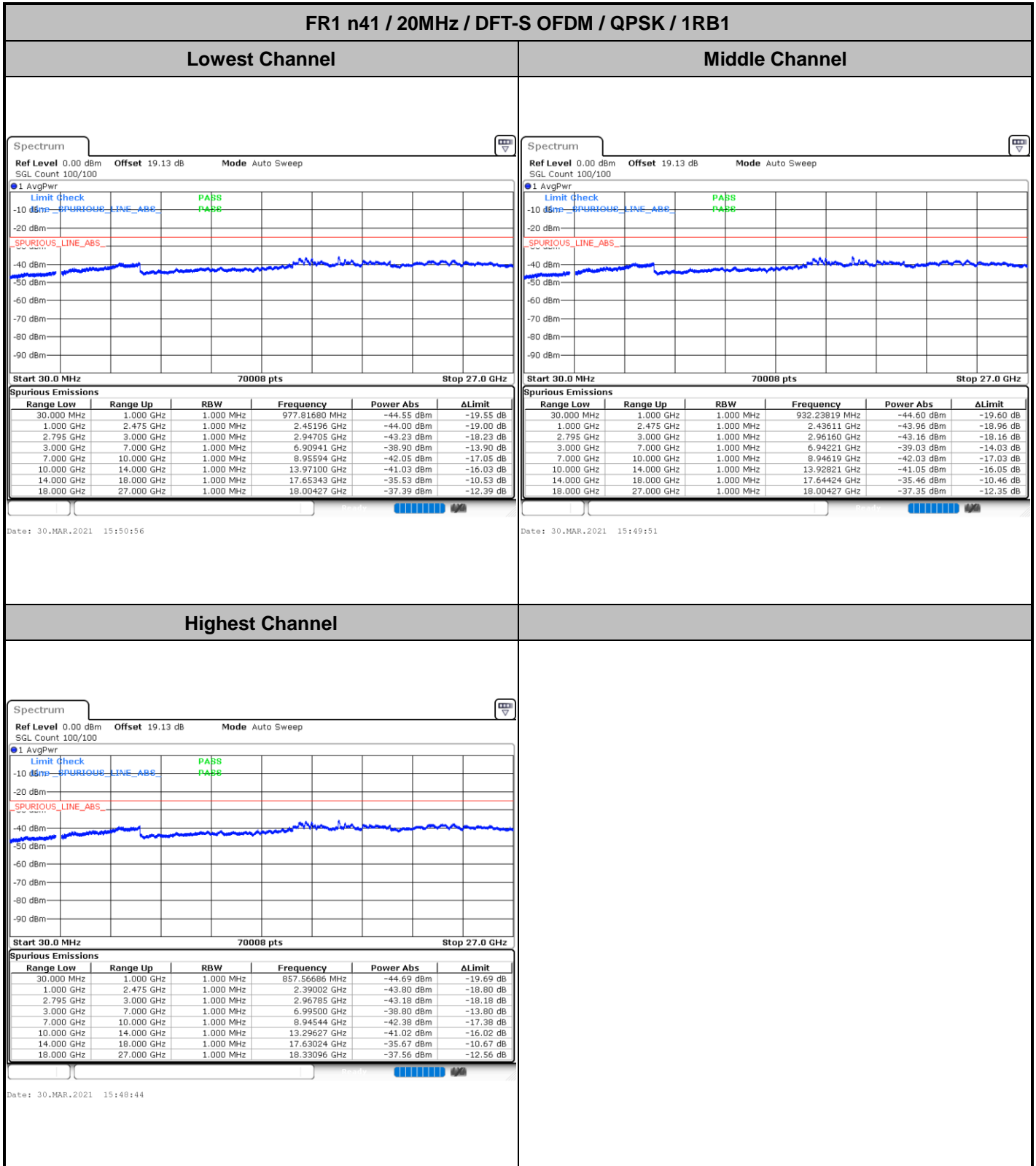


Date: 30.MAR.2021 20:11:38

Date: 30.MAR.2021 20:14:28



Conducted Spurious Emission





Frequency Stability

Test Conditions		FR1 n41 (BPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 20MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0003	PASS
40	Normal Voltage	0.0005	
30	Normal Voltage	0.0005	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0002	
0	Normal Voltage	0.0028	
-10	Normal Voltage	0.0015	
-20	Normal Voltage	0.0025	
-30	Normal Voltage	0.0034	
20	Maximum Voltage	0.0006	
20	Normal Voltage	0.0024	
20	Battery End Point	0.0017	

Note:

1. Normal Voltage =3.87 V. ; Battery End Point (BEP) =3.67 V. ; Maximum Voltage =4.26 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



FR1 n66

<Main>

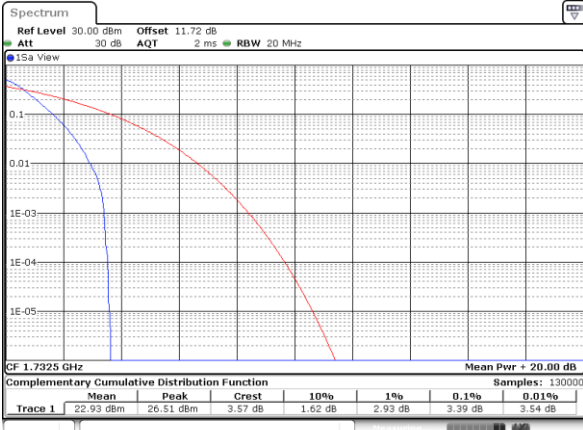
Peak-to-Average Ratio

Mode	FR1 n66 / 20MHz / 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	3.39	4.23	5.42	5.80	PASS
Mode	FR1 n66 / 20MHz / DFT-S OFDM				
Mod.	256QAM				Limit: 13dB
RB Size	Full RB				Result
Middle CH	6.49				PASS



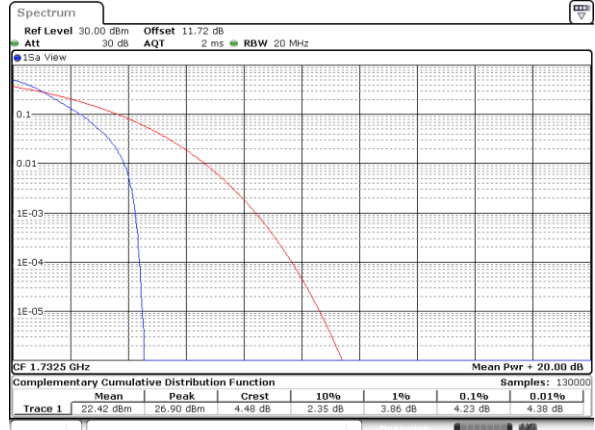
FR1 n66 / 20MHz / DFT-S OFDM / Middle Channel / Full RB

PI/2 BPSK



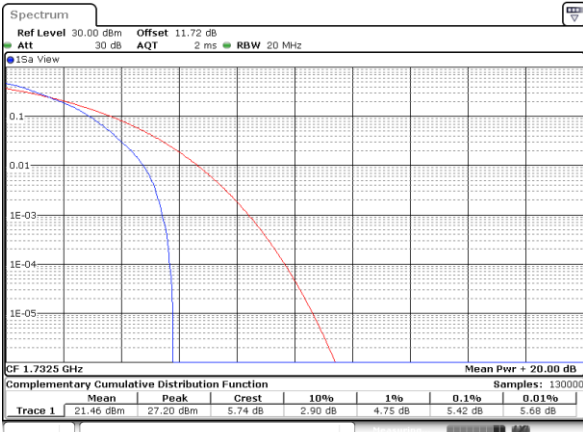
Date: 29.MAR.2021 18:39:48

QPSK



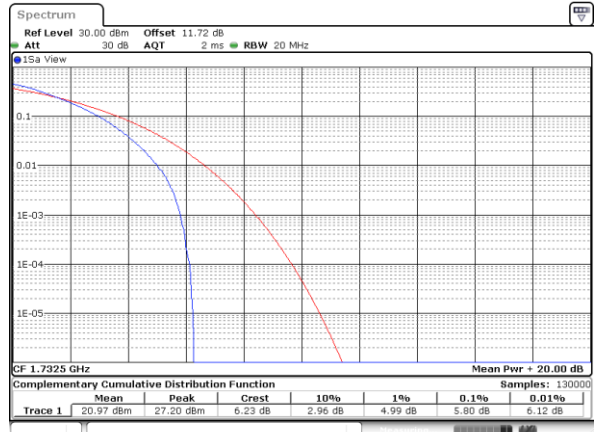
Date: 29.MAR.2021 18:39:58

16QAM



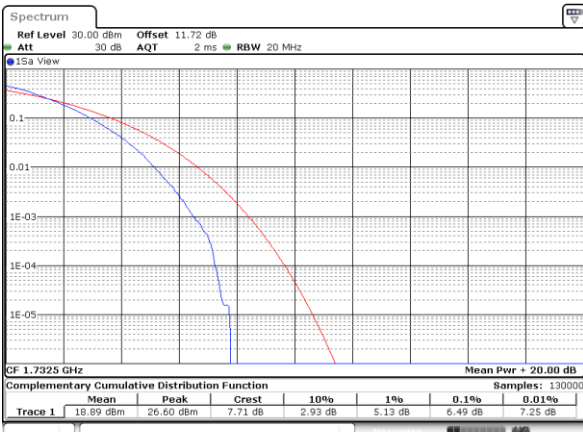
Date: 29.MAR.2021 18:40:07

64QAM



Date: 29.MAR.2021 18:40:15

256QAM



Date: 29.MAR.2021 18:40:28



26dB Bandwidth

Mode	FR1 n66 : 26dB BW(MHz) / DFT-S OFDM							
BW	5MHz		10MHz		15MHz		20MHz	
Mod.	PI/2 BPSK		PI/2 BPSK		PI/2 BPSK		PI/2 BPSK	
Middle CH	4.97		9.49		14.15		18.74	

Mode	FR1 n66 : 26dB BW(MHz) / CP OFDM							
BW	5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	4.93	4.93	9.83	9.77	15.05	14.99	19.86	19.74
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Middle CH	4.89	4.85	9.95	9.89	14.90	15.02	19.82	19.82