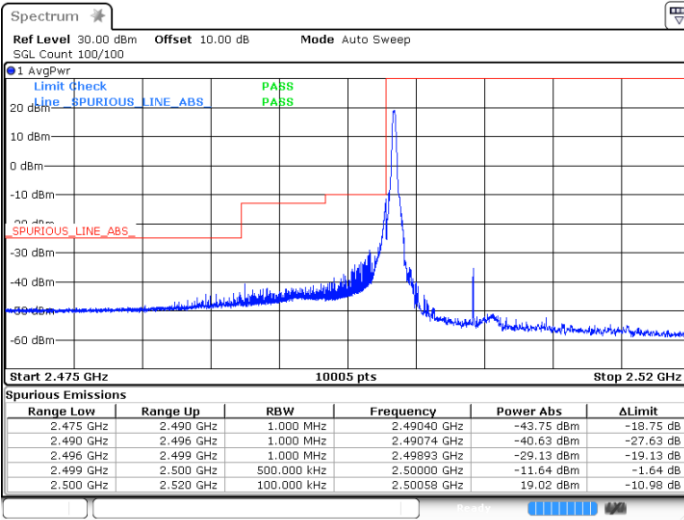




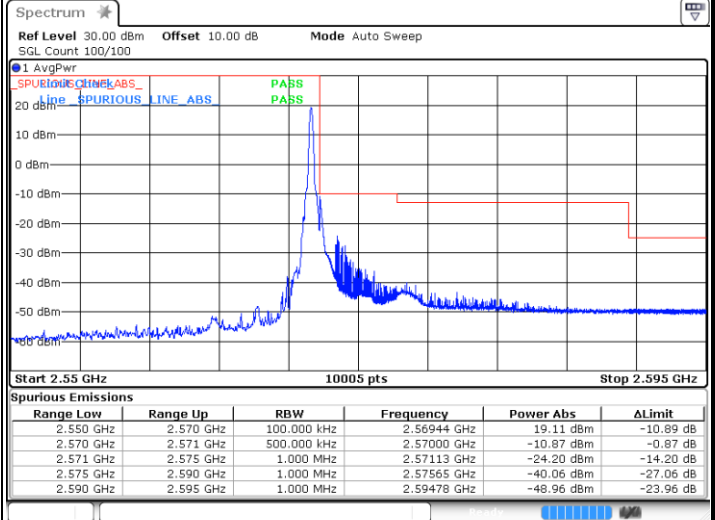
FR1 n7 / 20MHz / DFT-s-OFDM / 64QAM

Lowest Band Edge / 1RB0

Highest Band Edge / 1RBMAX

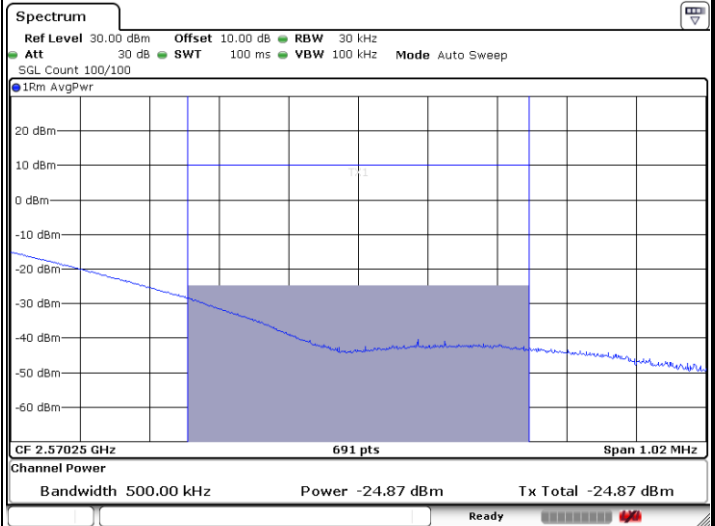


Date: 2 JAN 2021 10:54:03

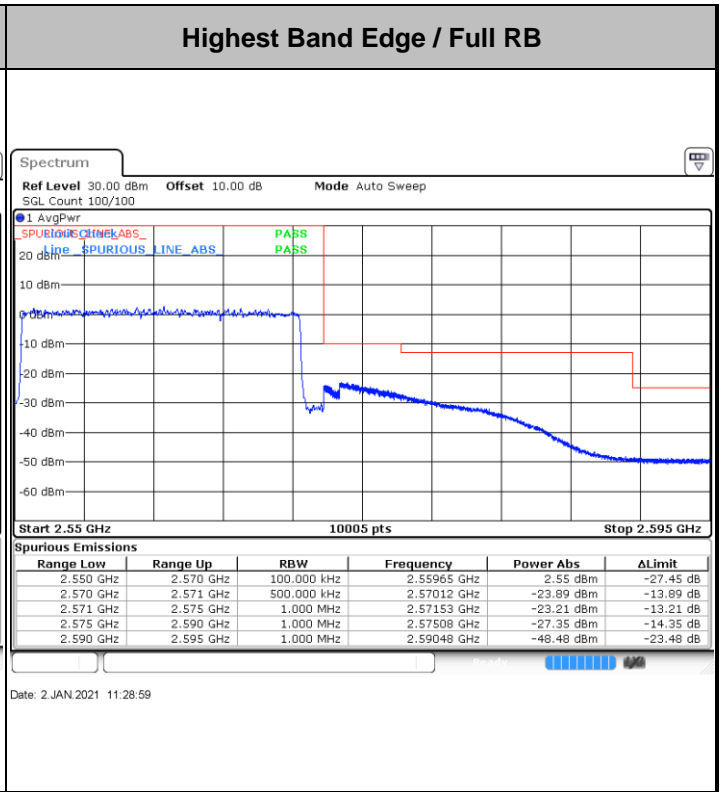
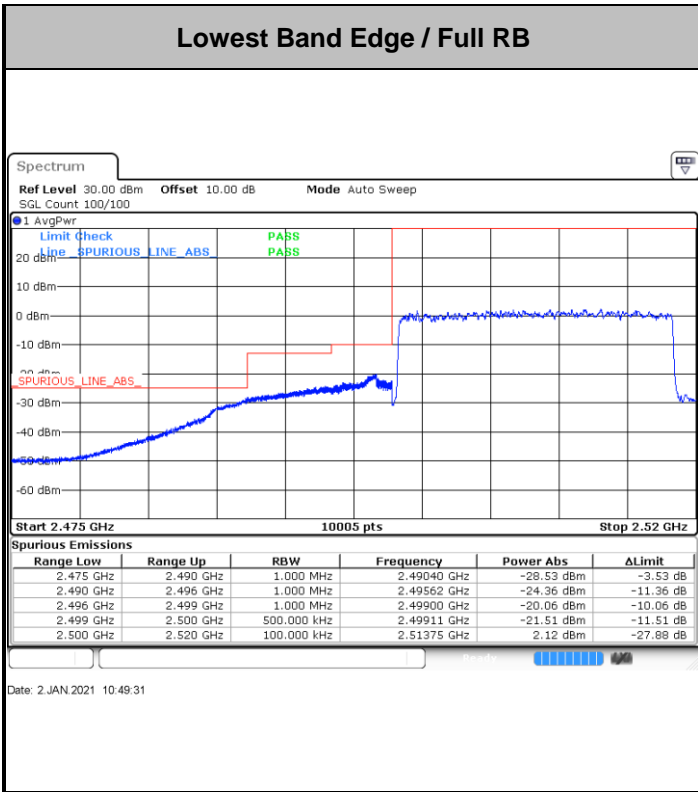


Date: 2 JAN 2021 12:47:42

Channel Power < -10dBm



Date: 14 JAN 2021 09:33:22

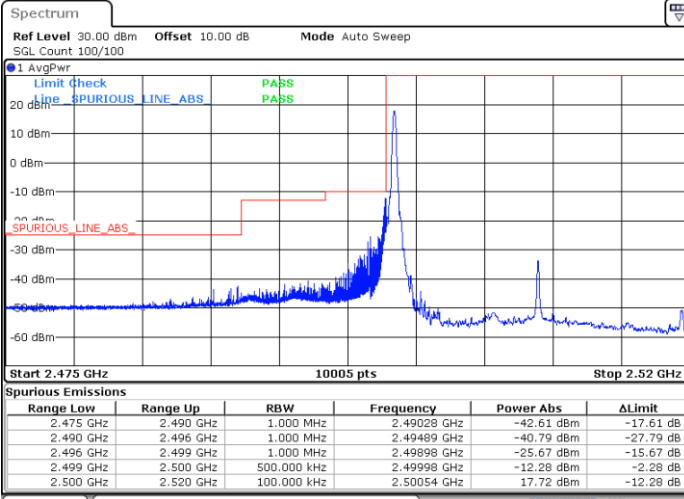




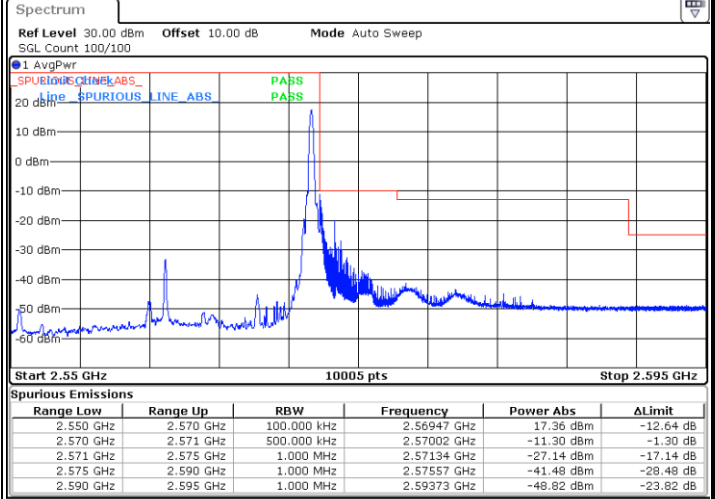
FR1 n7 / 20MHz / DFT-s-OFDM / 256QAM

Lowest Band Edge / 1RB0

Highest Band Edge / 1RBMAX



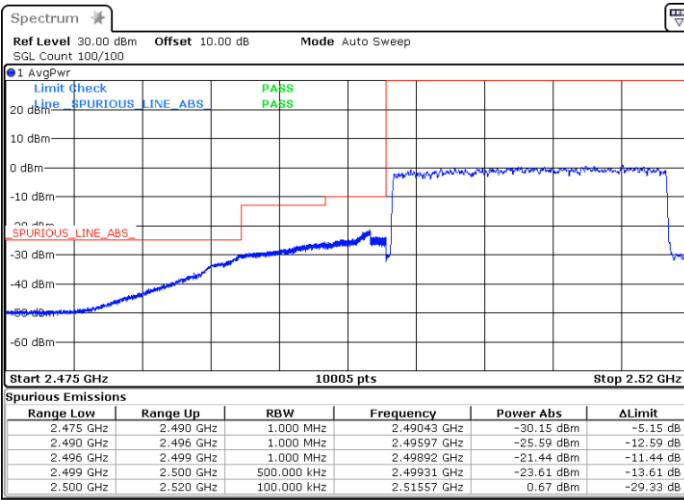
Date: 2 JAN 2021 10:52:55



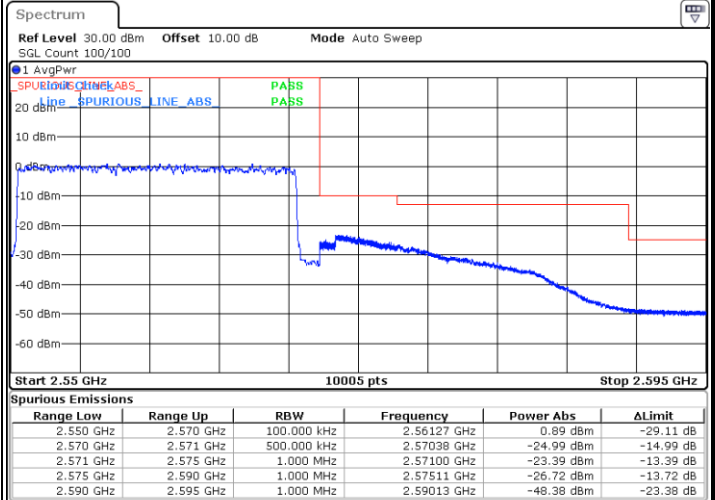
Date: 2 JAN 2021 11:59:32

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 2 JAN 2021 10:52:29



Date: 2 JAN 2021 11:58:58

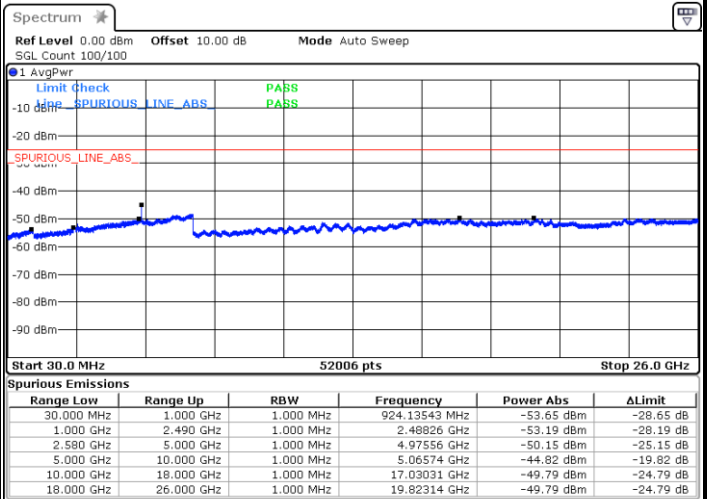
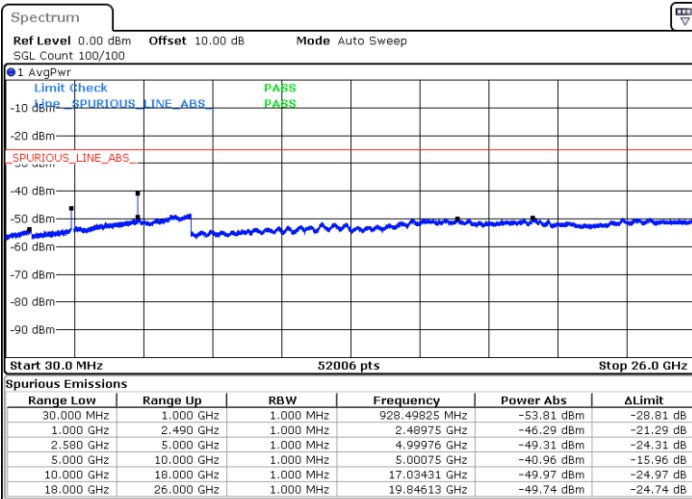


# Conducted Spurious Emission

FR1 n7 / 5MHz / DFT-S OFDM / QPSK

Lowest Channel / 1RB1

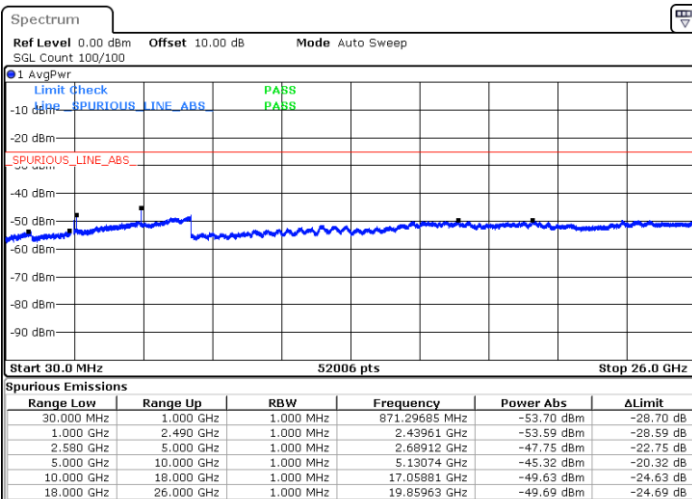
Middle Channel / 1RB1



Date: 1.JAN 2021 15:23:16

Date: 1.JAN 2021 15:26:46

Highest Channel / 1RB1



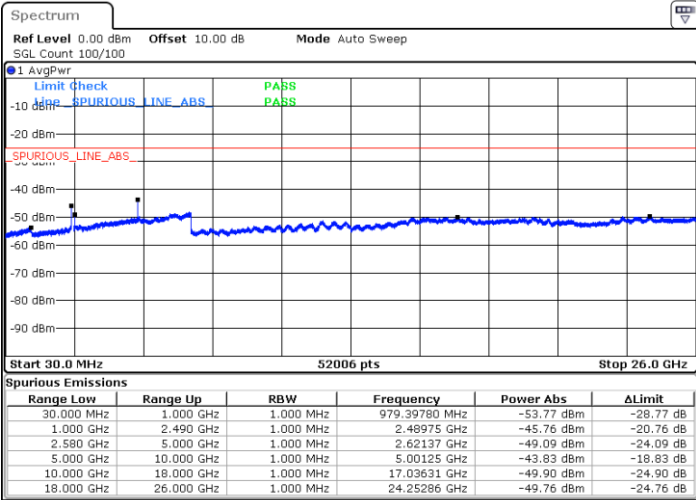
Date: 1.JAN 2021 15:29:20



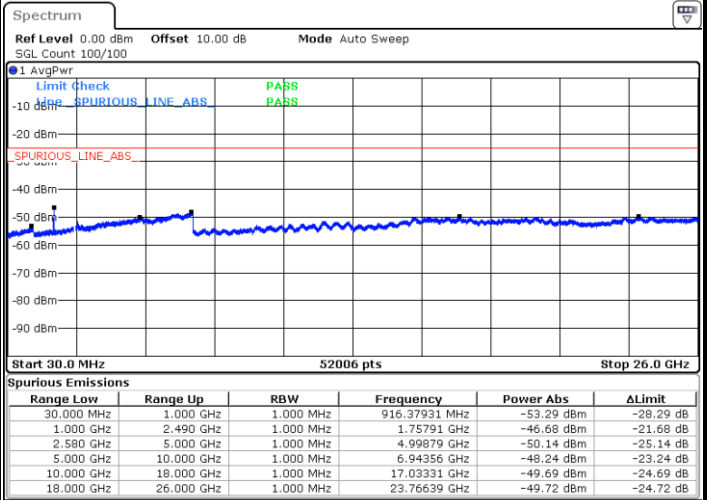
FR1 n7 / 10MHz / DFT-S OFDM / QPSK

Lowest Channel / 1RB1

Middle Channel / 1RB1

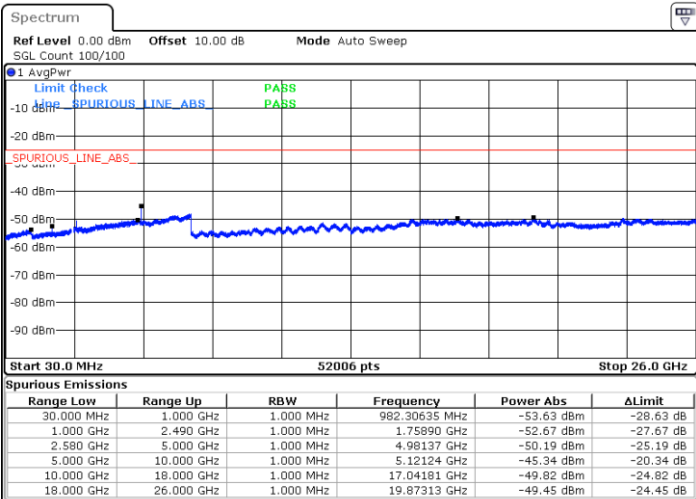


Date: 1.JAN 2021 15:56:01



Date: 1.JAN 2021 15:59:52

Highest Channel / 1RB1



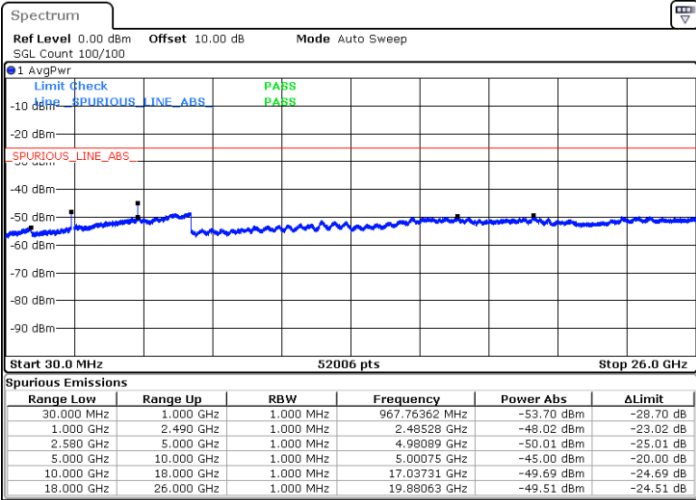
Date: 1.JAN 2021 16:03:19



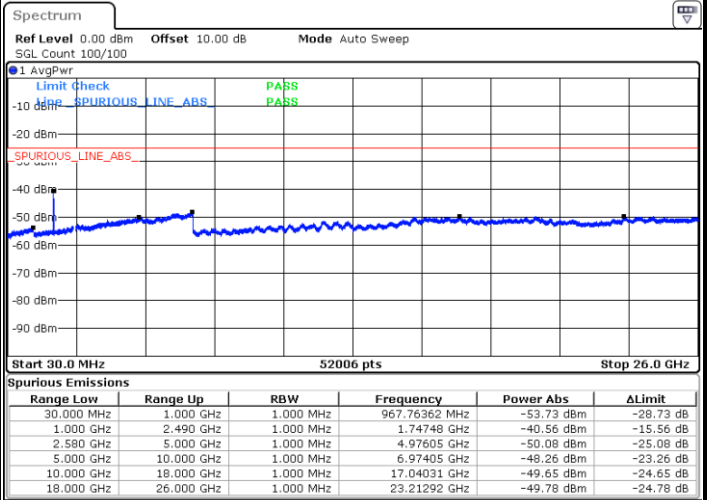
FR1 n7 / 15MHz / DFT-S OFDM / QPSK

Lowest Channel / 1RB1

Middle Channel / 1RB1

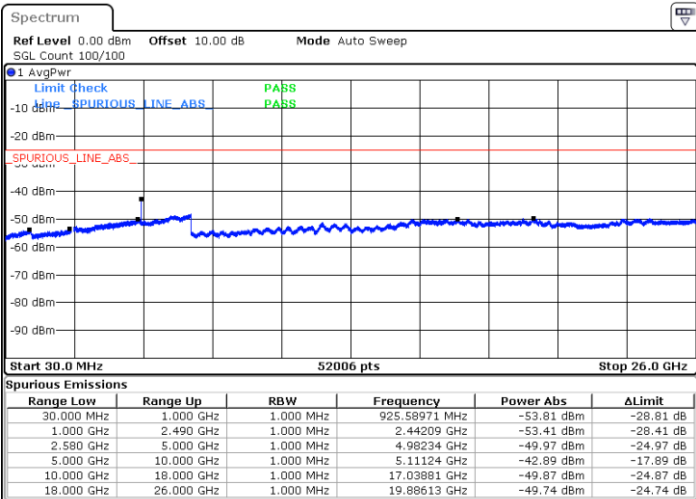


Date: 1.JAN 2021 16:49:19



Date: 1.JAN 2021 16:31:58

Highest Channel / 1RB1



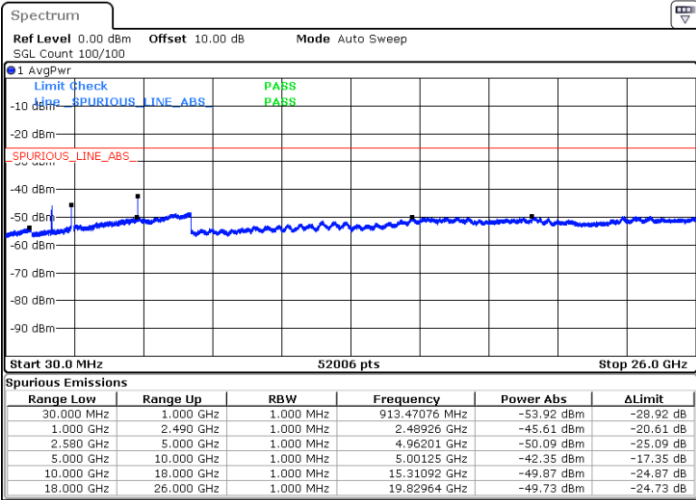
Date: 1.JAN 2021 16:34:05



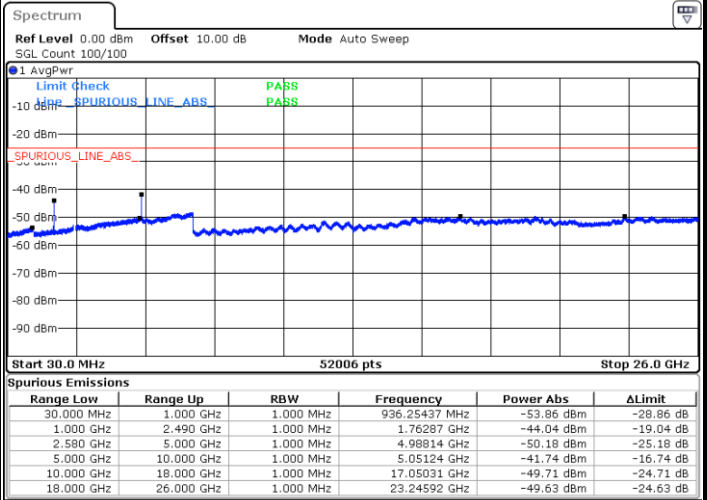
FR1 n7 / 20MHz / DFT-S OFDM / QPSK

Lowest Channel / 1RB1

Middle Channel / 1RB1

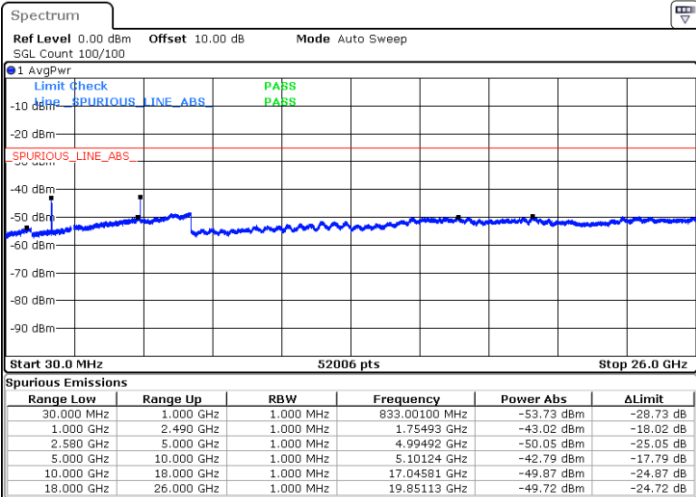


Date: 2 JAN 2021 11:20:13



Date: 2 JAN 2021 13:07:44

Highest Channel / 1RB1



Date: 2 JAN 2021 11:26:56



### Frequency Stability

Test Conditions		FR1 n7 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 20MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0006	PASS
40	Normal Voltage	0.0005	
30	Normal Voltage	0.0006	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0015	
0	Normal Voltage	0.0016	
-10	Normal Voltage	0.0009	
-20	Normal Voltage	0.0005	
-30	Normal Voltage	0.0025	
20	Maximum Voltage	0.0008	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0025	

**Note:**

1. Normal Voltage =3.87 V. ; Battery End Point (BEP) =3.4 V. ; Maximum Voltage =4.48 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



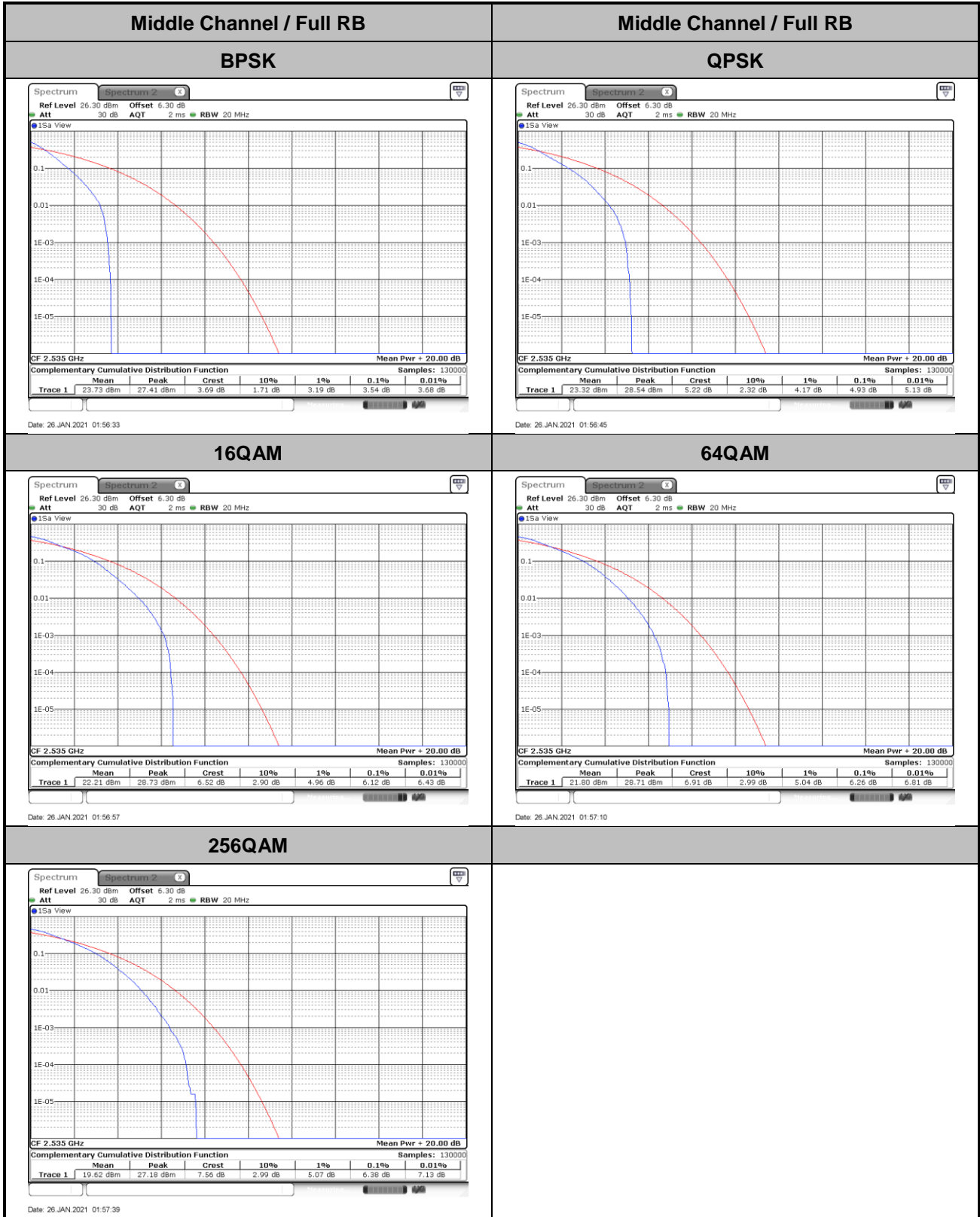


# EN-DC\_66A\_n7A

## FR1 n7

### Peak-to-Average Ratio

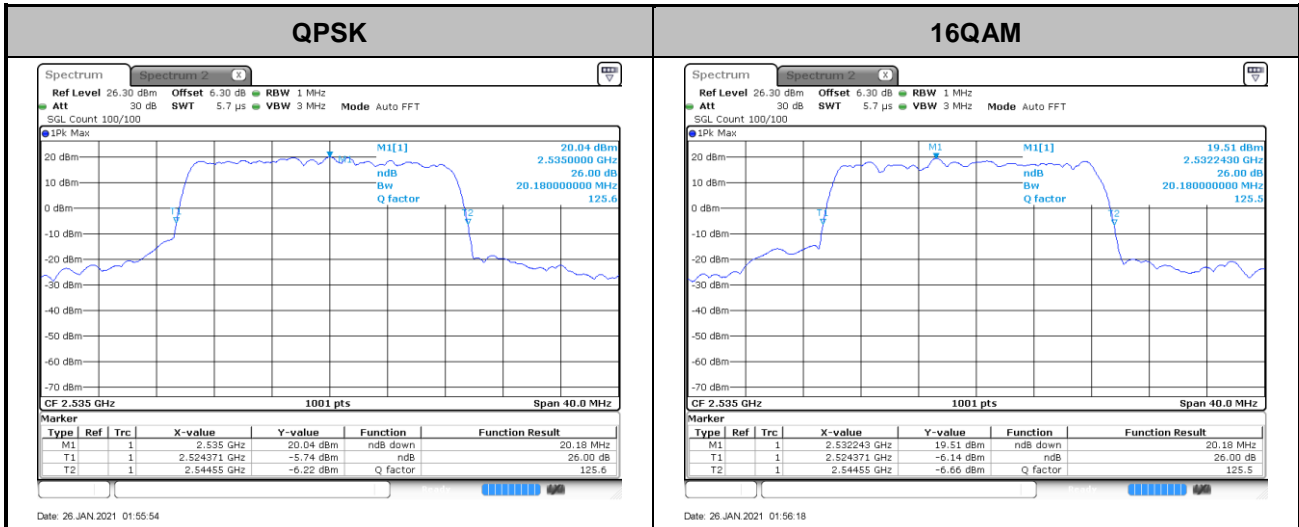
Mode	FR1 n7 / 20MHz / DFT-S OFDM				
Mod.	PI/2 BPSK	QPSK	16QAM	64QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Full RB	Result
					PASS
Middle CH	3.54	4.93	6.12	6.26	
Mode	FR1 n7 / 20MHz / DFT-S OFDM				
Mod.	256QAM				Limit: 13dB
RB Size	Full RB				Result
					PASS
Middle CH	6.38				





**26dB Bandwidth**

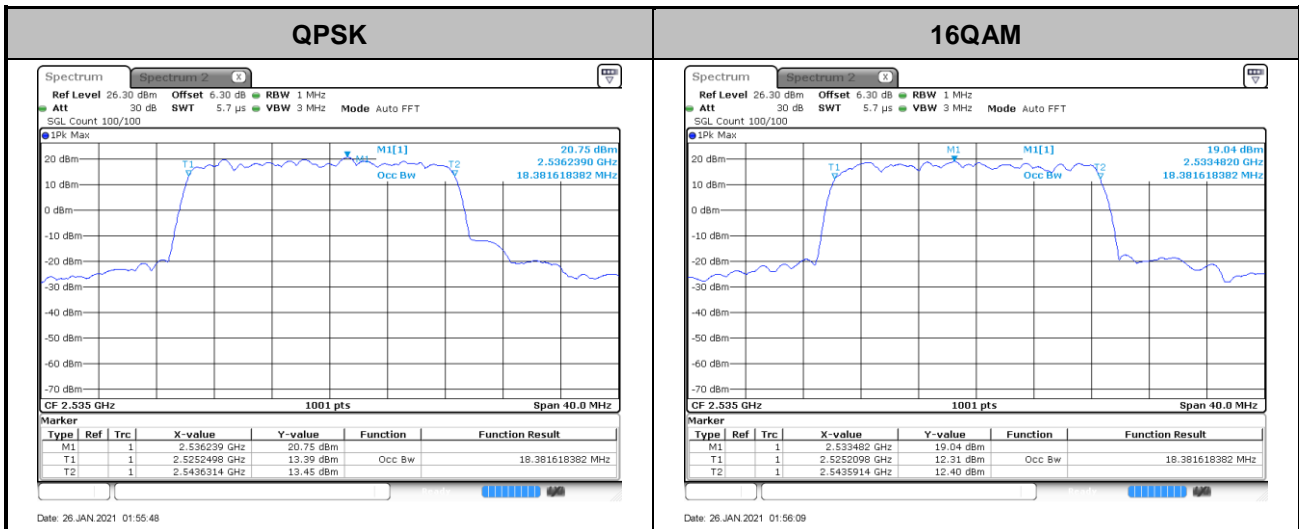
Mode	FR1 n7 : 26dB BW(MHz) / DFT-S OFDM							
BW	20M							
Mod.	QPSK	16QAM						
Middle CH	20.18	20.18						





## Occupied Bandwidth

Mode	FR1 n7 : 99%OBW(MHz) / DFT-S OFDM						
BW	20M						
Mod.	QPSK	16QAM					
Middle CH	18.382	18.382					



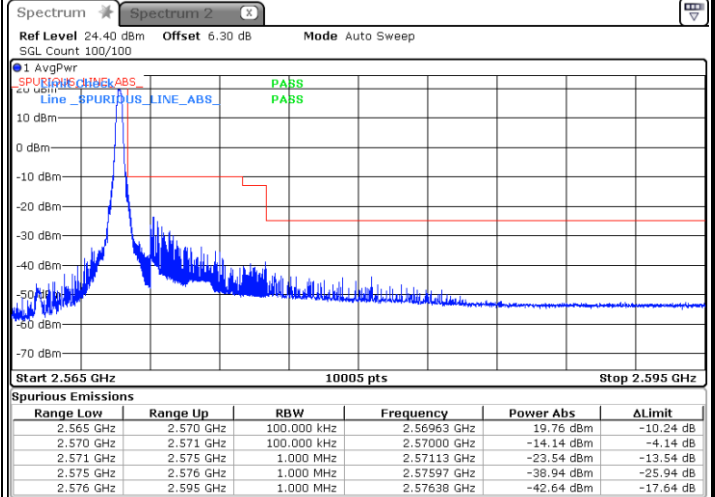
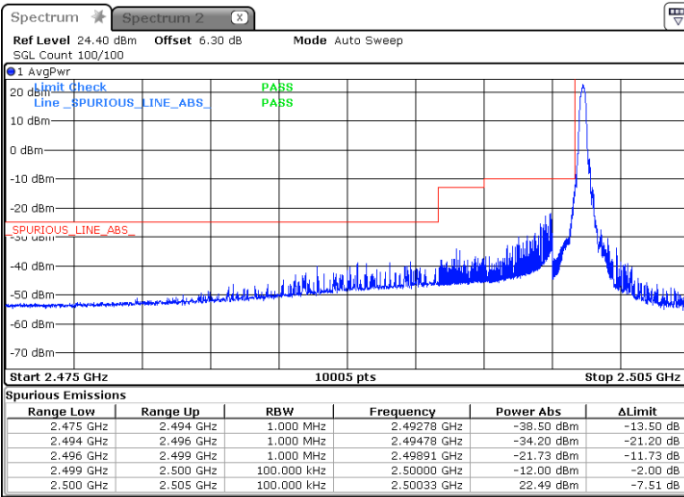


# Conducted Band Edge

FR1 n7 / 5MHz / DFT-S OFDM / PI/2 BPSK

Lowest Band Edge / 1RB0

Highest Band Edge / 1RBMAX

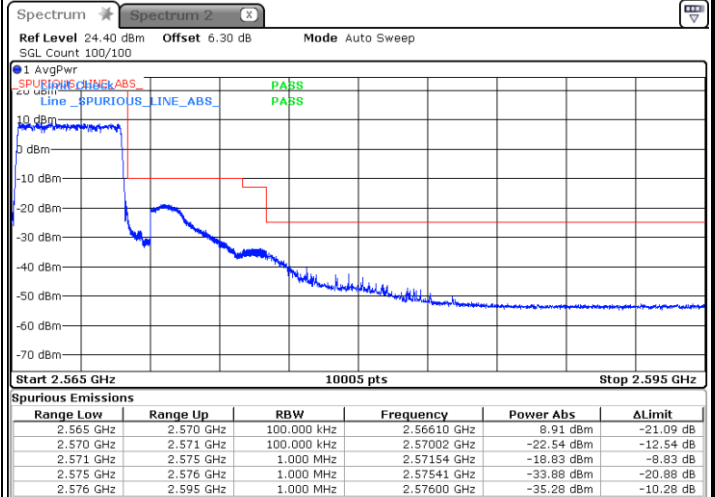
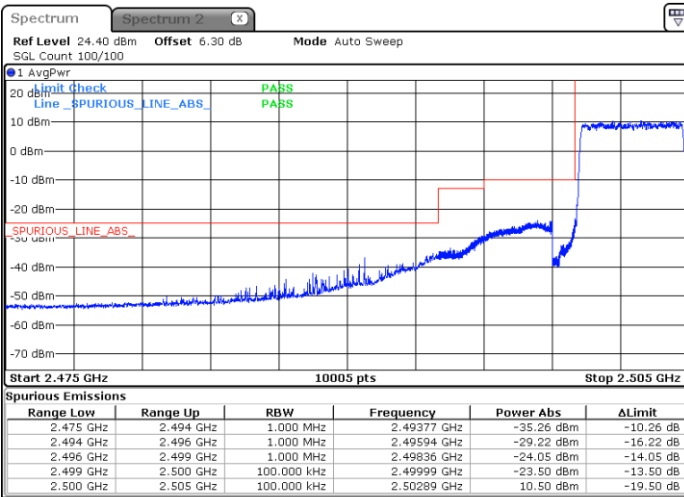


Date: 25 JAN 2021 23:40:29

Date: 25 JAN 2021 23:58:33

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 25 JAN 2021 23:47:47

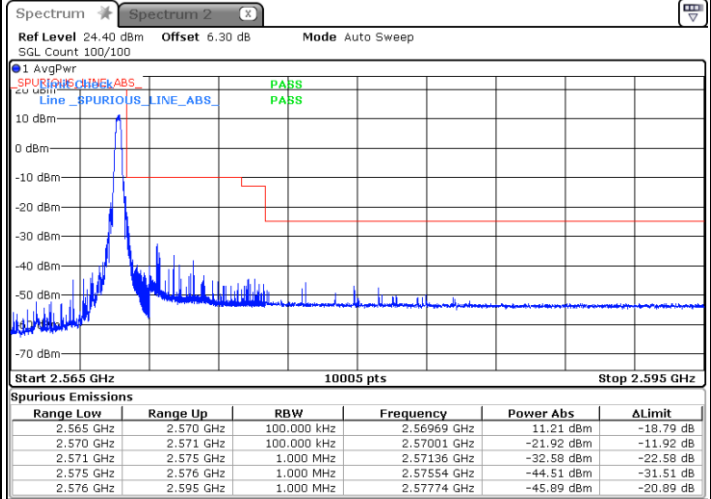
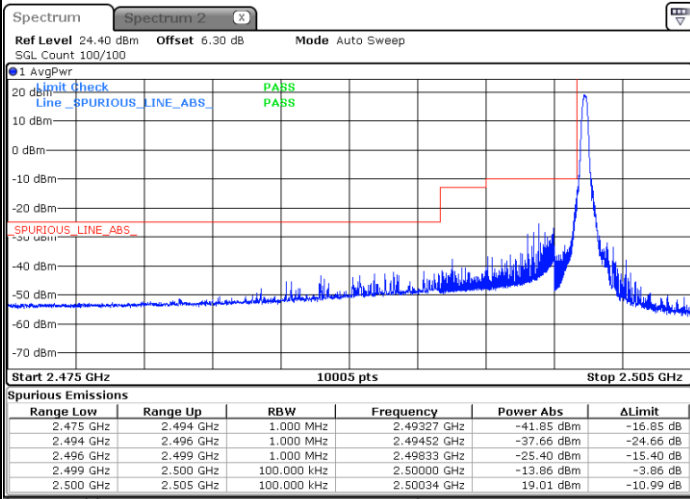
Date: 26 JAN 2021 00:00:27



FR1 n7 / 5MHz / DFT-S OFDM / QPSK

Lowest Band Edge / 1RB0

Highest Band Edge / 1RBMAX

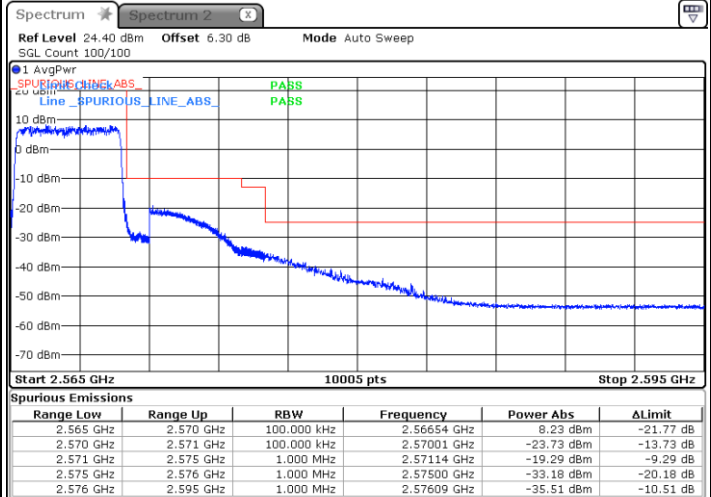
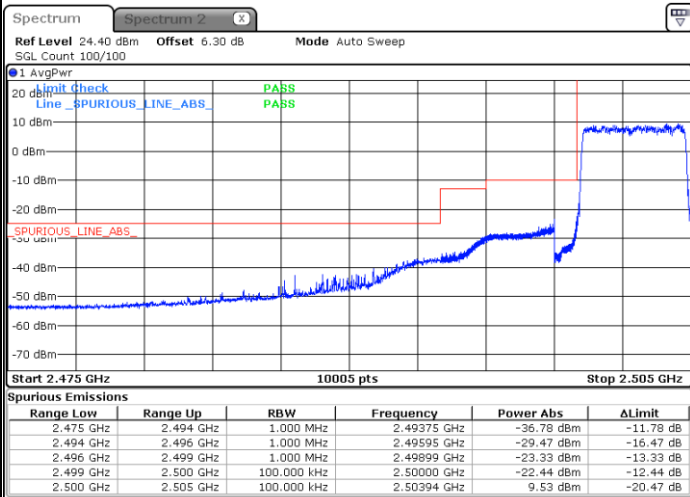


Date: 25 JAN 2021 23:35:10

Date: 25 JAN 2021 23:59:00

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 25 JAN 2021 23:48:02

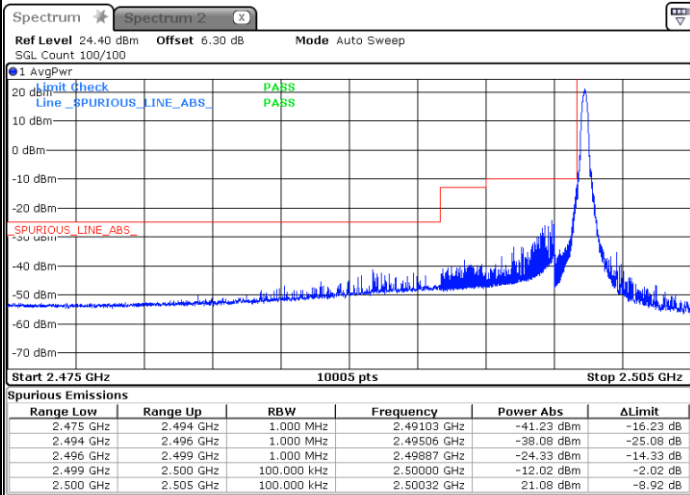
Date: 26 JAN 2021 00:00:53



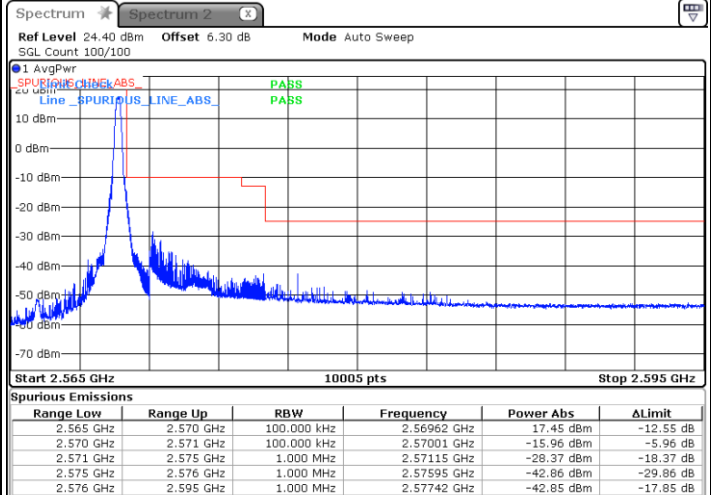
FR1 n7 / 5MHz / DFT-S OFDM / 16Q

Lowest Band Edge / 1RB0

Highest Band Edge / 1RBMAX



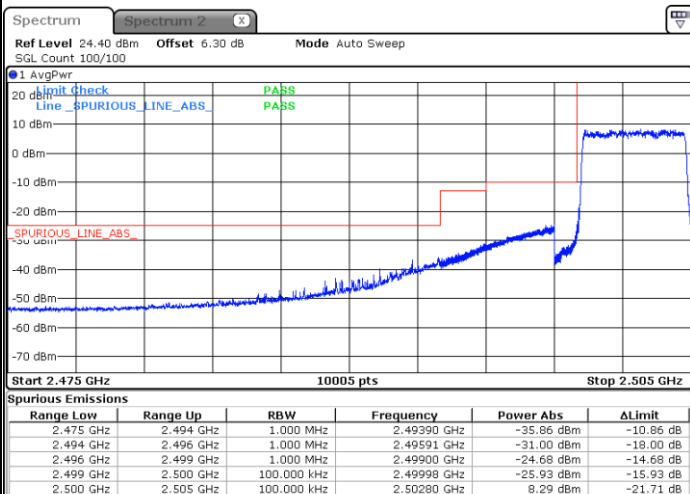
Date: 25 JAN 2021 23:34:06



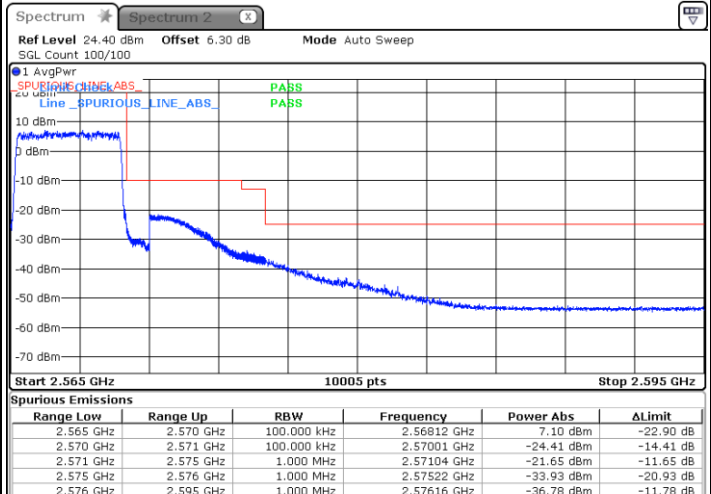
Date: 25 JAN 2021 23:56:20

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 25 JAN 2021 23:48:16



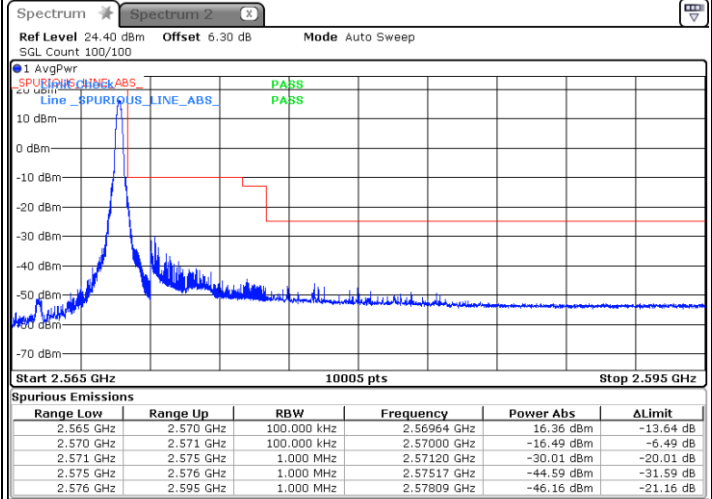
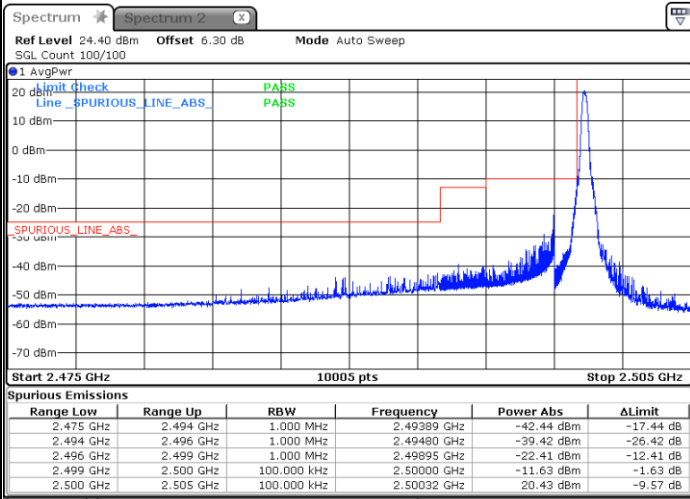
Date: 26 JAN 2021 00:01:31



FR1 n7 / 5MHz / DFT-S OFDM / 64Q

Lowest Band Edge / 1RB0

Highest Band Edge / 1RBMAX

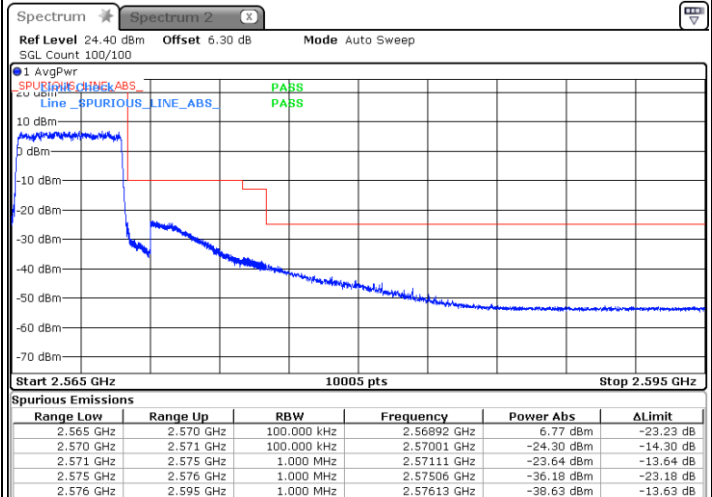
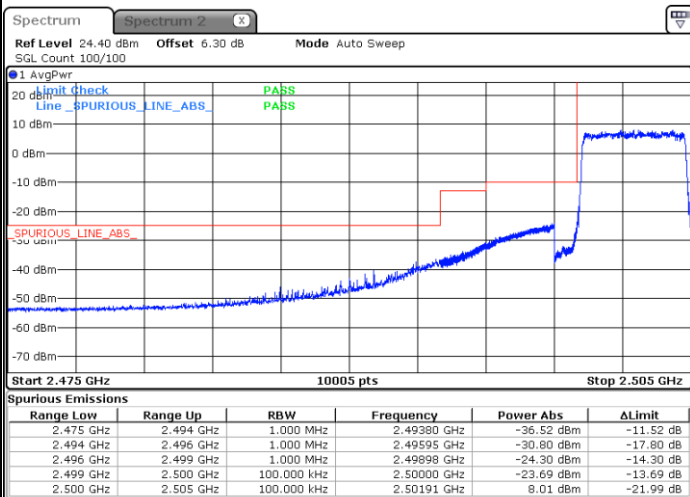


Date: 25 JAN 2021 23:46:36

Date: 25 JAN 2021 23:56:48

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 25 JAN 2021 23:48:34

Date: 26 JAN 2021 00:02:05

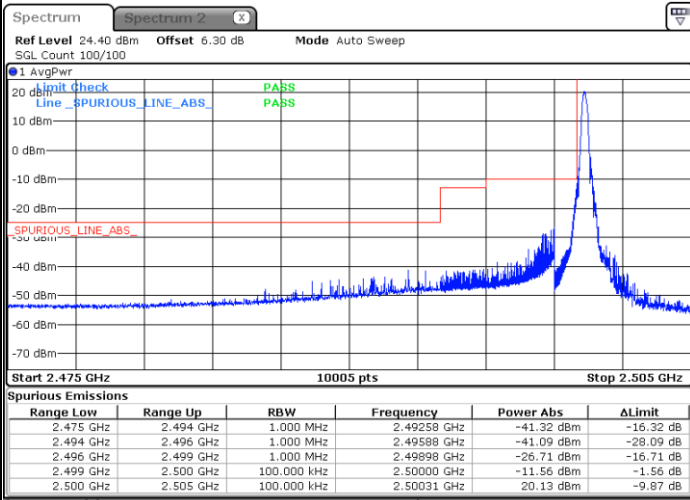




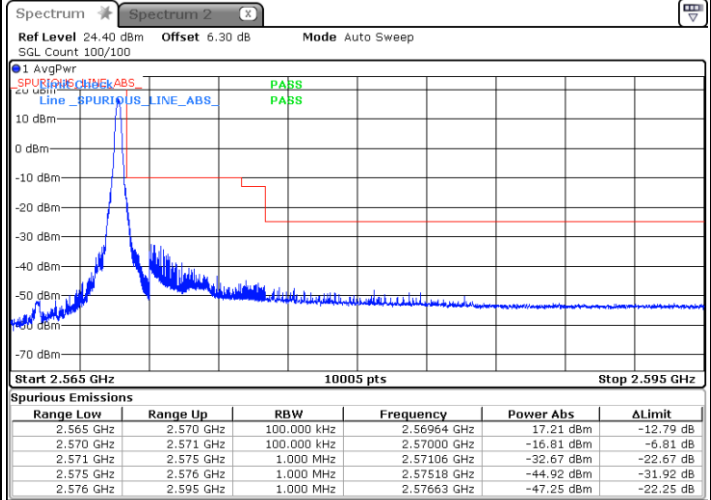
FR1 n7 / 5MHz / DFT-S OFDM / 256Q

Lowest Band Edge / 1RB0

Highest Band Edge / 1RBMAX



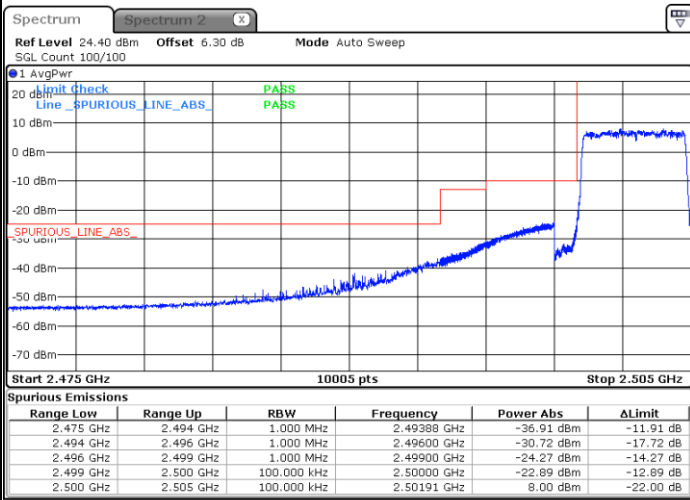
Date: 25 JAN 2021 23:47:02



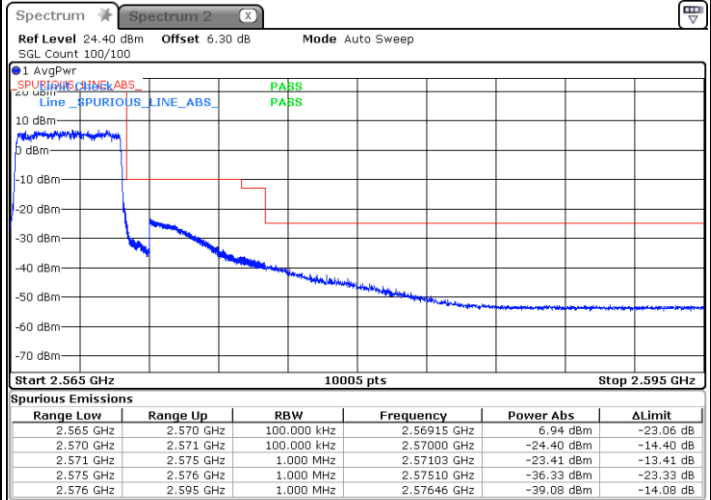
Date: 25 JAN 2021 23:57:39

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 25 JAN 2021 23:48:57



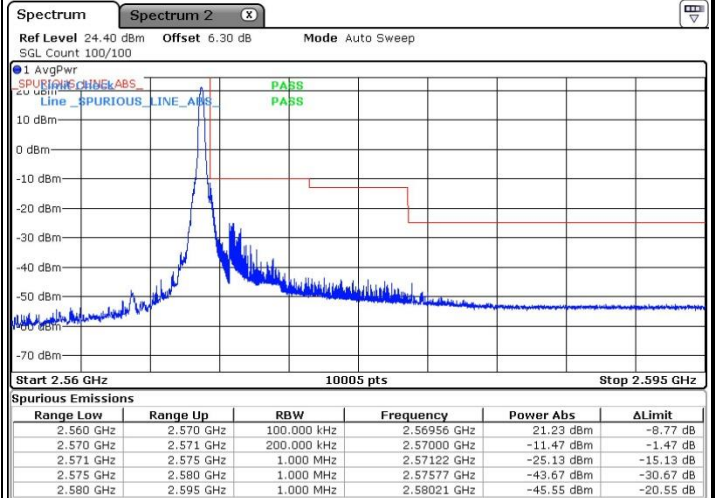
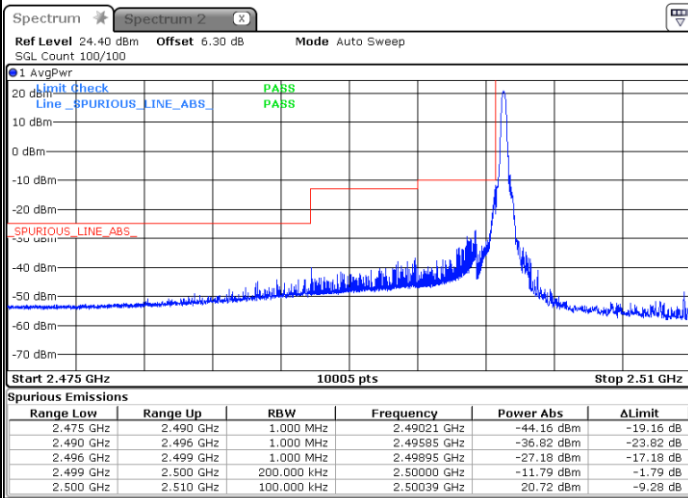
Date: 26 JAN 2021 00:03:13



FR1 n7 / 10MHz / DFT-s-OFDM / PI/2 BPSK

Lowest Band Edge / 1RB0

Highest Band Edge / 1RBMAX

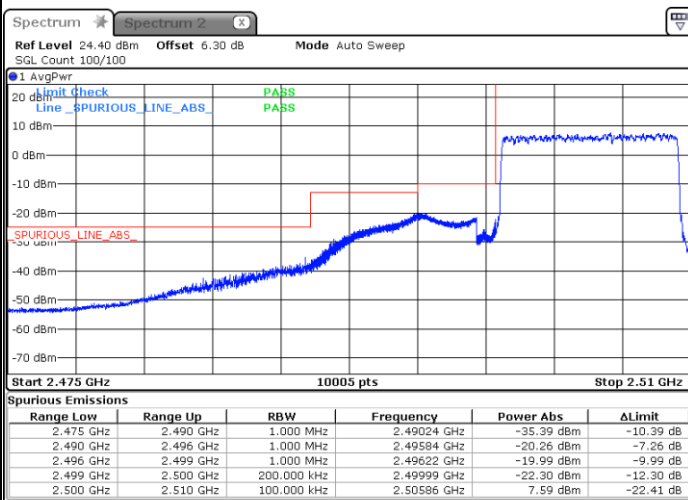


Date: 26 JAN 2021 00:53:27

Date: 26 JAN 2021 01:02:28

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 26 JAN 2021 00:56:53

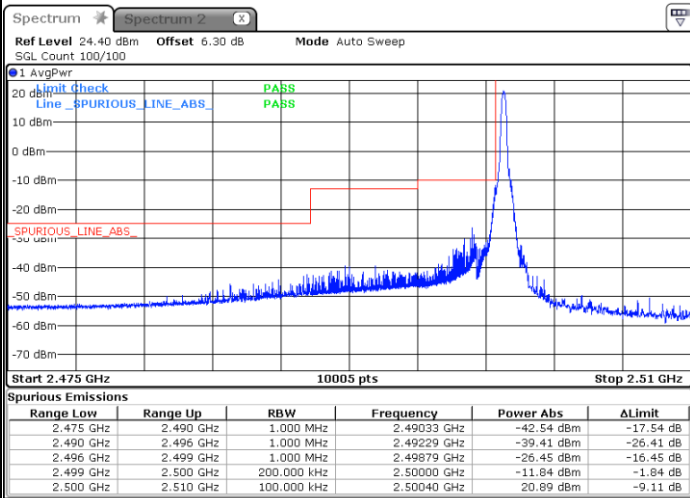
Date: 26 JAN 2021 00:59:49



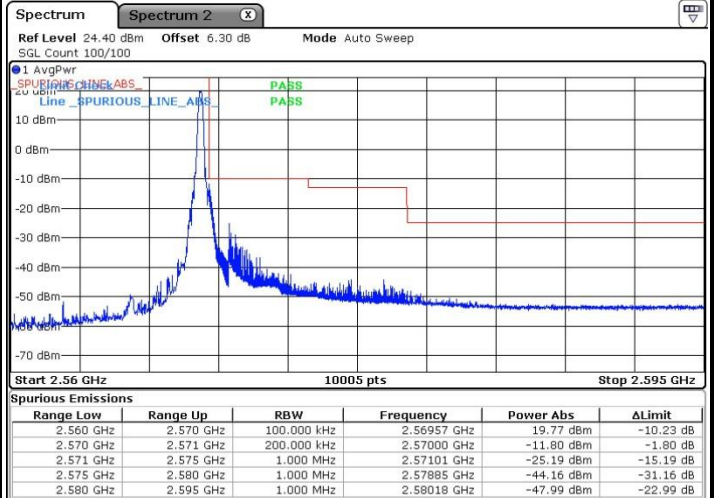
FR1 n7 / 10MHz / DFT-s-OFDM / QPSK

Lowest Band Edge / 1RB0

Highest Band Edge / 1RBMAX



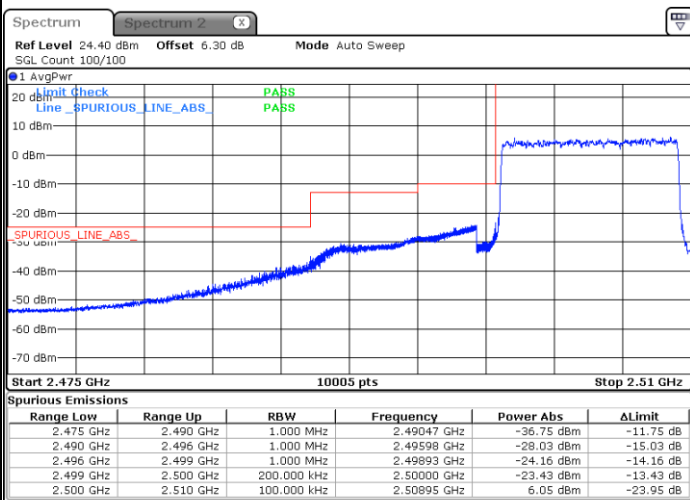
Date: 26 JAN 2021 00:54:22



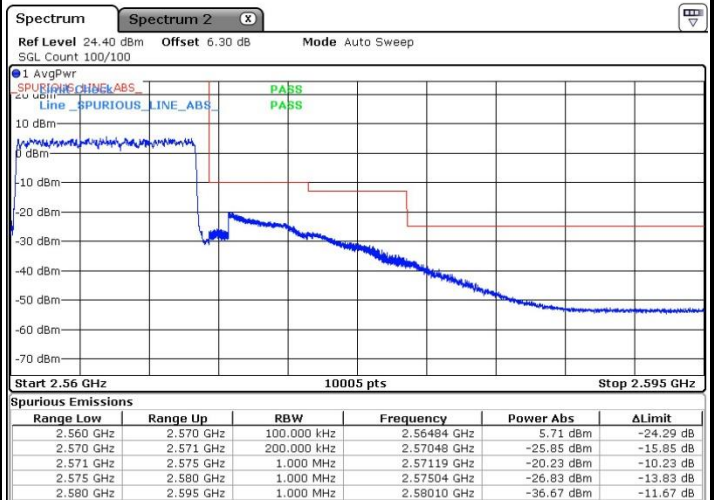
Date: 26 JAN 2021 01:02:50

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 26 JAN 2021 00:57:07



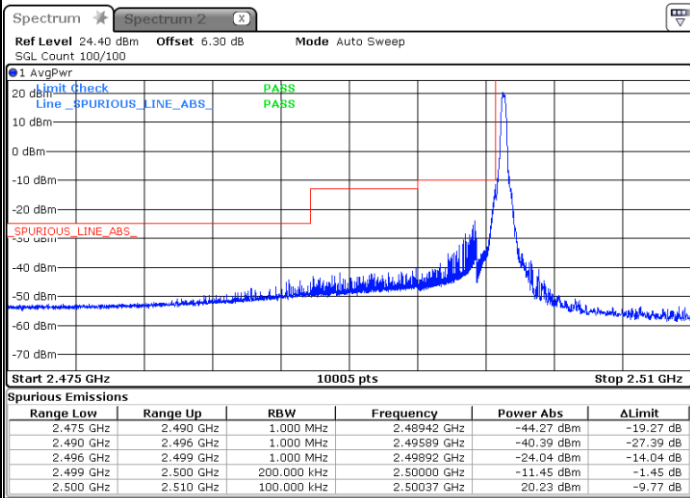
Date: 26 JAN 2021 01:00:25



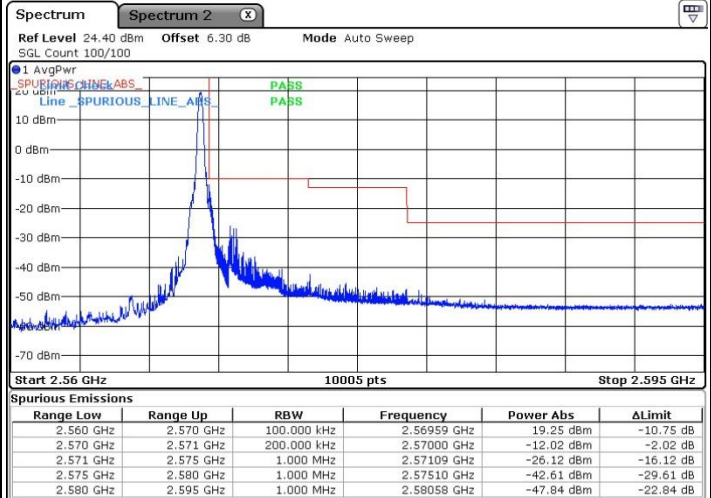
FR1 n7 / 10MHz / DFT-s-OFDM / 16QAM

Lowest Band Edge / 1RB0

Highest Band Edge / 1RBMAX



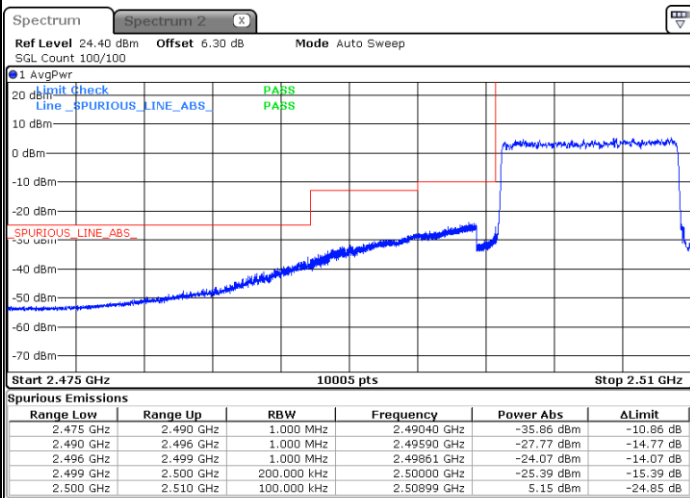
Date: 26 JAN 2021 00:54:58



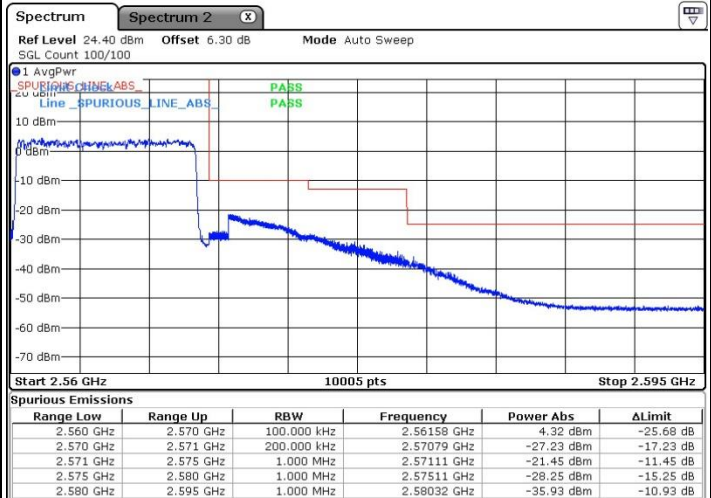
Date: 26 JAN 2021 01:03:09

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 26 JAN 2021 00:57:21



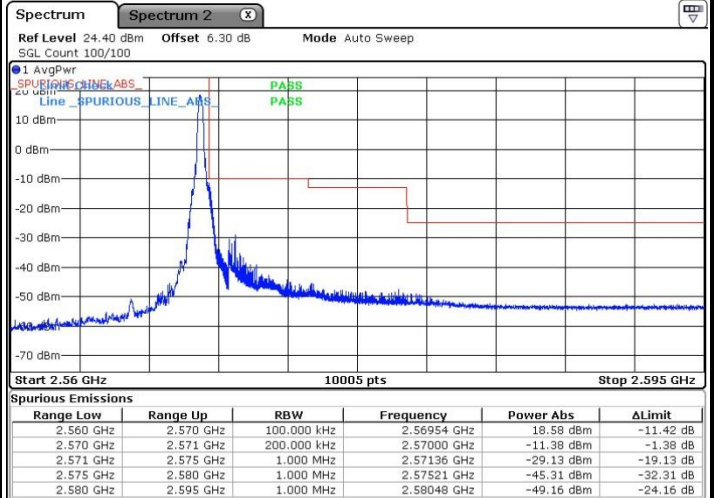
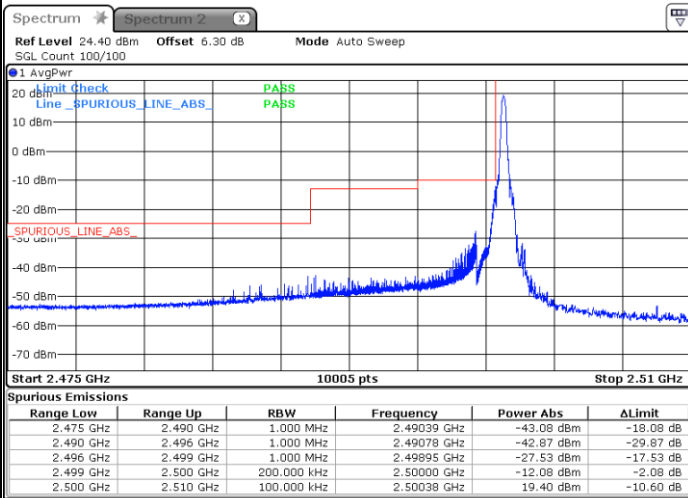
Date: 26 JAN 2021 01:00:41



FR1 n7 / 10MHz / DFT-s-OFDM / 64QAM

Lowest Band Edge / 1RB0

Highest Band Edge / 1RBMAX

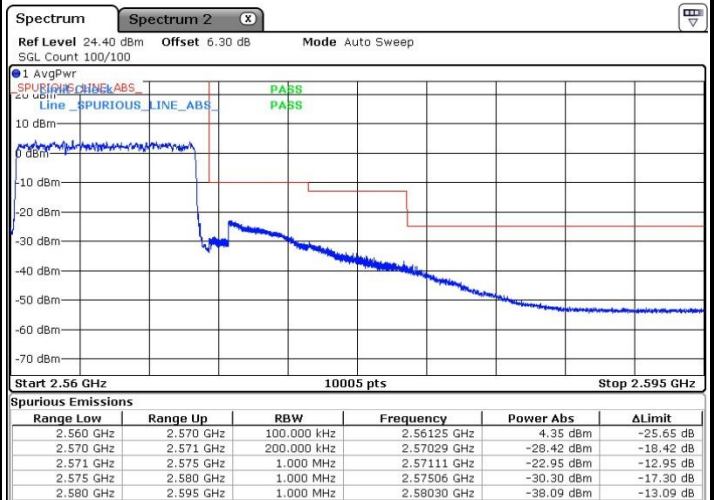
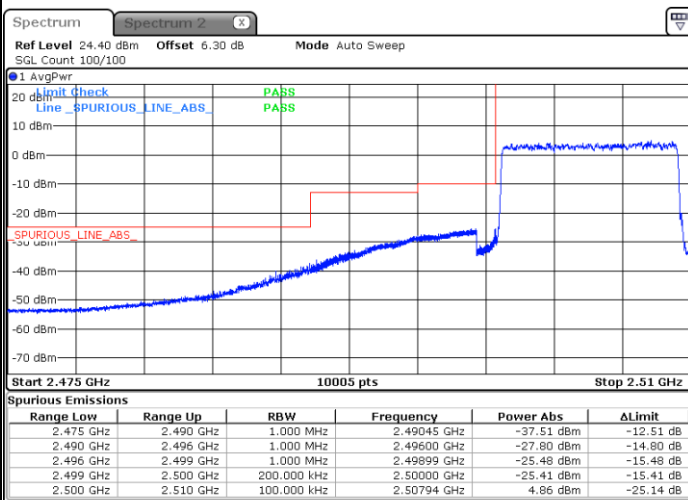


Date: 26 JAN 2021 00:55:52

Date: 26 JAN 2021 01:03:32

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 26 JAN 2021 00:57:45

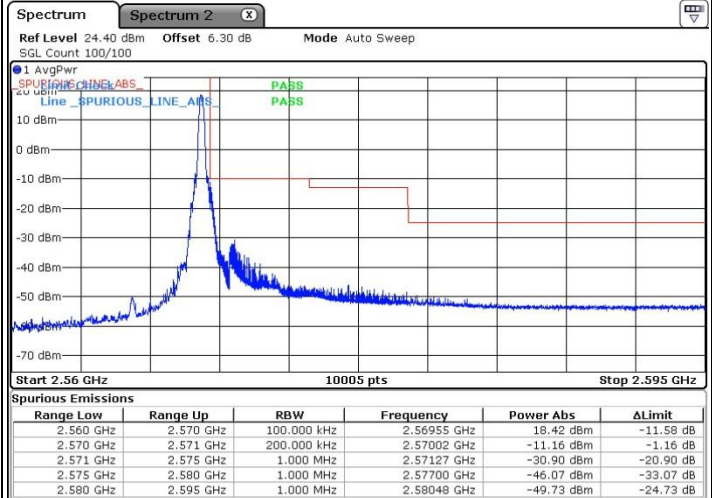
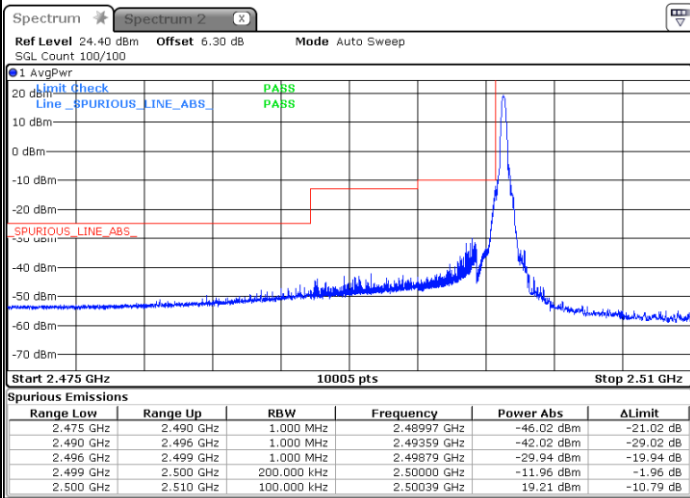
Date: 26 JAN 2021 01:00:57



FR1 n7 / 10MHz / DFT-s-OFDM / 256QAM

Lowest Band Edge / 1RB0

Highest Band Edge / 1RBMAX

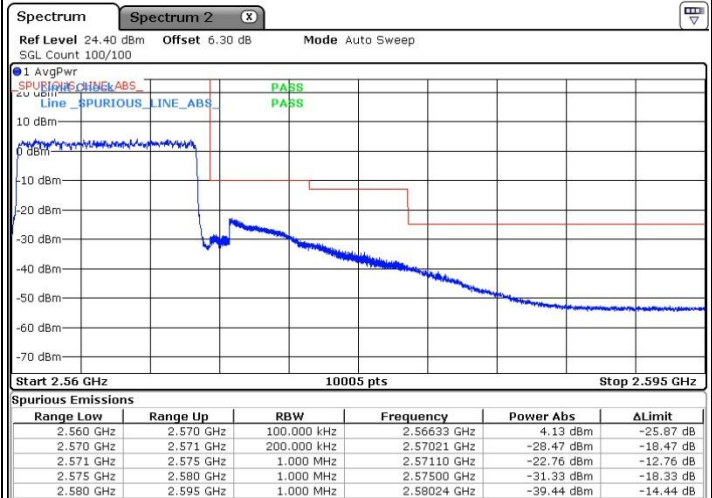
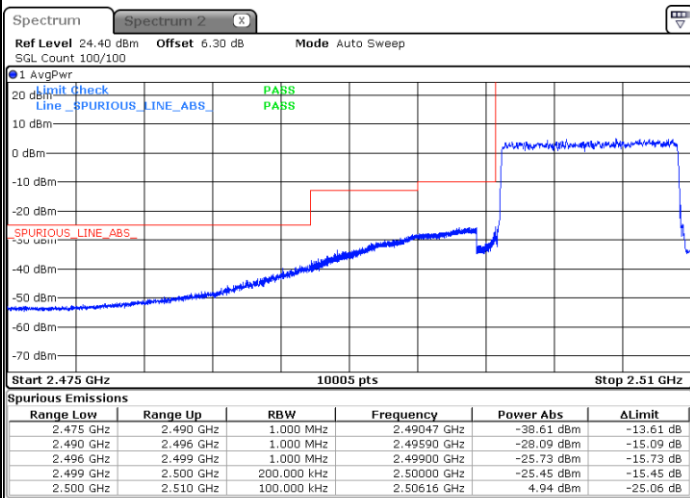


Date: 26 JAN 2021 00:56:27

Date: 26 JAN 2021 01:03:46

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 26 JAN 2021 00:58:02

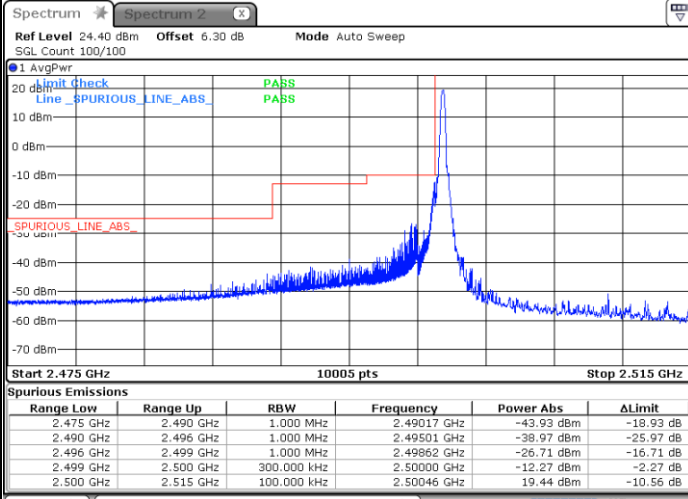
Date: 26 JAN 2021 01:01:10



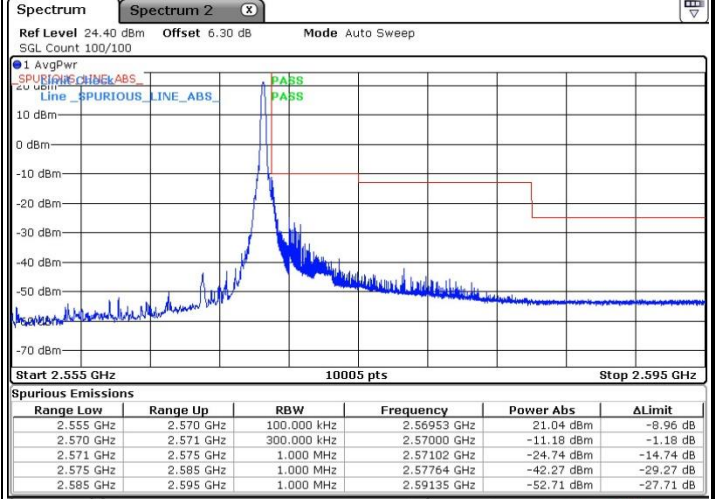
FR1 n7 / 15MHz / DFT-s-OFDM / PI/2 BPSK

Lowest Band Edge / 1RB0

Highest Band Edge / 1RBMAX



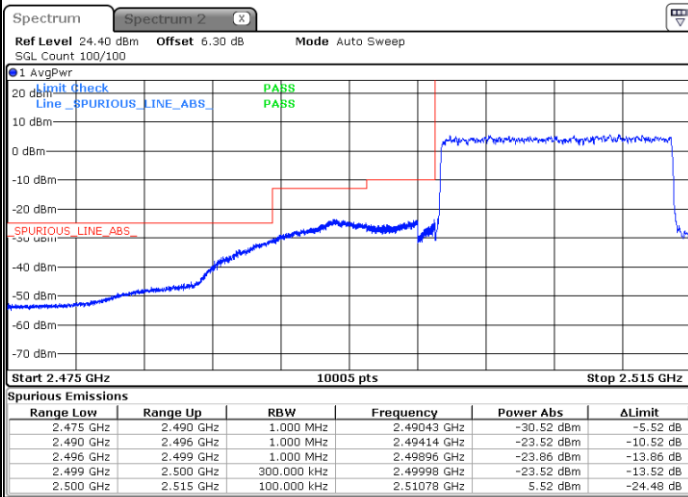
Date: 26 JAN 2021 01:21:12



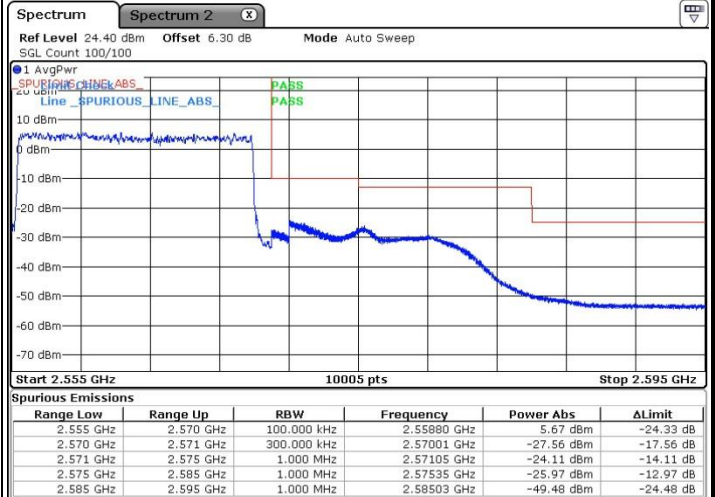
Date: 26 JAN 2021 01:26:41

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 26 JAN 2021 01:22:46



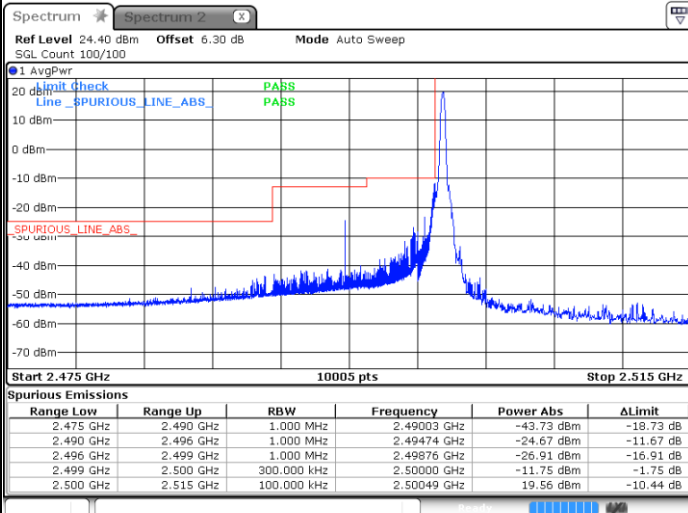
Date: 26 JAN 2021 01:24:58



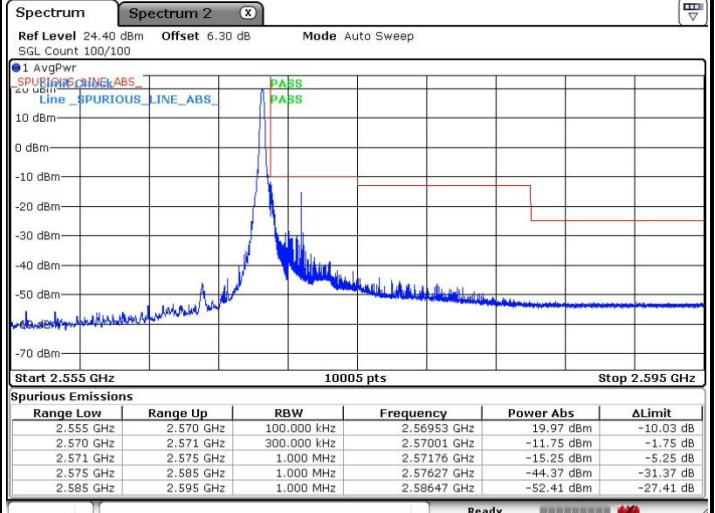
FR1 n7 / 15MHz / DFT-s-OFDM / QPSK

Lowest Band Edge / 1RB0

Highest Band Edge / 1RBMAX



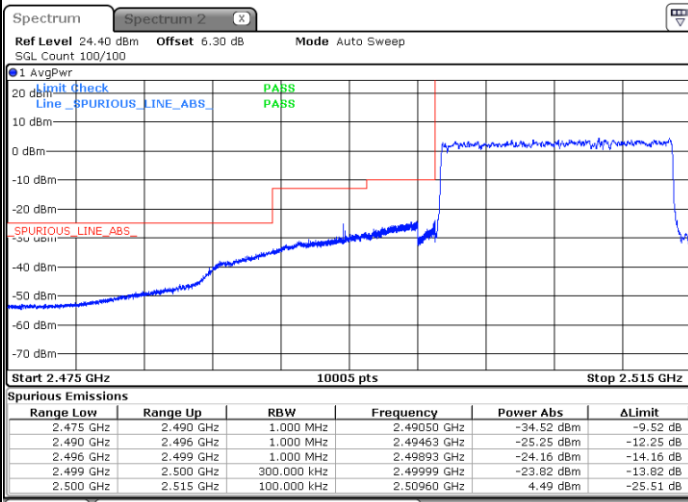
Date: 26 JAN 2021 01:21:35



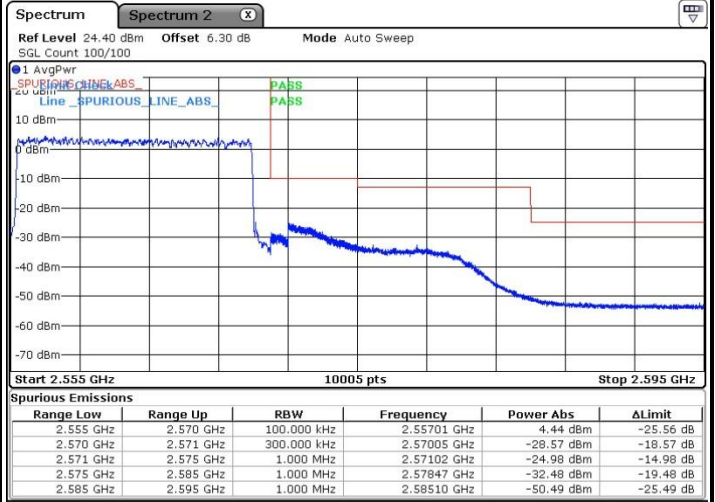
Date: 26 JAN 2021 01:27:00

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 26 JAN 2021 01:23:01



Date: 26 JAN 2021 01:25:27