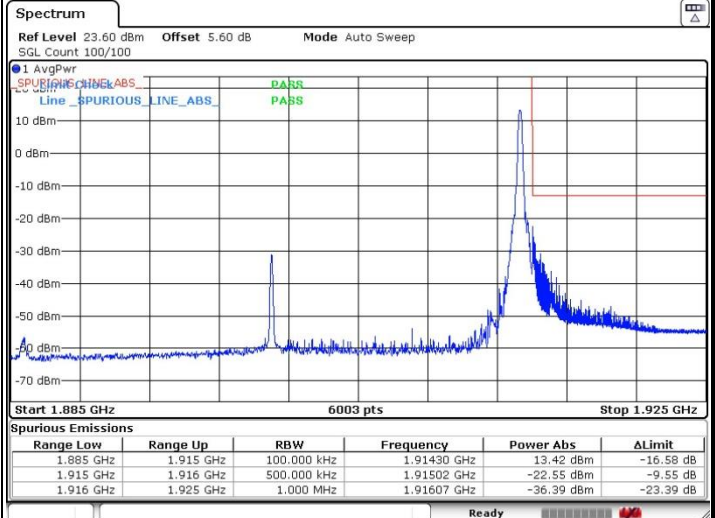
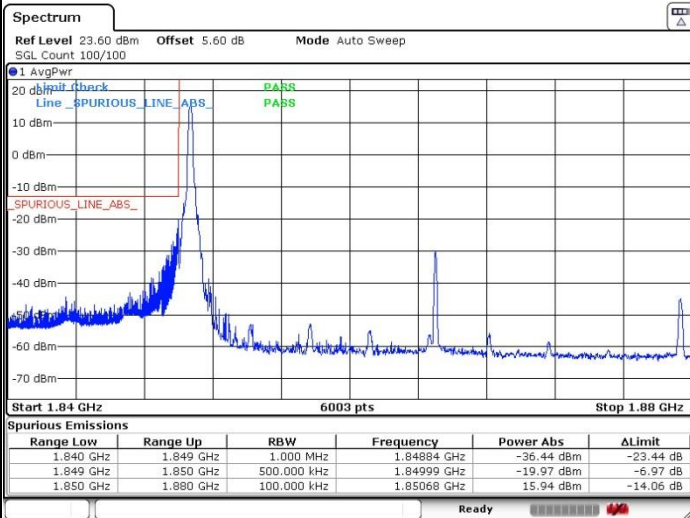




FR1 n25 / 30MHz / DFT-s-OFDM / 256QAM

Lowest Band Edge / 1RB0

Highest Band Edge / 1RBMAX

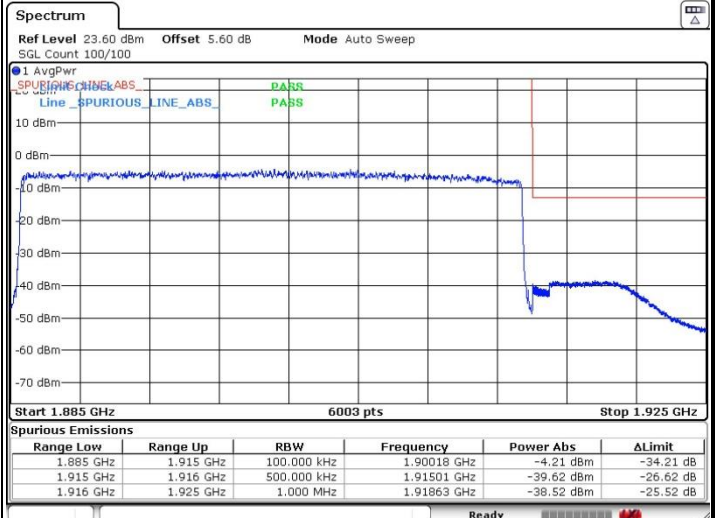
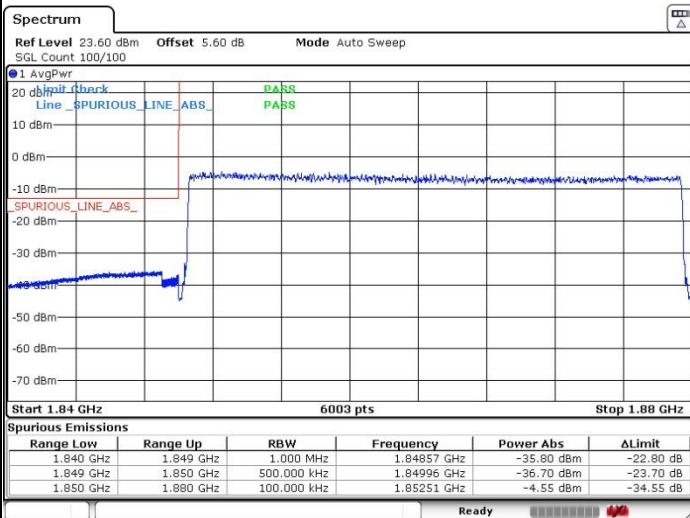


Date: 28.DEC.2020 21:05:12

Date: 28.DEC.2020 21:12:03

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 28.DEC.2020 21:03:47

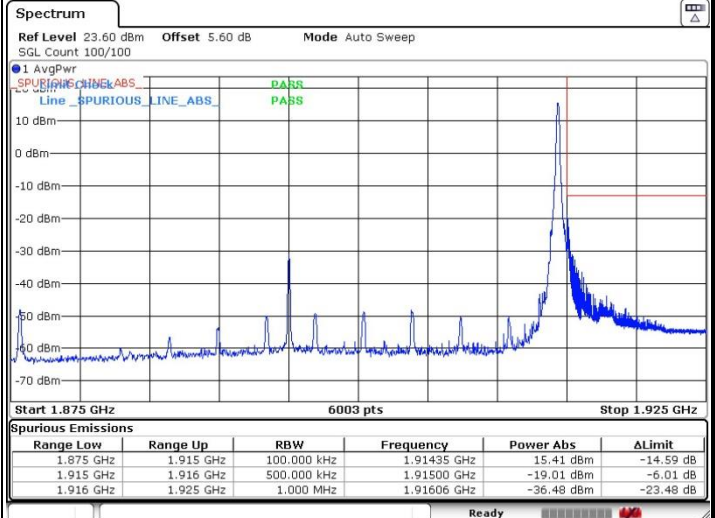
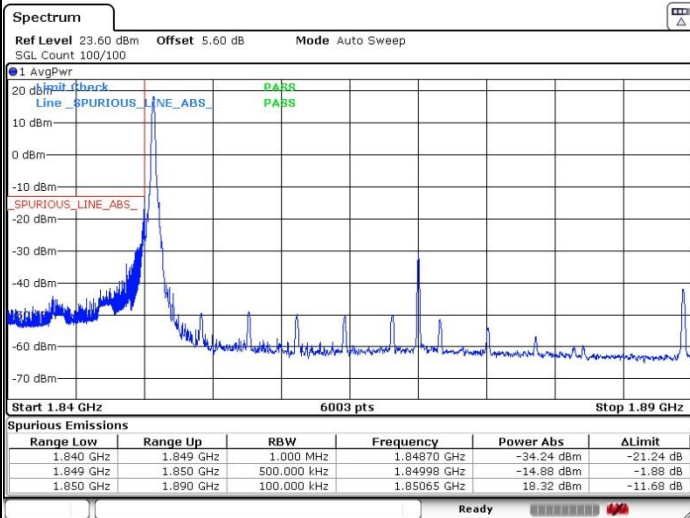
Date: 28.DEC.2020 21:09:57



FR1 n25 / 40MHz / DFT-s-OFDM / PI/2 BPSK

Lowest Band Edge / 1RB0

Highest Band Edge / 1RBMAX

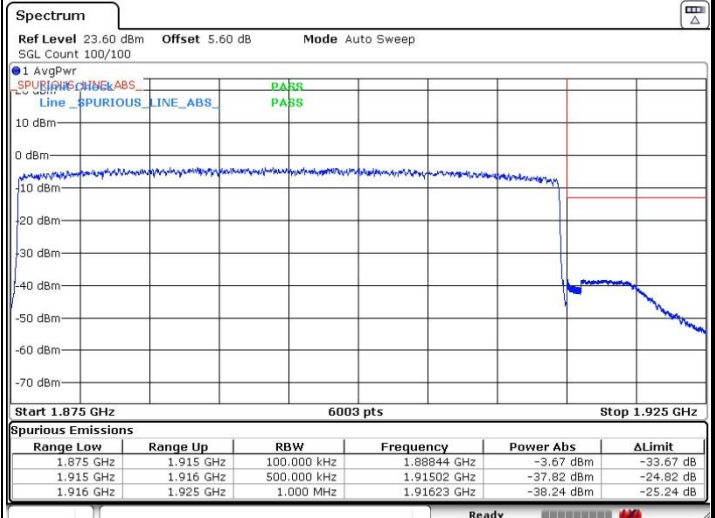
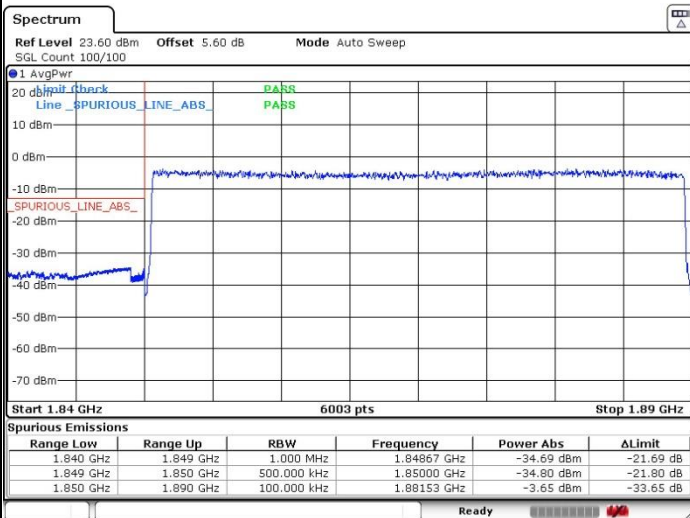


Date: 28.DEC.2020 21:22:48

Date: 28.DEC.2020 21:34:00

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 28.DEC.2020 21:18:02

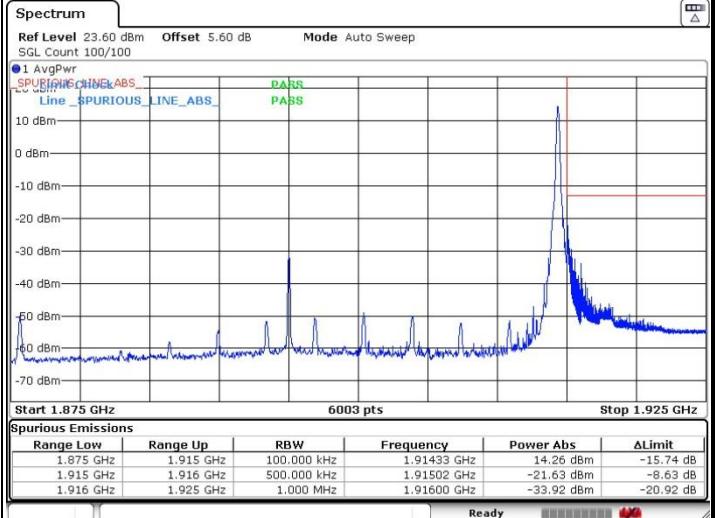
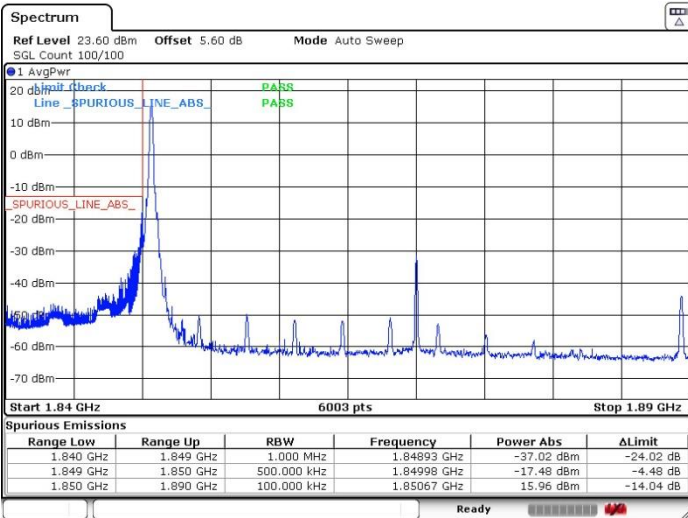
Date: 28.DEC.2020 21:30:06



FR1 n25 / 40MHz / DFT-s-OFDM / QPSK

Lowest Band Edge / 1RB0

Highest Band Edge / 1RBMAX

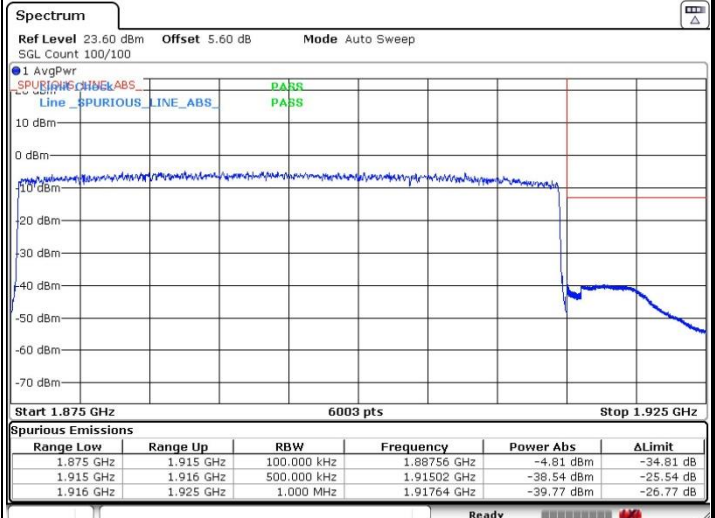
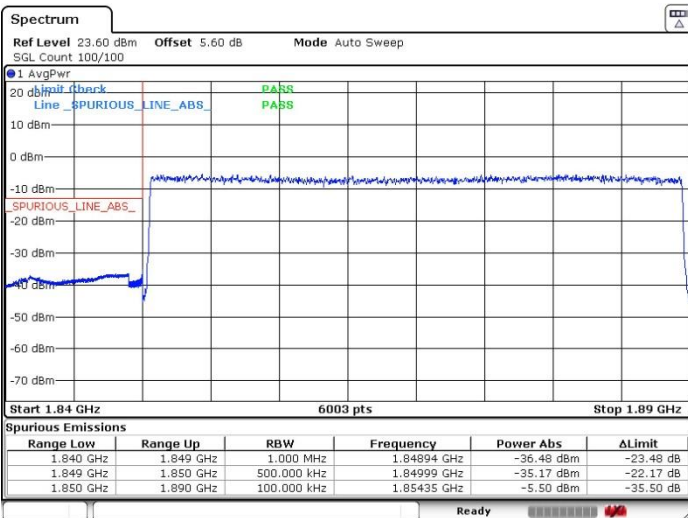


Date: 28.DEC.2020 21:23:11

Date: 28.DEC.2020 21:35:13

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 28.DEC.2020 21:19:03

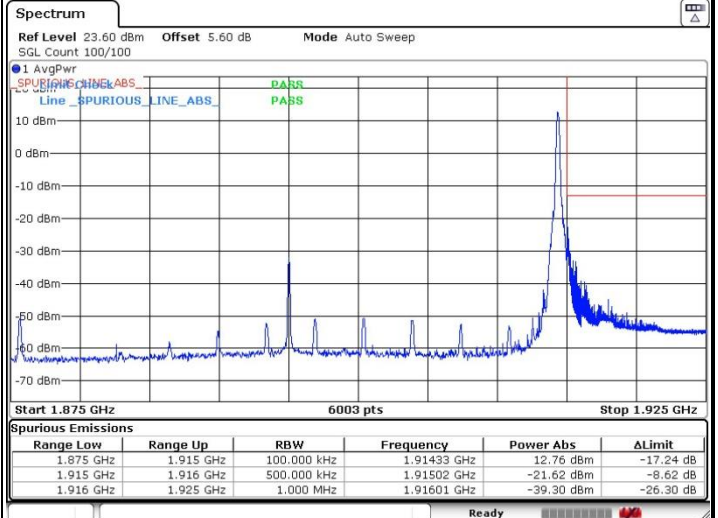
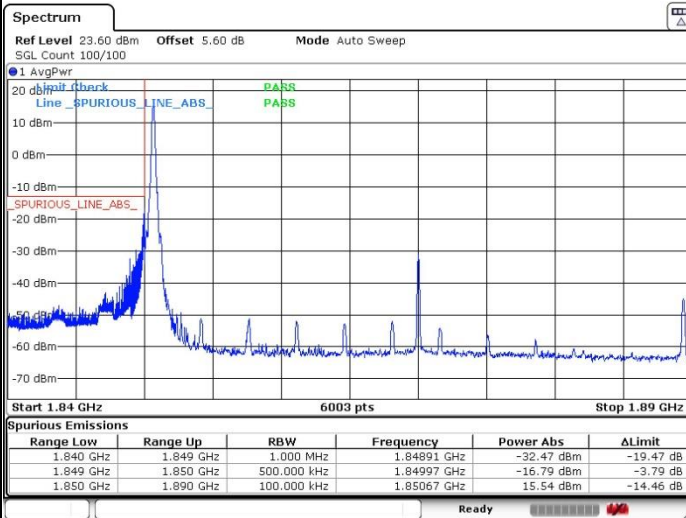
Date: 28.DEC.2020 21:30:52



FR1 n25 / 40MHz / DFT-s-OFDM / 16QAM

Lowest Band Edge / 1RB0

Highest Band Edge / 1RBMAX

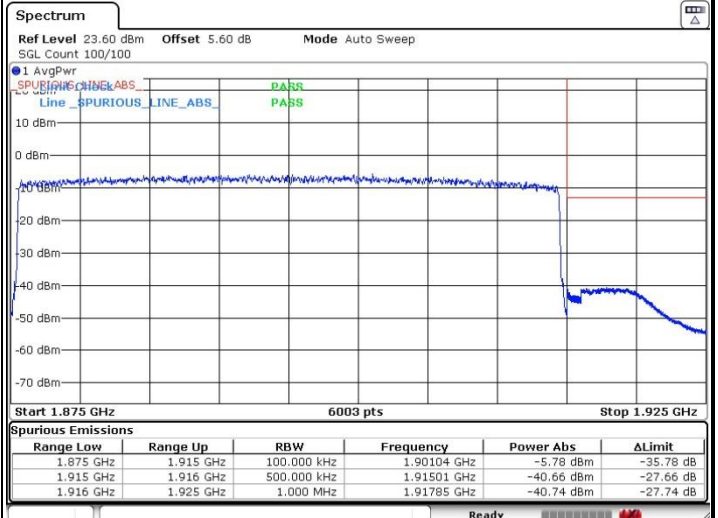
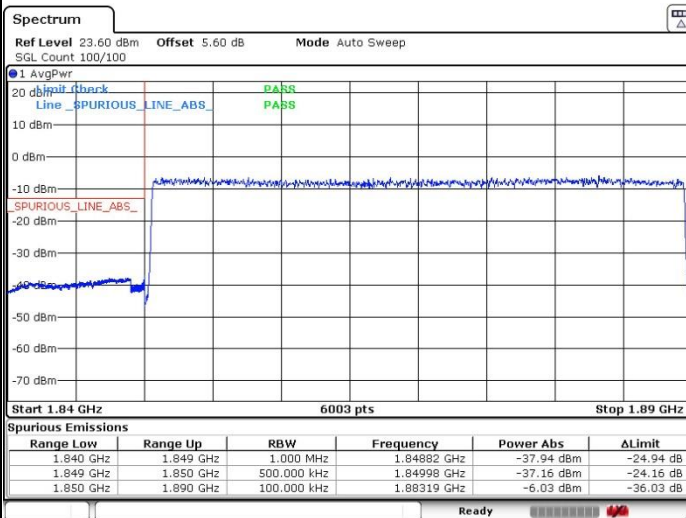


Date: 28.DEC.2020 21:23:23

Date: 28.DEC.2020 21:35:57

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 28.DEC.2020 21:19:20

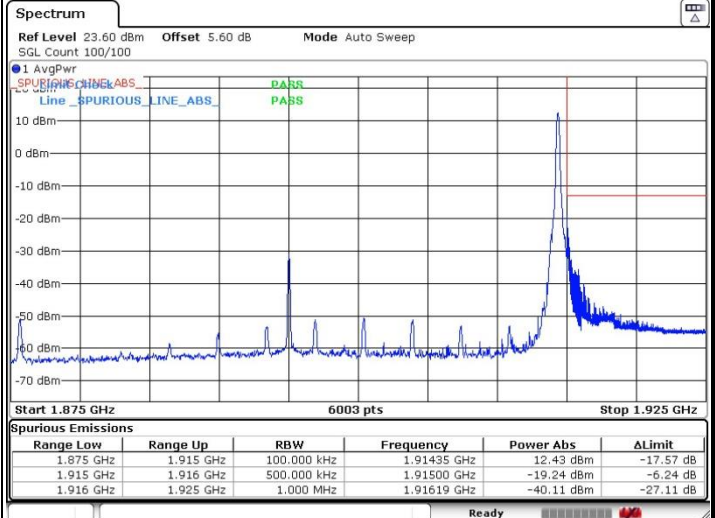
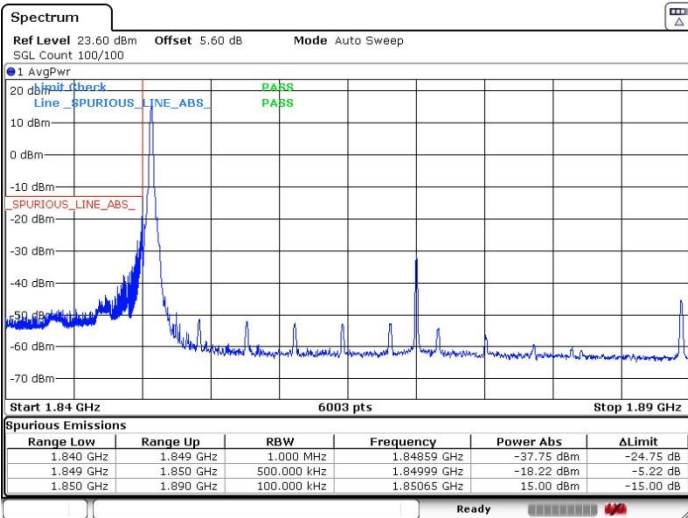
Date: 28.DEC.2020 21:31:18



FR1 n25 / 40MHz / DFT-s-OFDM / 64QAM

Lowest Band Edge / 1RB0

Highest Band Edge / 1RBMAX

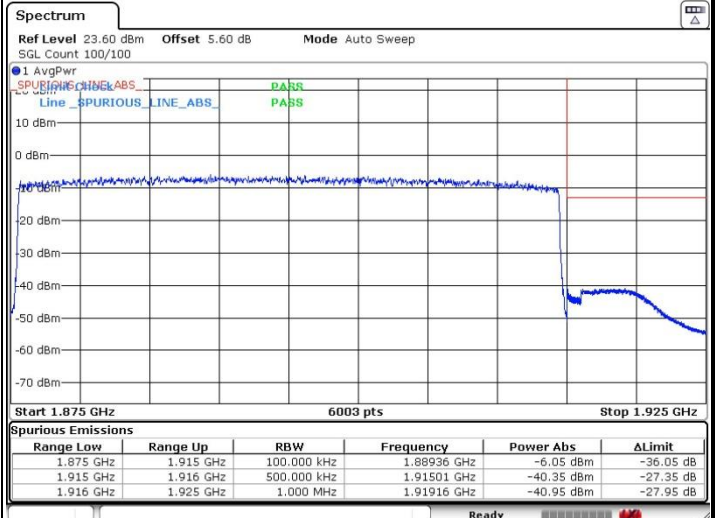
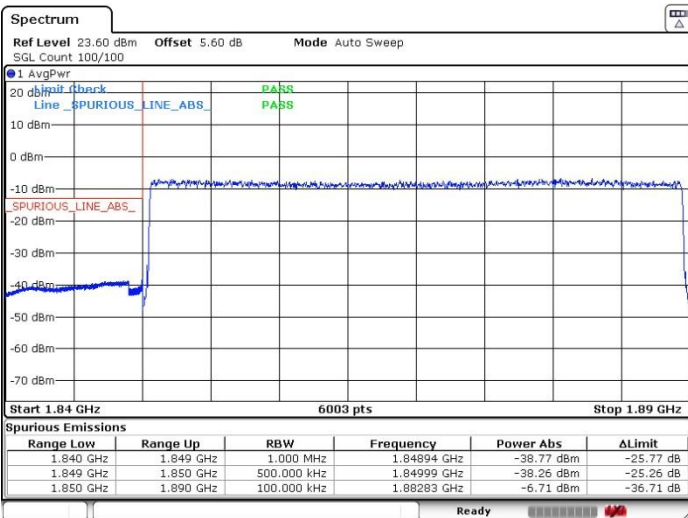


Date: 28.DEC.2020 21:23:42

Date: 28.DEC.2020 21:36:25

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 28.DEC.2020 21:19:51

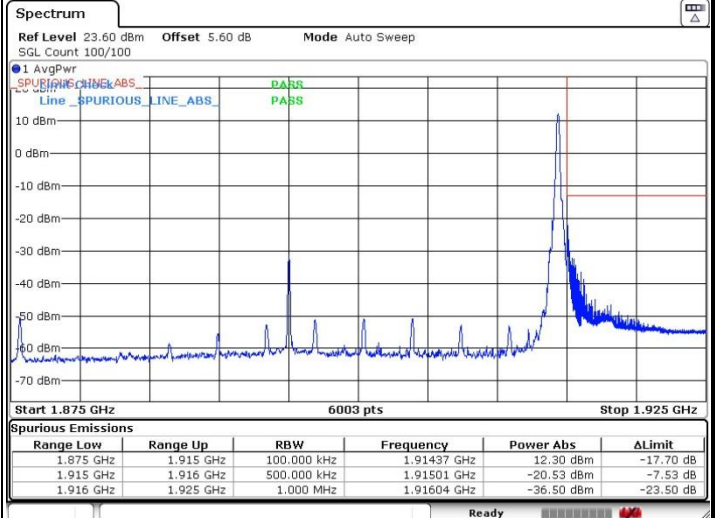
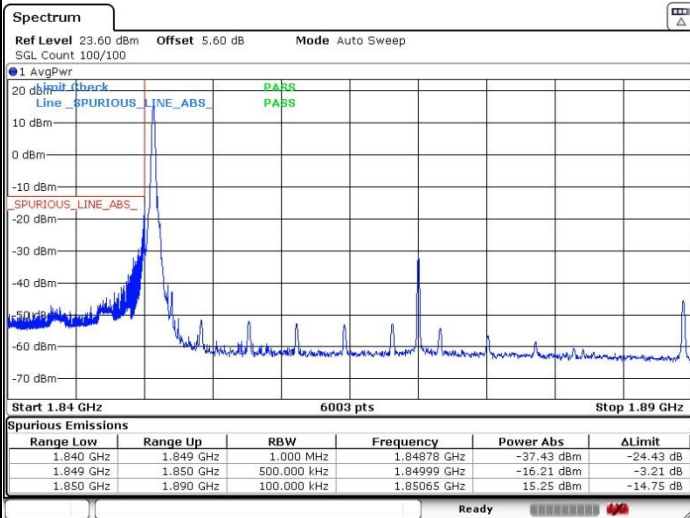
Date: 28.DEC.2020 21:32:59



FR1 n25 / 40MHz / DFT-s-OFDM / 256QAM

Lowest Band Edge / 1RB0

Highest Band Edge / 1RBMAX

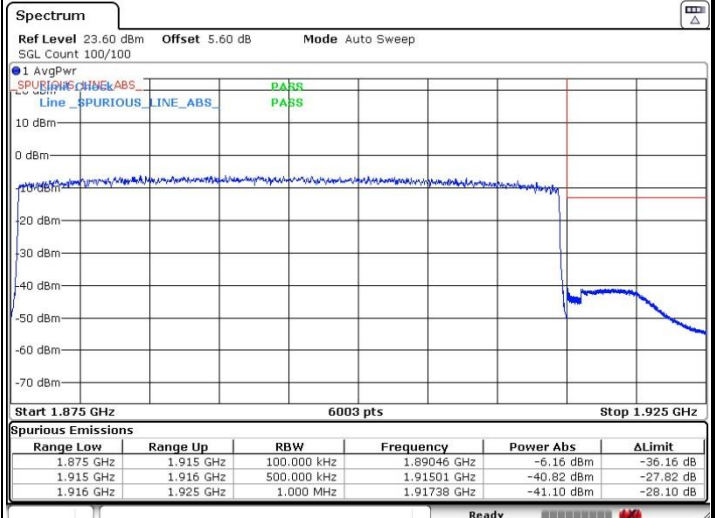
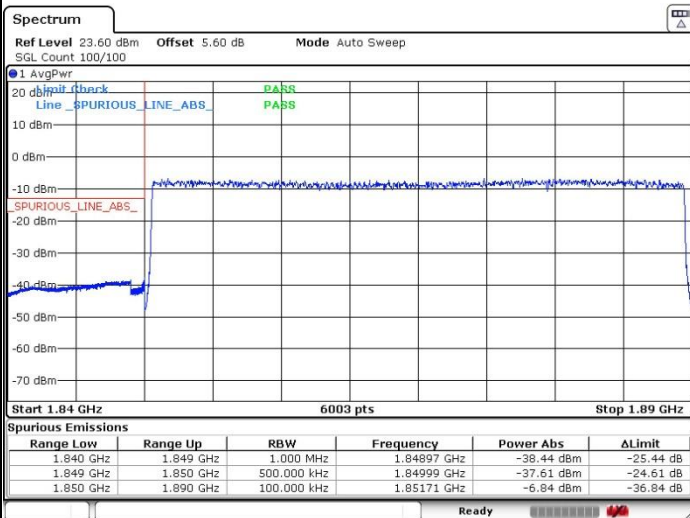


Date: 28.DEC.2020 21:23:57

Date: 28.DEC.2020 21:36:47

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 28.DEC.2020 21:20:06

Date: 28.DEC.2020 21:33:29



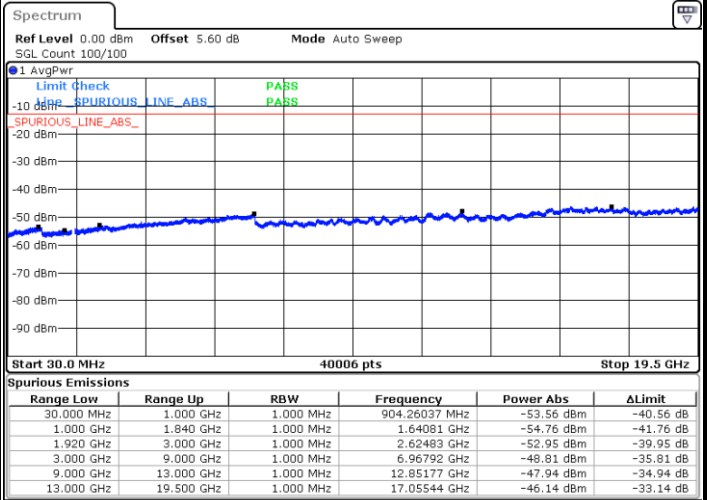
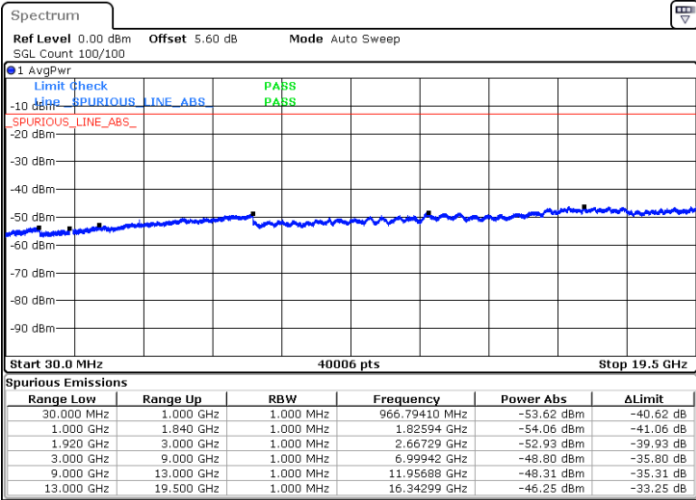
Conducted Spurious Emission



FR1 n25 / 5MHz / DFT-S OFDM / QPSK

Lowest Channel / 1RB1

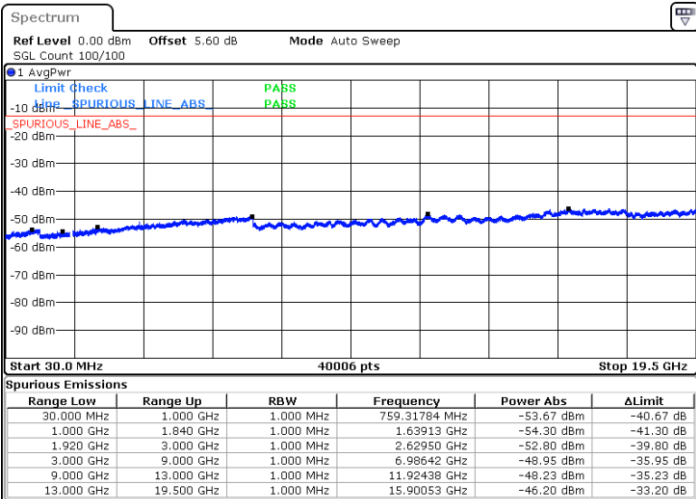
Middle Channel / 1RB1



Date: 20 DEC.2020 15:18:14

Date: 20 DEC.2020 15:18:59

Highest Channel / 1RB1



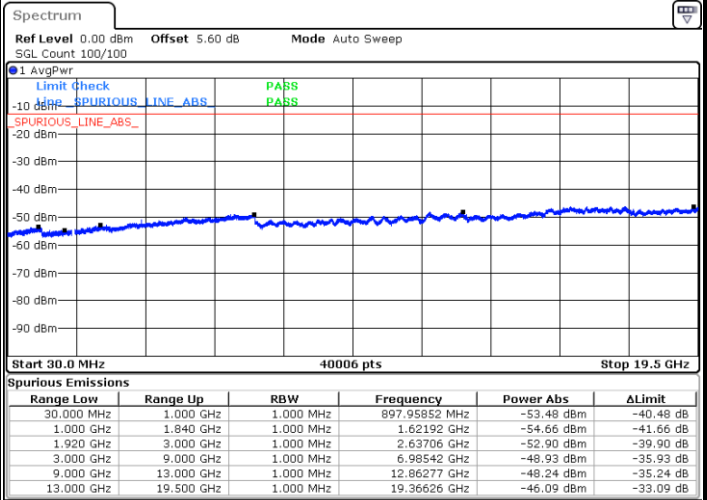
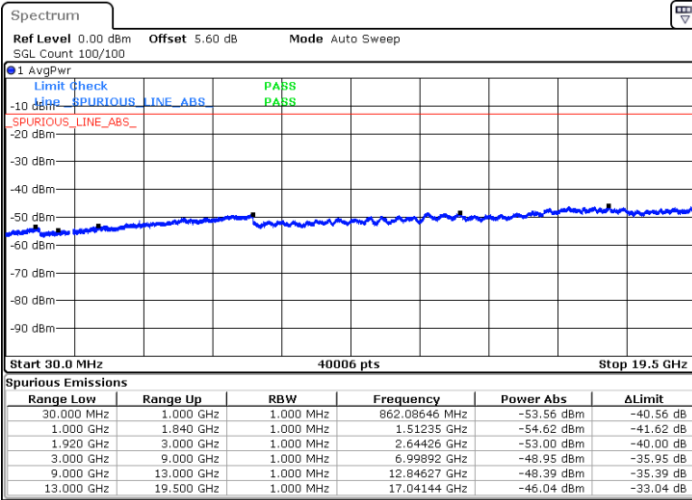
Date: 20 DEC.2020 15:19:39



FR1 n25 / 10MHz / DFT-S OFDM / QPSK

Lowest Channel / 1RB1

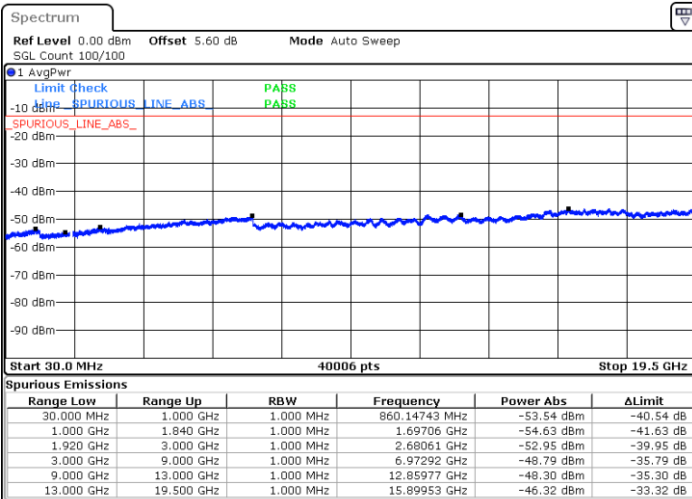
Middle Channel / 1RB1



Date: 20 DEC 2020 15:35:08

Date: 20 DEC 2020 15:36:32

Highest Channel / 1RB1



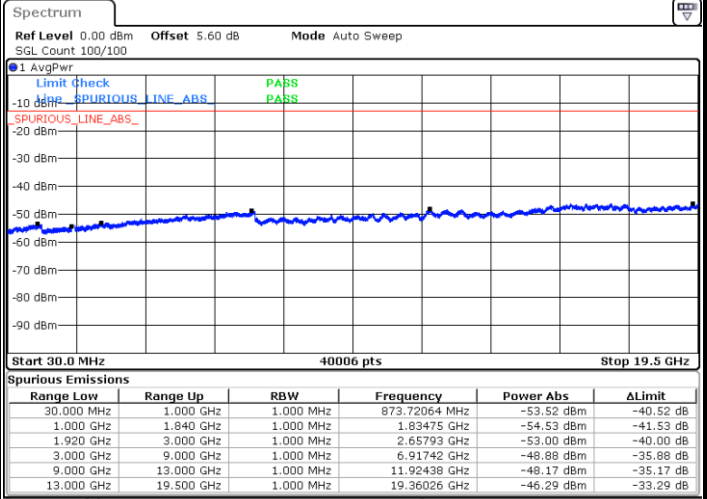
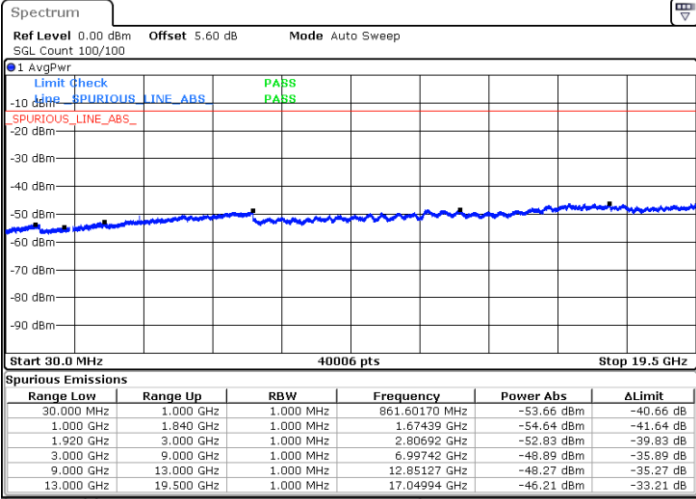
Date: 20 DEC 2020 15:37:34



FR1 n25 / 15MHz / DFT-S OFDM / QPSK

Lowest Channel / 1RB1

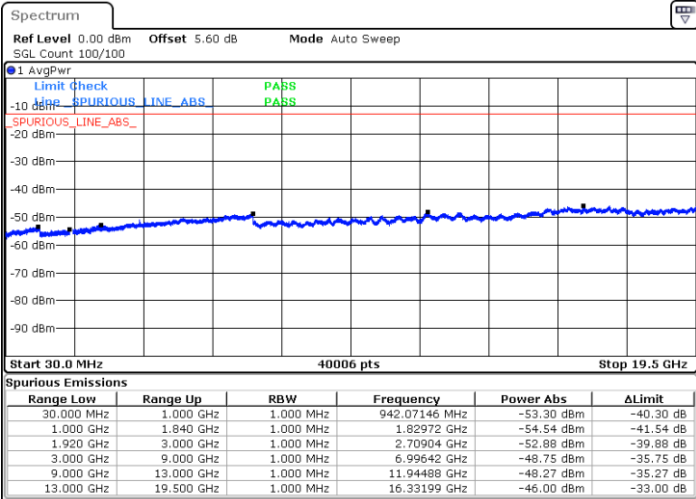
Middle Channel / 1RB1



Date: 20 DEC 2020 15:38:24

Date: 20 DEC 2020 15:39:05

Highest Channel / 1RB1



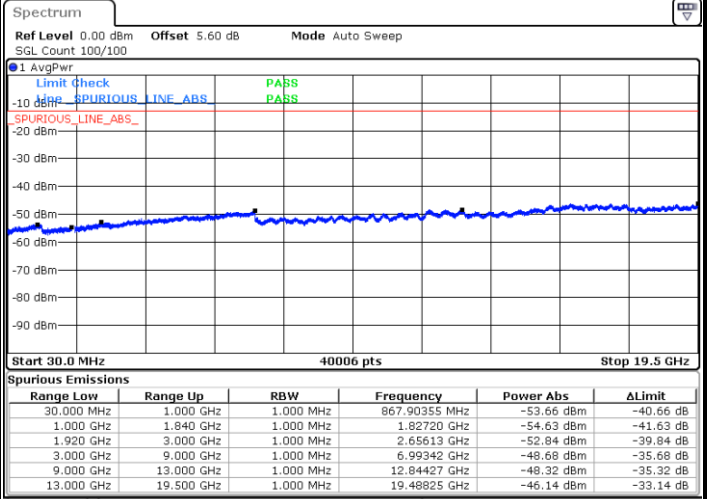
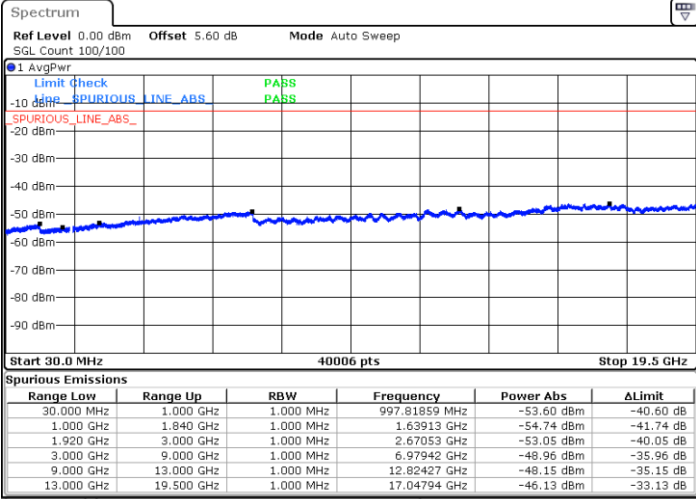
Date: 20 DEC 2020 15:39:45



FR1 n25 / 20MHz / DFT-S OFDM / QPSK

Lowest Channel / 1RB1

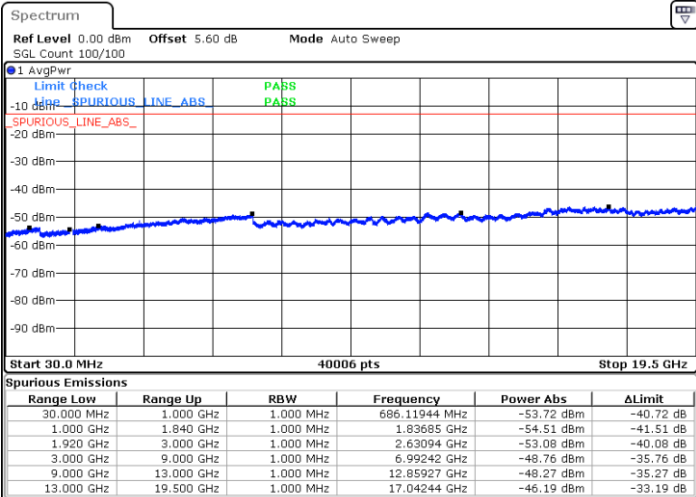
Middle Channel / 1RB1



Date: 20 DEC.2020 15:40:27

Date: 20 DEC.2020 15:41:09

Highest Channel / 1RB1



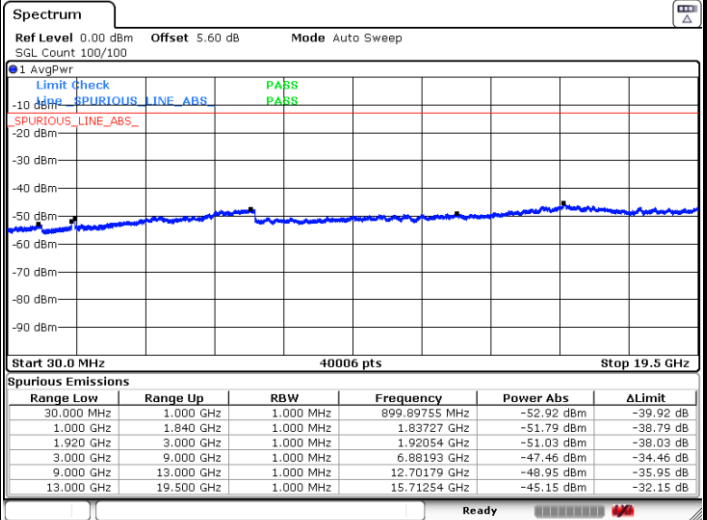
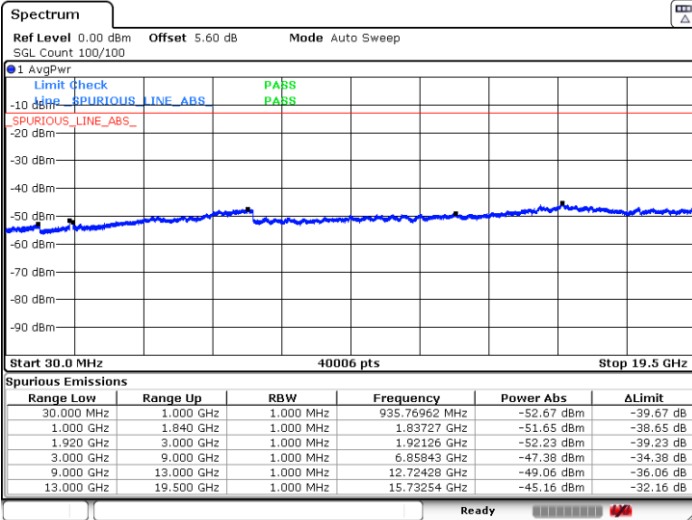
Date: 20 DEC.2020 15:41:50



FR1 n25 / 25MHz / DFT-S OFDM / QPSK

Lowest Channel / 1RB1

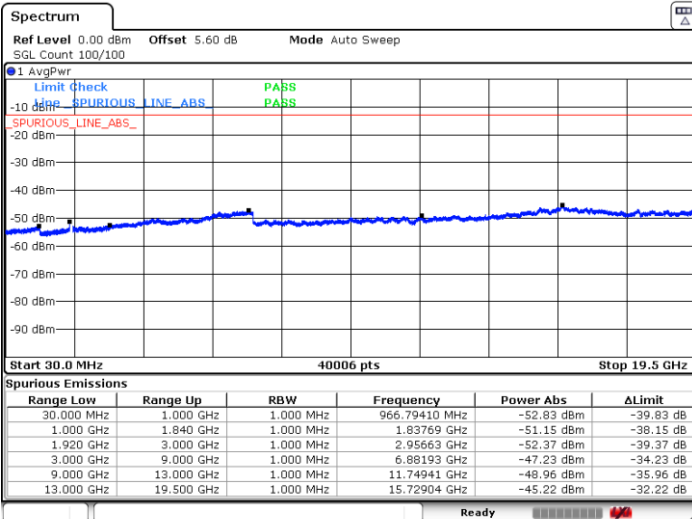
Middle Channel / 1RB1



Date: 28.DEC.2020 21:52:16

Date: 28.DEC.2020 21:53:42

Highest Channel / 1RB1



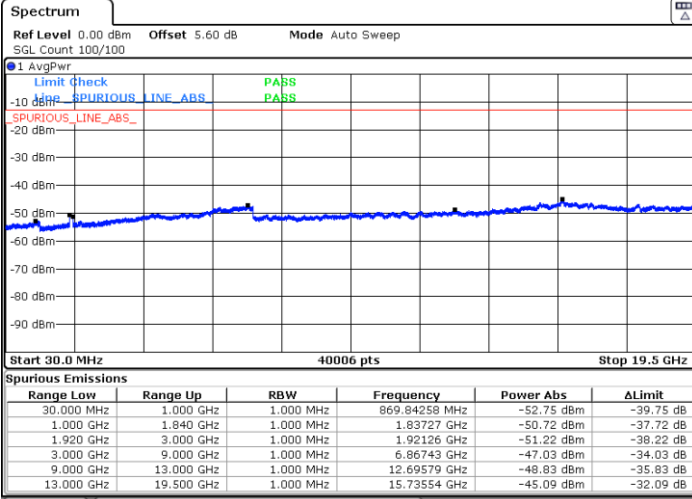
Date: 28.DEC.2020 21:54:55



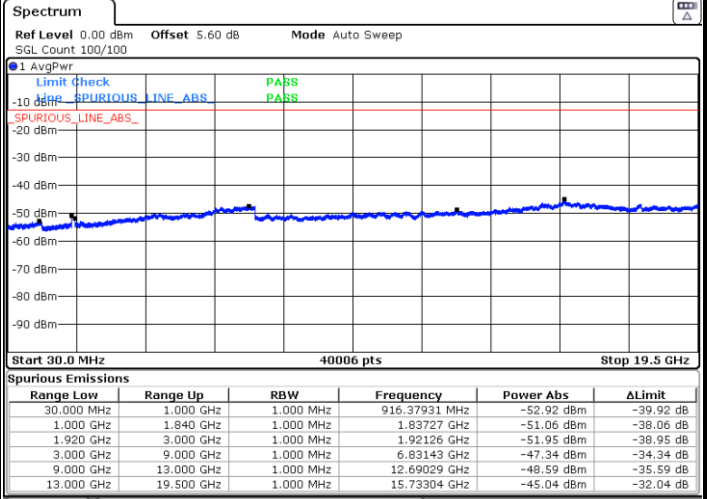
FR1 n25 / 30MHz / DFT-S OFDM / QPSK

Lowest Channel / 1RB1

Middle Channel / 1RB1

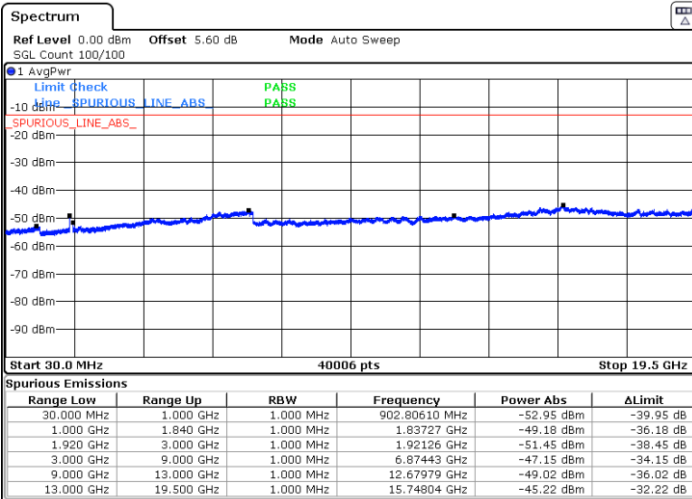


Date: 28.DEC.2020 21:55:32



Date: 28.DEC.2020 21:56:52

Highest Channel / 1RB1



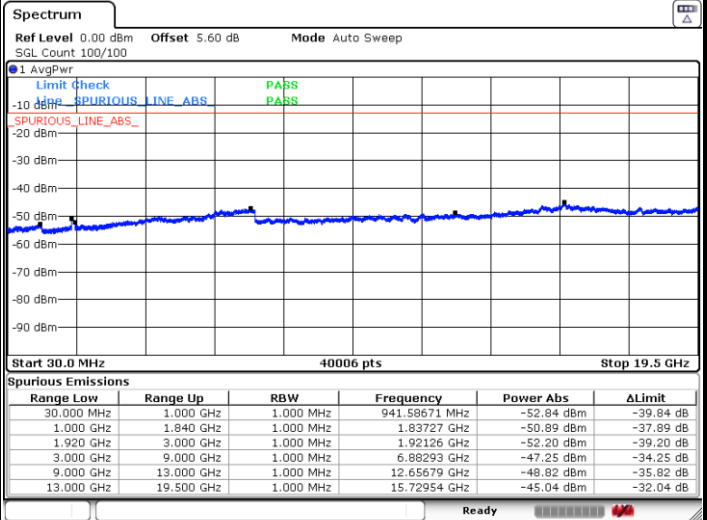
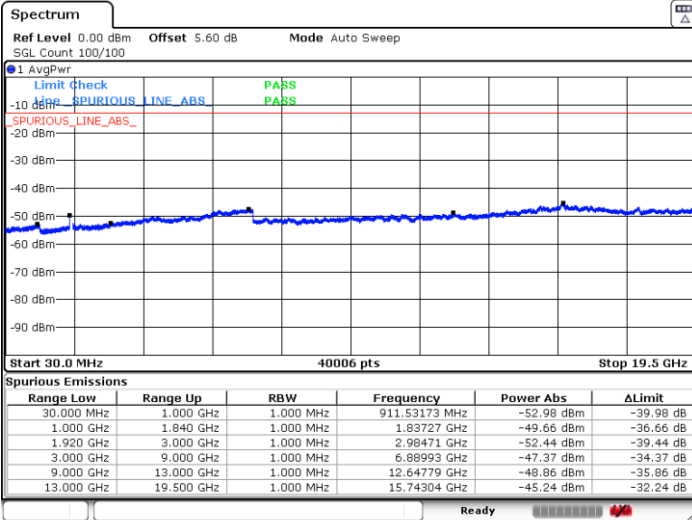
Date: 28.DEC.2020 21:57:28



FR1 n25 / 40MHz / DFT-S OFDM / QPSK

Lowest Channel / 1RB1

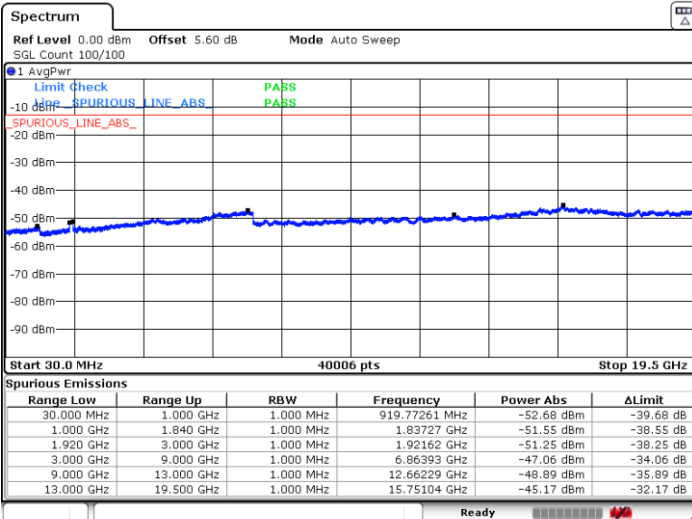
Middle Channel / 1RB1



Date: 28.DEC.2020 21:58:36

Date: 28.DEC.2020 21:59:46

Highest Channel / 1RB1



Date: 28.DEC.2020 22:00:24



Frequency Stability

Test Conditions		FR1 n25 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 40MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0003	PASS
40	Normal Voltage	0.0033	
30	Normal Voltage	0.0005	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0027	
0	Normal Voltage	0.0013	
-10	Normal Voltage	0.0034	
-20	Normal Voltage	0.0006	
-30	Normal Voltage	0.0028	
20	Maximum Voltage	0.0004	
20	Normal Voltage	0.0027	
20	Battery End Point	0.0012	

Note:

1. Normal Voltage =7.74V. ; Battery End Point (BEP) =7.3 V. ; Maximum Voltage =8.7 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



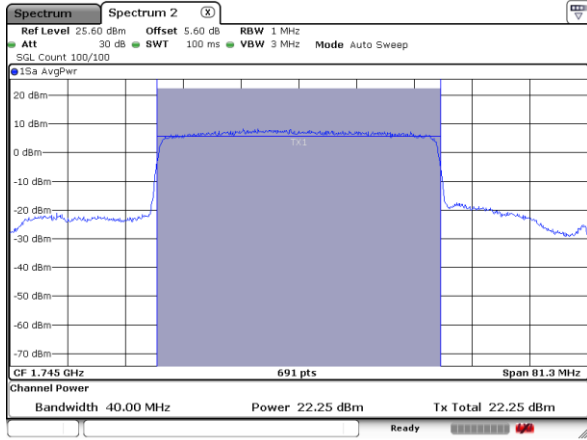
FR1 n66

Peak-to-Average Ratio

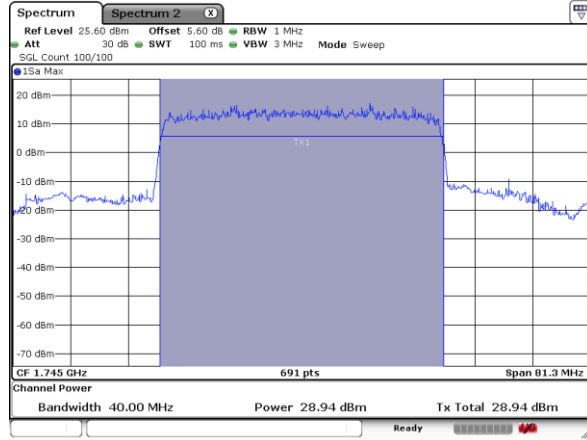
Mode	FR1 n66 / 20MHz / DFT-S OFDM				
Mod.	PI/2 BPSK	QPSK	16QAM	64QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Full RB	Result
Middle CH	6.69	6.88	6.79	60.86	PASS
Mode	FR1 n66 / 20MHz / DFT-S OFDM				
Mod.	256QAM				Limit: 13dB
RB Size	Full RB				Result
Middle CH	6.79				PASS



BPSK

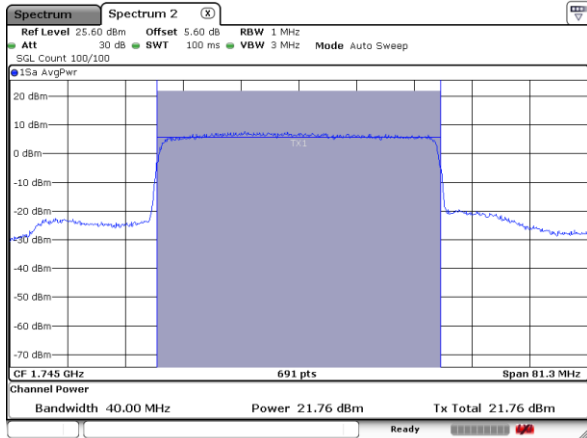


Date: 24 DEC 2020 04:24:59

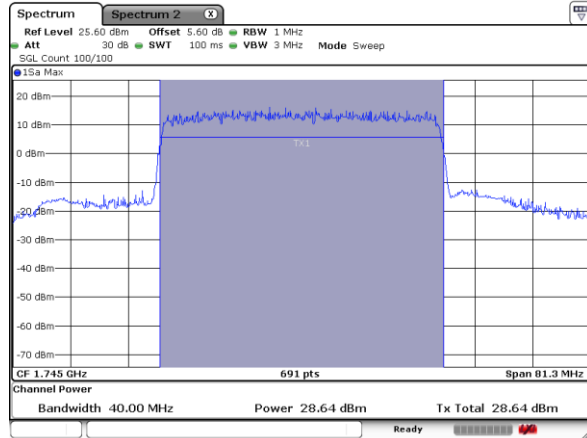


Date: 24 DEC 2020 04:24:26

QPSK

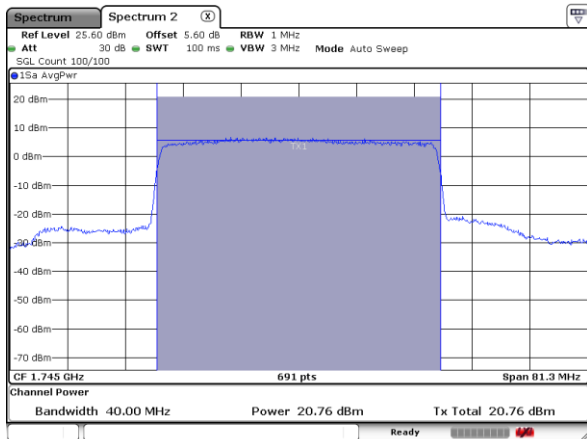


Date: 24 DEC 2020 04:23:26

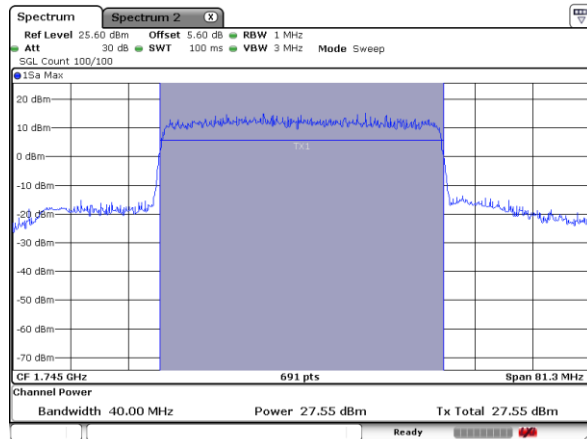


Date: 24 DEC 2020 04:24:01

16QAM



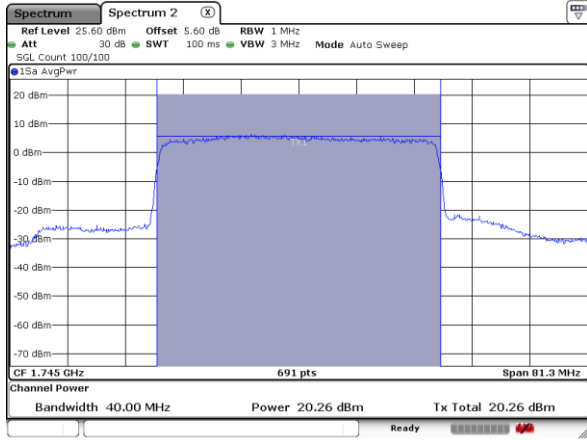
Date: 24 DEC 2020 04:25:53



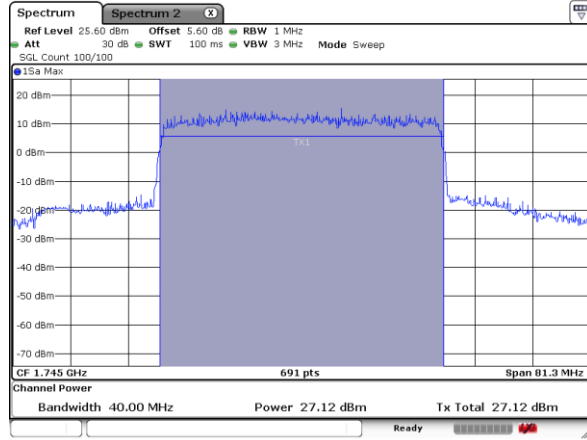
Date: 24 DEC 2020 04:26:27



64QAM

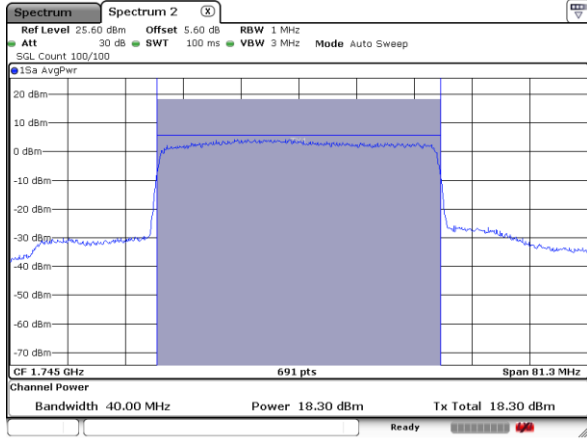


Date: 24 DEC 2020 04:27:37

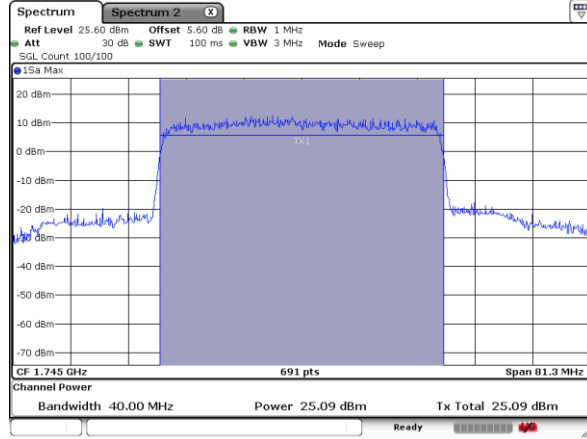


Date: 24 DEC 2020 04:27:04

256QAM



Date: 24 DEC 2020 04:29:08

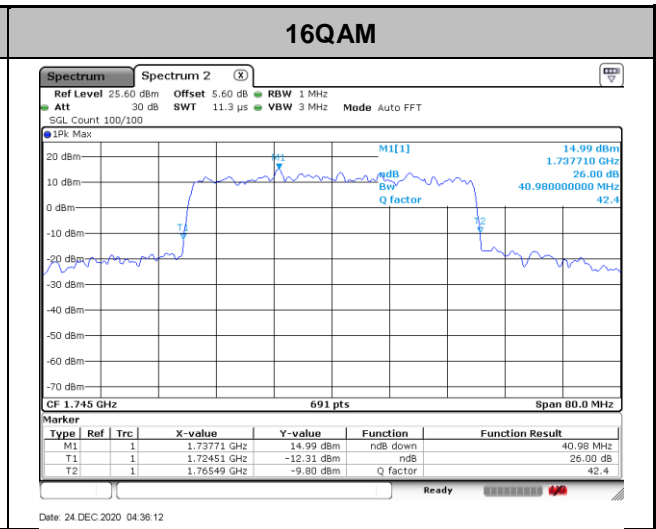
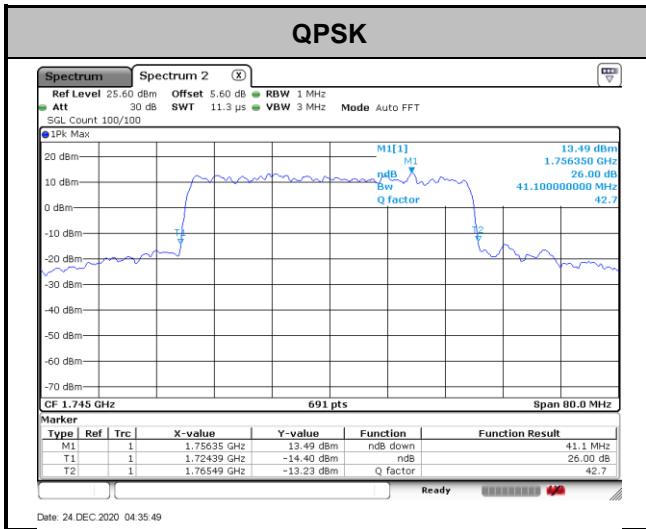


Date: 24 DEC 2020 04:29:30



26dB Bandwidth

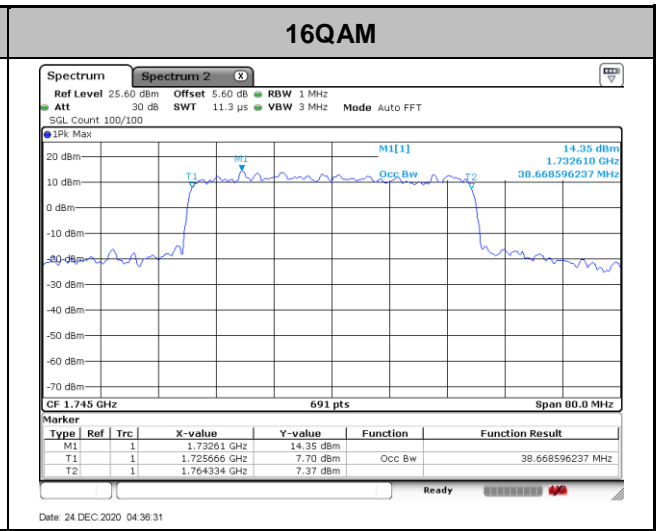
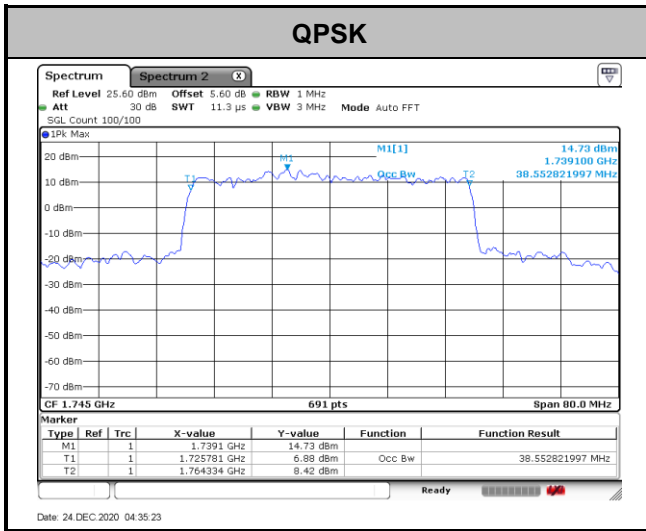
Mode	FR1 n66 : 26dB BW(MHz) / DFT-S OFDM							
BW	40M							
Mod.	QPSK	16QAM						
Middle CH	41.4	40.98						





Occupied Bandwidth

Mode	FR1 n66 : 99%OBW(MHz) / DFT-S OFDM						
BW	40M						
Mod.	QPSK	16QAM					
Middle CH	38.55	38.67					





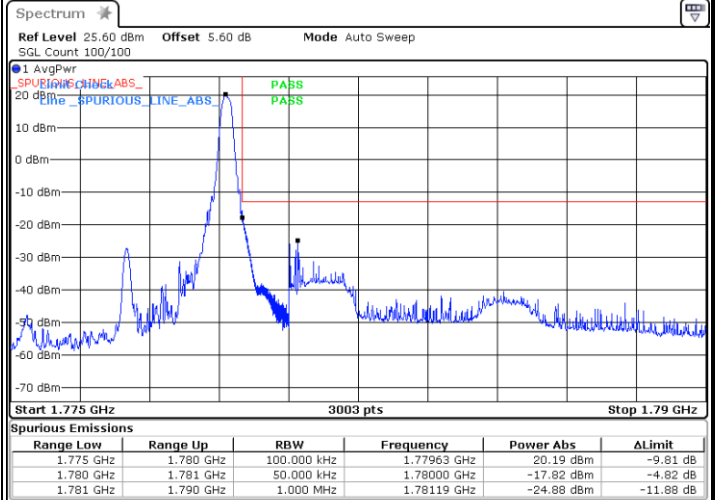
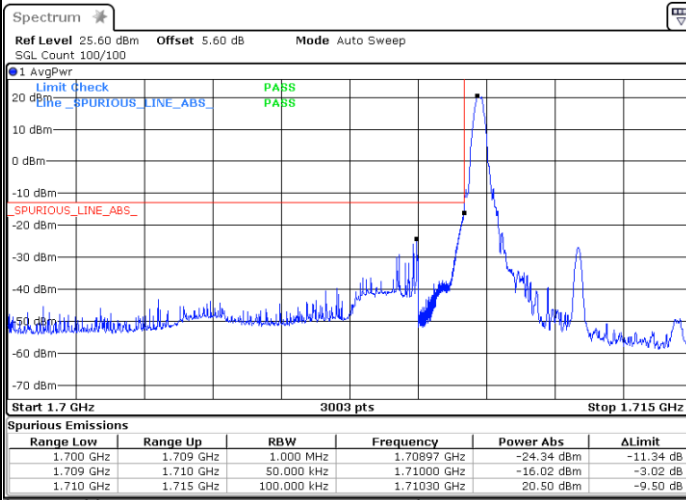
Conducted Band Edge



FR1 n66 / 5MHz / DFT-S OFDM / PI/2 BPSK

Lowest Band Edge / 1RB0

Highest Band Edge / 1RBMAX

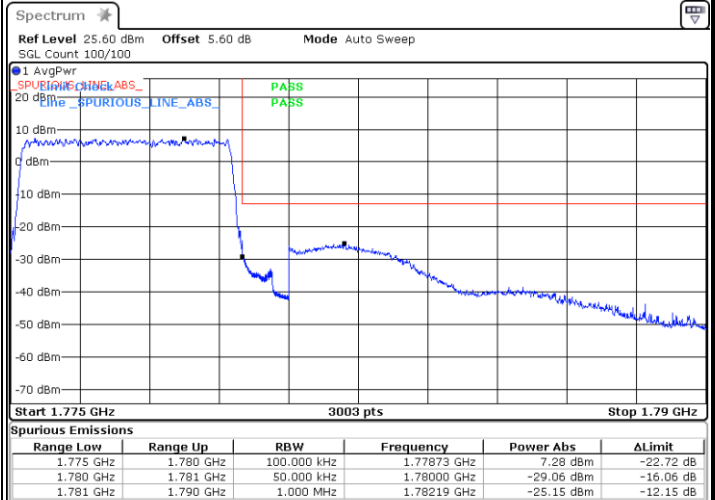
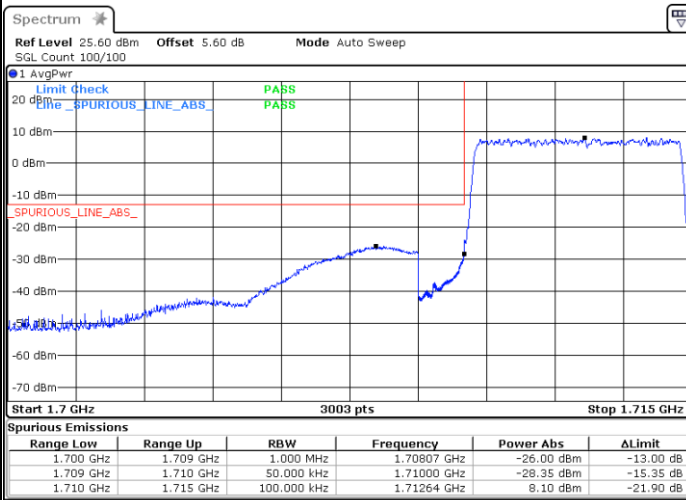


Date: 21.DEC.2020 13:21:49

Date: 21.DEC.2020 13:27:20

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 21.DEC.2020 12:13:21

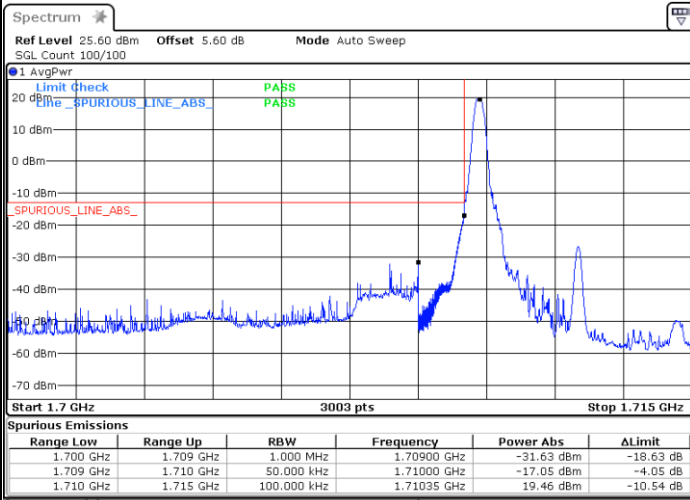
Date: 21.DEC.2020 13:24:49



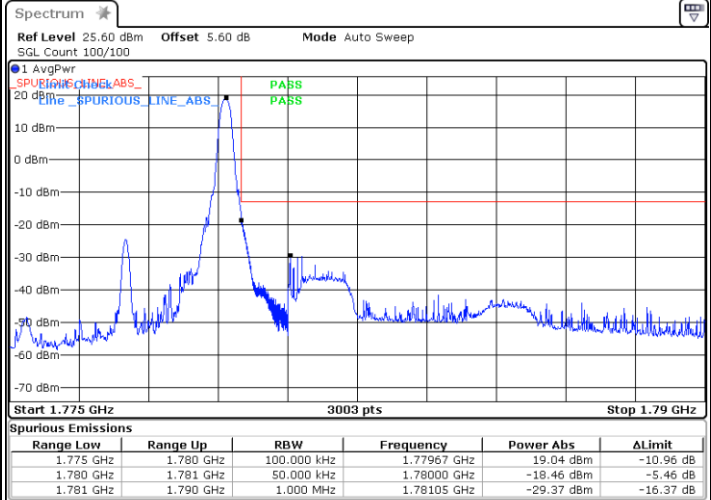
FR1 n66 / 5MHz / DFT-S OFDM / QPSK

Lowest Band Edge / 1RB0

Highest Band Edge / 1RBMAX



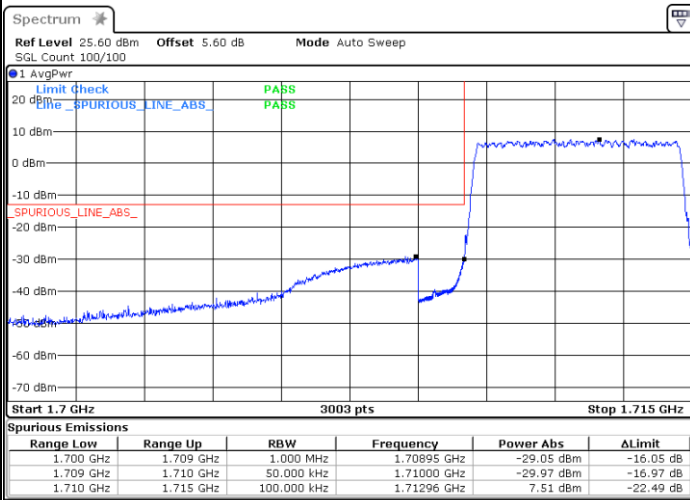
Date: 21 DEC 2020 13:22:13



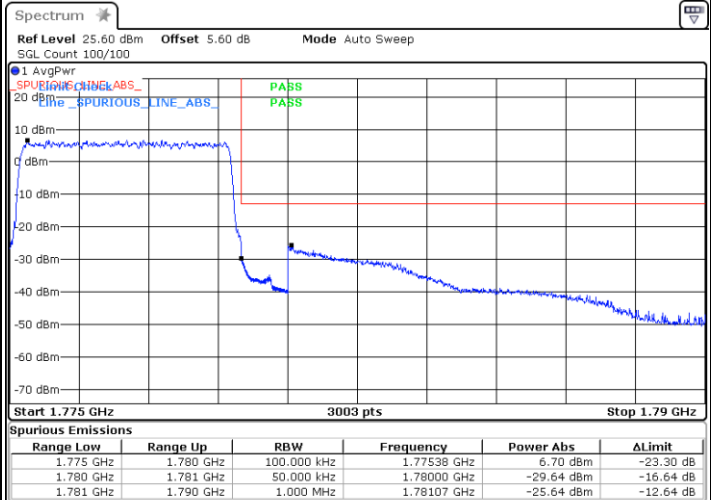
Date: 21 DEC 2020 13:27:43

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 21 DEC 2020 12:13:45



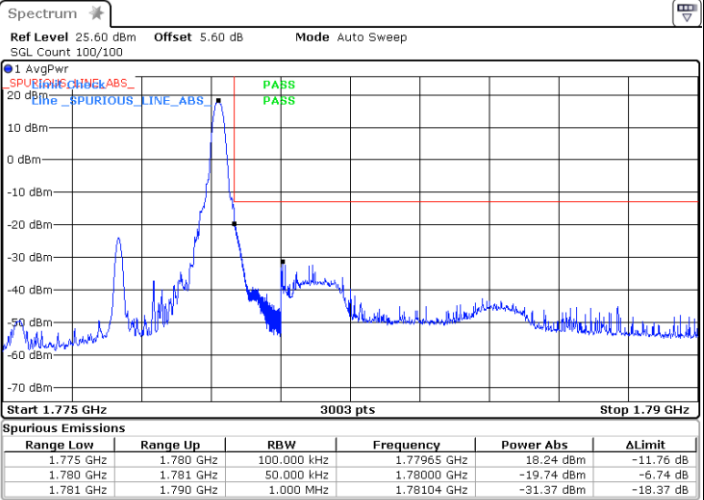
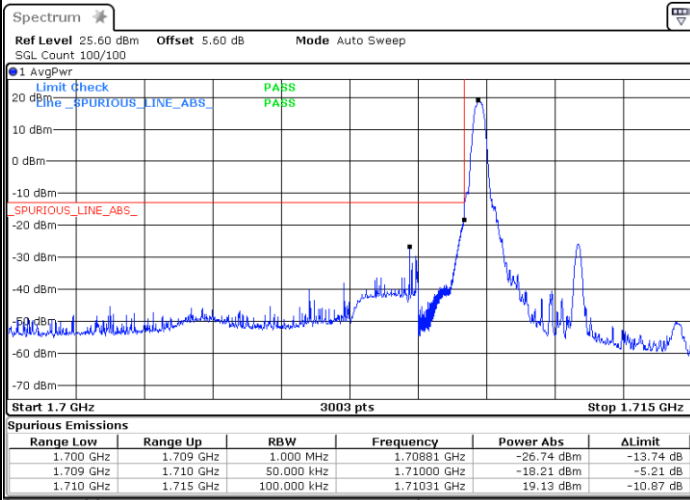
Date: 21 DEC 2020 13:25:16



FR1 n66 / 5MHz / DFT-S OFDM / 16Q

Lowest Band Edge / 1RB0

Highest Band Edge / 1RBMAX

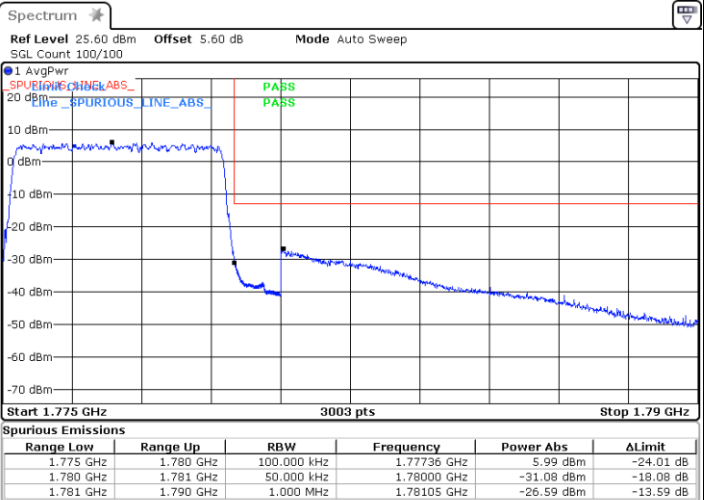
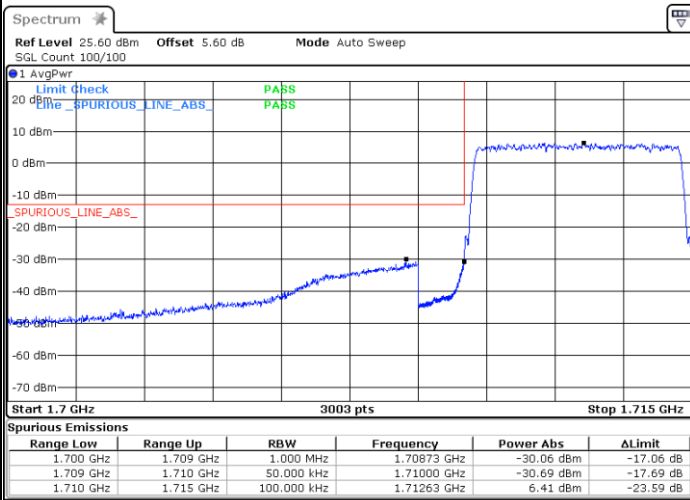


Date: 21.DEC.2020 13:22:36

Date: 21.DEC.2020 13:28:19

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 21.DEC.2020 12:15:53

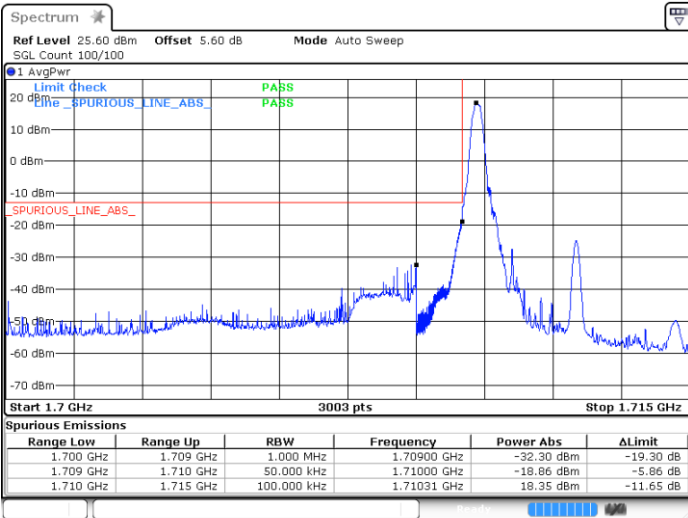
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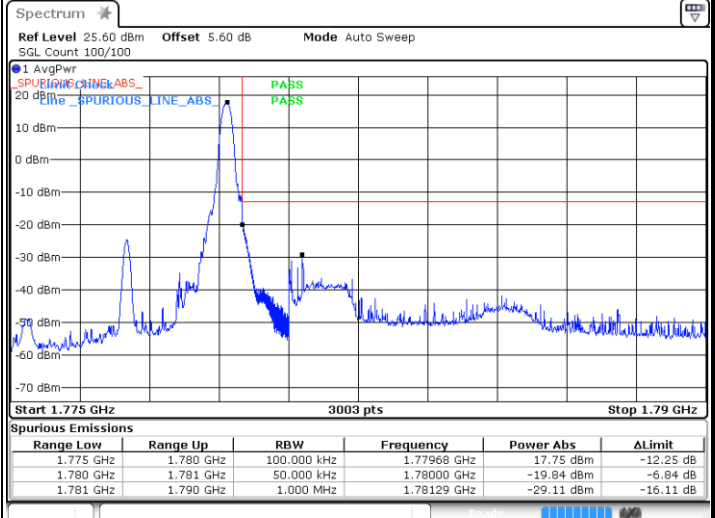
FR1 n66 / 5MHz / DFT-S OFDM / 64Q

Lowest Band Edge / 1RB0

Highest Band Edge / 1RBMAX



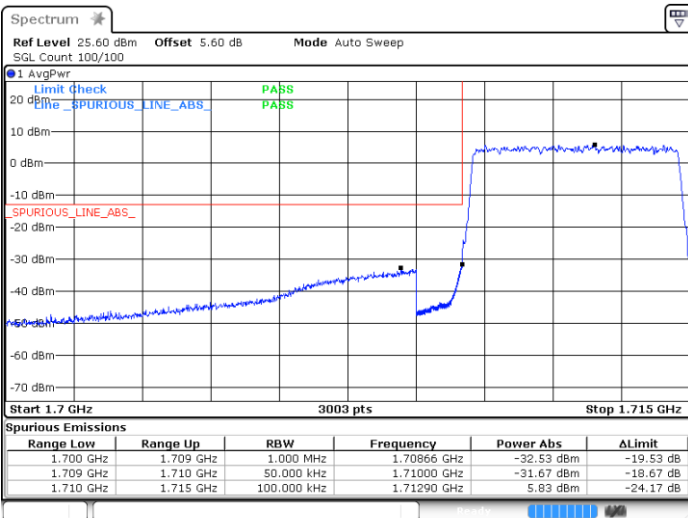
Date: 21 DEC 2020 13:23:00



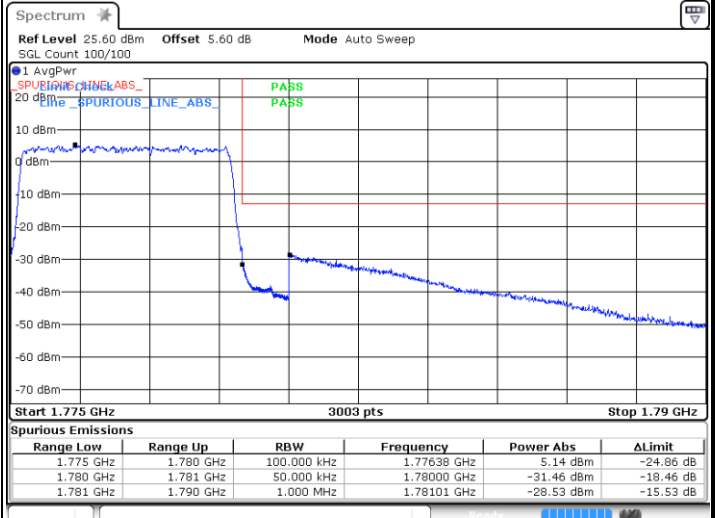
Date: 21 DEC 2020 13:29:15

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 21 DEC 2020 12:16:18



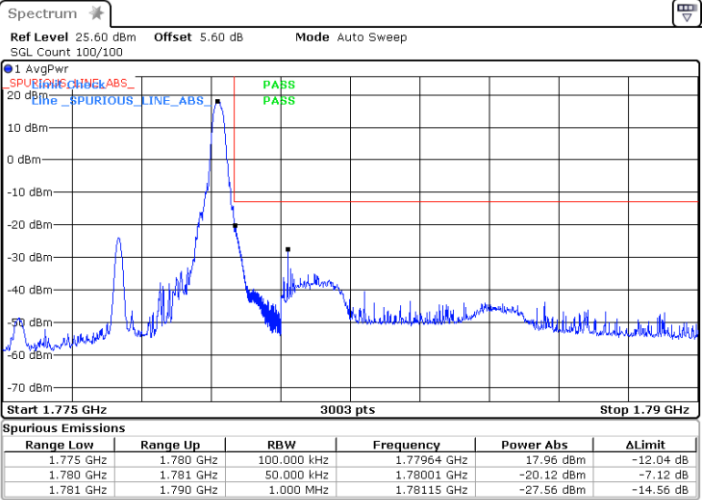
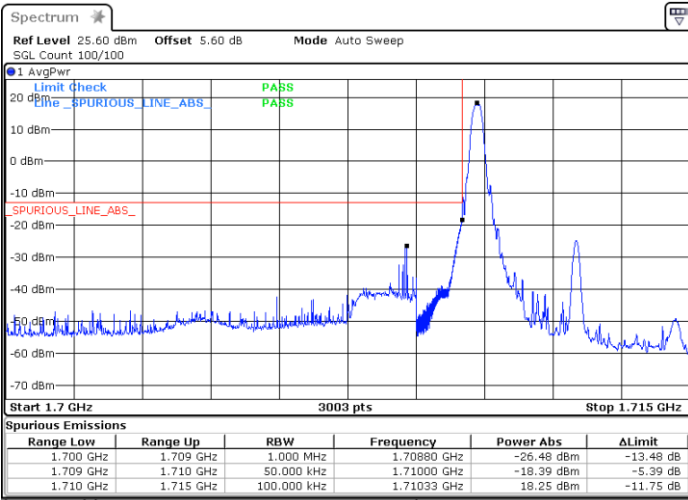
Date: 21 DEC 2020 13:26:13



FR1 n66 / 5MHz / DFT-S OFDM / 256Q

Lowest Band Edge / 1RB0

Highest Band Edge / 1RBMAX

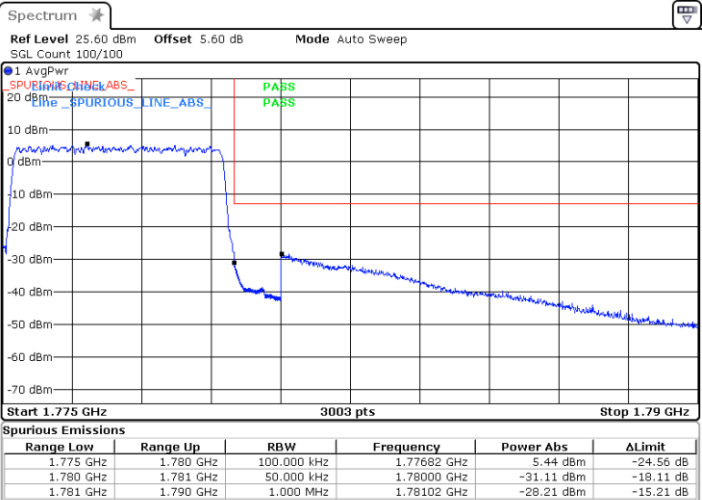
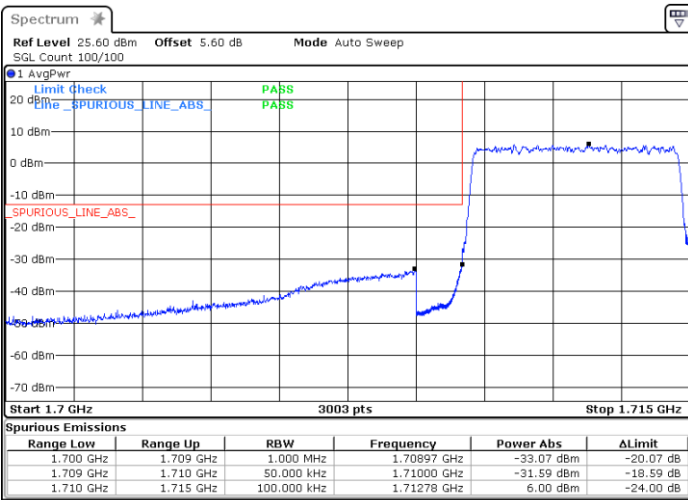


Date: 21.DEC.2020 13:23:37

Date: 21.DEC.2020 13:33:07

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



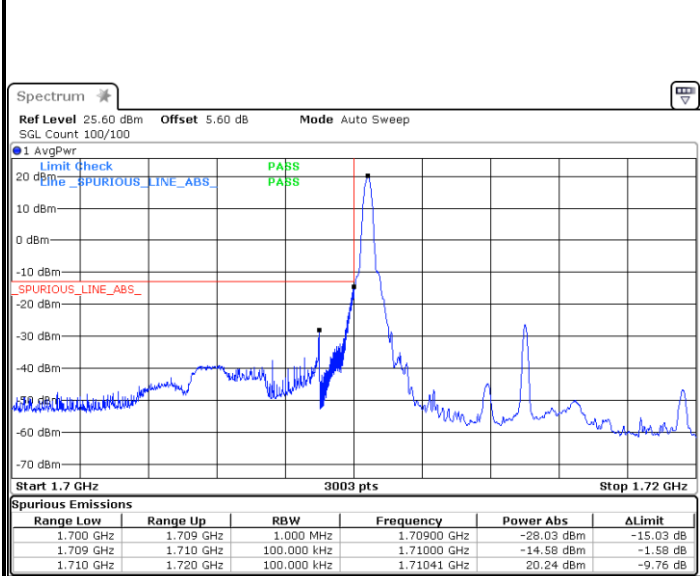
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Date: 21.DEC.2020 13:26:41



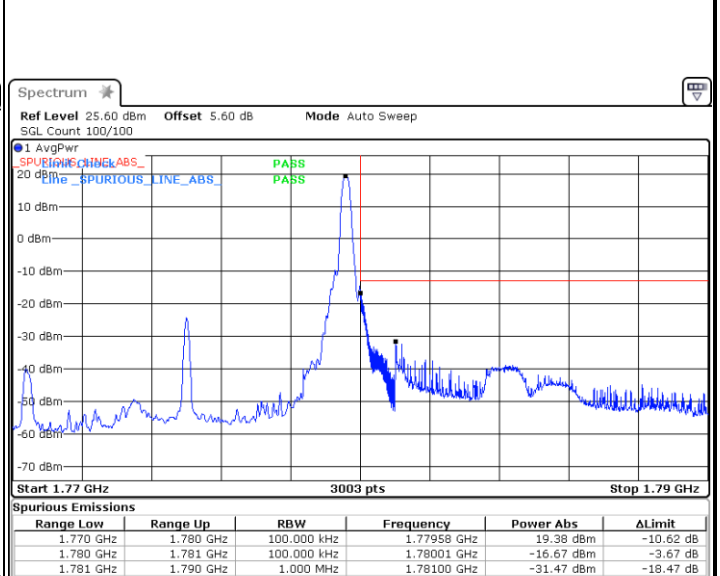
FR1 n66 / 10MHz / DFT-s-OFDM / PI/2 BPSK

Lowest Band Edge / 1RB0



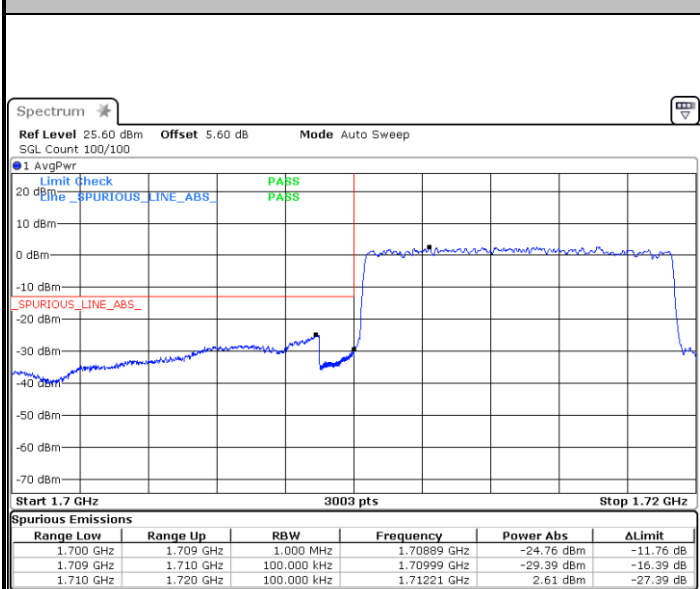
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Highest Band Edge / 1RBMAX



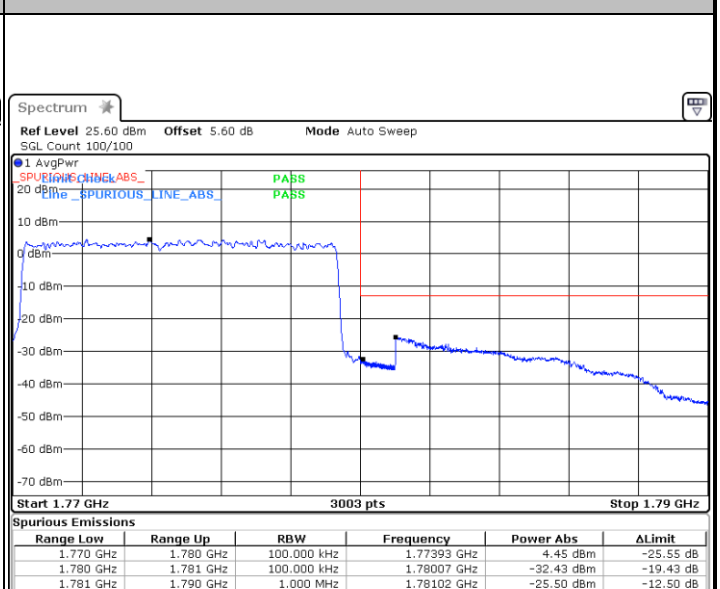
Date: 21.DEC.2020 13:49:51

Lowest Band Edge / Full RB



Date: 21.DEC.2020 13:36:24

Highest Band Edge / Full RB



Date: 21.DEC.2020 13:48:17