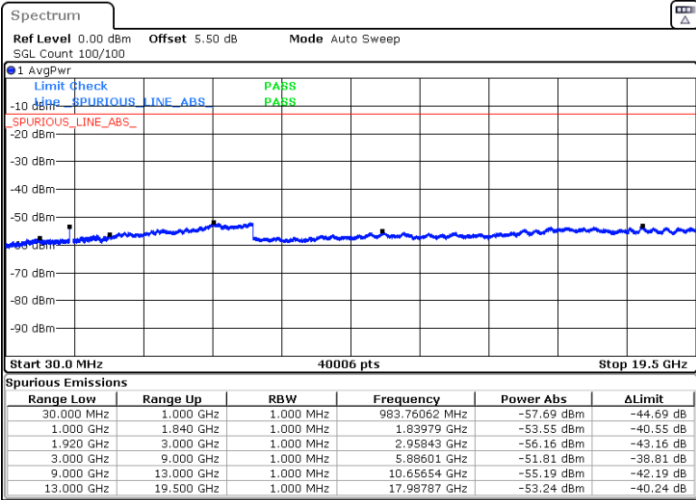




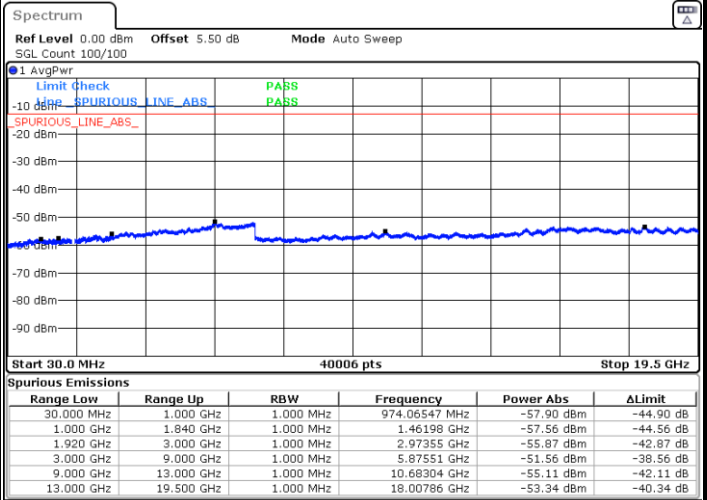
FR1 n25 / 20MHz / DFT-S OFDM / QPSK

Lowest Channel / 1RB1

Middle Channel / 1RB1

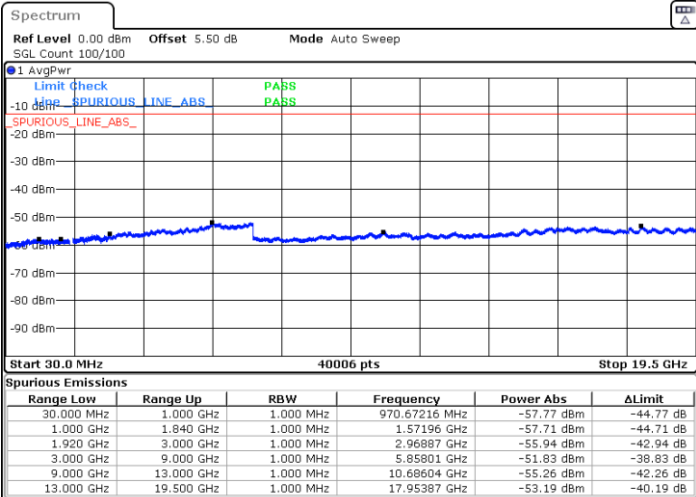


Date: 1.APR.2021 10:07:10



Date: 1.APR.2021 10:09:02

Highest Channel / 1RB1



Date: 1.APR.2021 10:24:04



Frequency Stability

Test Conditions		FR1 n25 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 20MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0005	PASS
40	Normal Voltage	0.0031	
30	Normal Voltage	0.0006	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0022	
0	Normal Voltage	0.0011	
-10	Normal Voltage	0.0033	
-20	Normal Voltage	0.0008	
-30	Normal Voltage	0.0022	
20	Maximum Voltage	0.0006	
20	Normal Voltage	0.0022	
20	Battery End Point	0.0011	

Note:

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



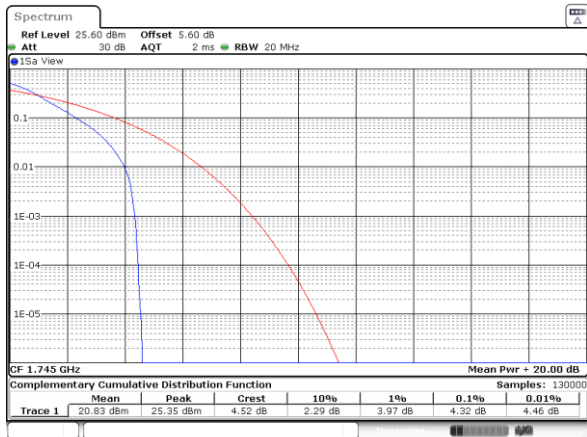
FR1 n66

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
					PASS
Middle CH	4.32	4.32	5.54	5.97	
Mode	FR1 n66 / 20MHz / DFT-S OFDM				
Mod.	256QAM				Limit: 13dB
RB Size	Full RB				Result
					PASS
Middle CH	6.58				

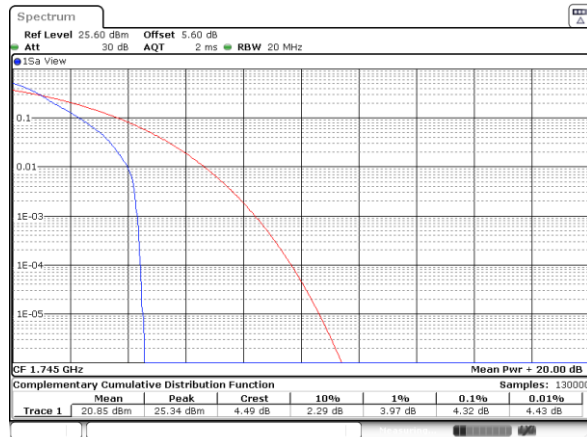


BPSK



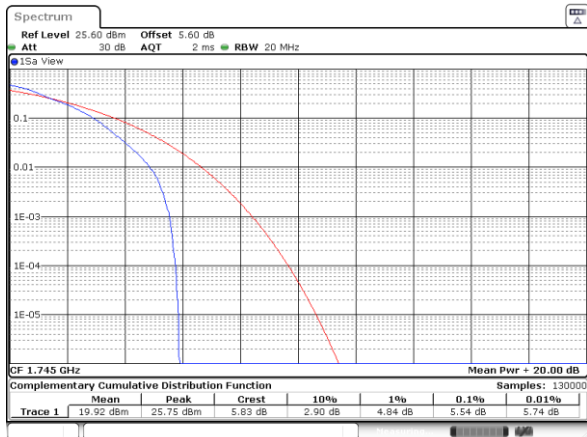
Date: 1.APR.2021 13:53:06

QPSK



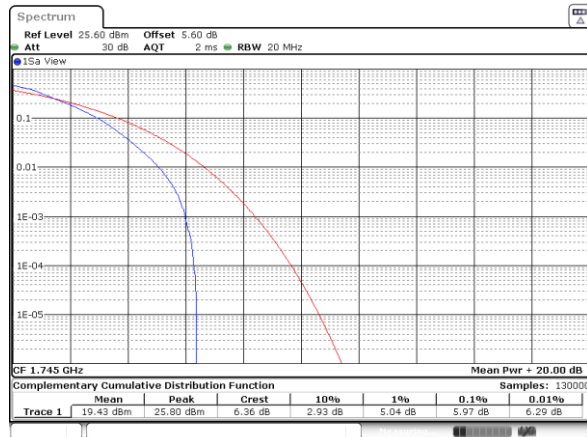
Date: 1.APR.2021 13:53:14

16QAM



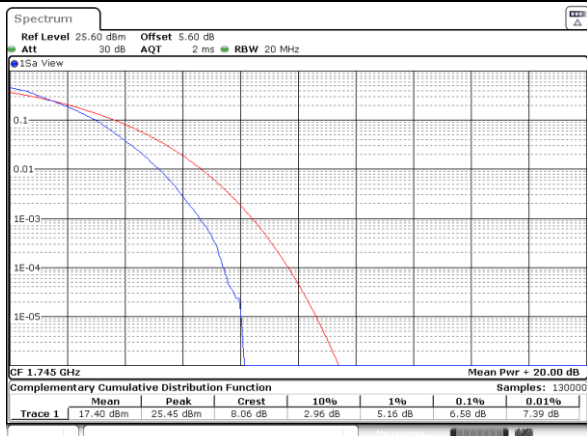
Date: 1.APR.2021 13:53:26

64QAM



Date: 1.APR.2021 13:53:36

256QAM

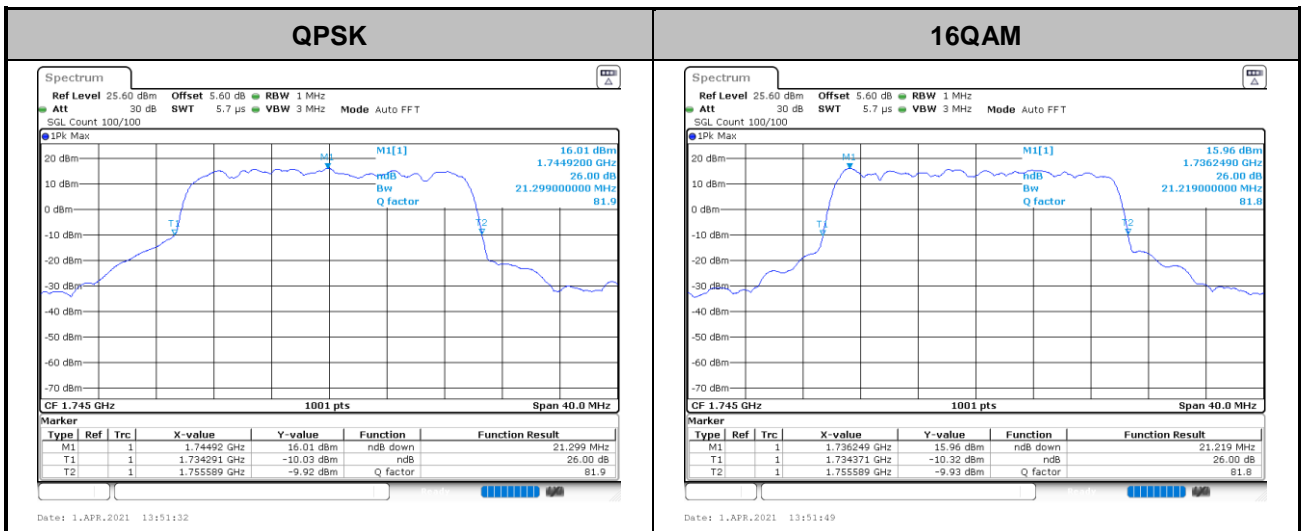


Date: 1.APR.2021 13:53:48



26dB Bandwidth

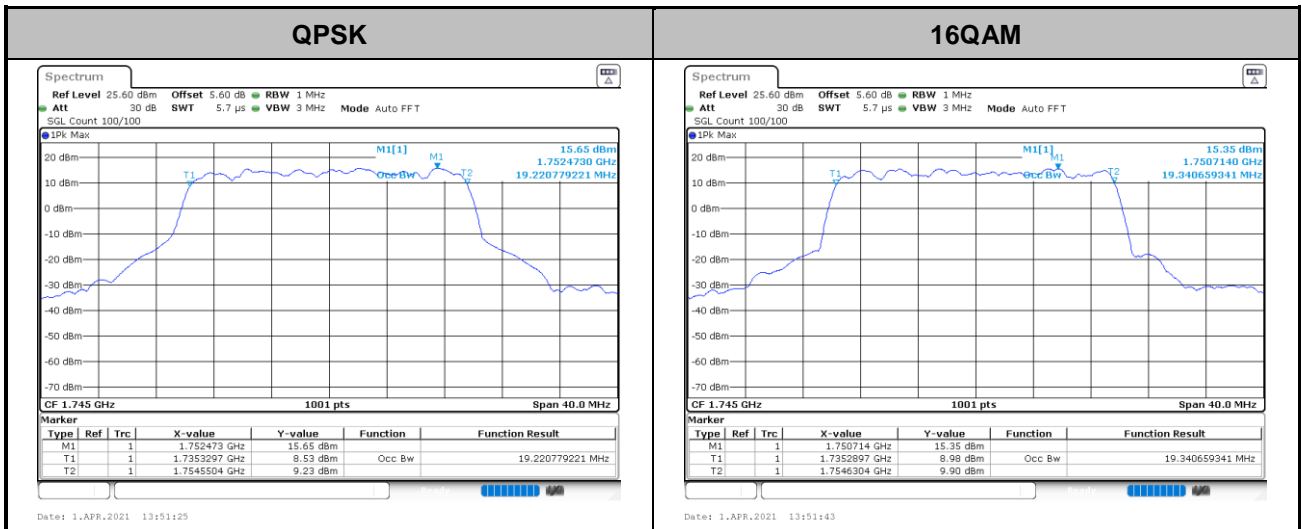
Mode	FR1 n66 : 26dB BW(MHz) / DFT-S OFDM						
BW	20M						
Mod.	QPSK	16QAM					
Middle CH	21.299	21.219					





Occupied Bandwidth

Mode	FR1 n66 : 99%OBW(MHz) / DFT-S OFDM						
BW	20M						
Mod.	QPSK	16QAM					
Middle CH	19.221	19.341					





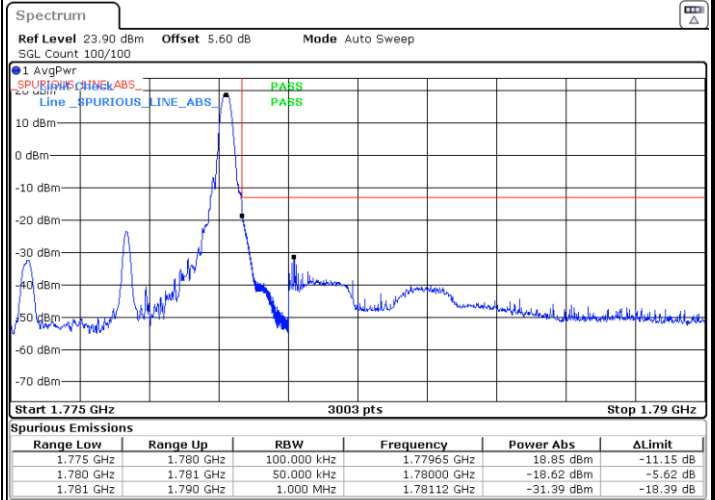
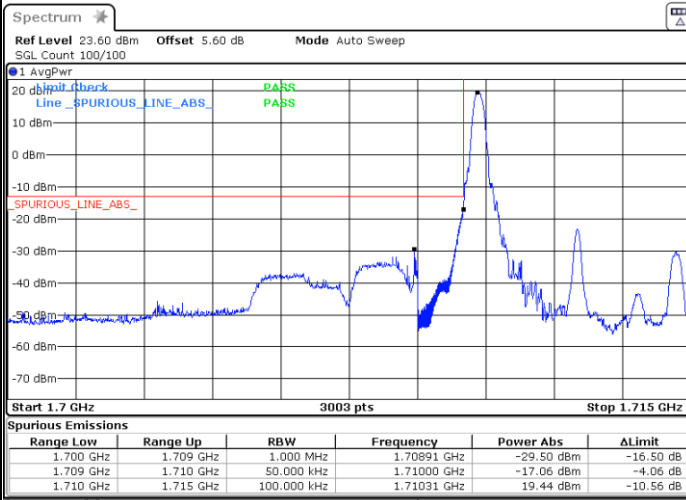
Conducted Band Edge



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

Lowest Band Edge / 1RB0

Highest Band Edge / 1RBMAX

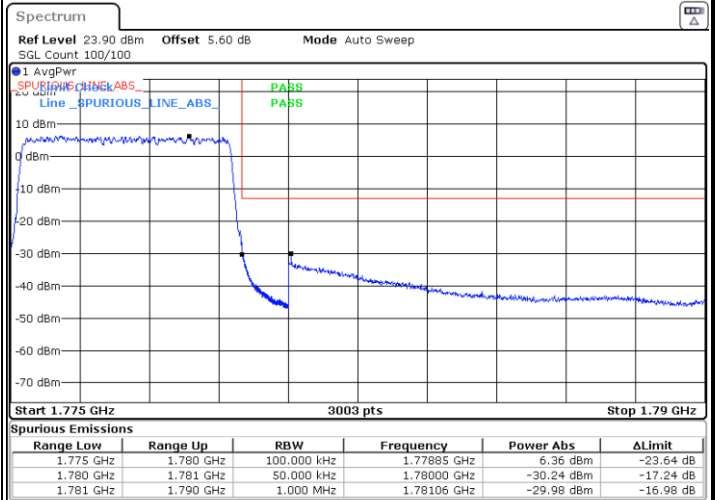
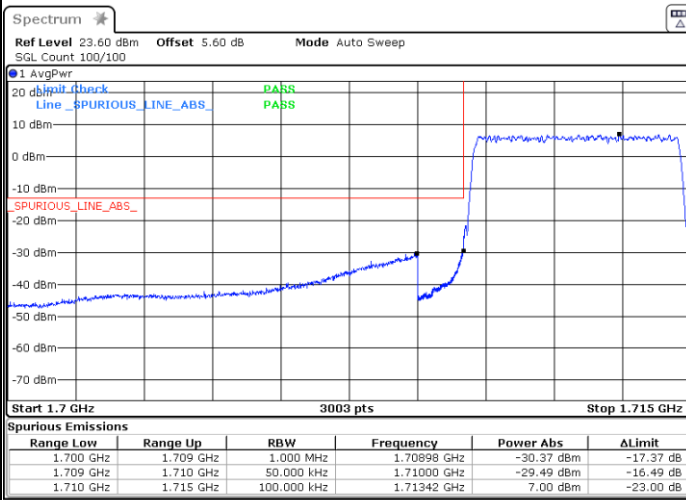


Date: 1.APR.2021 12:42:28

Date: 1.APR.2021 12:51:25

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 1.APR.2021 12:47:49

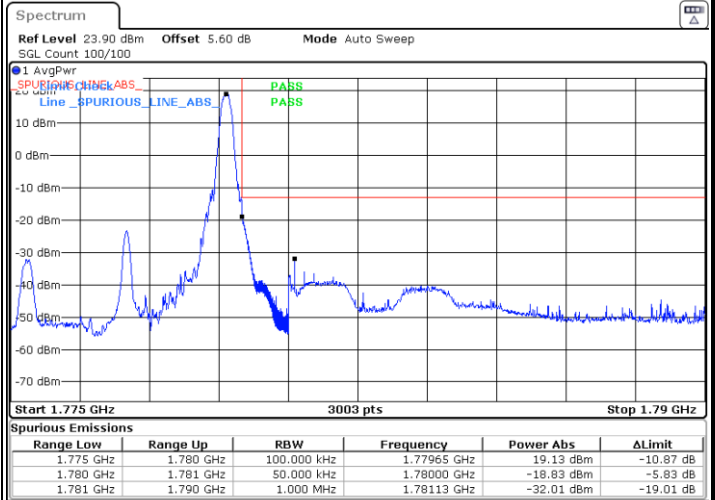
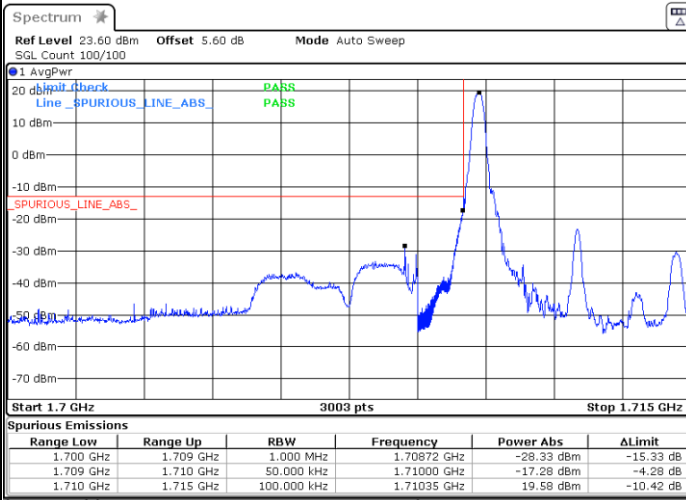
Date: 1.APR.2021 12:53:10



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

Lowest Band Edge / 1RB0

Highest Band Edge / 1RBMAX

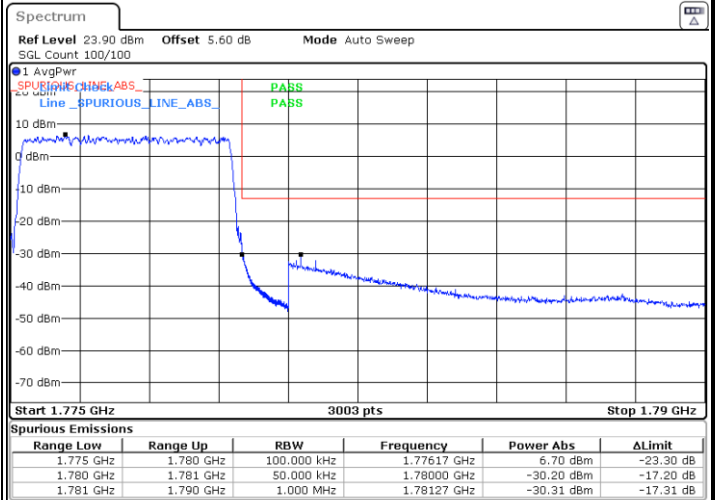
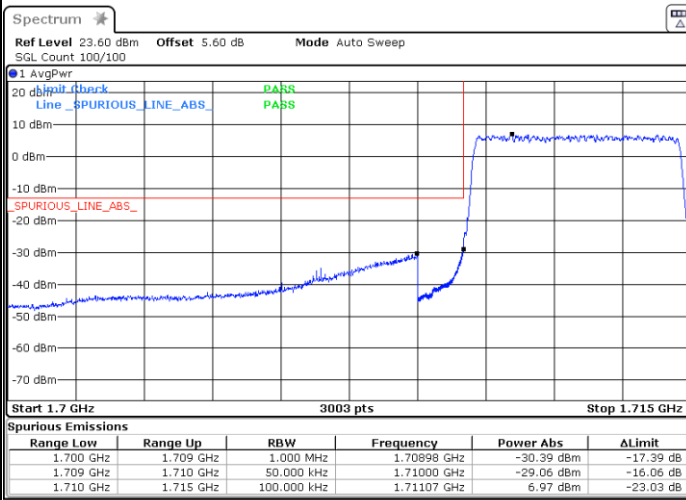


Date: 1.APR.2021 12:42:55

Date: 1.APR.2021 12:51:43

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 1.APR.2021 12:48:12

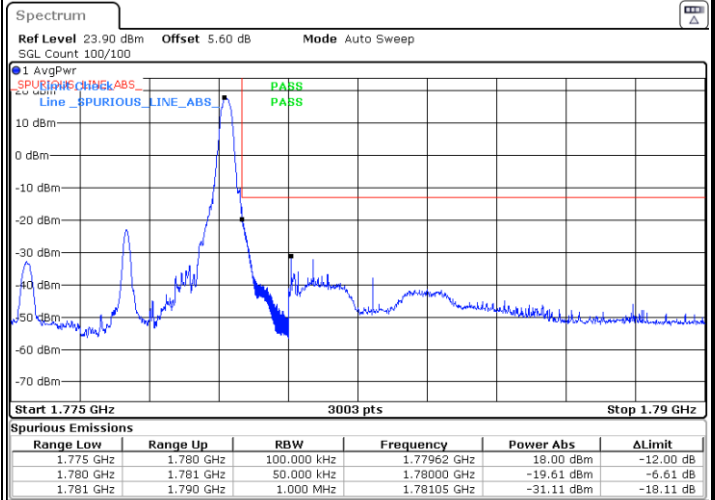
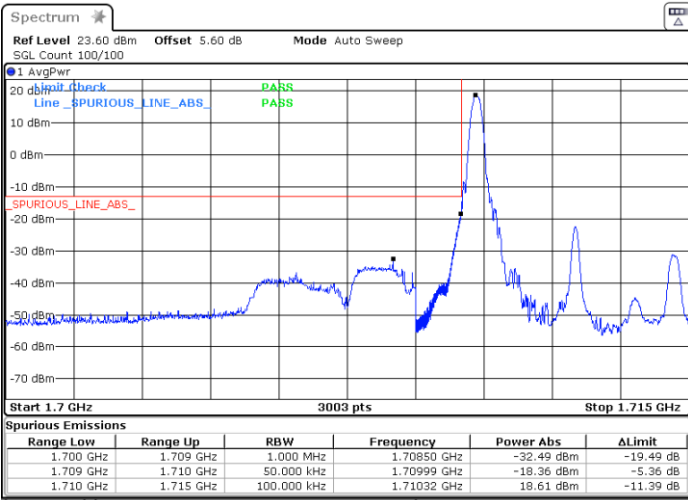
Date: 1.APR.2021 12:53:28



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

Lowest Band Edge / 1RB0

Highest Band Edge / 1RBMAX

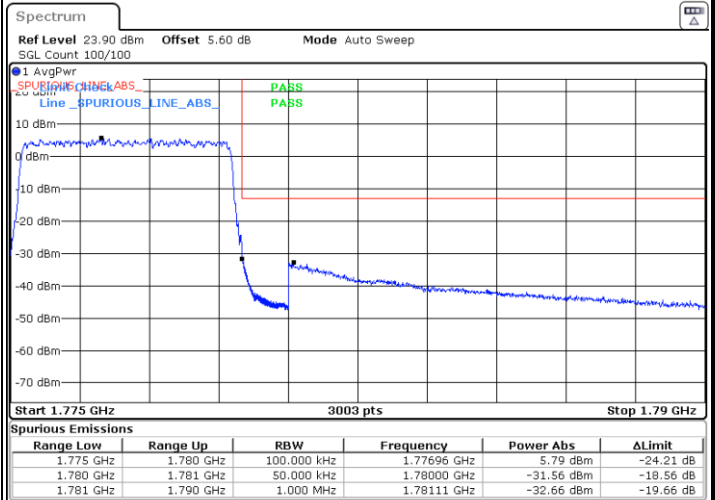
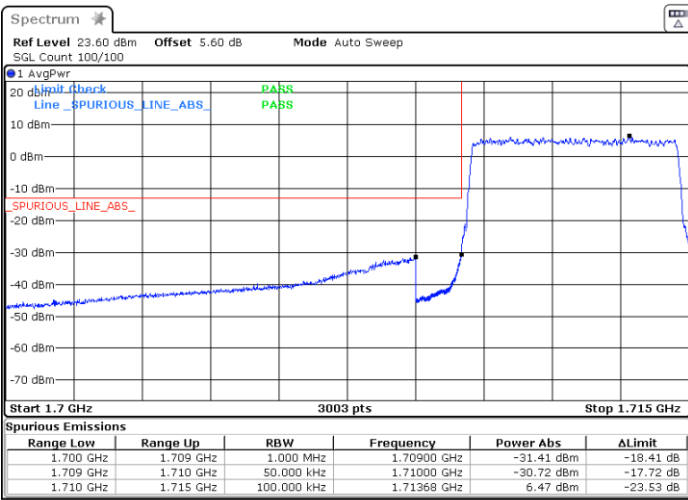


Date: 1.APR.2021 12:43:23

Date: 1.APR.2021 12:52:03

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 1.APR.2021 12:48:40

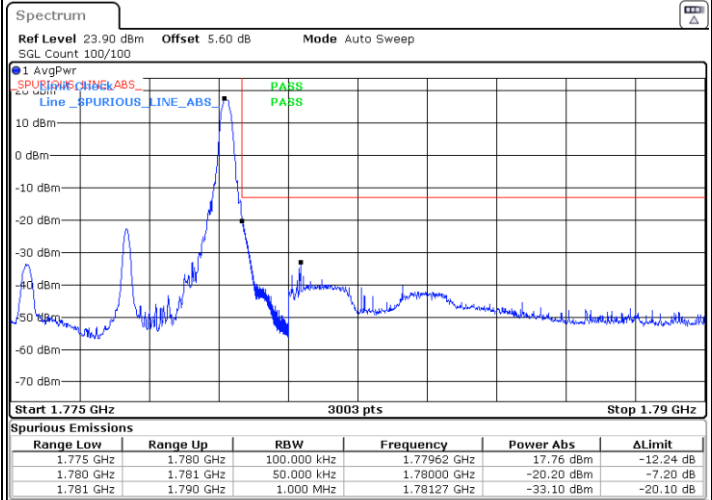
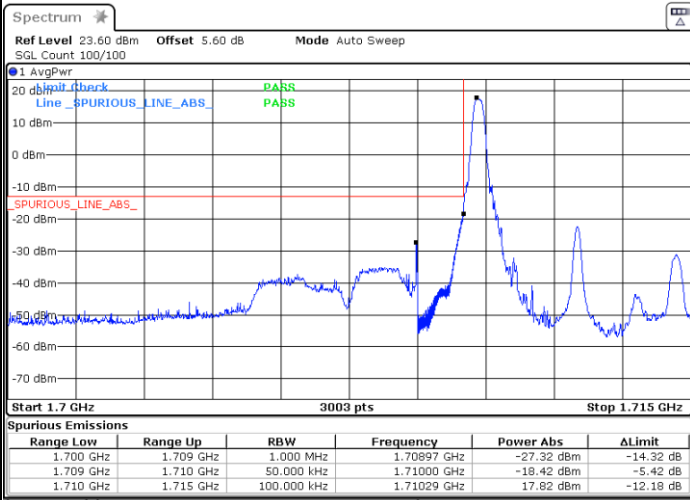
Date: 1.APR.2021 12:53:49



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

Lowest Band Edge / 1RB0

Highest Band Edge / 1RBMAX

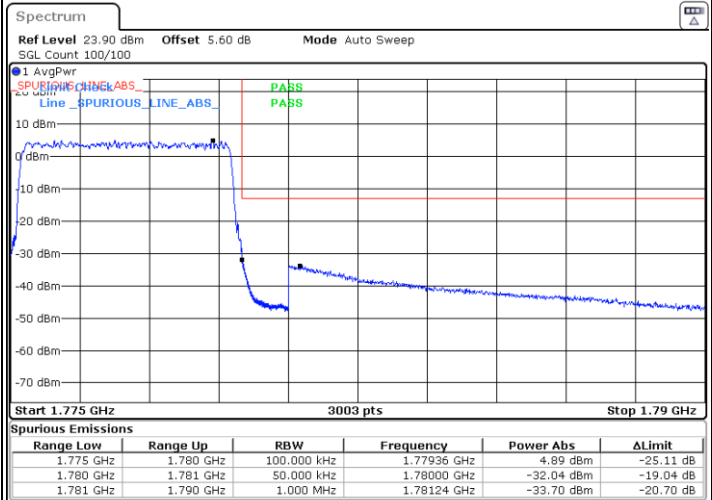
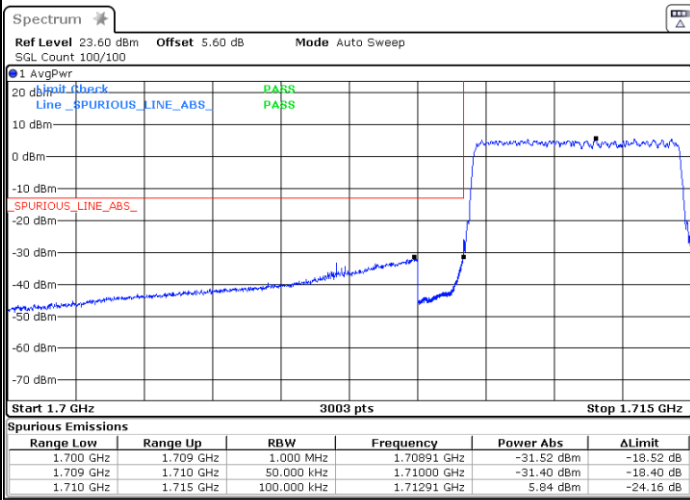


Date: 1.APR.2021 12:46:31

Date: 1.APR.2021 12:52:23

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 1.APR.2021 12:49:05

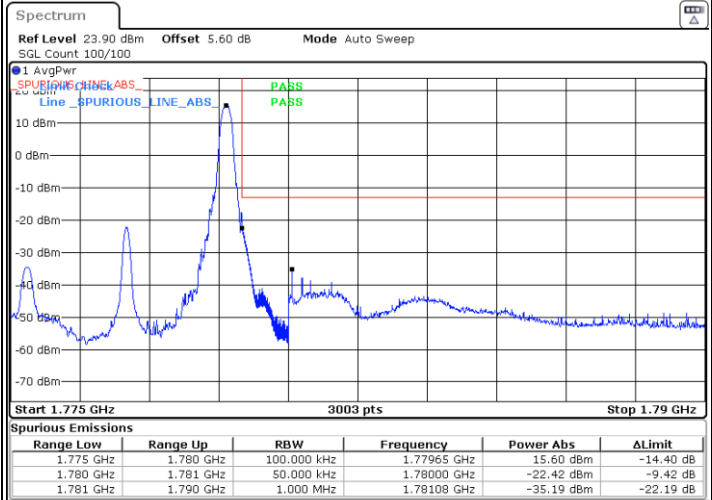
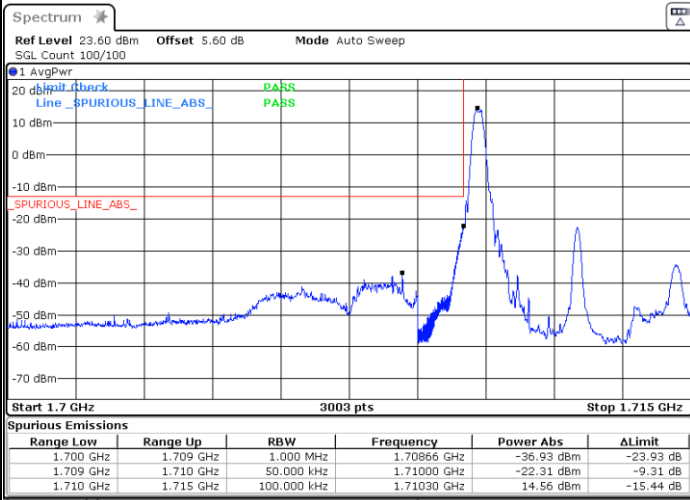
Date: 1.APR.2021 12:54:11



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

Lowest Band Edge / 1RB0

Highest Band Edge / 1RBMAX

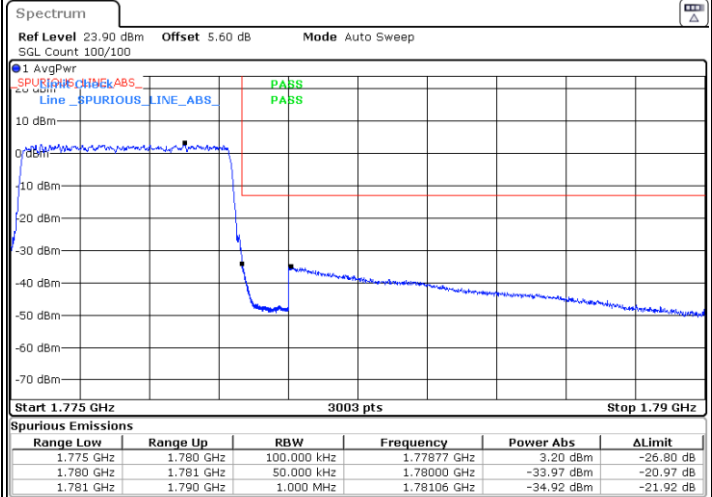
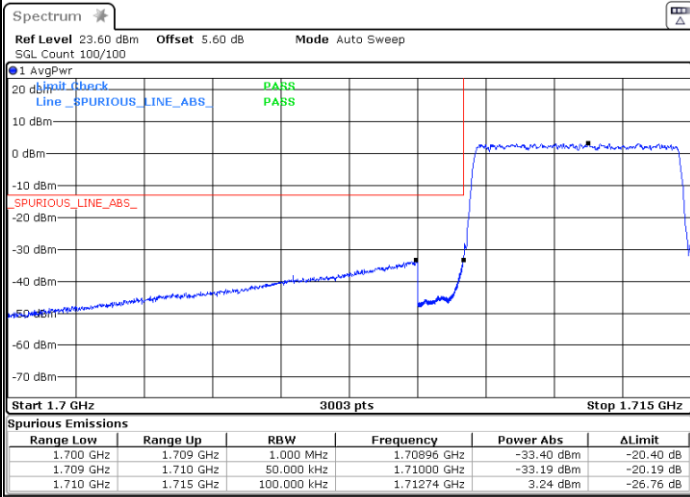


Date: 1.APR.2021 12:46:57

Date: 1.APR.2021 12:52:43

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 1.APR.2021 12:49:30

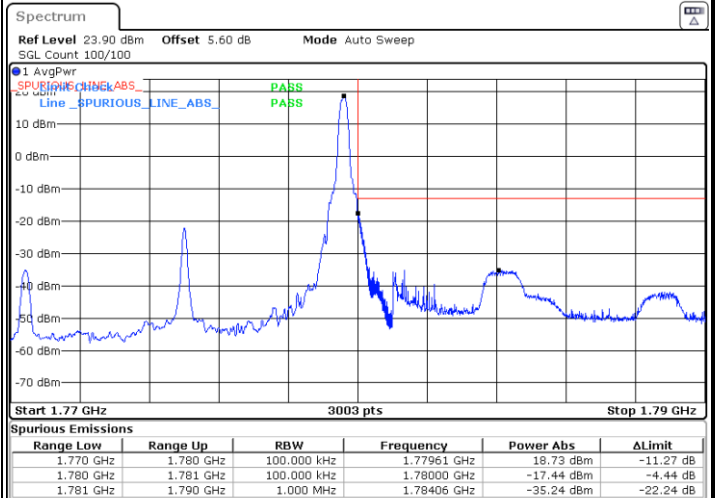
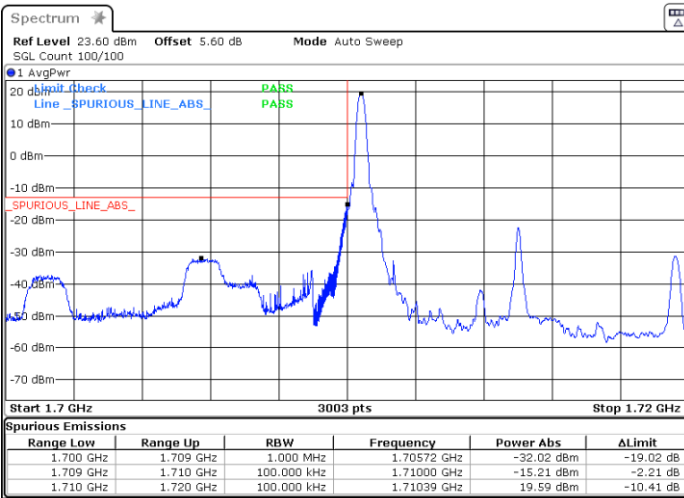
Date: 1.APR.2021 12:54:30



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

Lowest Band Edge / 1RB0

Highest Band Edge / 1RBMAX

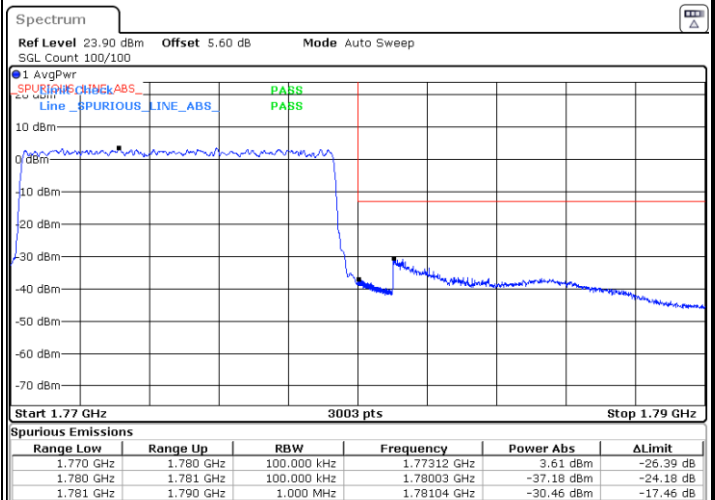
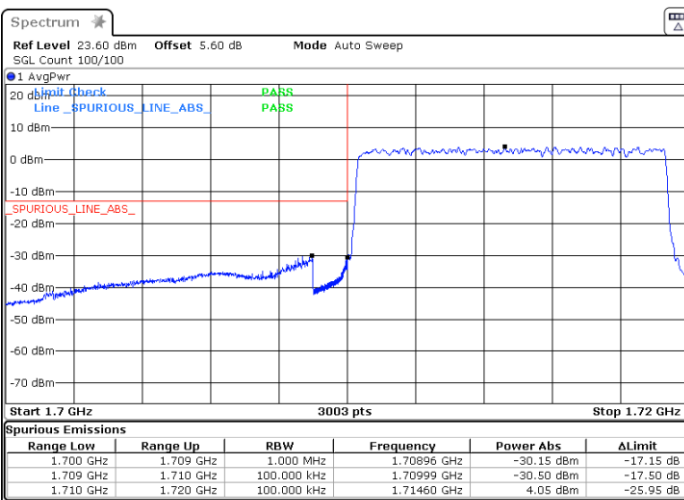


Date: 1.APR.2021 12:55:48

Date: 1.APR.2021 13:01:25

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 1.APR.2021 12:58:41

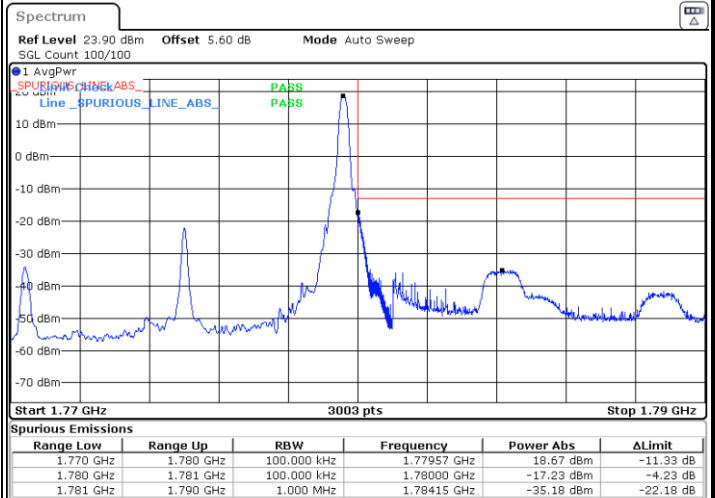
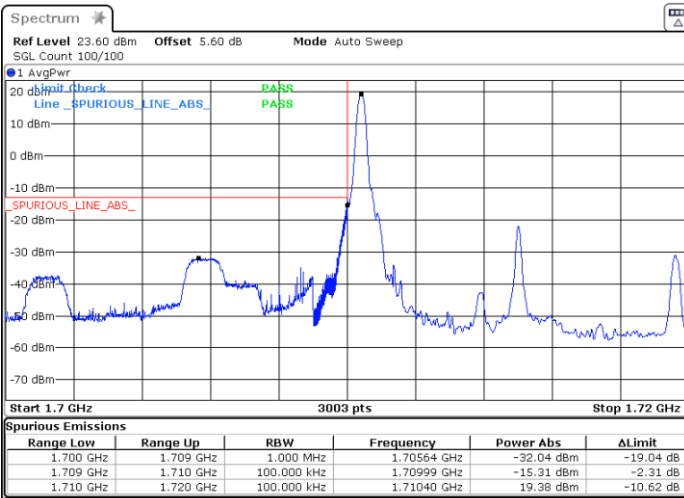
Date: 1.APR.2021 13:03:04



FR1 n66 / 10MHz / DFT-s-OFDM / QPSK

Lowest Band Edge / 1RB0

Highest Band Edge / 1RBMAX

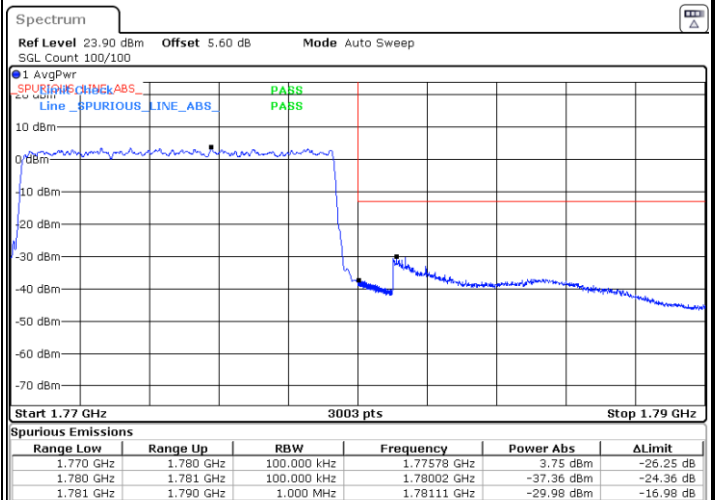
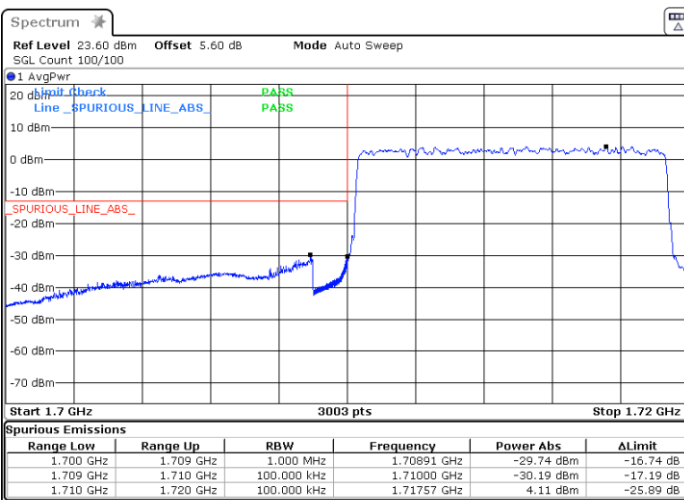


Date: 1.APR.2021 12:56:06

Date: 1.APR.2021 13:01:36

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 1.APR.2021 12:58:57

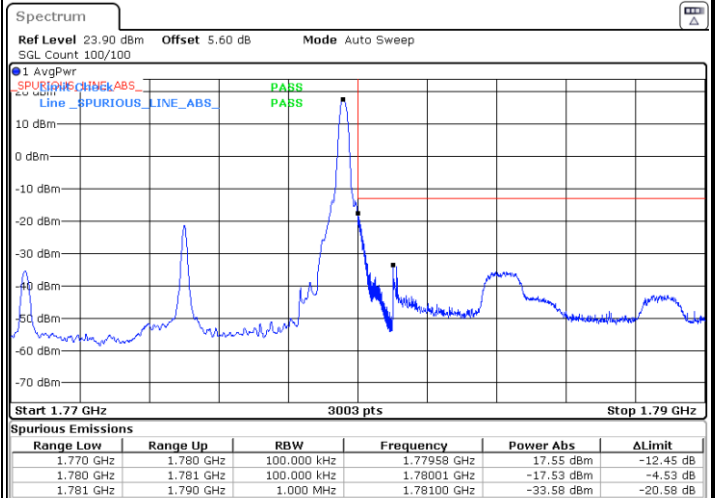
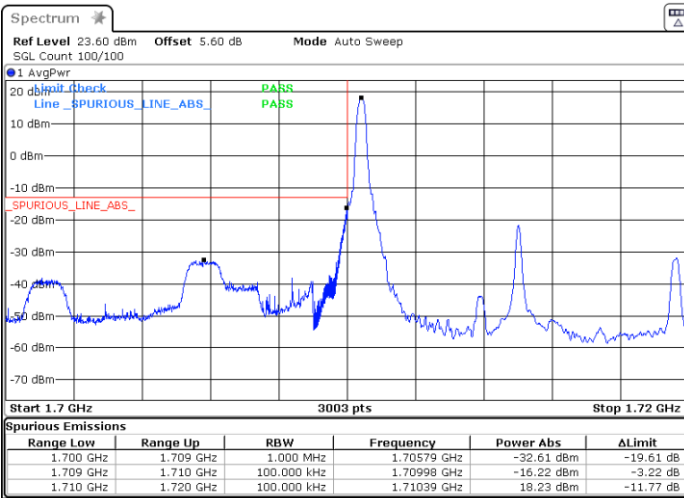
Date: 1.APR.2021 13:03:15



FR1 n66 / 10MHz / DFT-s-OFDM / 16QAM

Lowest Band Edge / 1RB0

Highest Band Edge / 1RBMAX

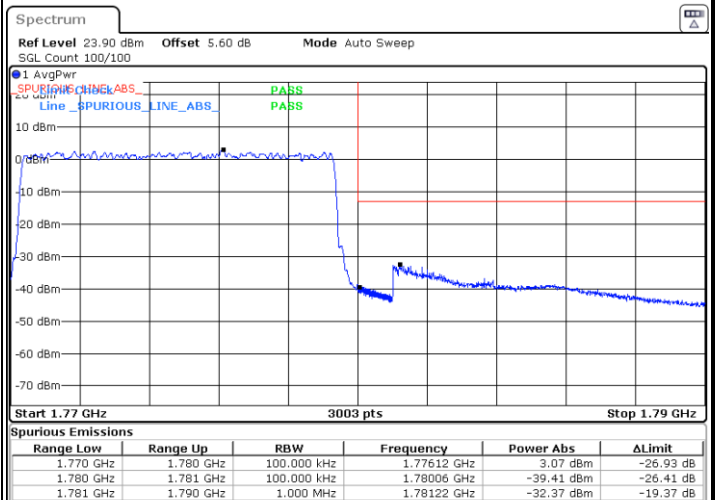
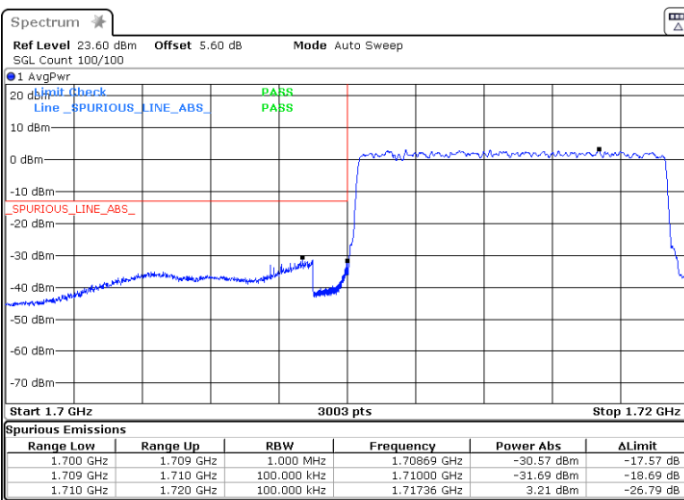


Date: 1.APR.2021 12:56:26

Date: 1.APR.2021 13:01:50

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 1.APR.2021 12:59:49

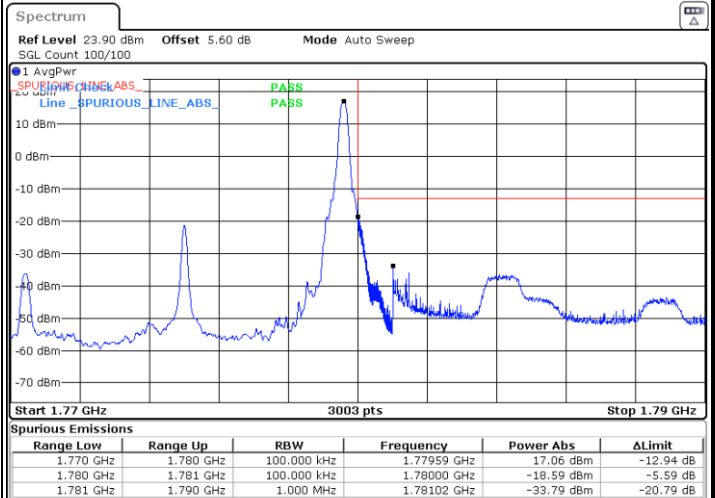
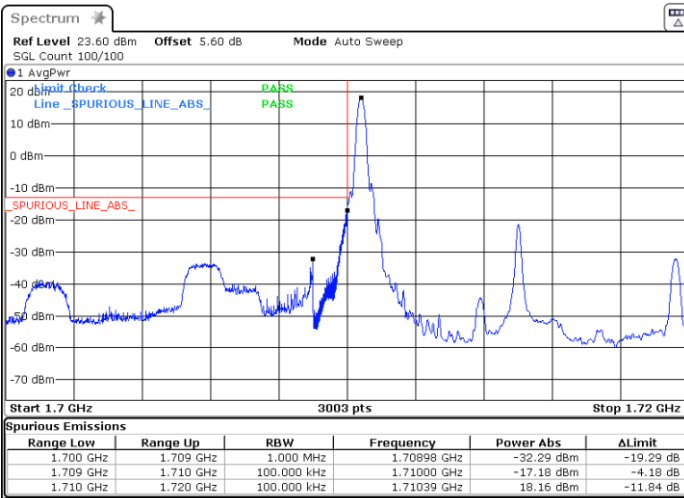
Date: 1.APR.2021 13:03:28



FR1 n66 / 10MHz / DFT-s-OFDM / 64QAM

Lowest Band Edge / 1RB0

Highest Band Edge / 1RBMAX

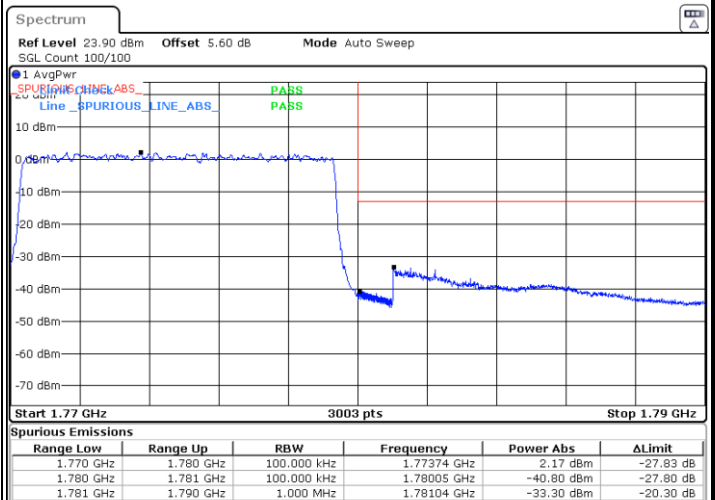
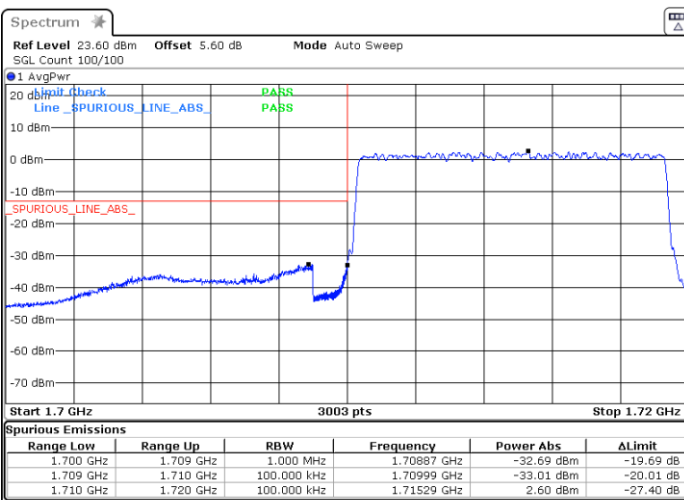


Date: 1.APR.2021 12:56:48

Date: 1.APR.2021 13:02:04

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 1.APR.2021 13:00:07

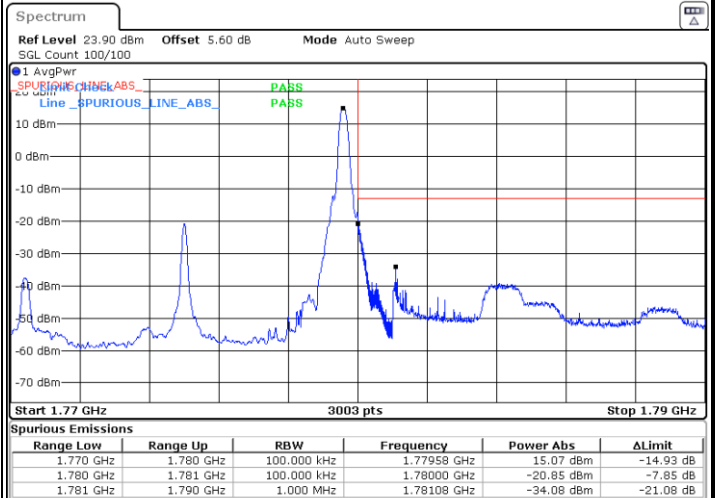
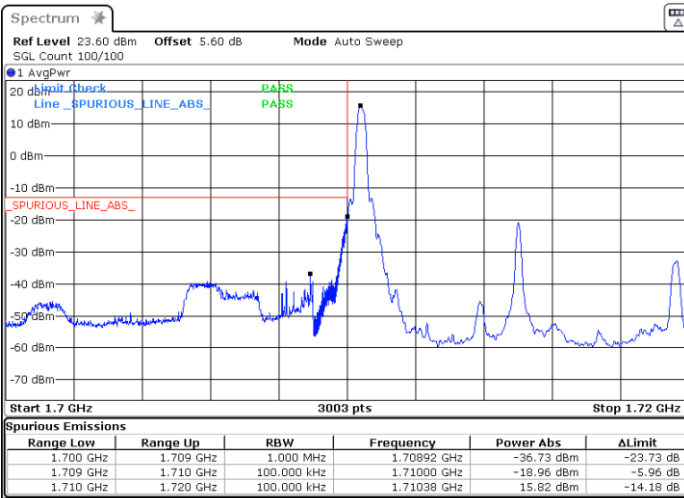
Date: 1.APR.2021 13:03:43



FR1 n66 / 10MHz / DFT-s-OFDM / 256QAM

Lowest Band Edge / 1RB0

Highest Band Edge / 1RBMAX

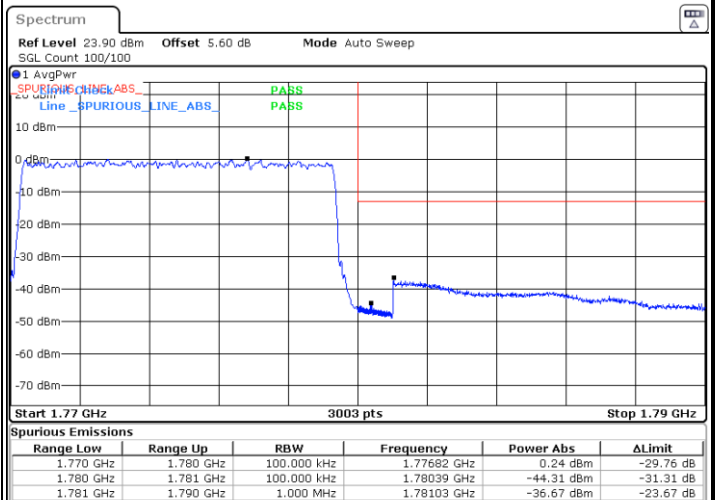
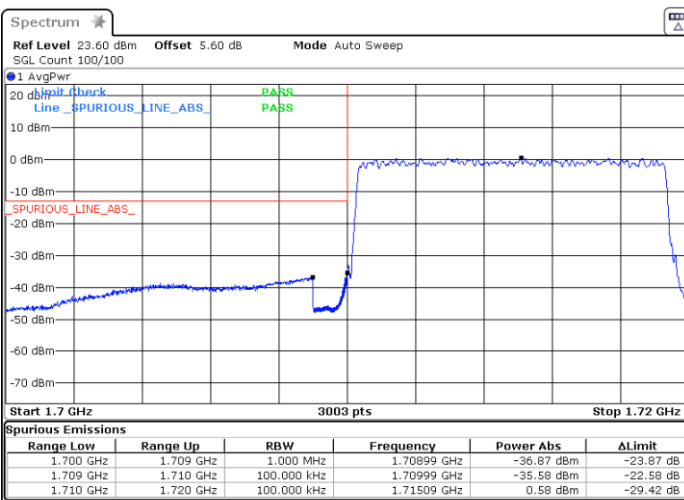


Date: 1.APR.2021 12:58:17

Date: 1.APR.2021 13:02:18

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 1.APR.2021 13:00:24

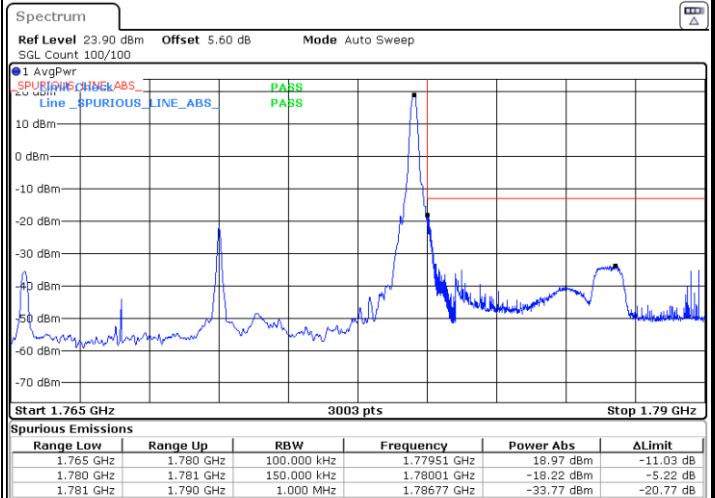
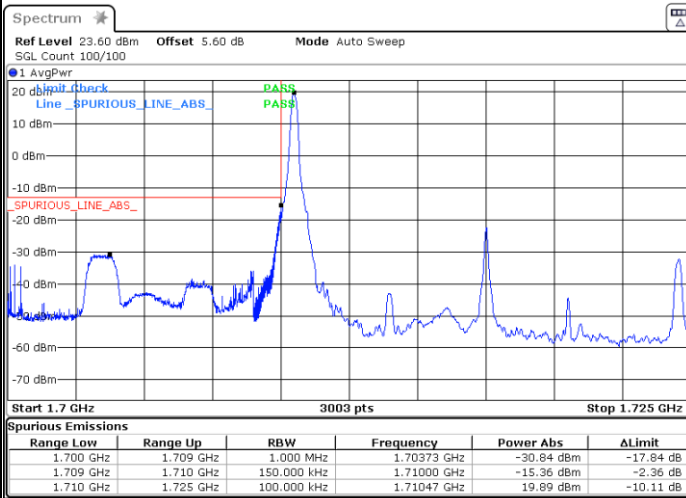
Date: 1.APR.2021 13:03:56



FR1 n66 / 15MHz / DFT-s-OFDM / PI/2 BPSK

Lowest Band Edge / 1RB0

Highest Band Edge / 1RBMAX

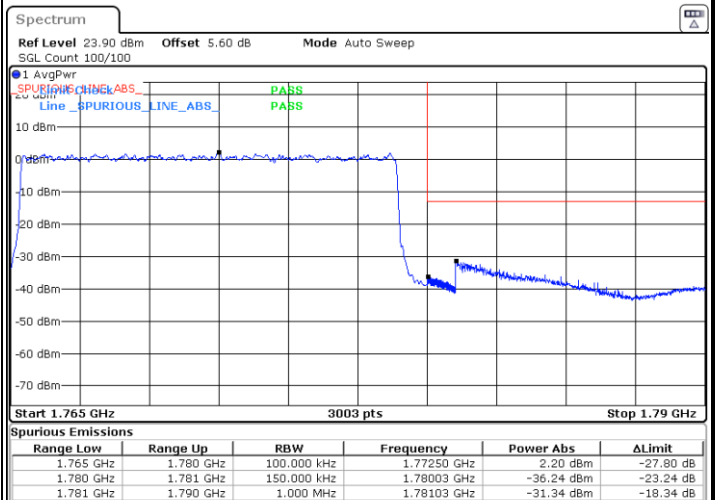
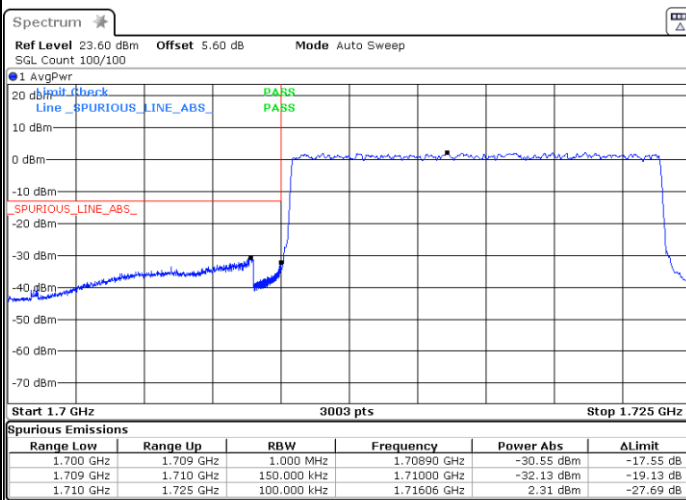


Date: 1.APR.2021 13:05:04

Date: 1.APR.2021 13:13:17

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 1.APR.2021 13:07:12

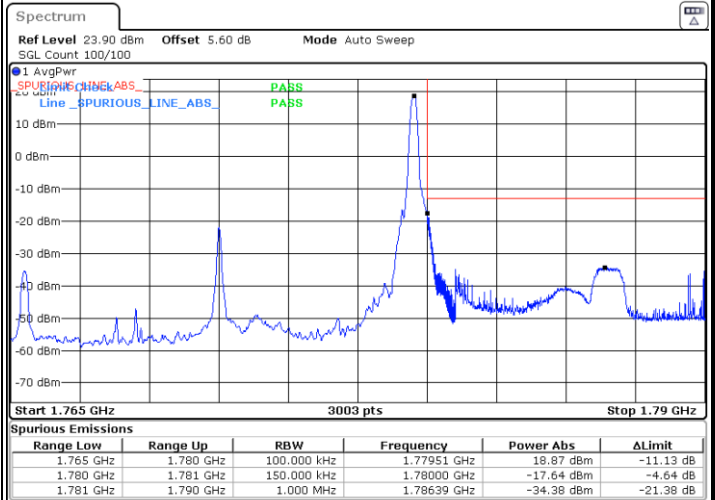
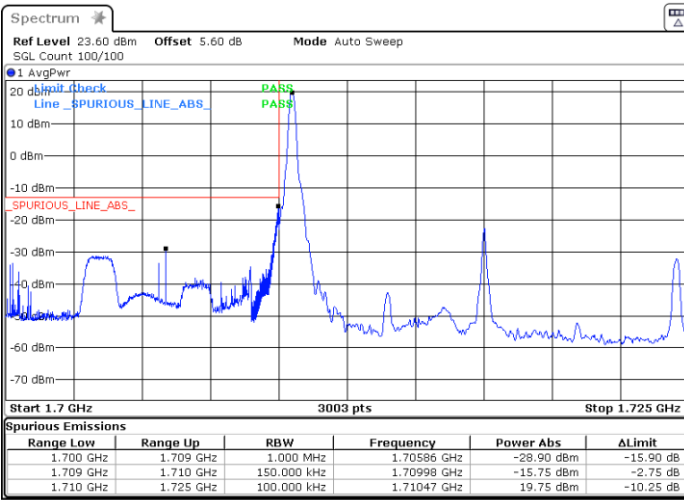
Date: 1.APR.2021 13:12:09



FR1 n66 / 15MHz / DFT-s-OFDM / QPSK

Lowest Band Edge / 1RB0

Highest Band Edge / 1RBMAX

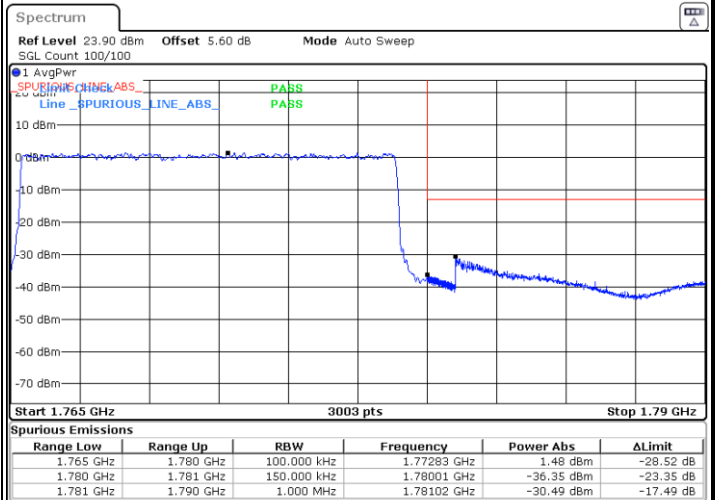
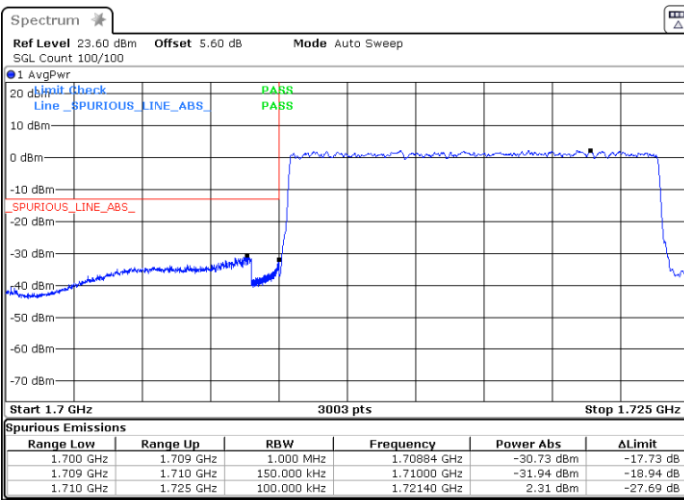


Date: 1.APR.2021 13:05:19

Date: 1.APR.2021 13:13:27

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 1.APR.2021 13:07:26

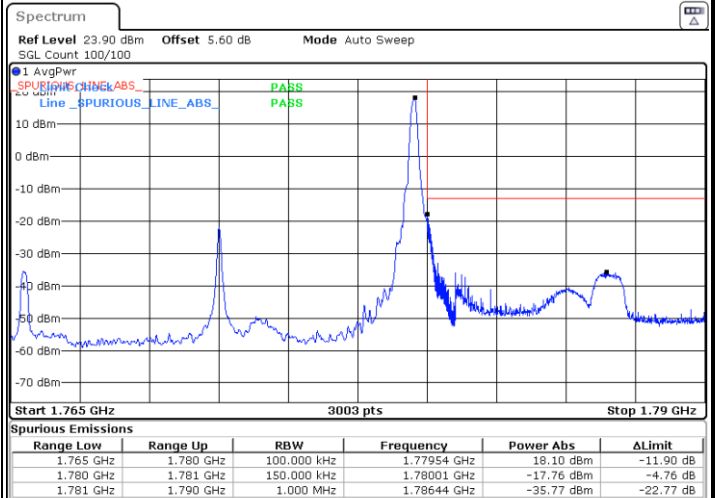
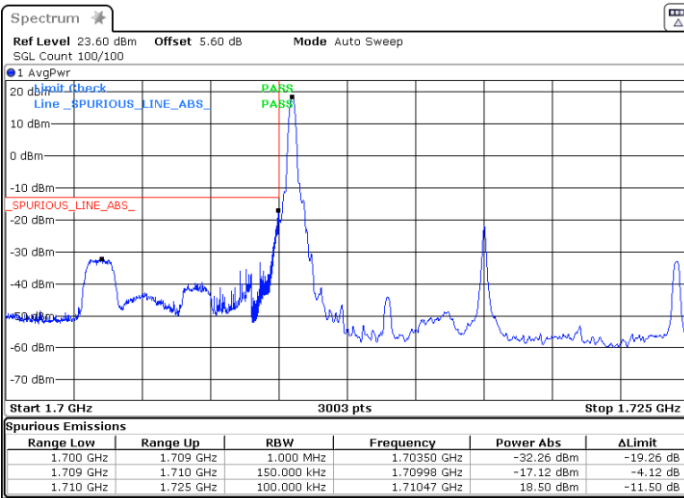
Date: 1.APR.2021 13:12:19



FR1 n66 / 15MHz / DFT-s-OFDM / 16QAM

Lowest Band Edge / 1RB0

Highest Band Edge / 1RBMAX

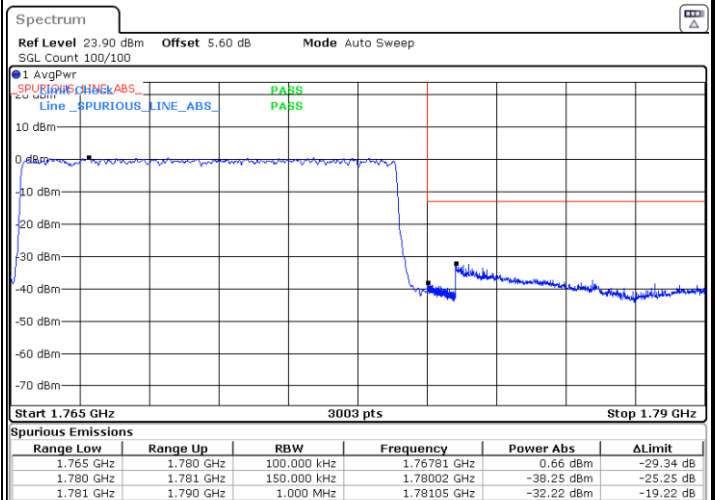
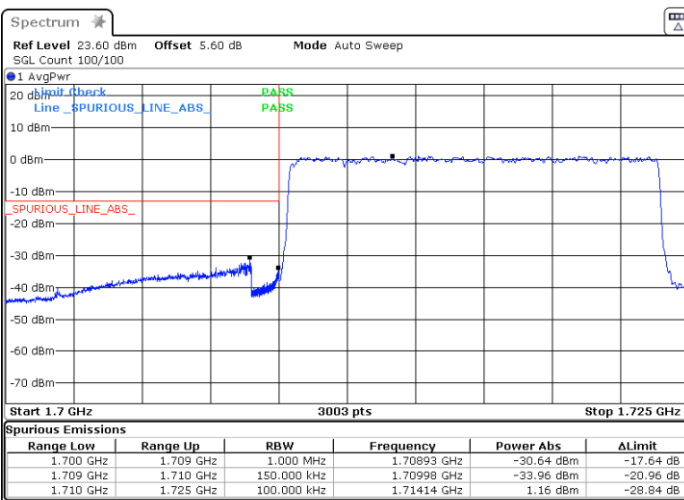


Date: 1.APR.2021 13:05:37

Date: 1.APR.2021 13:13:40

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 1.APR.2021 13:07:43

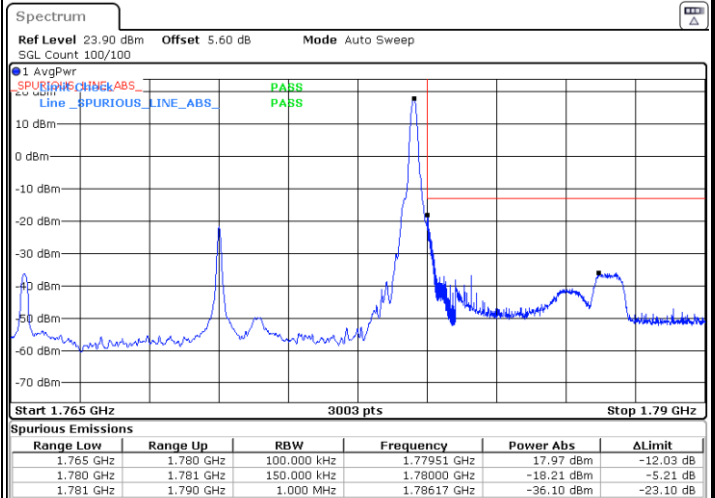
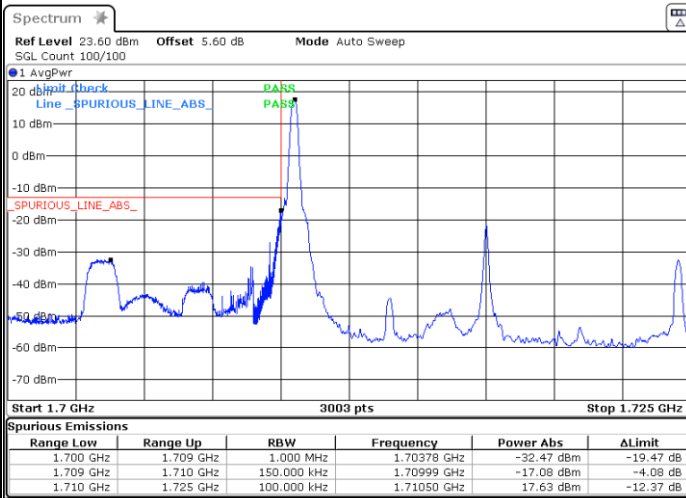
Date: 1.APR.2021 13:12:32



FR1 n66 / 15MHz / DFT-s-OFDM / 64QAM

Lowest Band Edge / 1RB0

Highest Band Edge / 1RBMAX

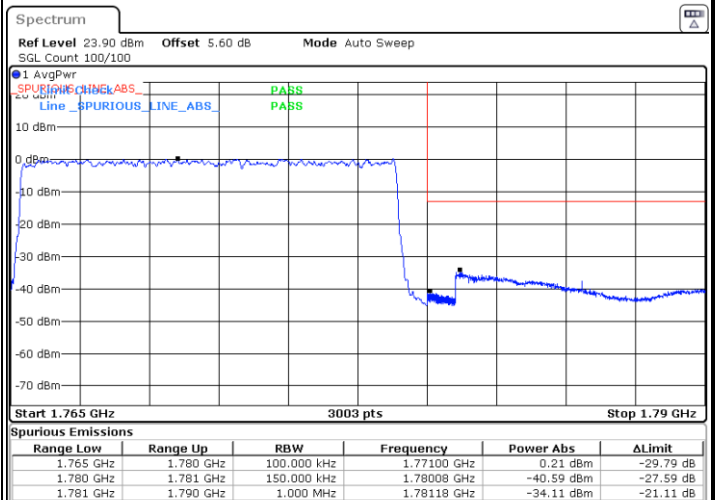
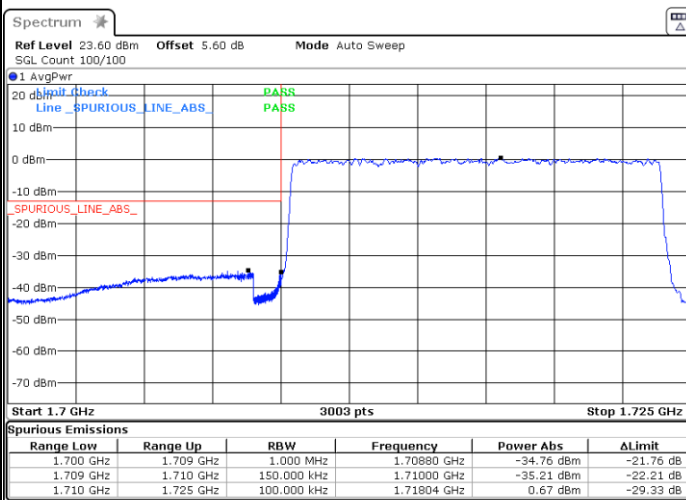


Date: 1.APR.2021 13:05:57

Date: 1.APR.2021 13:13:53

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 1.APR.2021 13:07:59

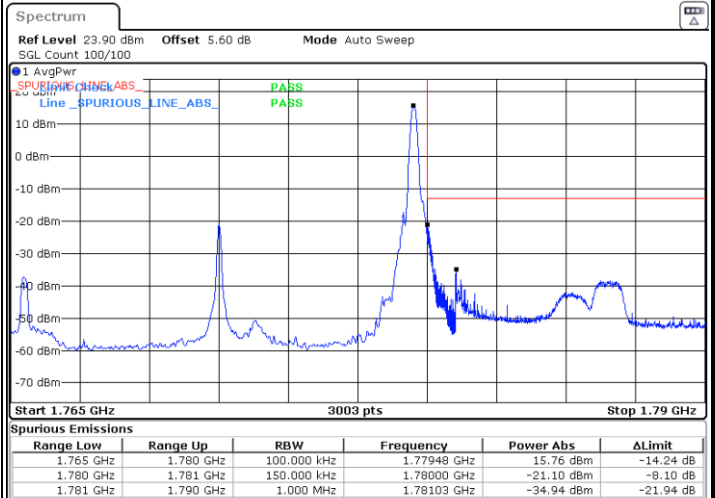
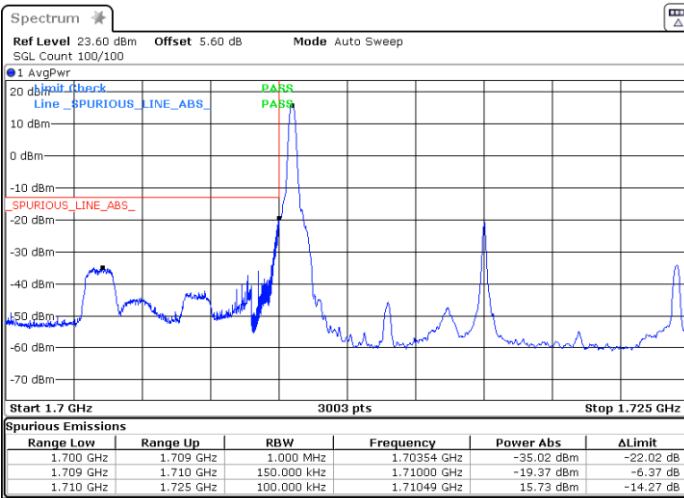
Date: 1.APR.2021 13:12:46



FR1 n66 / 15MHz / DFT-s-OFDM / 256QAM

Lowest Band Edge / 1RB0

Highest Band Edge / 1RBMAX

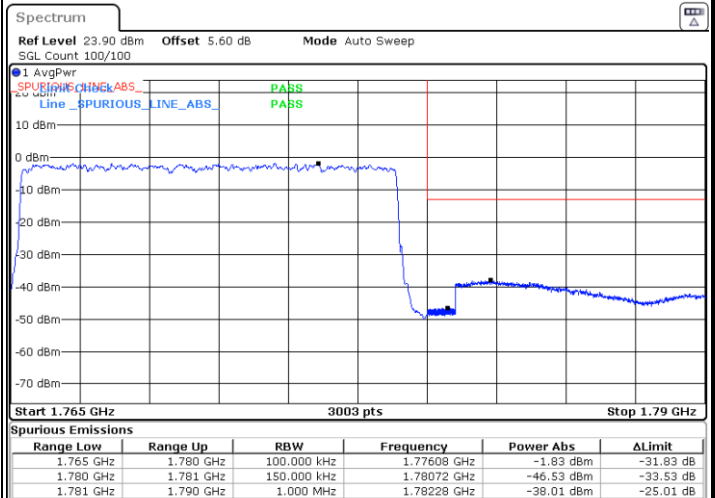
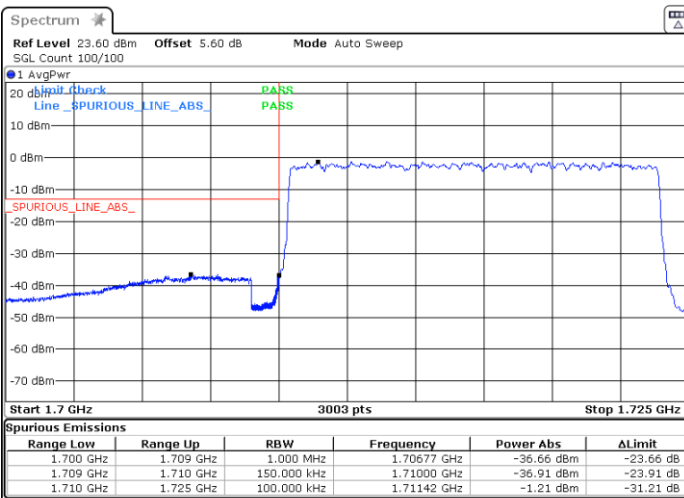


Date: 1.APR.2021 13:06:14

Date: 1.APR.2021 13:14:06

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 1.APR.2021 13:08:16

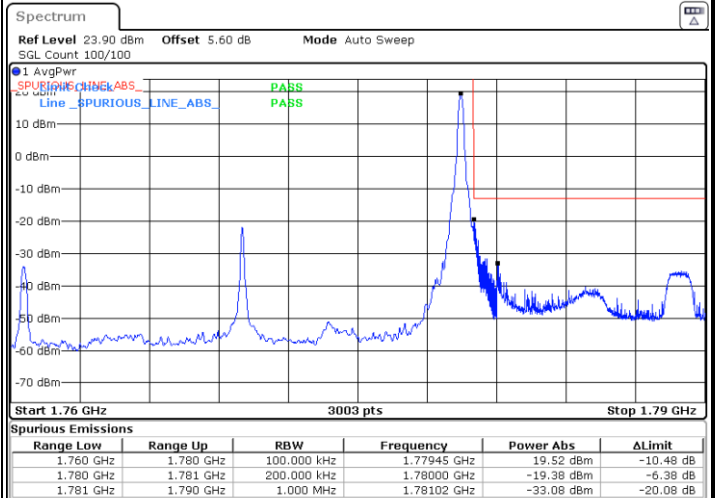
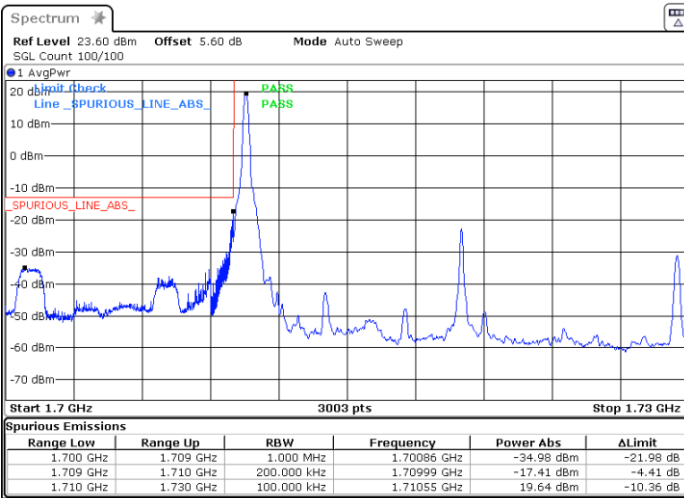
Date: 1.APR.2021 13:12:58



FR1 n66 / 20MHz / DFT-s-OFDM / PI/2 BPSK

Lowest Band Edge / 1RB0

Highest Band Edge / 1RBMAX

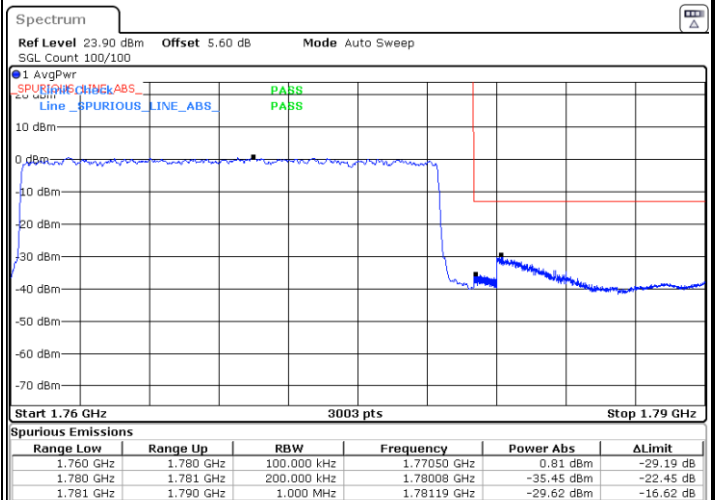
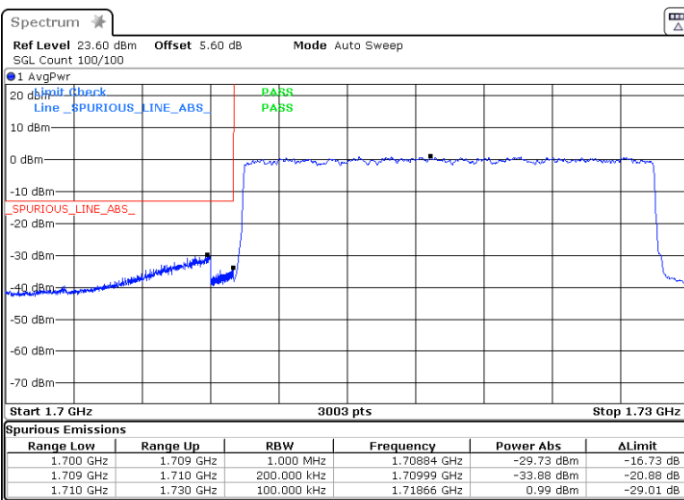


Date: 1.APR.2021 13:15:10

Date: 1.APR.2021 13:44:12

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 1.APR.2021 13:18:38

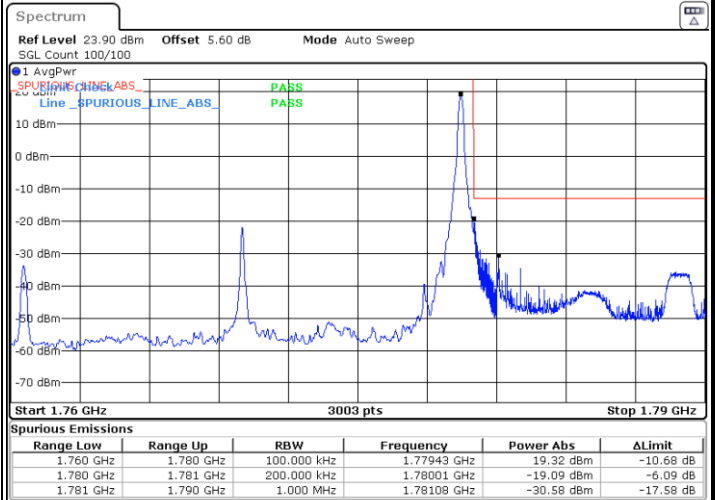
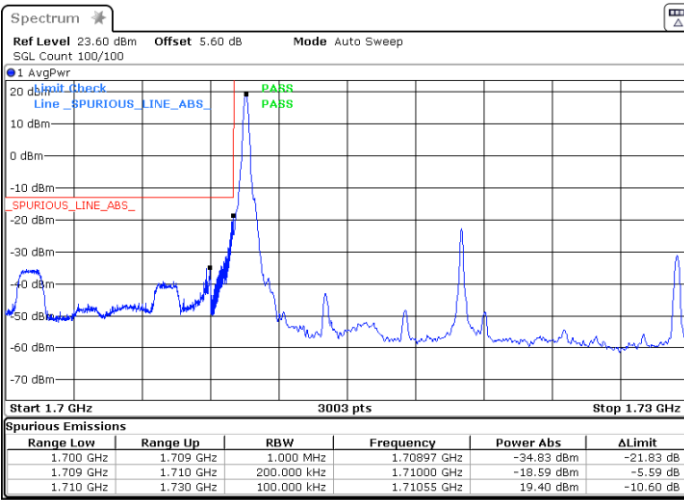
Date: 1.APR.2021 13:46:01



FR1 n66 / 20MHz / DFT-s-OFDM / QPSK

Lowest Band Edge / 1RB0

Highest Band Edge / 1RBMAX

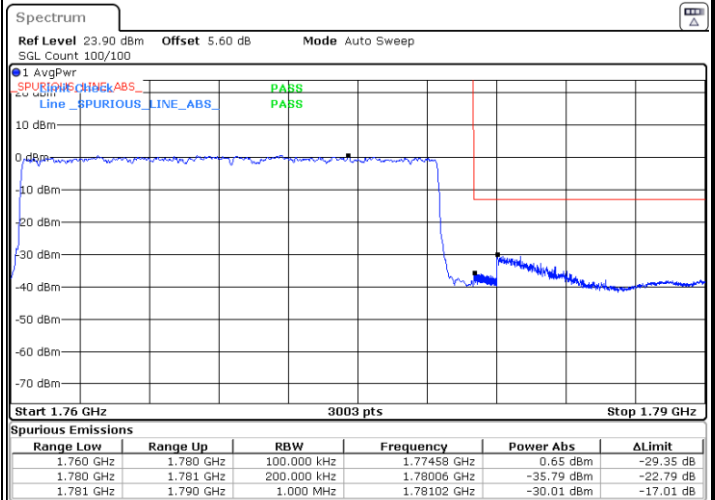
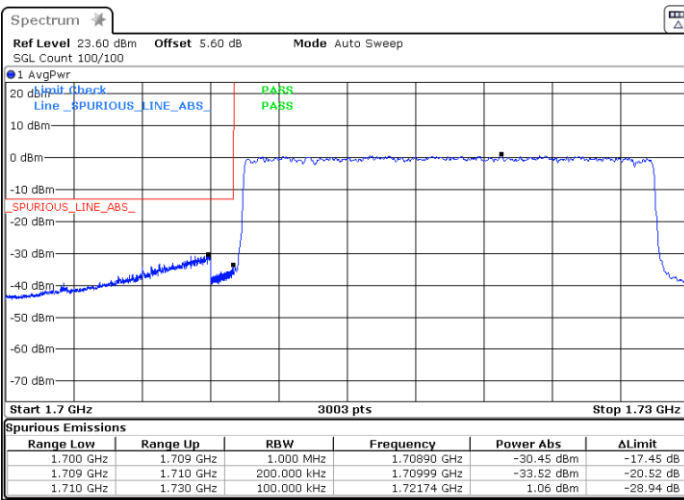


Date: 1.APR.2021 13:17:17

Date: 1.APR.2021 13:44:23

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 1.APR.2021 13:18:52

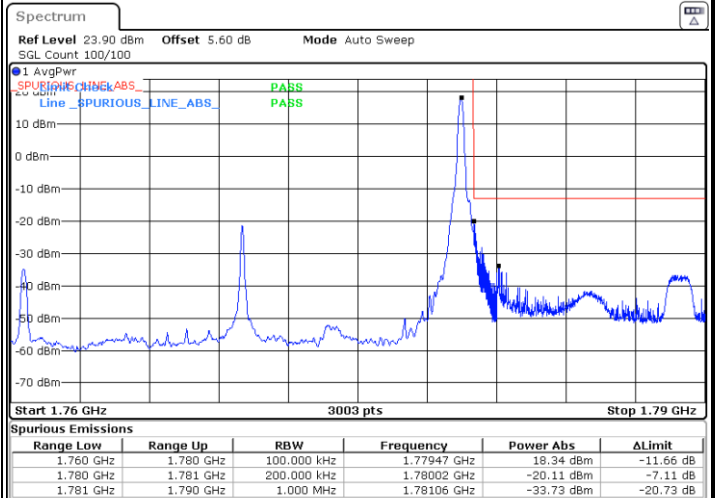
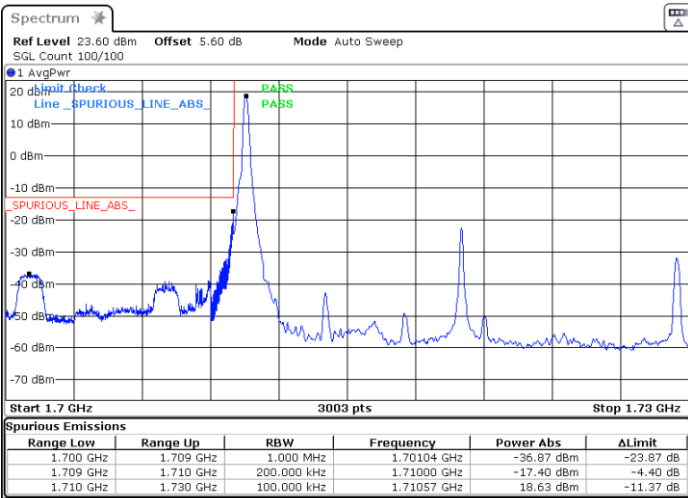
Date: 1.APR.2021 13:46:12



FR1 n66 / 20MHz / DFT-s-OFDM / 16QAM

Lowest Band Edge / 1RB0

Highest Band Edge / 1RBMAX

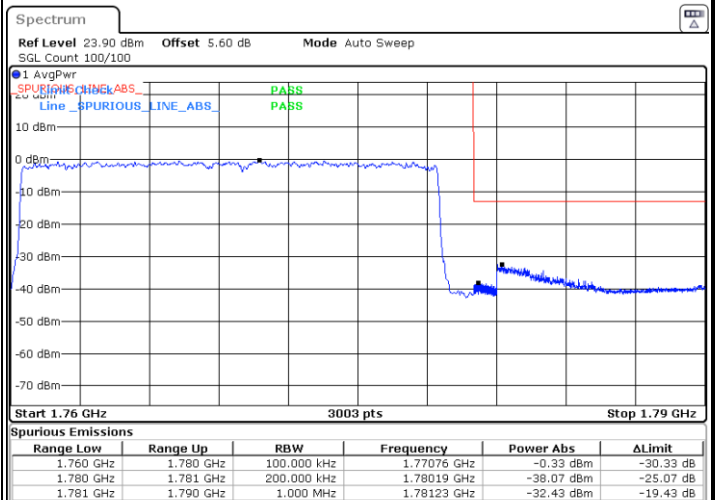
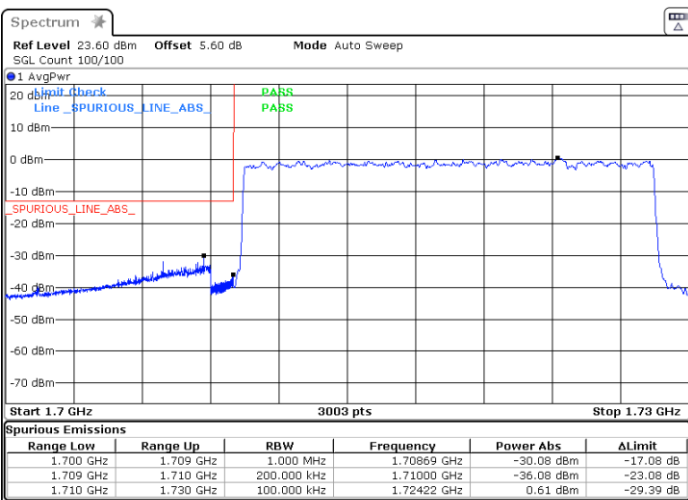


Date: 1.APR.2021 13:17:34

Date: 1.APR.2021 13:44:34

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 1.APR.2021 13:19:08

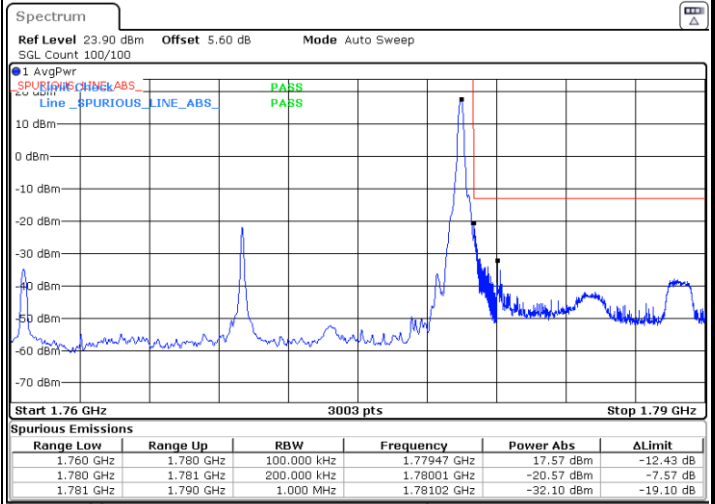
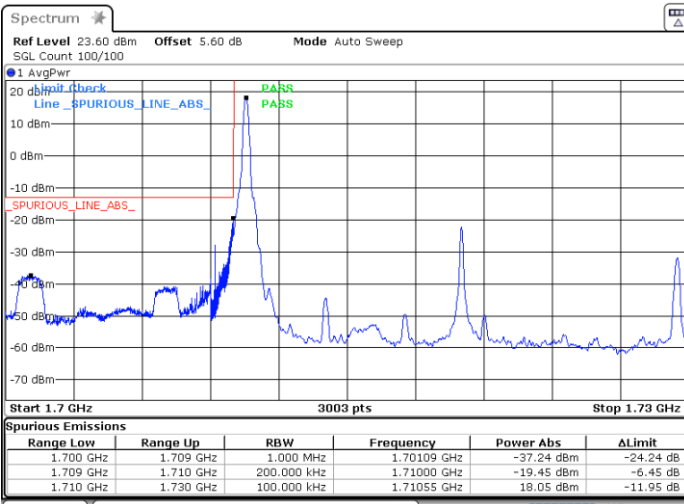
Date: 1.APR.2021 13:46:27



FR1 n66 / 20MHz / DFT-s-OFDM / 64QAM

Lowest Band Edge / 1RB0

Highest Band Edge / 1RBMAX

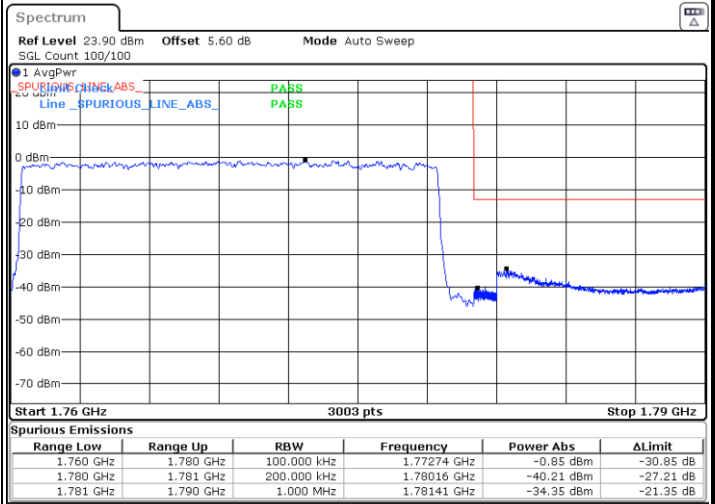
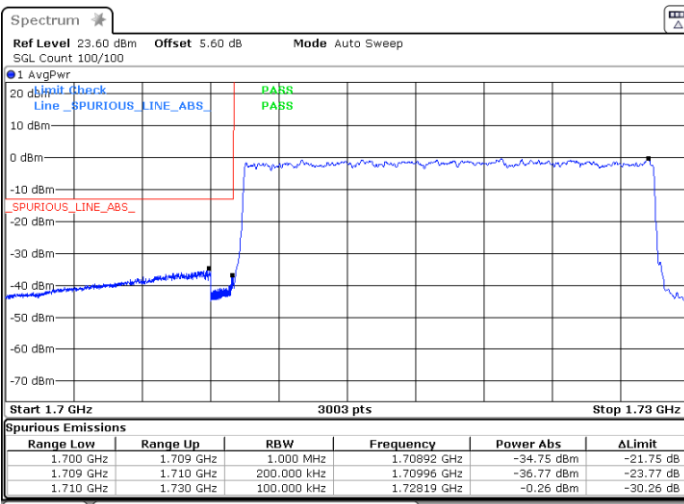


Date: 1.APR.2021 13:17:52

Date: 1.APR.2021 13:45:12

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 1.APR.2021 13:19:25

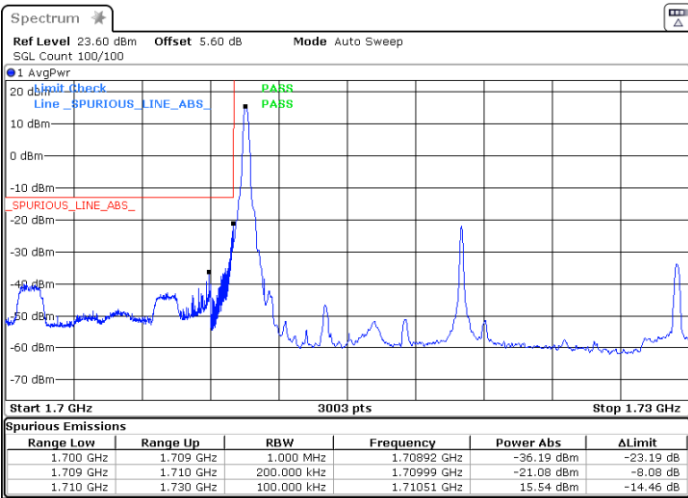
Date: 1.APR.2021 13:46:38



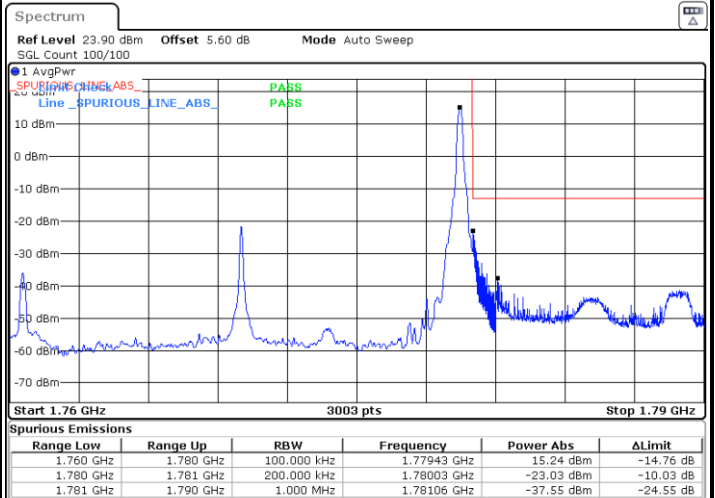
FR1 n66 / 20MHz / DFT-s-OFDM / 256QAM

Lowest Band Edge / 1RB0

Highest Band Edge / 1RBMAX



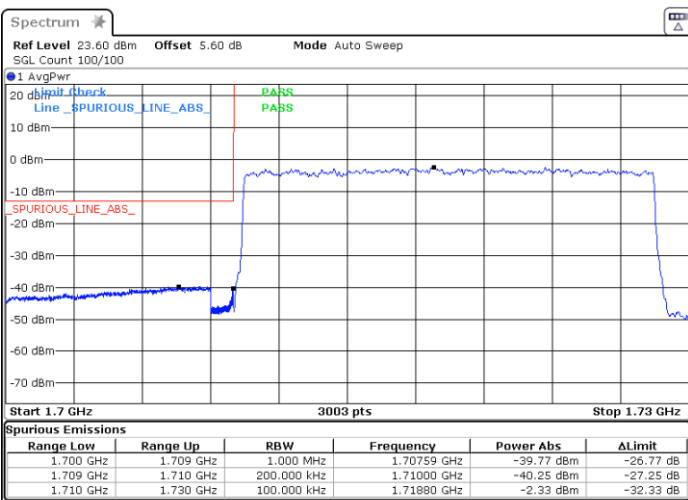
Date: 1.APR.2021 13:18:11



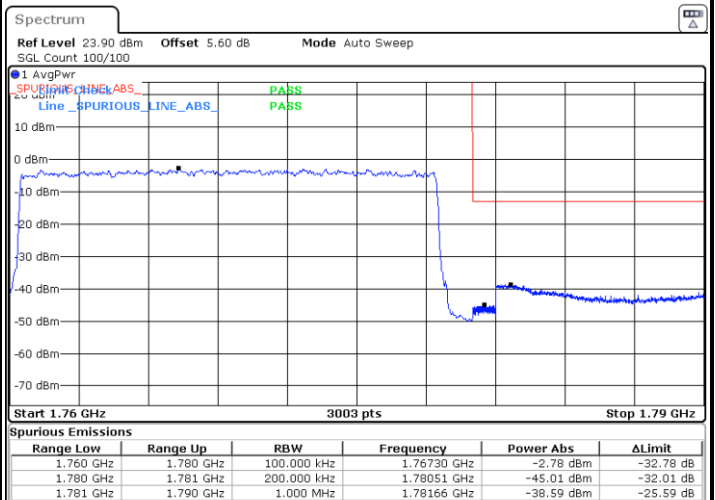
Date: 1.APR.2021 13:45:28

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 1.APR.2021 13:19:46



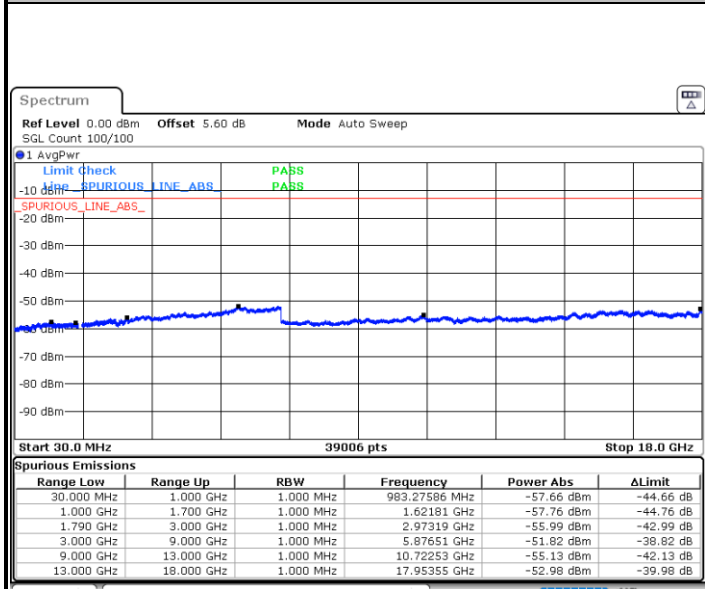
Date: 1.APR.2021 13:46:51



Conducted Spurious Emission

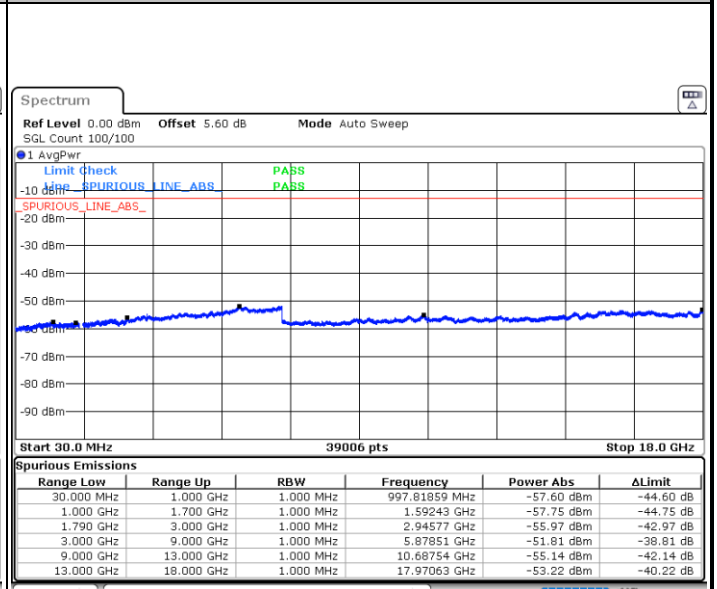
FR1 n66 / 5MHz / DFT-S OFDM / QPSK

Lowest Channel / 1RB1



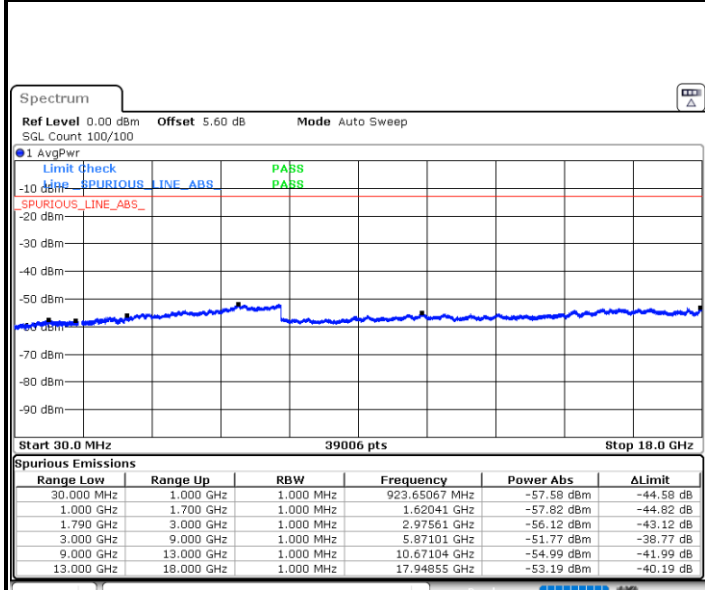
Date: 1.APR.2021 13:55:20

Middle Channel / 1RB1



Date: 1.APR.2021 13:57:22

Highest Channel / 1RB1



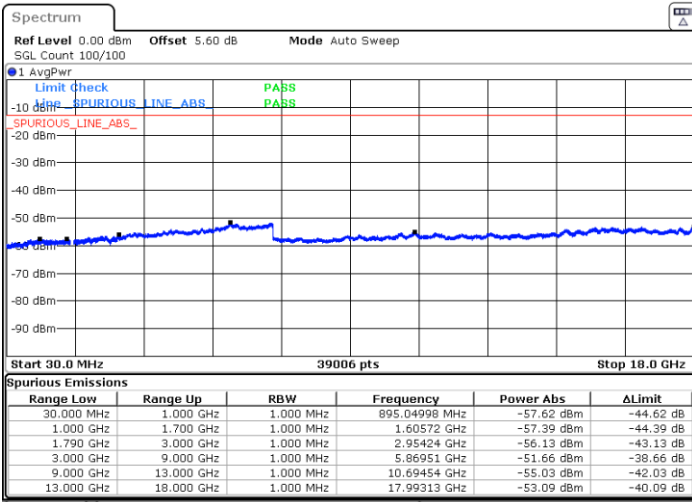
Date: 1.APR.2021 13:58:23



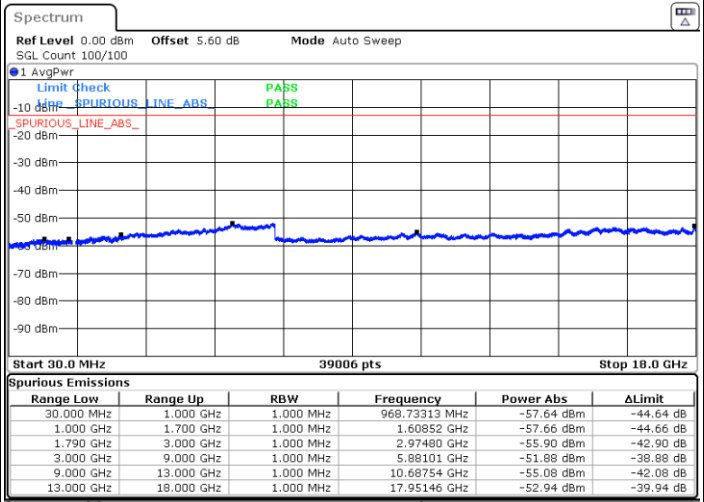
FR1 n66 / 10MHz / DFT-S OFDM / QPSK

Lowest Channel / 1RB1

Middle Channel / 1RB1

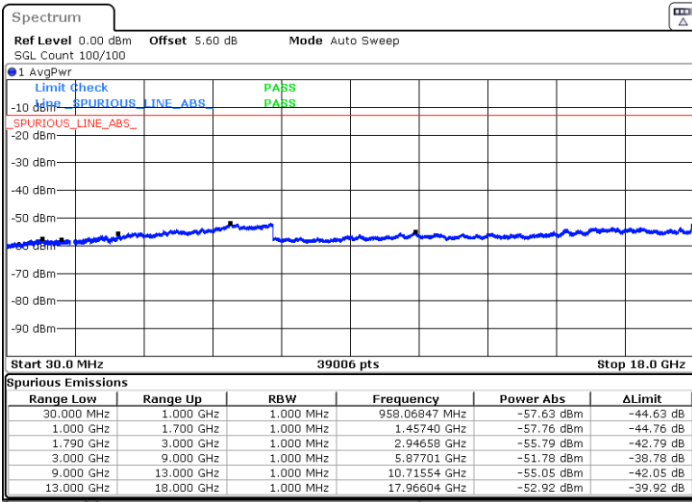


Date: 1.APR.2021 13:59:09



Date: 1.APR.2021 13:59:50

Highest Channel / 1RB1



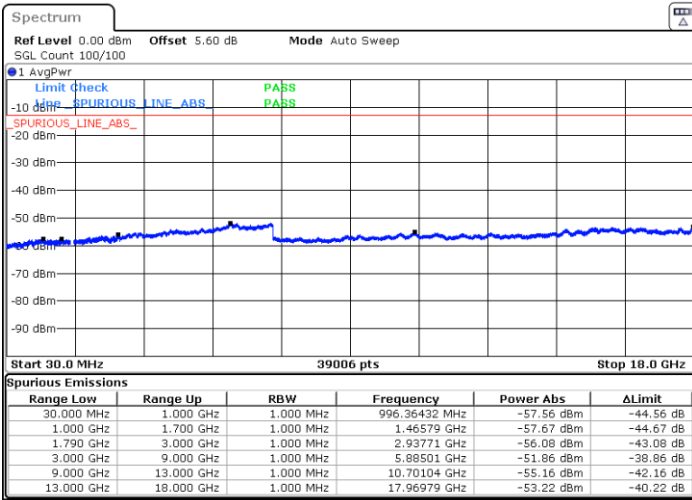
Date: 1.APR.2021 14:00:31



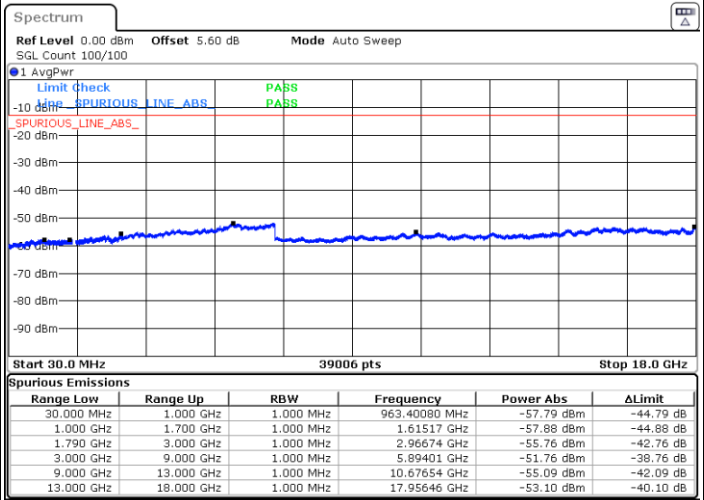
FR1 n66 / 15MHz / DFT-S OFDM / QPSK

Lowest Channel / 1RB1

Middle Channel / 1RB1

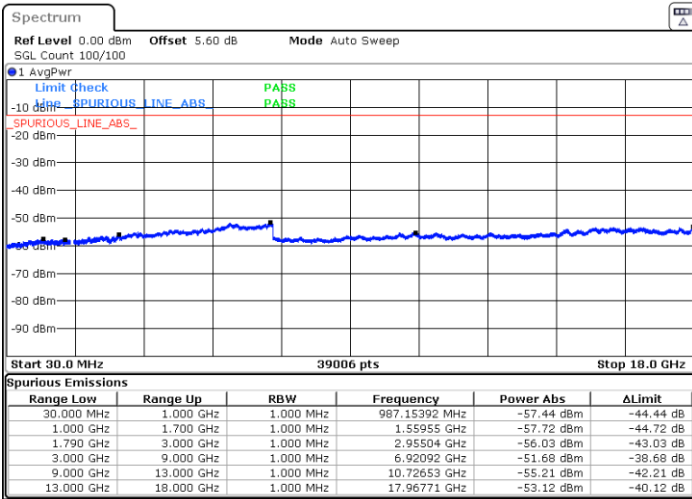


Date: 1.APR.2021 14:01:22



Date: 1.APR.2021 14:02:09

Highest Channel / 1RB1



Date: 1.APR.2021 14:02:50