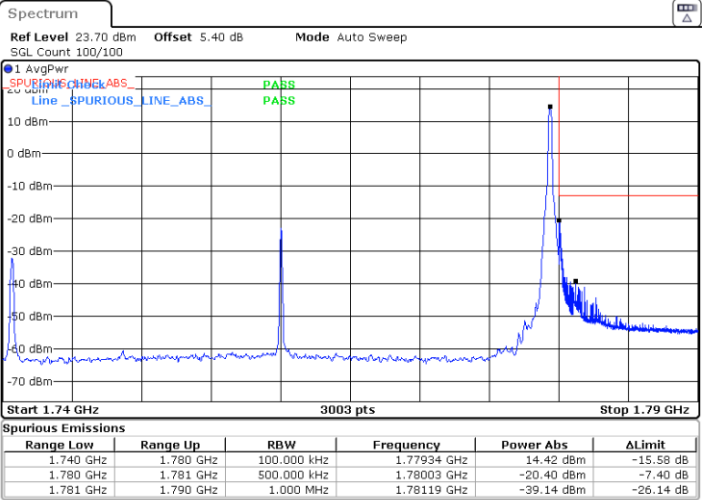
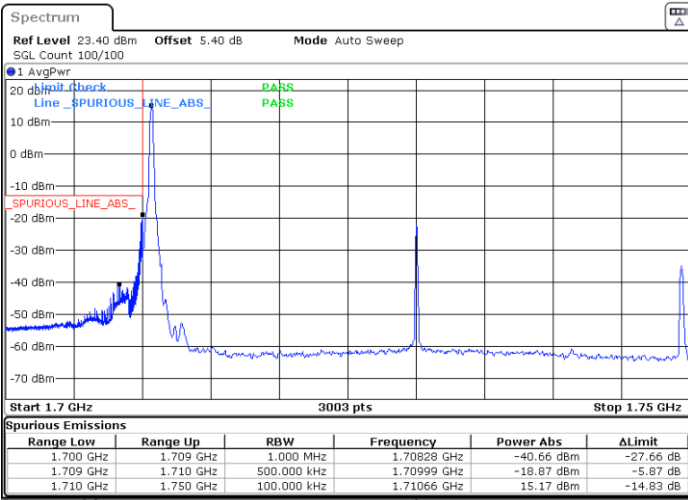




FR1 n66 / 40MHz / DFT-s-OFDM / 256QAM

Lowest Band Edge / 1RB0

Highest Band Edge / 1RBMAX

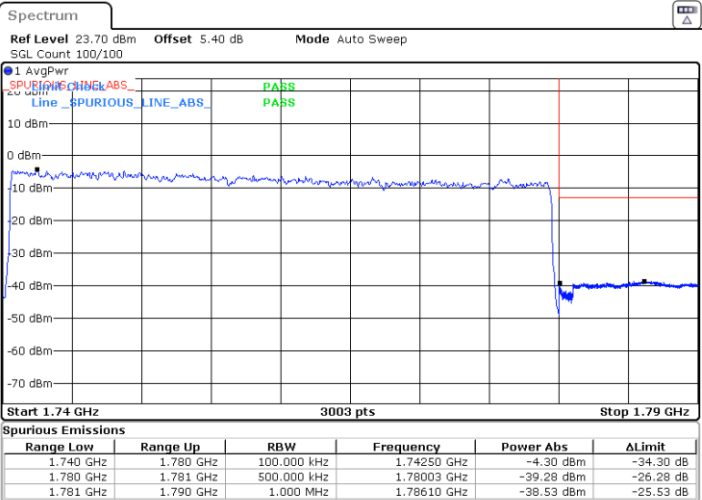
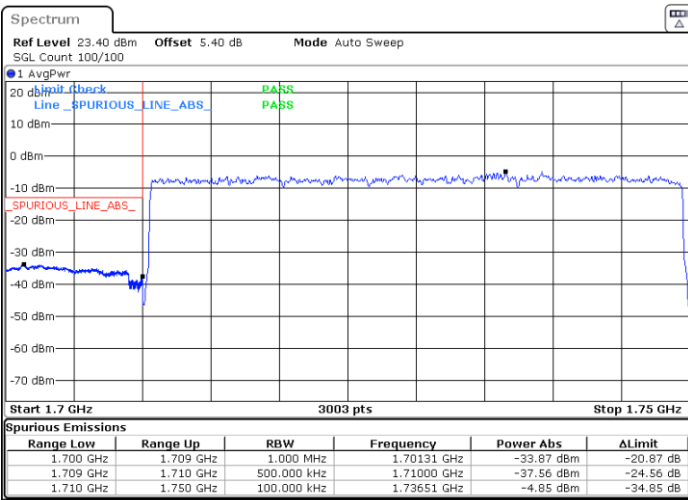


Date: 9.FEB.2022 09:03:49

Date: 9.FEB.2022 09:12:26

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 9.FEB.2022 09:03:25

Date: 9.FEB.2022 09:12:02

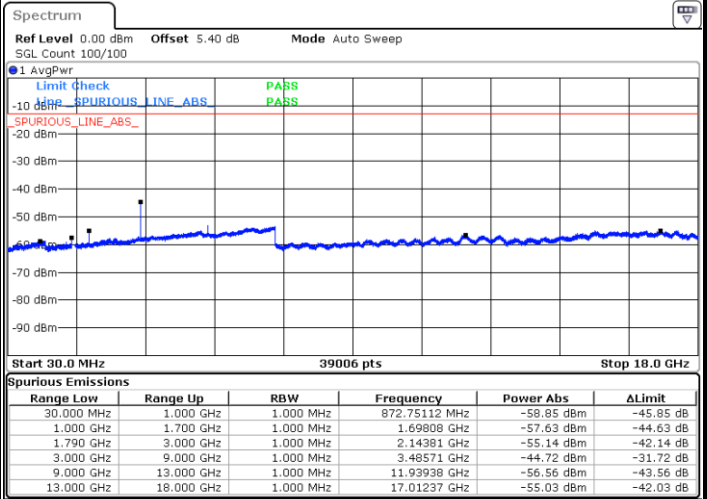
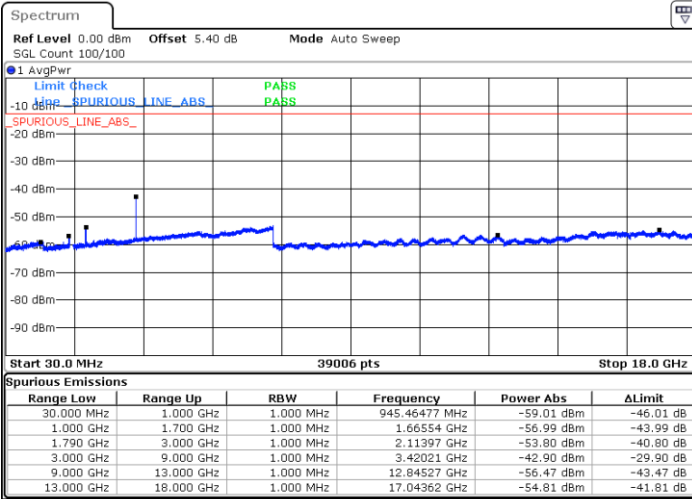


# Conducted Spurious Emission

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

Lowest Channel / 1RB1

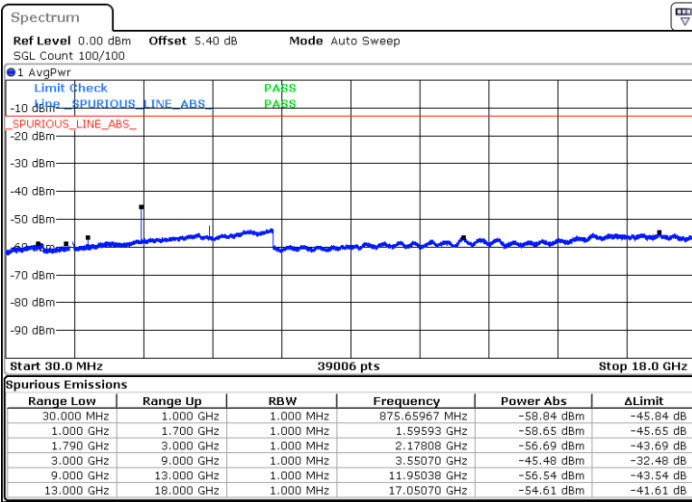
Middle Channel / 1RB1



Date: 2 FEB 2022 01:38:31

Date: 2 FEB 2022 01:40:38

Highest Channel / 1RB1



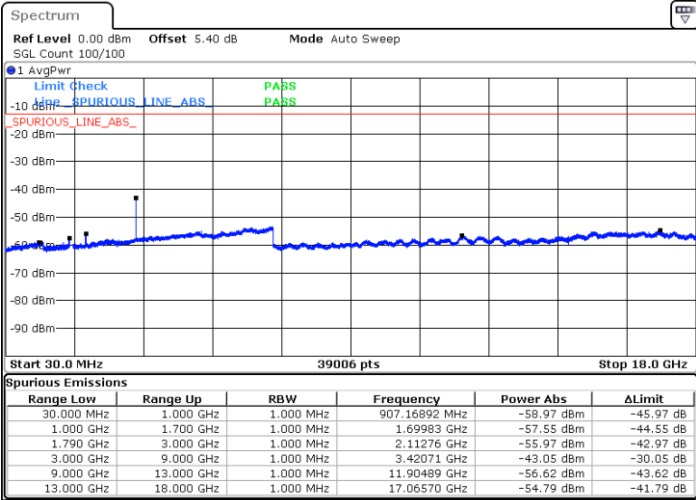
Date: 2 FEB 2022 01:42:09



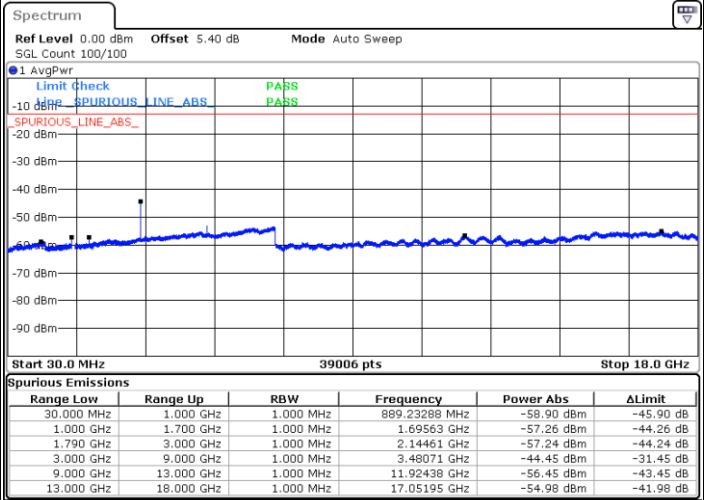
FR1 n66 / 10MHz / DFT-S OFDM / QPSK

Lowest Channel / 1RB1

Middle Channel / 1RB1

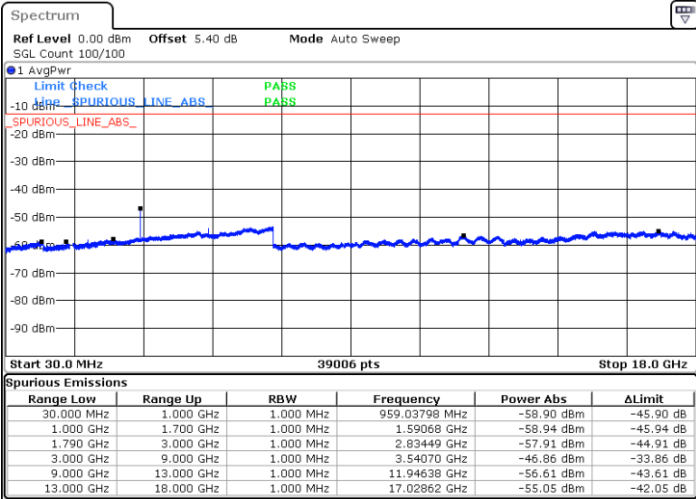


Date: 2 FEB 2022 02:21:00



Date: 2 FEB 2022 02:27:04

Highest Channel / 1RB1



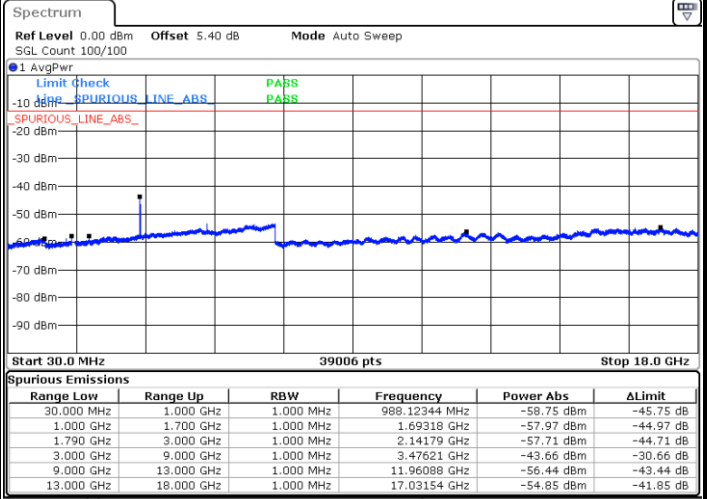
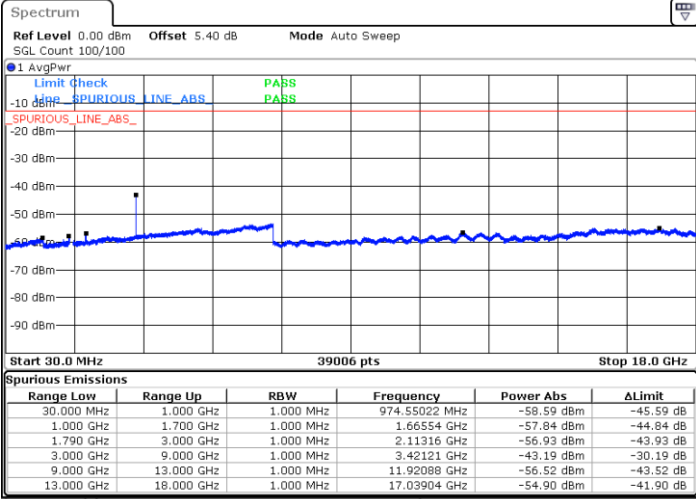
Date: 2 FEB 2022 02:31:23



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

Lowest Channel / 1RB1

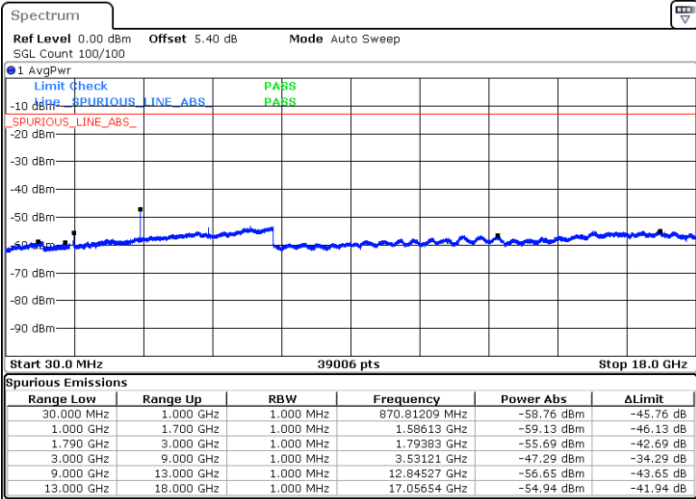
Middle Channel / 1RB1



Date: 2 FEB 2022 04:12:08

Date: 2 FEB 2022 04:13:18

Highest Channel / 1RB1



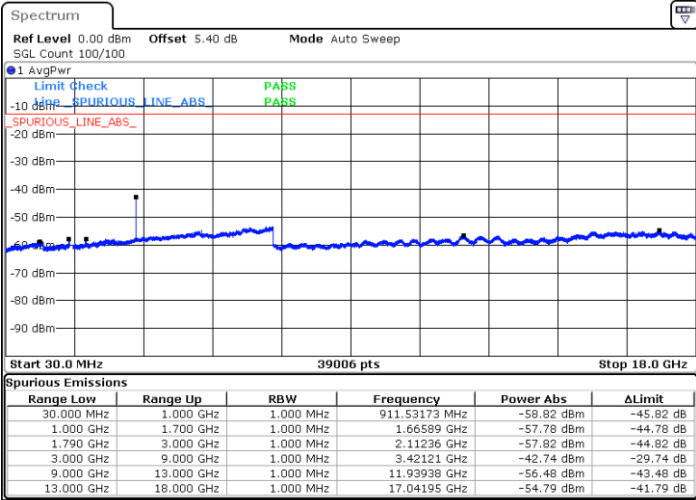
Date: 2 FEB 2022 04:14:33



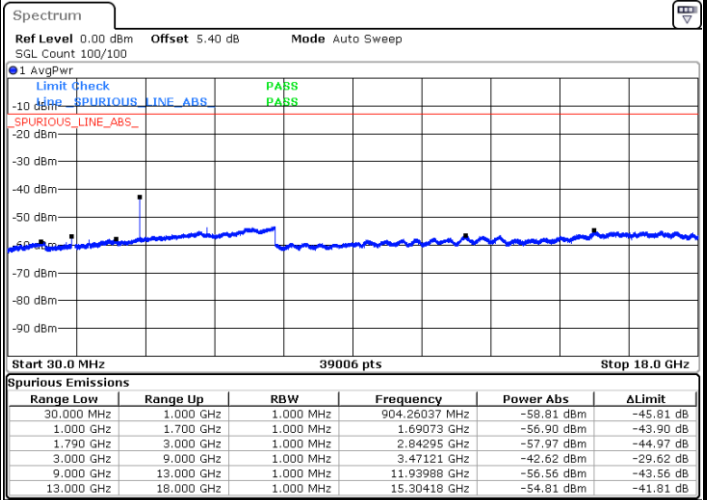
FR1 n66 / 20MHz / DFT-S OFDM / QPSK

Lowest Channel / 1RB1

Middle Channel / 1RB1

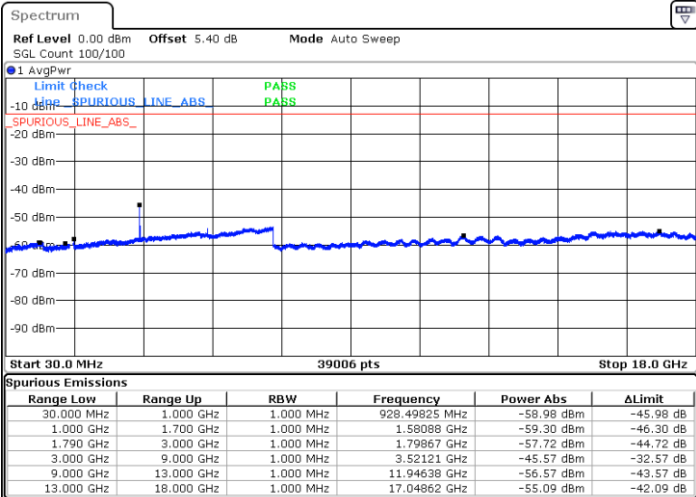


Date: 2 FEB 2022 04:23:13



Date: 2 FEB 2022 04:24:44

Highest Channel / 1RB1



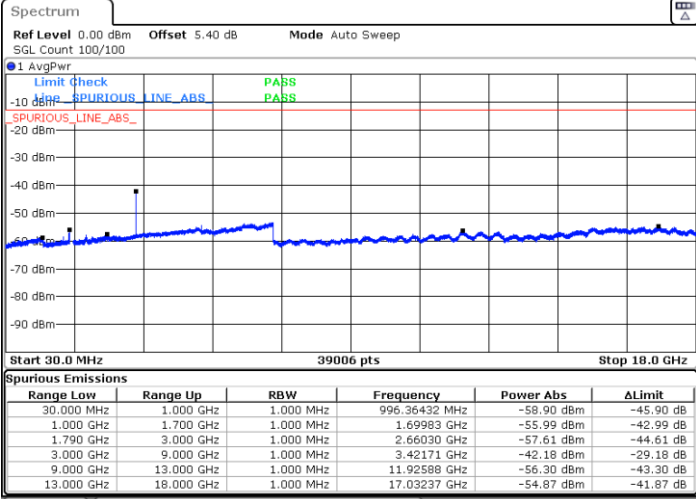
Date: 2 FEB 2022 04:25:53



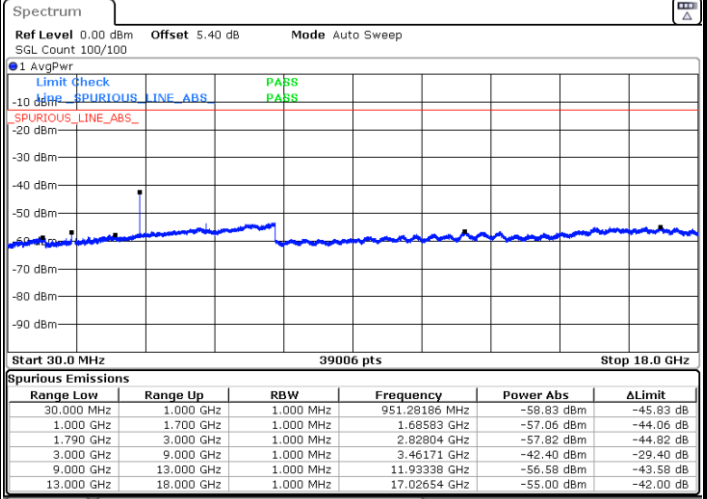
FR1 n66 / 30MHz / DFT-S OFDM / QPSK

Lowest Channel / 1RB1

Middle Channel / 1RB1

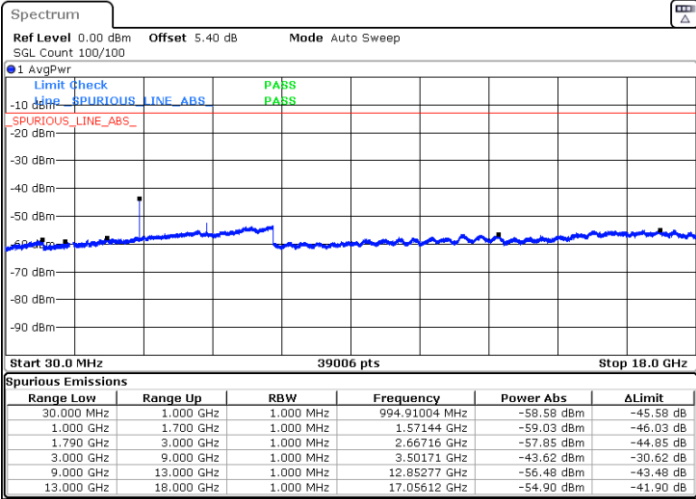


Date: 2 FEB 2022 05:14:02



Date: 2 FEB 2022 05:16:16

Highest Channel / 1RB1



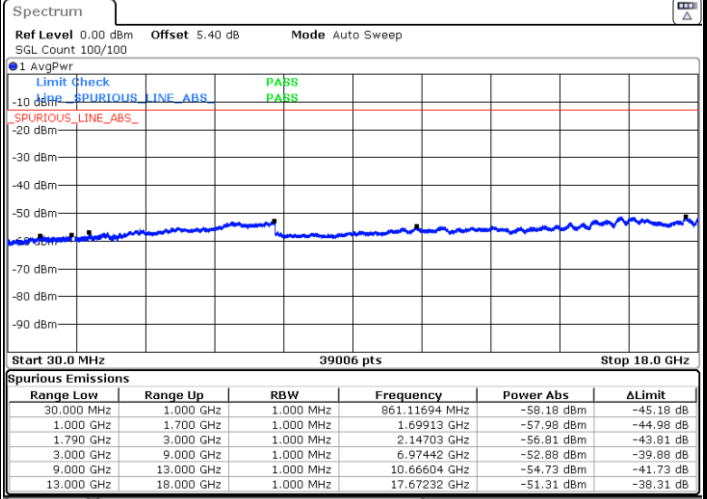
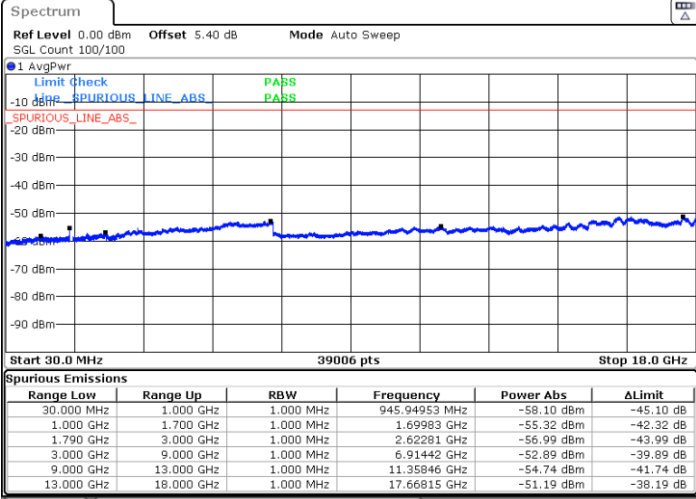
Date: 2 FEB 2022 05:17:45



FR1 n66 / 40MHz / DFT-S OFDM / QPSK

Lowest Channel / 1RB1

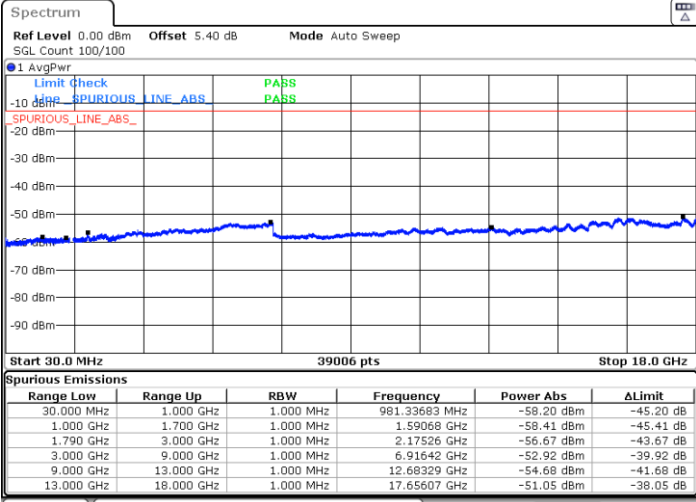
Middle Channel / 1RB1



Date: 9.FEB.2022 09:07:08

Date: 9.FEB.2022 09:09:01

Highest Channel / 1RB1



Date: 9.FEB.2022 09:10:04



Frequency Stability

Test Conditions		FR1 n66 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 40MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0021	PASS
40	Normal Voltage	0.0015	
30	Normal Voltage	0.0022	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0011	
0	Normal Voltage	0.0012	
-10	Normal Voltage	0.0001	
-20	Normal Voltage	0.0025	
-30	Normal Voltage	0.0031	
20	Maximum Voltage	0.0005	
20	Normal Voltage	0.0011	
20	Battery End Point	0.0016	

Note:

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





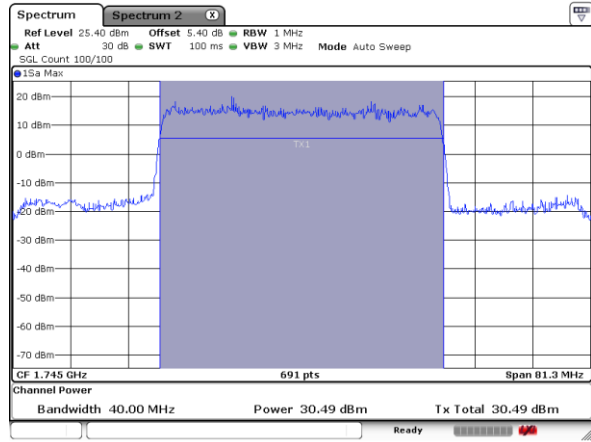
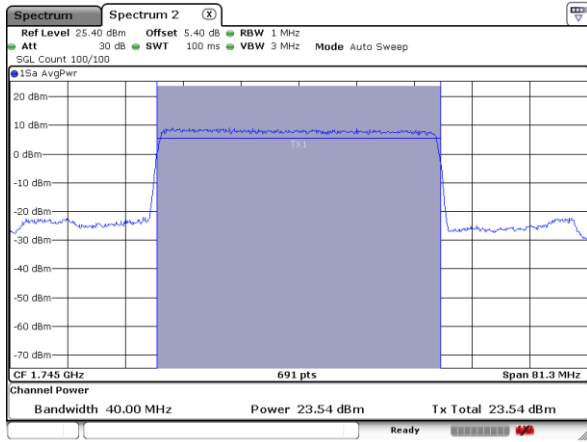
# FR1 n66 for other PA

## Peak-to-Average Ratio

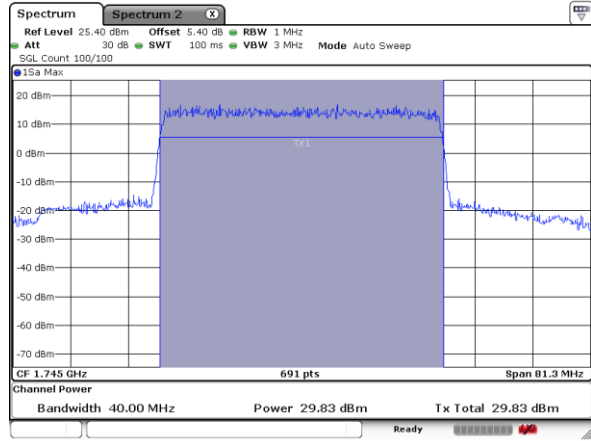
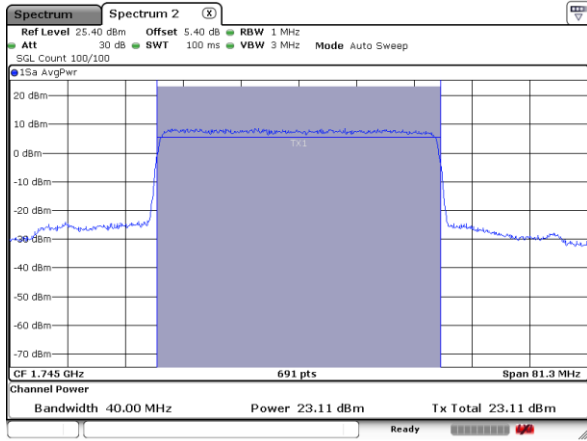
Mode	FR1 n66 / 40MHz / DFT-S OFDM				
Mod.	PI/2 BPSK	QPSK	16QAM	64QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Full RB	Result
Middle CH	6.95	6.72	6.83	6.79	PASS
Mod.	256QAM				Limit: 13dB
RB Size	Full RB				Result
Middle CH	6.87				PASS



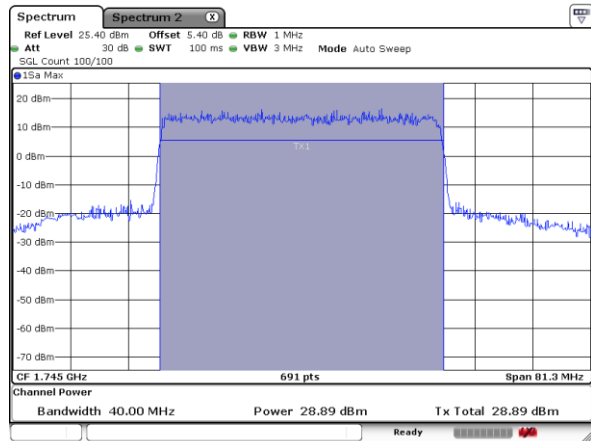
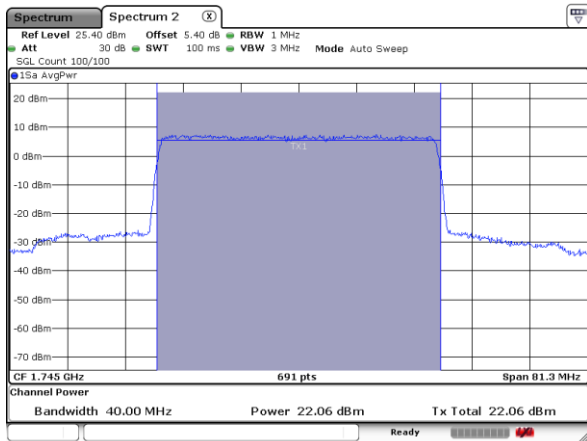
### BPSK



### QPSK

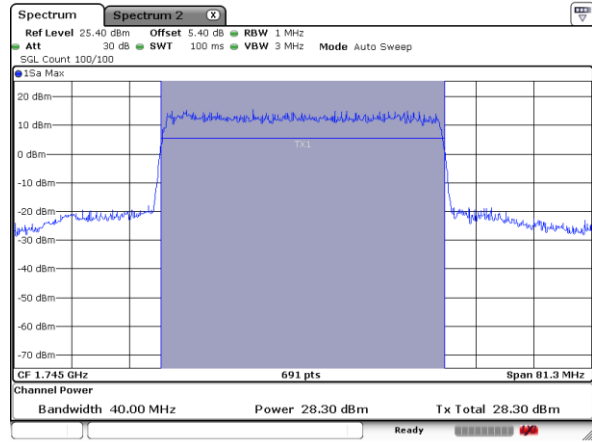
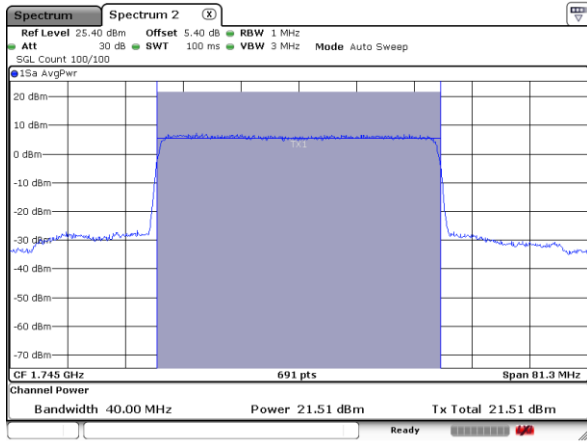


### 16QAM

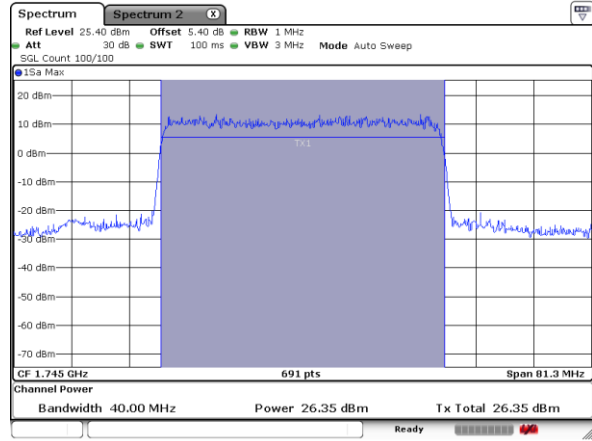
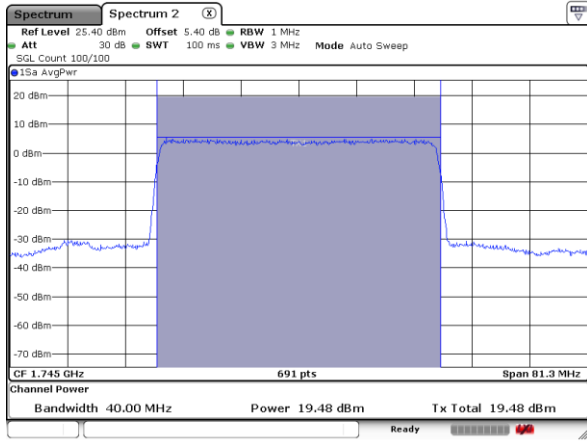




64QAM



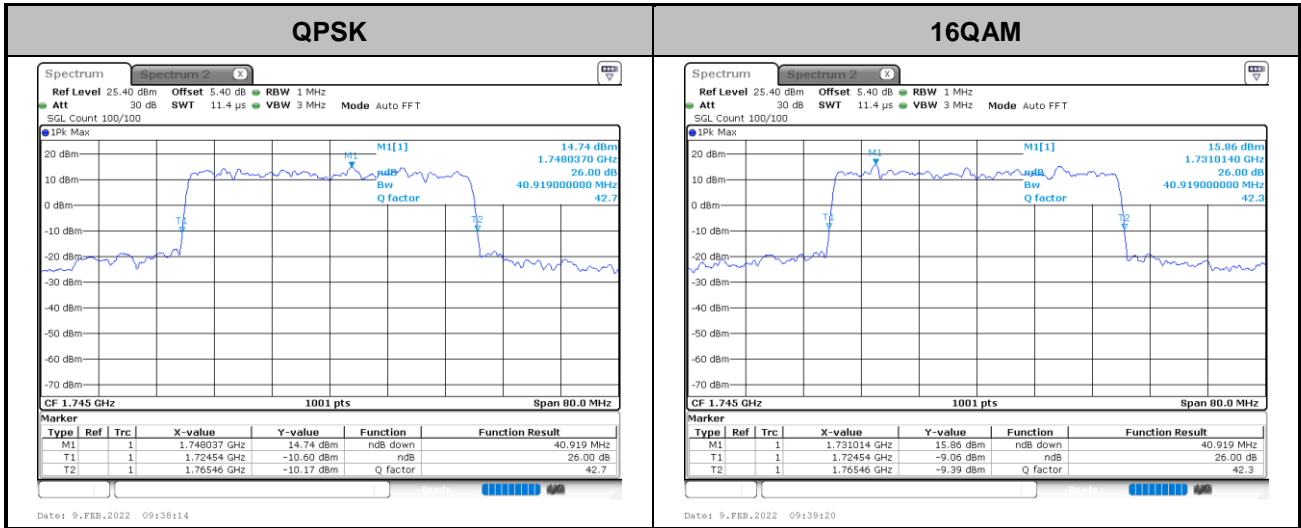
256QAM





## 26dB Bandwidth

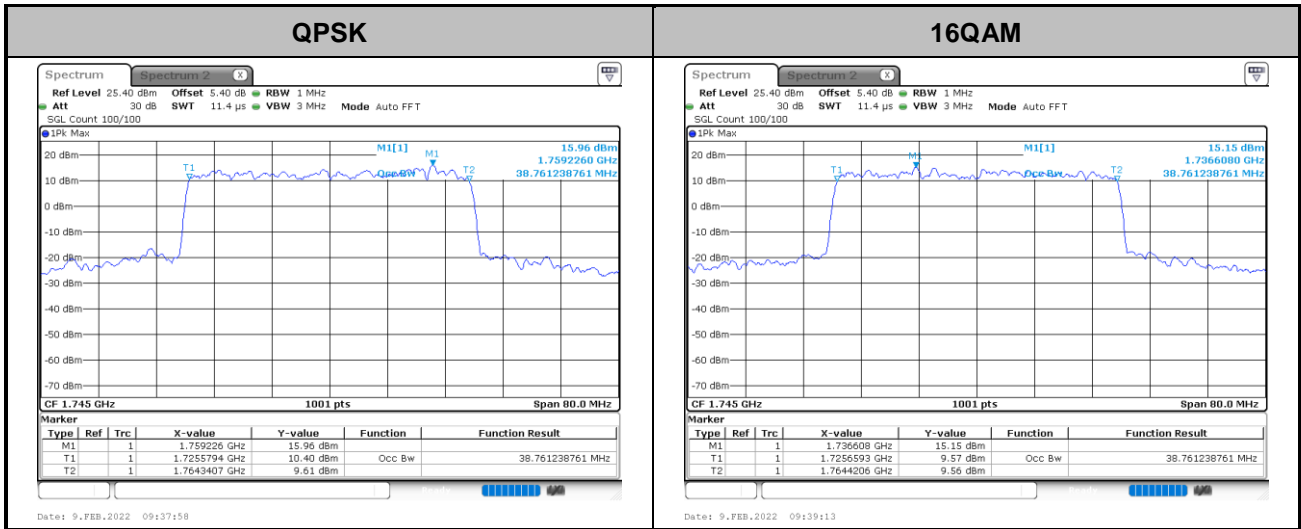
Mode	FR1 n66 : 26dB BW(MHz) / DFT-S OFDM	
BW	40M	
Mod.	QPSK	16QAM
Middle CH	40.92	40.92





# Occupied Bandwidth

<b>Mode</b>	<b>FR1 n66 : 99%OBW(MHz) / DFT-S OFDM</b>	
<b>BW</b>	<b>40M</b>	
<b>Mod.</b>	<b>QPSK</b>	<b>16QAM</b>
<b>Middle CH</b>	<b>38.76</b>	<b>38.76</b>



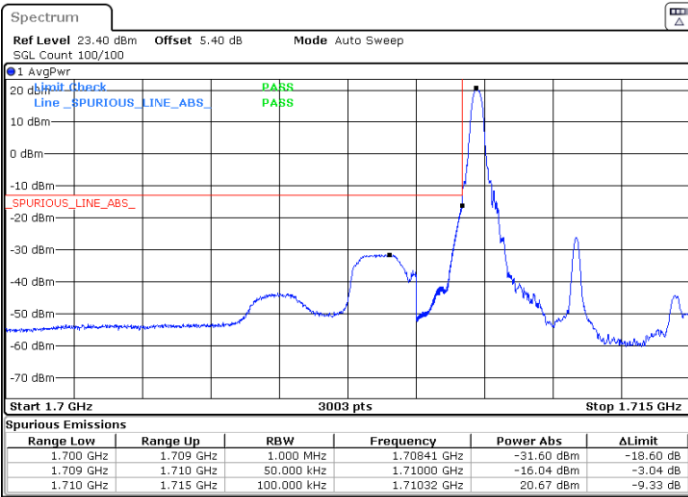


# Conducted Band Edge

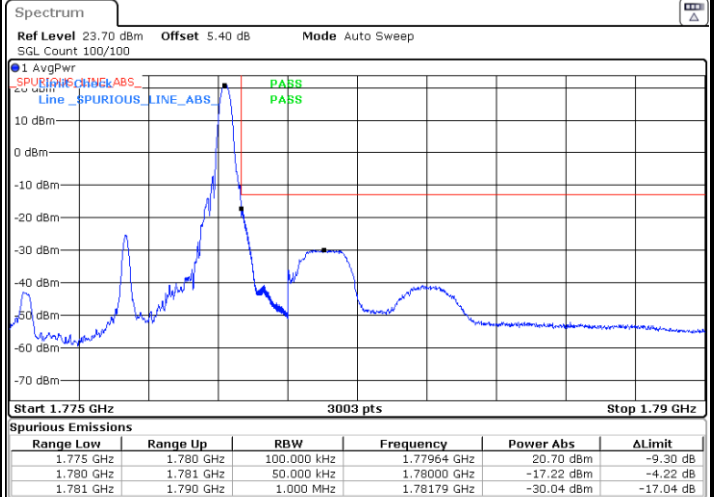
FR1 n66 / 5MHz / DFT-S OFDM / PI/2 BPSK

Lowest Band Edge / 1RB0

Highest Band Edge / 1RBMAX



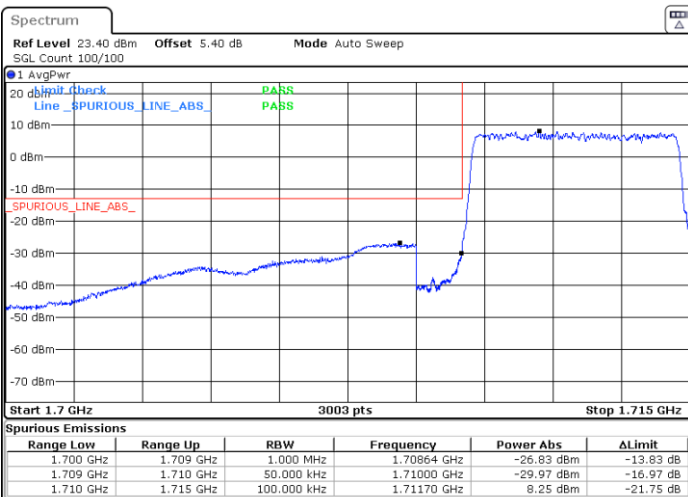
Date: 2 FEB 2022 20:34:41



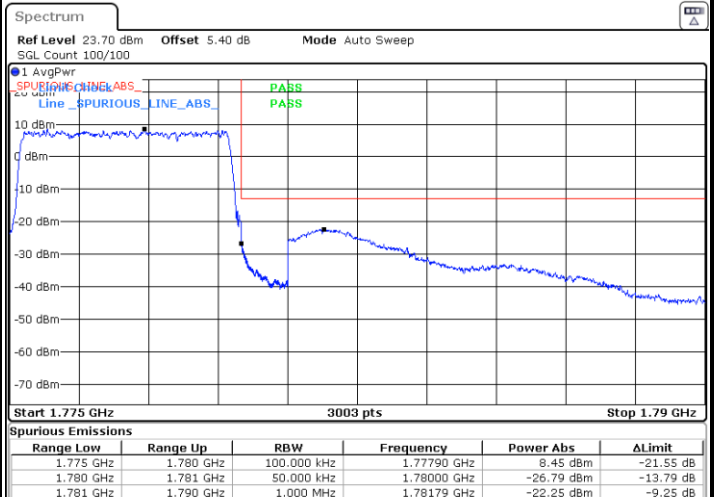
Date: 2 FEB 2022 20:44:48

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 2 FEB 2022 20:27:57



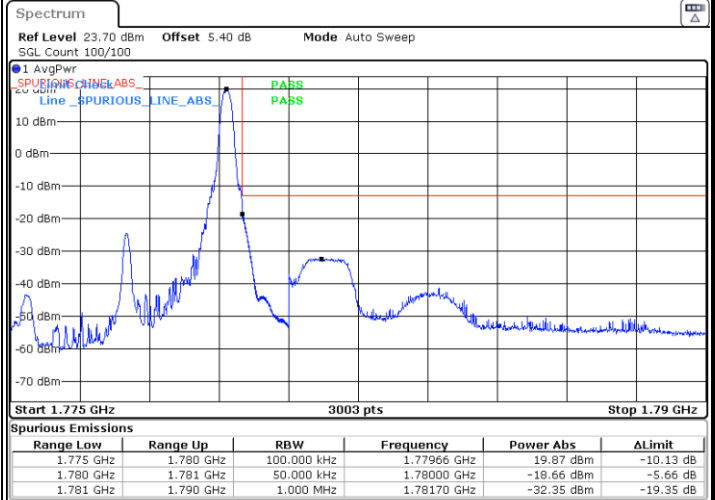
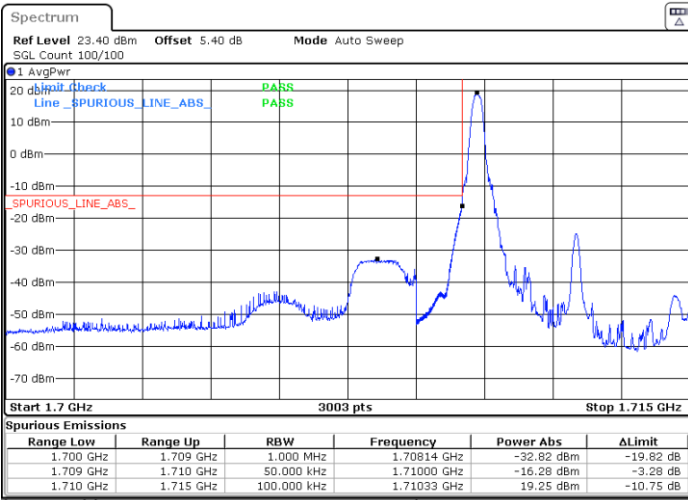
Date: 2 FEB 2022 20:40:53



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

Lowest Band Edge / 1RB0

Highest Band Edge / 1RBMAX

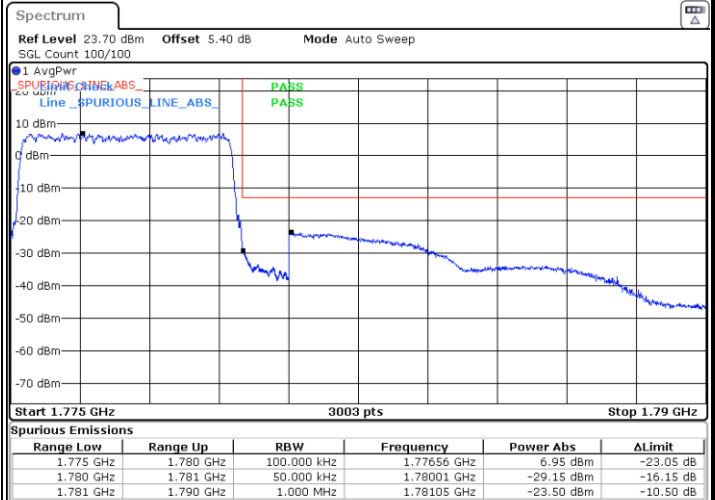
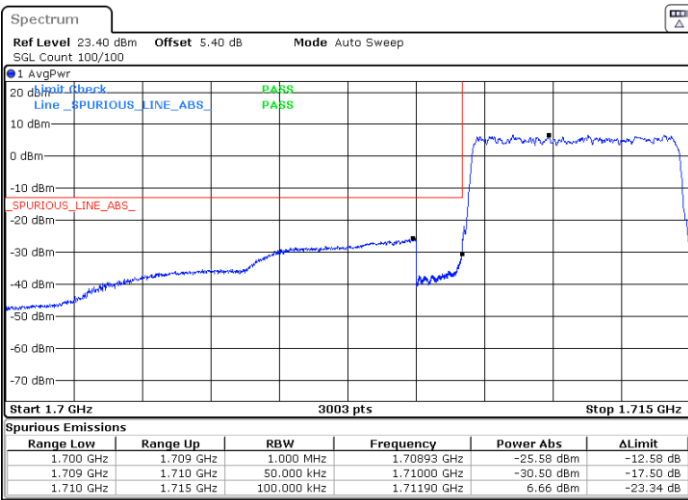


Date: 2.FEB.2022 20:34:14

Date: 2.FEB.2022 20:44:19

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 2.FEB.2022 20:28:24

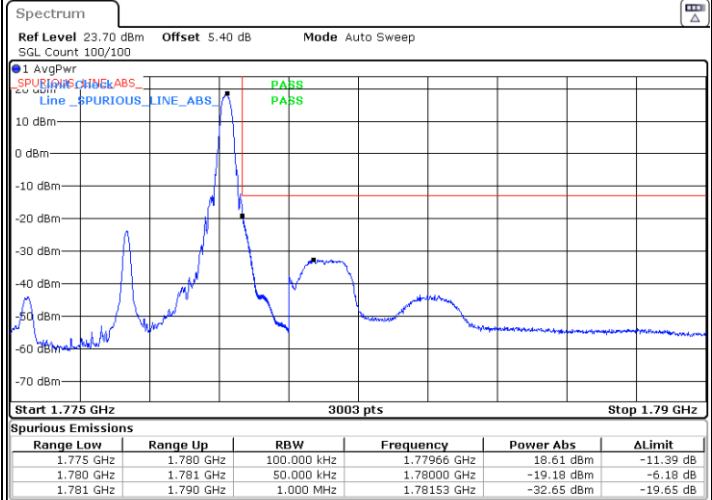
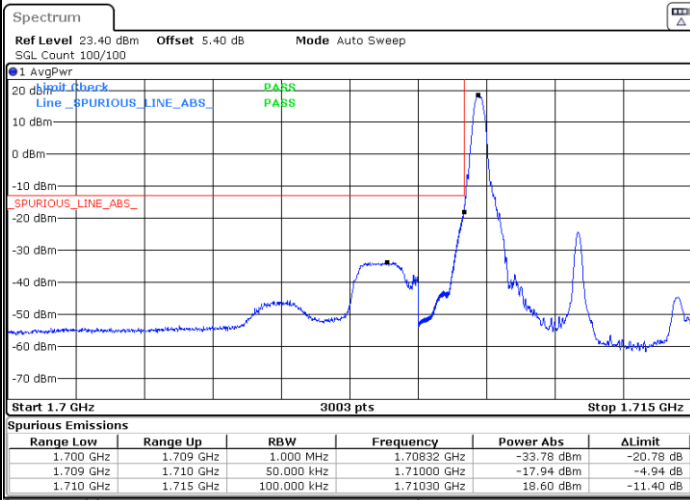
Date: 2.FEB.2022 20:41:17



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

Lowest Band Edge / 1RB0

Highest Band Edge / 1RBMAX

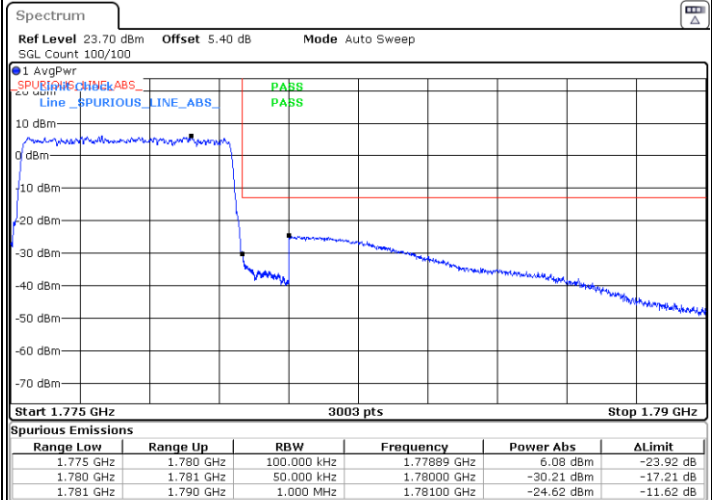
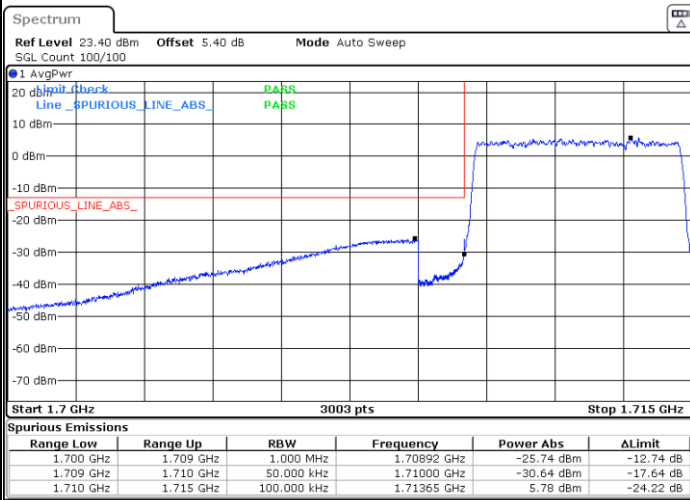


Date: 2.FEB.2022 20:33:49

Date: 2.FEB.2022 20:43:54

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 2.FEB.2022 20:28:49

Date: 2.FEB.2022 20:41:41

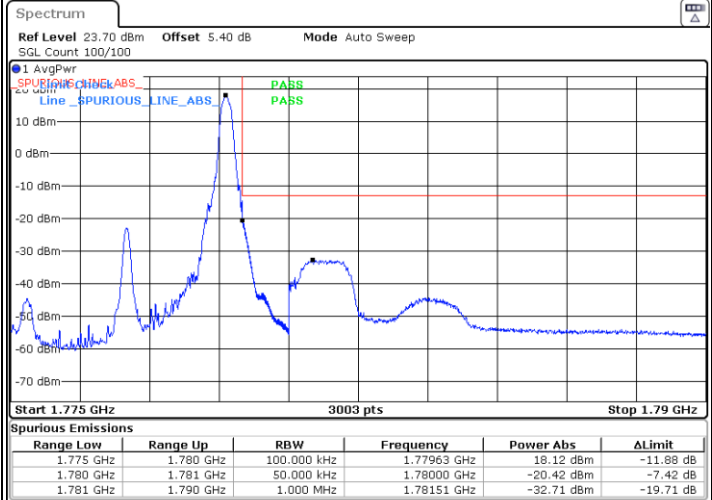
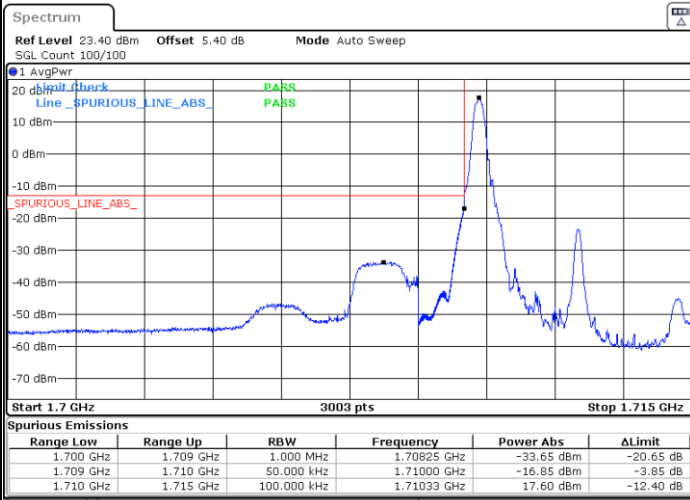




FR1 n66 / 5MHz / DFT-S OFDM / 64Q

Lowest Band Edge / 1RB0

Highest Band Edge / 1RBMAX

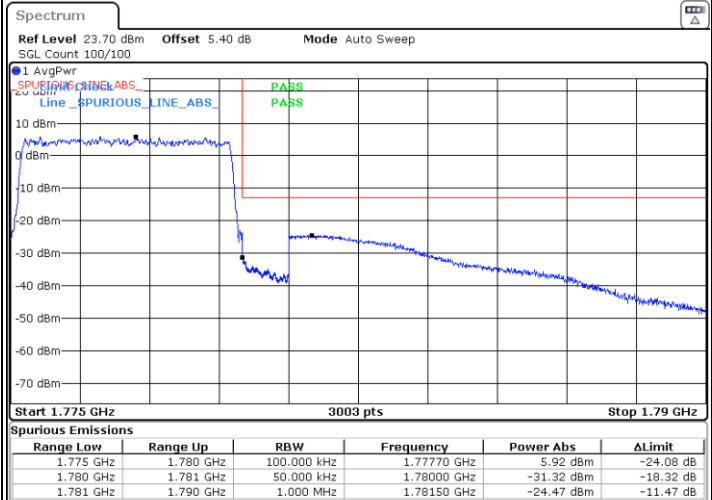
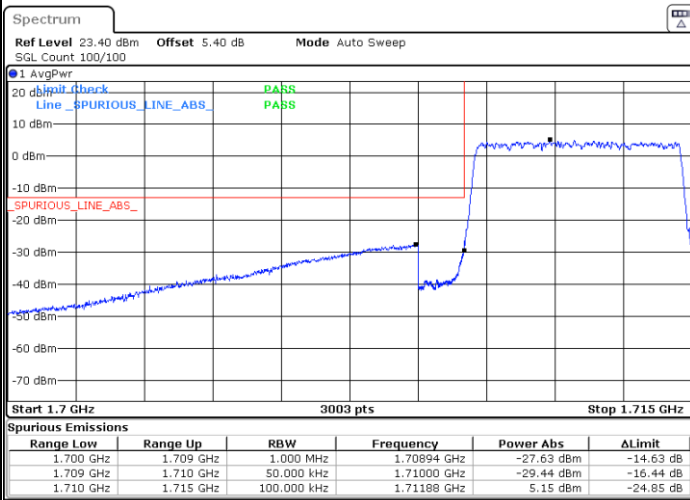


Date: 2.FEB.2022 20:33:25

Date: 2.FEB.2022 20:43:28

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 2.FEB.2022 20:29:15

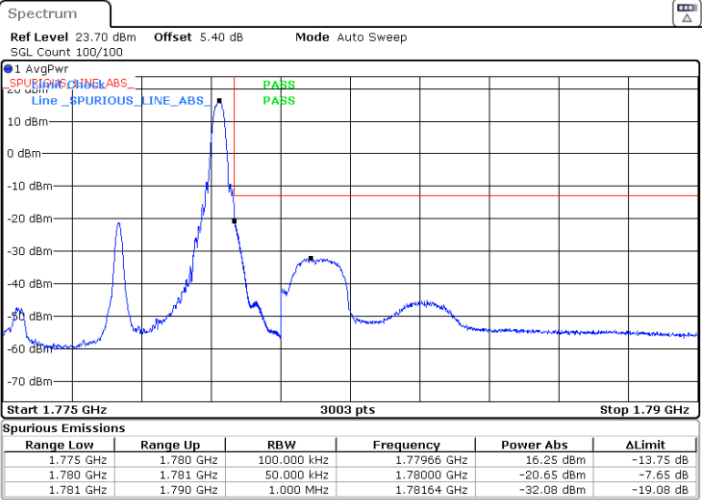
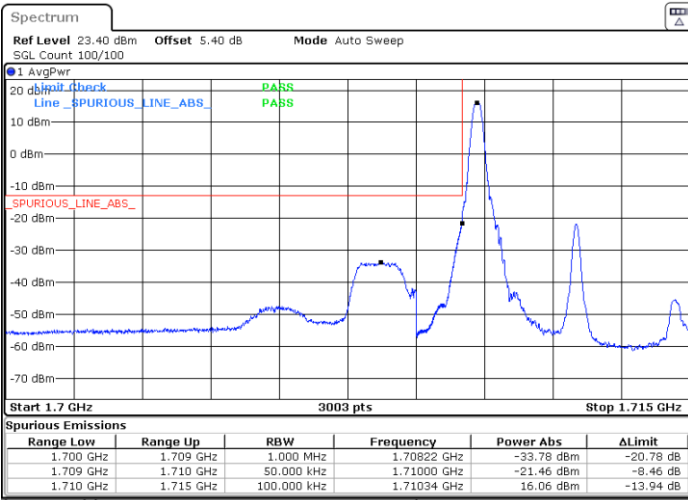
Date: 2.FEB.2022 20:42:06



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

Lowest Band Edge / 1RB0

Highest Band Edge / 1RBMAX

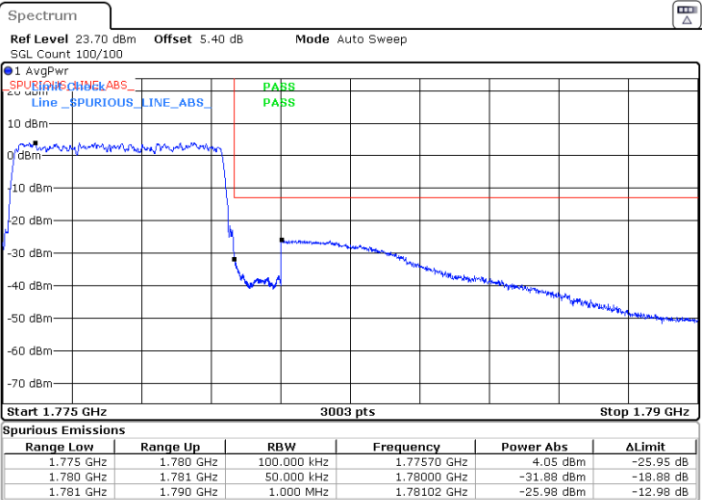
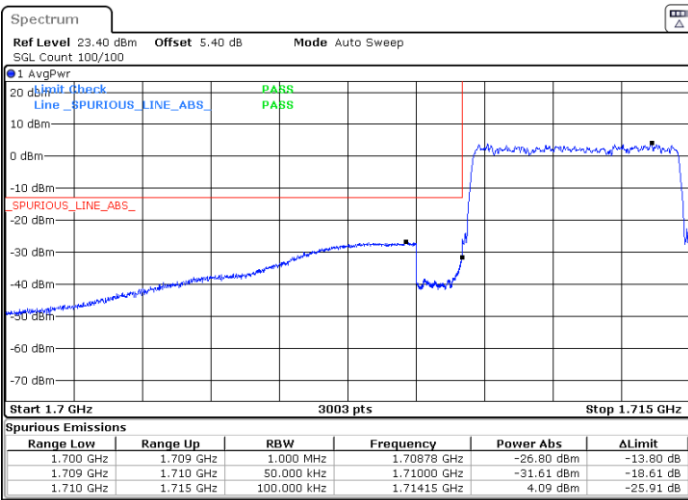


Date: 2 FEB 2022 20:32:59

Date: 2 FEB 2022 20:43:03

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 2 FEB 2022 20:30:54

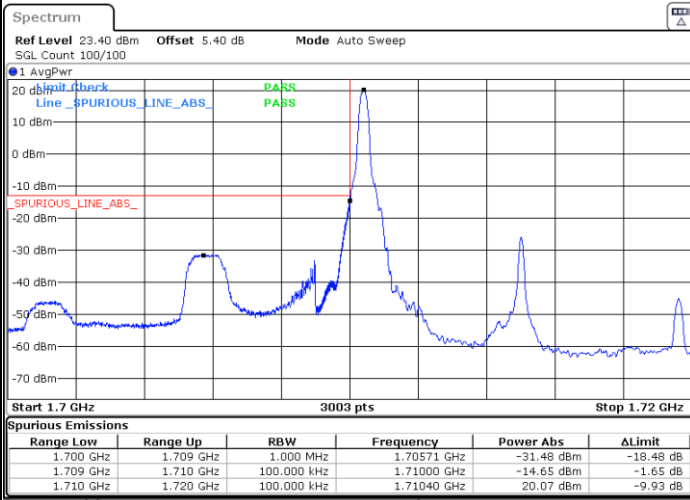
Date: 2 FEB 2022 20:42:34



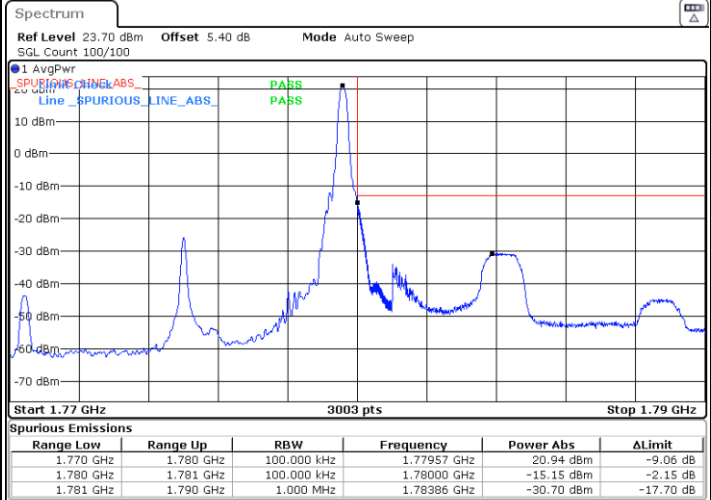
FR1 n66 / 10MHz / DFT-s-OFDM / PI/2 BPSK

Lowest Band Edge / 1RB0

Highest Band Edge / 1RBMAX



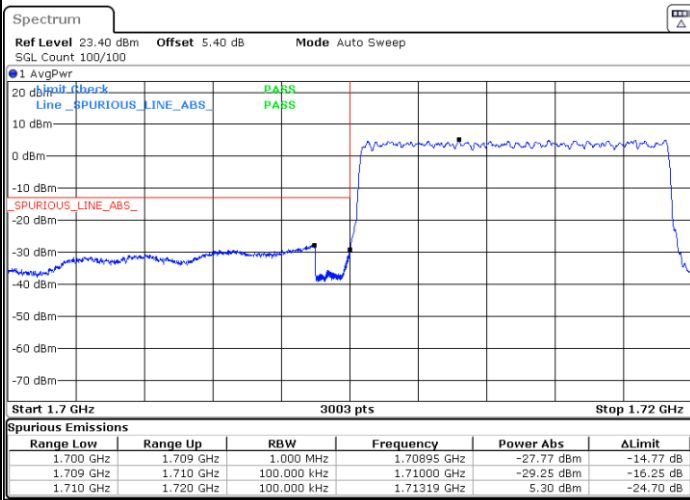
Date: 2.FEB.2022 21:03.49



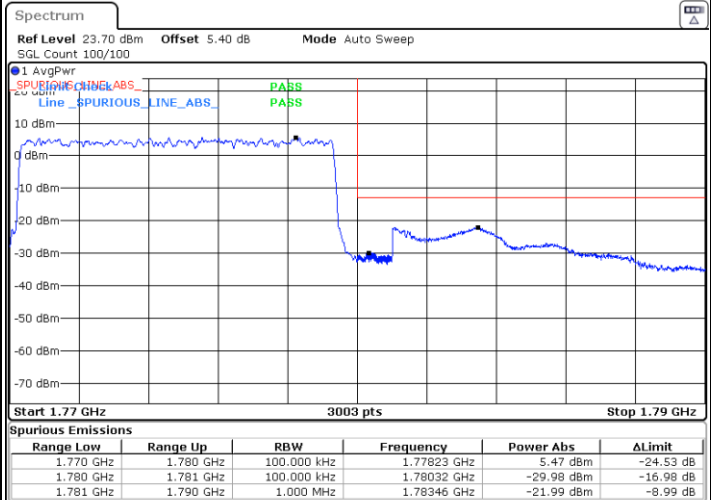
Date: 2.FEB.2022 21:22.07

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 2.FEB.2022 20:56.26



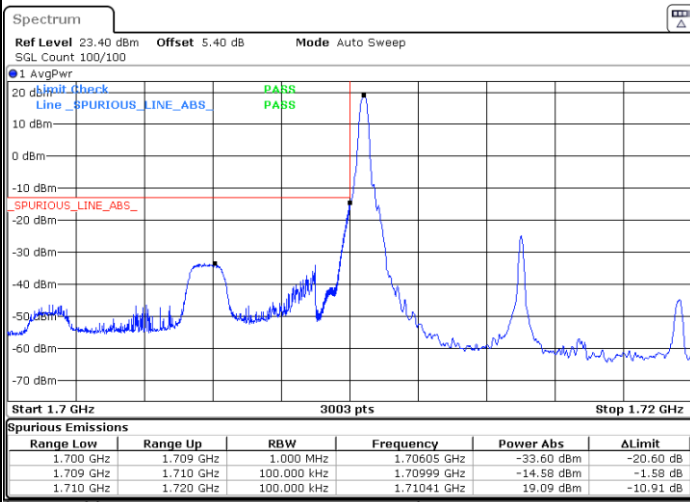
Date: 2.FEB.2022 21:07.24



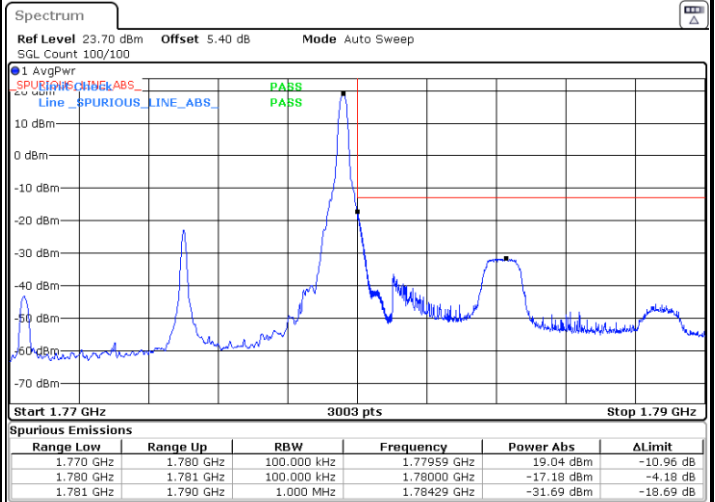
FR1 n66 / 10MHz / DFT-s-OFDM / QPSK

Lowest Band Edge / 1RB0

Highest Band Edge / 1RBMAX



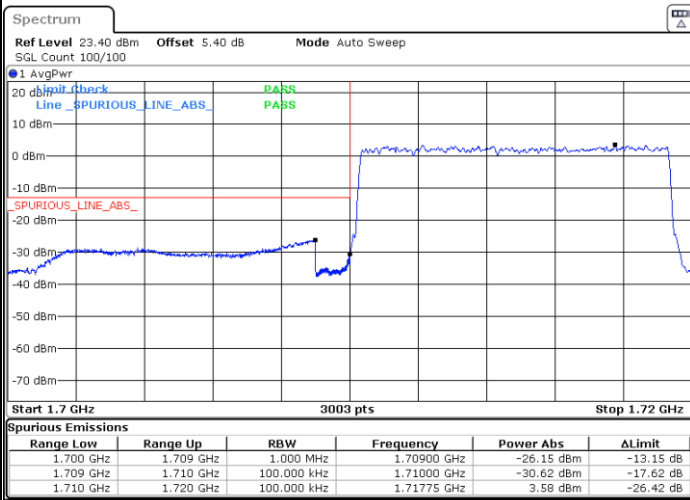
Date: 2.FEB.2022 21:03:07



Date: 2.FEB.2022 21:10:59

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 2.FEB.2022 20:56:59



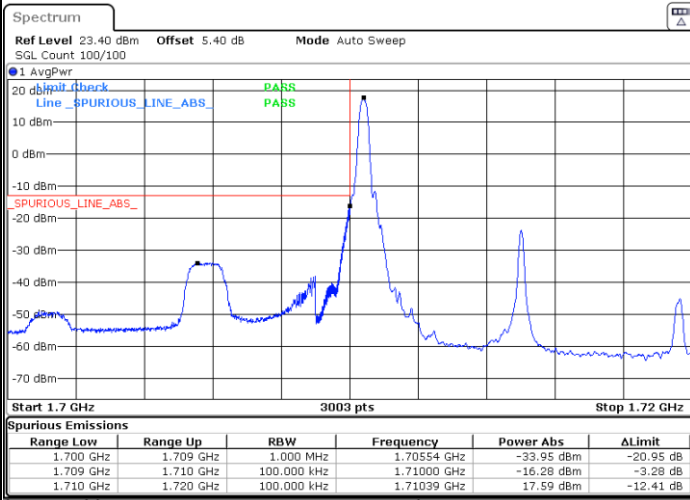
Date: 2.FEB.2022 21:07:55



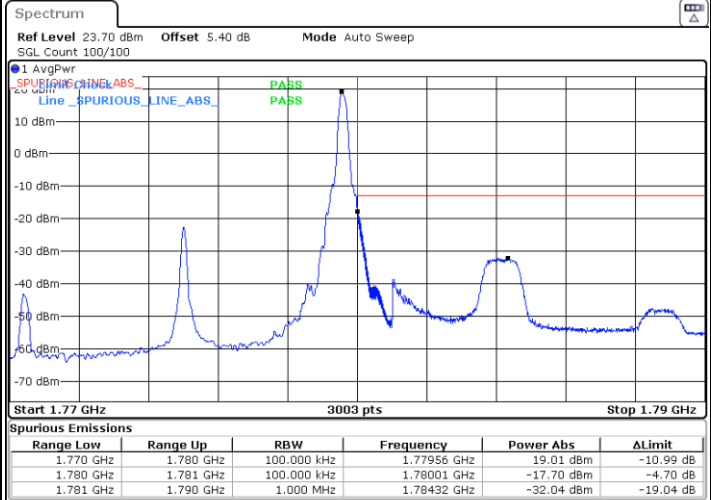
FR1 n66 / 10MHz / DFT-s-OFDM / 16QAM

Lowest Band Edge / 1RB0

Highest Band Edge / 1RBMAX



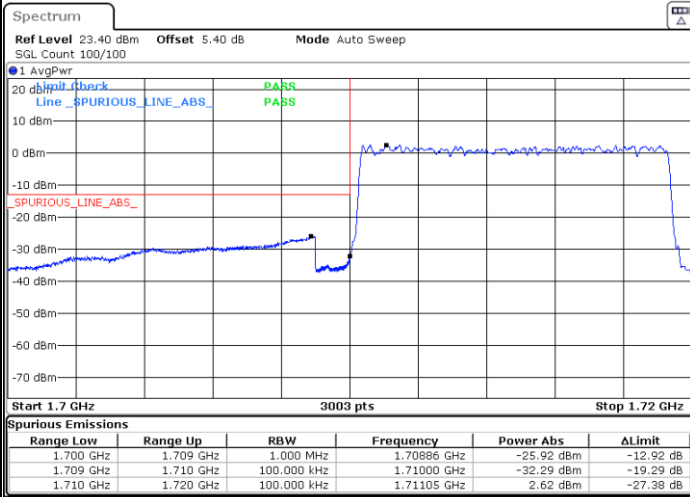
Date: 2.FEB.2022 21:02:26



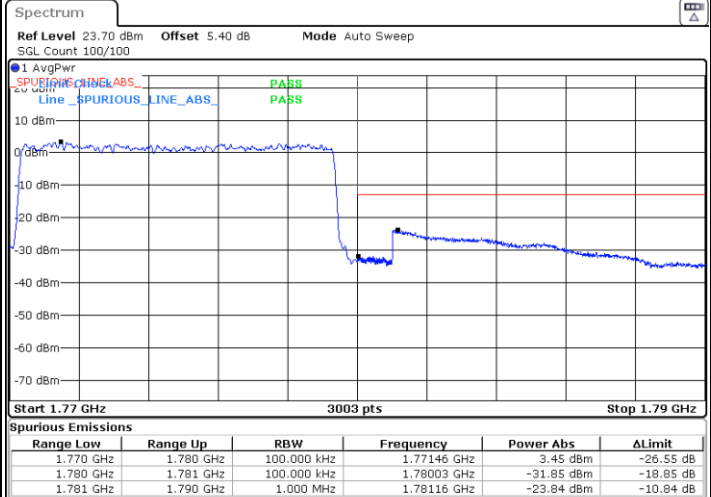
Date: 2.FEB.2022 21:10:33

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 2.FEB.2022 20:57:52



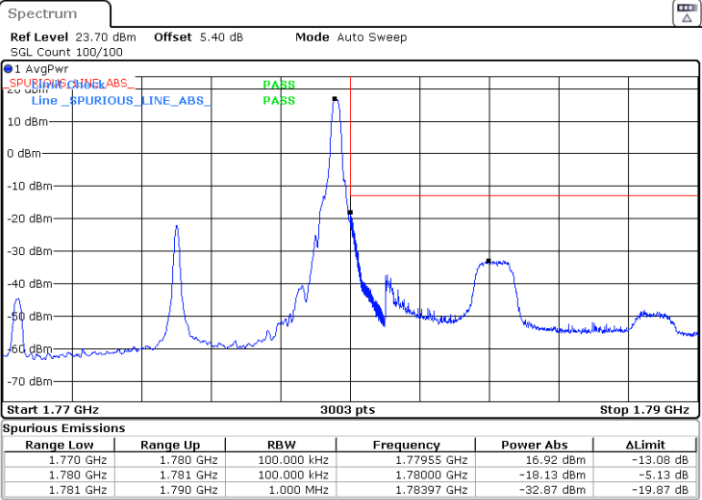
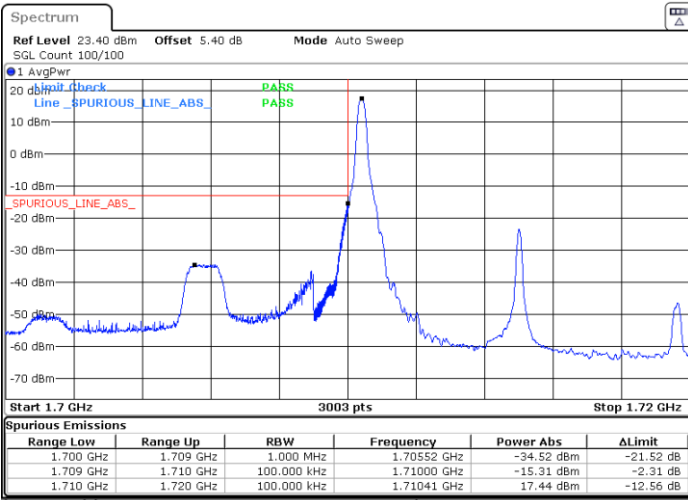
Date: 2.FEB.2022 21:08:20



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

Lowest Band Edge / 1RB0

Highest Band Edge / 1RBMAX

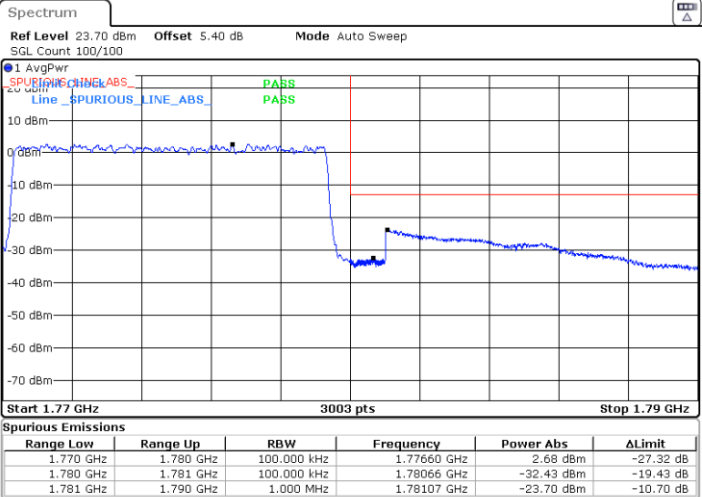
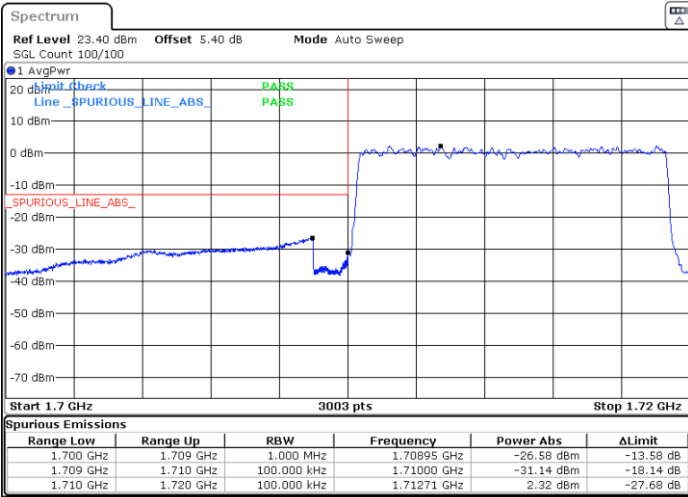


Date: 2.FEB.2022 21:01:28

Date: 2.FEB.2022 21:10:11

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 2.FEB.2022 20:58:36

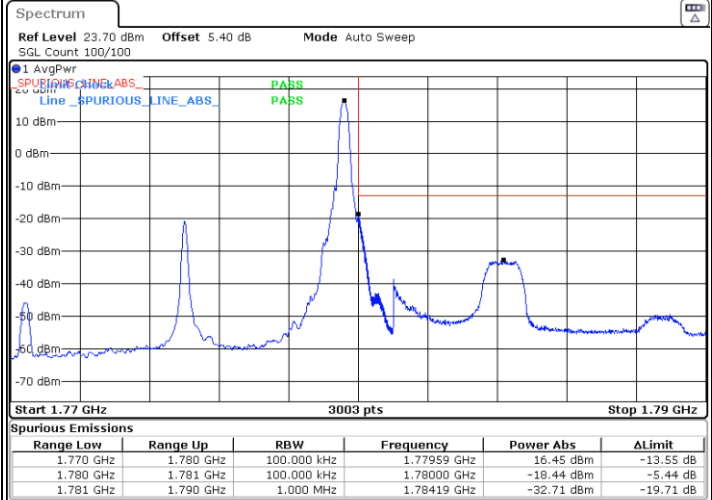
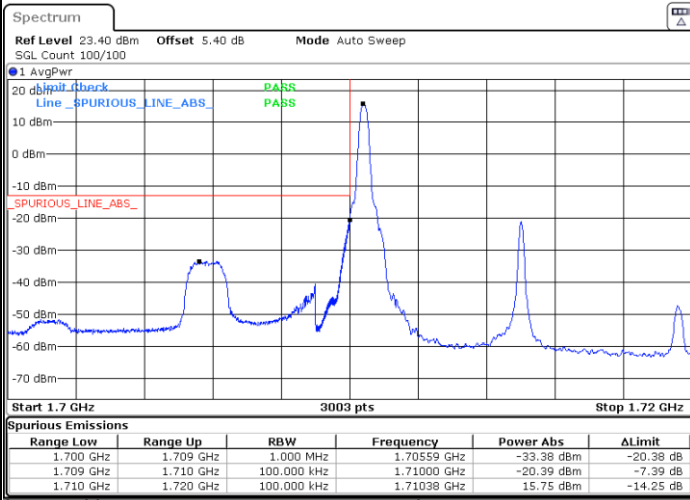
Date: 2.FEB.2022 21:08:42



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

Lowest Band Edge / 1RB0

Highest Band Edge / 1RBMAX

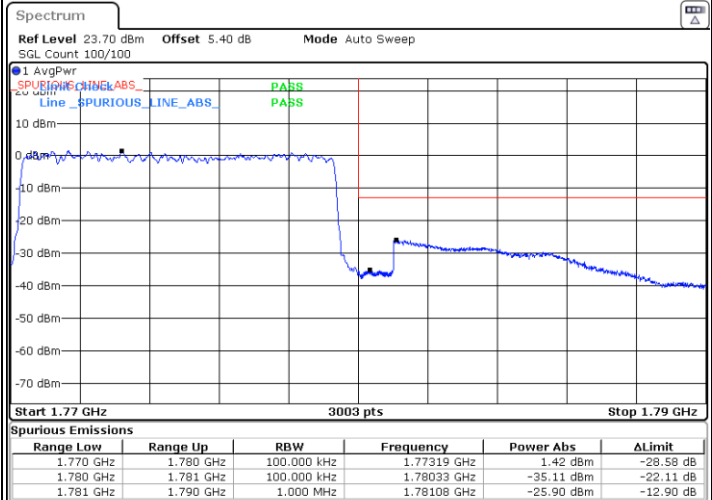
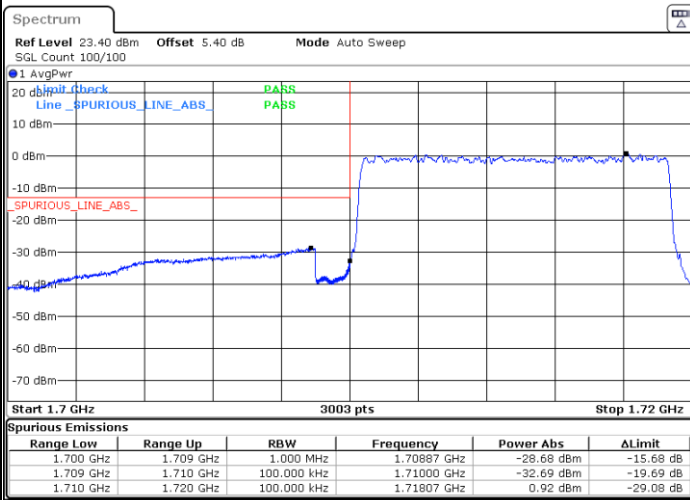


Date: 2.FEB.2022 21:00:42

Date: 2.FEB.2022 21:09:49

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 2.FEB.2022 20:58:54

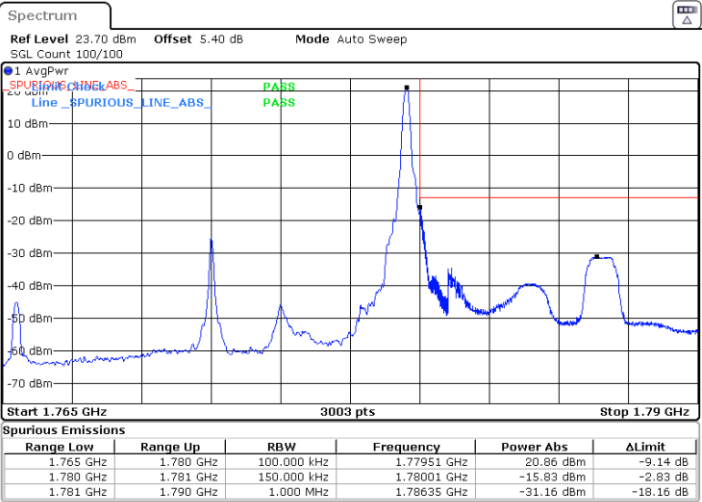
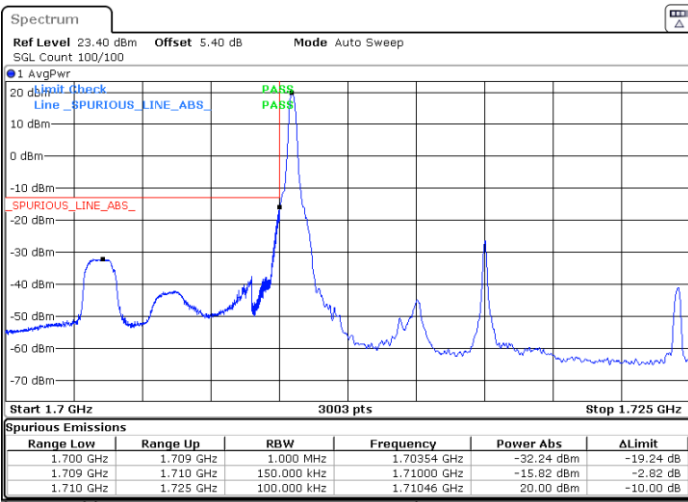
Date: 2.FEB.2022 21:09:11



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

Lowest Band Edge / 1RB0

Highest Band Edge / 1RBMAX

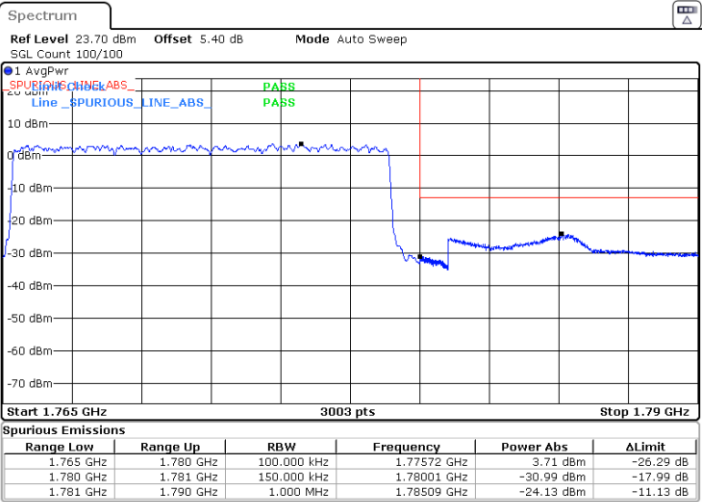
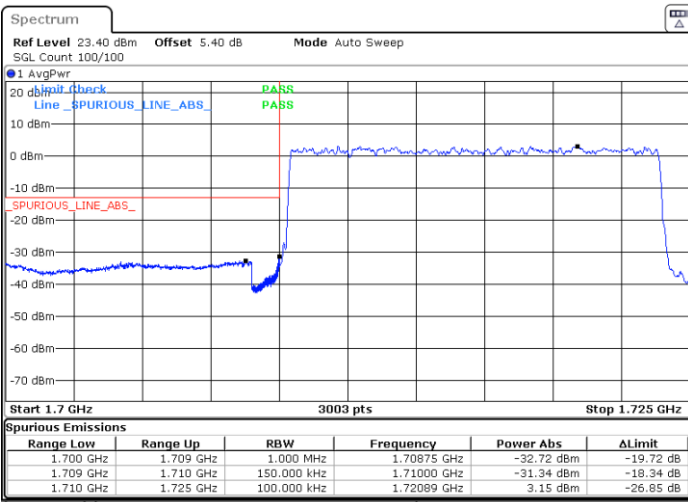


Date: 2.FEB.2022 22:08:27

Date: 2.FEB.2022 22:16:53

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 2.FEB.2022 22:05:44

Date: 2.FEB.2022 22:12:28

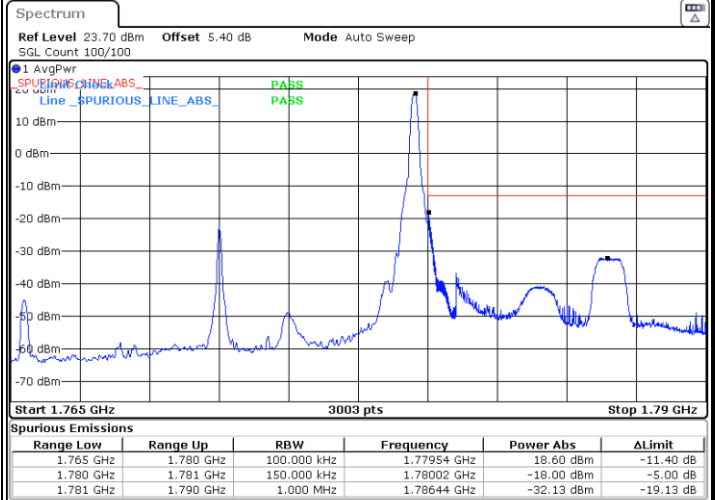
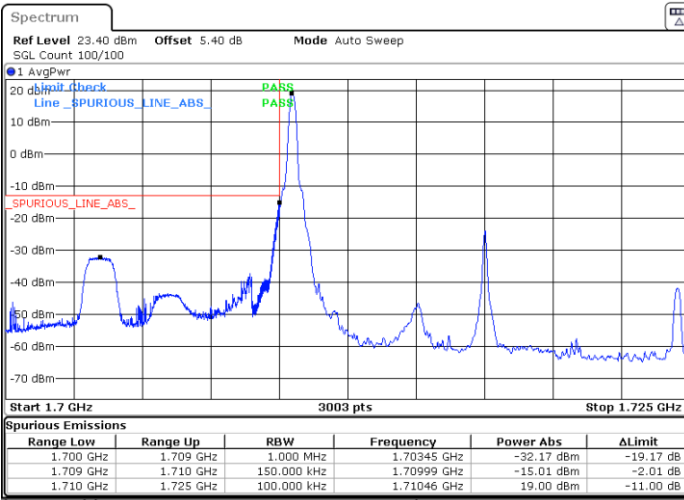




FR1 n66 / 15MHz / DFT-s-OFDM / QPSK

Lowest Band Edge / 1RB0

Highest Band Edge / 1RBMAX

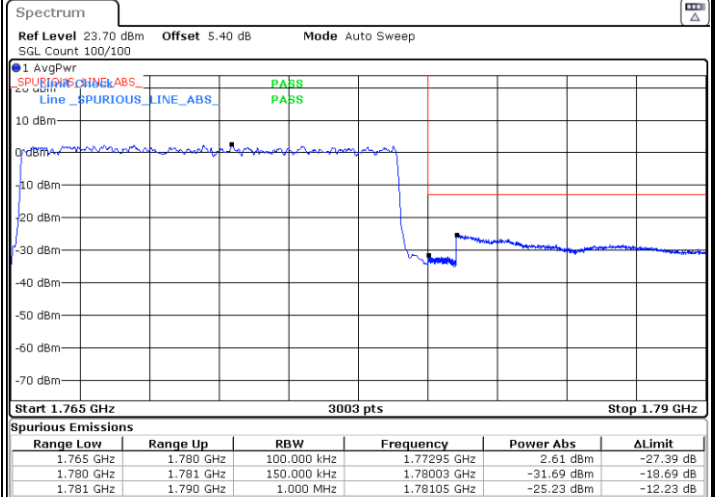
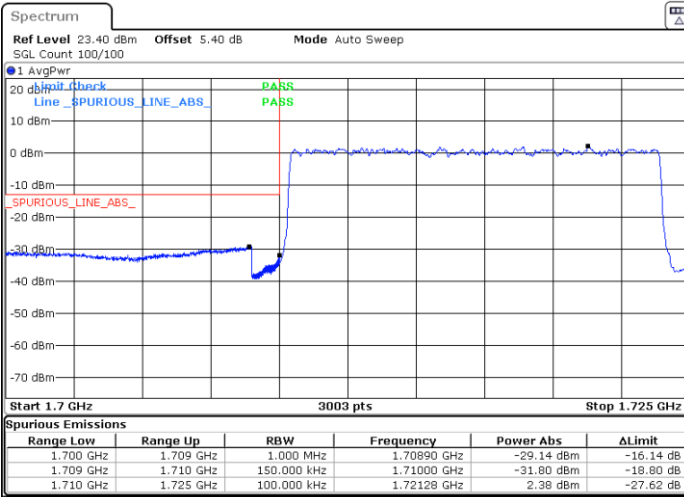


Date: 2.FEB.2022 22:08:04

Date: 2.FEB.2022 22:16:06

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 2.FEB.2022 22:06:02

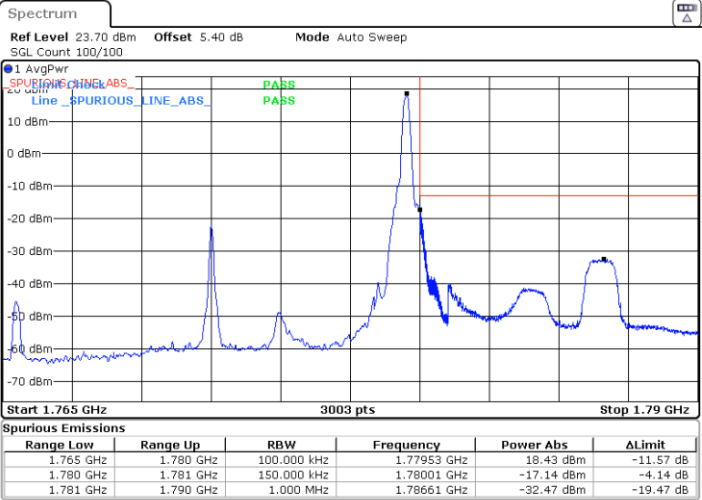
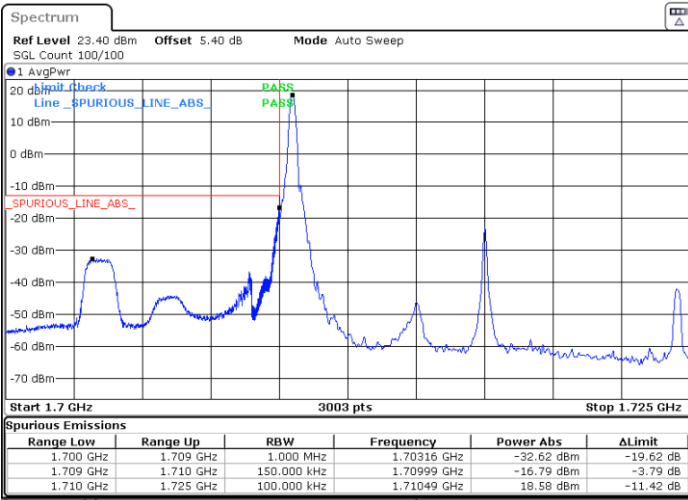
Date: 2.FEB.2022 22:12:45



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

Lowest Band Edge / 1RB0

Highest Band Edge / 1RBMAX

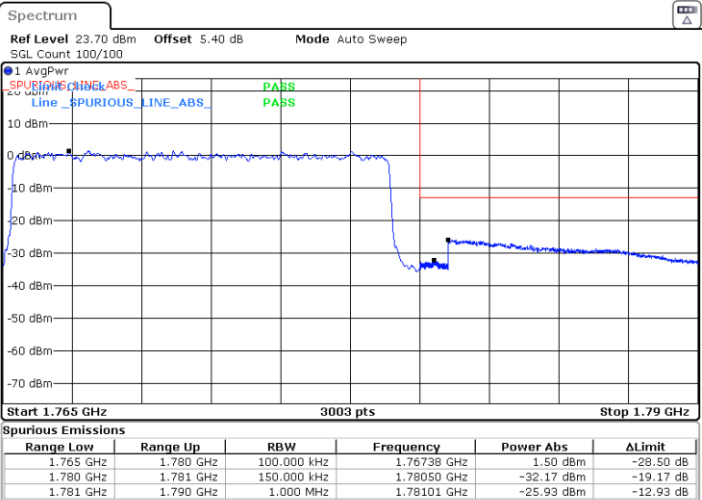
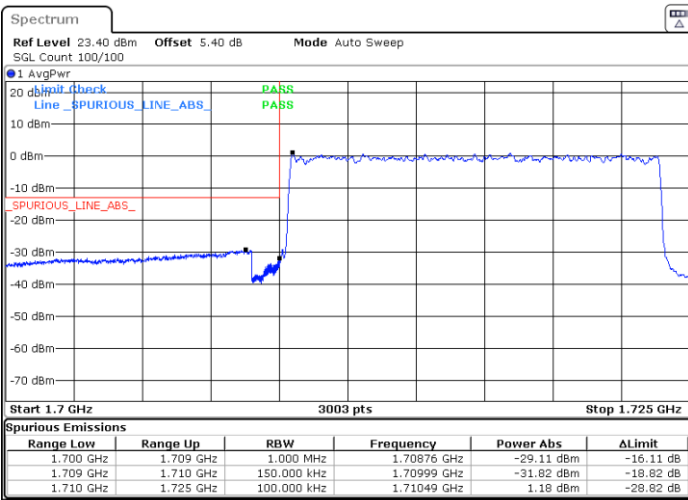


Date: 2.FEB.2022 22:07:48

Date: 2.FEB.2022 22:15:31

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 2.FEB.2022 22:06:18

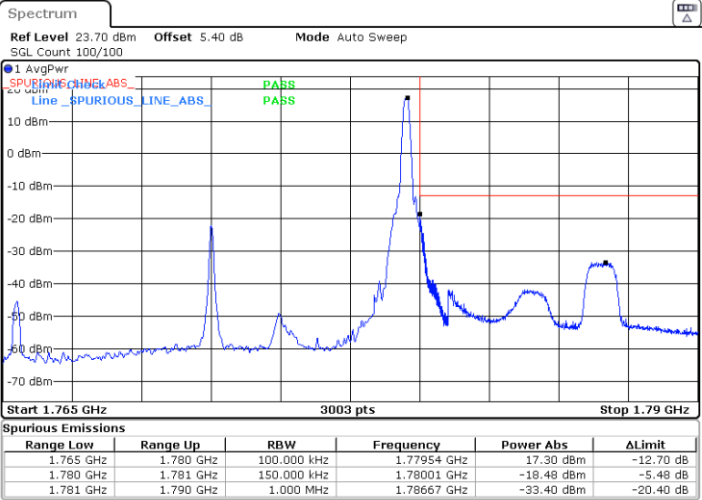
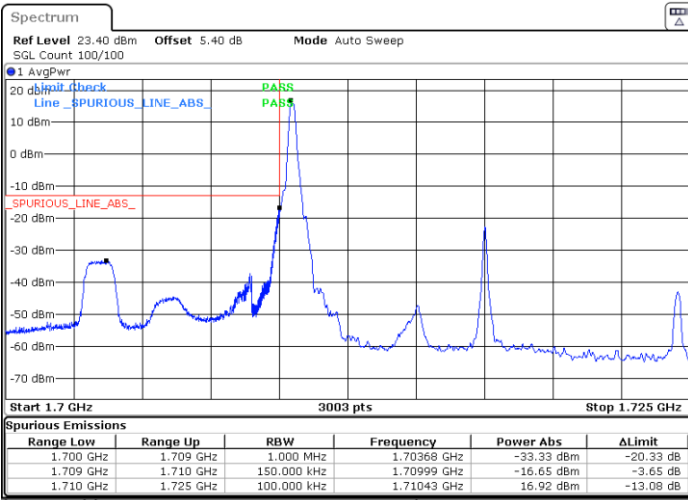
Date: 2.FEB.2022 22:13:02



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

Lowest Band Edge / 1RB0

Highest Band Edge / 1RBMAX

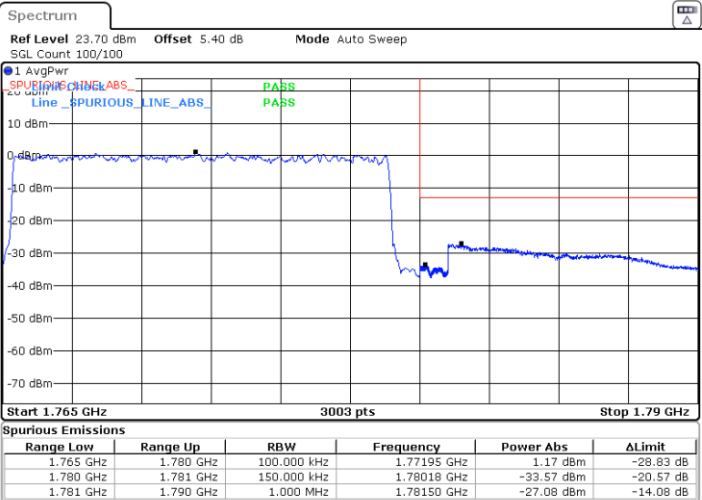
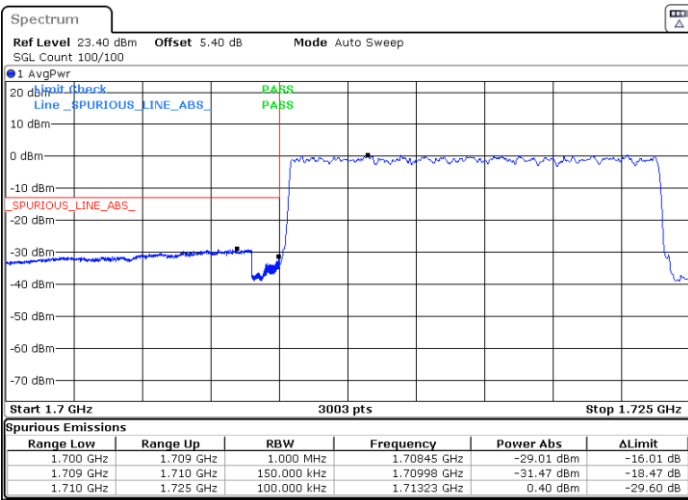


Date: 2.FEB.2022 22:07:30

Date: 2.FEB.2022 22:15:01

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 2.FEB.2022 22:06:34

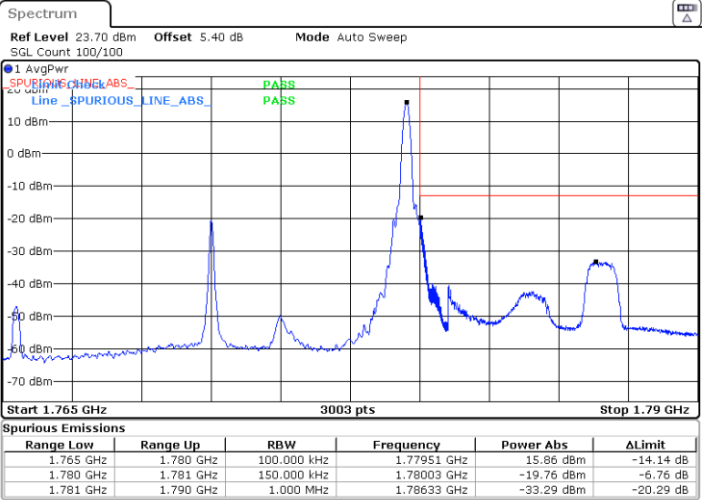
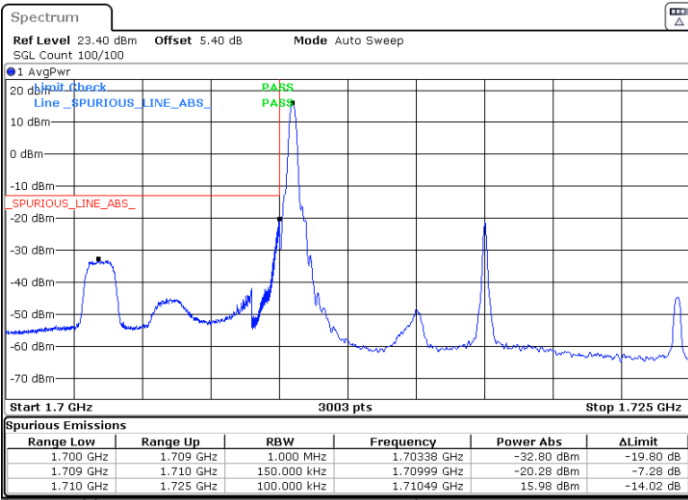
Date: 2.FEB.2022 22:13:24



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

Lowest Band Edge / 1RB0

Highest Band Edge / 1RBMAX

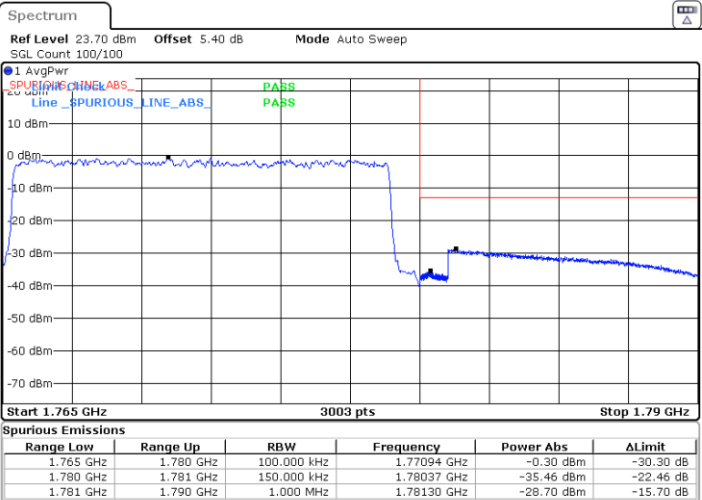
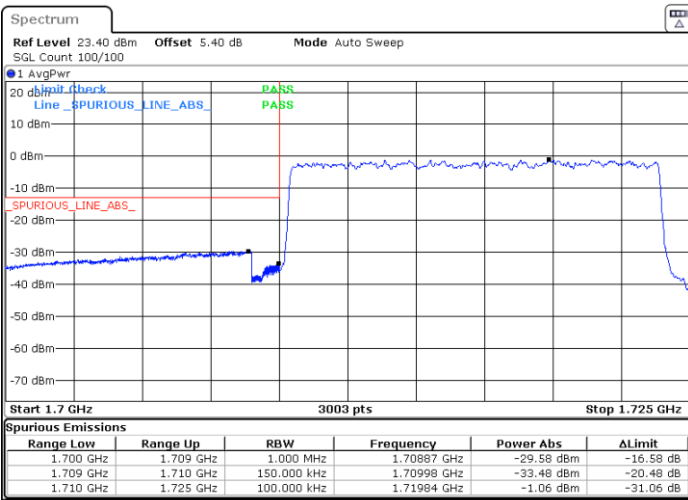


Date: 2.FEB.2022 22:07:14

Date: 2.FEB.2022 22:14:37

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 2.FEB.2022 22:06:55

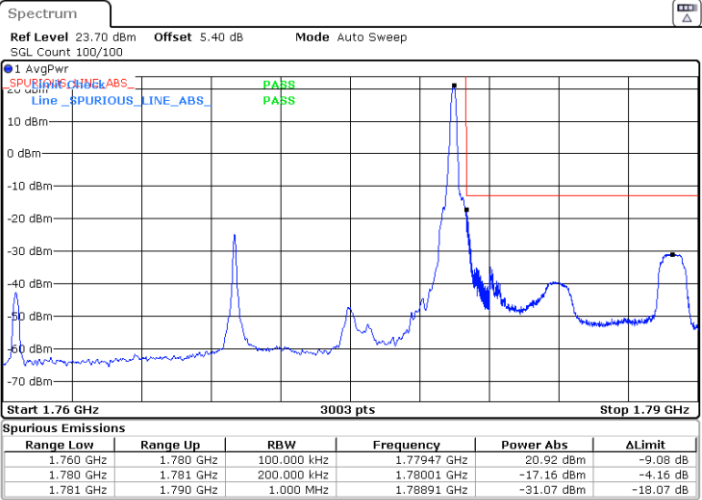
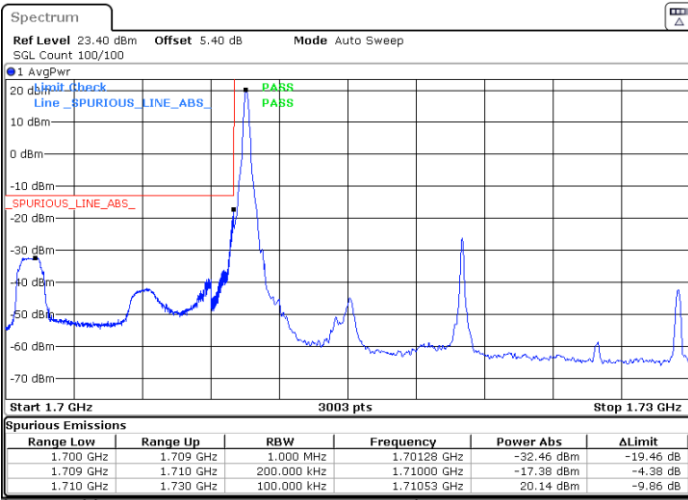
Date: 2.FEB.2022 22:13:56



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

Lowest Band Edge / 1RB0

Highest Band Edge / 1RBMAX

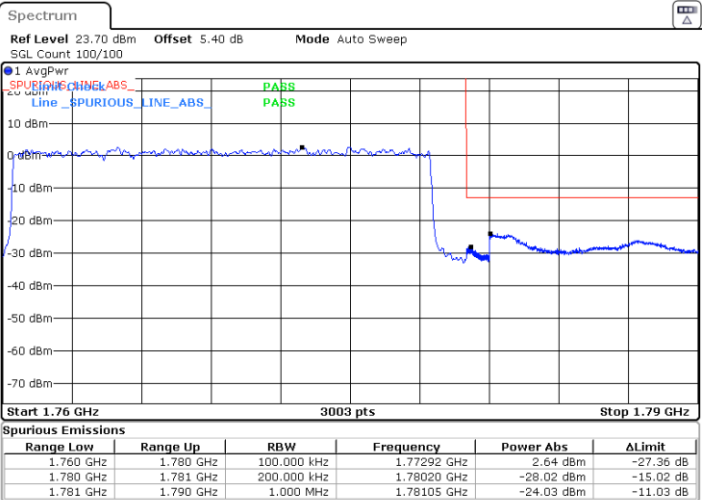
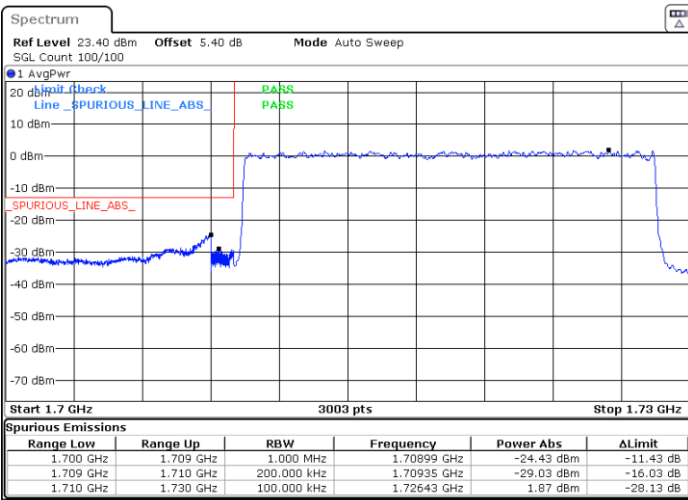


Date: 2.FEB.2022 23:27:49

Date: 2.FEB.2022 23:39:49

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 2.FEB.2022 23:21:04

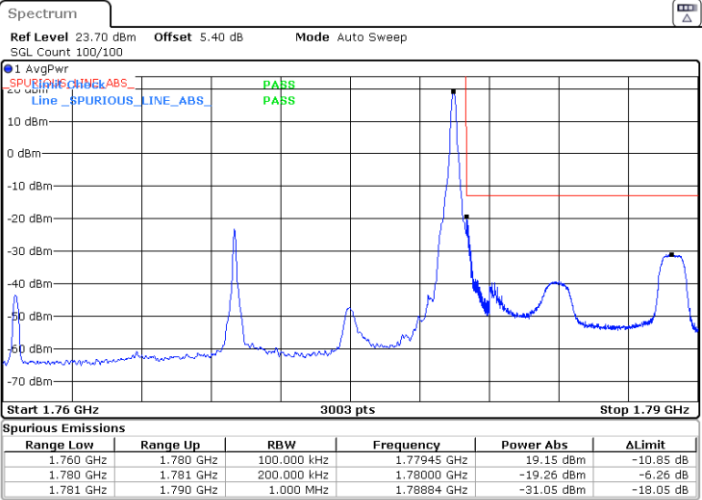
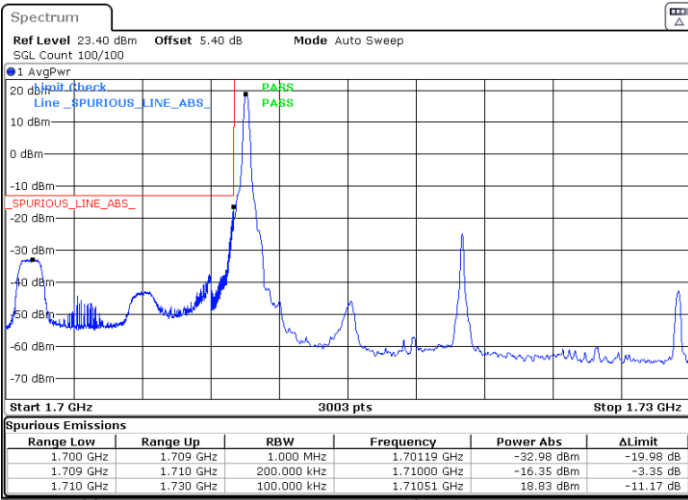
Date: 2.FEB.2022 23:31:49



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

Lowest Band Edge / 1RB0

Highest Band Edge / 1RBMAX

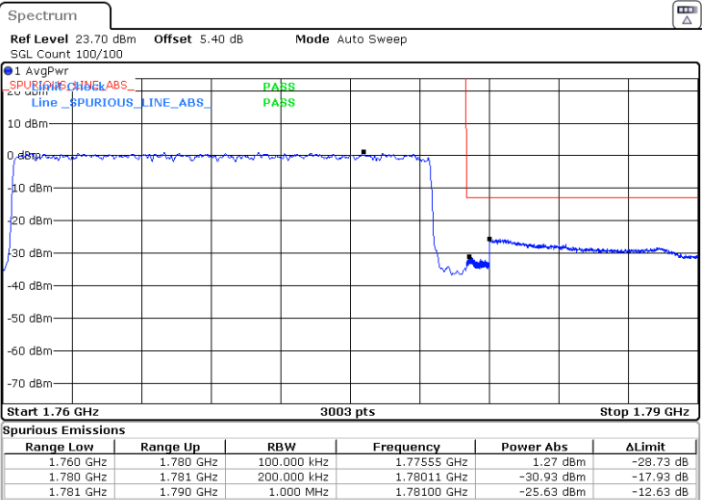
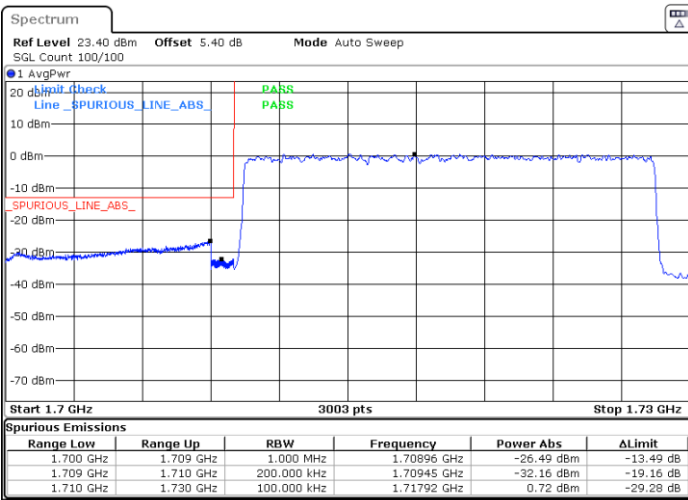


Date: 2.FEB.2022 23:27:16

Date: 3.FEB.2022 01:54:13

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 2.FEB.2022 23:21:30

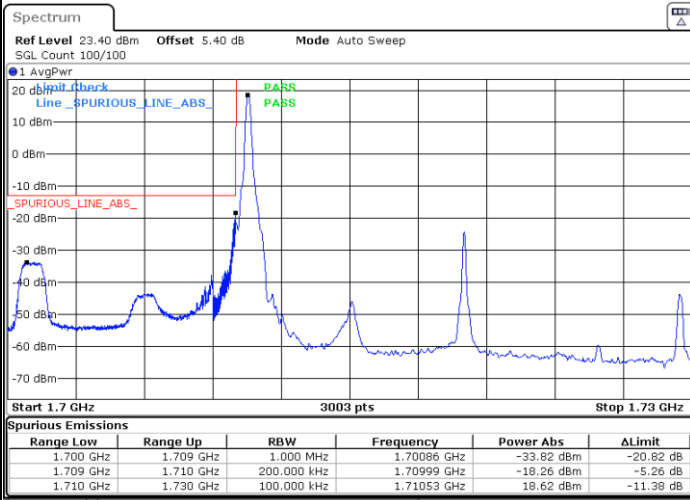
Date: 2.FEB.2022 23:32:07



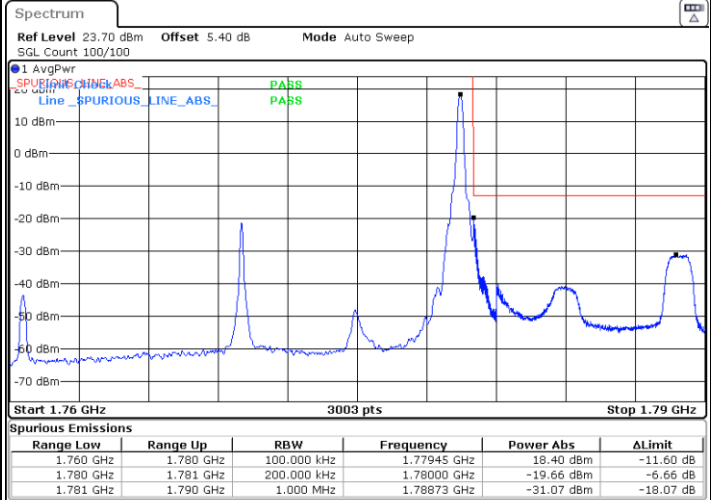
FR1 n66 / 20MHz / DFT-s-OFDM / 16QAM

Lowest Band Edge / 1RB0

Highest Band Edge / 1RBMAX



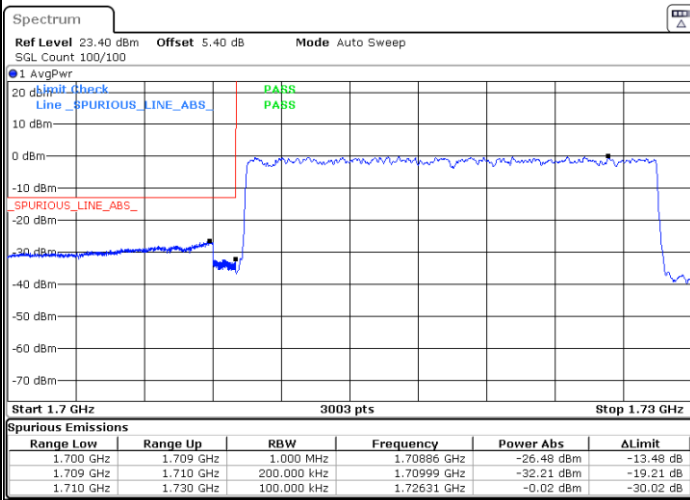
Date: 2.FEB.2022 23:25:26



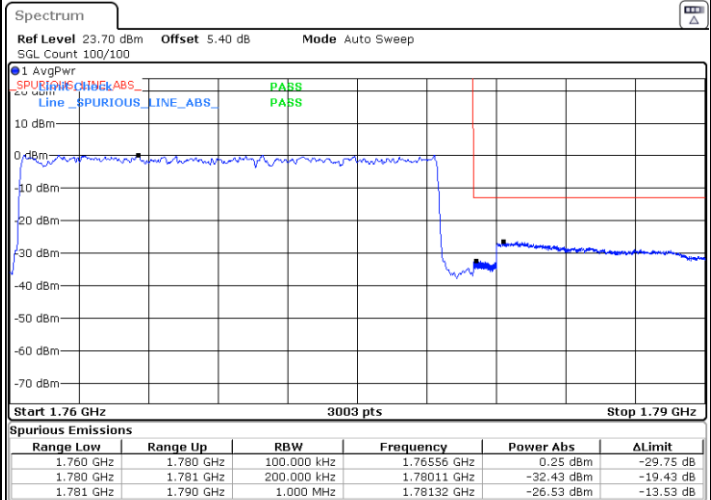
Date: 2.FEB.2022 23:39:01

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 2.FEB.2022 23:21:49



Date: 2.FEB.2022 23:32:27