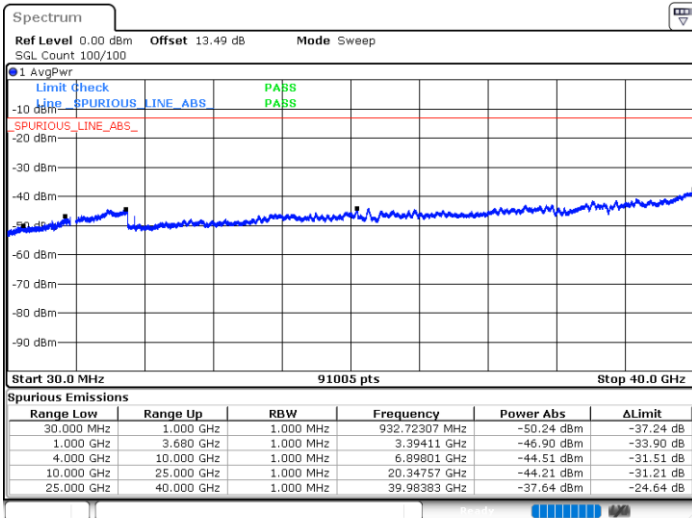




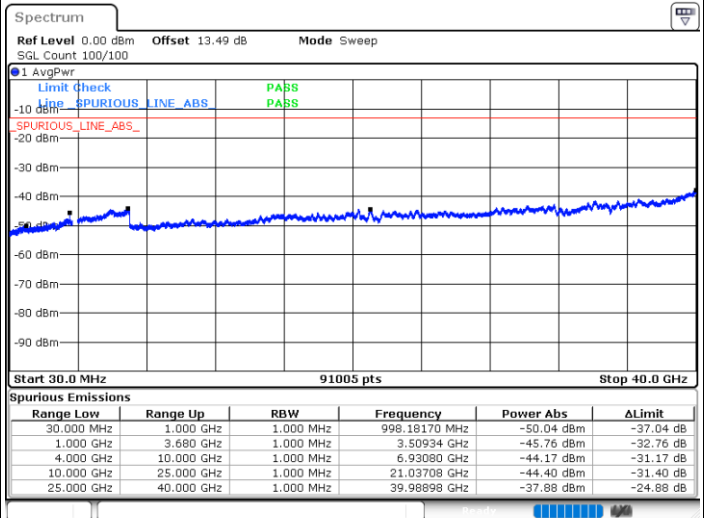
FR1 n77 / 50MHz / DFT-S OFDM / QPSK

Lowest Channel / 1RB1

Middle Channel / 1RB1

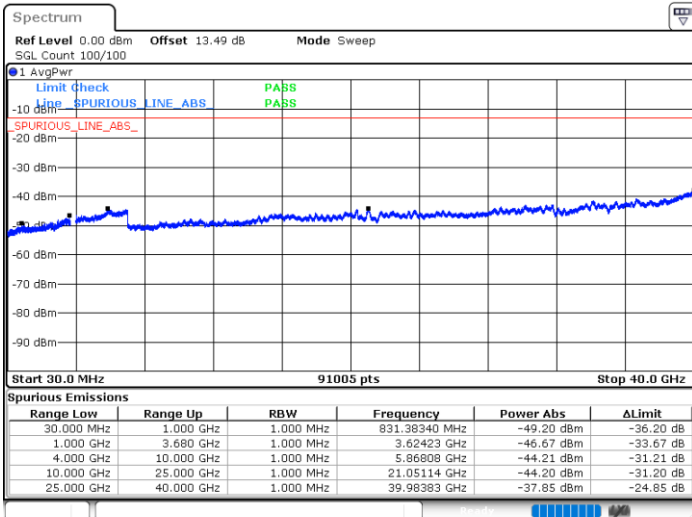


Date: 13.MAR.2022 05:25:25



Date: 13.MAR.2022 05:24:04

Highest Channel / 1RB1



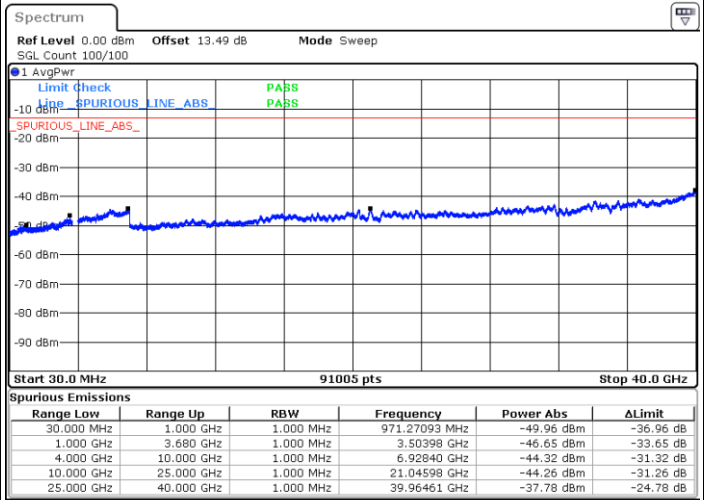
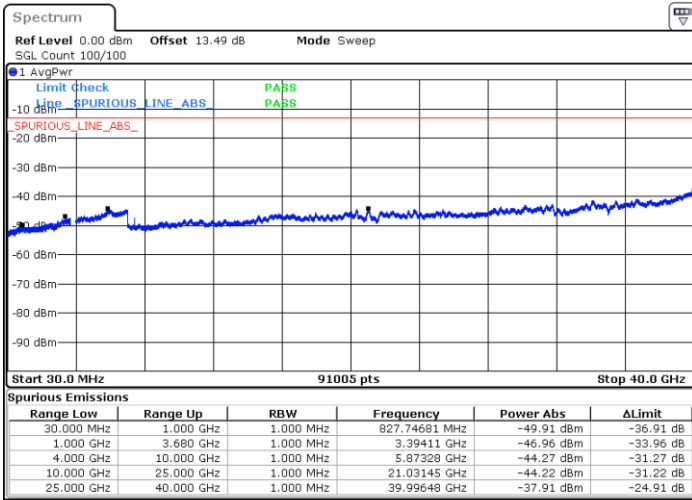
Date: 13.MAR.2022 05:49:31



FR1 n77 / 60MHz / DFT-S OFDM / QPSK

Lowest Channel / 1RB1

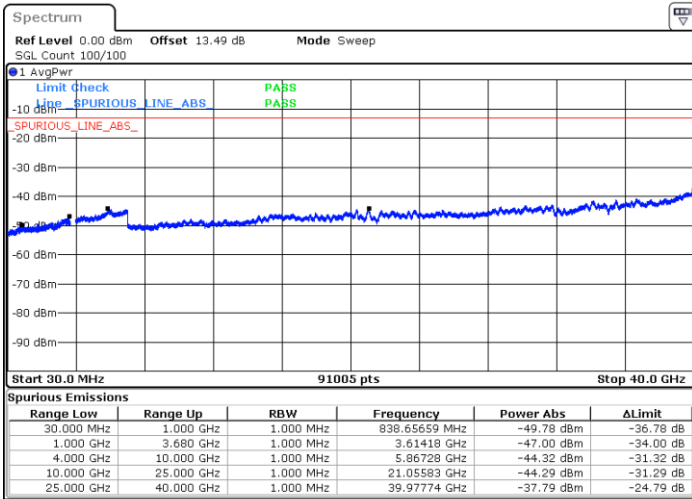
Middle Channel / 1RB1



Date: 13.MAR.2022 05:58:57

Date: 13.MAR.2022 05:57:20

Highest Channel / 1RB1



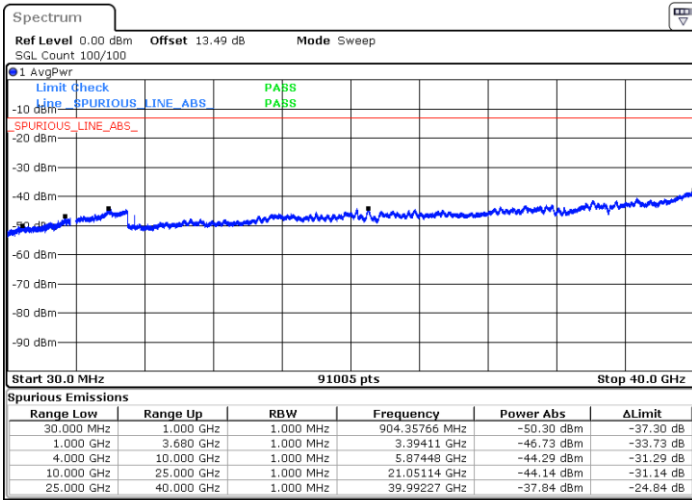
Date: 13.MAR.2022 06:19:40



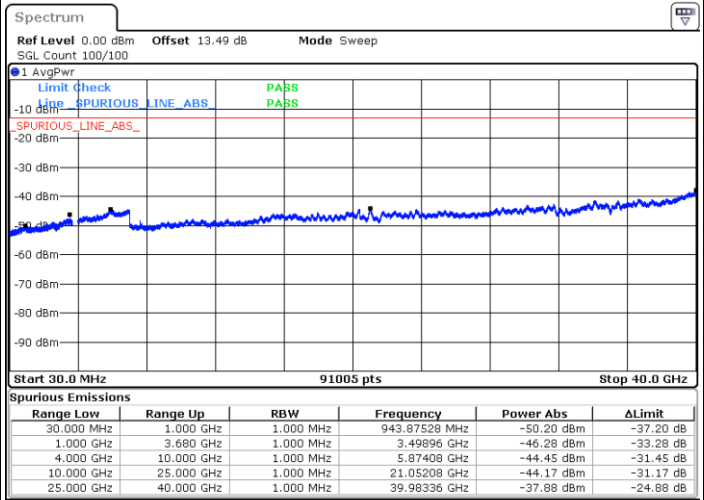
FR1 n77 / 70MHz / DFT-S OFDM / QPSK

Lowest Channel / 1RB1

Middle Channel / 1RB1

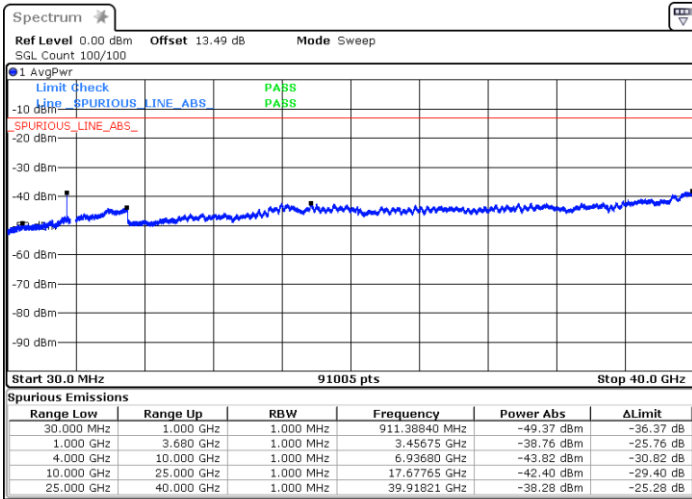


Date: 13.MAR.2022 06:37:59



Date: 13.MAR.2022 06:36:19

Highest Channel / 1RB1



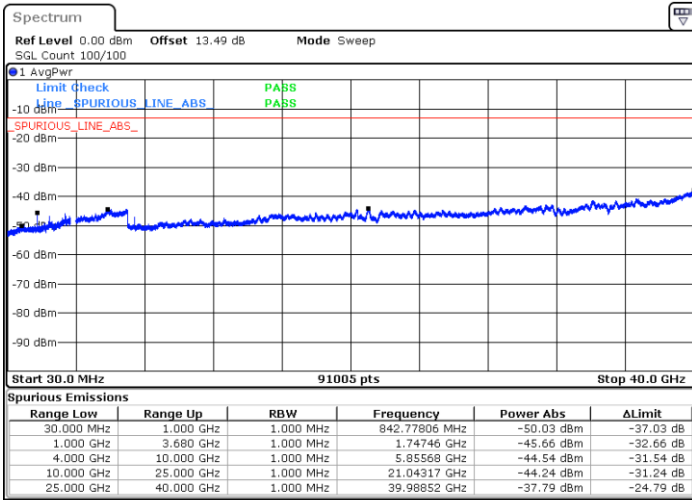
Date: 14.MAR.2022 23:37:50



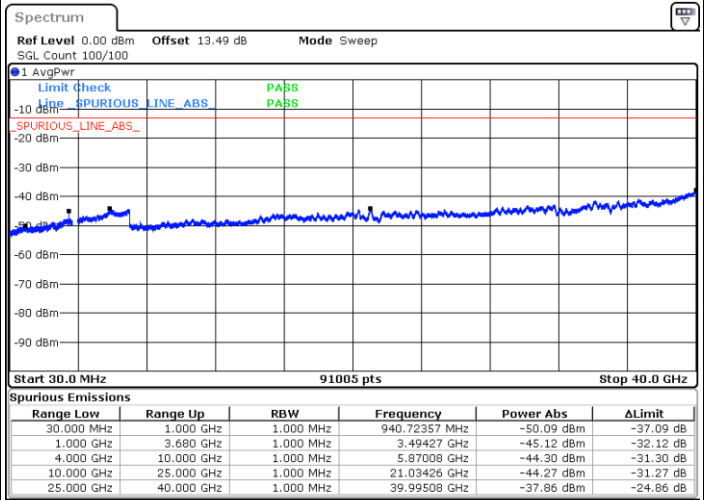
FR1 n77 / 80MHz / DFT-S OFDM / QPSK

Lowest Channel / 1RB1

Middle Channel / 1RB1

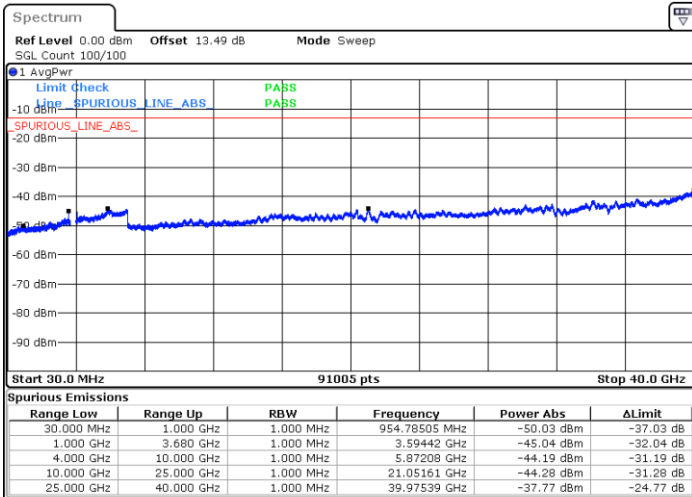


Date: 13.MAR.2022 14:30:14



Date: 13.MAR.2022 14:32:23

Highest Channel / 1RB1



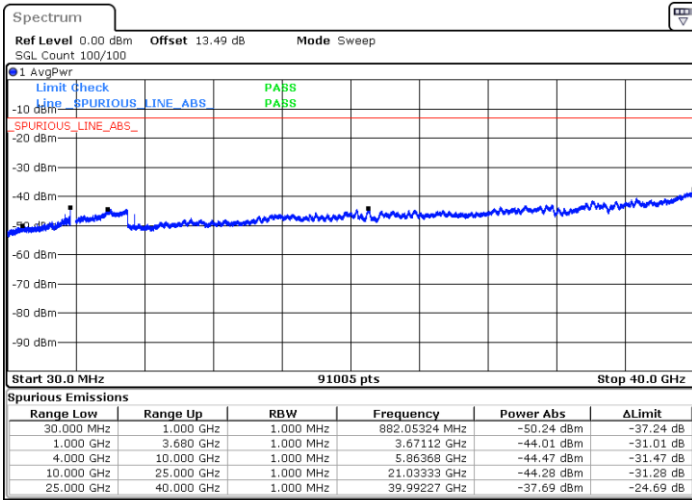
Date: 13.MAR.2022 14:33:46



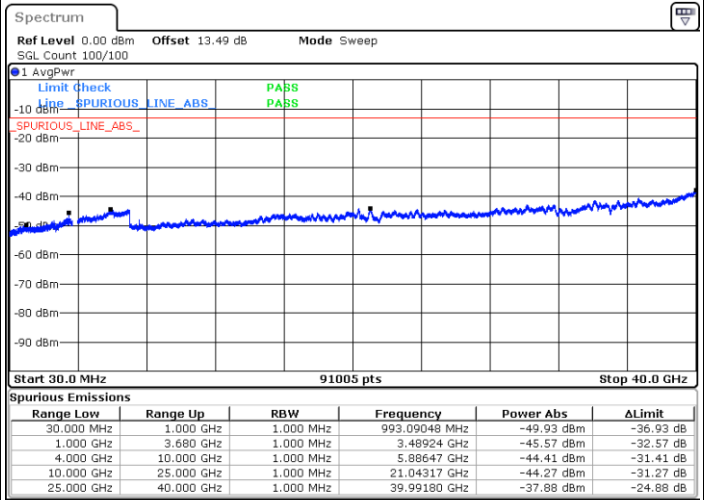
FR1 n77 / 90MHz / DFT-S OFDM / QPSK

Lowest Channel / 1RB1

Middle Channel / 1RB1

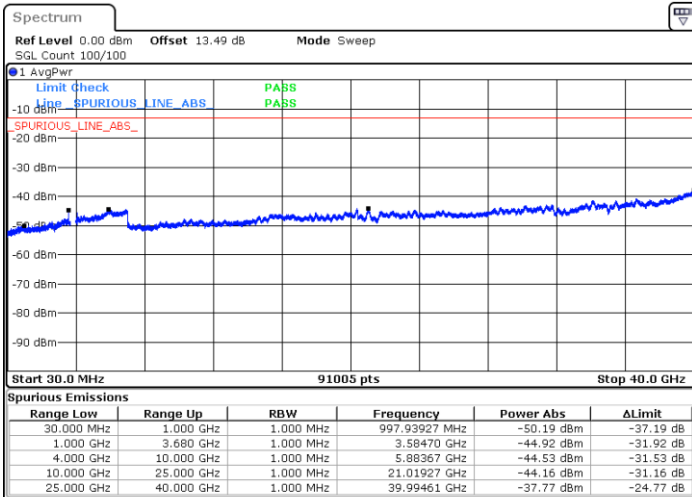


Date: 13.MAR.2022 14:58:14



Date: 13.MAR.2022 14:59:39

Highest Channel / 1RB1



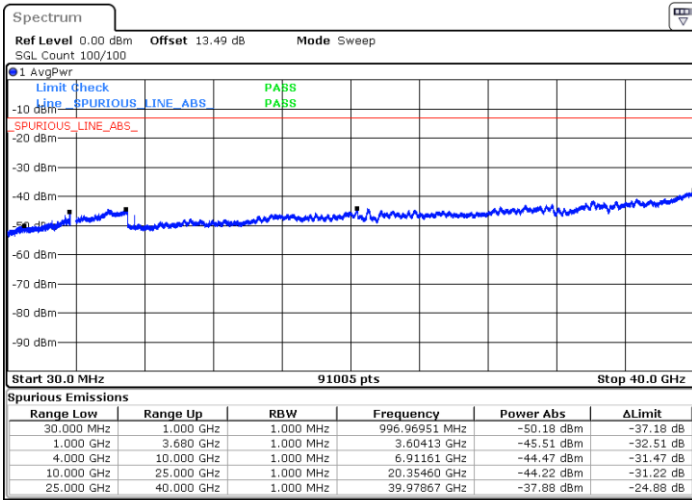
Date: 13.MAR.2022 15:01:06



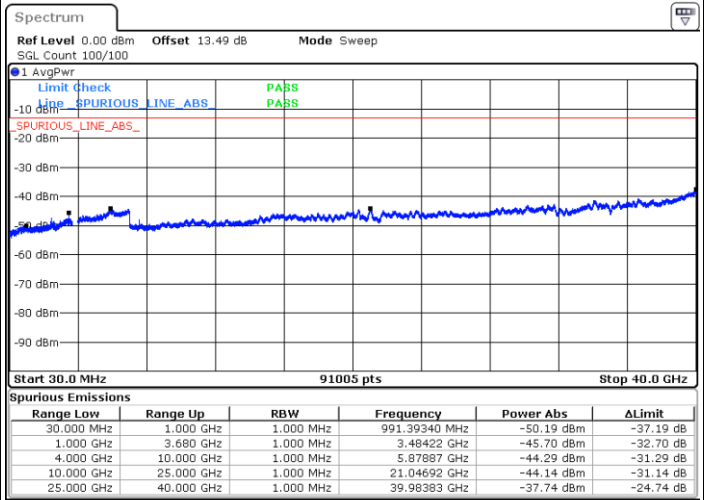
FR1 n77 / 100MHz / DFT-S OFDM / QPSK

Lowest Channel / 1RB1

Middle Channel / 1RB1

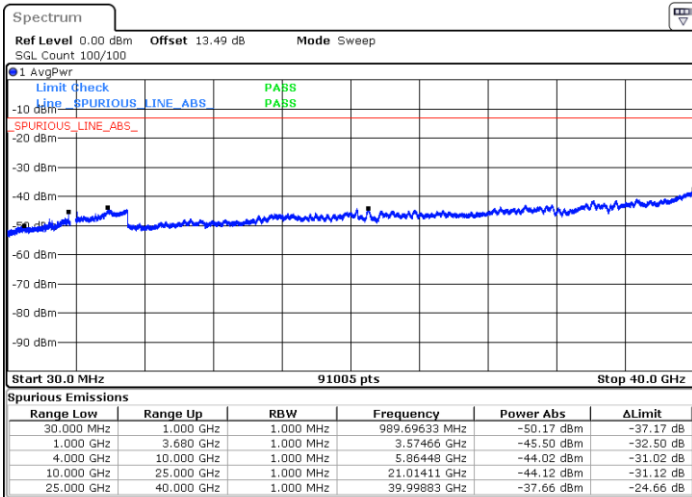


Date: 13.MAR.2022 15:24:46



Date: 13.MAR.2022 15:27:18

Highest Channel / 1RB1



Date: 13.MAR.2022 15:28:35



Frequency Stability

Test Conditions		FR1 n77 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 20MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0020	PASS
40	Normal Voltage	0.0018	
30	Normal Voltage	0.0001	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0007	
0	Normal Voltage	0.0012	
-10	Normal Voltage	0.0002	
-20	Normal Voltage	0.0007	
-30	Normal Voltage	0.0021	
20	Maximum Voltage	0.0018	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0035	

Note:

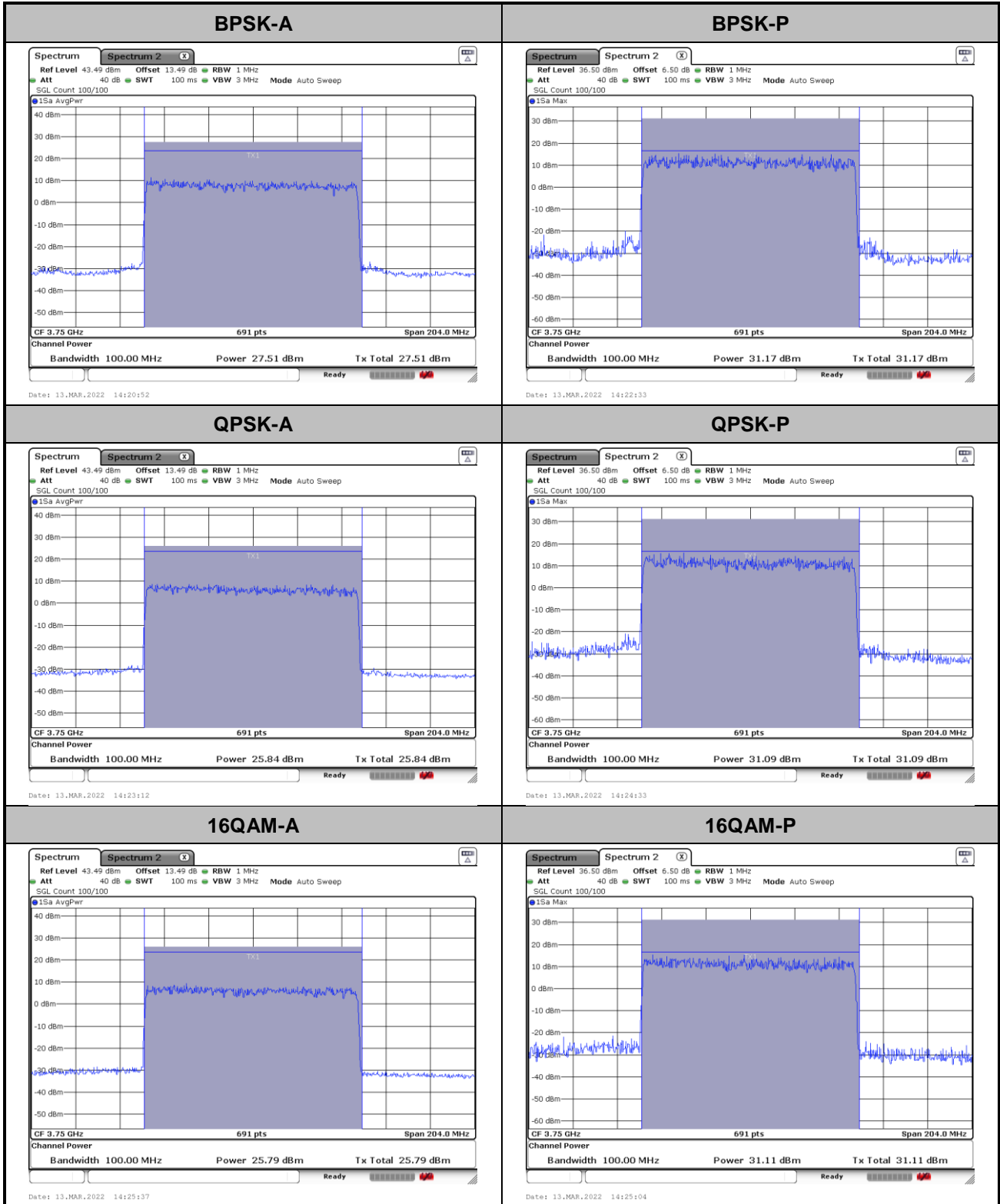
1. Normal Voltage = 3.87V. ; Battery End Point (BEP) =3.6 V. ; Maximum Voltage = 4.3V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.

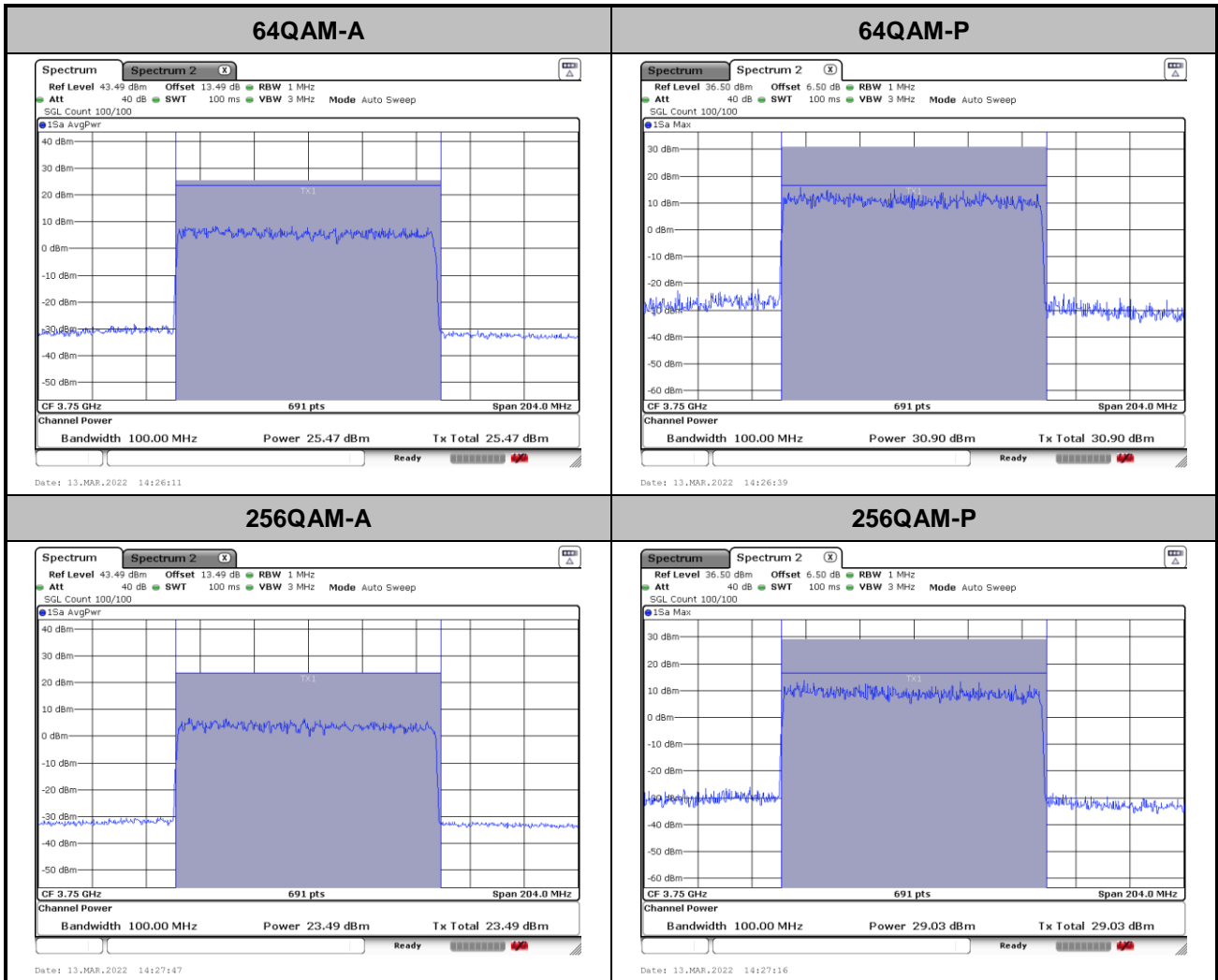


FR1 n78

Peak-to-Average Ratio

Mode	FR1 n78 / 100MHz / DFT-S OFDM				
Mod.	100M				Limit: 13dB
RB Size	BPSK	QPSK	16QAM	64QAM	Result
Middle CH	3.66	5.25	5.32	5.43	PASS
RB Size	256QAM				
Middle CH	5.54				

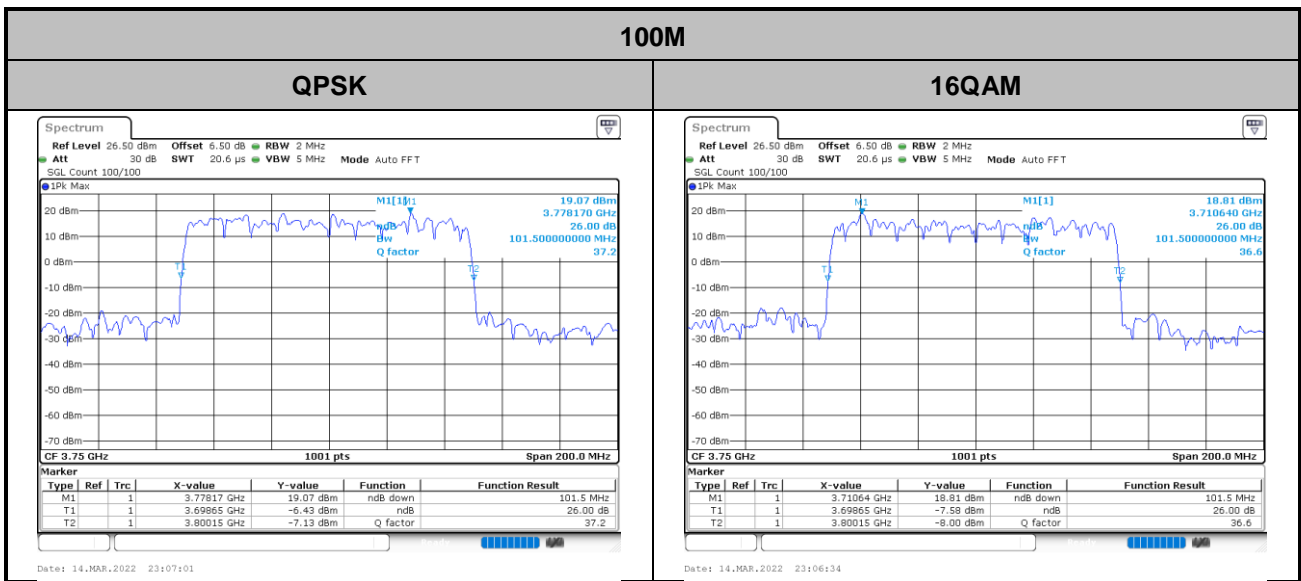






26dB Bandwidth

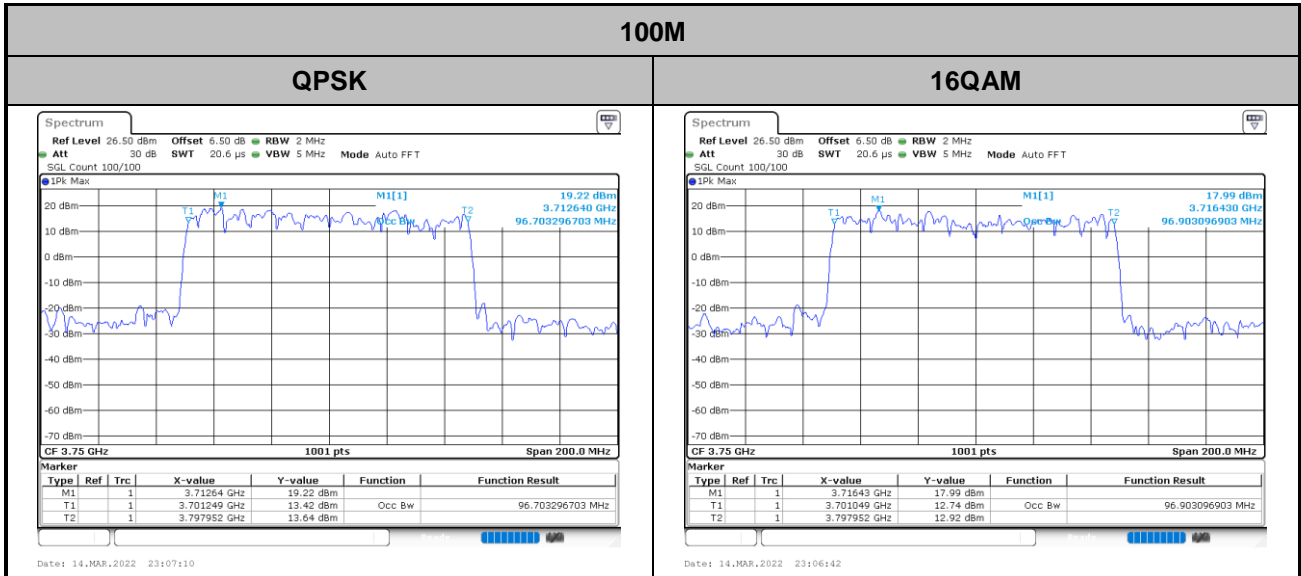
Mode	FR1 n78 : 26dB BW(MHz) / DFT-S OFDM	
BW	100M	
Mod.	QPSK	16QAM
Middle CH	101.5	101.5





Occupied Bandwidth

Mode	FR1 n78: OB BW(MHz) / DFT-S OFDM	
BW	100M	
Mod.	QPSK	16QAM
Middle CH	96.70	96.90



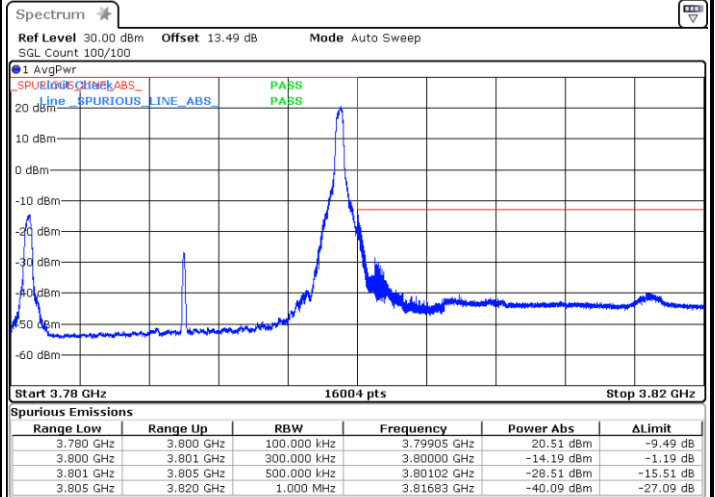
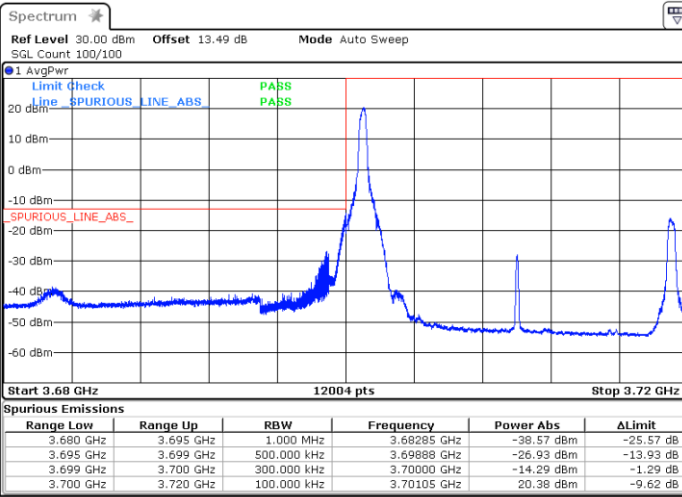


Conducted Band Edge

FR1 n78 / 20MHz / DFT-S OFDM / PI/2 BPSK

Lowest Band Edge / 1RB0

Highest Band Edge / 1RBmax

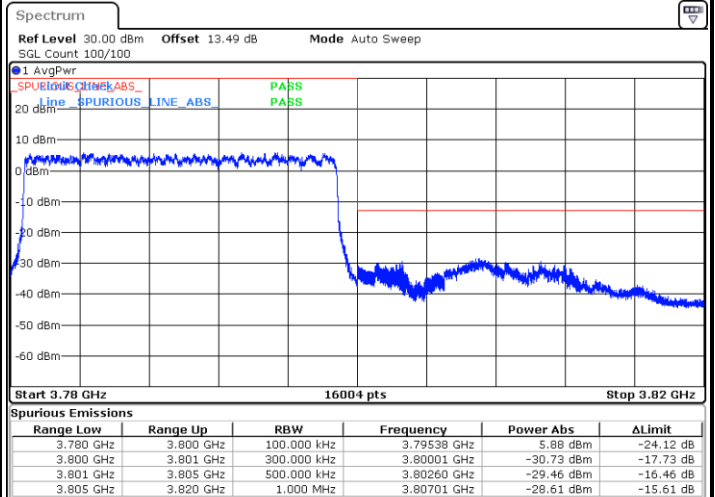
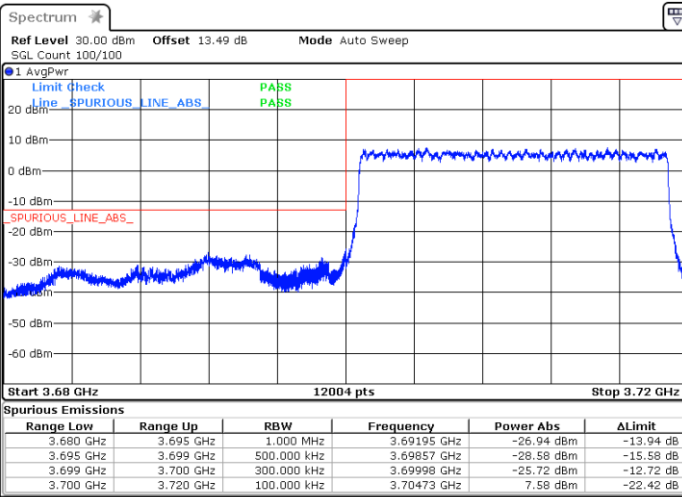


Date: 11.MAR.2022 19:04:12

Date: 11.MAR.2022 21:29:39

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 11.MAR.2022 19:12:07

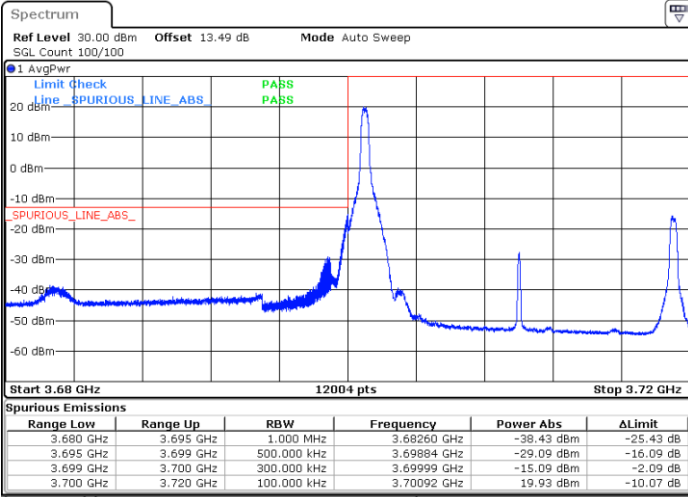
Date: 11.MAR.2022 21:32:07



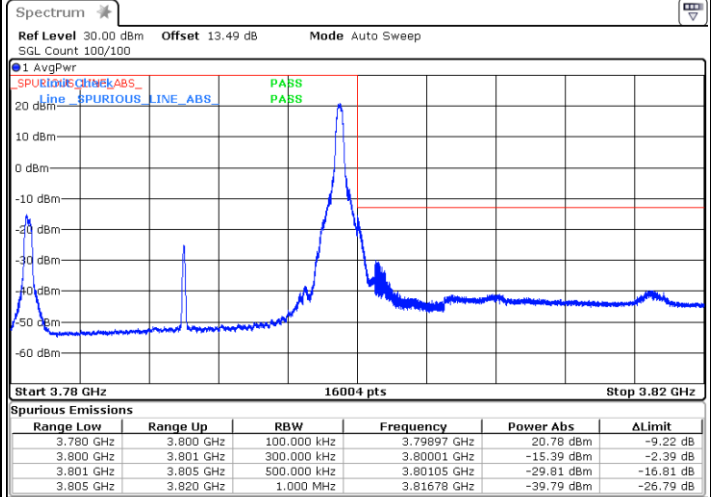
FR1 n78 / 20MHz / DFT-S OFDM / QPSK

Lowest Band Edge / 1RB0

Highest Band Edge / 1RBmax



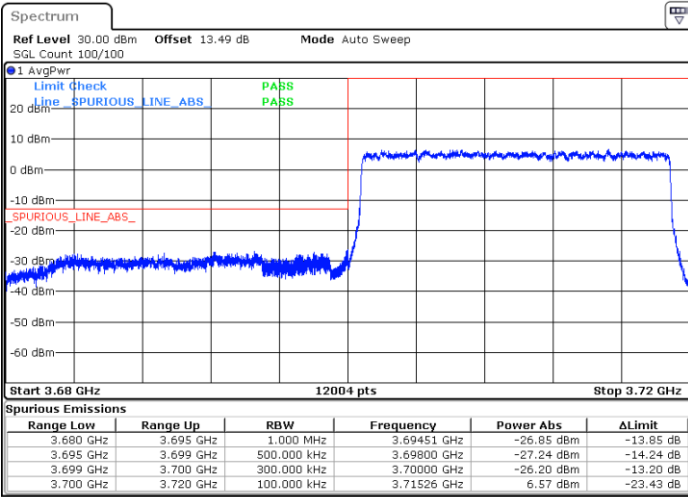
Date: 11.MAR.2022 19:04:57



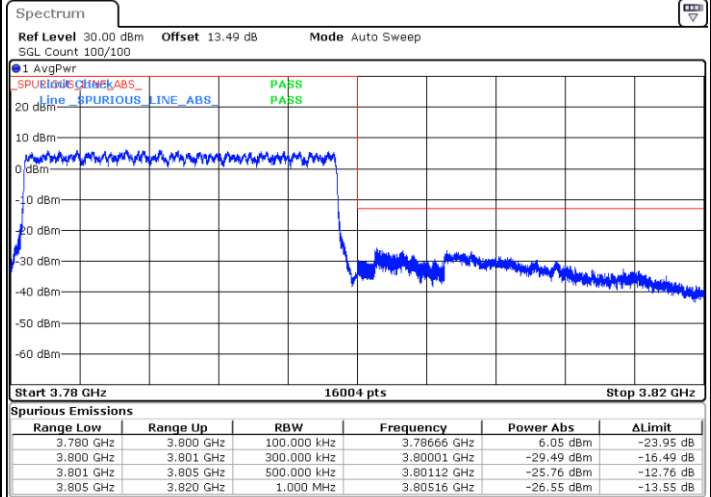
Date: 11.MAR.2022 21:59:47

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 11.MAR.2022 19:10:48



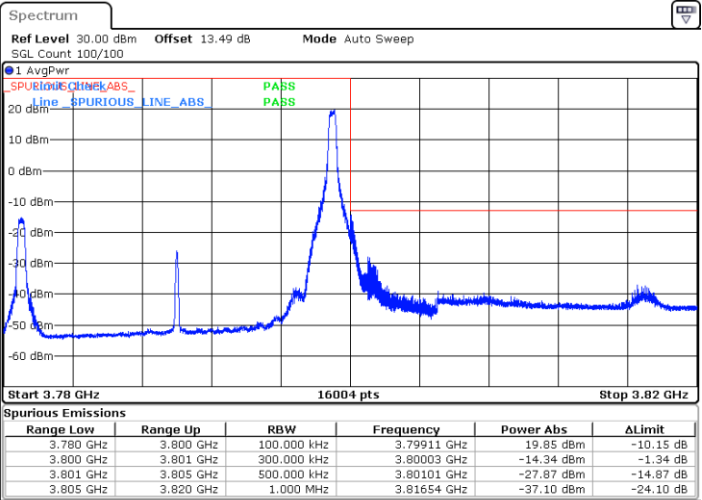
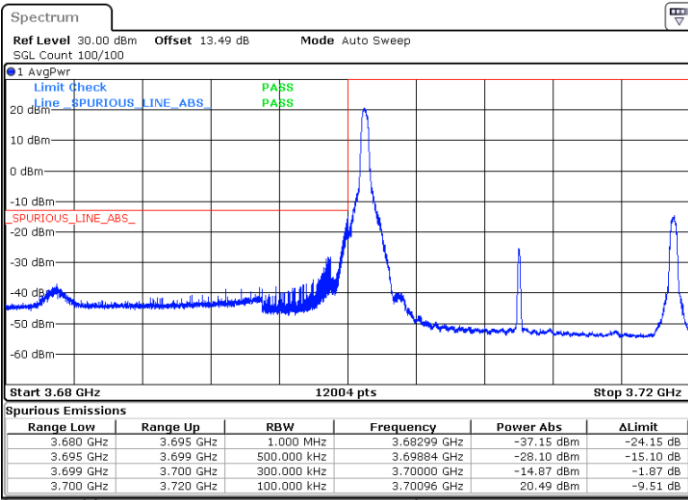
Date: 11.MAR.2022 21:38:21



FR1 n78 / 20MHz / DFT-S OFDM / 16Q

Lowest Band Edge / 1RB0

Highest Band Edge / 1RBmax

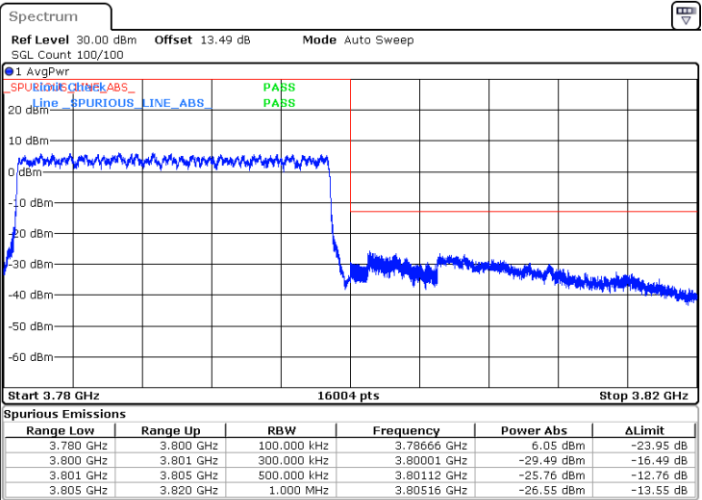
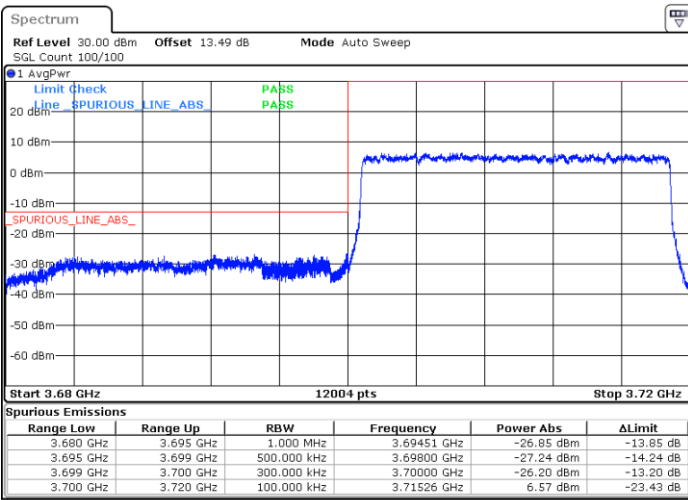


Date: 11.MAR.2022 19:05:45

Date: 11.MAR.2022 21:49:51

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 11.MAR.2022 19:10:48

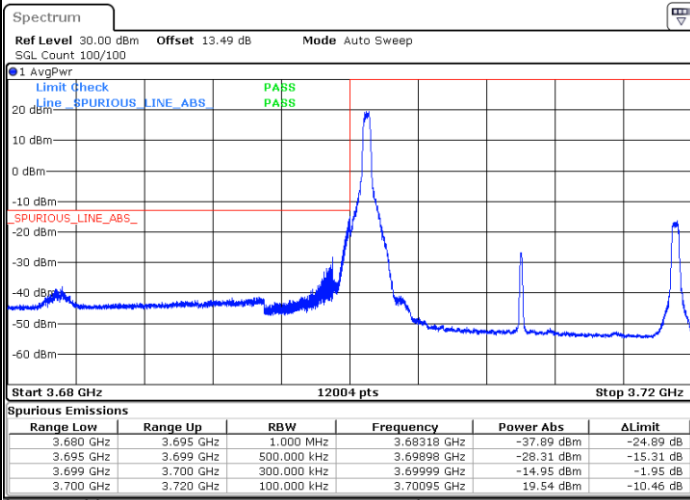
Date: 11.MAR.2022 21:38:21



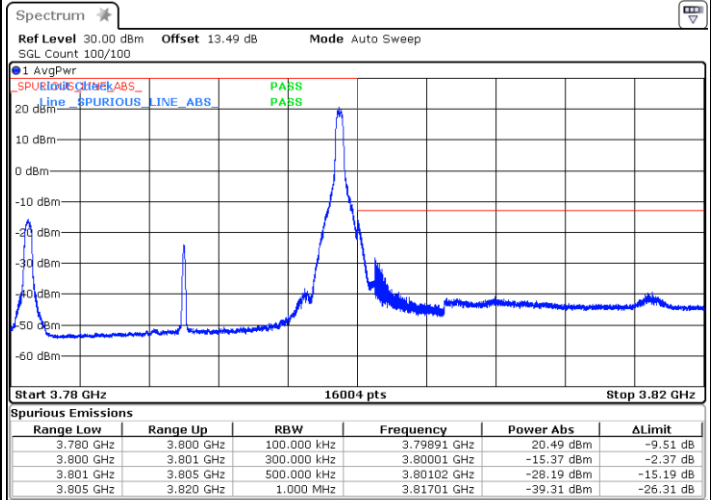
FR1 n78 / 20MHz / DFT-S OFDM / 64Q

Lowest Band Edge / 1RB0

Highest Band Edge / 1RBmax



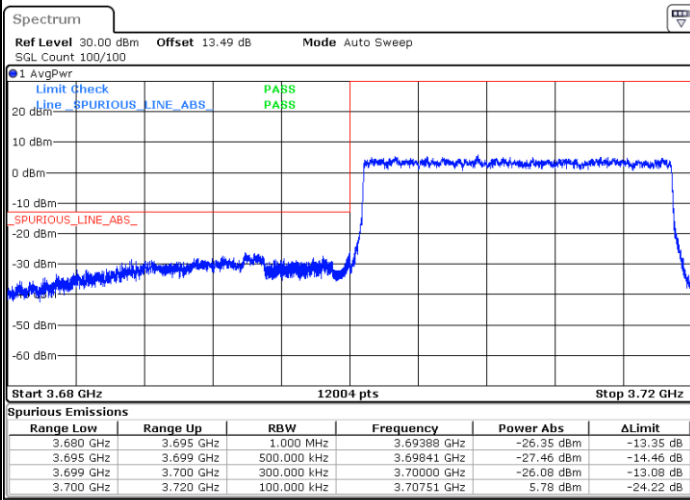
Date: 11.MAR.2022 19:06:30



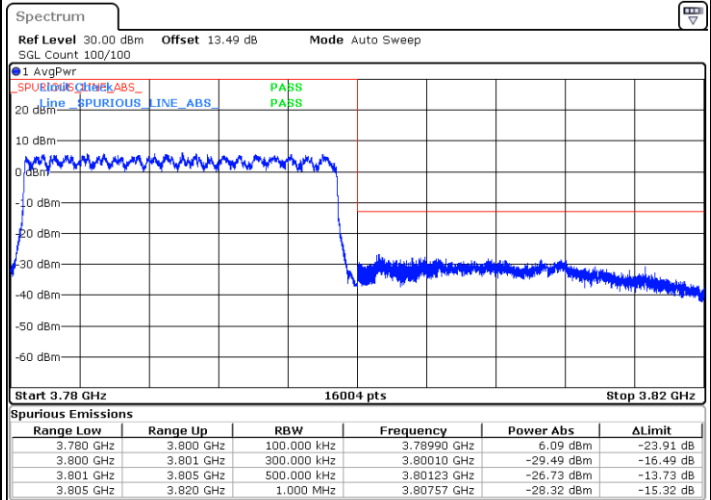
Date: 11.MAR.2022 21:57:40

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 11.MAR.2022 19:09:10



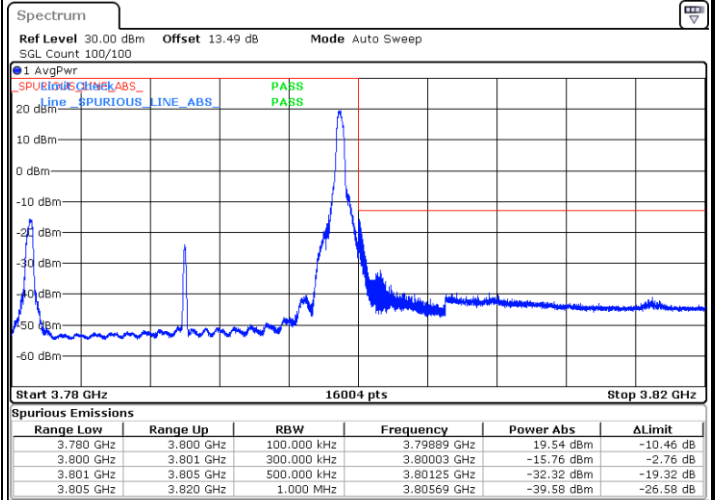
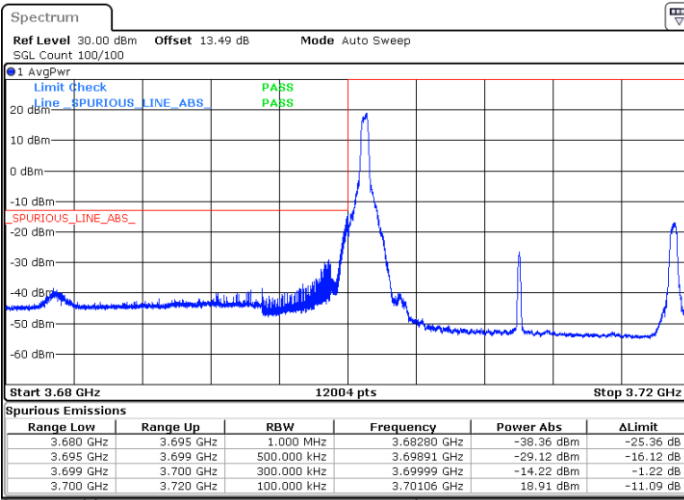
Date: 11.MAR.2022 21:44:25



FR1 n78 / 20MHz / DFT-S OFDM / 256Q

Lowest Band Edge / 1RB0

Highest Band Edge / 1RBmax

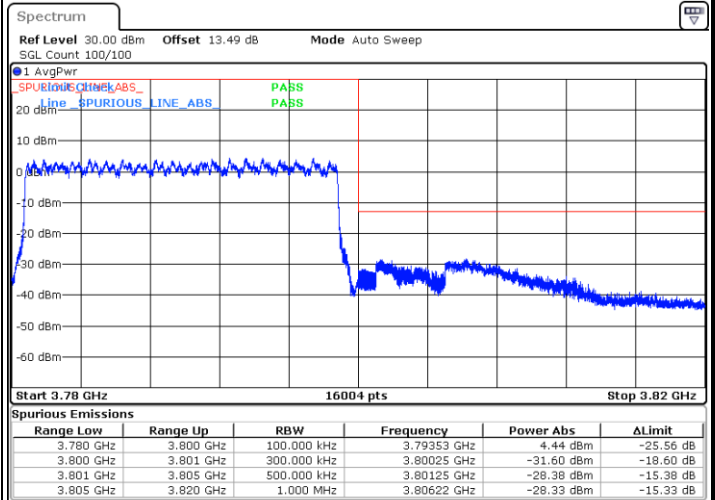
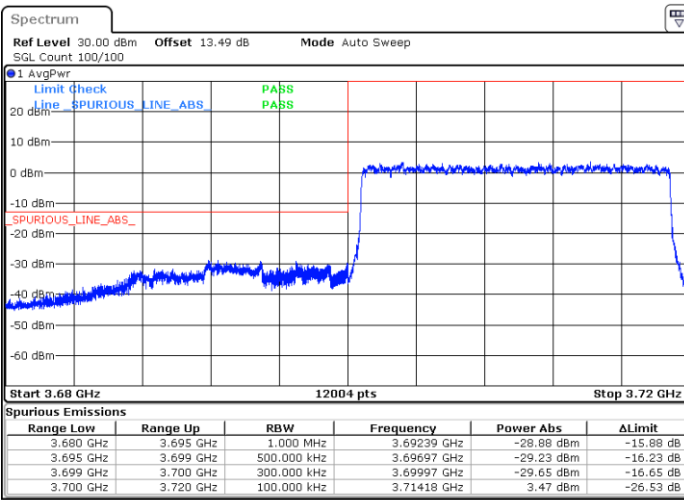


Date: 11.MAR.2022 19:07:19

Date: 11.MAR.2022 21:48:17

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 11.MAR.2022 19:08:09

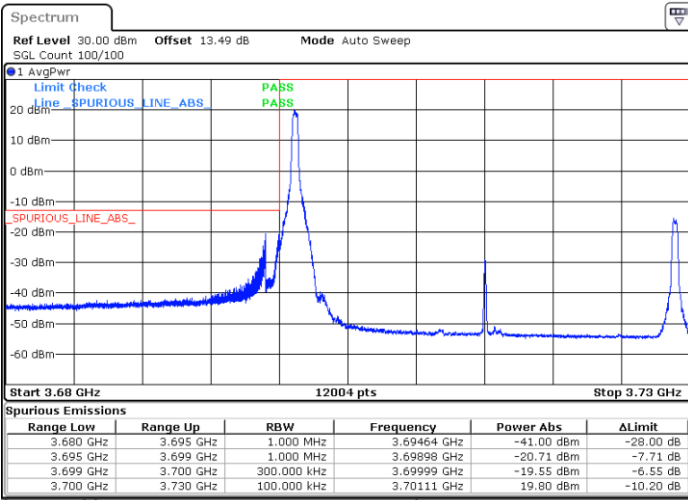
Date: 11.MAR.2022 21:46:52



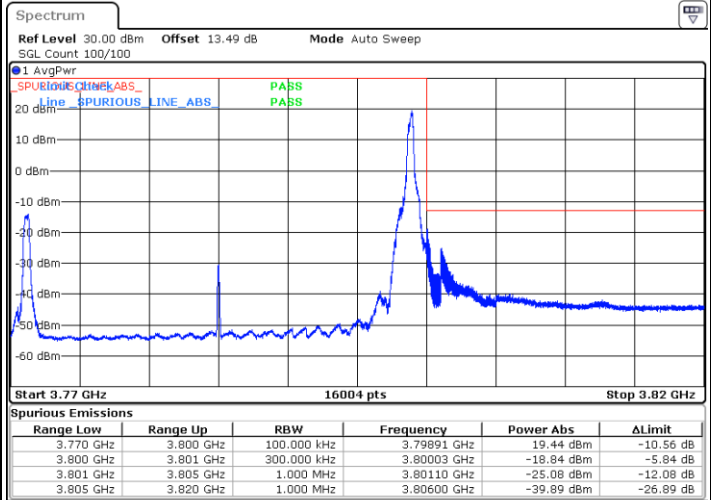
FR1 n78/ 30MHz / DFT-S OFDM / PI/2 BPSK

Lowest Band Edge / 1RB0

Highest Band Edge / 1RBmax



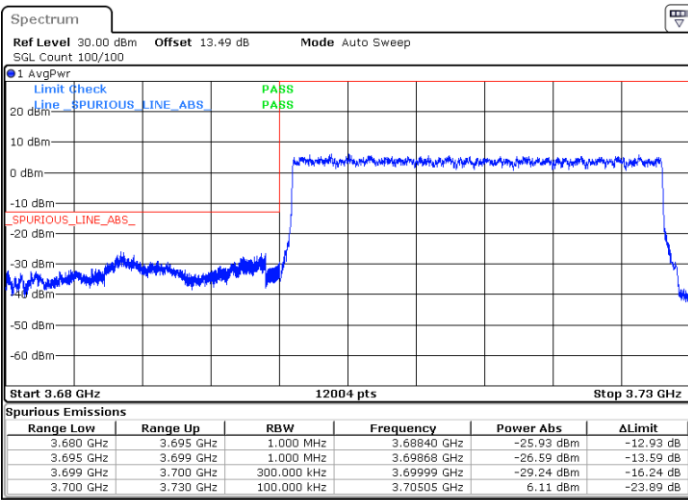
Date: 11.MAR.2022 22:04:13



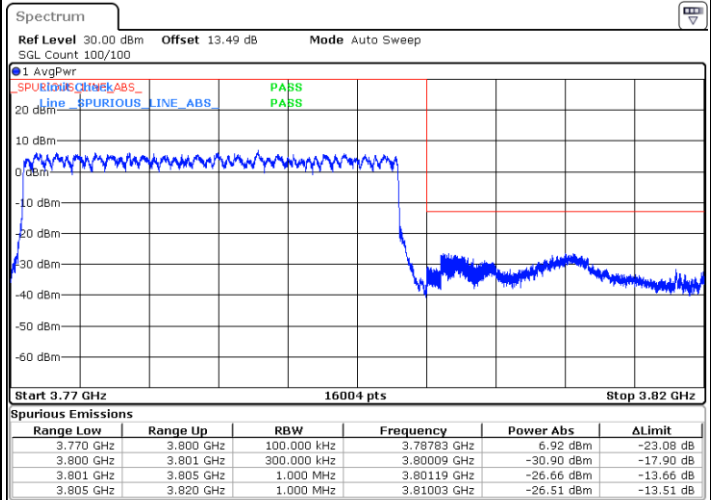
Date: 11.MAR.2022 22:17:36

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 11.MAR.2022 22:05:26



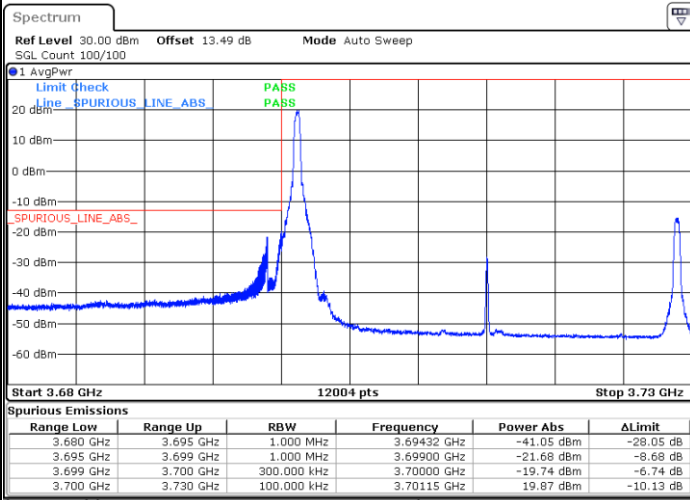
Date: 11.MAR.2022 22:18:48



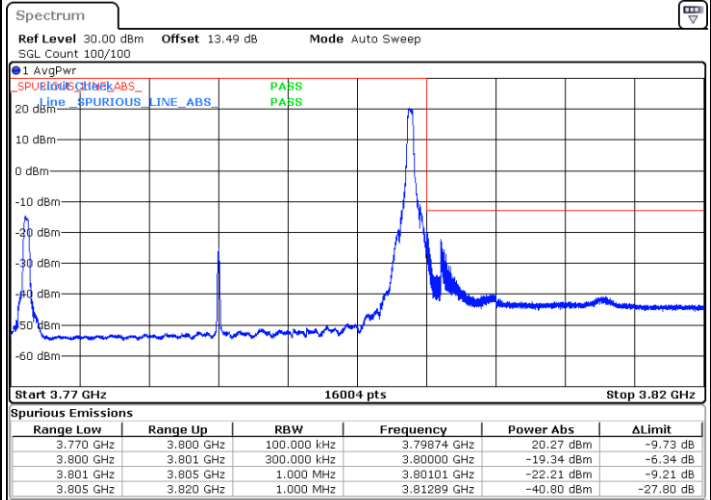
FR1 n78 / 30MHz / DFT-S OFDM / QPSK

Lowest Band Edge / 1RB0

Highest Band Edge / 1RBmax



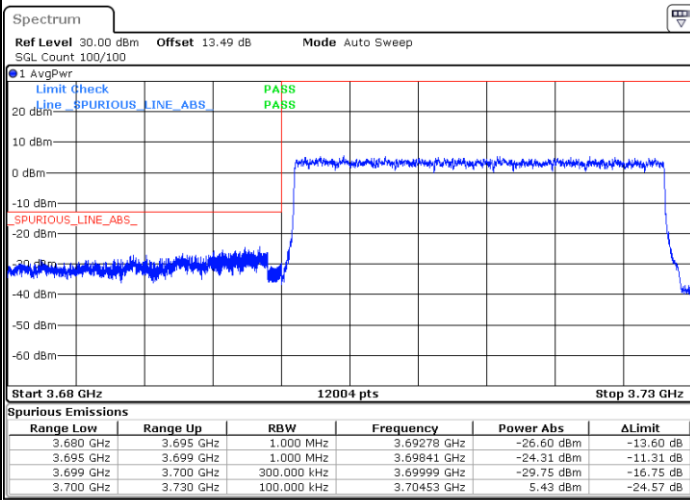
Date: 11.MAR.2022 22:15:11



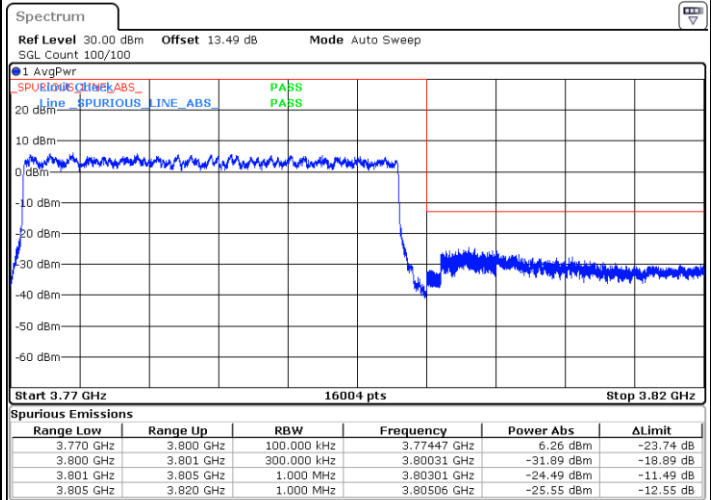
Date: 11.MAR.2022 22:28:46

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 11.MAR.2022 22:07:00



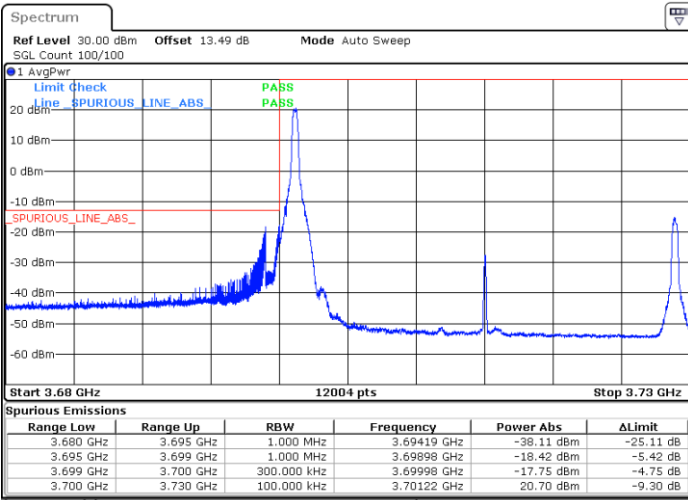
Date: 11.MAR.2022 22:20:49



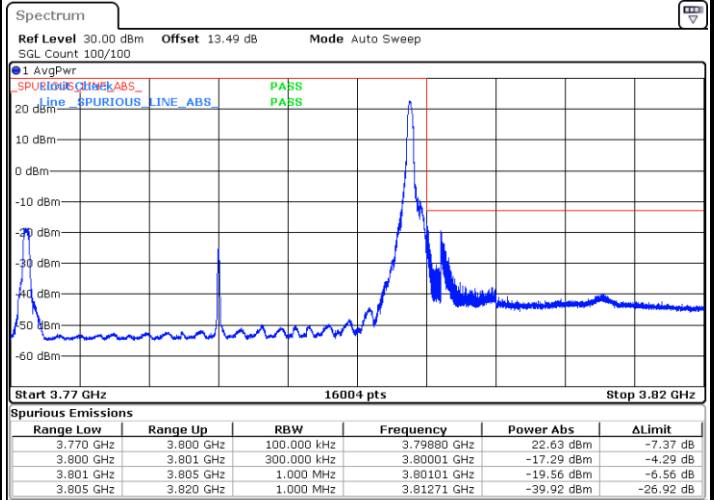
FR1 n78 / 30MHz / DFT-S OFDM / 16Q

Lowest Band Edge / 1RB0

Highest Band Edge / 1RBmax



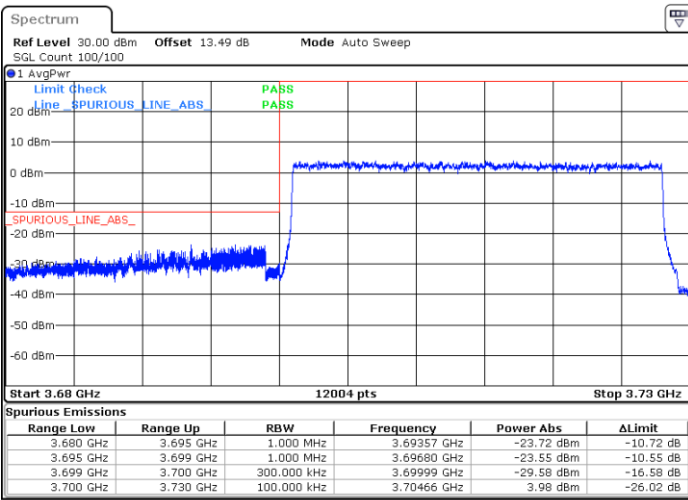
Date: 11.MAR.2022 22:14:09



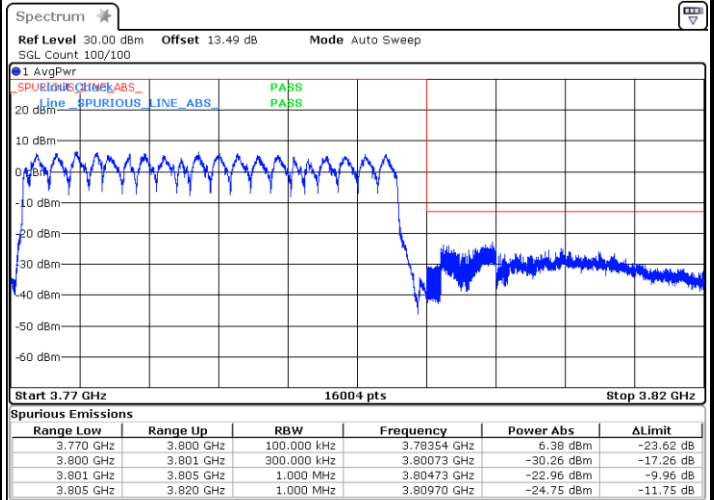
Date: 11.MAR.2022 22:27:32

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 11.MAR.2022 22:08:22



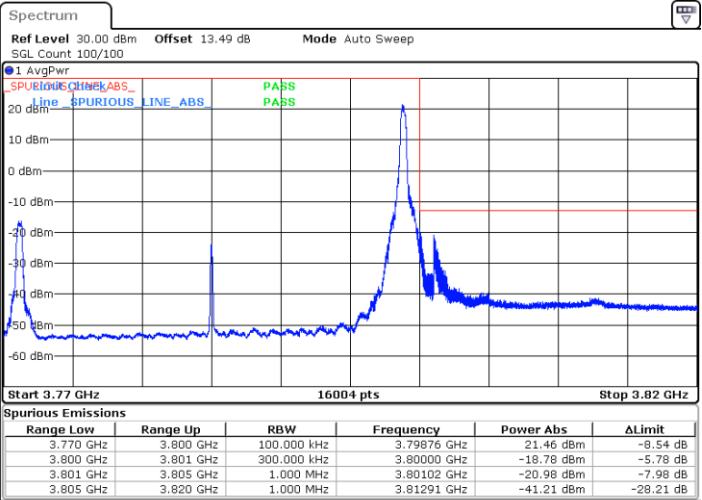
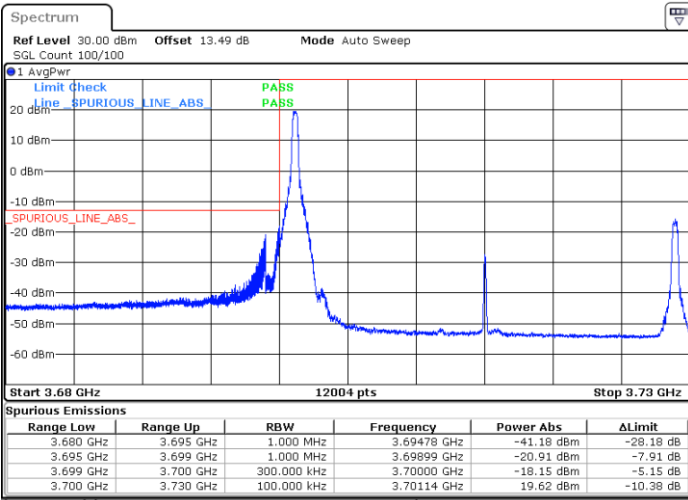
Date: 11.MAR.2022 22:22:28



FR1 n78 / 30MHz / DFT-S OFDM / 64Q

Lowest Band Edge / 1RB0

Highest Band Edge / 1RBmax

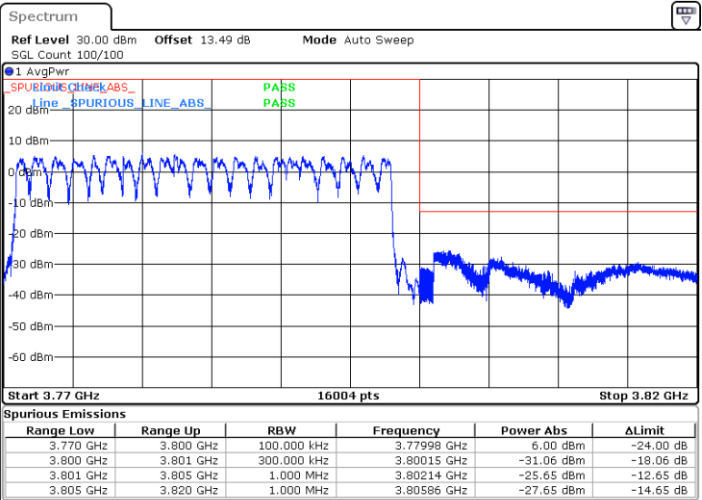
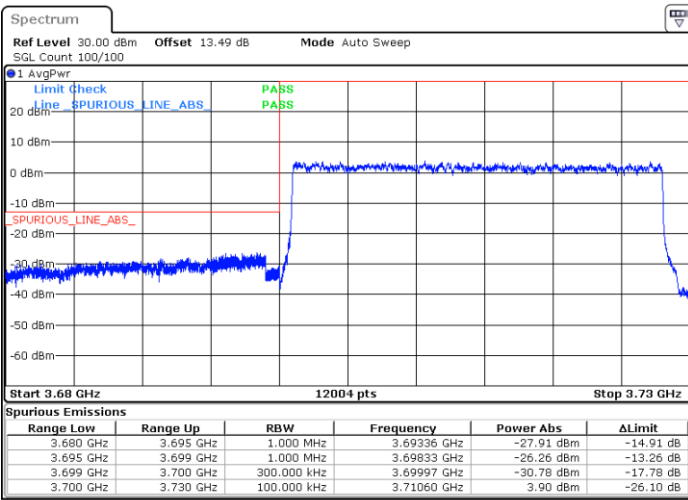


Date: 11.MAR.2022 22:12:41

Date: 11.MAR.2022 22:26:41

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 11.MAR.2022 22:09:50

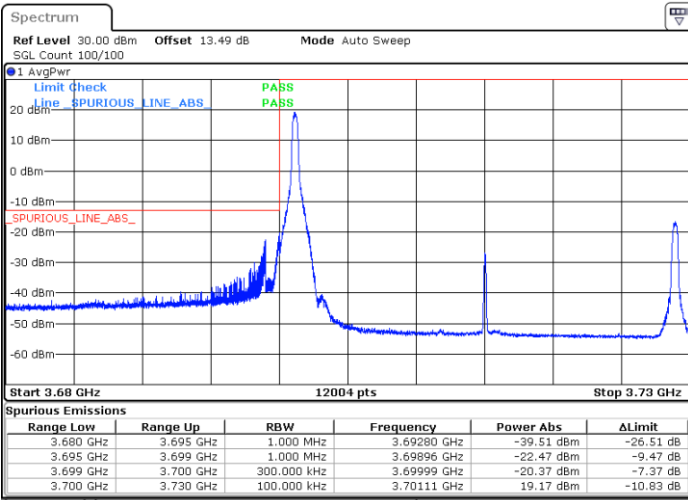
Date: 11.MAR.2022 22:23:16



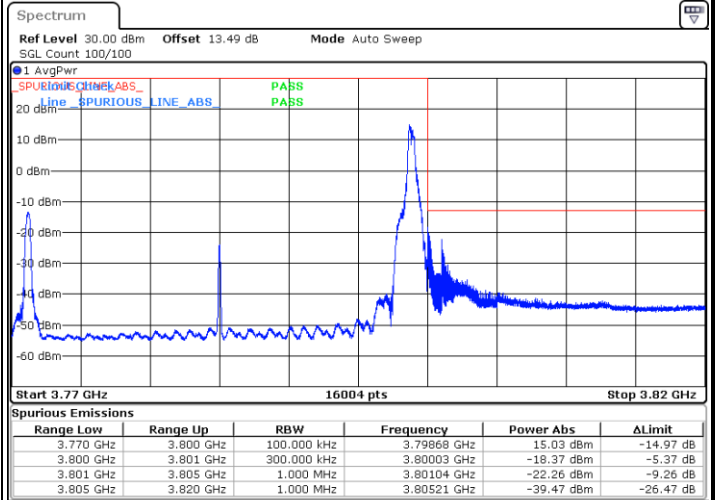
FR1 n78 / 30MHz / DFT-S OFDM / 256Q

Lowest Band Edge / 1RB0

Highest Band Edge / 1RBmax



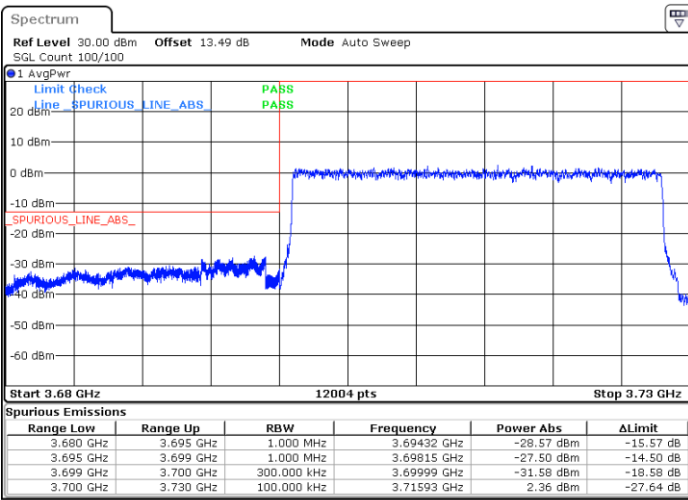
Date: 11.MAR.2022 22:11:45



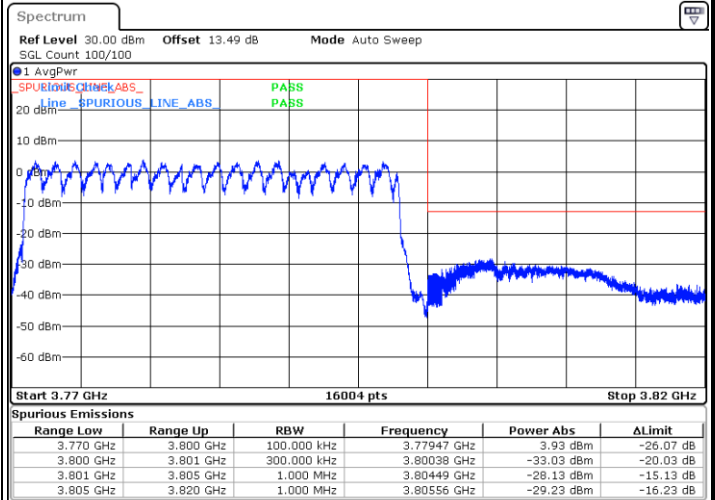
Date: 11.MAR.2022 22:25:33

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 11.MAR.2022 22:10:53



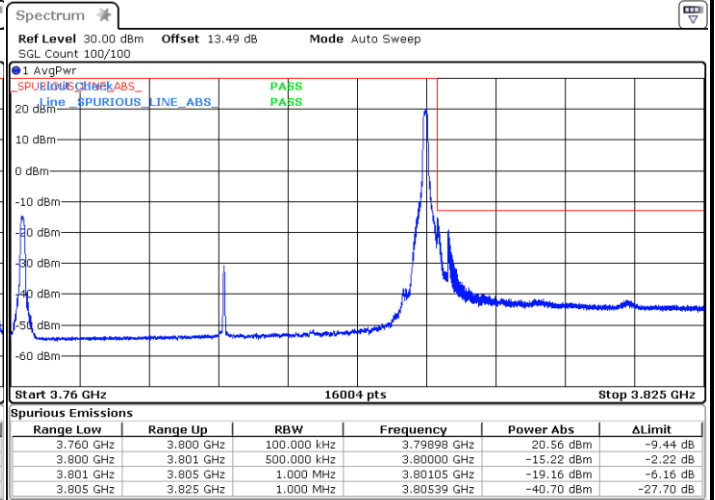
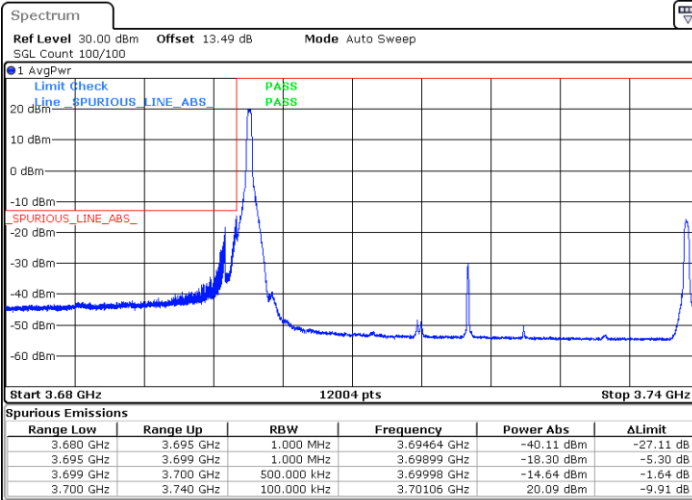
Date: 11.MAR.2022 22:24:14



FR1 n78 / 40MHz / DFT-S OFDM / PI/2 BPSK

Lowest Band Edge / 1RB0

Highest Band Edge / 1RBmax

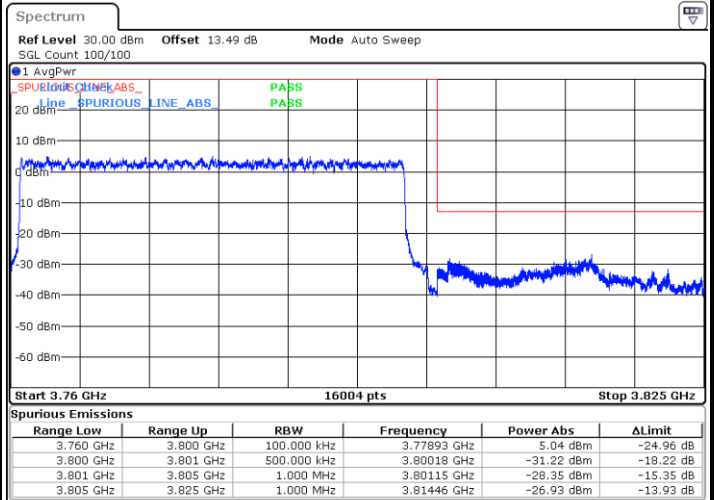
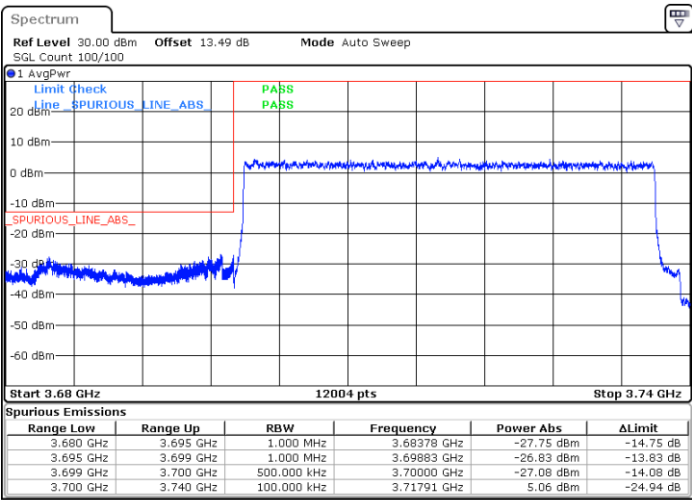


Date: 11.MAR.2022 22:31:32

Date: 11.MAR.2022 22:48:40

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 11.MAR.2022 22:32:47

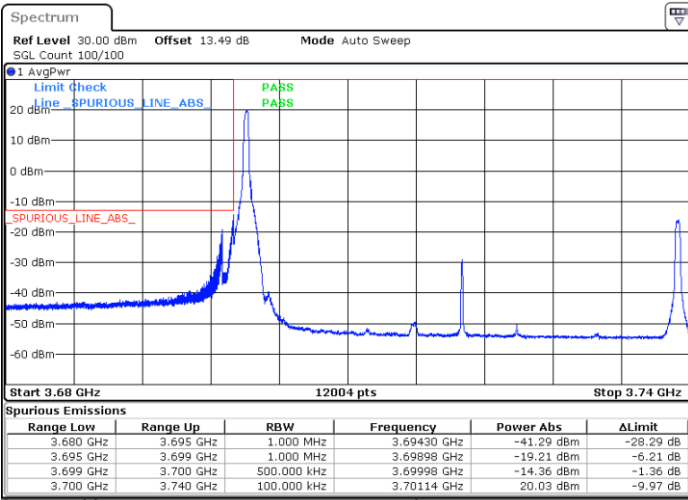
Date: 11.MAR.2022 22:49:33



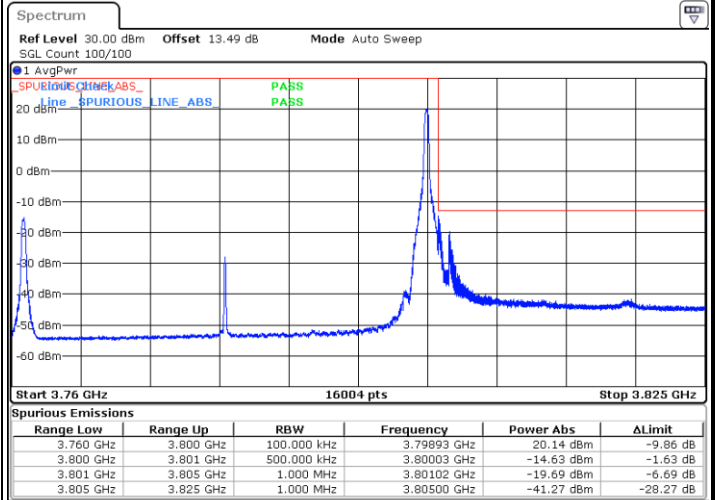
FR1 n78 / 40MHz / DFT-S OFDM / QPSK

Lowest Band Edge / 1RB0

Highest Band Edge / 1RBmax



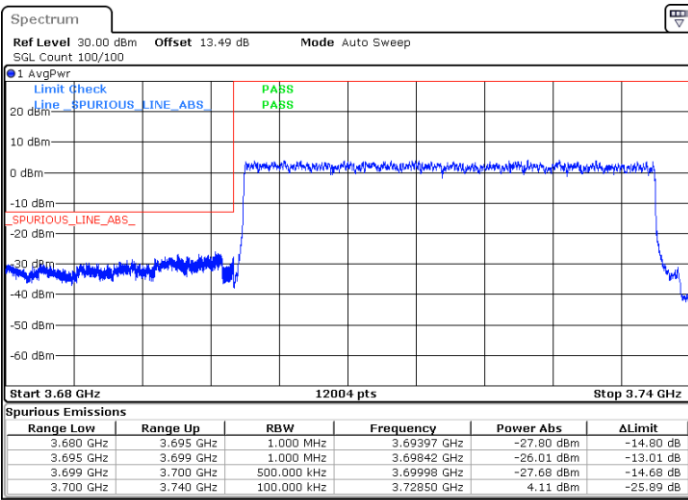
Date: 11.MAR.2022 22:45:37



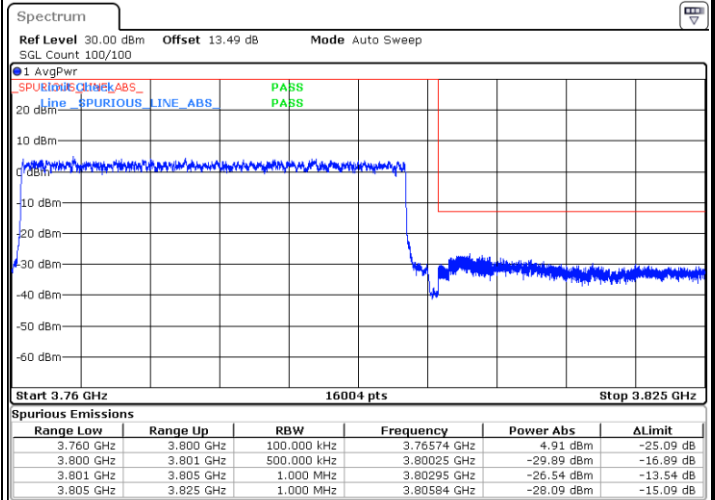
Date: 11.MAR.2022 23:06:27

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 11.MAR.2022 22:33:51



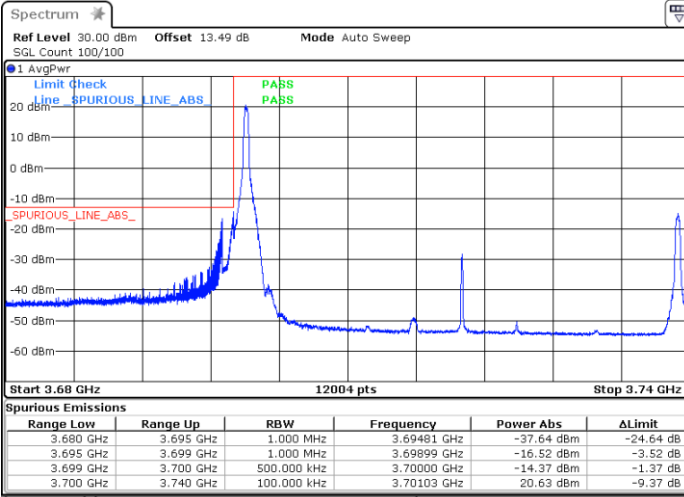
Date: 11.MAR.2022 22:50:40



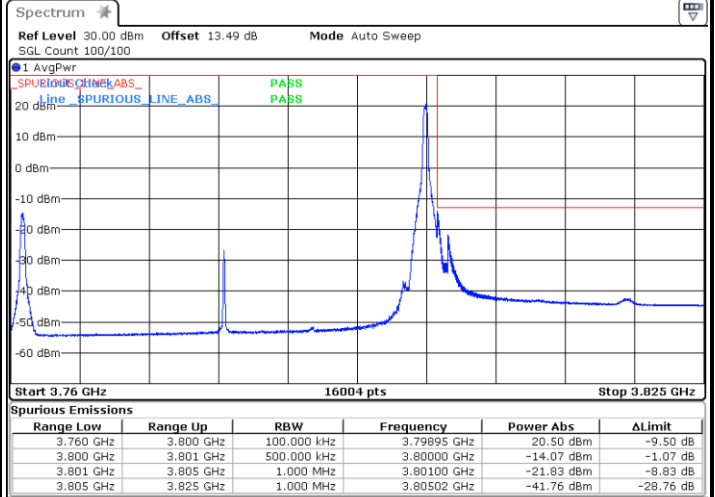
FR1 n78 / 40MHz / DFT-S OFDM / 16Q

Lowest Band Edge / 1RB0

Highest Band Edge / 1RBmax



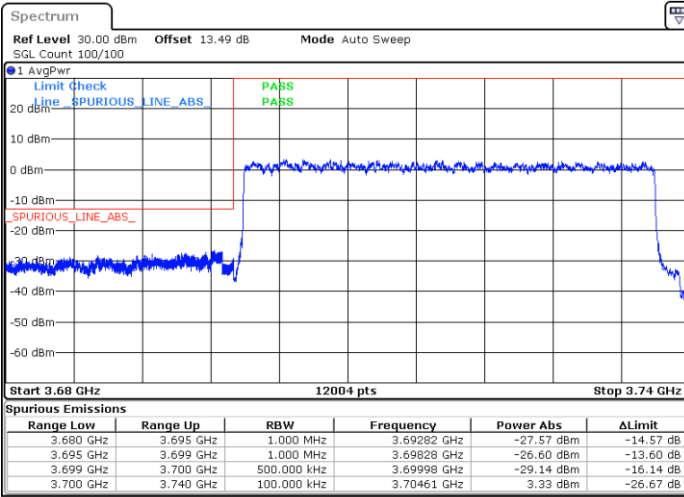
Date: 11.MAR.2022 22:44:44



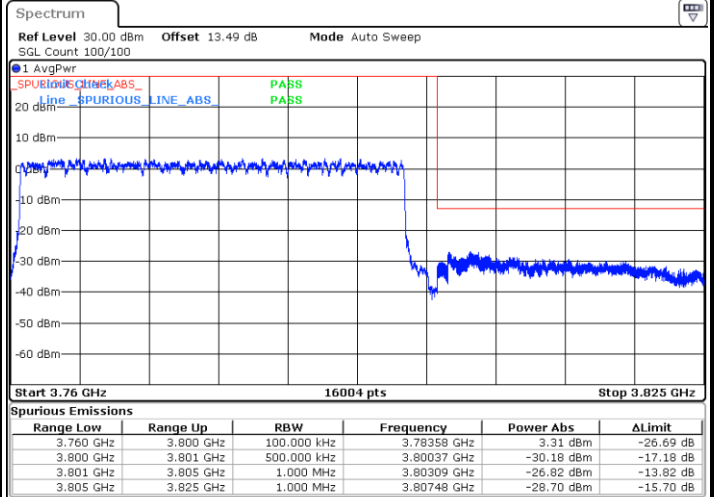
Date: 11.MAR.2022 23:05:12

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 11.MAR.2022 22:35:18



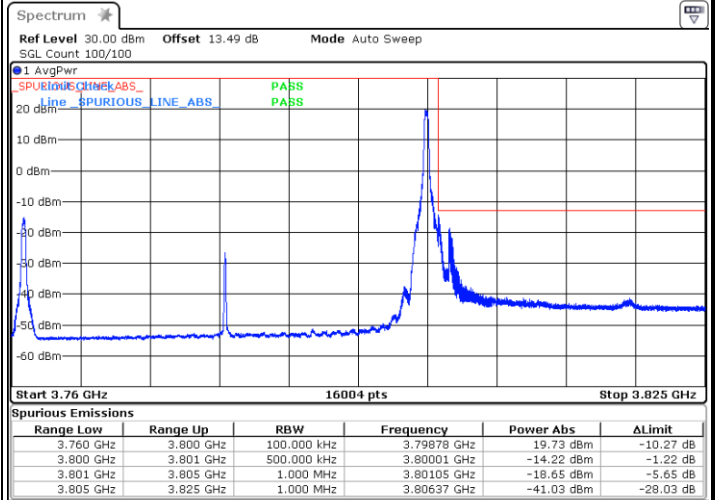
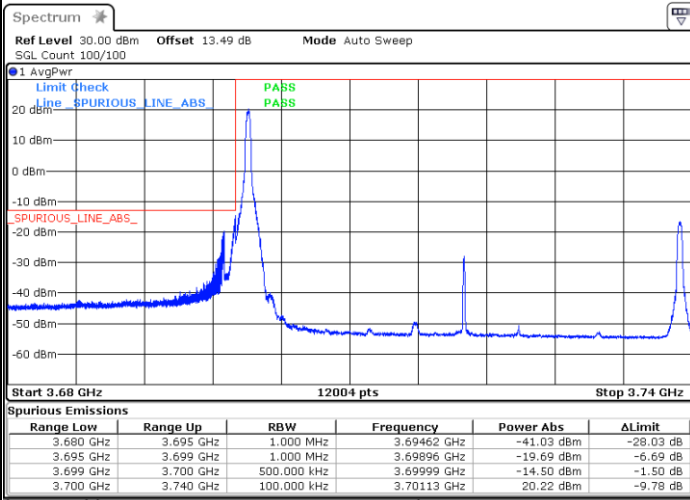
Date: 11.MAR.2022 22:51:30



FR1 n78 / 40MHz / DFT-S OFDM / 64Q

Lowest Band Edge / 1RB0

Highest Band Edge / 1RBmax

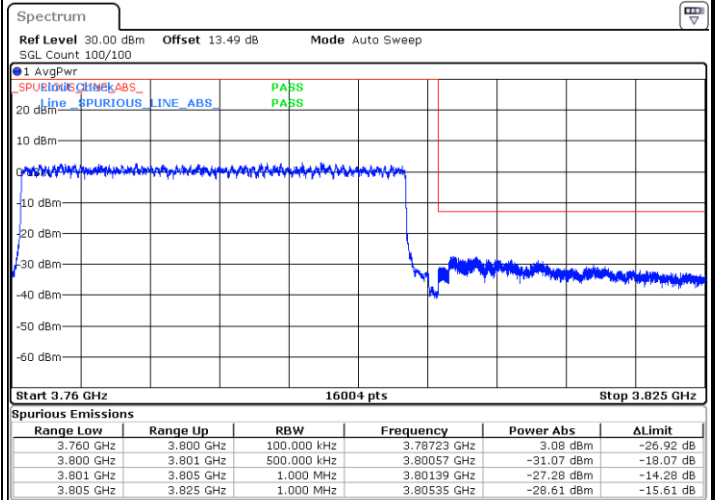
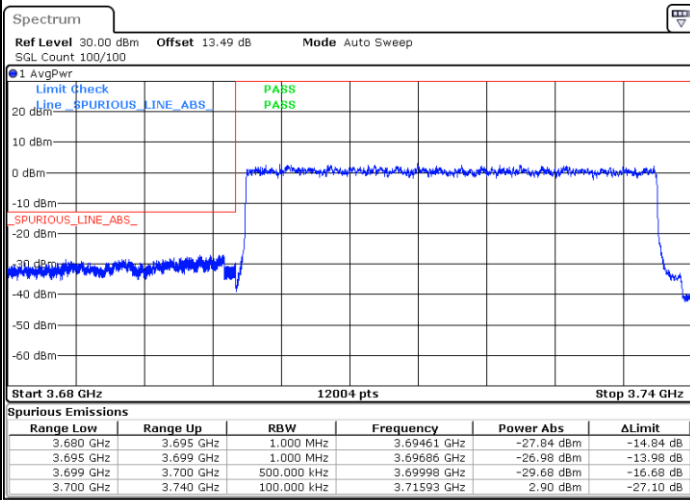


Date: 11.MAR.2022 22:42:19

Date: 11.MAR.2022 22:58:34

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 11.MAR.2022 22:36:11

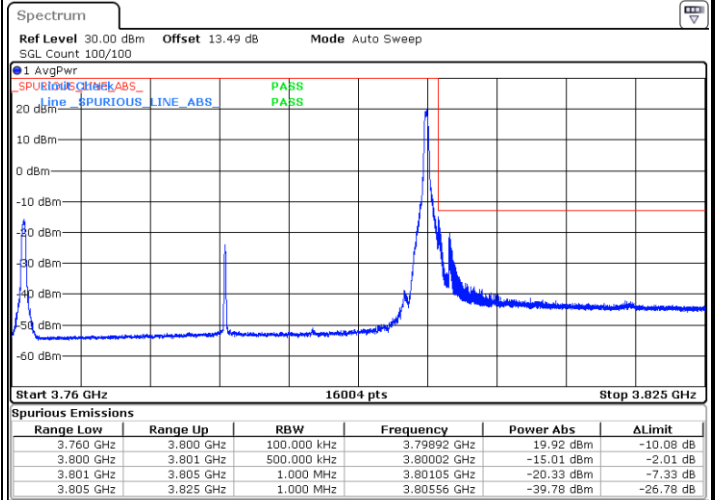
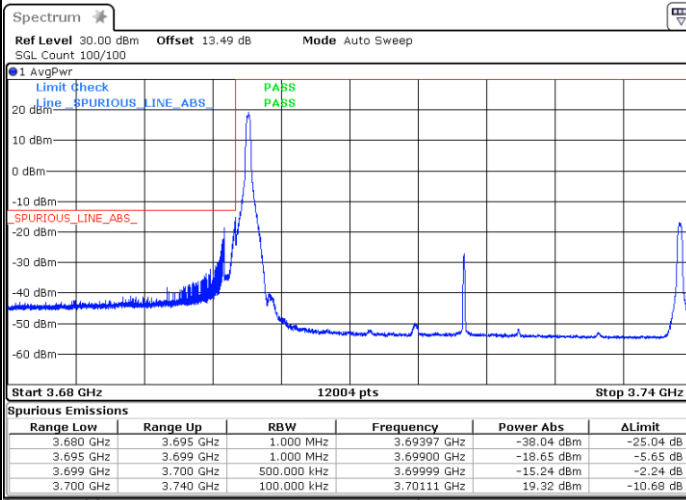
Date: 11.MAR.2022 22:52:34



FR1 n78 / 40MHz / DFT-S OFDM / 256Q

Lowest Band Edge / 1RB0

Highest Band Edge / 1RBmax

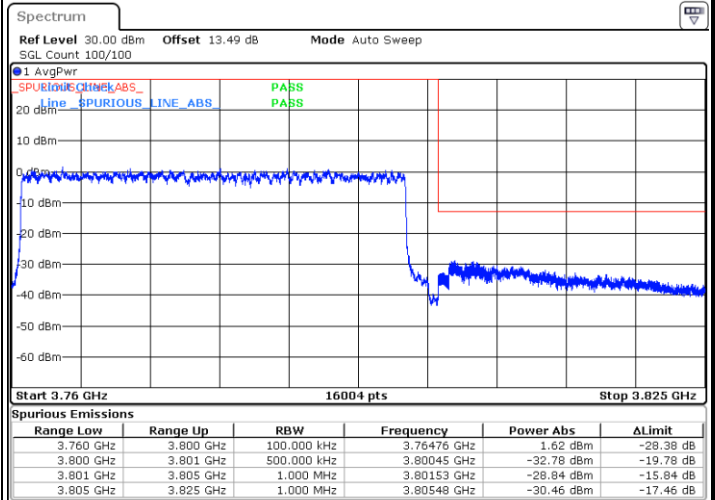
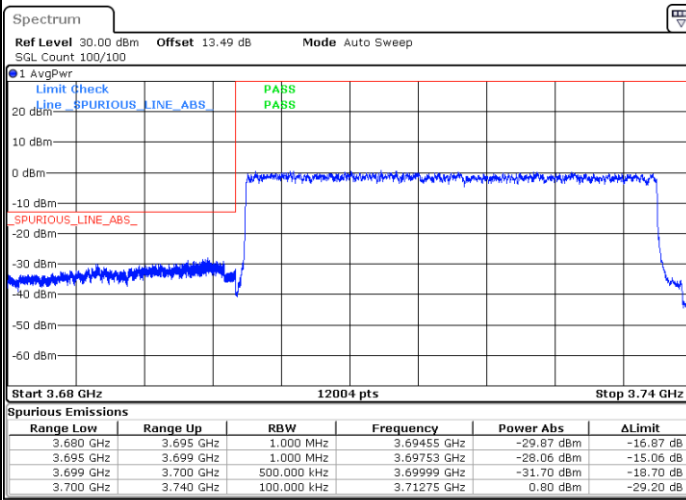


Date: 11.MAR.2022 22:40:24

Date: 11.MAR.2022 22:56:28

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 11.MAR.2022 22:37:25

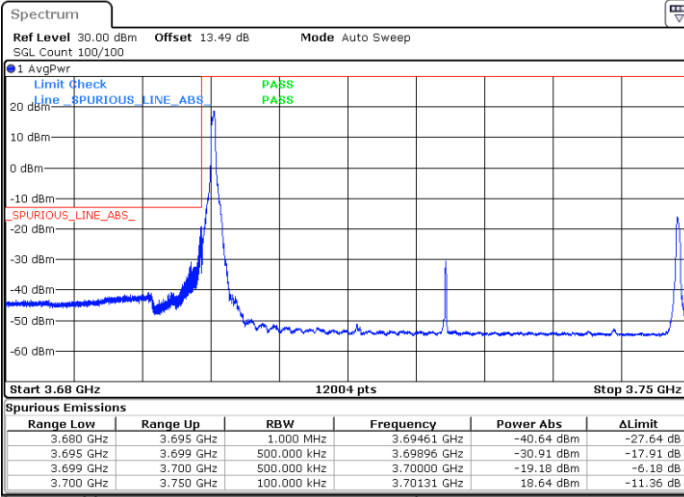
Date: 11.MAR.2022 22:54:39



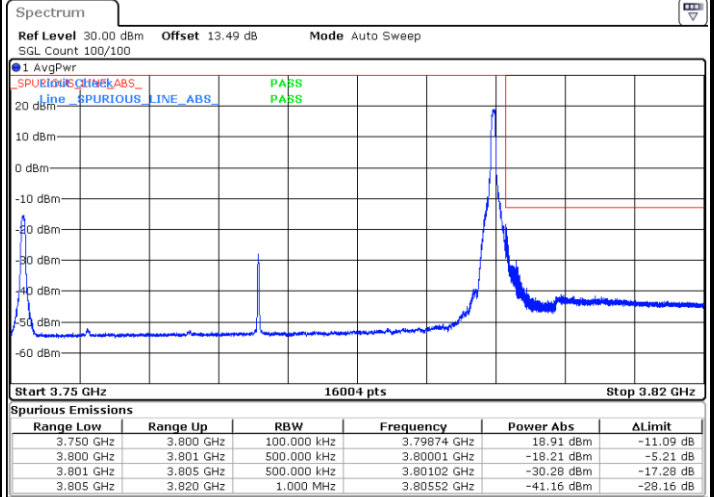
FR1 n78 / 50MHz / DFT-S OFDM / BPSK

Lowest Band Edge / 1RB0

Highest Band Edge / 1RBmax



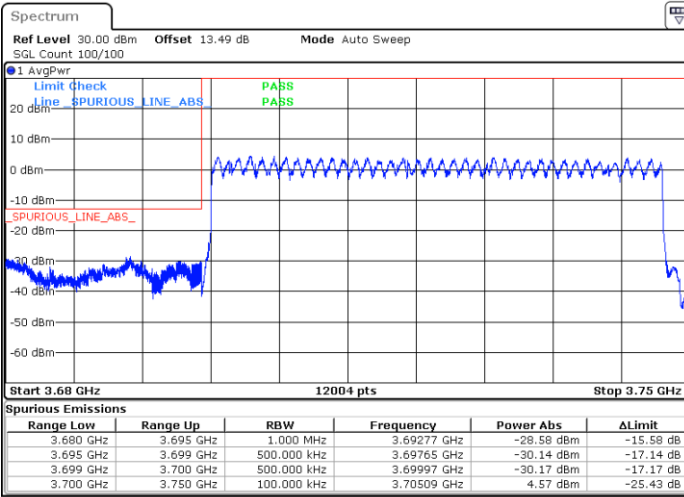
Date: 11.MAR.2022 23:08:36



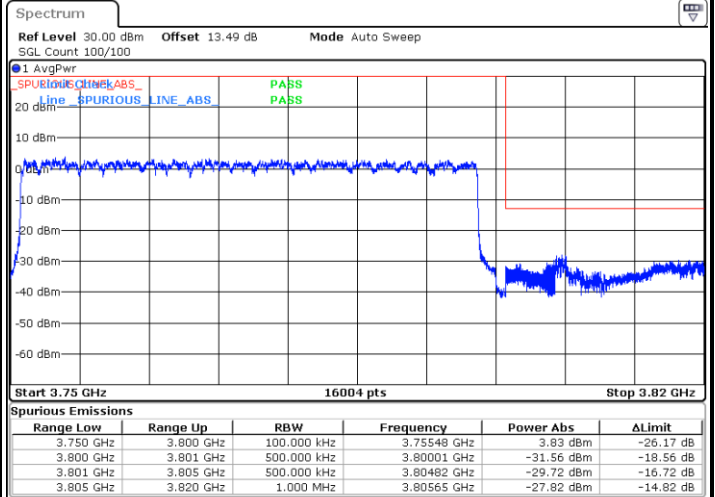
Date: 11.MAR.2022 23:20:09

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 11.MAR.2022 23:09:53



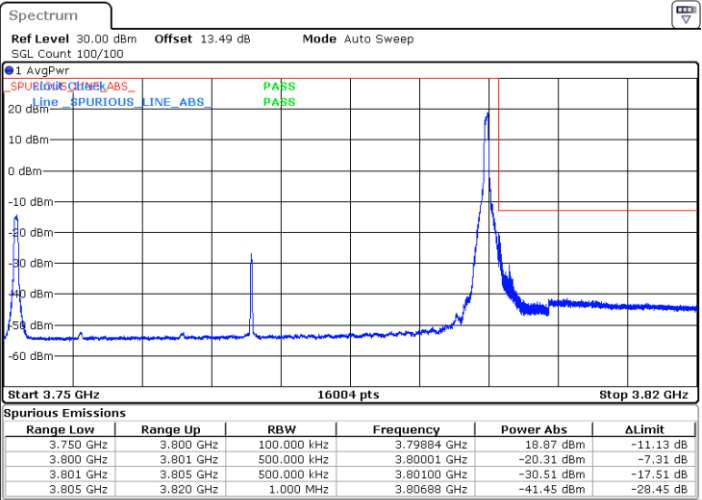
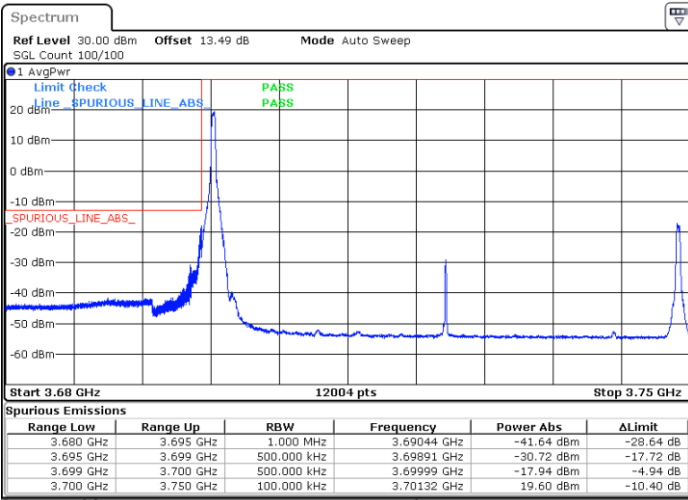
Date: 11.MAR.2022 23:21:11



FR1 n78 / 50MHz / DFT-S OFDM / QPSK

Lowest Band Edge / 1RB0

Highest Band Edge / 1RBmax

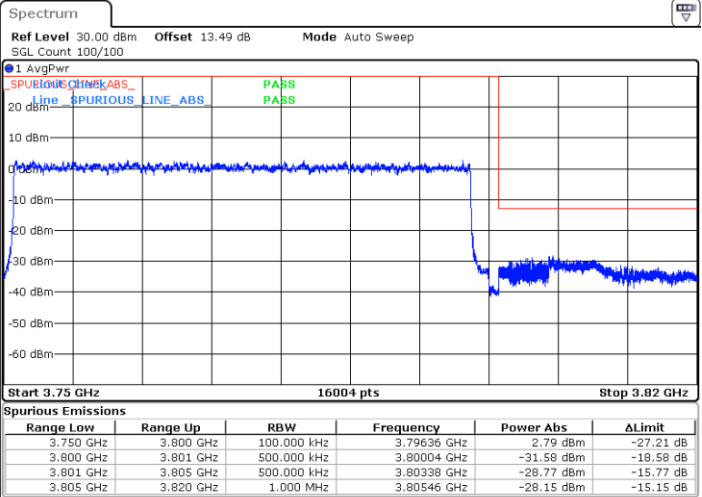
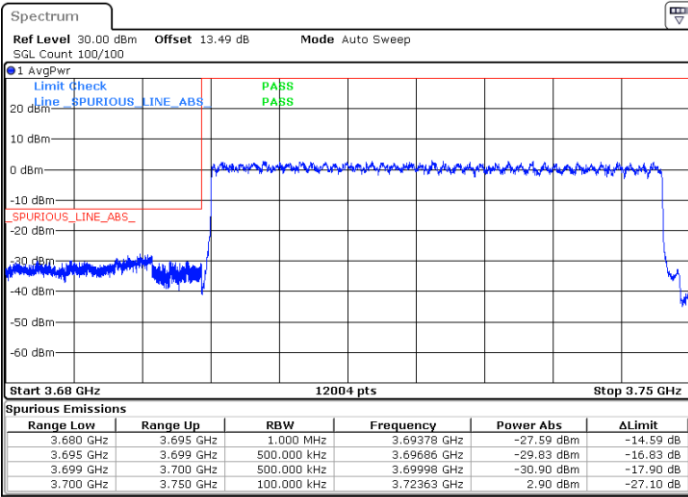


Date: 11.MAR.2022 23:17:59

Date: 11.MAR.2022 23:29:58

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 11.MAR.2022 23:11:09

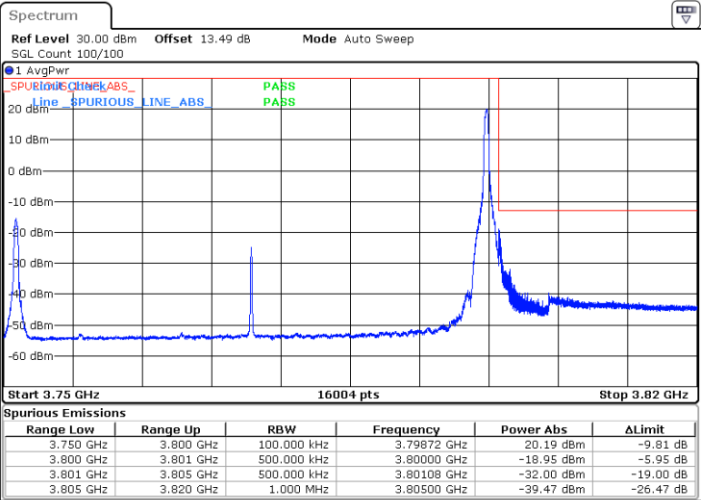
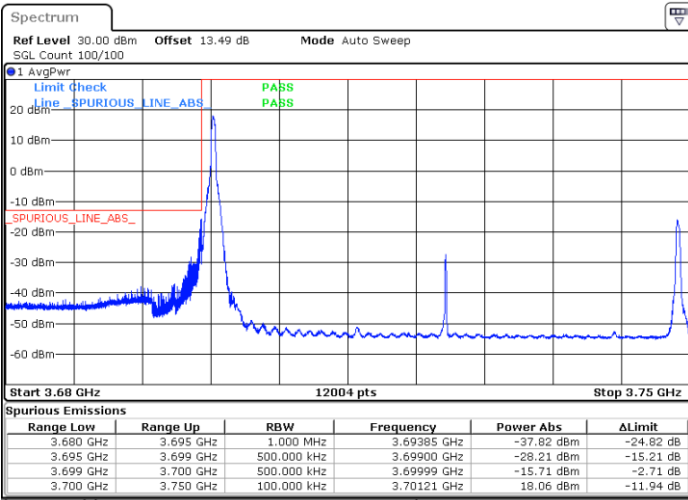
Date: 11.MAR.2022 23:22:01



FR1 n78 / 50MHz / DFT-S OFDM / 16Q

Lowest Band Edge / 1RB0

Highest Band Edge / 1RBmax

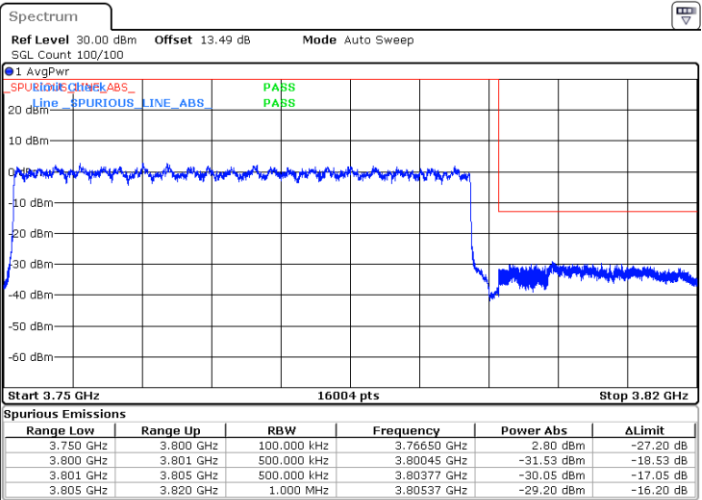
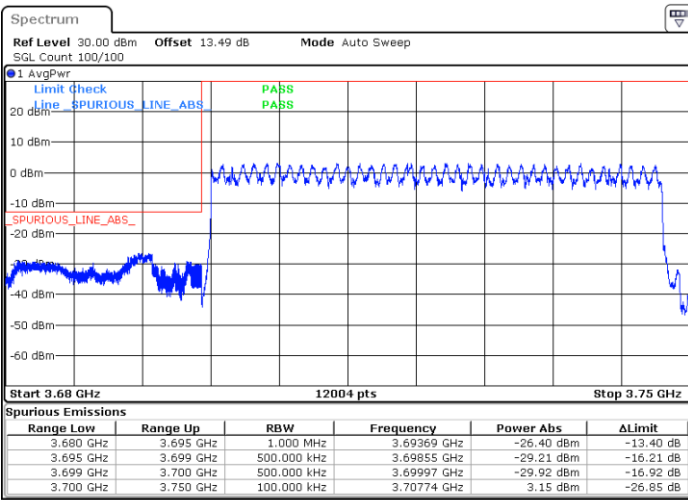


Date: 11.MAR.2022 23:17:13

Date: 11.MAR.2022 23:29:12

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 11.MAR.2022 23:12:33

Date: 11.MAR.2022 23:22:49