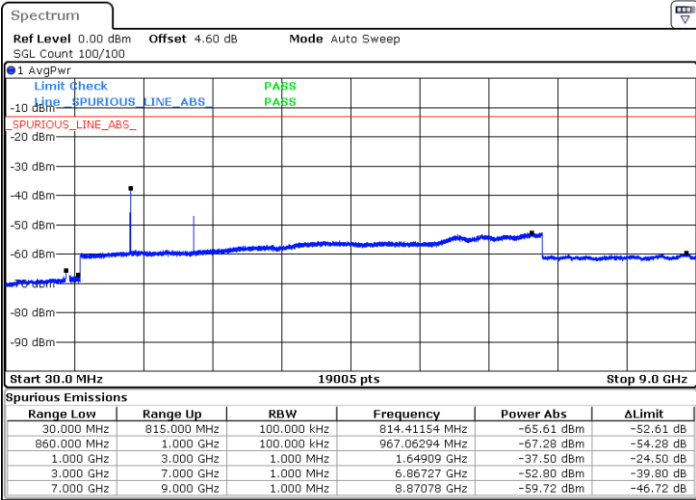




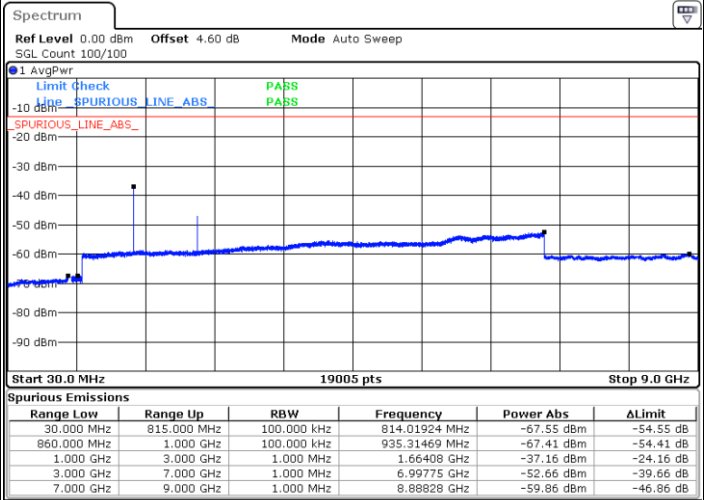
FR1 n5/ 10MHz / DFT-S OFDM / QPSK

Lowest Channel / 1RB1

Middle Channel / 1RB1

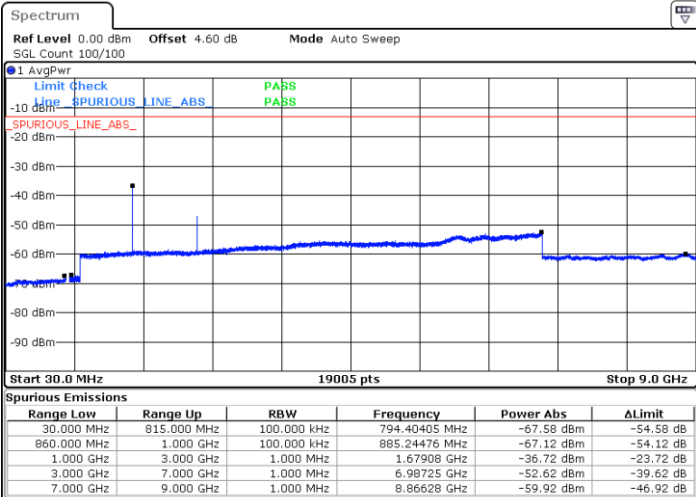


Date: 2.FEB.2022 22:24:20



Date: 2.FEB.2022 22:27:26

Highest Channel / 1RB1



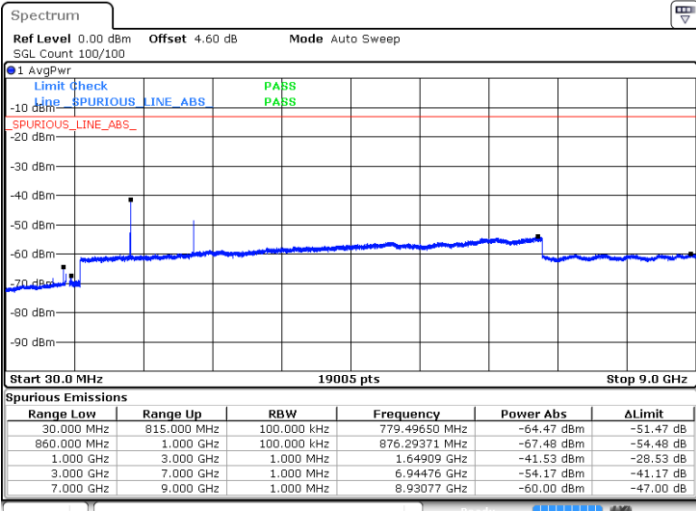
Date: 2.FEB.2022 22:29:15



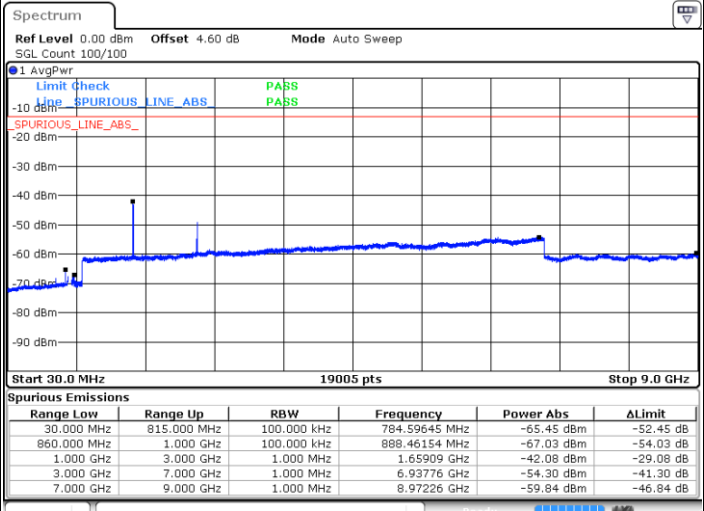
FR1 n5 / 15MHz / DFT-S OFDM / QPSK

Lowest Channel / 1RB1

Middle Channel / 1RB1

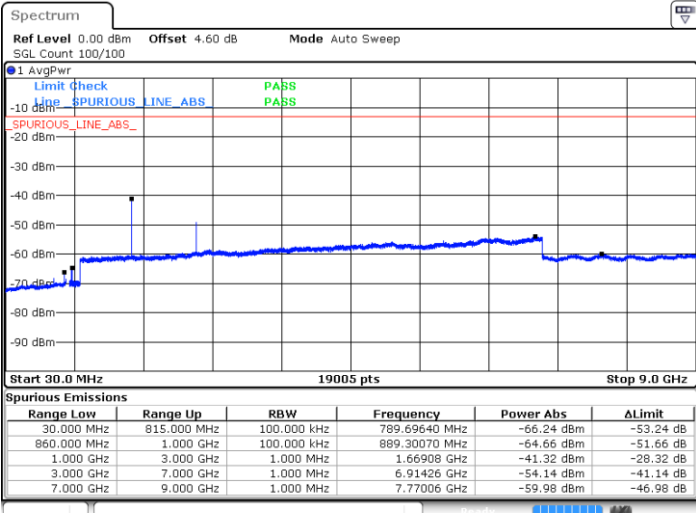


Date: 2 FEB 2022 00:46:19



Date: 2 FEB 2022 00:48:49

Highest Channel / 1RB1



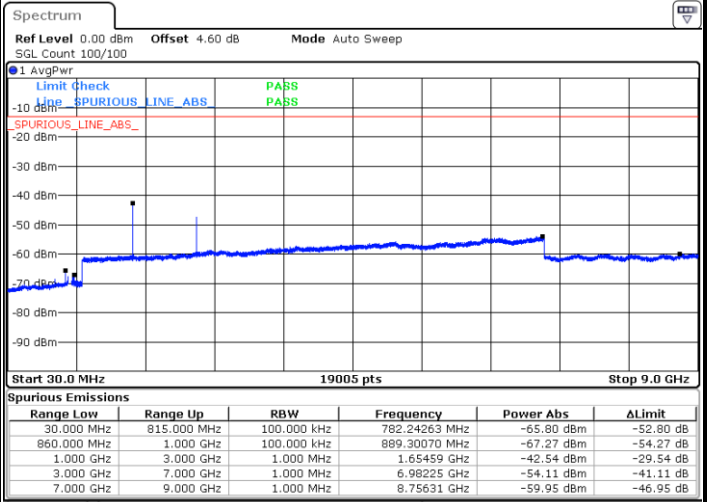
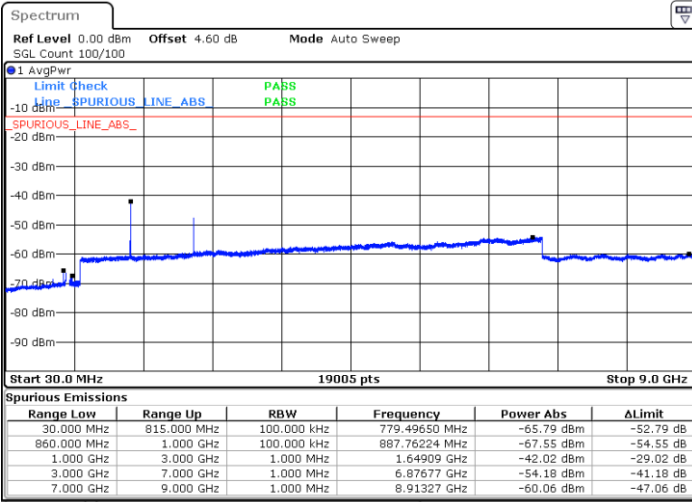
Date: 2 FEB 2022 00:50:24



FR1 n5 / 20MHz / DFT-S OFDM / QPSK

Lowest Channel / 1RB1

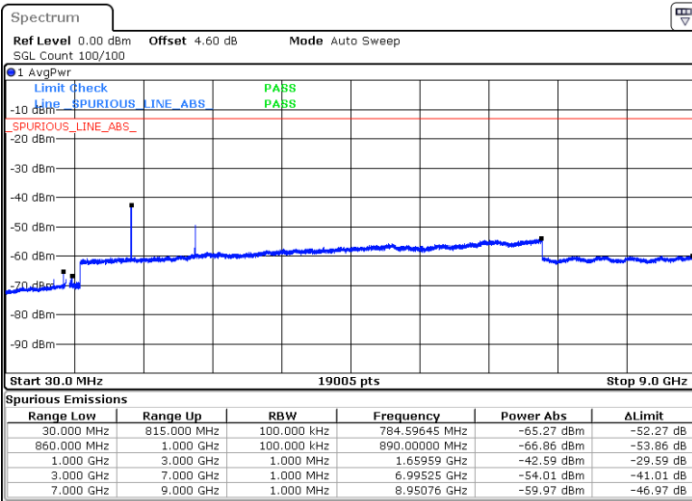
Middle Channel / 1RB1



Date: 2 FEB 2022 01:10:47

Date: 2 FEB 2022 01:11:58

Highest Channel / 1RB1



Date: 2 FEB 2022 01:13:24



Frequency Stability

Test Conditions		FR1 n5 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 20MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0015	PASS
40	Normal Voltage	0.0022	
30	Normal Voltage	0.0051	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0032	
0	Normal Voltage	0.0053	
-10	Normal Voltage	0.0008	
-20	Normal Voltage	0.0054	
-30	Normal Voltage	0.0014	
20	Maximum Voltage	0.0022	
20	Normal Voltage	0.0030	
20	Battery End Point	0.0063	

Note:

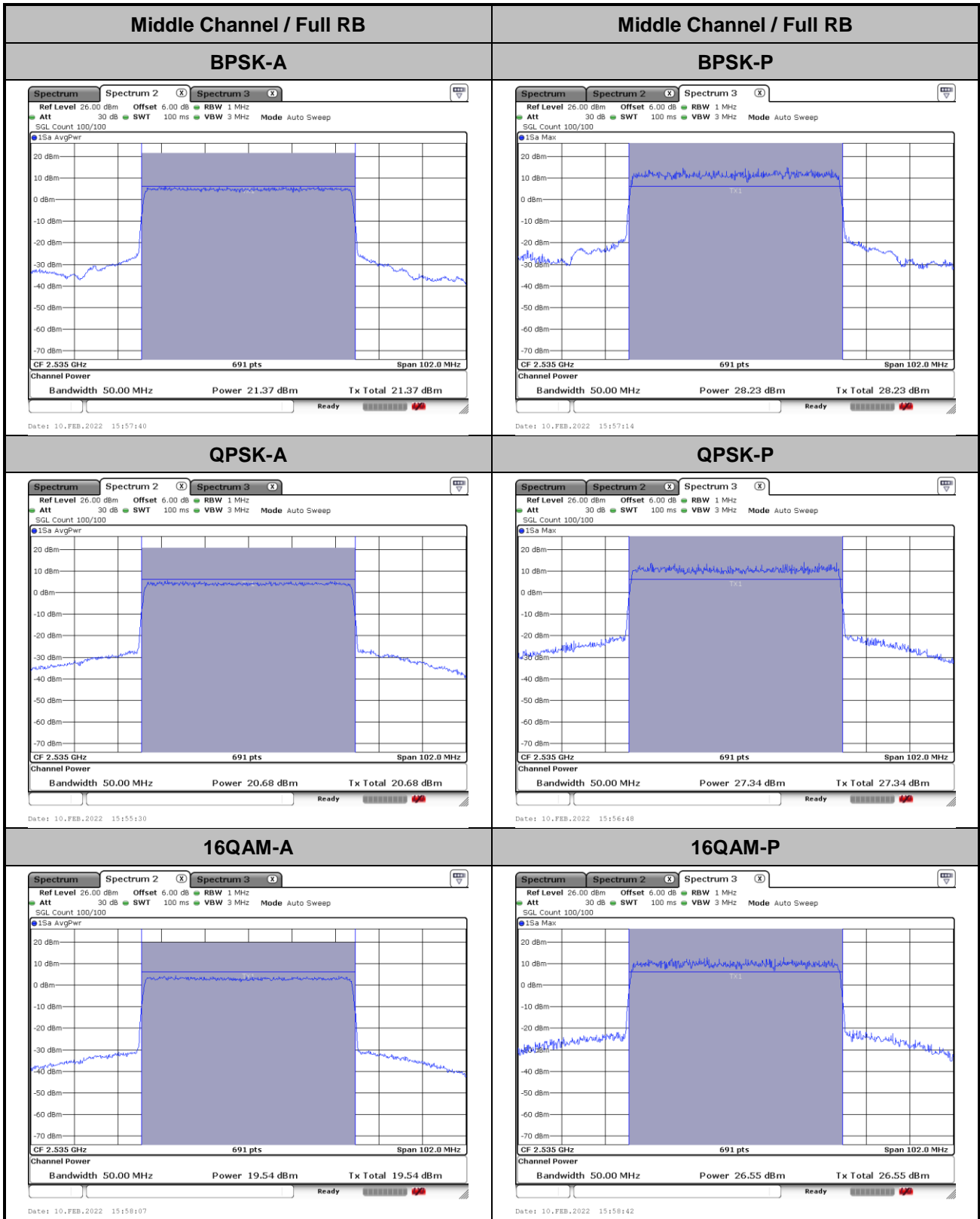
1. Normal Voltage =3.87 V. ; Battery End Point (BEP) =3.4 V. ; Maximum Voltage =4.48 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.

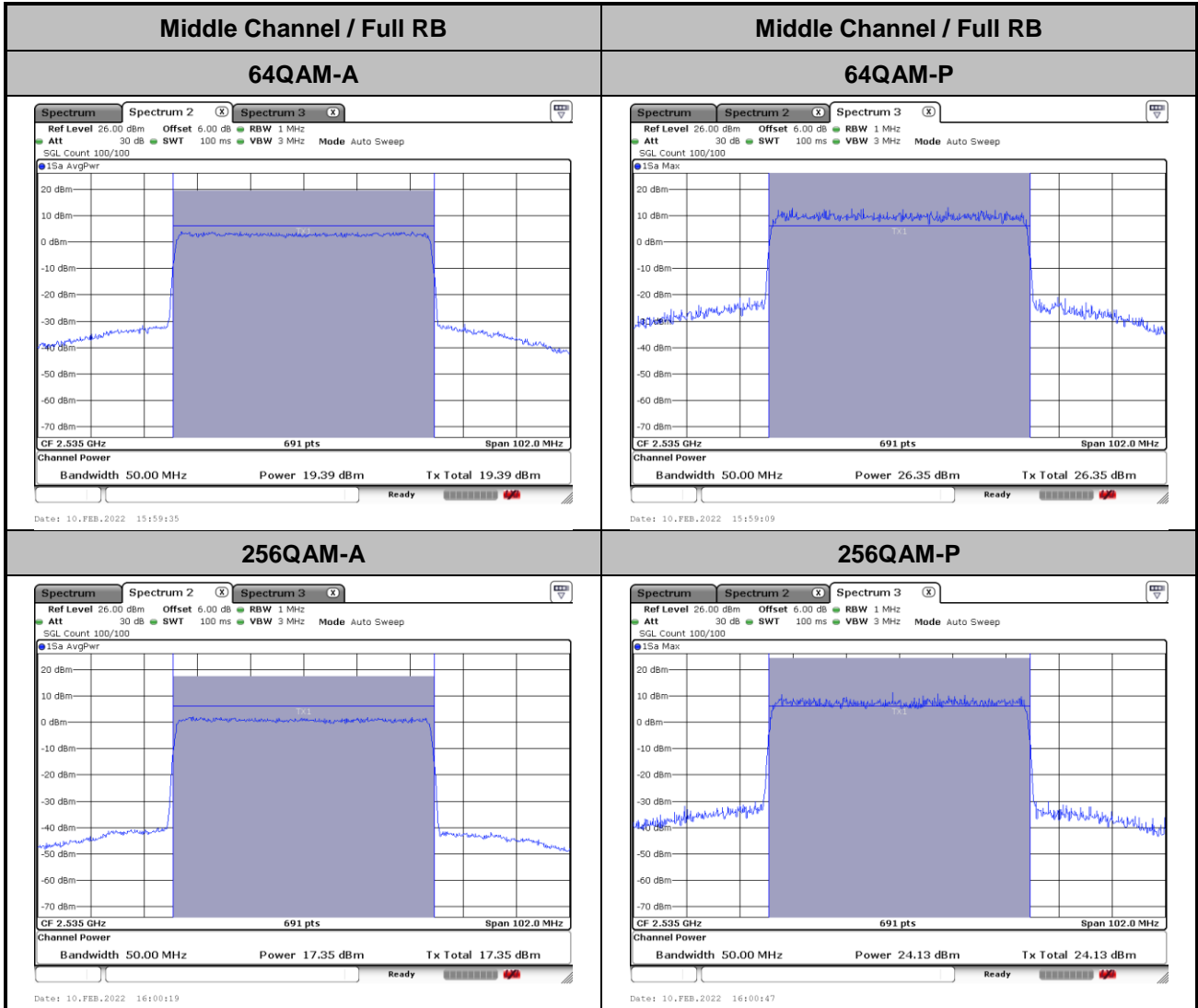


FR1 n7

Peak-to-Average Ratio

Mode	FR1 n7 / 50MHz / 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	6.86	6.66	7.01	6.96	PASS
Mod.	256QAM				Limit: 13Db
RB Size	Full RB				Result
Middle CH	6.78				PASS

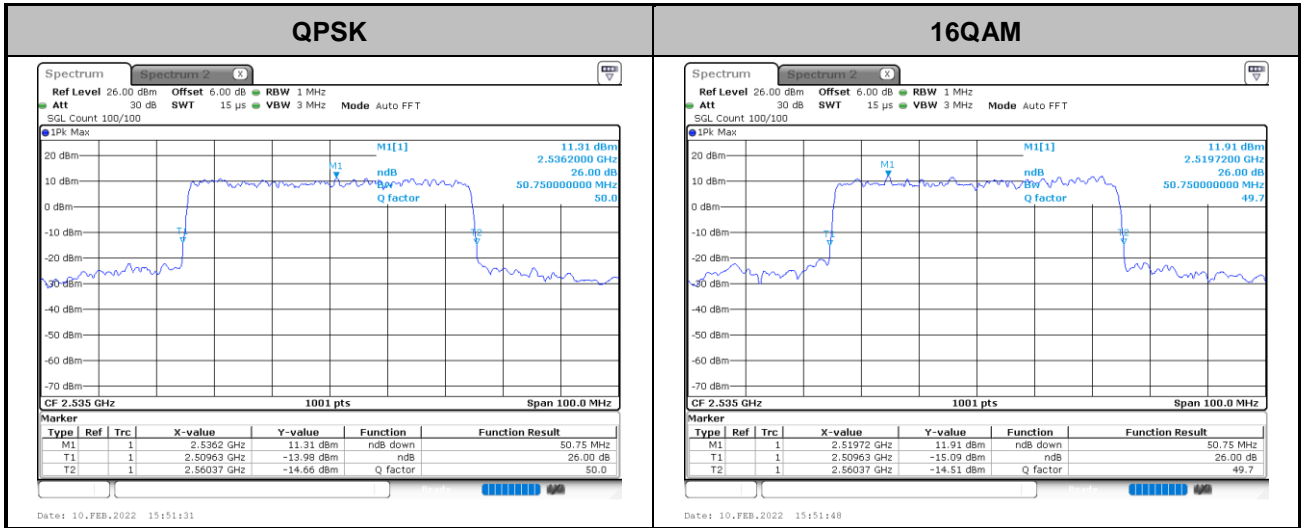






26dB Bandwidth

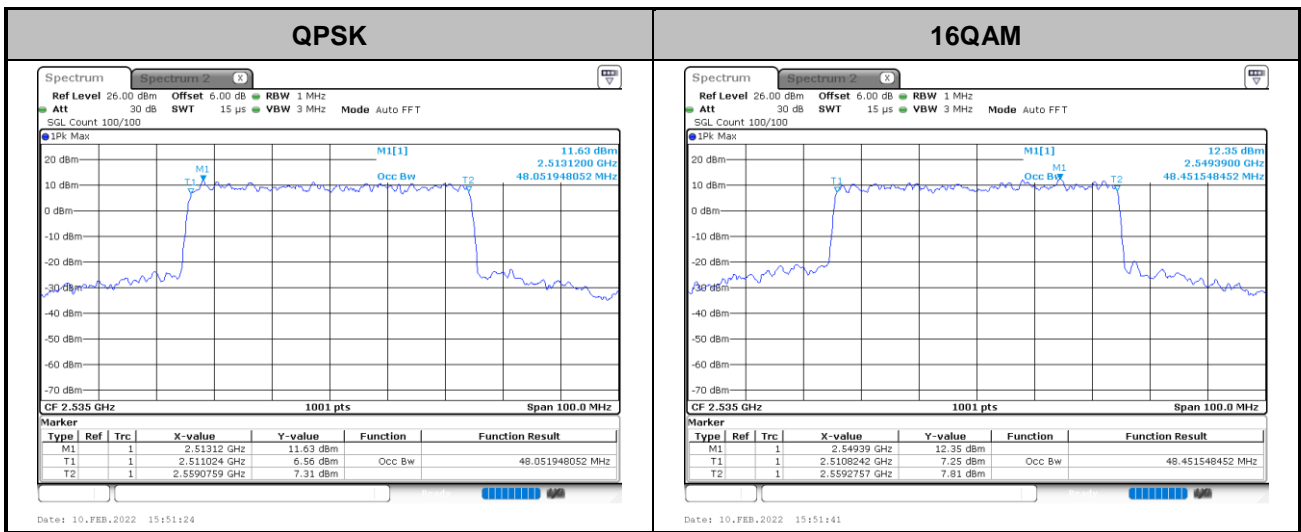
Mode	FR1 n7 : 26dB BW(MHz) / DFT-S OFDM	
BW	50M	
Mod.	QPSK	16QAM
Middle CH	50.75	50.75





Occupied Bandwidth

Mode	FR1 n7 : 99%OBW(MHz) / DFT-S OFDM	
BW	50M	
Mod.	QPSK	16QAM
Middle CH	48.05	48.45



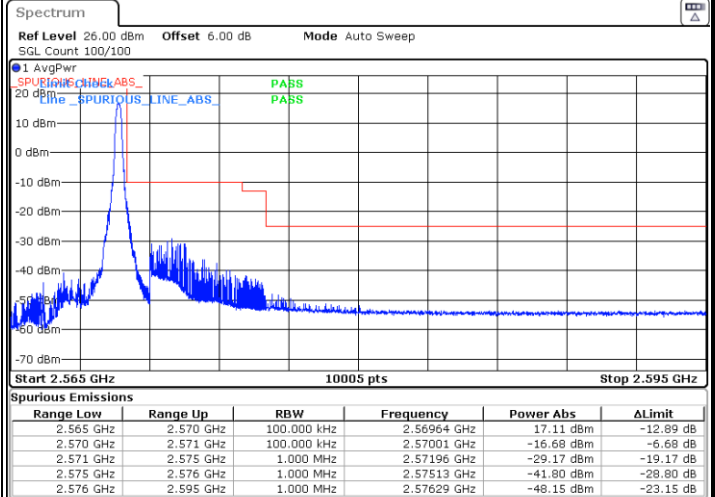
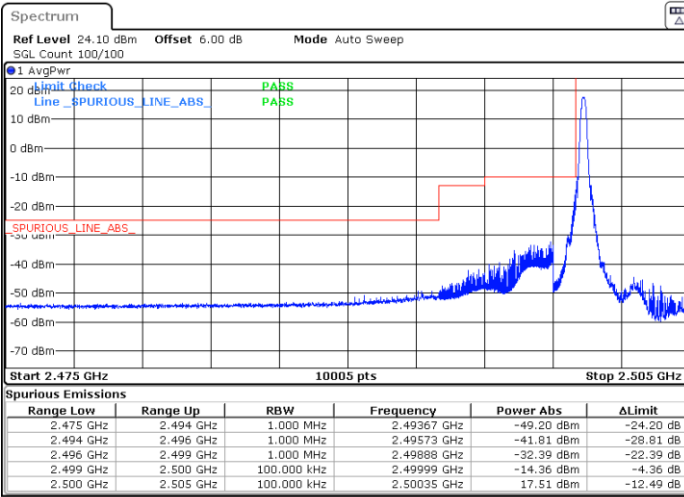


Conducted Band Edge

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

Lowest Band Edge / 1RB0

Highest Band Edge / 1RBMAX

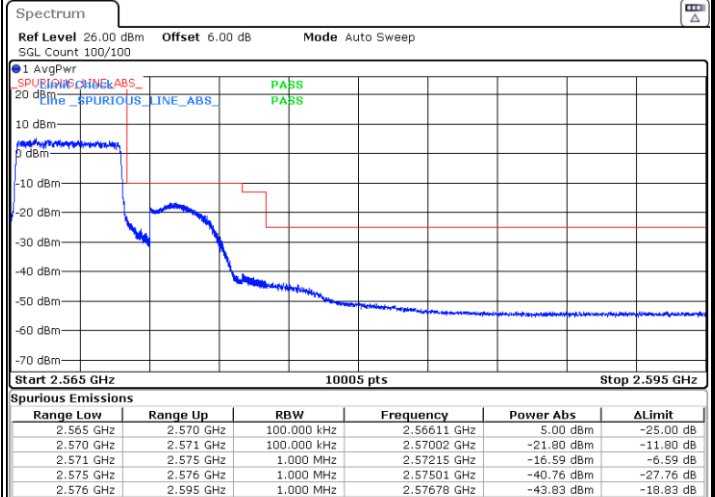
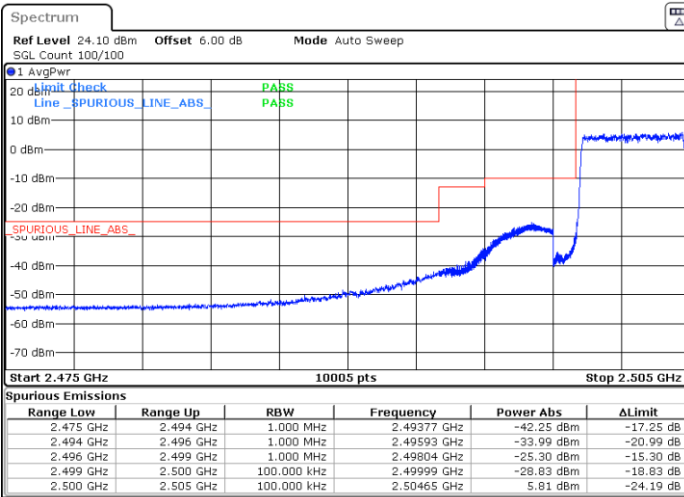


Date: 3 FEB 2022 02:26:19

Date: 3 FEB 2022 02:34:37

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 3 FEB 2022 02:23:09

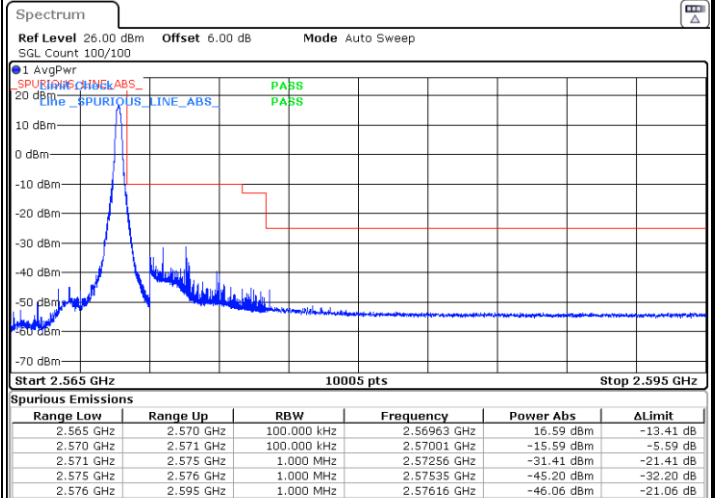
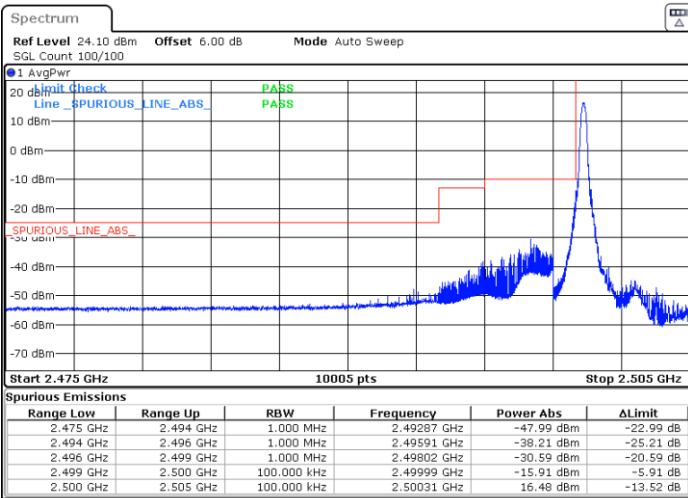
Date: 3 FEB 2022 02:30:04



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

Lowest Band Edge / 1RB0

Highest Band Edge / 1RBMAX

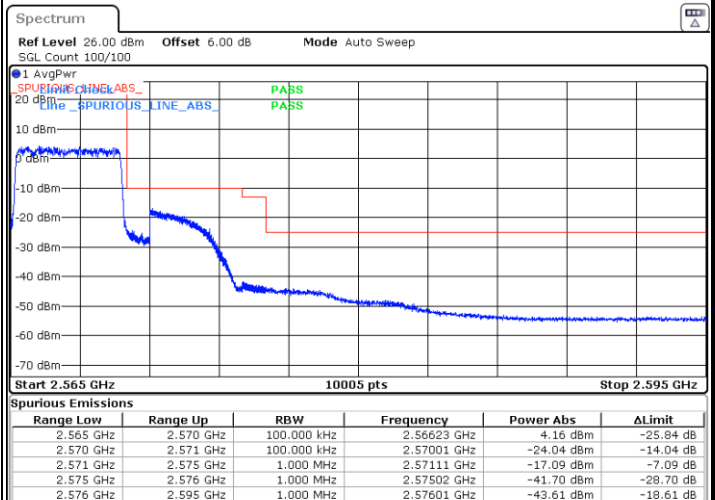
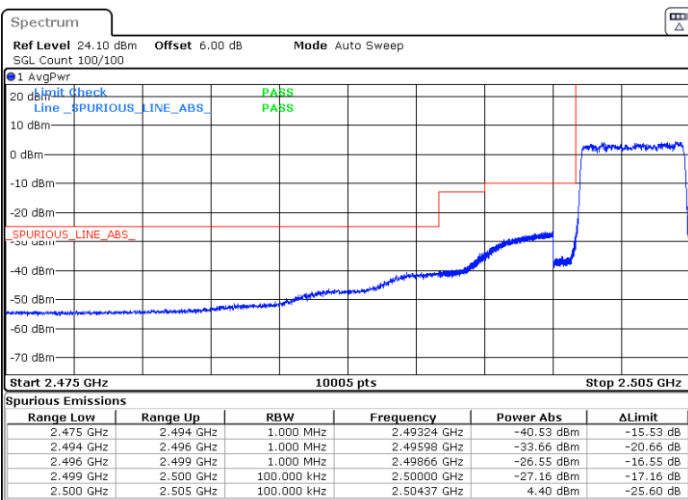


Date: 3 FEB 2022 02:25:56

Date: 3 FEB 2022 02:34:15

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 3 FEB 2022 02:23:33

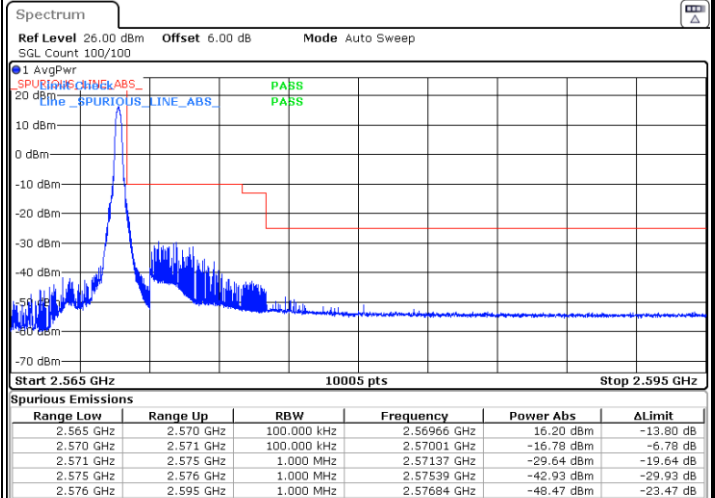
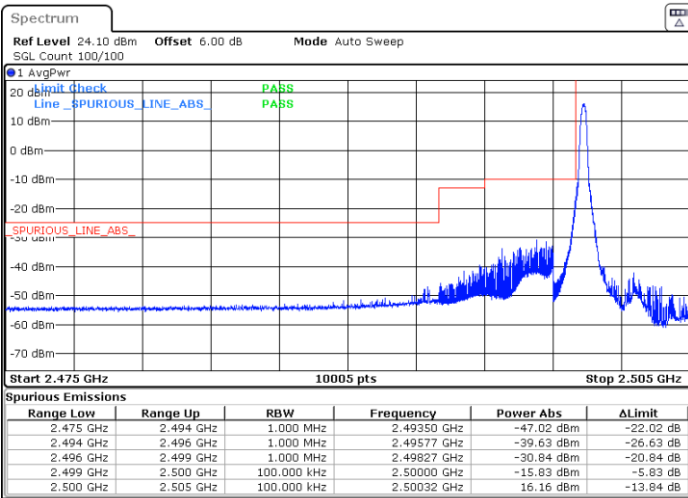
Date: 3 FEB 2022 02:30:24



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

Lowest Band Edge / 1RB0

Highest Band Edge / 1RBMAX

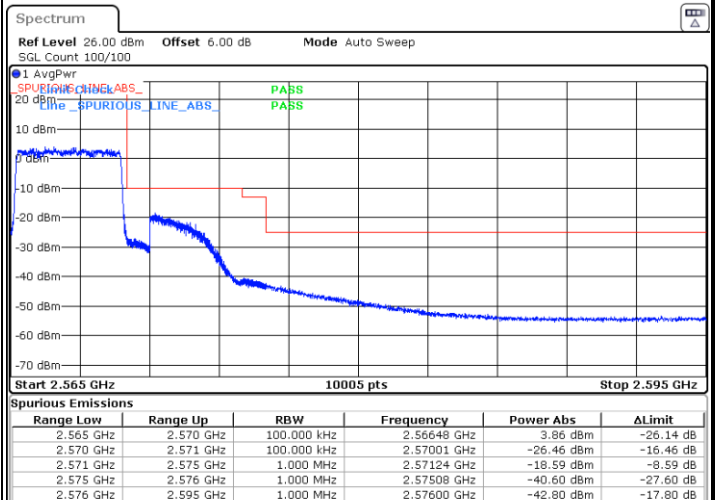
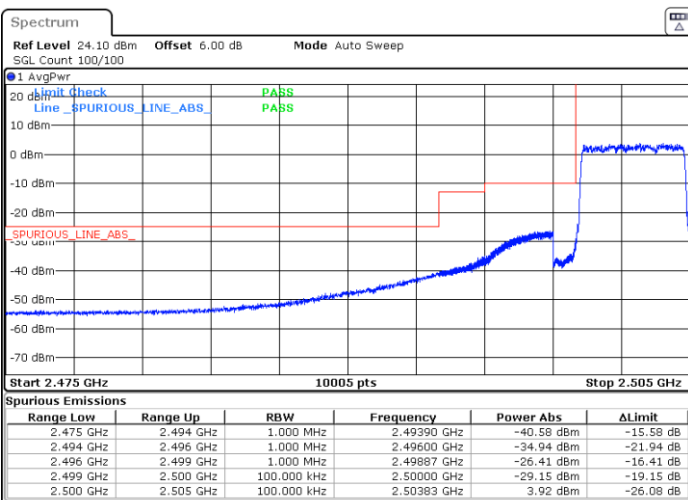


Date: 3 FEB 2022 02:25:35

Date: 3 FEB 2022 02:33:55

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 3 FEB 2022 02:23:52

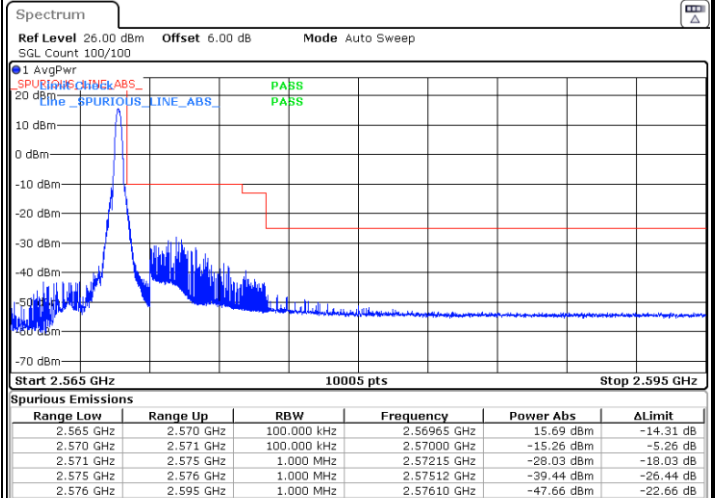
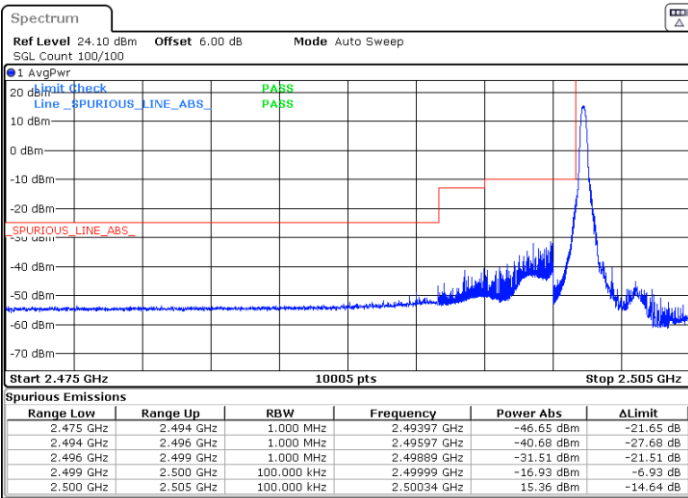
Date: 3 FEB 2022 02:30:45



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

Lowest Band Edge / 1RB0

Highest Band Edge / 1RBMAX

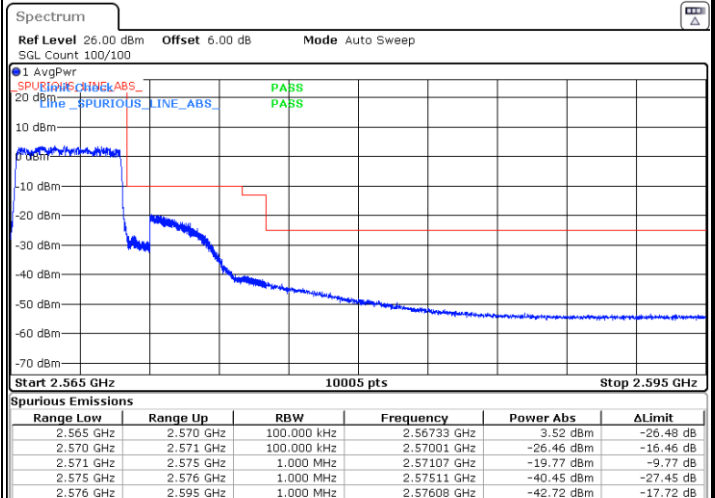
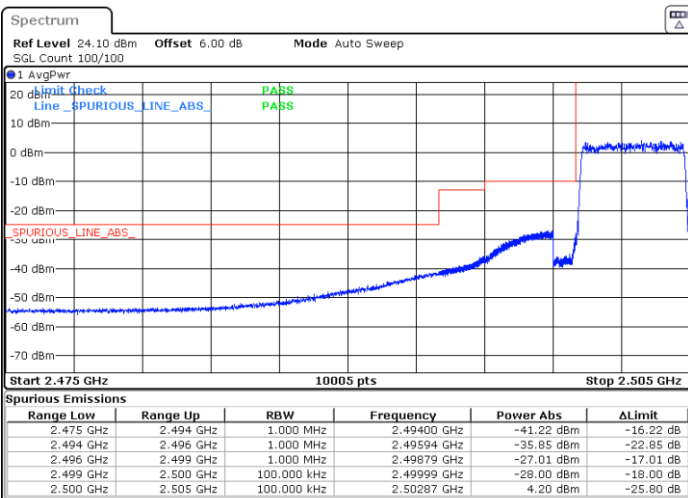


Date: 3 FEB 2022 02:25:15

Date: 3 FEB 2022 02:33:36

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 3 FEB 2022 02:24:12

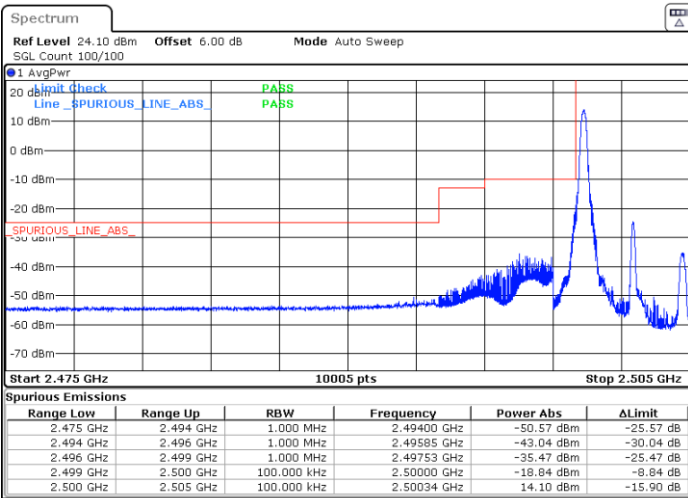
Date: 3 FEB 2022 02:31:05



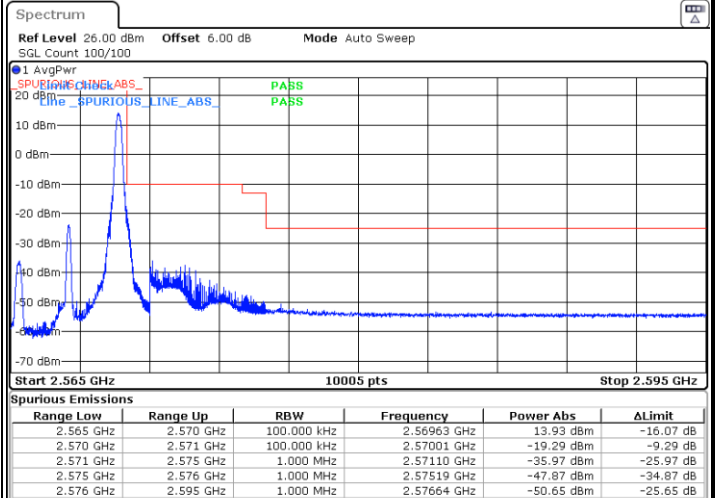
FR1 n7 / 5MHz / DFT-S OFDM / 256Q

Lowest Band Edge / 1RB0

Highest Band Edge / 1RBMAX



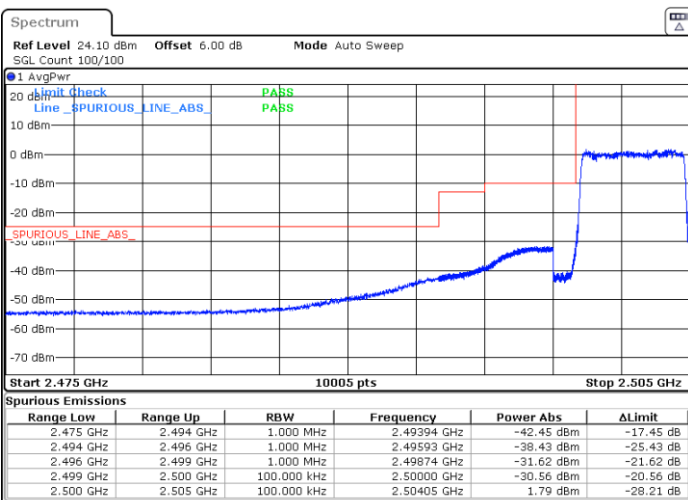
Date: 3 FEB 2022 02:24:55



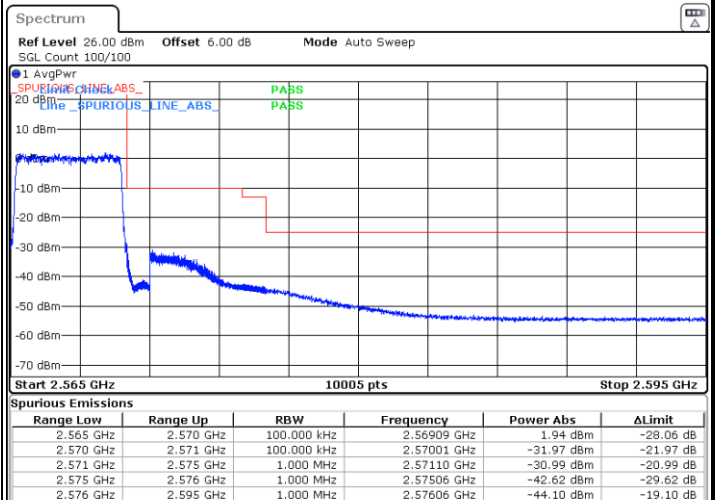
Date: 3 FEB 2022 02:32:12

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 3 FEB 2022 02:24:34



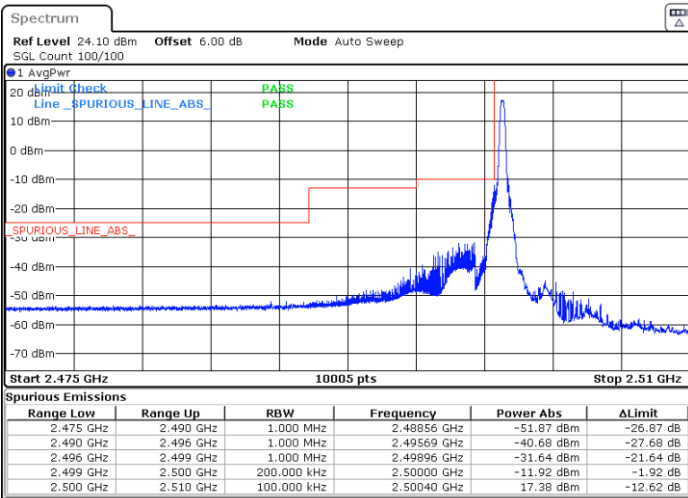
Date: 3 FEB 2022 02:31:29



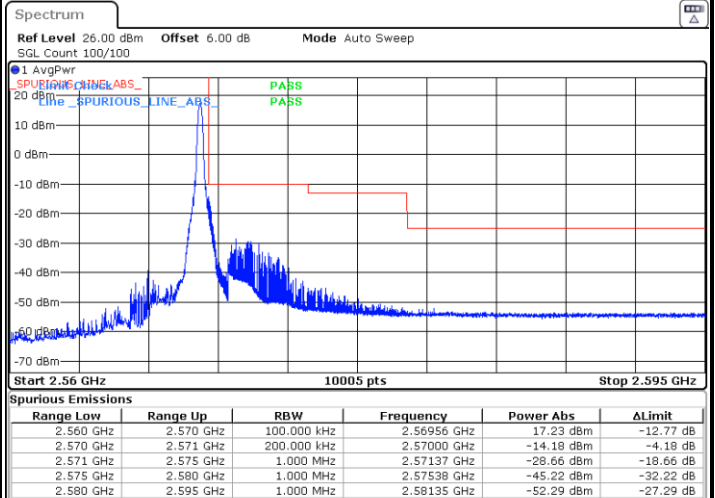
FR1 n7 / 10MHz / DFT-s-OFDM / PI/2 BPSK

Lowest Band Edge / 1RB0

Highest Band Edge / 1RBMAX



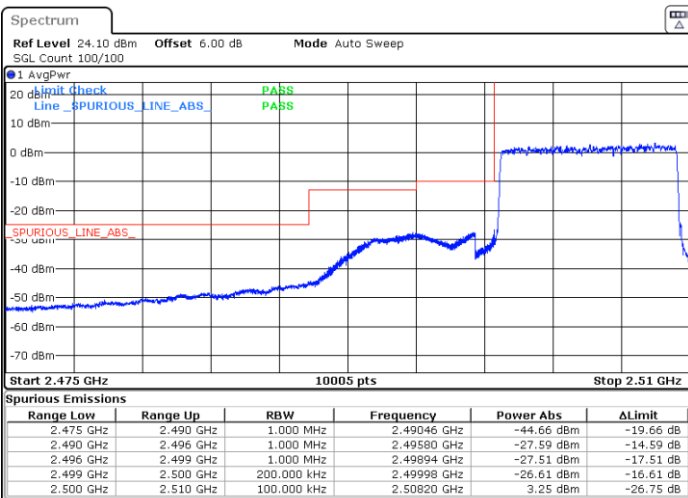
Date: 3 FEB 2022 02:38:33



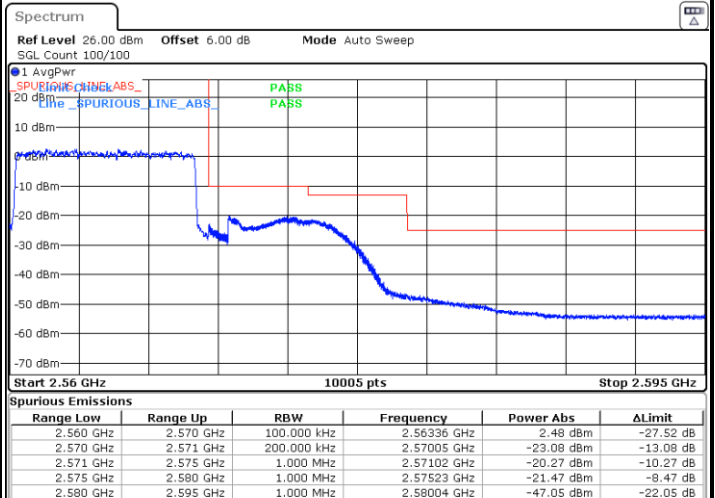
Date: 3 FEB 2022 02:46:33

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 3 FEB 2022 02:35:42



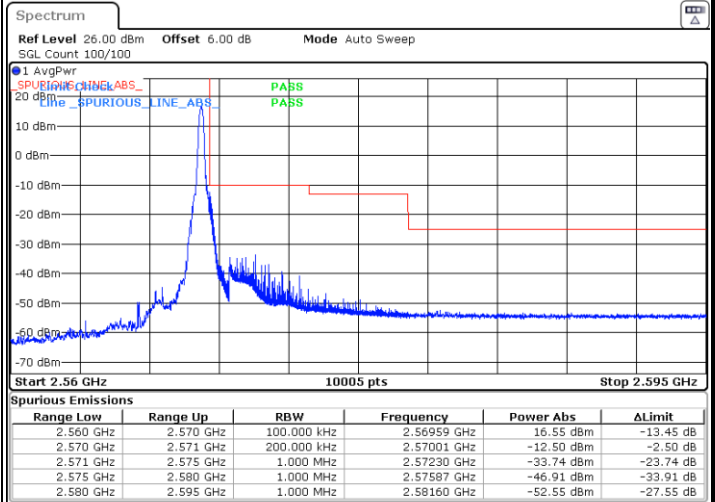
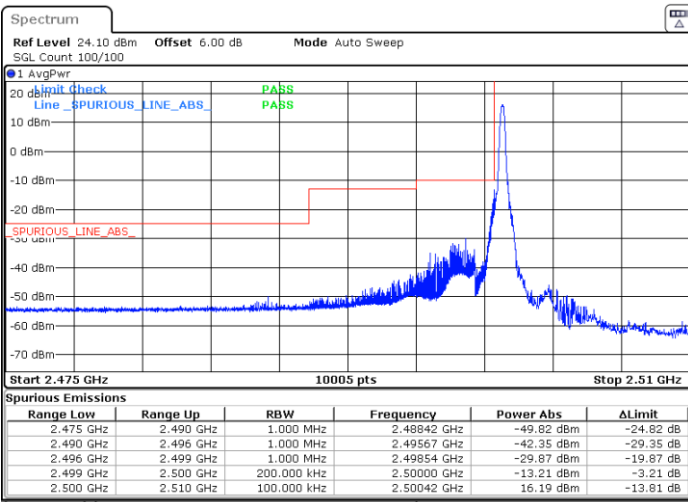
Date: 3 FEB 2022 02:42:27



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

Lowest Band Edge / 1RB0

Highest Band Edge / 1RBMAX

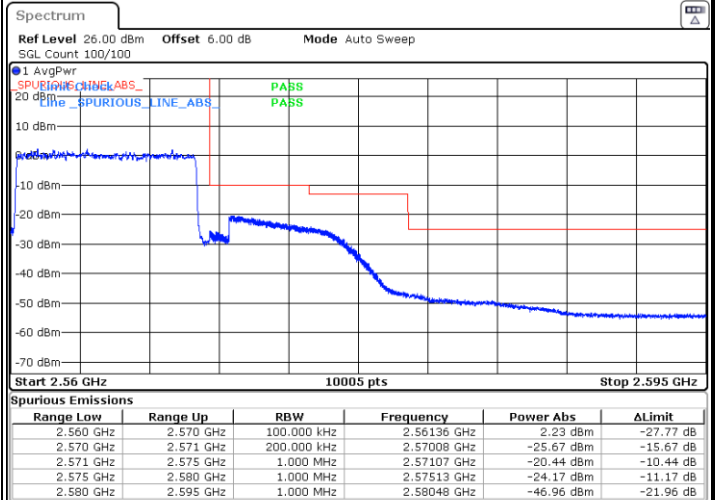
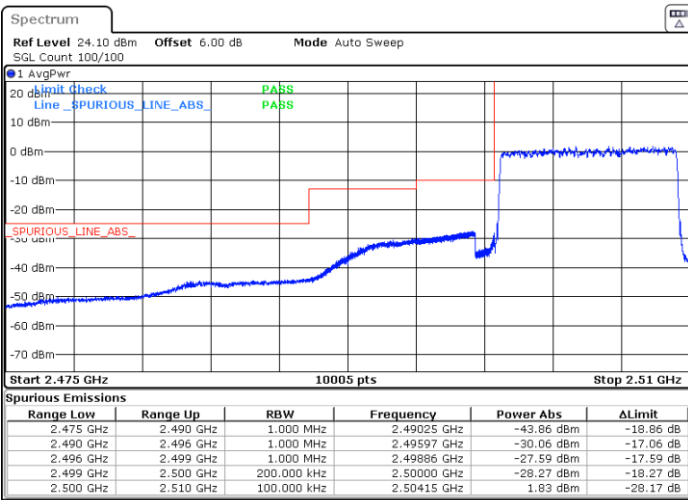


Date: 3 FEB 2022 02:38:13

Date: 3 FEB 2022 02:46:13

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 3 FEB 2022 02:36:01

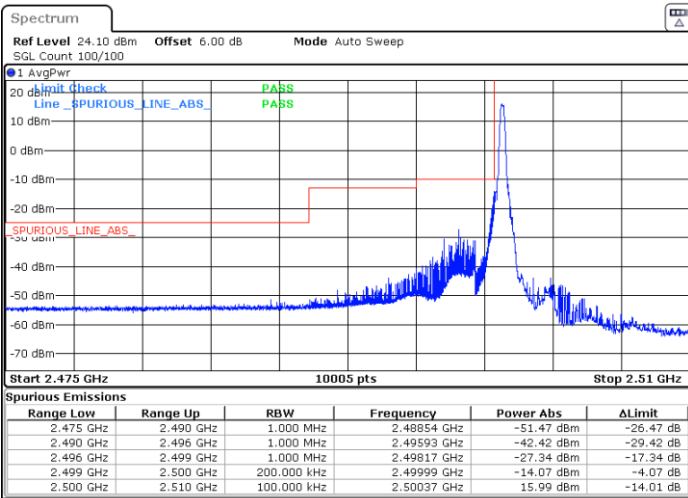
Date: 3 FEB 2022 02:42:46



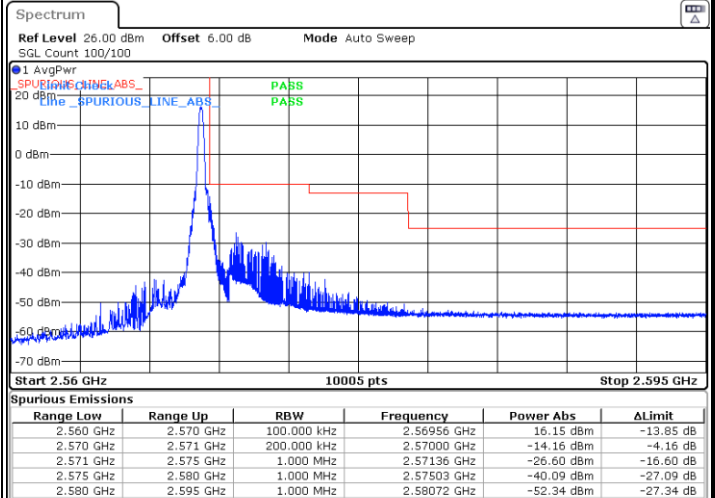
FR1 n7 / 10MHz / DFT-s-OFDM / 16QAM

Lowest Band Edge / 1RB0

Highest Band Edge / 1RBMAX



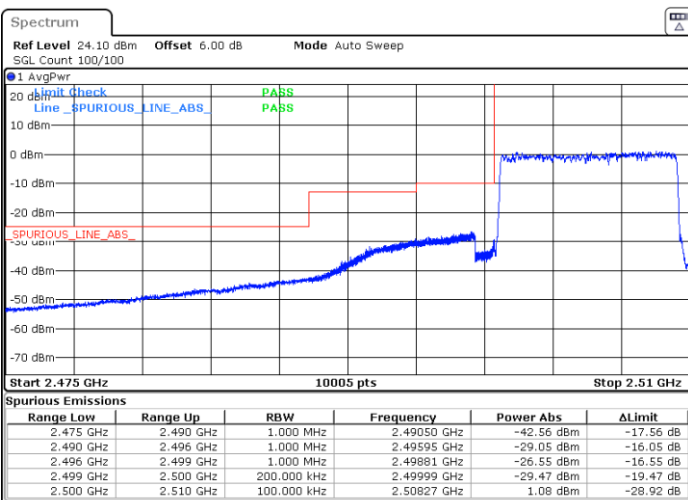
Date: 3 FEB 2022 02:37:55



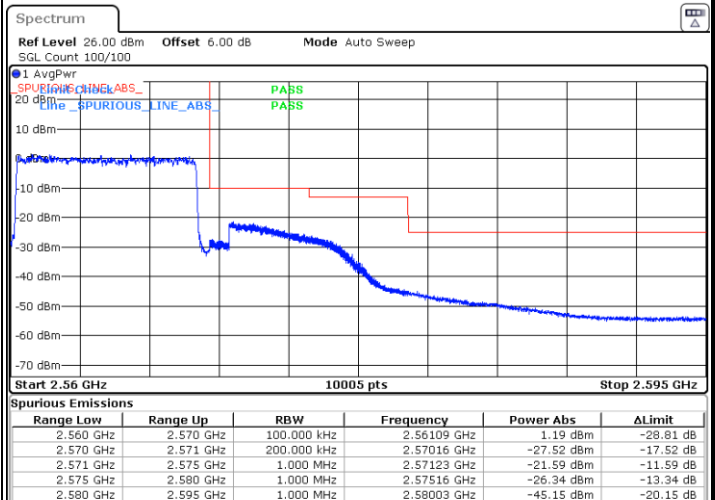
Date: 3 FEB 2022 02:45:56

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 3 FEB 2022 02:36:20



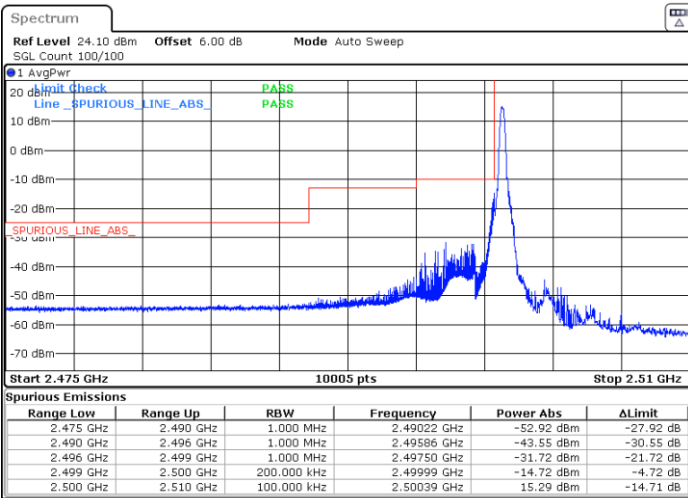
Date: 3 FEB 2022 02:43:06



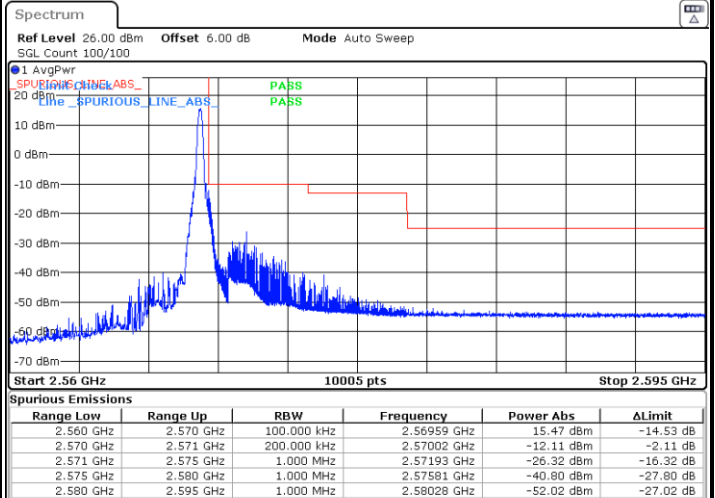
FR1 n7 / 10MHz / DFT-s-OFDM / 64QAM

Lowest Band Edge / 1RB0

Highest Band Edge / 1RBMAX



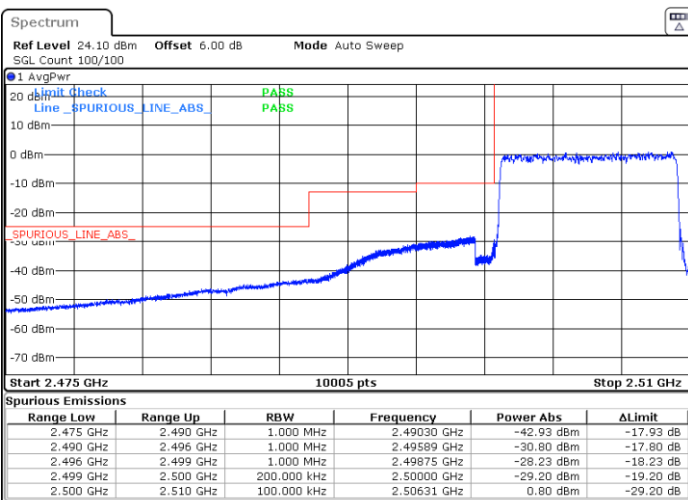
Date: 3 FEB 2022 02:37:37



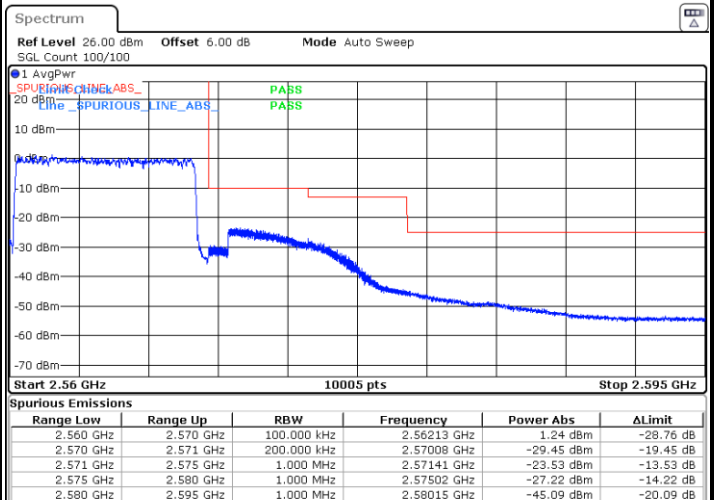
Date: 3 FEB 2022 02:45:39

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 3 FEB 2022 02:36:38



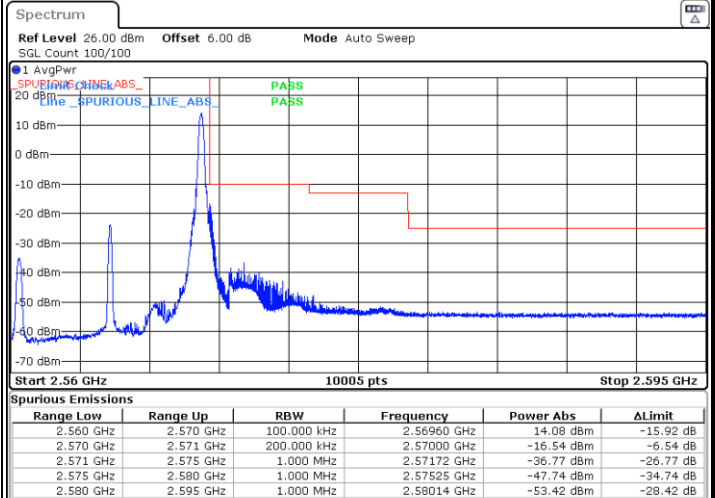
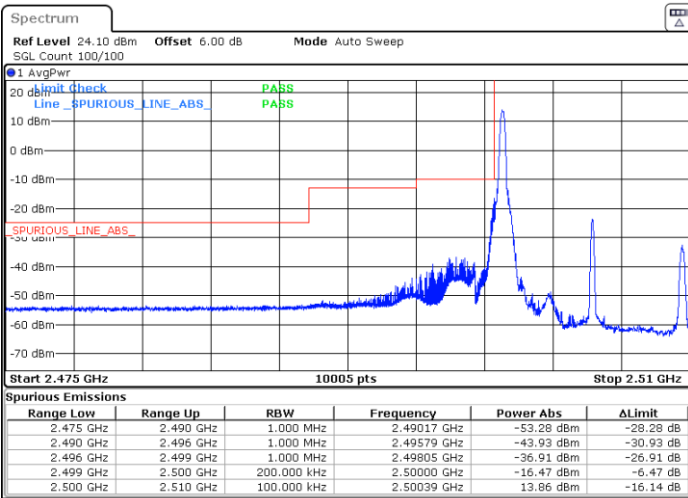
Date: 3 FEB 2022 02:43:26



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

Lowest Band Edge / 1RB0

Highest Band Edge / 1RBMAX

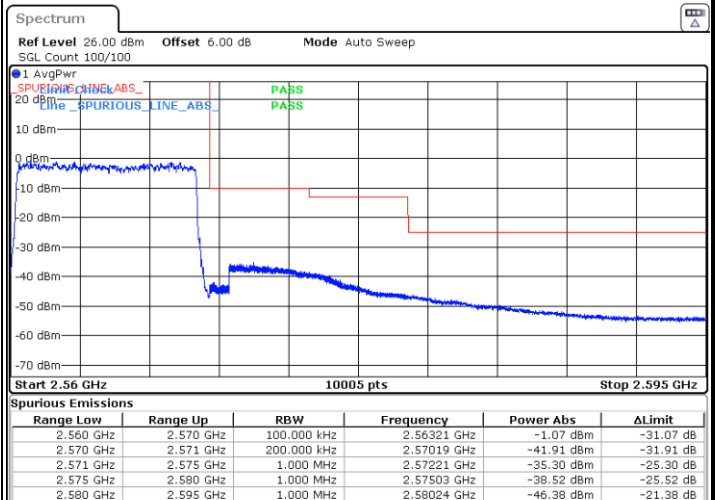
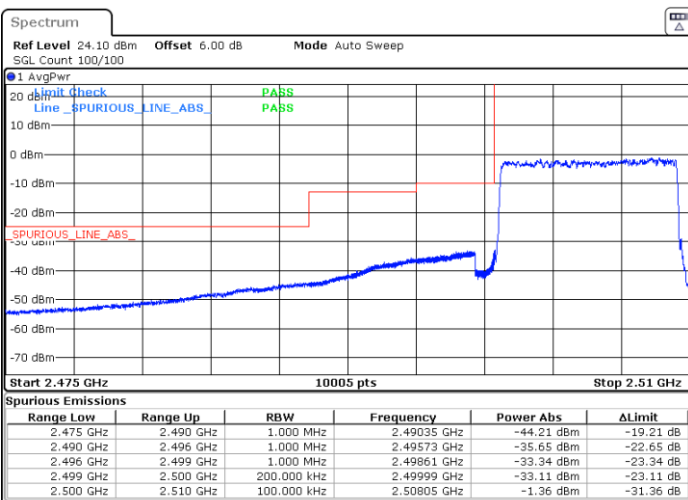


Date: 3 FEB 2022 02:37:20

Date: 3 FEB 2022 02:45:20

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 3 FEB 2022 02:37:01

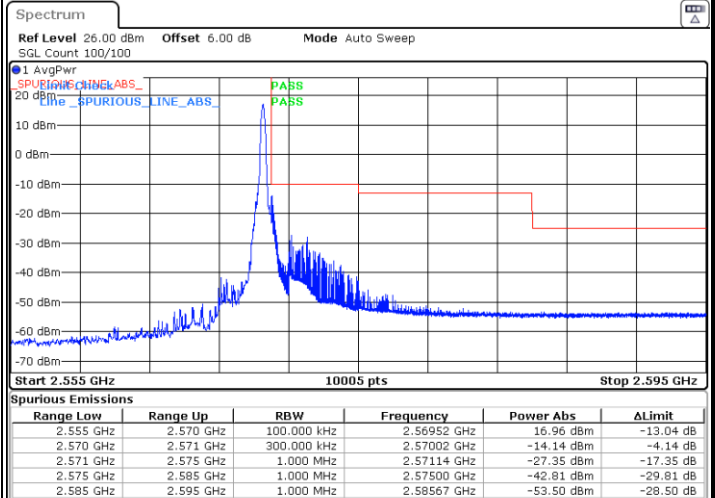
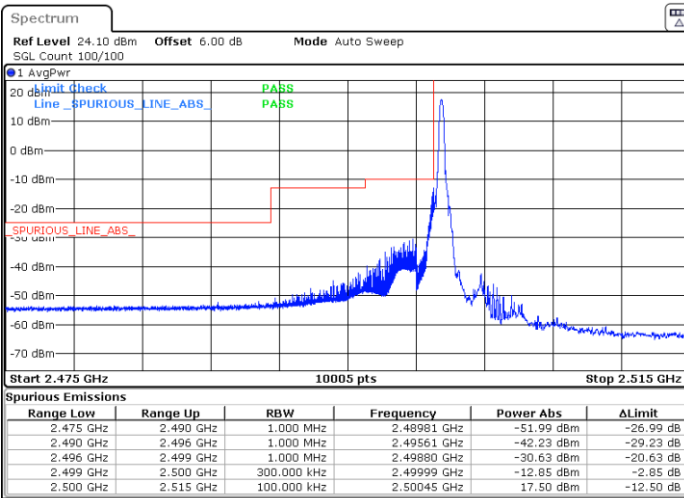
Date: 3 FEB 2022 02:43:50



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

Lowest Band Edge / 1RB0

Highest Band Edge / 1RBMAX

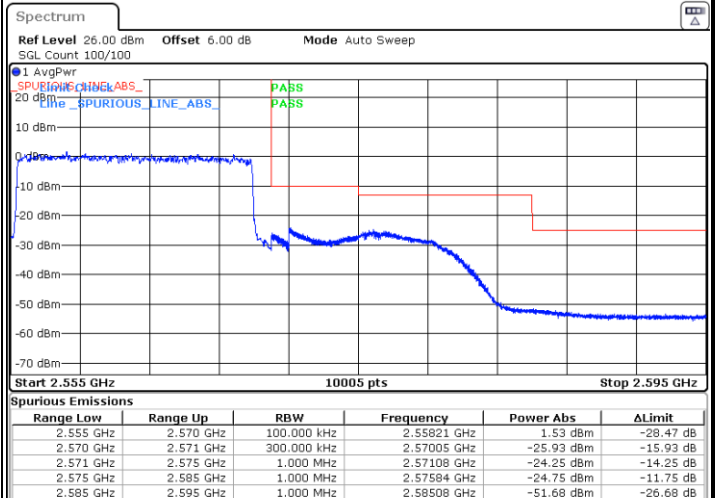
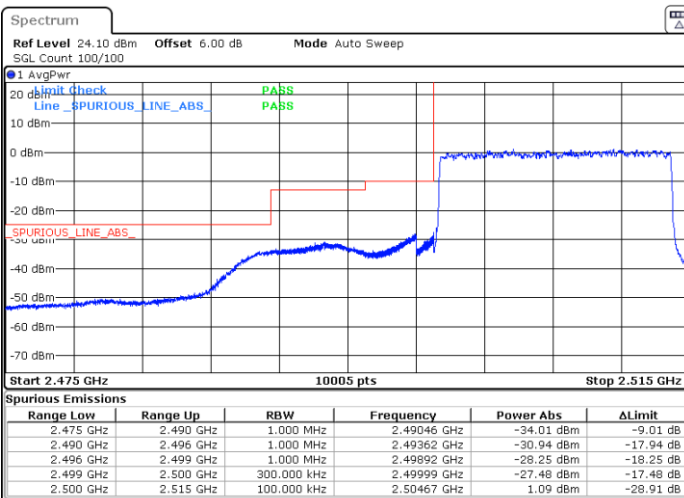


Date: 3 FEB 2022 02:50:26

Date: 3 FEB 2022 02:58:45

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 3 FEB 2022 02:47:41

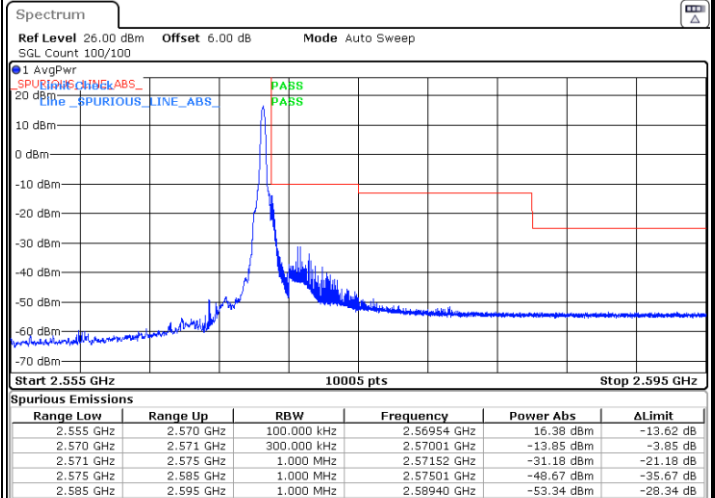
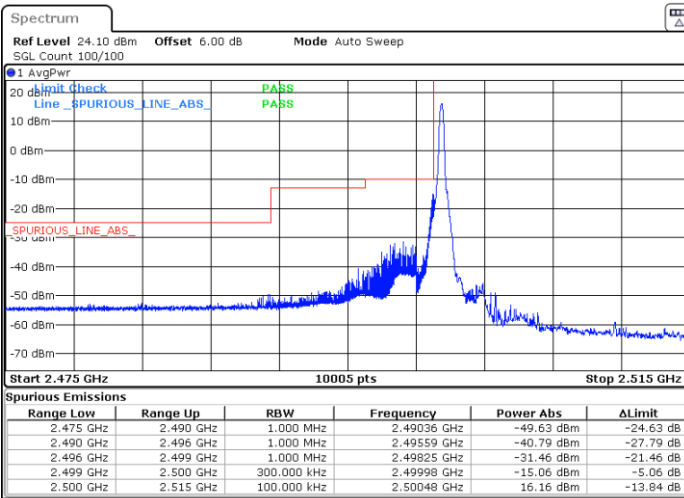
Date: 3 FEB 2022 02:55:05



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

Lowest Band Edge / 1RB0

Highest Band Edge / 1RBMAX

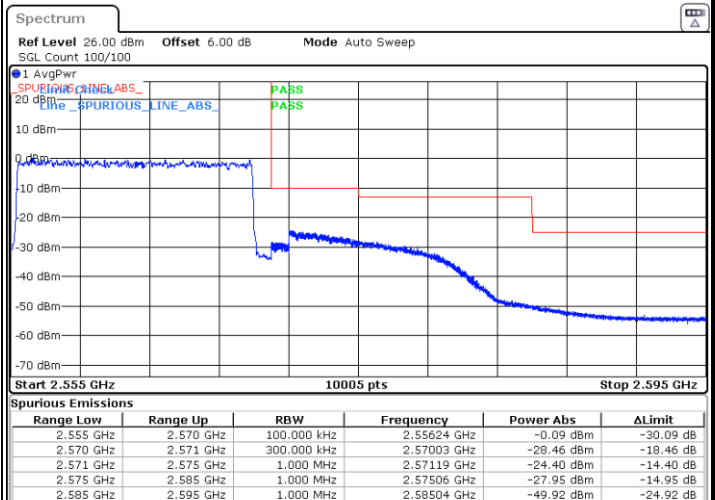
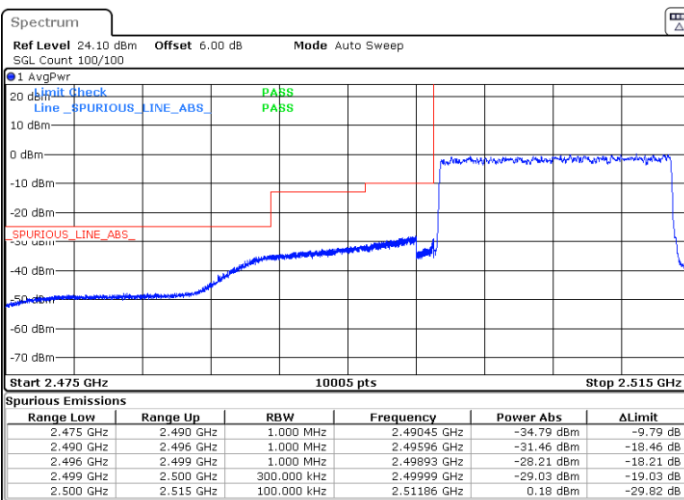


Date: 3 FEB 2022 02:50:06

Date: 3 FEB 2022 02:58:25

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 3 FEB 2022 02:47:58

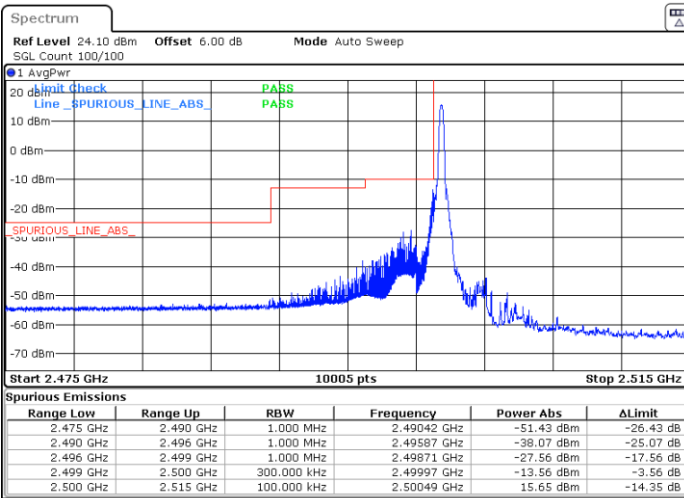
Date: 3 FEB 2022 02:55:28



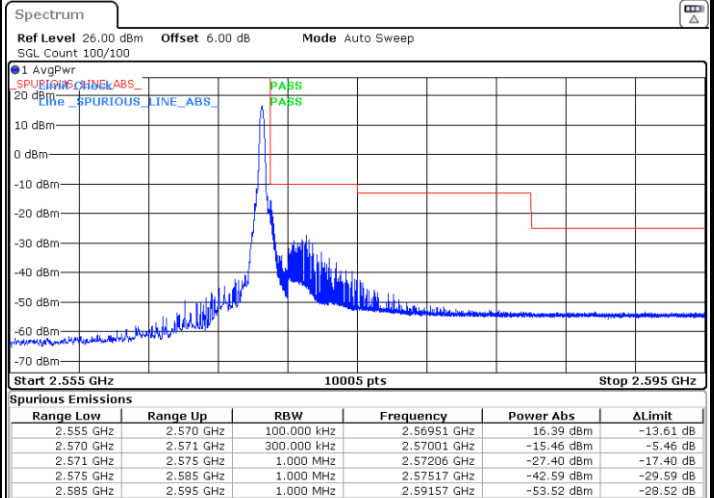
FR1 n7 / 15MHz / DFT-s-OFDM / 16QAM

Lowest Band Edge / 1RB0

Highest Band Edge / 1RBMAX



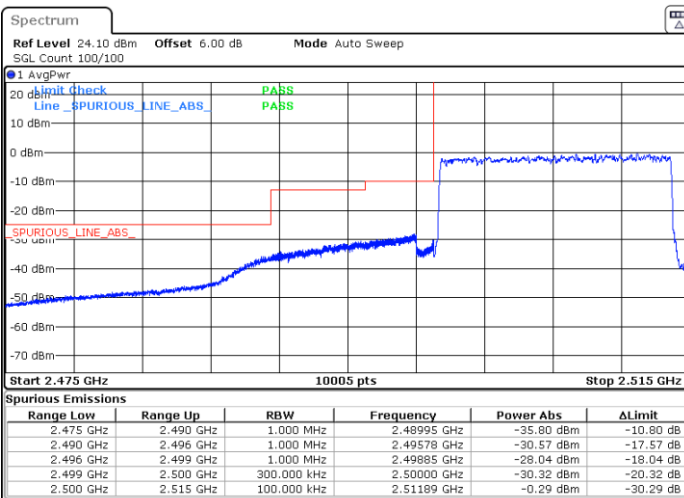
Date: 3 FEB 2022 02:49:49



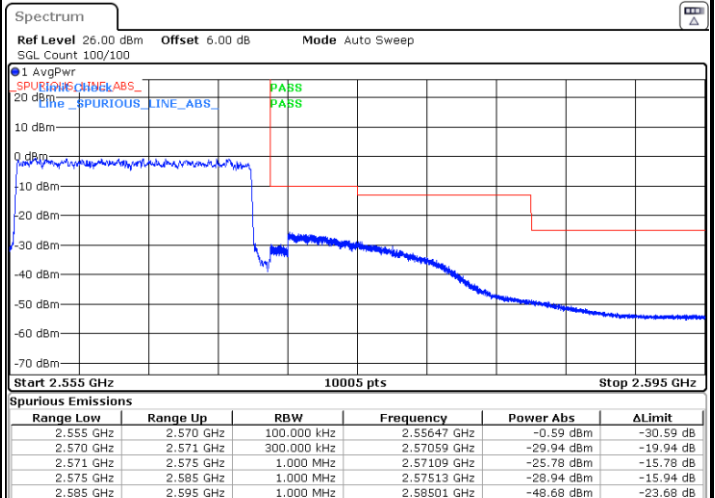
Date: 3 FEB 2022 02:58:08

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 3 FEB 2022 02:48:16



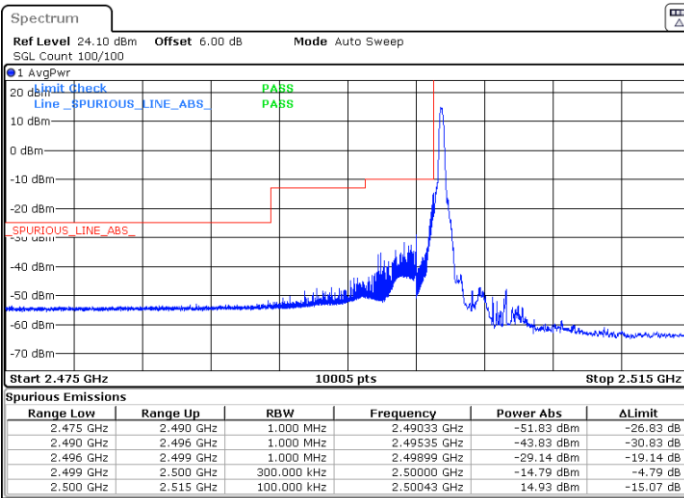
Date: 3 FEB 2022 02:55:47



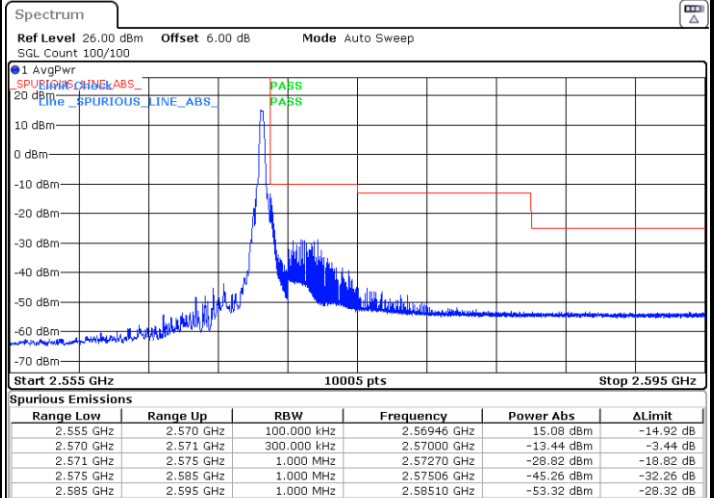
FR1 n7 / 15MHz / DFT-s-OFDM / 64QAM

Lowest Band Edge / 1RB0

Highest Band Edge / 1RBMAX



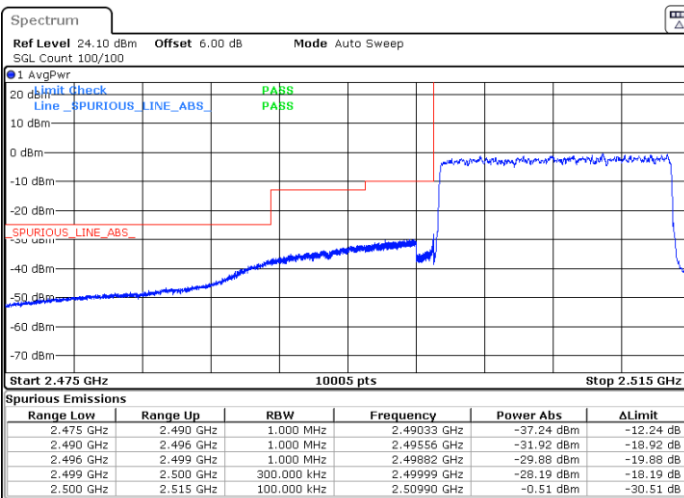
Date: 3 FEB 2022 02:49:32



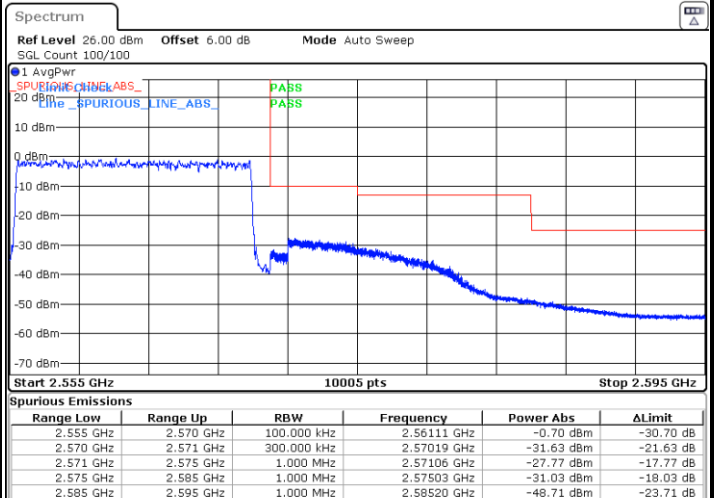
Date: 3 FEB 2022 02:57:52

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 3 FEB 2022 02:48:33



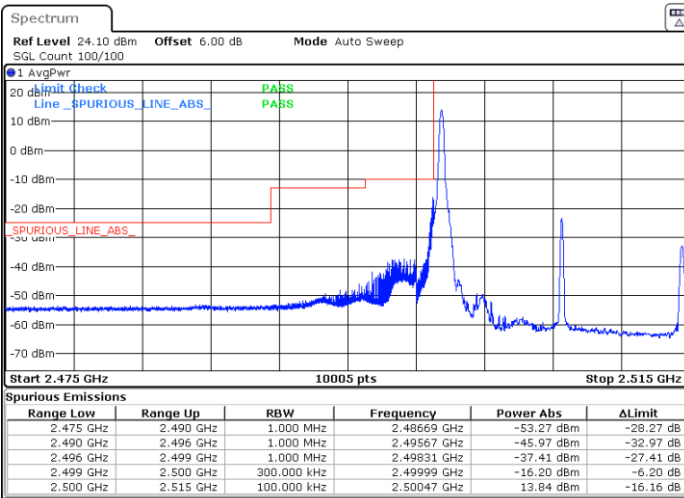
Date: 3 FEB 2022 02:56:11



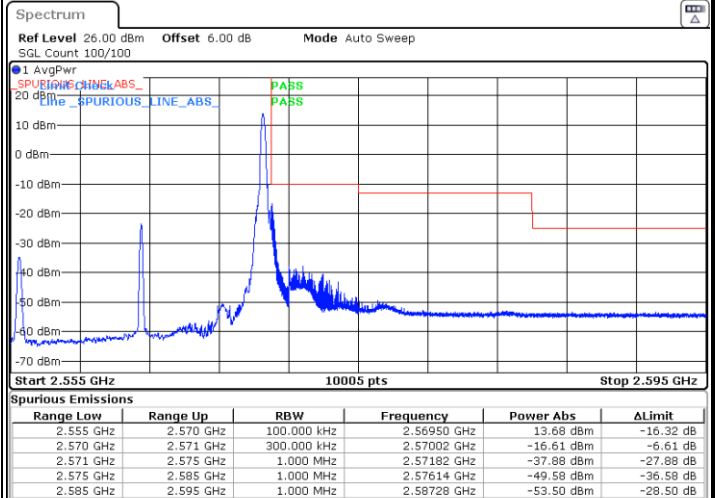
FR1 n7 / 15MHz / DFT-s-OFDM / 256QAM

Lowest Band Edge / 1RB0

Highest Band Edge / 1RBMAX



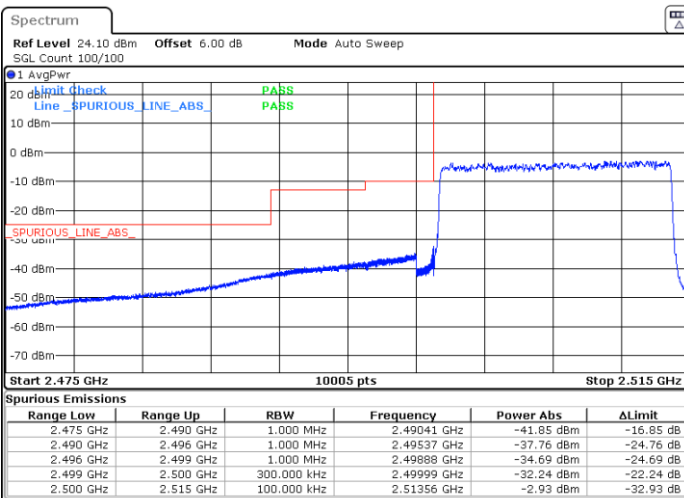
Date: 3 FEB 2022 02:49:14



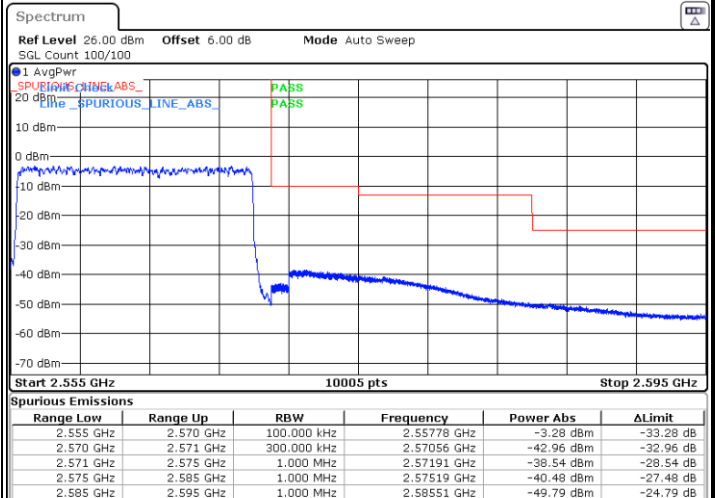
Date: 3 FEB 2022 02:57:22

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 3 FEB 2022 02:48:53



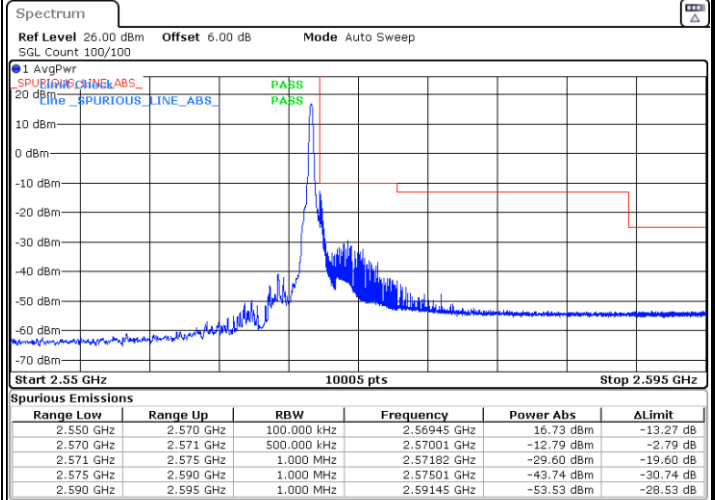
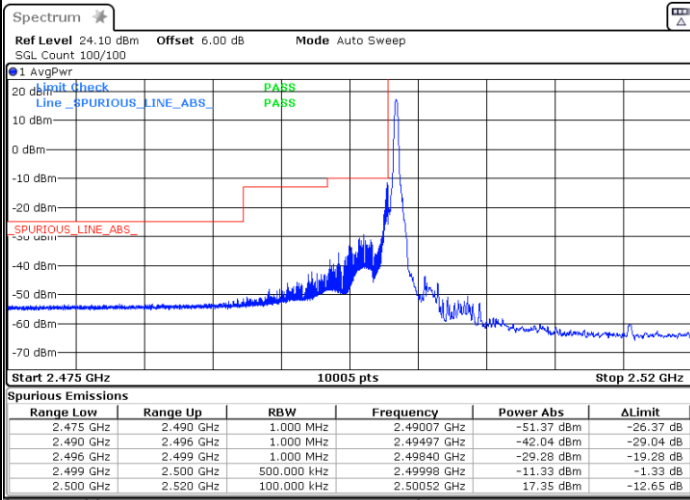
Date: 3 FEB 2022 02:56:43



FR1 n7 / 20MHz / DFT-s-OFDM / PI/2 BPSK

Lowest Band Edge / 1RB0

Highest Band Edge / 1RBMAX

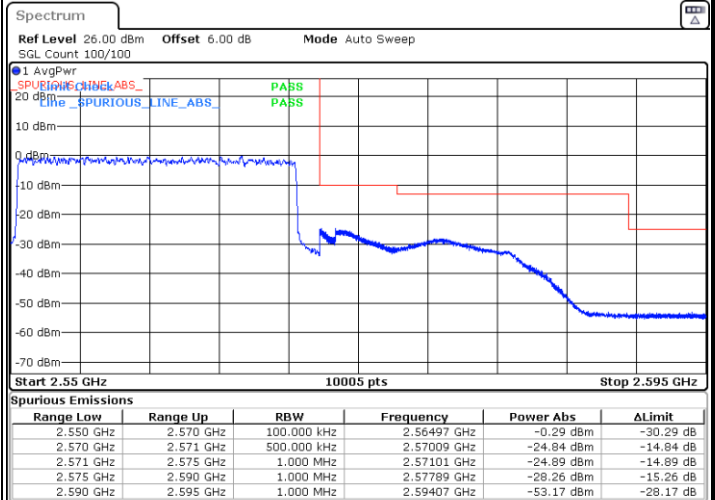
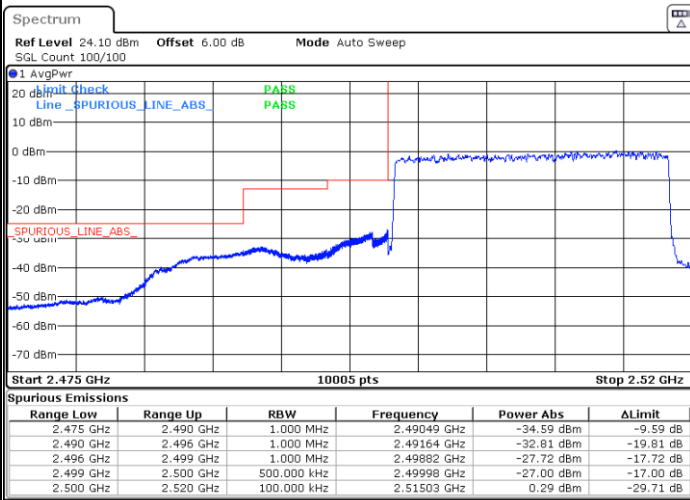


Date: 3 FEB 2022 06:49:06

Date: 3 FEB 2022 06:57:02

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 3 FEB 2022 06:46:06

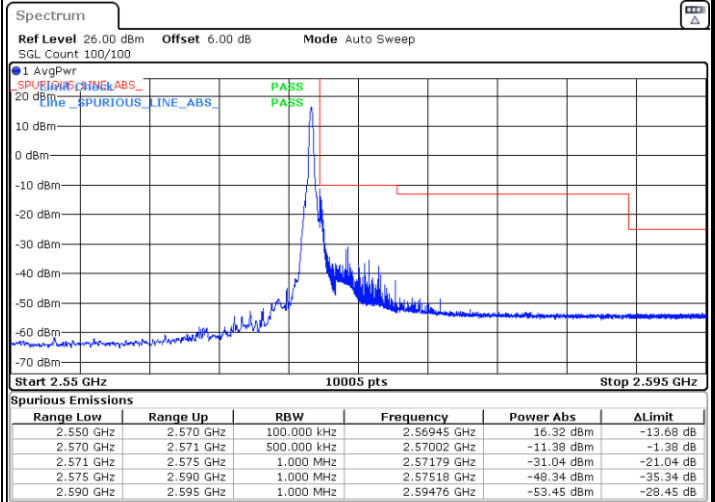
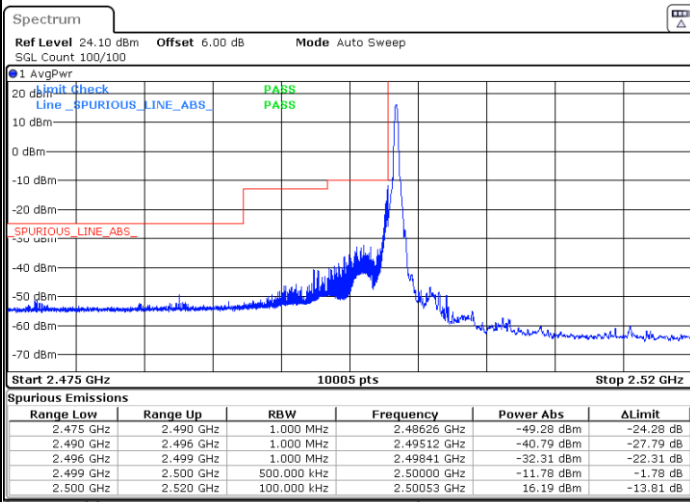
Date: 3 FEB 2022 06:54:06



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

Lowest Band Edge / 1RB0

Highest Band Edge / 1RBMAX

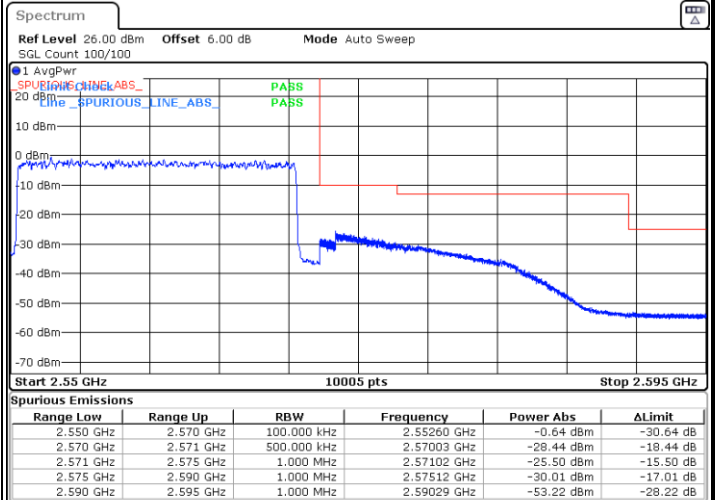
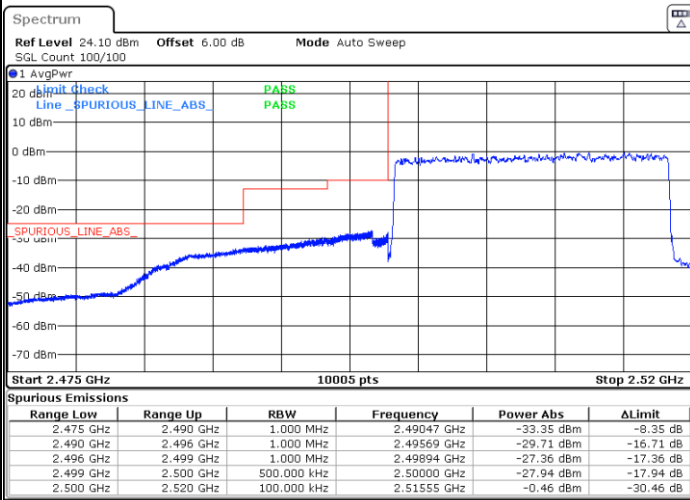


Date: 3 FEB 2022 06:48:37

Date: 3 FEB 2022 06:56:42

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 3 FEB 2022 06:46:25

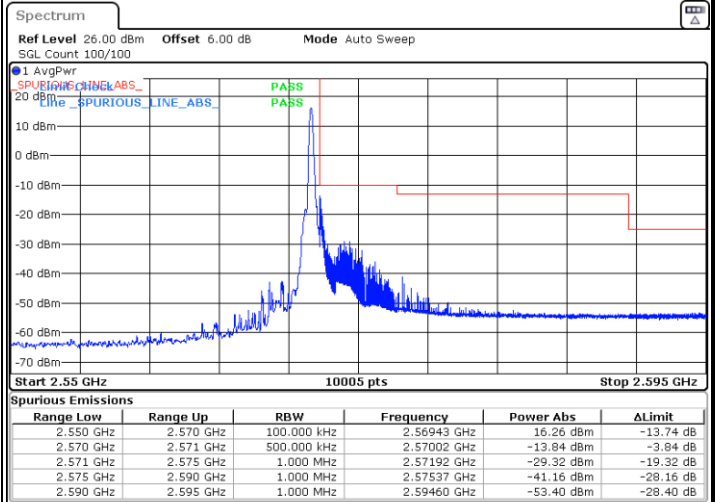
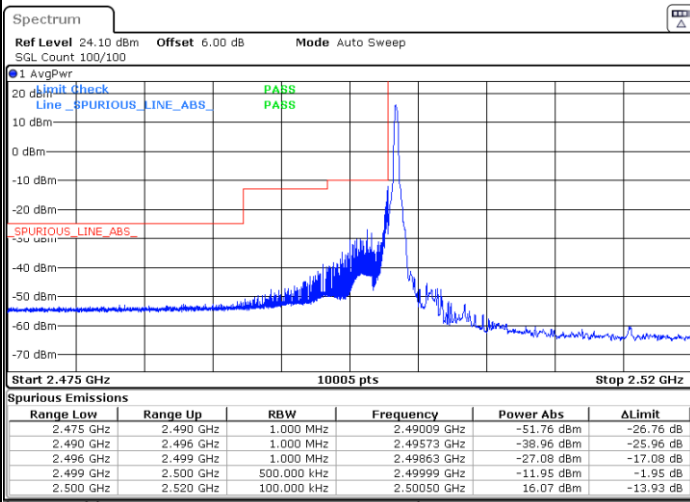
Date: 3 FEB 2022 06:54:22



FR1 n7 / 20MHz / DFT-s-OFDM / 16QAM

Lowest Band Edge / 1RB0

Highest Band Edge / 1RBMAX

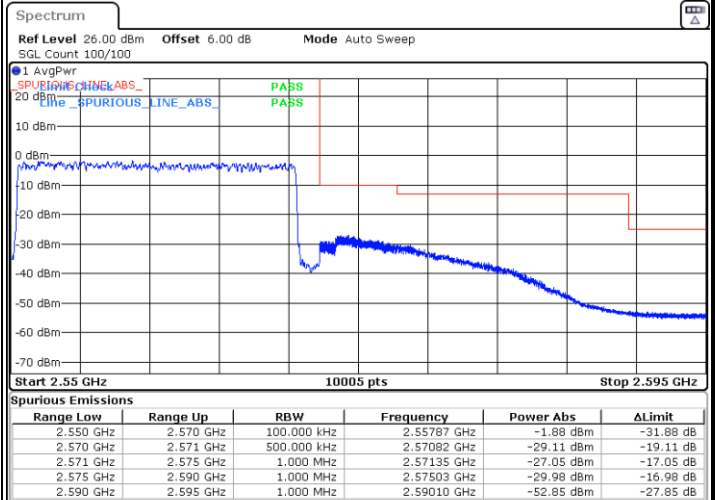
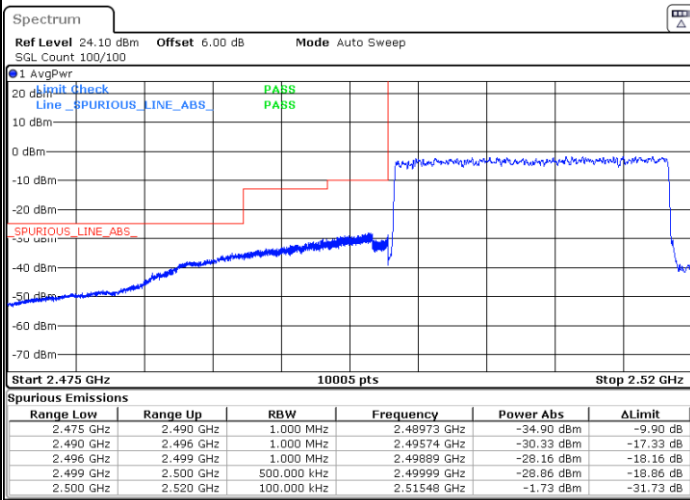


Date: 3 FEB 2022 06:48:20

Date: 3 FEB 2022 06:56:24

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 3 FEB 2022 06:46:43

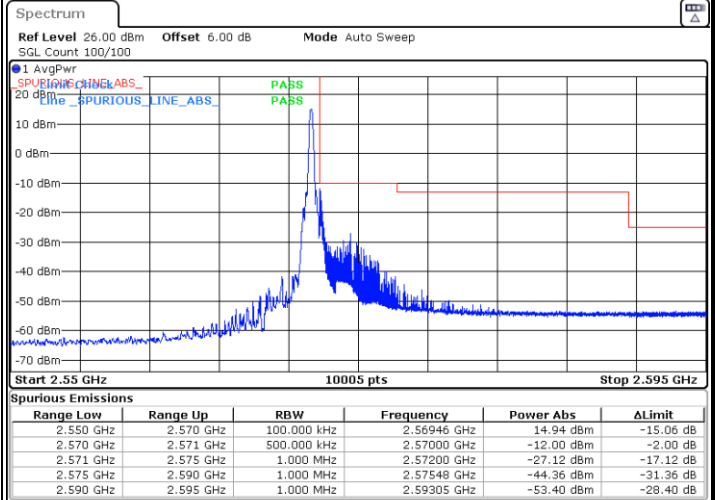
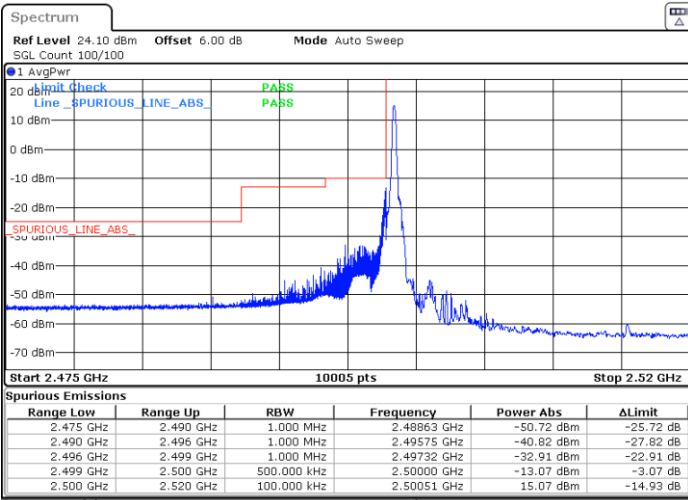
Date: 3 FEB 2022 06:54:41



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

Lowest Band Edge / 1RB0

Highest Band Edge / 1RBMAX

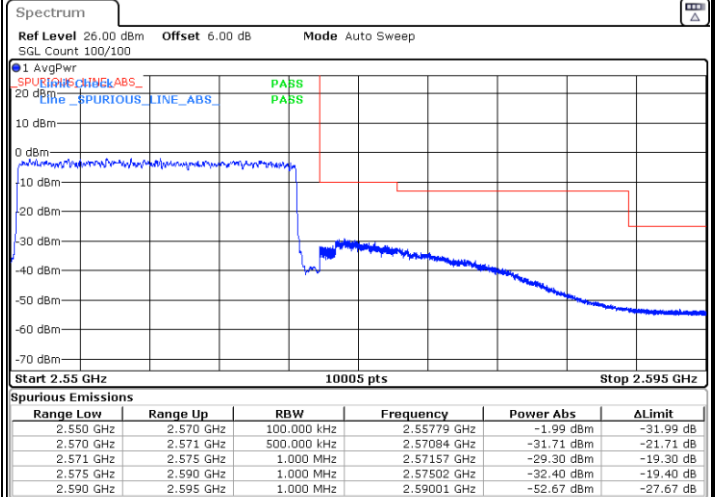
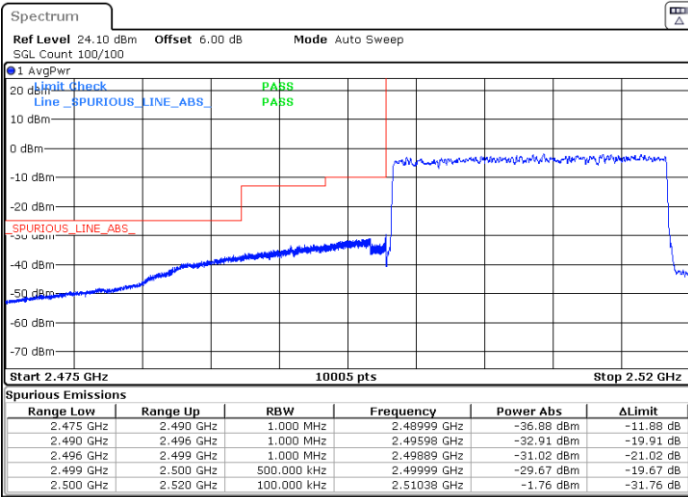


Date: 3 FEB 2022 06:48:01

Date: 3 FEB 2022 06:56:08

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 3 FEB 2022 06:47:01

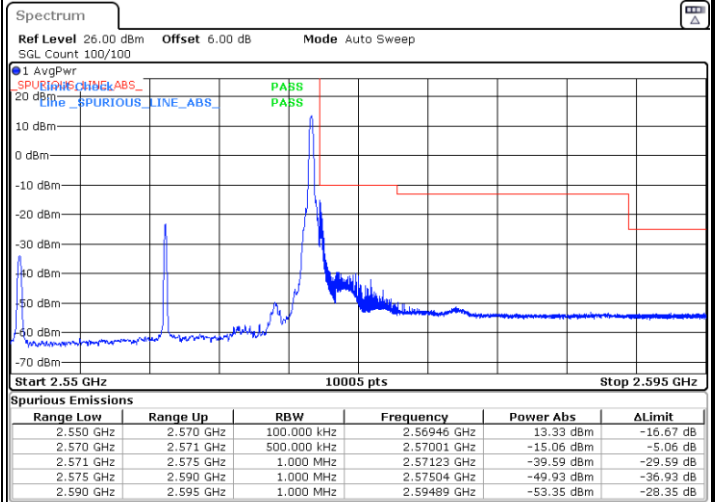
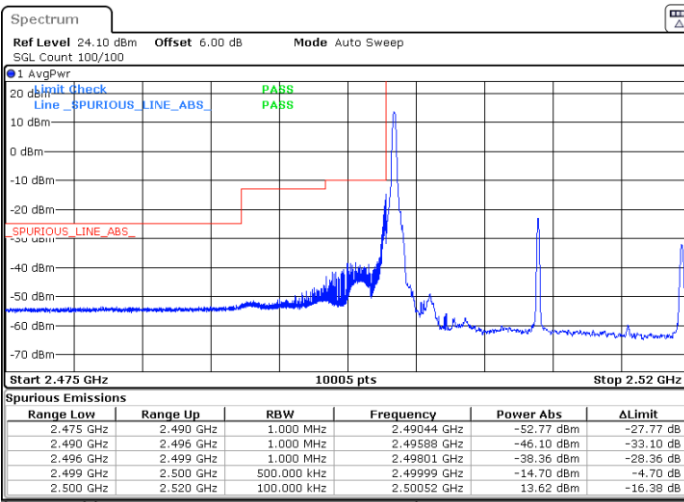
Date: 3 FEB 2022 06:54:59



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

Lowest Band Edge / 1RB0

Highest Band Edge / 1RBMAX

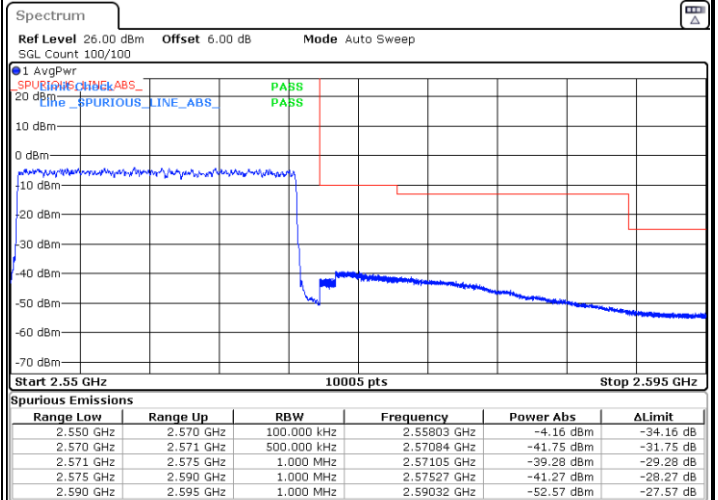
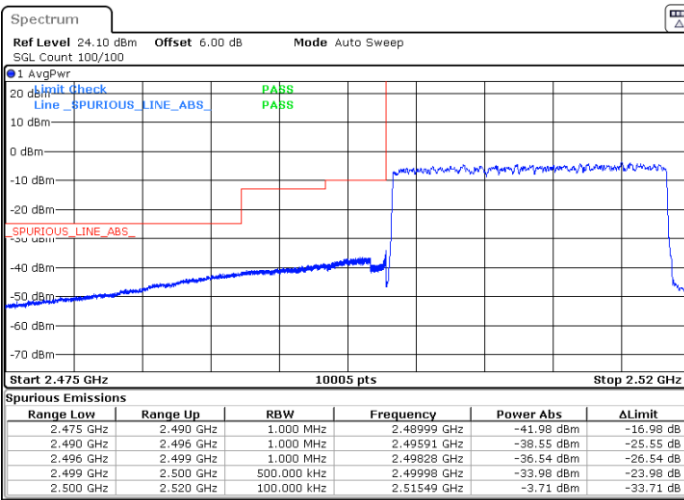


Date: 3 FEB 2022 06:47:43

Date: 3 FEB 2022 06:55:47

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 3 FEB 2022 06:47:23

Date: 3 FEB 2022 06:55:20