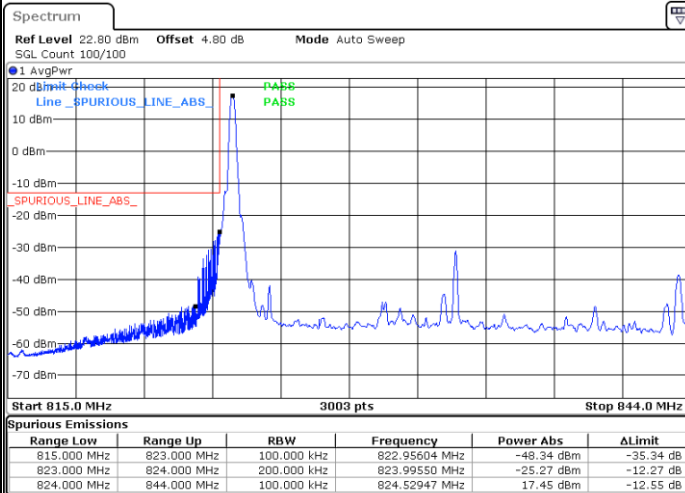




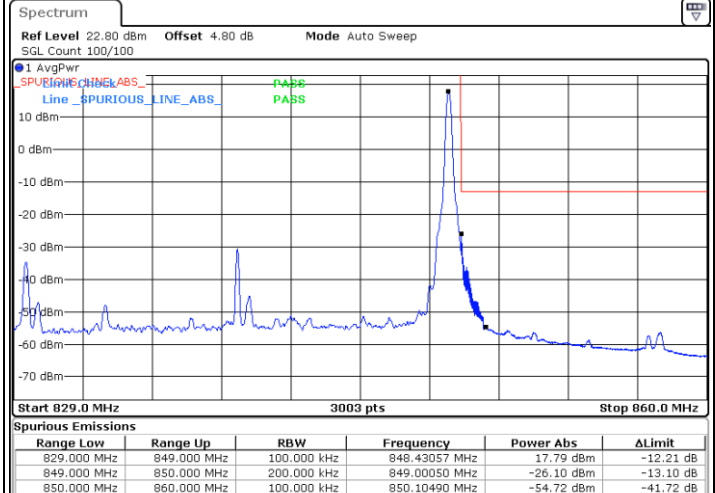
FR1 n5/ 20MHz / DFT-s-OFDM / 256QAM

Lowest Band Edge / 1RB0

Highest Band Edge / 1RBMAX



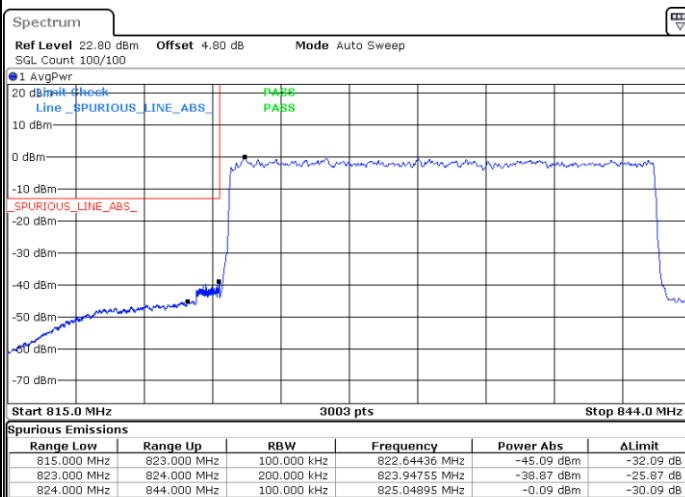
Date: 18.MAR.2022 15:37:46



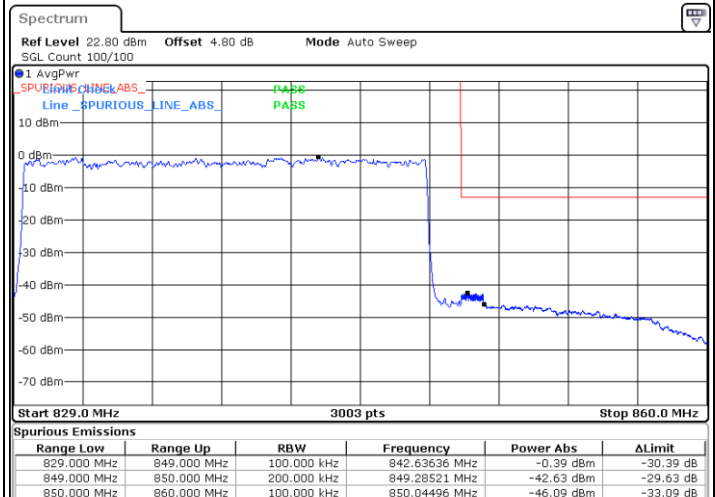
Date: 18.MAR.2022 16:09:15

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 18.MAR.2022 15:36:49



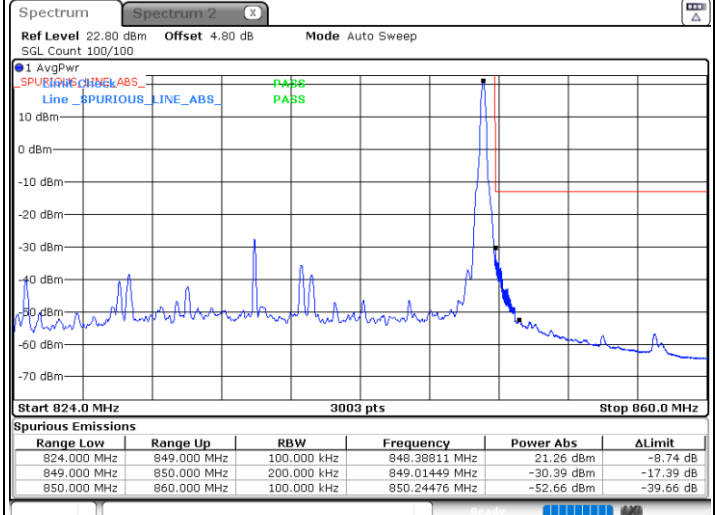
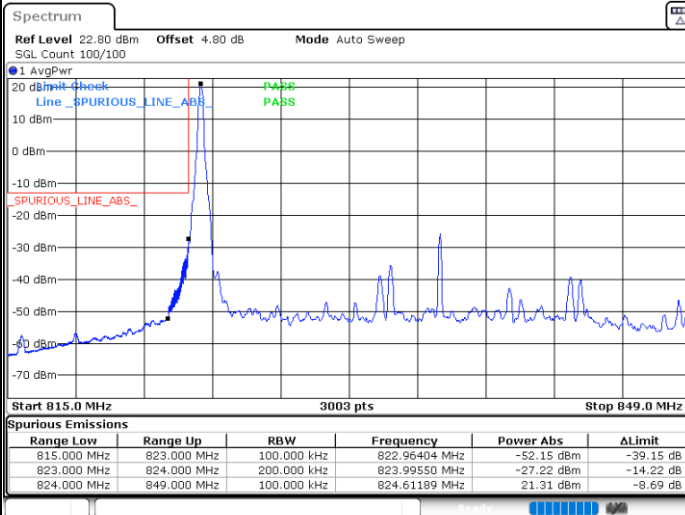
Date: 18.MAR.2022 16:10:10



FR1 n5 / 25MHz / DFT-s-OFDM / PI/2 BPSK

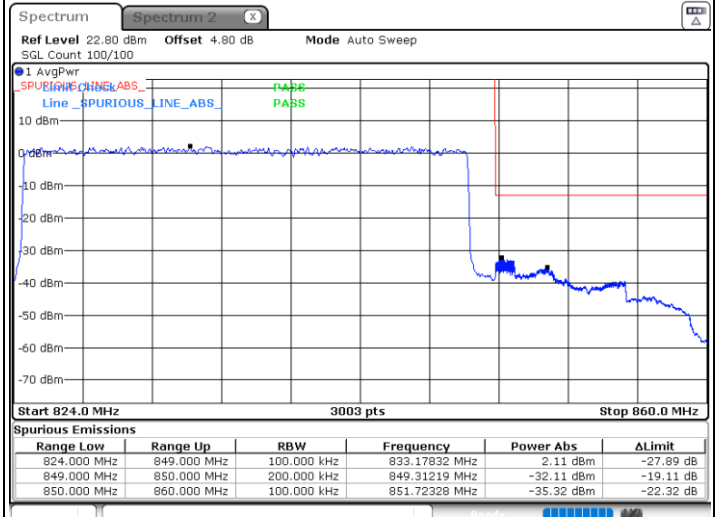
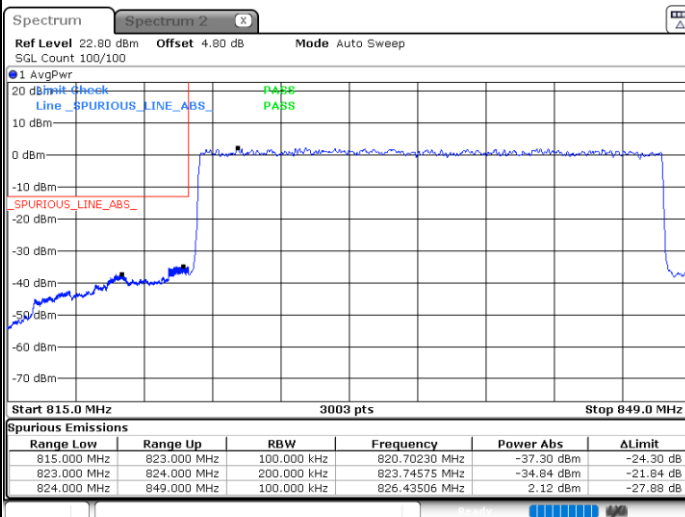
Lowest Band Edge / 1RB0

Highest Band Edge / 1RBMAX



Lowest Band Edge / Full RB

Highest Band Edge / Full RB

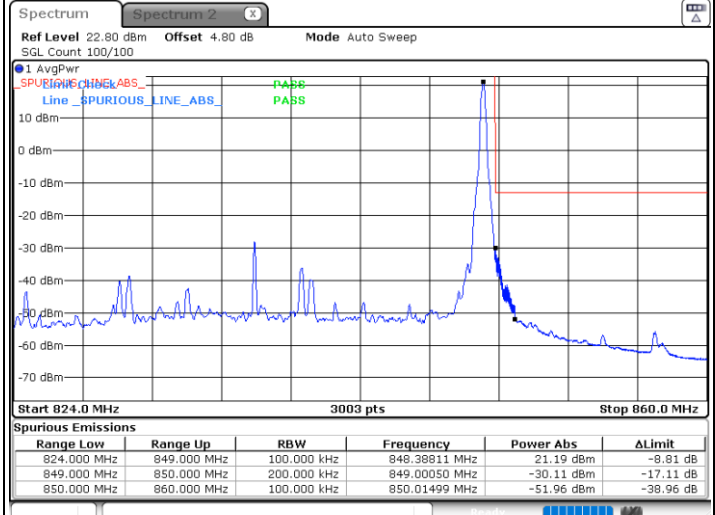
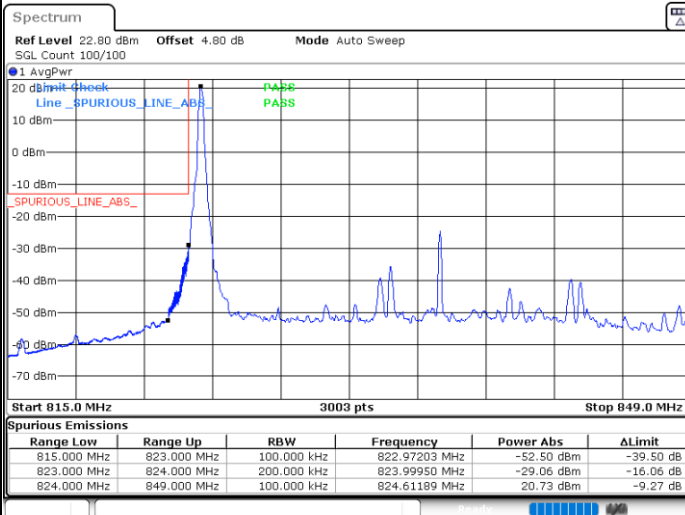




FR1 n5/ 25MHz / DFT-s-OFDM / QPSK

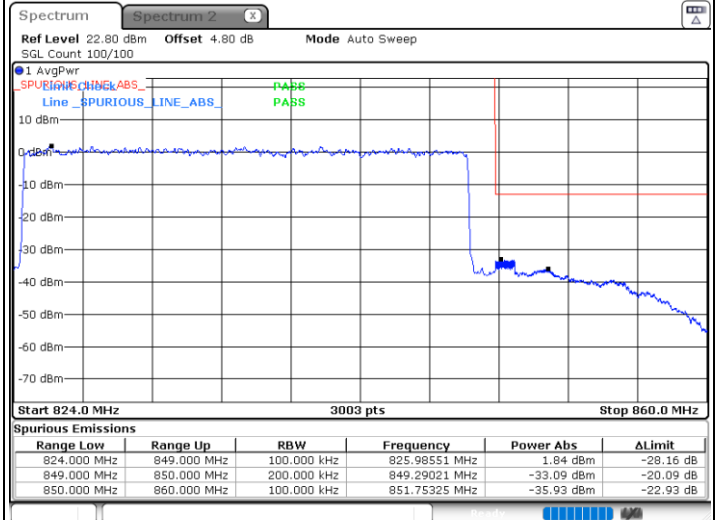
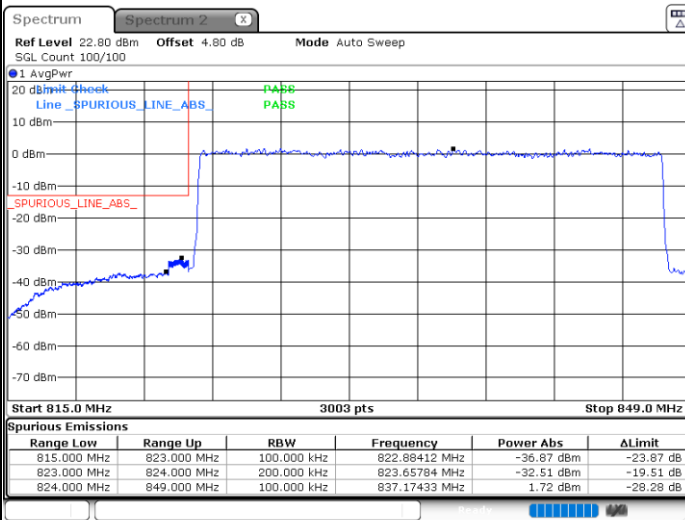
Lowest Band Edge / 1RB0

Highest Band Edge / 1RBMAX



Lowest Band Edge / Full RB

Highest Band Edge / Full RB

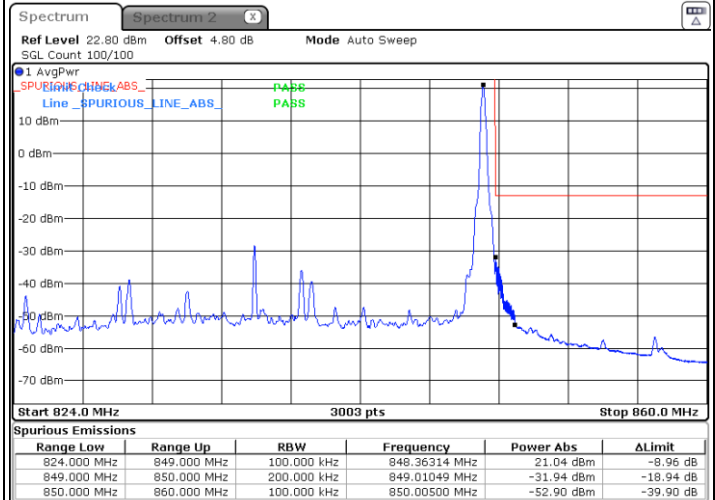
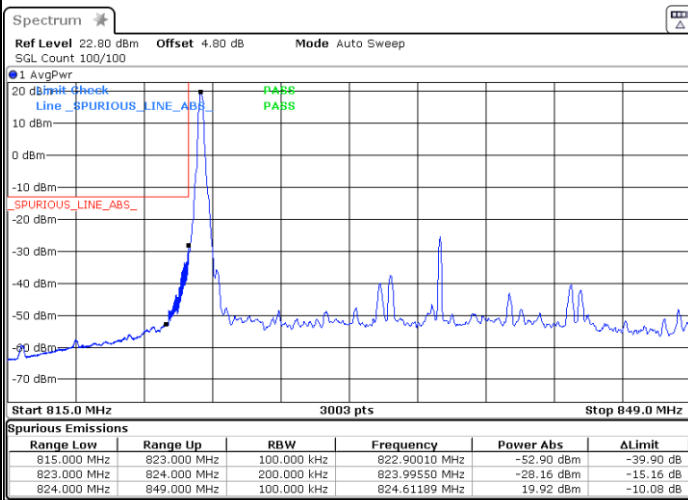




FR1 n5/ 25MHz / DFT-s-OFDM / 16QAM

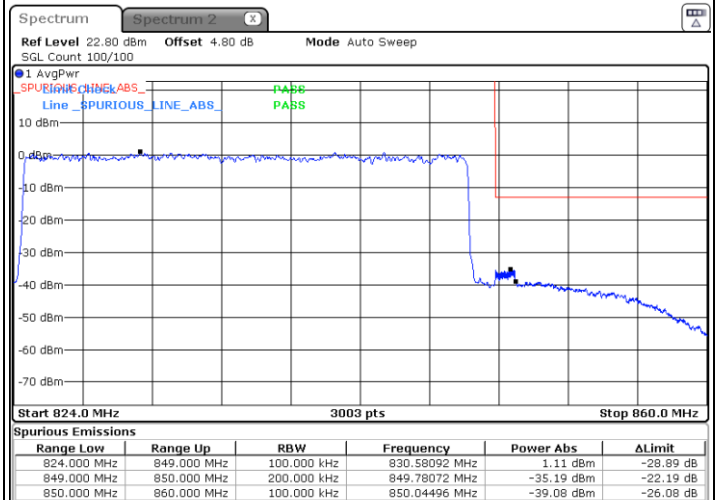
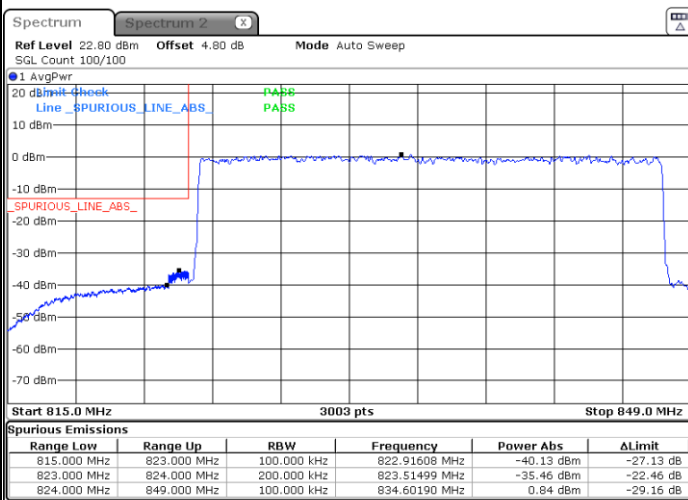
Lowest Band Edge / 1RB0

Highest Band Edge / 1RBMAX



Lowest Band Edge / Full RB

Highest Band Edge / Full RB

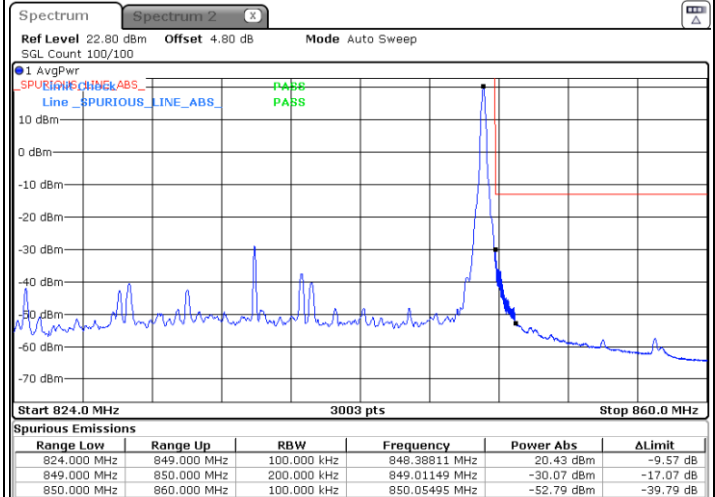
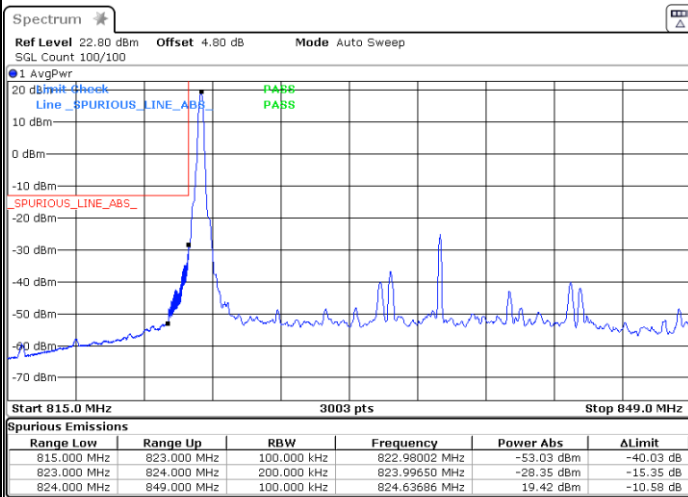




FR1 n5/ 25MHz / DFT-s-OFDM / 64QAM

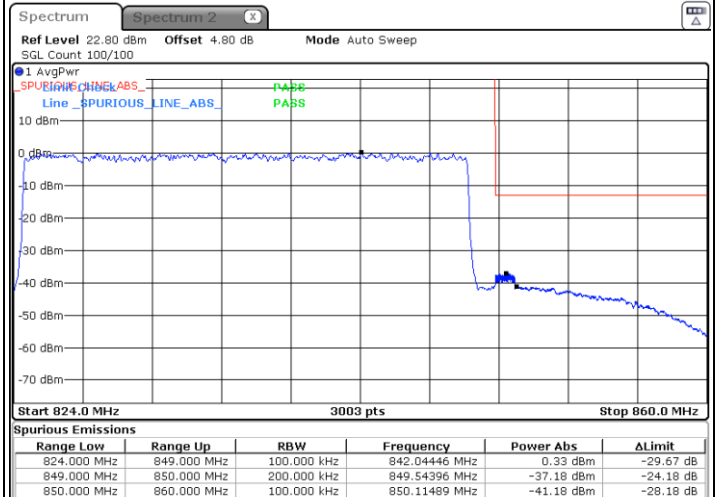
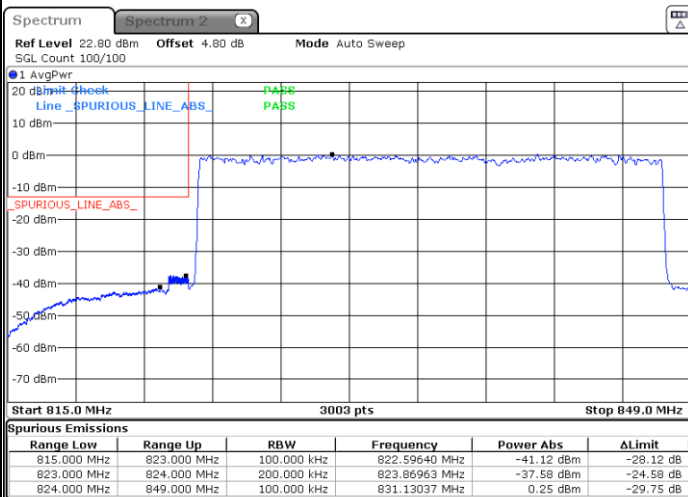
Lowest Band Edge / 1RB0

Highest Band Edge / 1RBMAX



Lowest Band Edge / Full RB

Highest Band Edge / Full RB

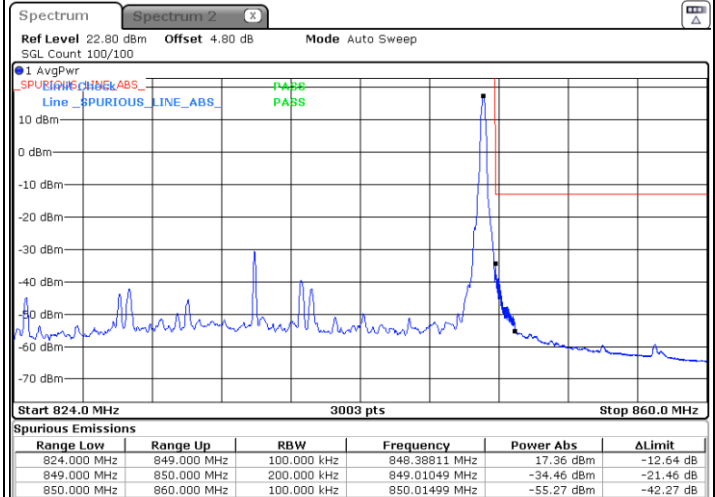
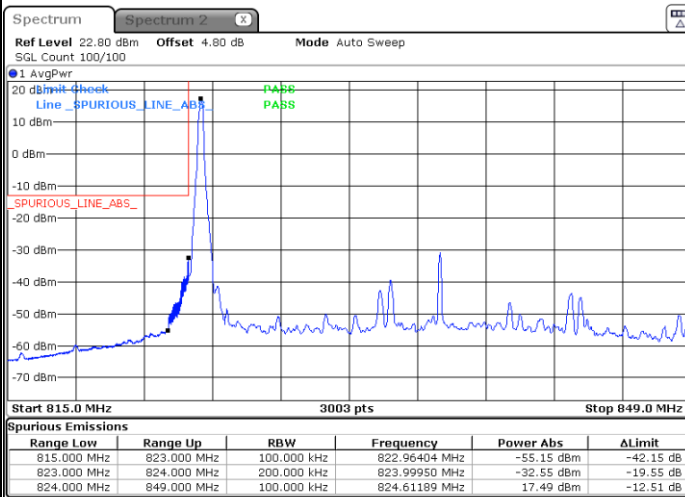




FR1 n5/ 25MHz / DFT-s-OFDM / 256QAM

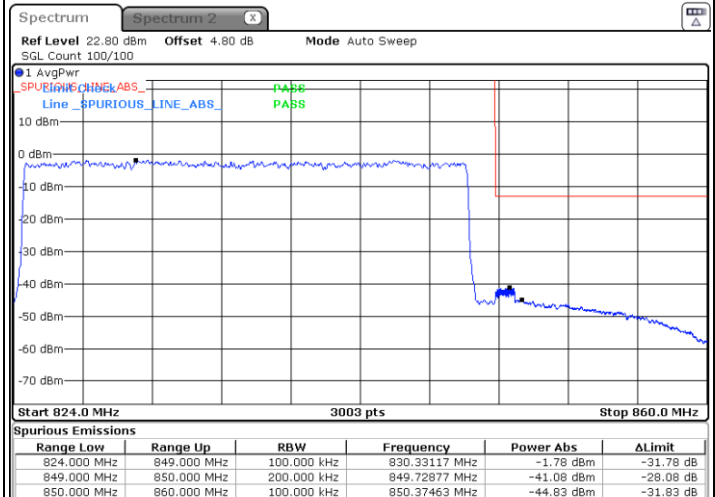
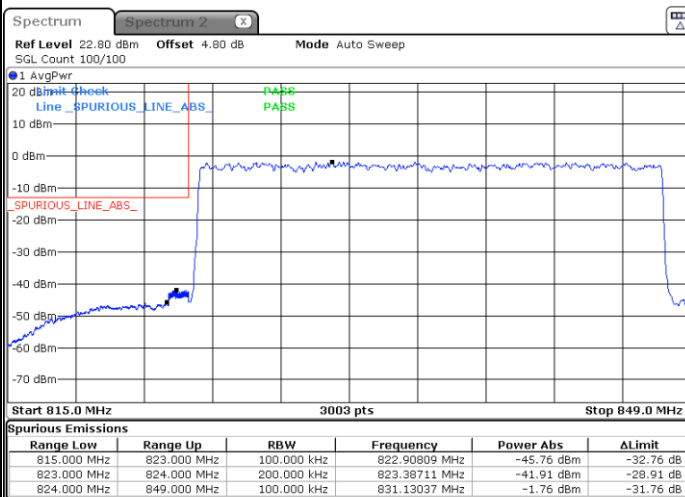
Lowest Band Edge / 1RB0

Highest Band Edge / 1RBMAX



Lowest Band Edge / Full RB

Highest Band Edge / Full RB

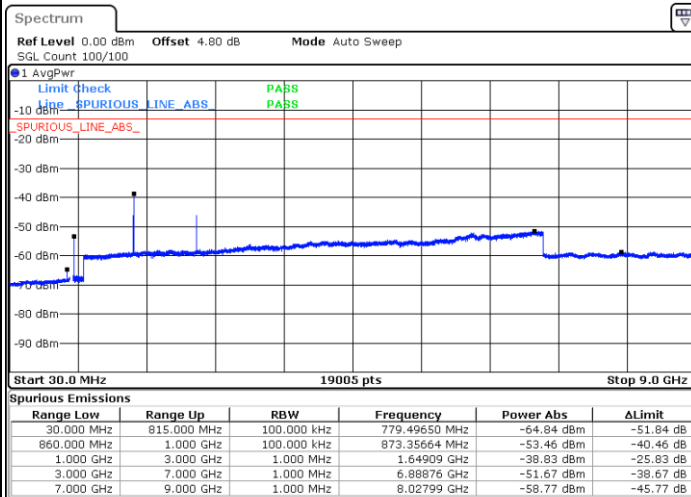




Conducted Spurious Emission

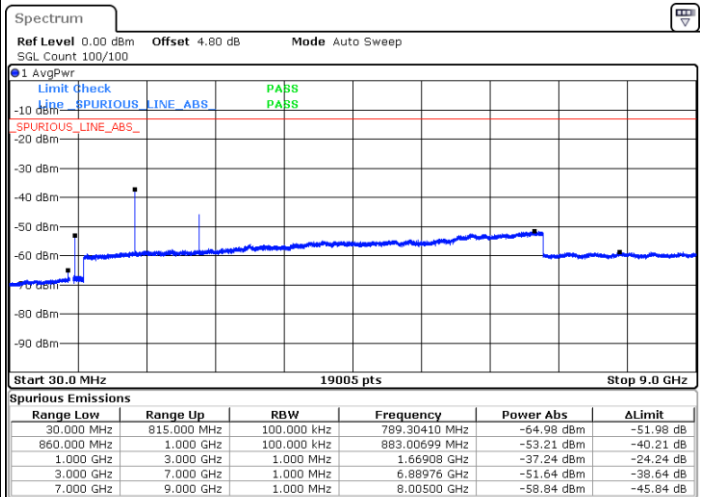
FR1 n5 / 5MHz / DFT-S OFDM / QPSK

Lowest Channel / 1RB1



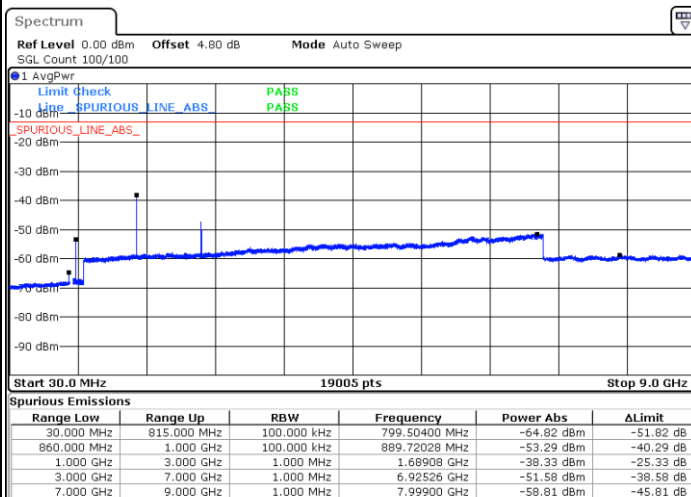
Date: 18.MAR.2022 17:54:30

Middle Channel / 1RB1



Date: 18.MAR.2022 17:55:57

Highest Channel / 1RB1

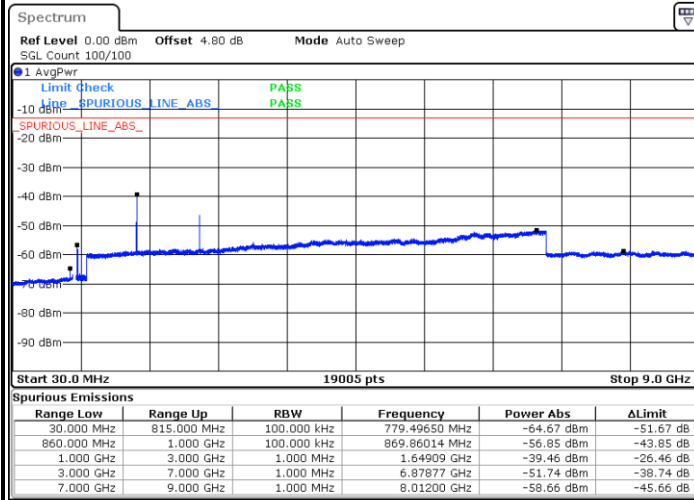


Date: 18.MAR.2022 17:57:23



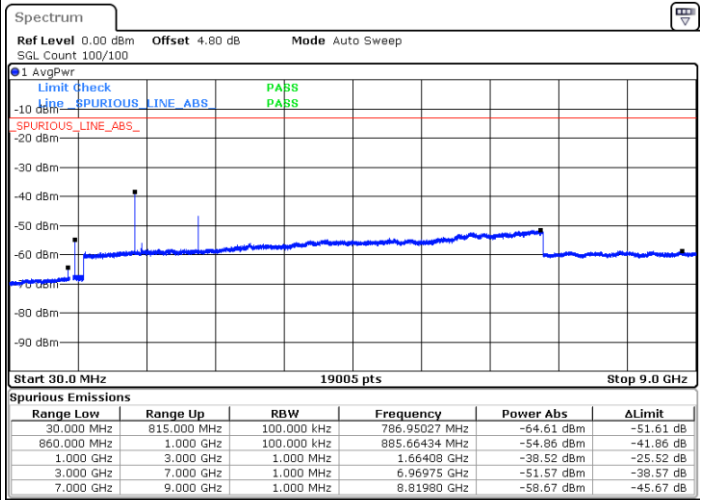
FR1 n5/ 10MHz / DFT-S OFDM / QPSK

Lowest Channel / 1RB1



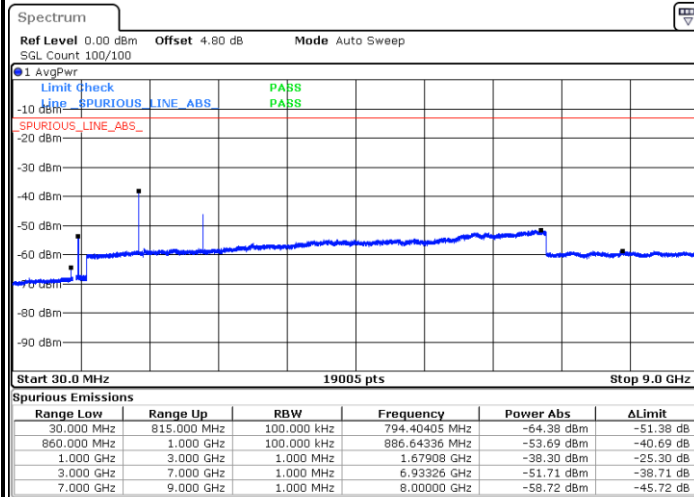
Date: 18.MAR.2022 17:27:04

Middle Channel / 1RB1



Date: 18.MAR.2022 17:29:15

Highest Channel / 1RB1

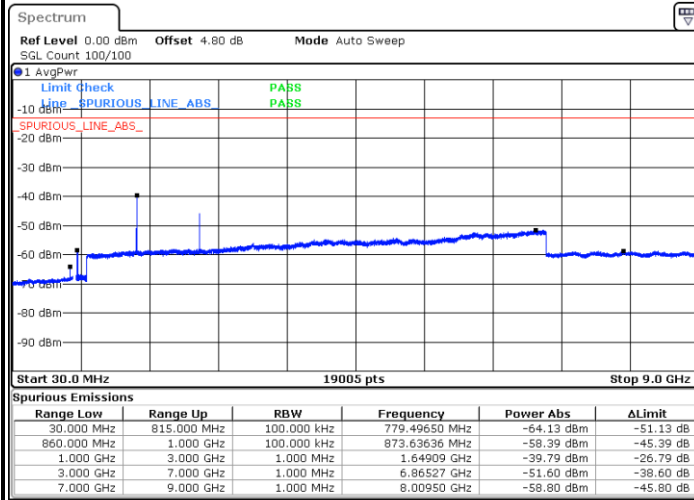


Date: 18.MAR.2022 17:30:42



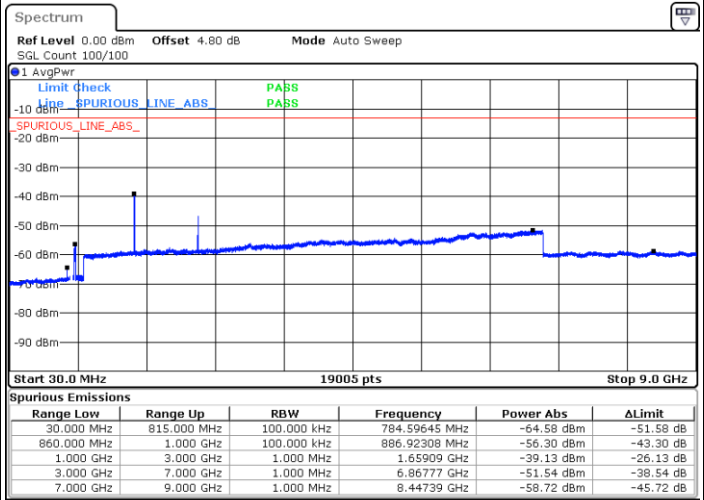
FR1 n5 / 15MHz / DFT-S OFDM / QPSK

Lowest Channel / 1RB1



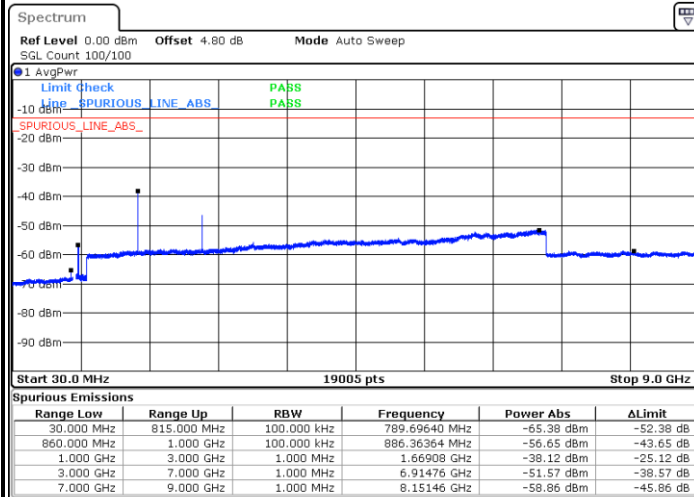
Date: 18.MAR.2022 16:21:34

Middle Channel / 1RB1



Date: 18.MAR.2022 16:27:43

Highest Channel / 1RB1

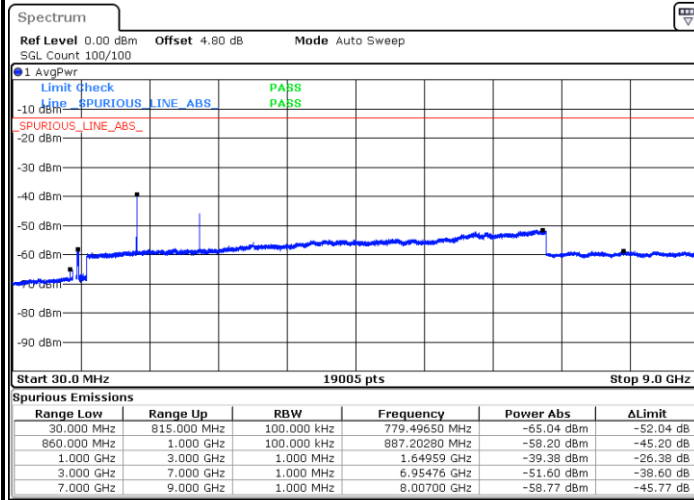


Date: 18.MAR.2022 16:28:51



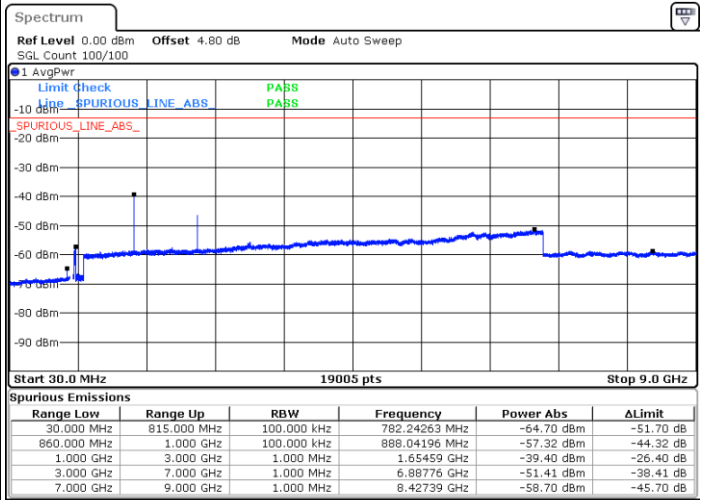
FR1 n5 / 20MHz / DFT-S OFDM / QPSK

Lowest Channel / 1RB1



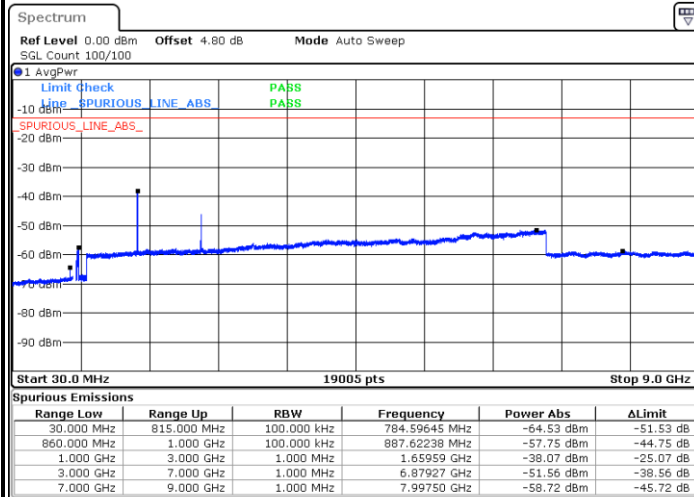
Date: 18.MAR.2022 15:57:17

Middle Channel / 1RB1



Date: 18.MAR.2022 15:58:44

Highest Channel / 1RB1

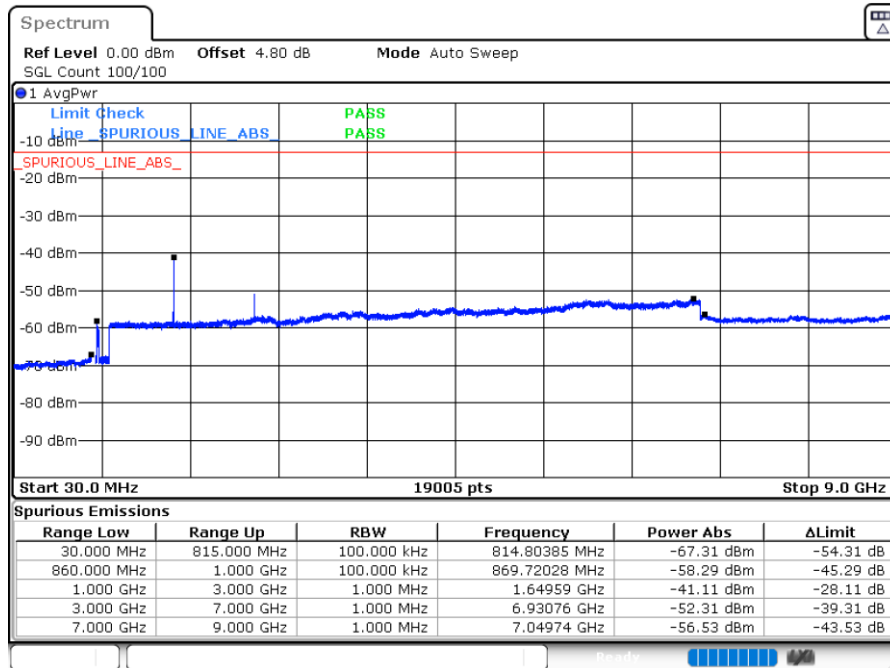


Date: 18.MAR.2022 15:59:27



FR1 n5 / 25MHz / DFT-S OFDM / QPSK

Middle Channel / 1RB1



Date: 22.MAR.2022 02:14:48

**Frequency Stability**

Test Conditions		FR1 n5 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 20MHz	2.5ppm
		Deviation (ppm)	Result
50	Normal Voltage	0.0030	PASS
40	Normal Voltage	0.0024	
30	Normal Voltage	0.0012	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0009	
0	Normal Voltage	0.0021	
-10	Normal Voltage	0.0036	
-20	Normal Voltage	0.0027	
-30	Normal Voltage	0.0018	
20	Maximum Voltage	0.0021	
20	Normal Voltage	0.0012	
20	Battery End Point	0.0033	

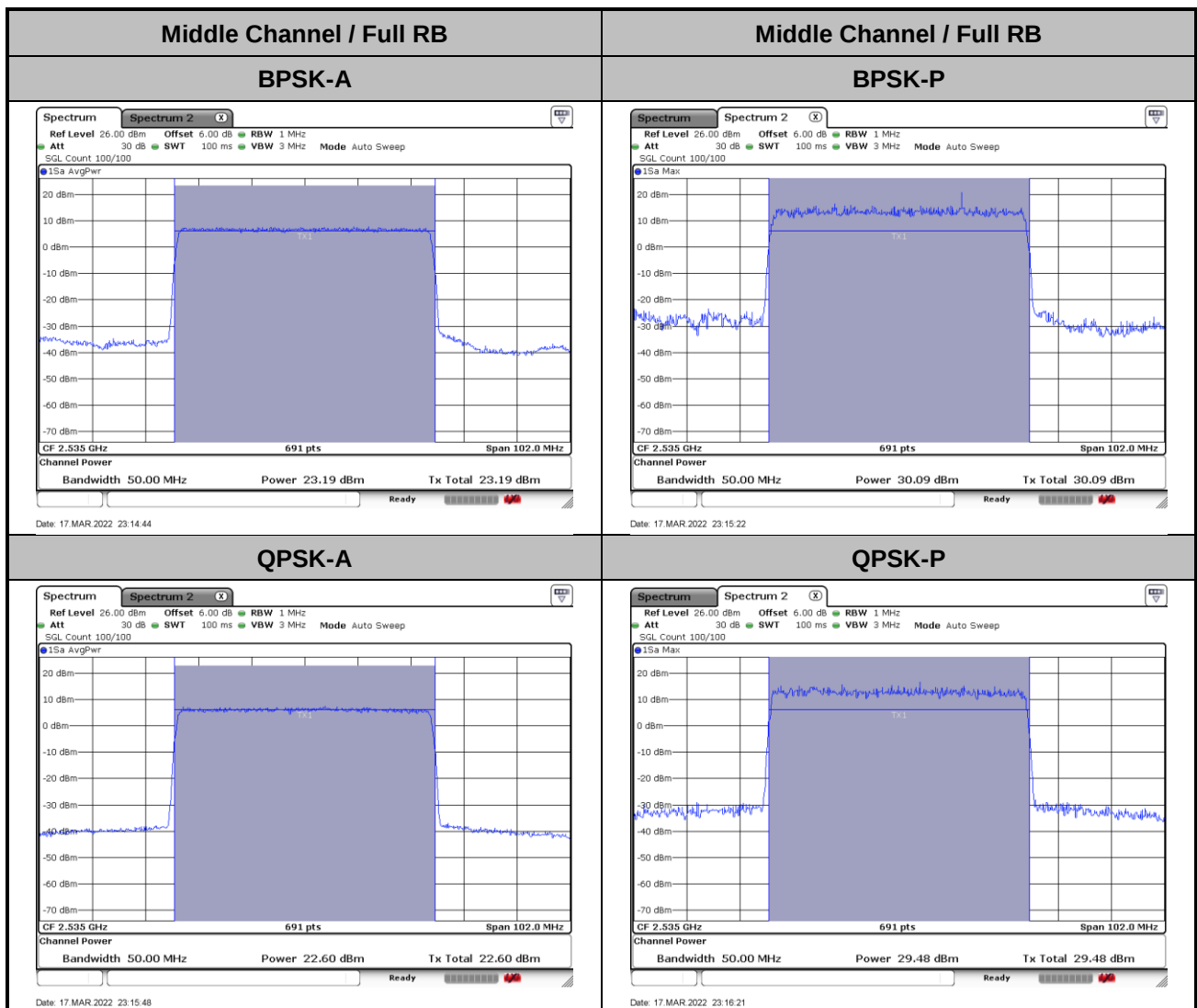
Note: Normal Voltage =3.87 V. ; Battery End Point (BEP) =3.6 V. ; Maximum Voltage =4.45 V.



FR1 n7(SCS 15kHz)

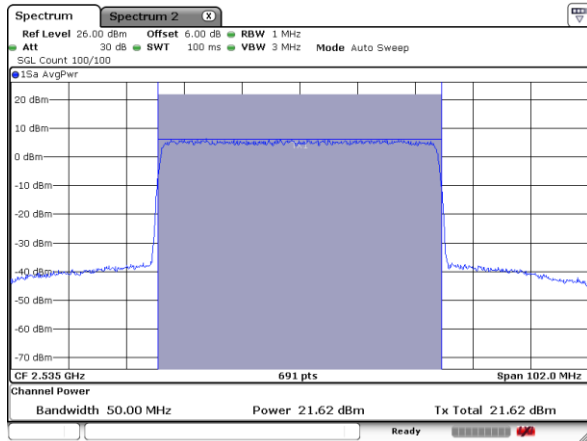
Peak-to-Average Ratio

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	6.90	6.88	6.94	7.09	PASS
Mod.	256QAM	-			Limit: 13dB
RB Size	Full RB				Result
Middle CH	6.95				PASS



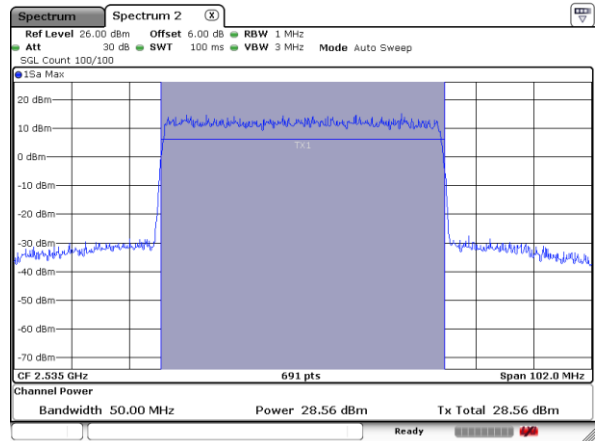


16QAM-A



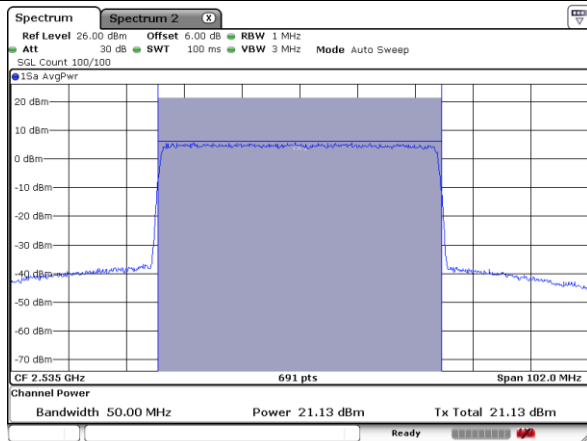
Date: 17 MAR 2022 23:16:50

16QAM-P



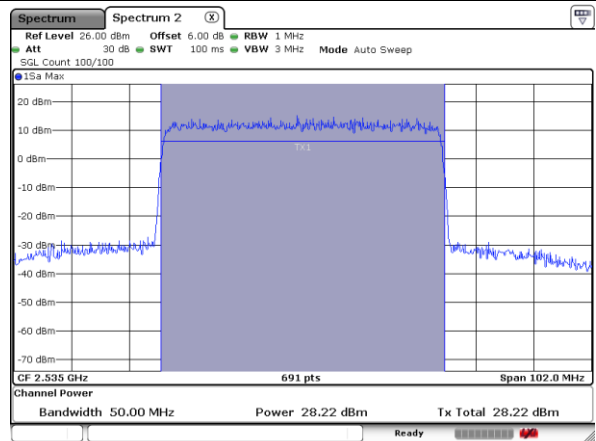
Date: 17 MAR 2022 23:17:16

64QAM-A



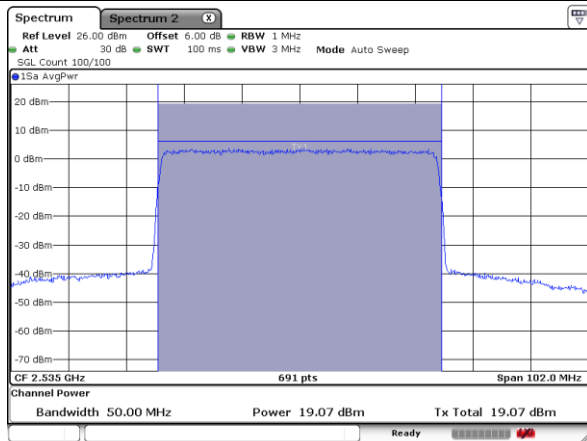
Date: 17 MAR 2022 23:17:45

64QAM-P



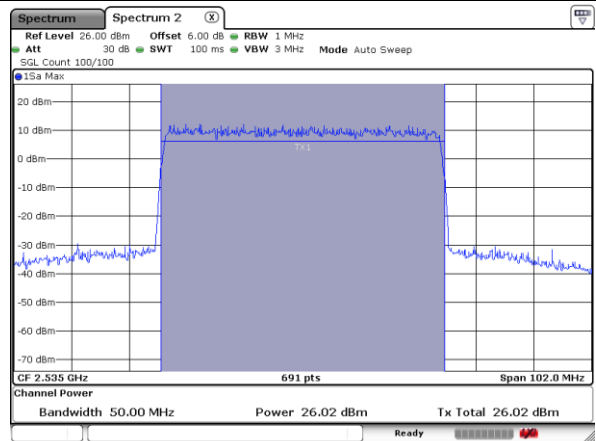
Date: 17 MAR 2022 23:18:12

256QAM-A



Date: 17 MAR 2022 23:18:43

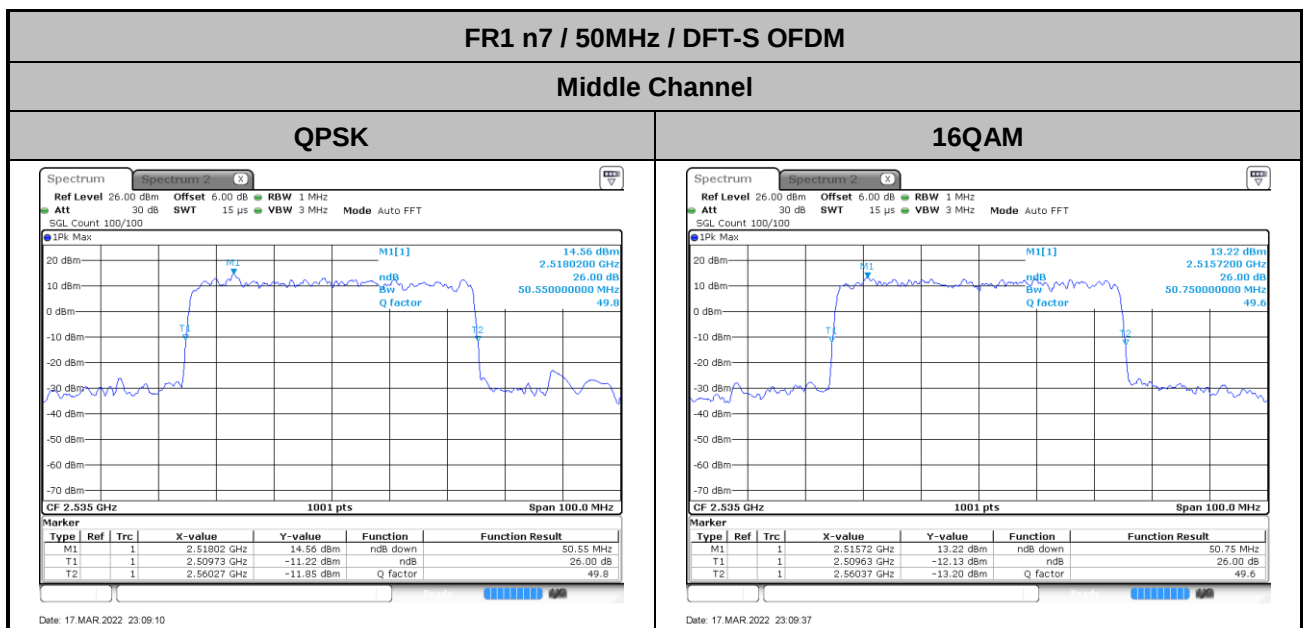
256QAM-P



Date: 17 MAR 2022 23:19:11

**26dB Bandwidth**

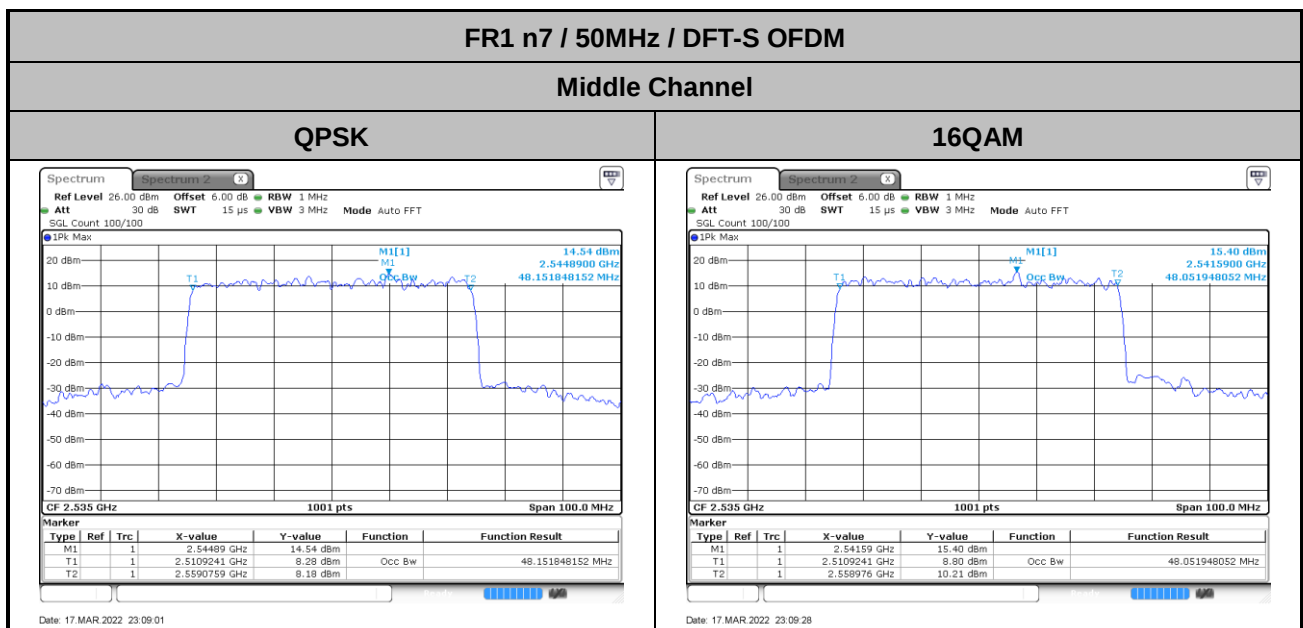
Mode	FR1 n7 : 26dB BW(MHz) / DFT-S OFDM	
BW	50M	
Mod.	QPSK	16QAM
Middle CH	50.55	50.75

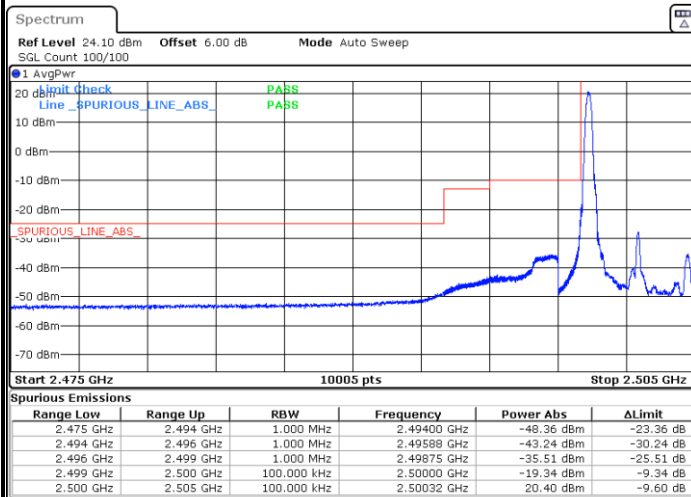
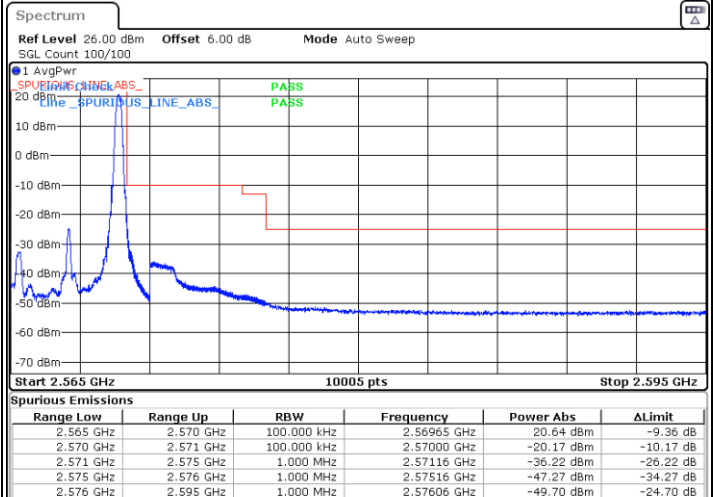
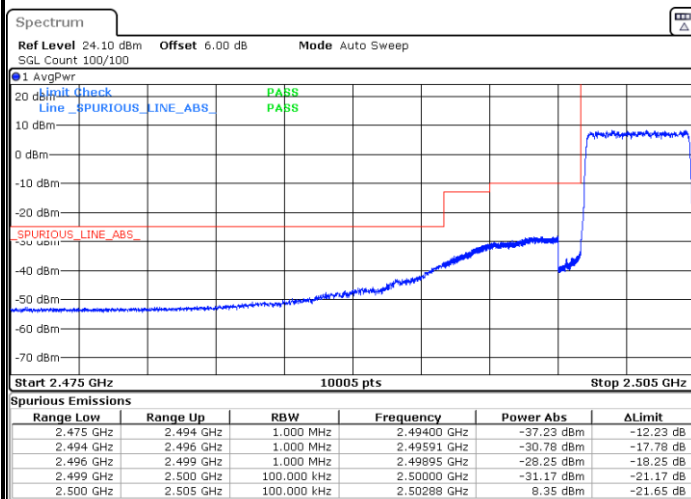
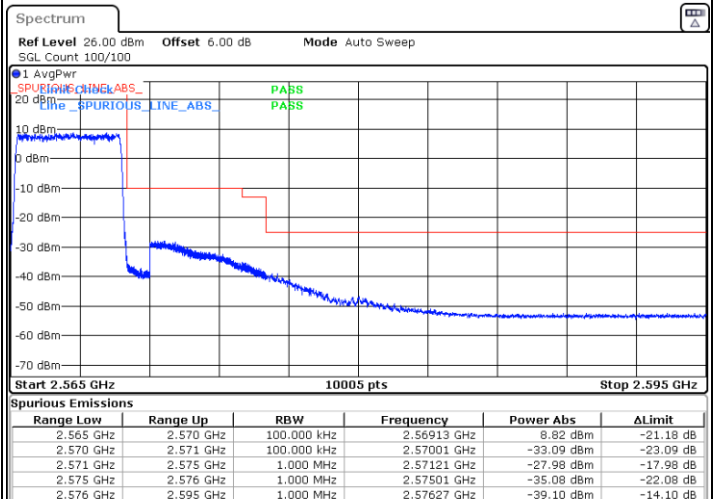




Occupied Bandwidth

Mode	FR1 n7 : 99%OBW(MHz) / DFT-S OFDM	
BW	50M	
Mod.	QPSK	16QAM
Middle CH	48.15	48.05



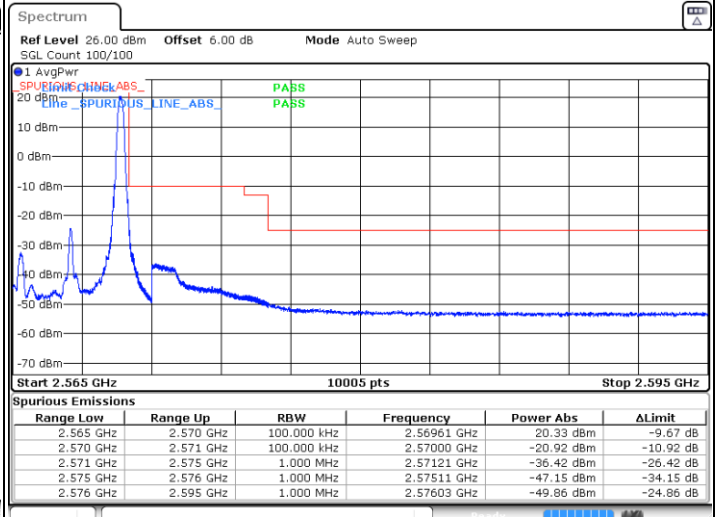
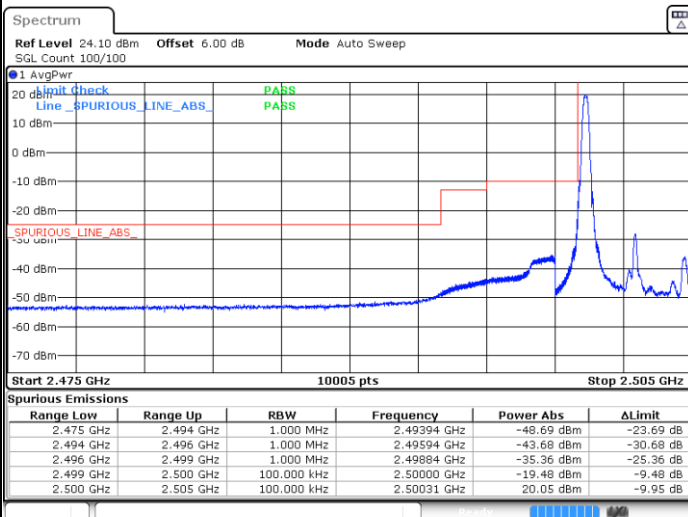
**Conducted Band Edge****FR1 n7 / 5MHz / DFT-S OFDM / PI/2 BPSK****Lowest Band Edge / 1RB0****Highest Band Edge / 1RBMAX****Lowest Band Edge / Full RB****Highest Band Edge / Full RB**



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

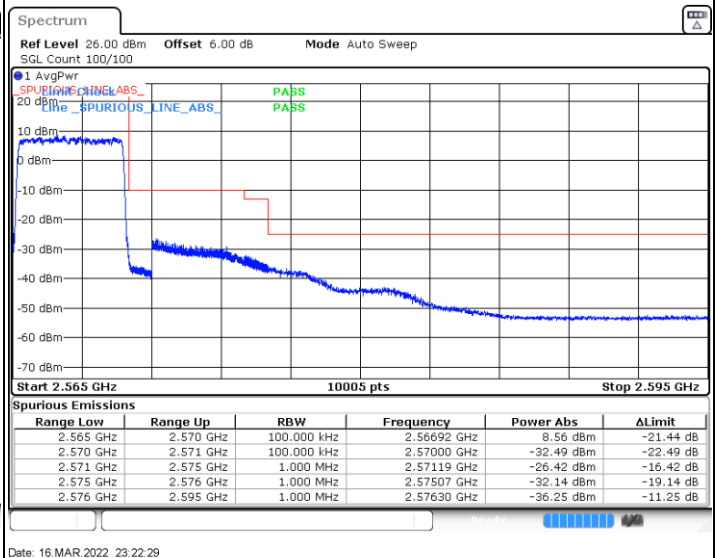
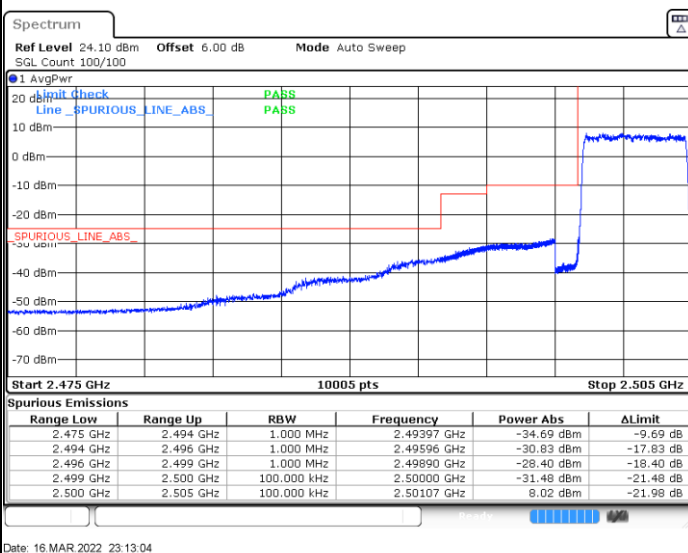
Lowest Band Edge / 1RB0

Highest Band Edge / 1RBMAX



Lowest Band Edge / Full RB

Highest Band Edge / Full RB

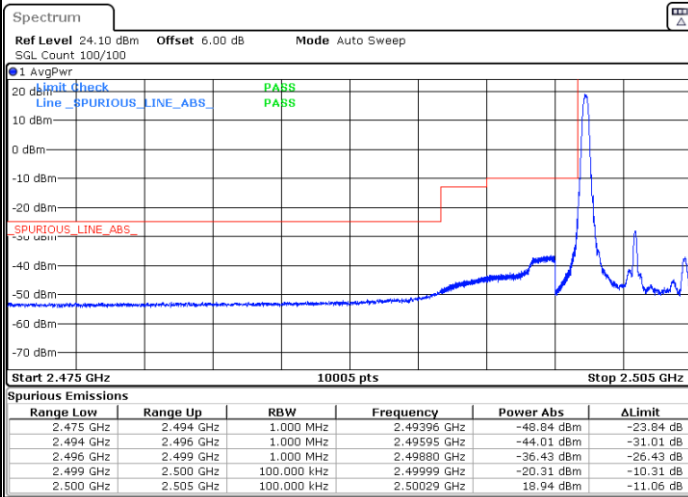




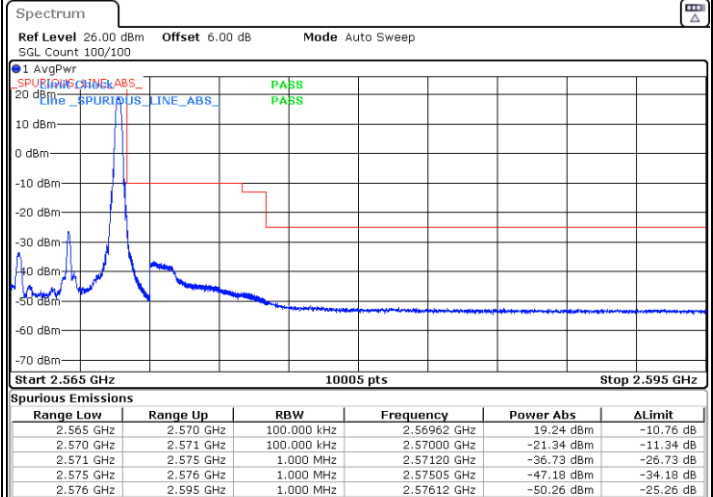
FR1 n7 / 5MHz / DFT-S OFDM / 16Q

Lowest Band Edge / 1RB0

Highest Band Edge / 1RBMAX



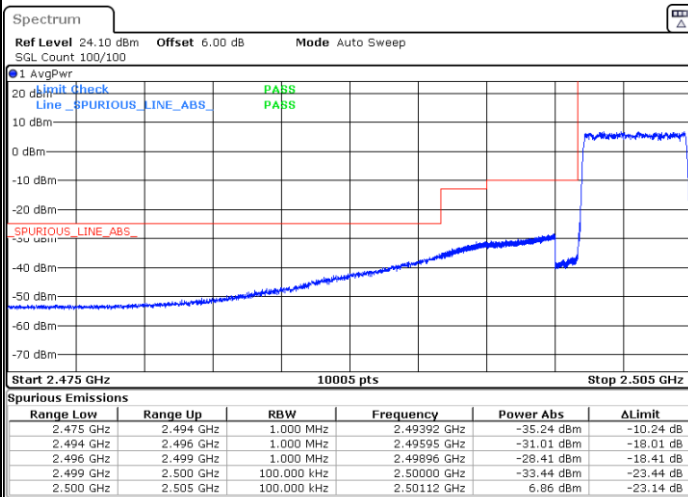
Date: 16.MAR.2022 23:15:42



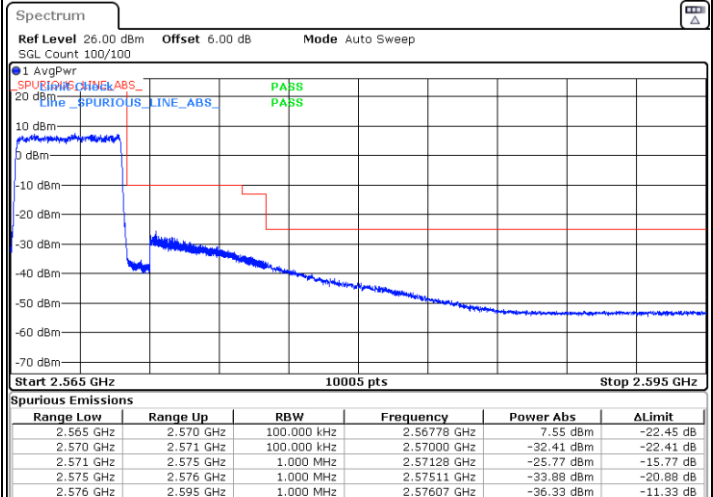
Date: 16.MAR.2022 23:27:16

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 16.MAR.2022 23:13:25



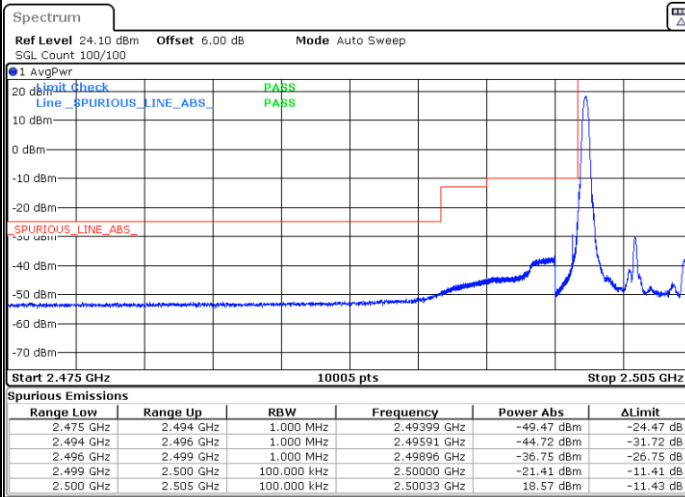
Date: 16.MAR.2022 23:23:21



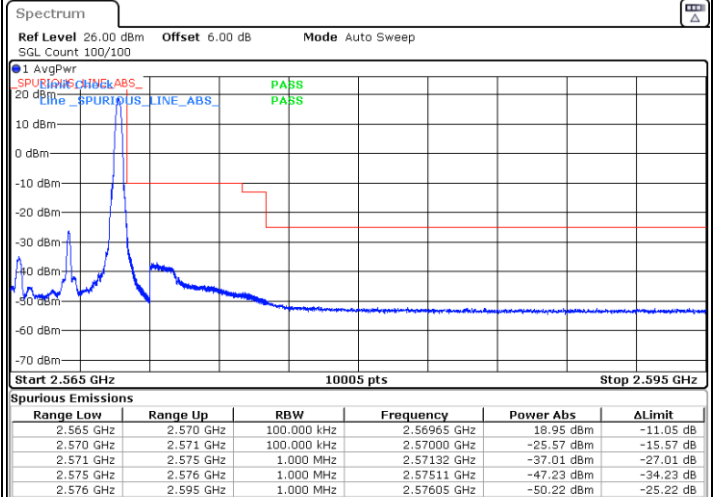
FR1 n7 / 5MHz / DFT-S OFDM / 64Q

Lowest Band Edge / 1RB0

Highest Band Edge / 1RBMAX



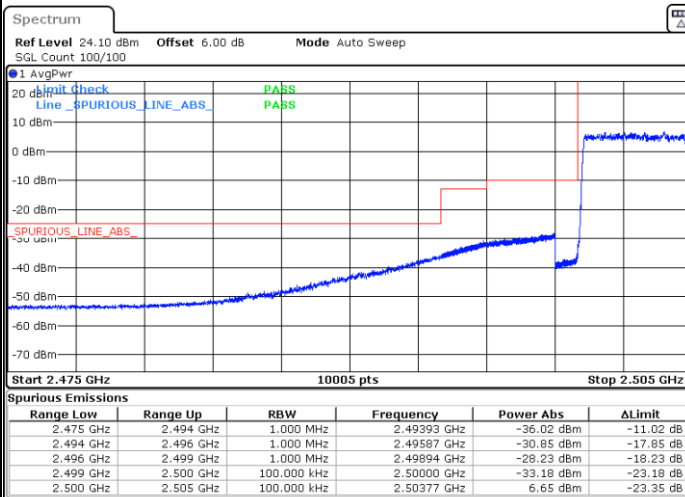
Date: 16.MAR.2022 23:15:21



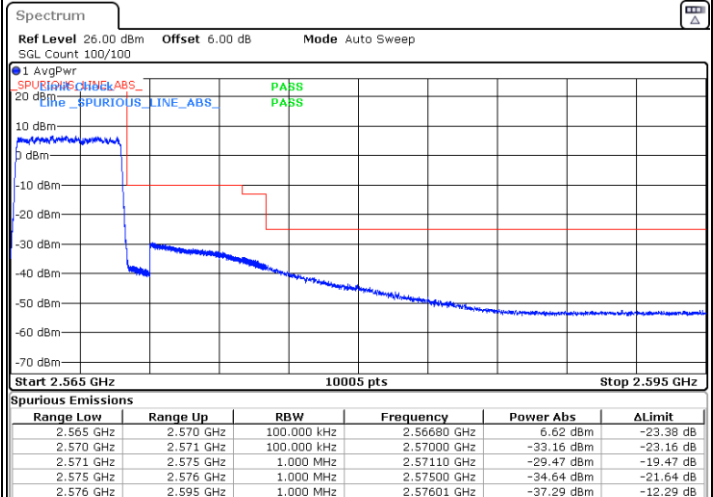
Date: 16.MAR.2022 23:26:50

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 16.MAR.2022 23:13:46



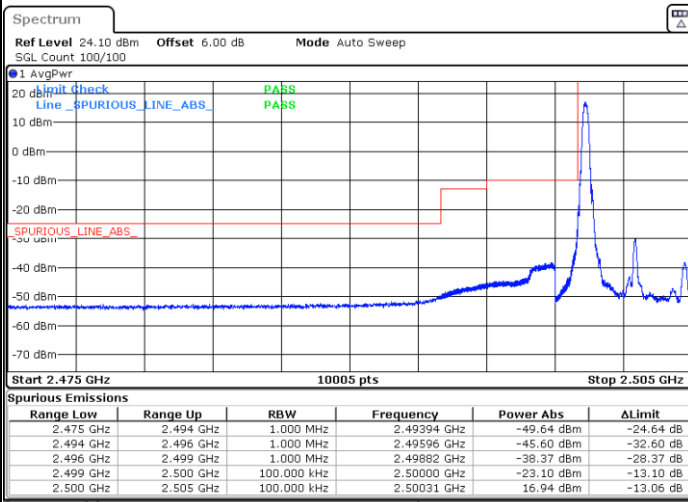
Date: 16.MAR.2022 23:24:44



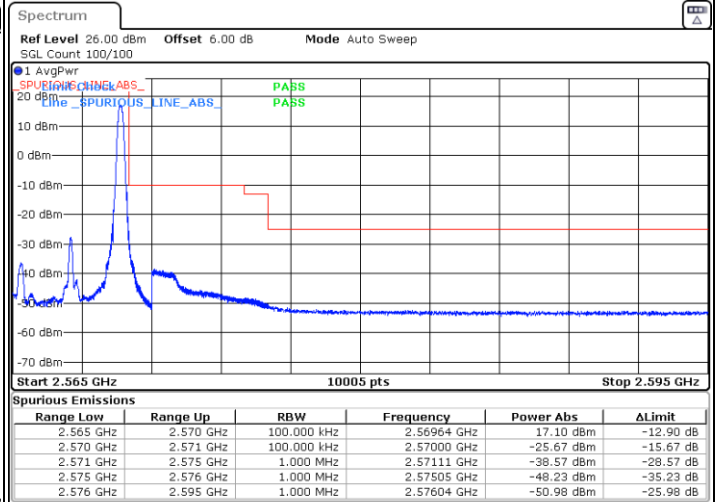
FR1 n7 / 5MHz / DFT-S OFDM / 256Q

Lowest Band Edge / 1RB0

Highest Band Edge / 1RBMAX



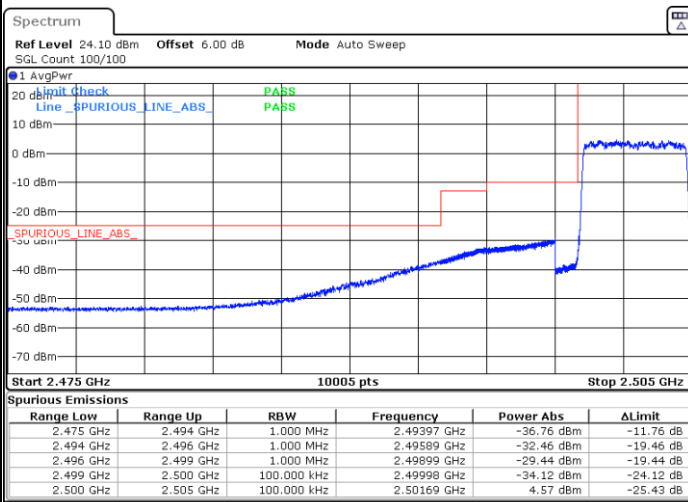
Date: 16.MAR.2022 23:14:34



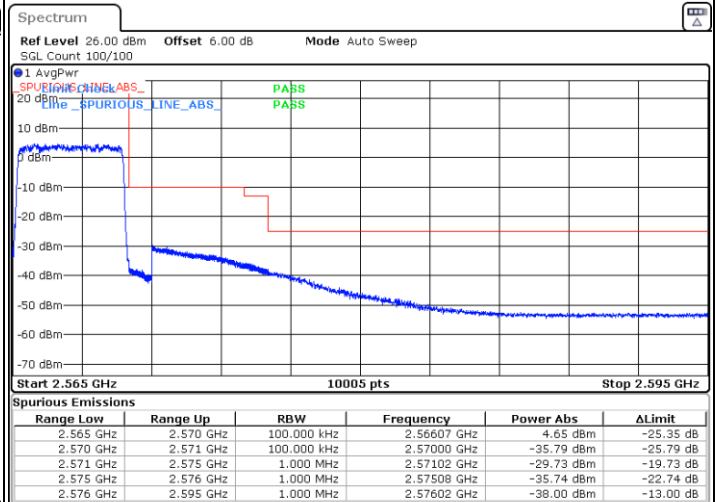
Date: 16.MAR.2022 23:26:20

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 16.MAR.2022 23:14:11



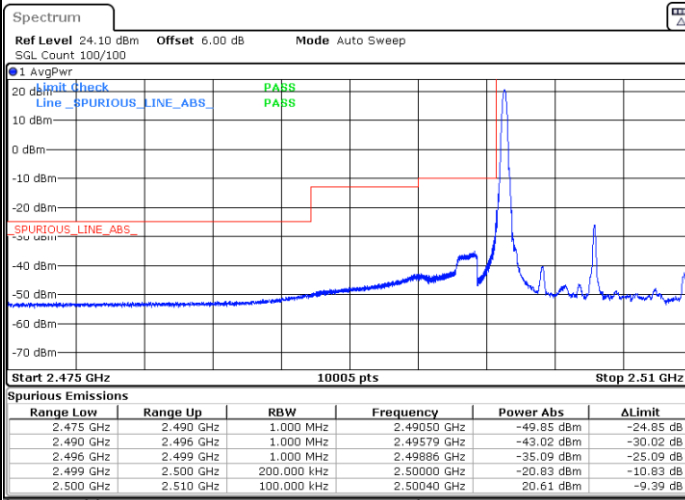
Date: 16.MAR.2022 23:25:33



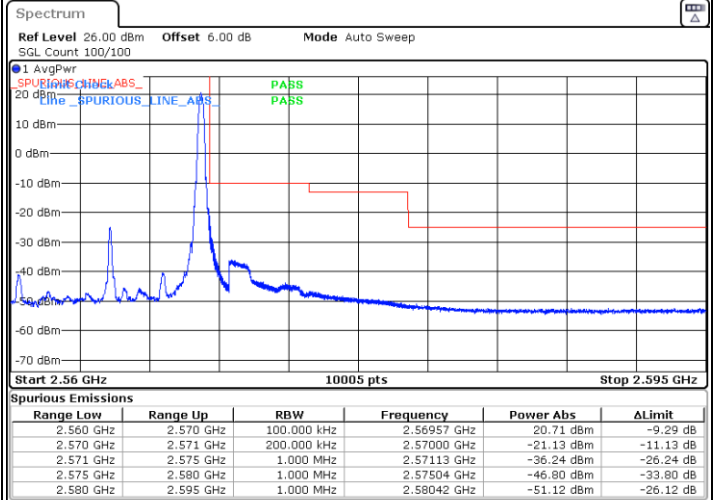
FR1 n7 / 10MHz / DFT-s-OFDM / PI/2 BPSK

Lowest Band Edge / 1RB0

Highest Band Edge / 1RBMAX



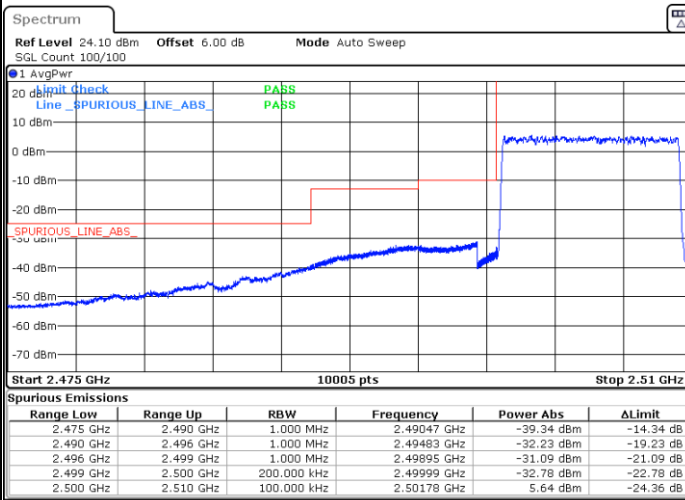
Date: 16 MAR 2022 23:36:00



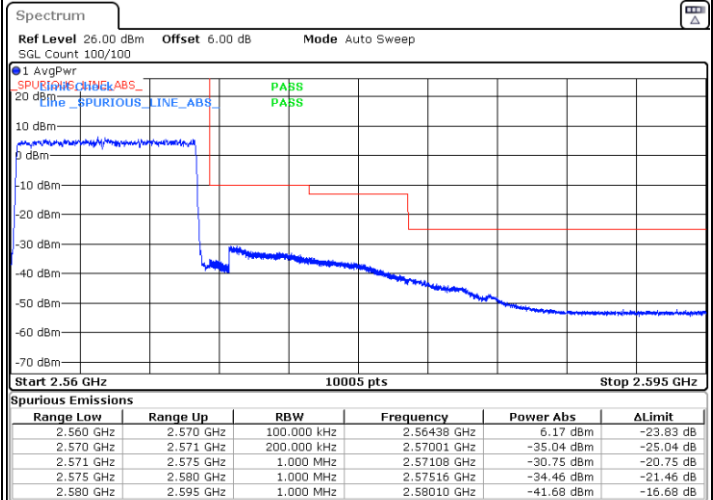
Date: 16 MAR 2022 23:48:01

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 16 MAR 2022 23:29:43



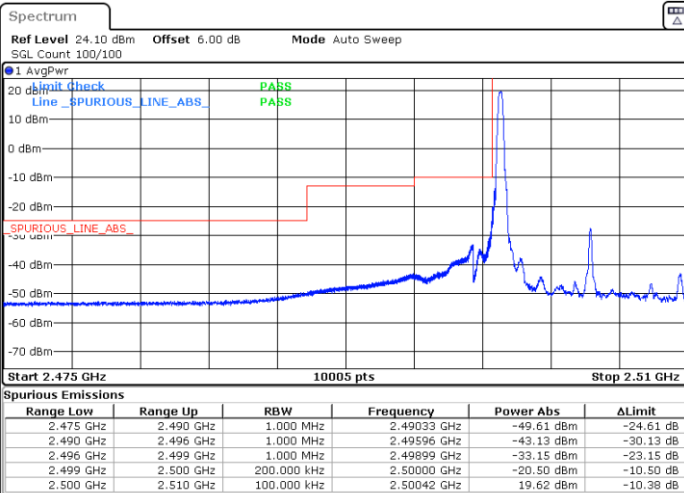
Date: 16 MAR 2022 23:40:36



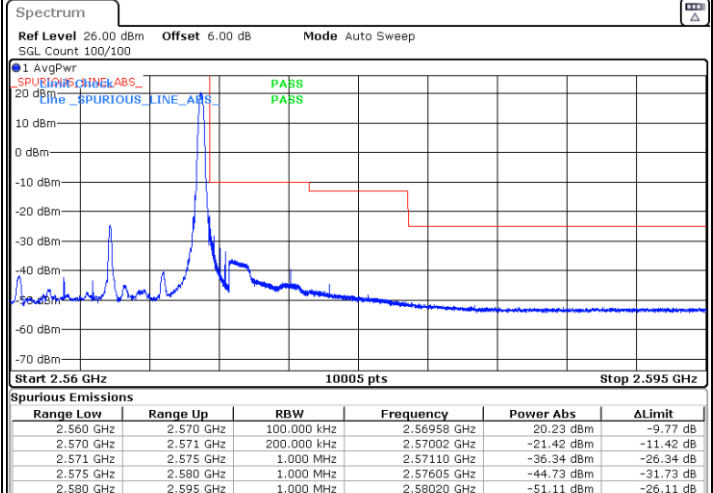
FR1 n7 / 10MHz / DFT-s-OFDM / QPSK

Lowest Band Edge / 1RB0

Highest Band Edge / 1RBMAX



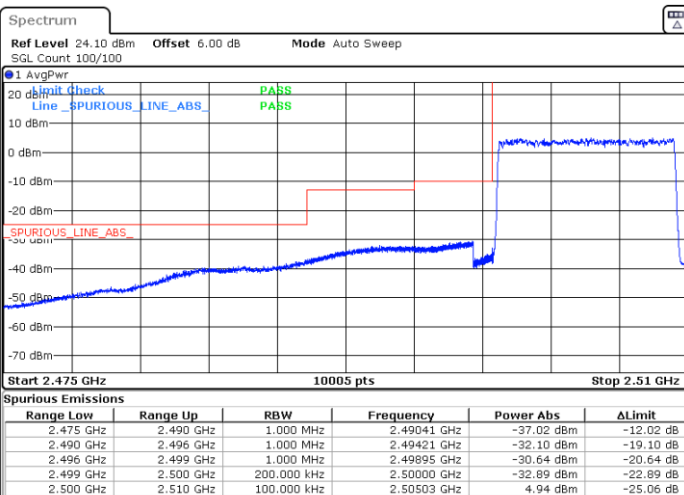
Date: 16 MAR 2022 23:35:15



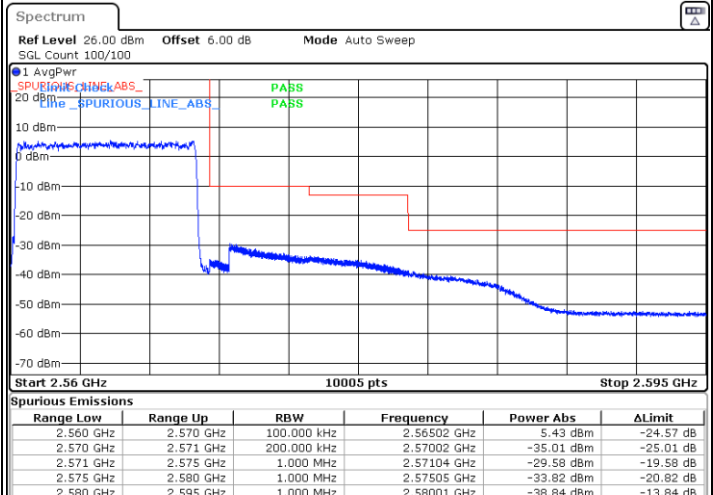
Date: 16 MAR 2022 23:47:10

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 16 MAR 2022 23:30:10



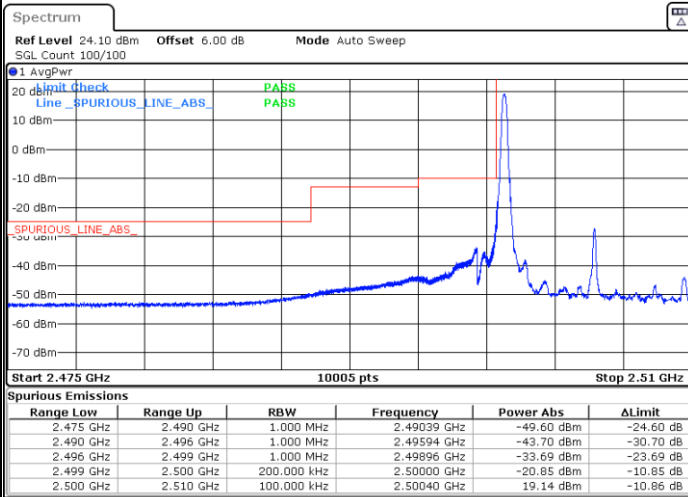
Date: 16 MAR 2022 23:41:53



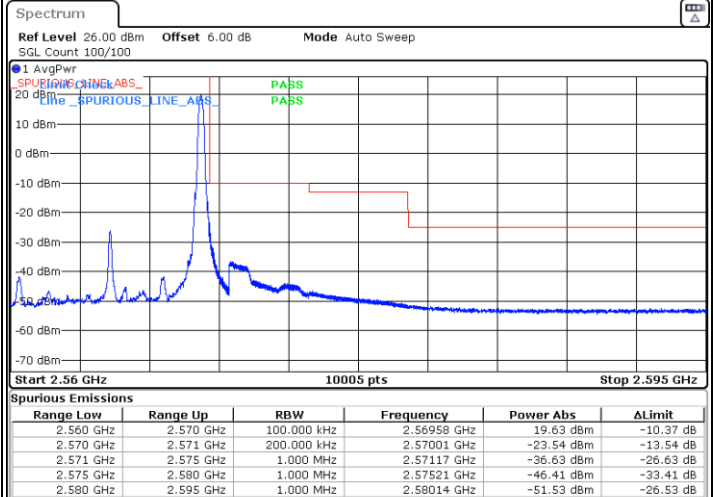
FR1 n7 / 10MHz / DFT-s-OFDM / 16QAM

Lowest Band Edge / 1RB0

Highest Band Edge / 1RBMAX



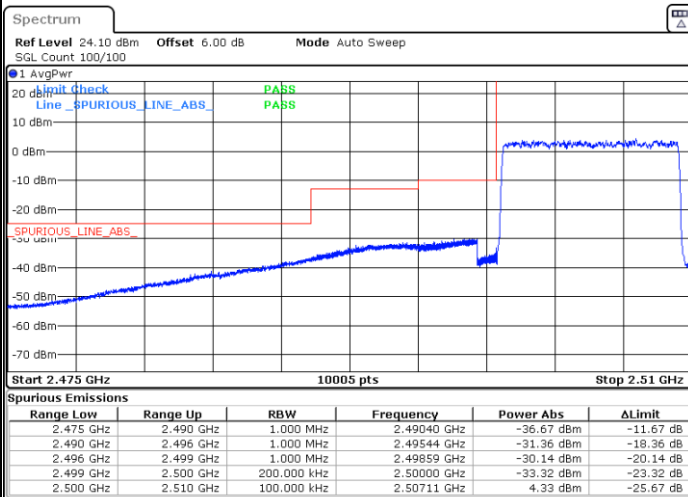
Date: 16 MAR 2022 23:34:25



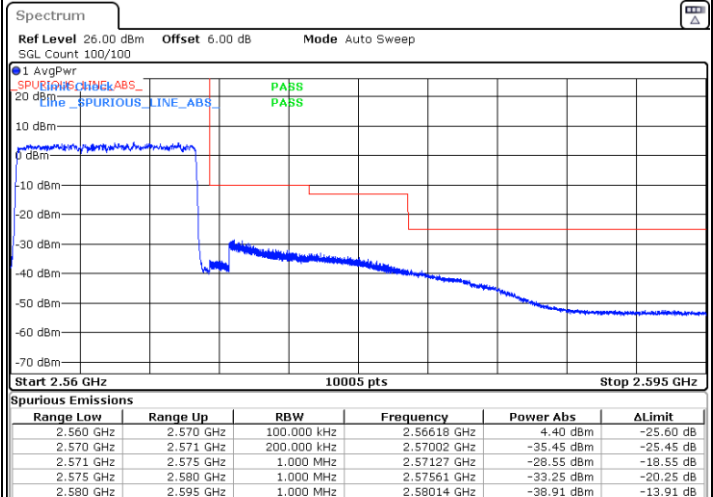
Date: 16 MAR 2022 23:46:30

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 16 MAR 2022 23:30:53



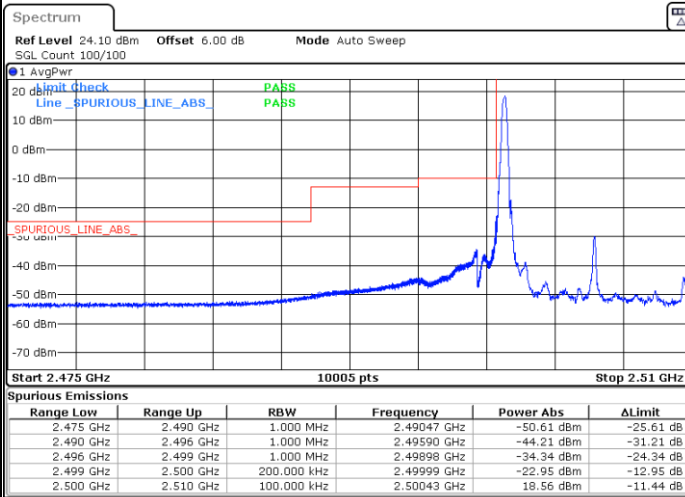
Date: 16 MAR 2022 23:42:34



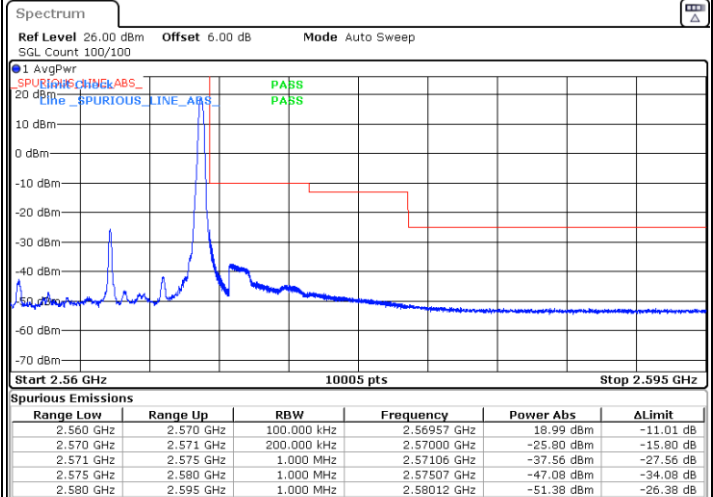
FR1 n7 / 10MHz / DFT-s-OFDM / 64QAM

Lowest Band Edge / 1RB0

Highest Band Edge / 1RBMAX



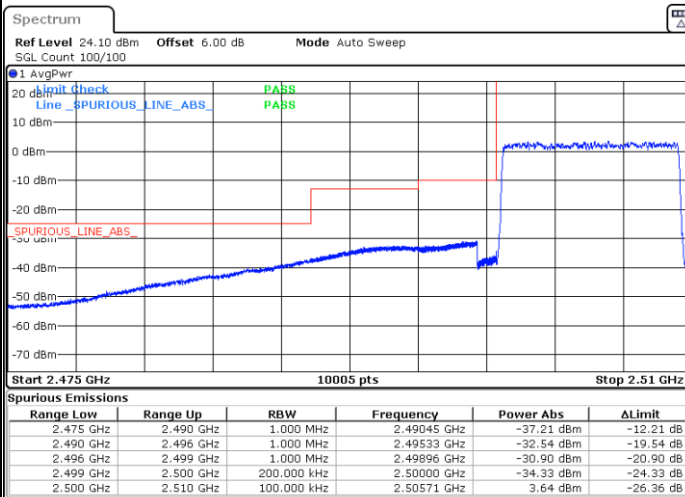
Date: 16 MAR 2022 23:33:43



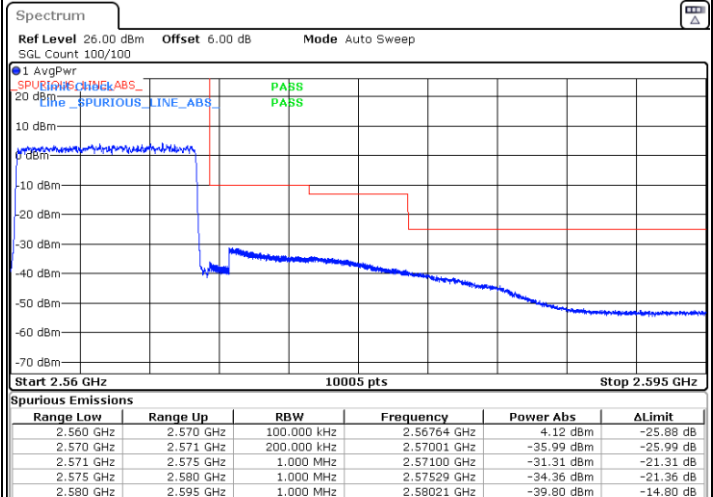
Date: 16 MAR 2022 23:45:48

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 16 MAR 2022 23:31:34



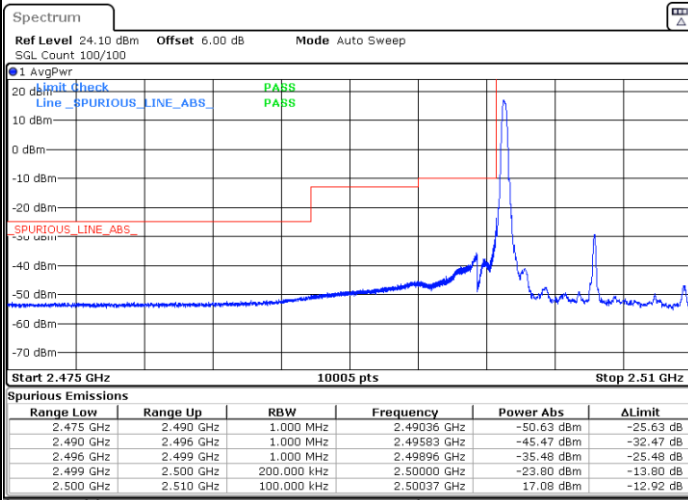
Date: 16 MAR 2022 23:43:21



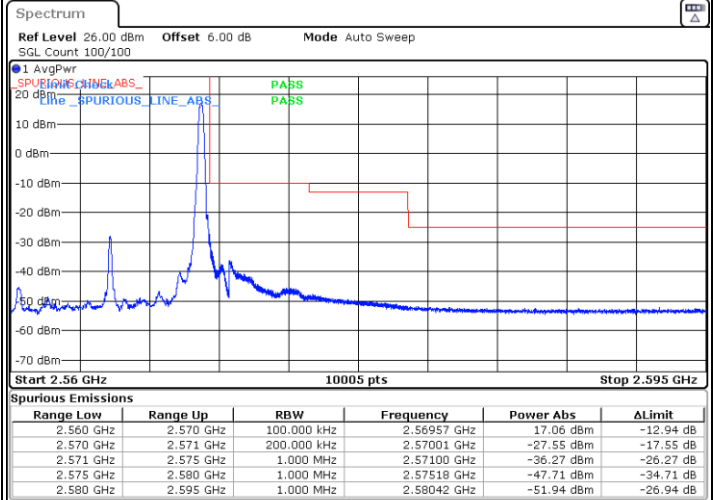
FR1 n7 / 10MHz / DFT-s-OFDM / 256QAM

Lowest Band Edge / 1RB0

Highest Band Edge / 1RBMAX



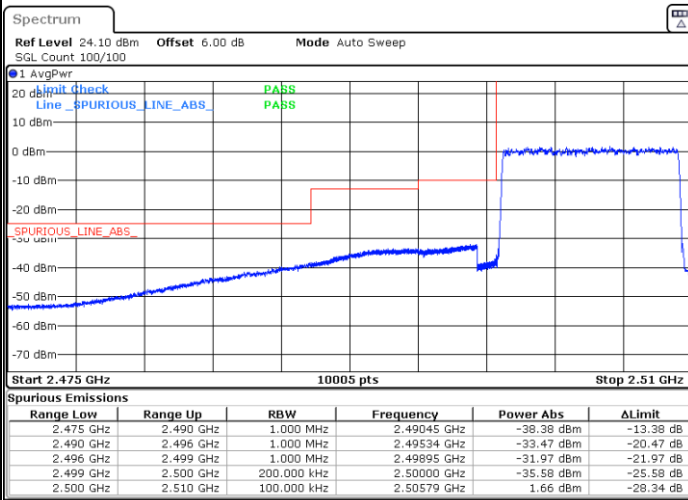
Date: 16 MAR 2022 23:33:10



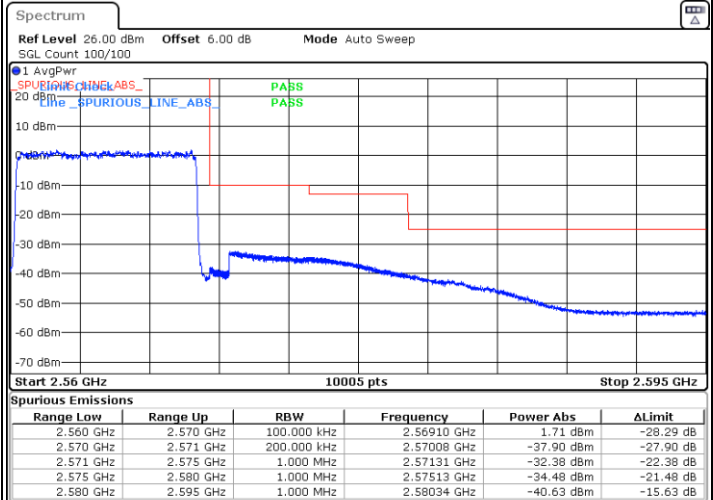
Date: 16 MAR 2022 23:45:11

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 16 MAR 2022 23:32:24



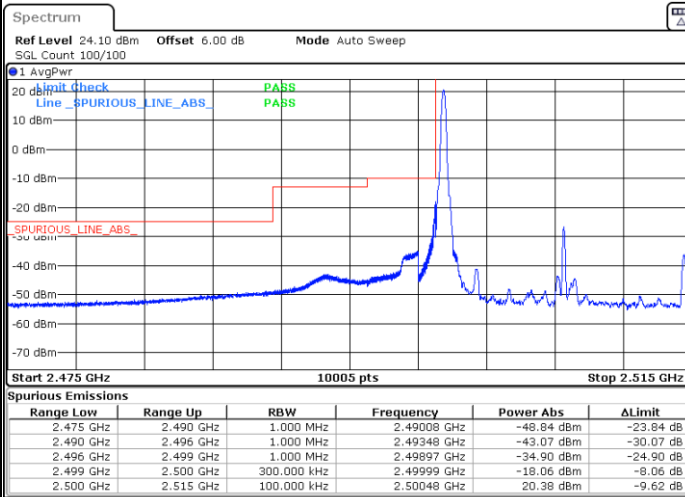
Date: 16 MAR 2022 23:44:12



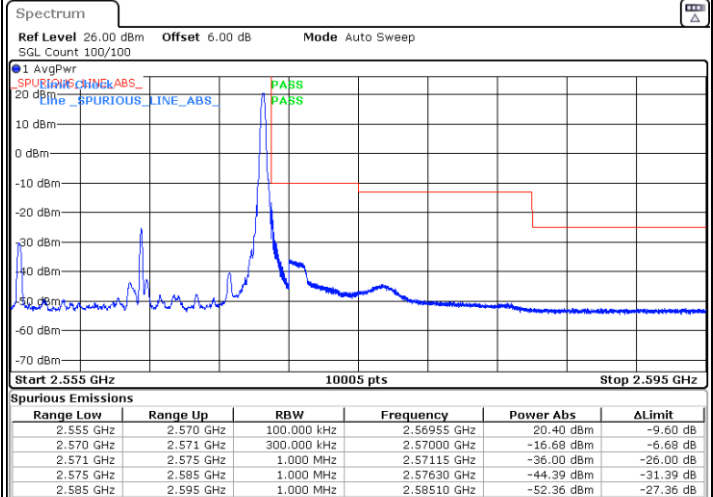
FR1 n7 / 15MHz / DFT-s-OFDM / PI/2 BPSK

Lowest Band Edge / 1RB0

Highest Band Edge / 1RBMAX



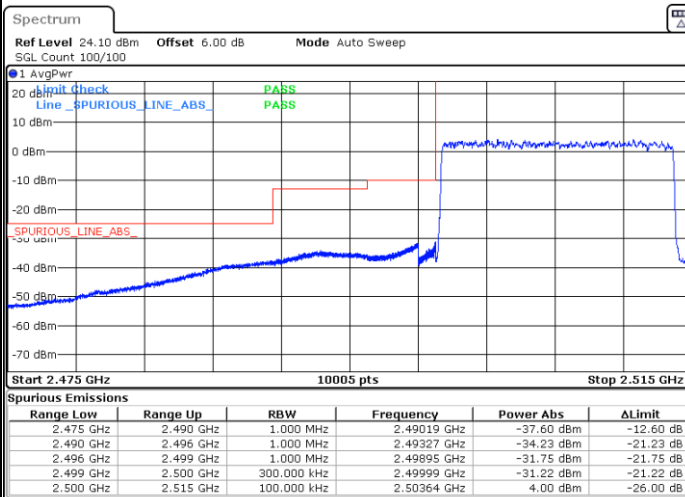
Date: 16.MAR.2022 23:53:26



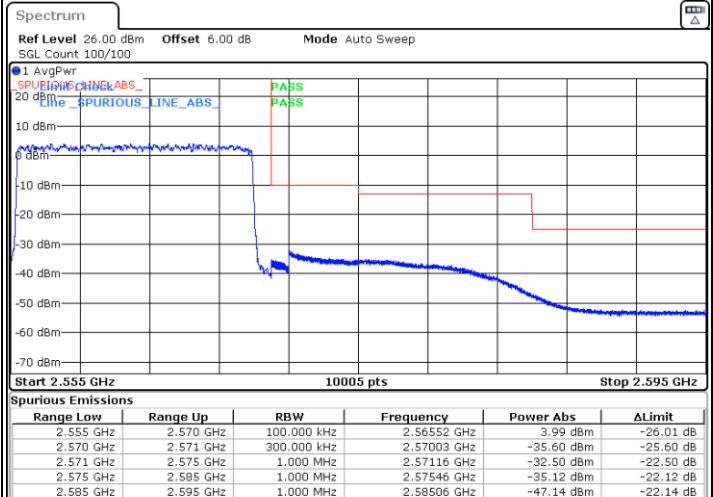
Date: 17.MAR.2022 01:07:24

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 16.MAR.2022 23:49:07



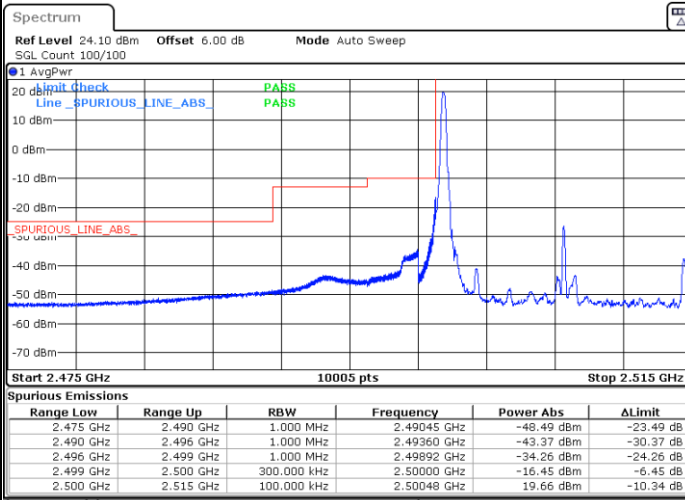
Date: 17.MAR.2022 01:03:12



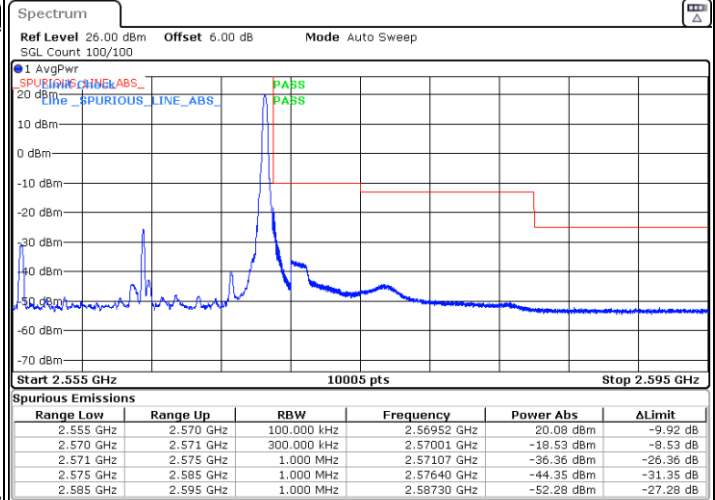
FR1 n7 / 15MHz / DFT-s-OFDM / QPSK

Lowest Band Edge / 1RB0

Highest Band Edge / 1RBMAX



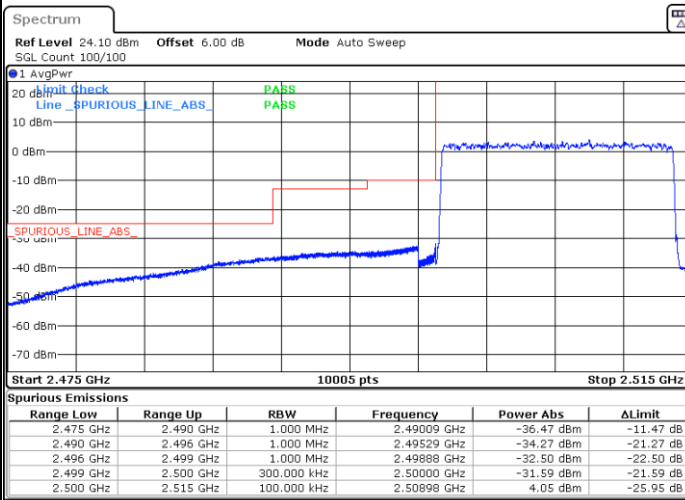
Date: 16.MAR.2022 23:53:06



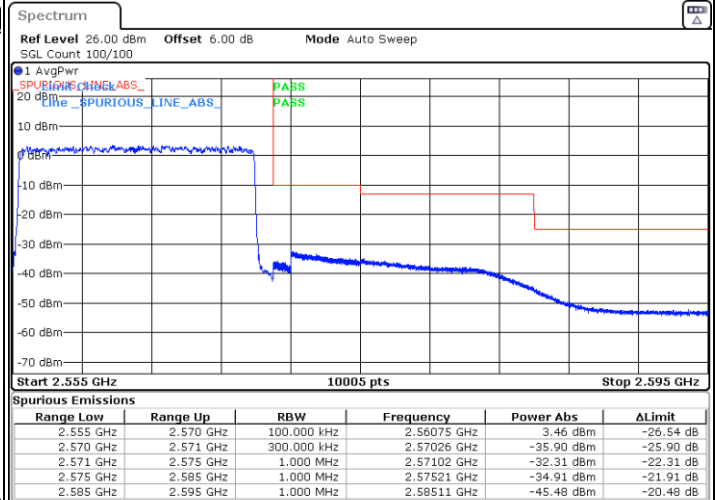
Date: 17.MAR.2022 01:05:45

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 16.MAR.2022 23:49:48



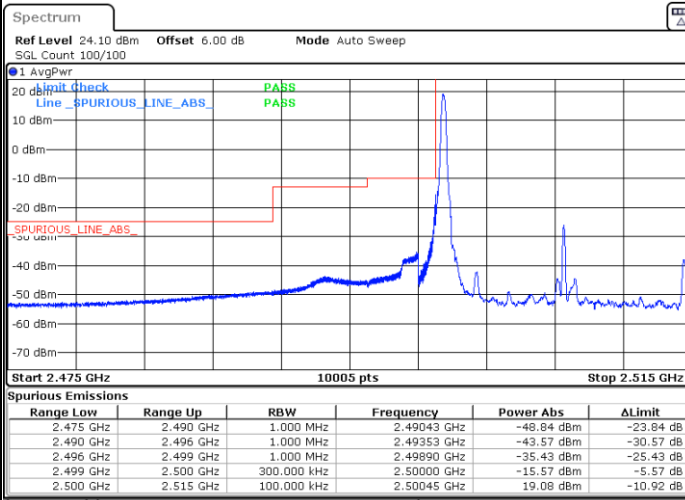
Date: 17.MAR.2022 01:03:30



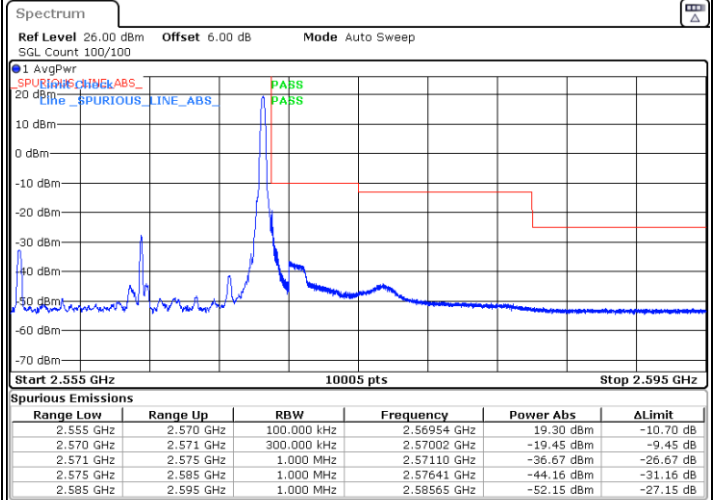
FR1 n7 / 15MHz / DFT-s-OFDM / 16QAM

Lowest Band Edge / 1RB0

Highest Band Edge / 1RBMAX



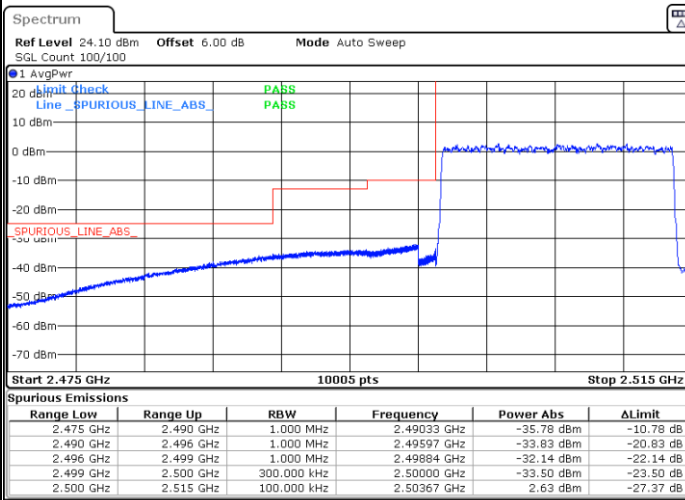
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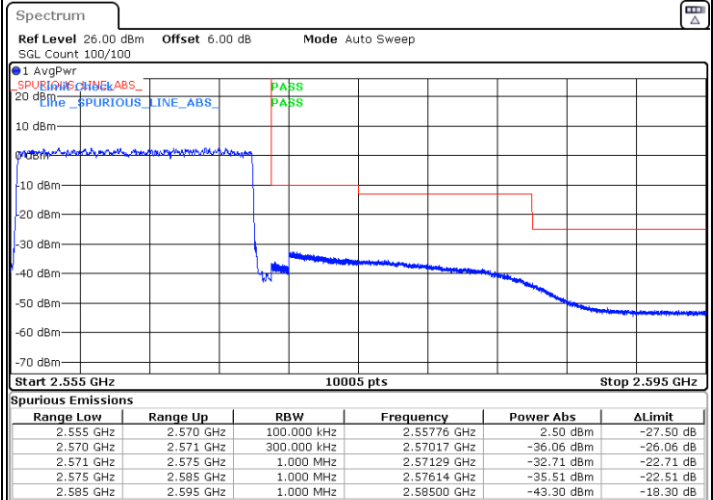
Date: 17.MAR.2022 01:05:25

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 16.MAR.2022 23:50:12



Date: 17.MAR.2022 01:03:48