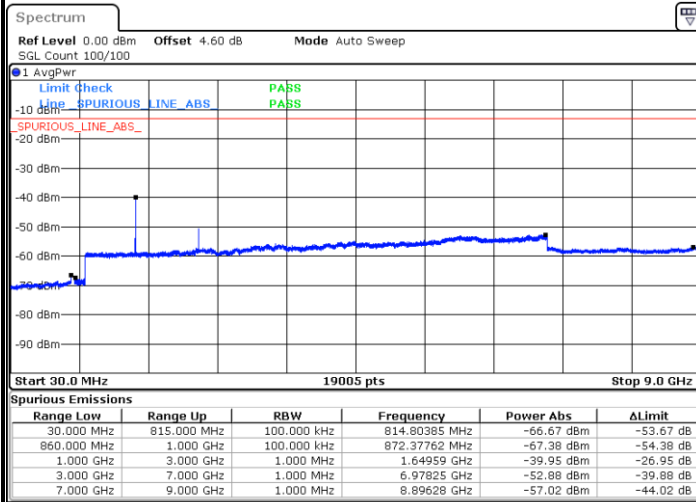




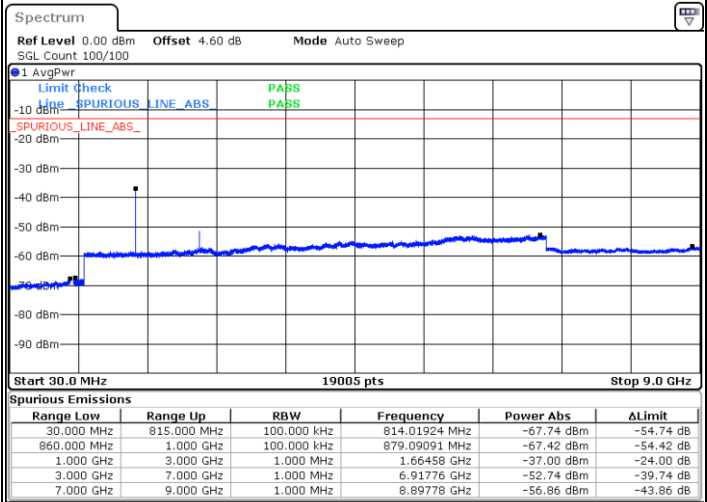
FR1 n5/ 10MHz / DFT-S OFDM / QPSK

Lowest Channel / 1RB1



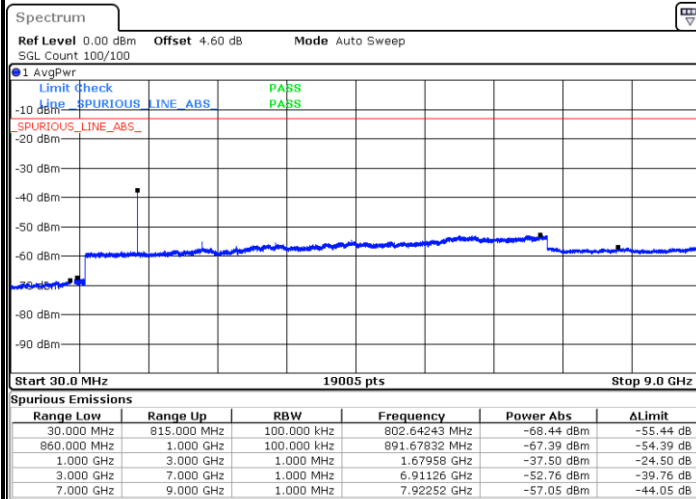
Date: 13.MAR.2022 00:52:06

Middle Channel / 1RB1



Date: 13.MAR.2022 00:54:04

Highest Channel / 1RB1

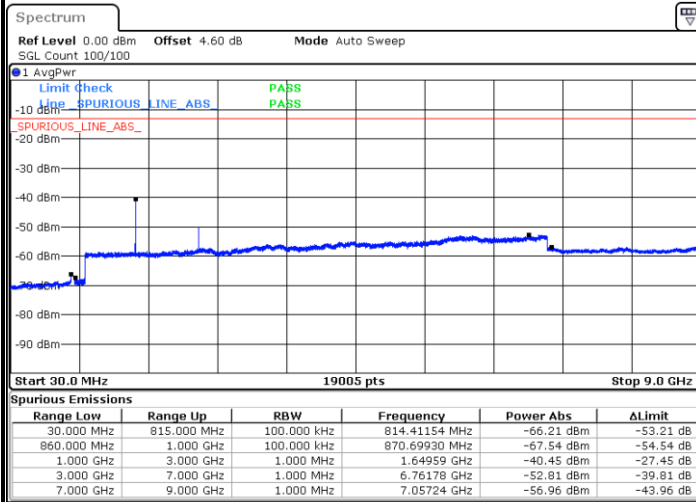


Date: 13.MAR.2022 00:55:52



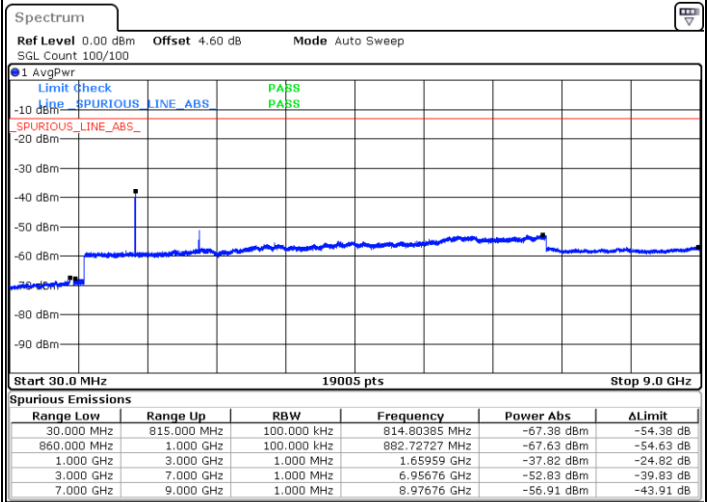
FR1 n5 / 15MHz / DFT-S OFDM / QPSK

Lowest Channel / 1RB1



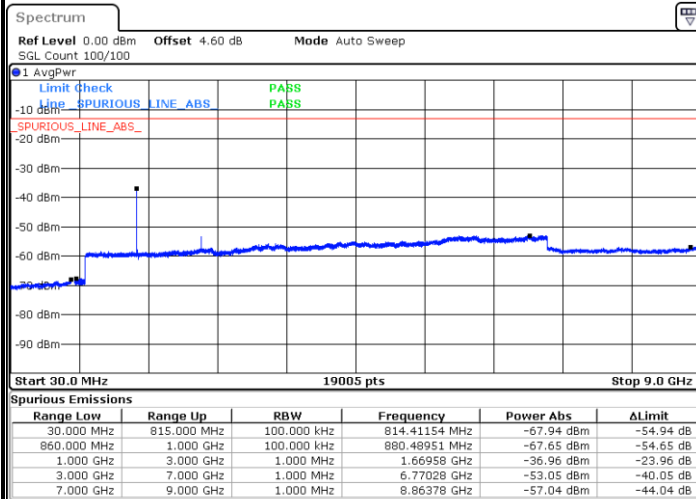
Date: 13.MAR.2022 01:22:46

Middle Channel / 1RB1



Date: 13.MAR.2022 01:24:13

Highest Channel / 1RB1

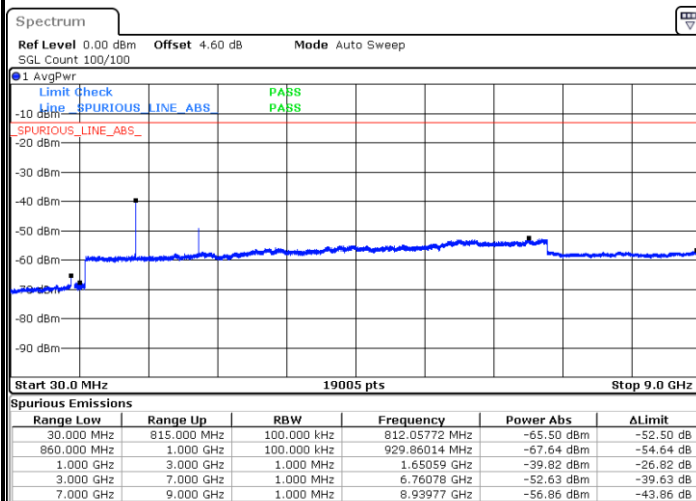


Date: 13.MAR.2022 01:25:01



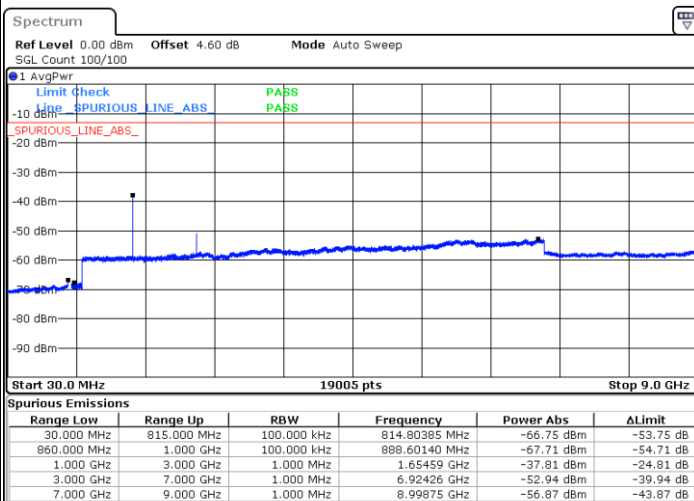
FR1 n5 / 20MHz / DFT-S OFDM / QPSK

Lowest Channel / 1RB1



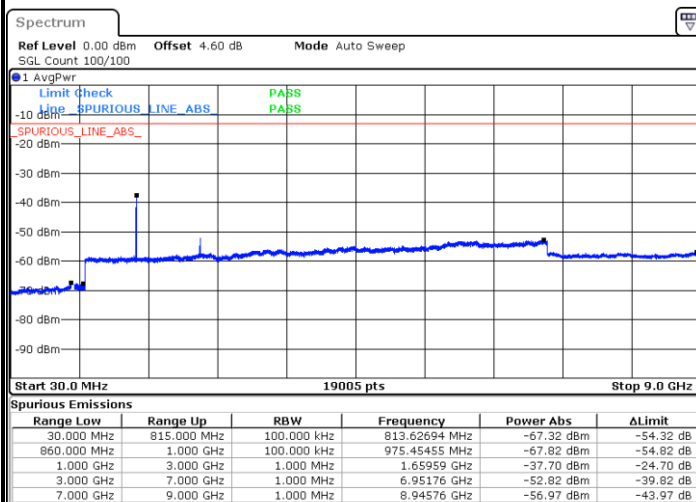
Date: 13.MAR.2022 02:05:18

Middle Channel / 1RB1



Date: 13.MAR.2022 02:04:09

Highest Channel / 1RB1



Date: 13.MAR.2022 02:05:54

**Frequency Stability**

Test Conditions		FR1 n5 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 20MHz	2.5ppm
		Deviation (ppm)	Result
50	Normal Voltage	0.0015	PASS
40	Normal Voltage	0.0011	
30	Normal Voltage	0.0021	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0012	
0	Normal Voltage	0.0025	
-10	Normal Voltage	0.0014	
-20	Normal Voltage	0.0037	
-30	Normal Voltage	0.0021	
20	Maximum Voltage	0.0025	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0052	

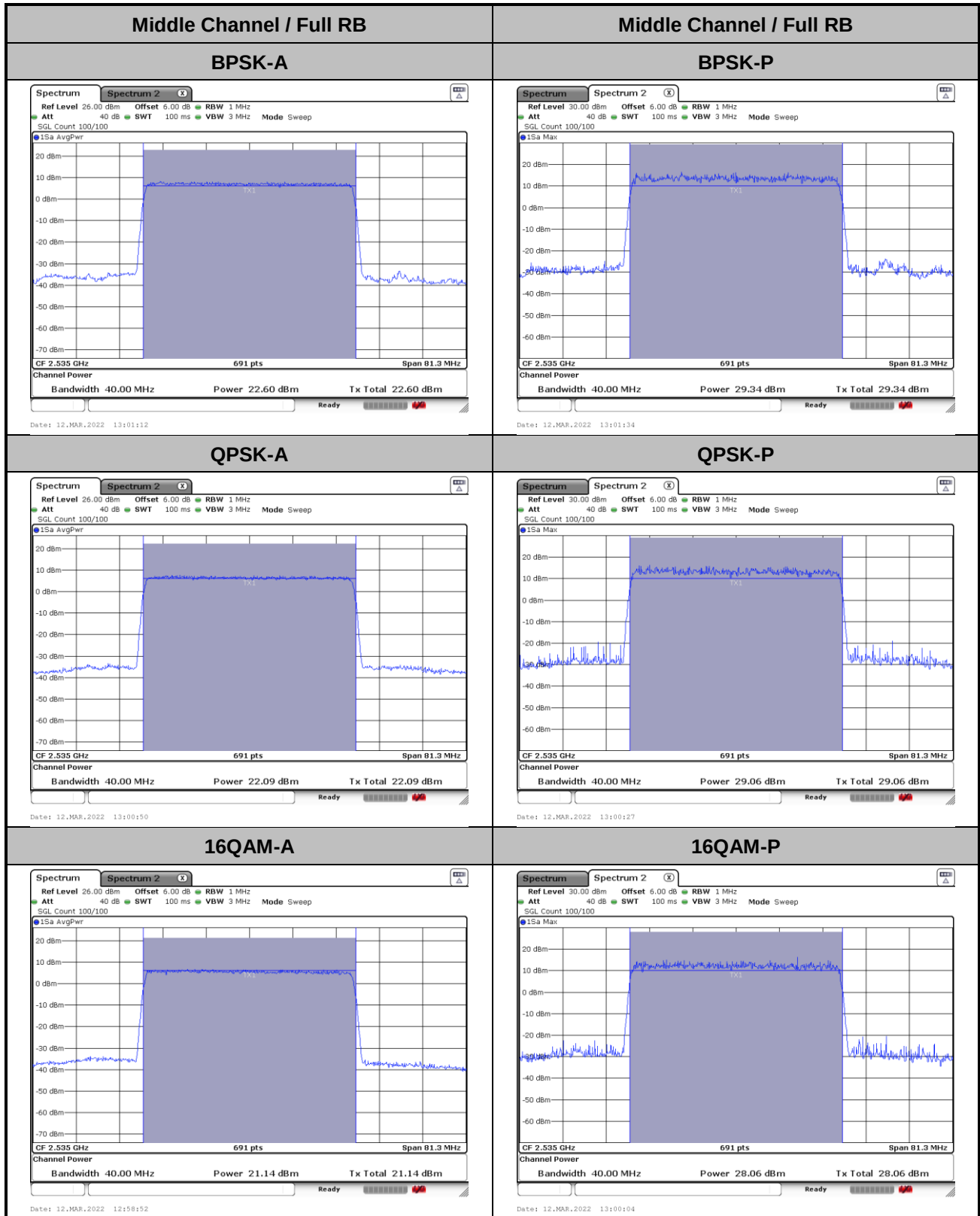
Note: Normal Voltage =3.87 V. ; Battery End Point (BEP) =3.6 V. ; Maximum Voltage =4.3 V.

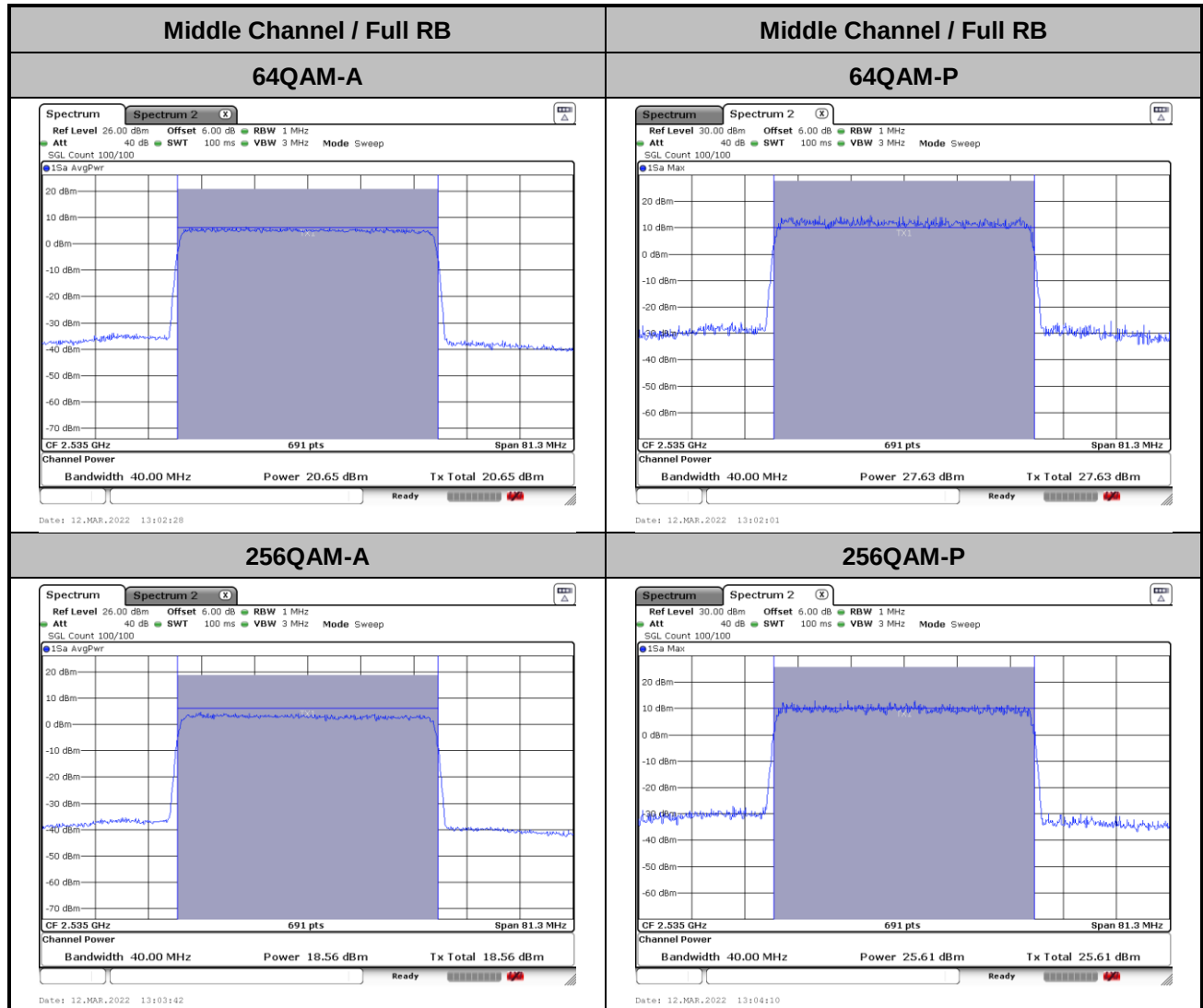


FR1 n7

Peak-to-Average Ratio

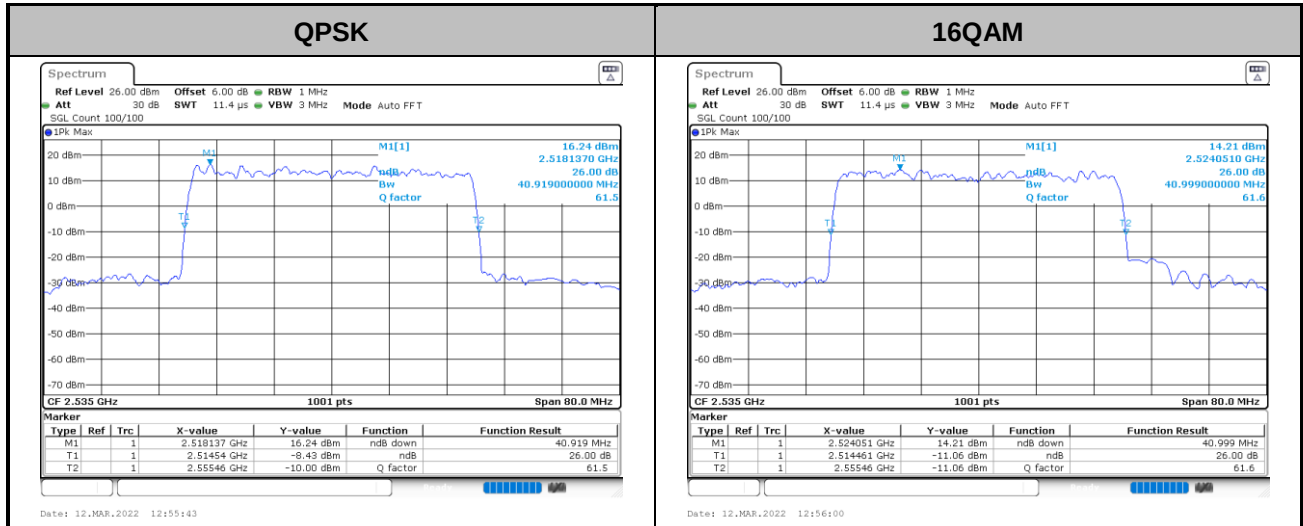
Mode	FR1 n7 / 40MHz / DFT-S OFDM				
Mod.	PI/2 BPSK	QPSK	16QAM	64QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Full RB	Result
Middle CH	6.74	6.97	6.92	6.98	PASS
Mod.	256QAM				Limit: 13dB
RB Size	Full RB				Result
Middle CH	7.05				PASS





**26dB Bandwidth**

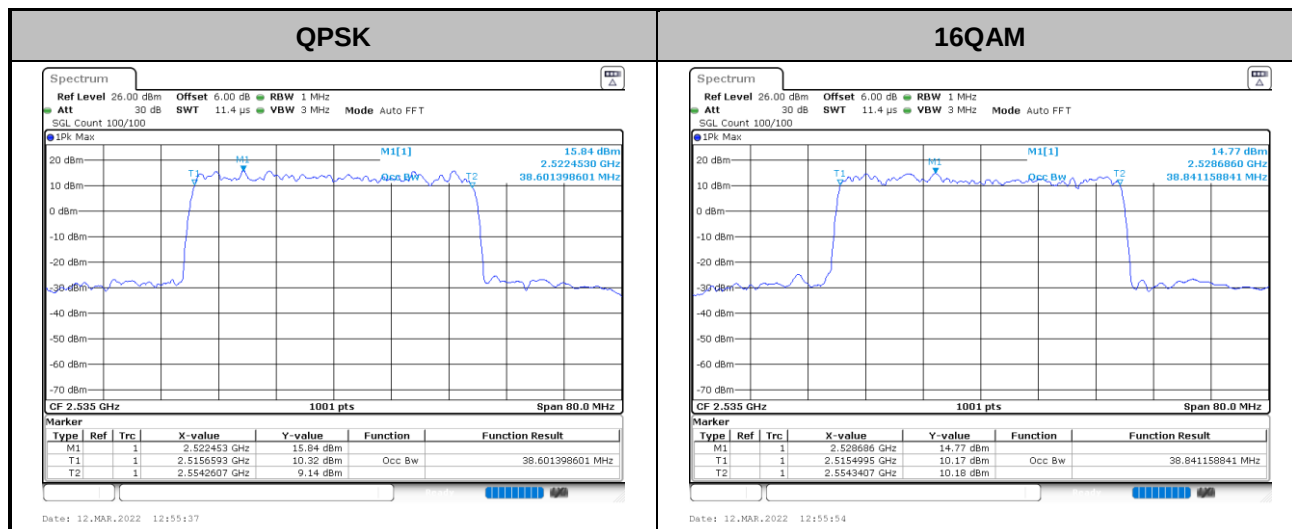
Mode	FR1 n7 : 26dB BW(MHz) / DFT-S OFDM	
BW	40M	
Mod.	QPSK	16QAM
Middle CH	40.92	41





Occupied Bandwidth

Mode	FR1 n7 : 99%OBW(MHz) / DFT-S OFDM	
BW	40M	
Mod.	QPSK	16QAM
Middle CH	38.60	38.84



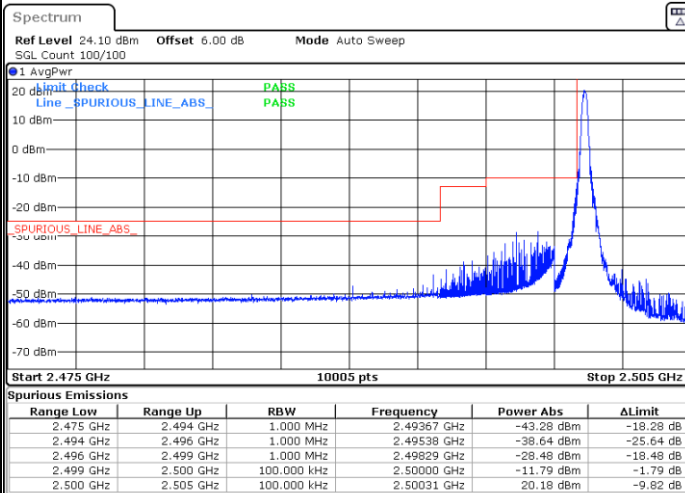


Conducted Band Edge

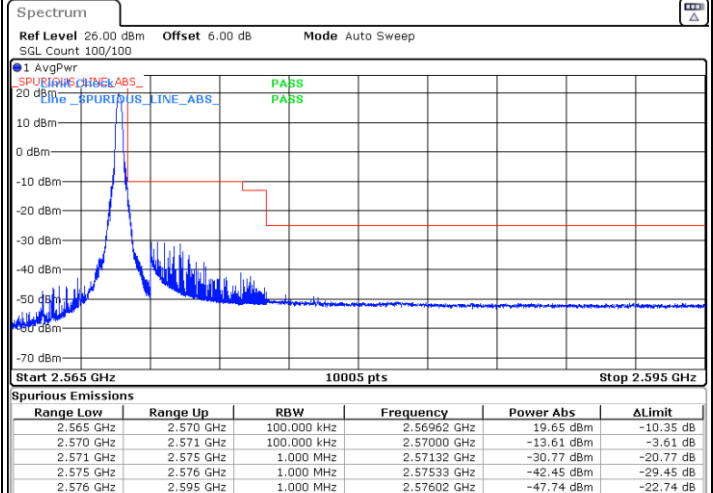
FR1 n7 / 5MHz / DFT-S OFDM / PI/2 BPSK

Lowest Band Edge / 1RB0

Highest Band Edge / 1RBMAX



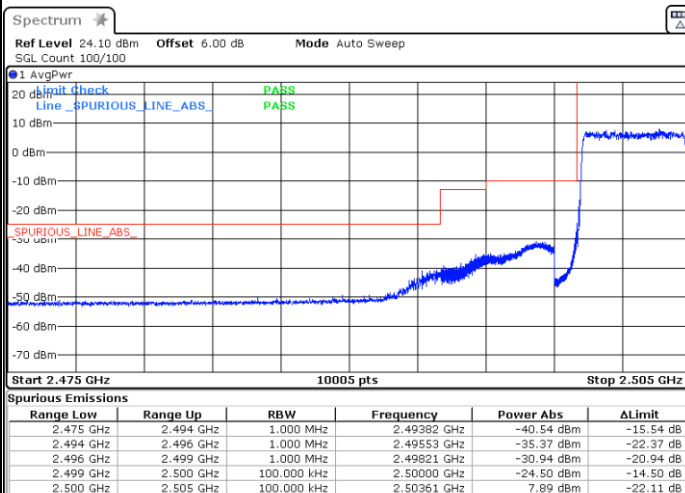
Date: 11.MAR.2022 15:35:52



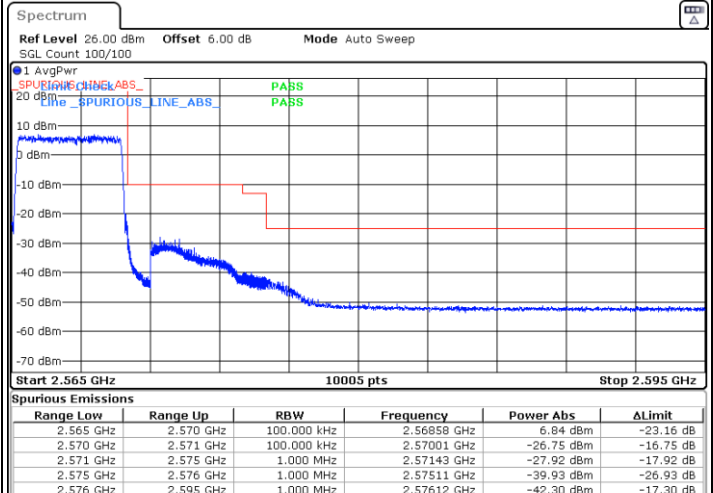
Date: 11.MAR.2022 16:06:34

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 11.MAR.2022 16:00:19



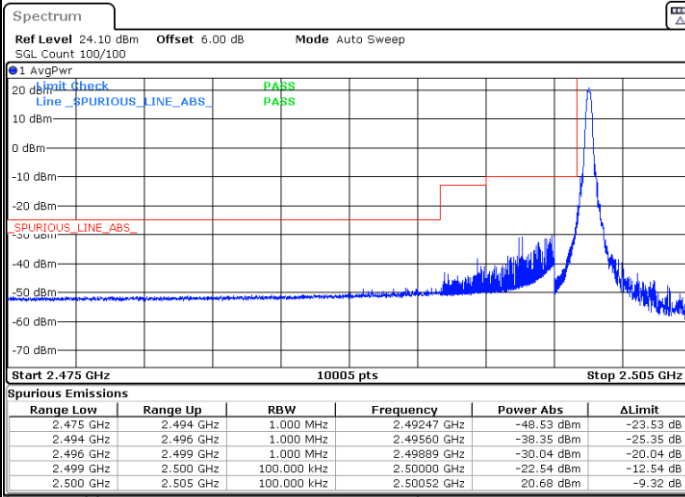
Date: 11.MAR.2022 16:01:43



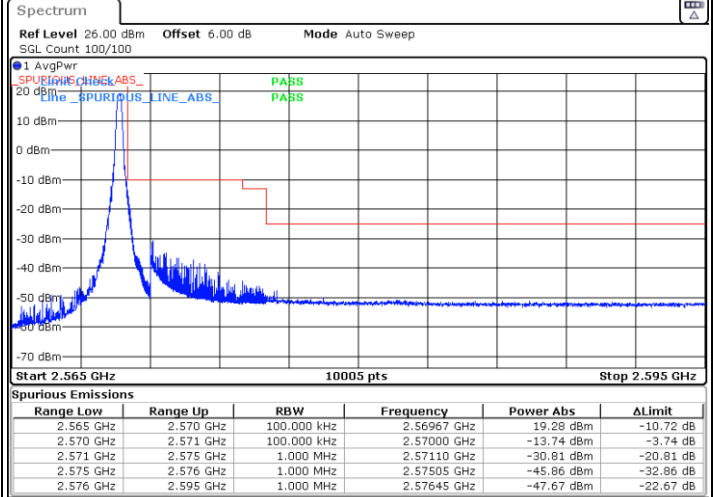
FR1 n7 / 5MHz / DFT-S OFDM / QPSK

Lowest Band Edge / 1RB0

Highest Band Edge / 1RBMAX



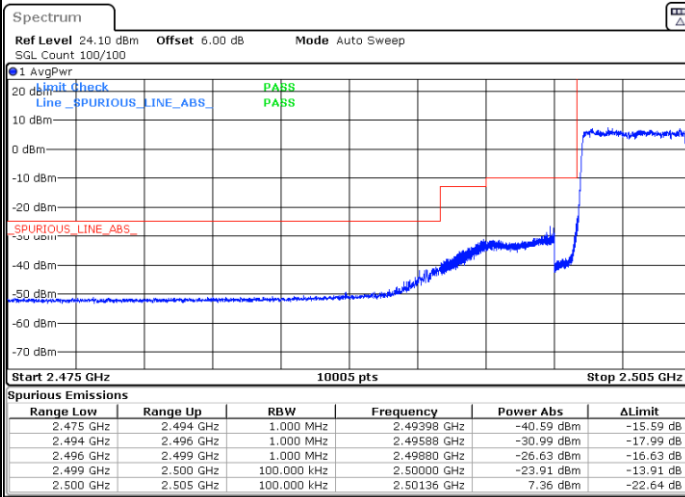
Date: 11.MAR.2022 15:50:44



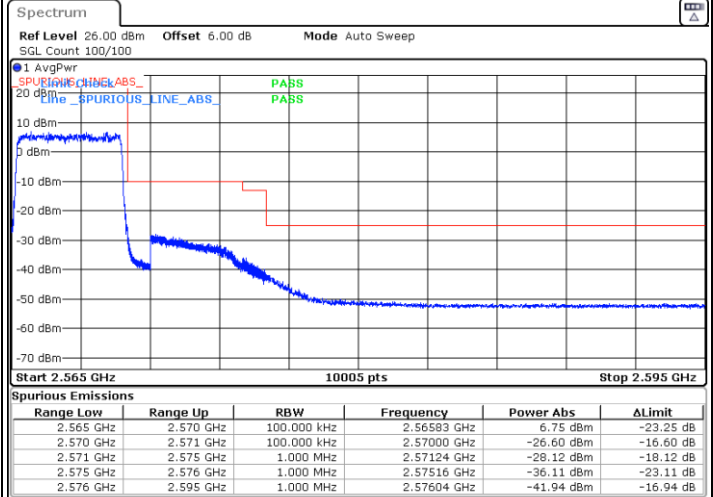
Date: 11.MAR.2022 16:05:41

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 11.MAR.2022 15:59:29



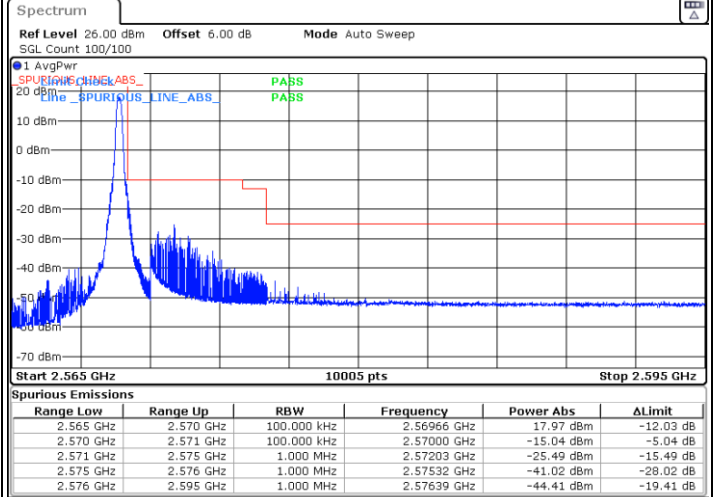
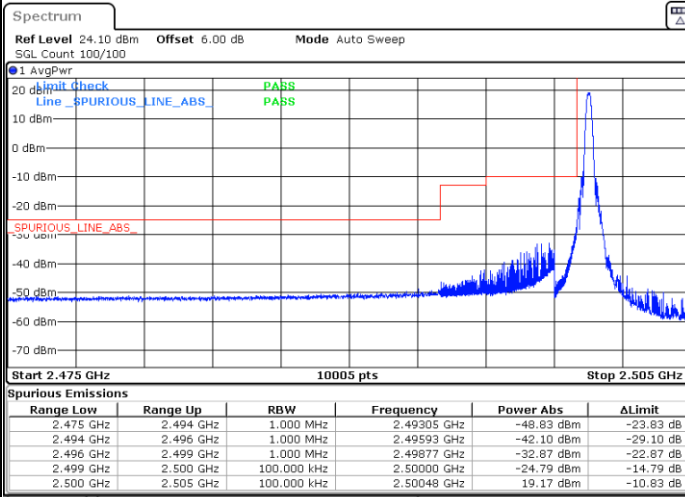
Date: 11.MAR.2022 16:02:11



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

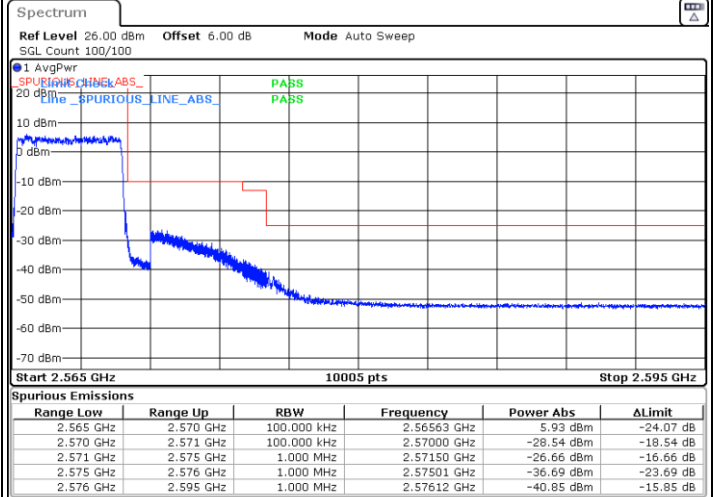
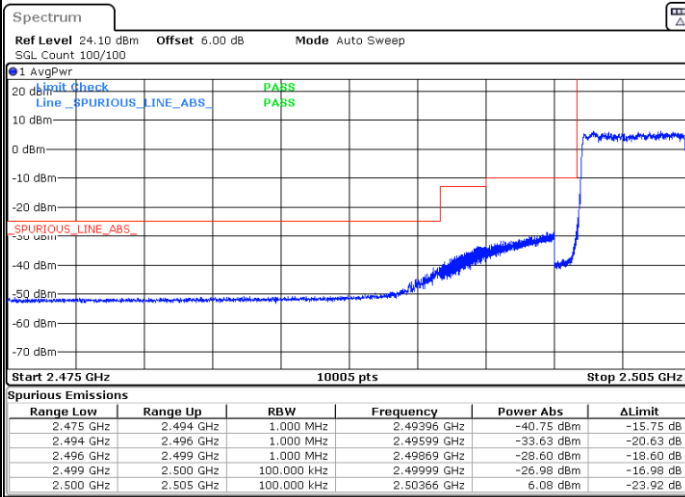
Lowest Band Edge / 1RB0

Highest Band Edge / 1RBMAX



Lowest Band Edge / Full RB

Highest Band Edge / Full RB

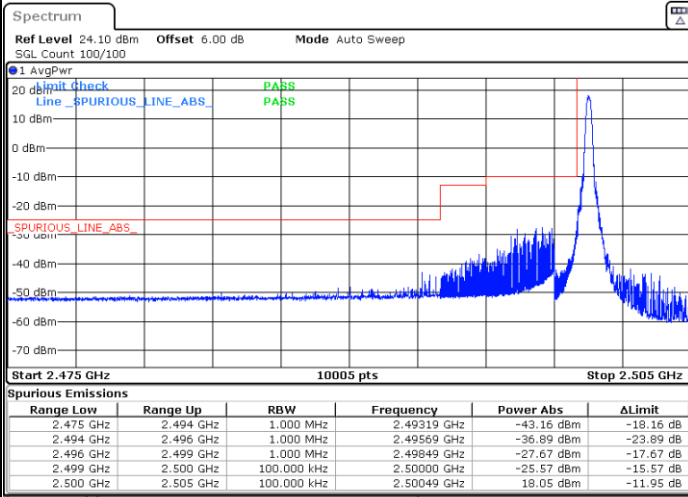




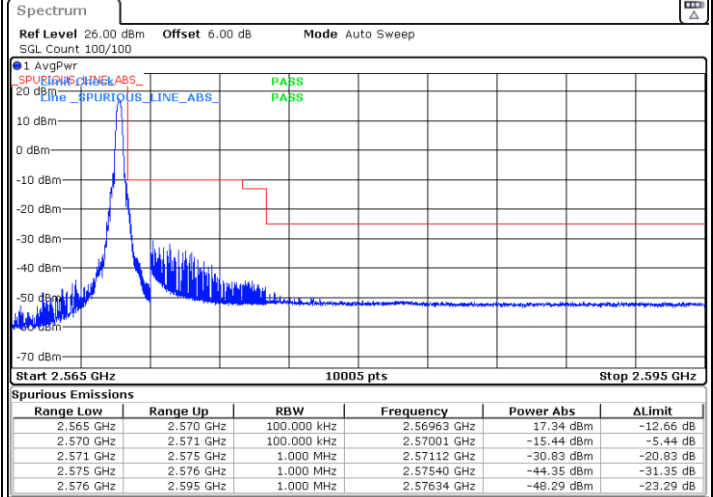
FR1 n7 / 5MHz / DFT-S OFDM / 64Q

Lowest Band Edge / 1RB0

Highest Band Edge / 1RBMAX



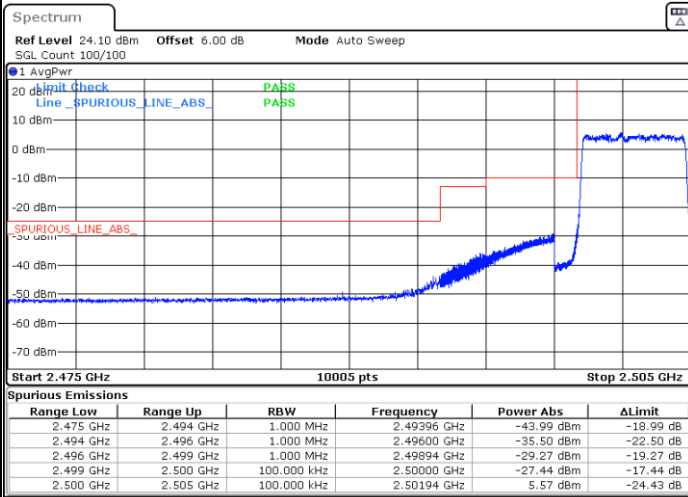
Date: 11.MAR.2022 15:52:25



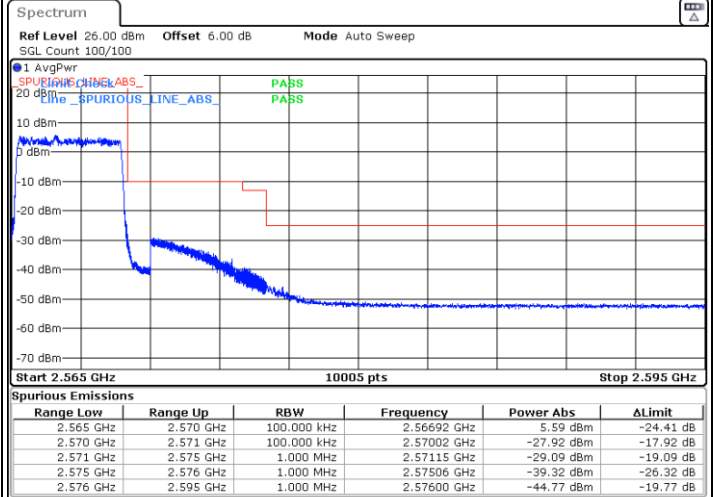
Date: 11.MAR.2022 16:04:55

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 11.MAR.2022 15:57:42

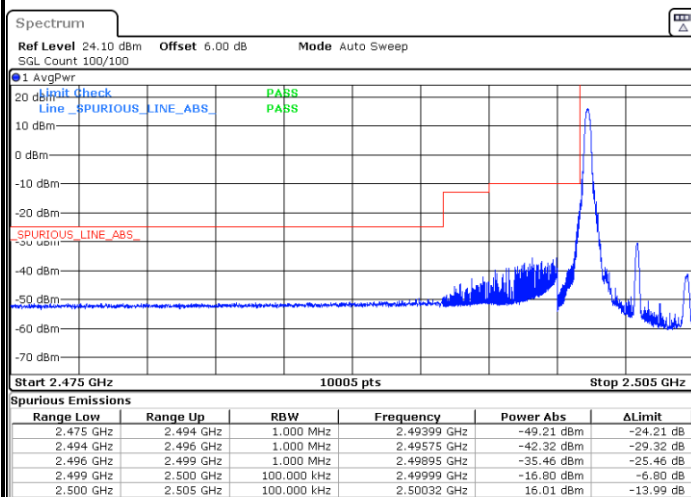


Date: 11.MAR.2022 16:02:47

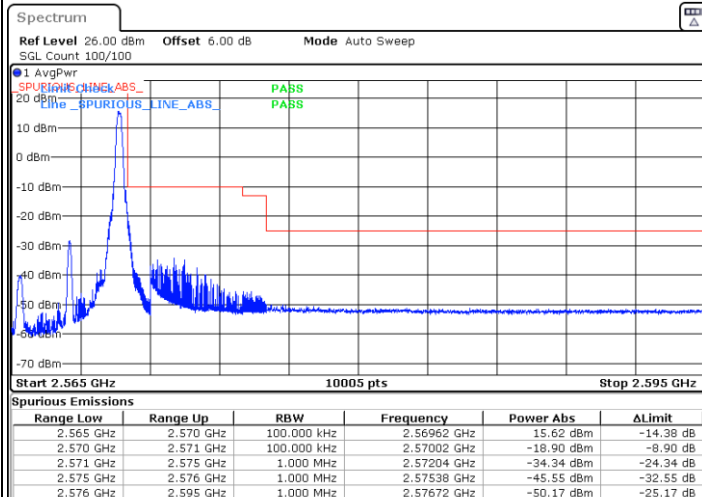


FR1 n7 / 5MHz / DFT-S OFDM / 256Q

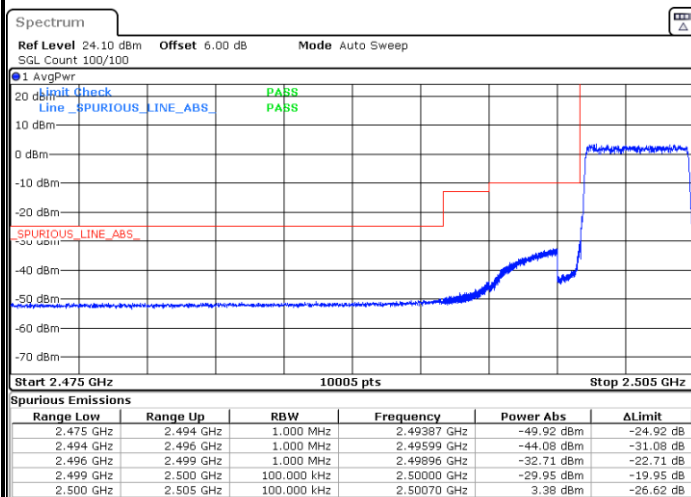
Lowest Band Edge / 1RB0



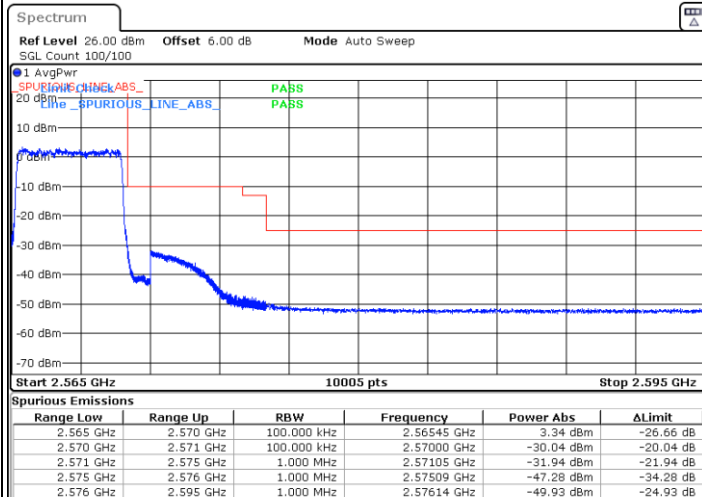
Highest Band Edge / 1RBMAX



Lowest Band Edge / Full RB



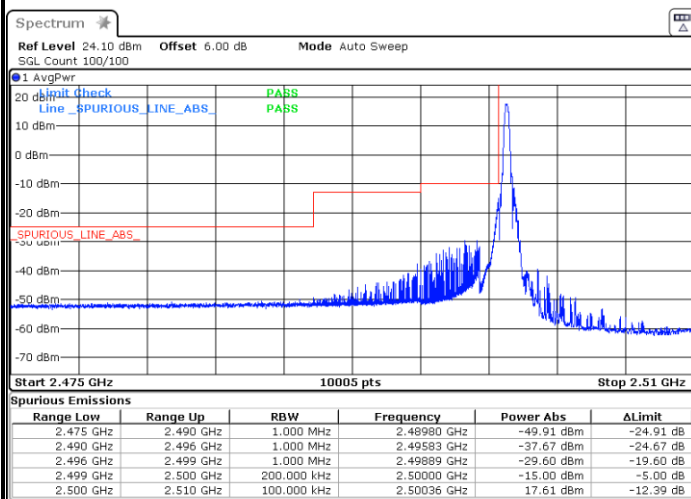
Highest Band Edge / Full RB



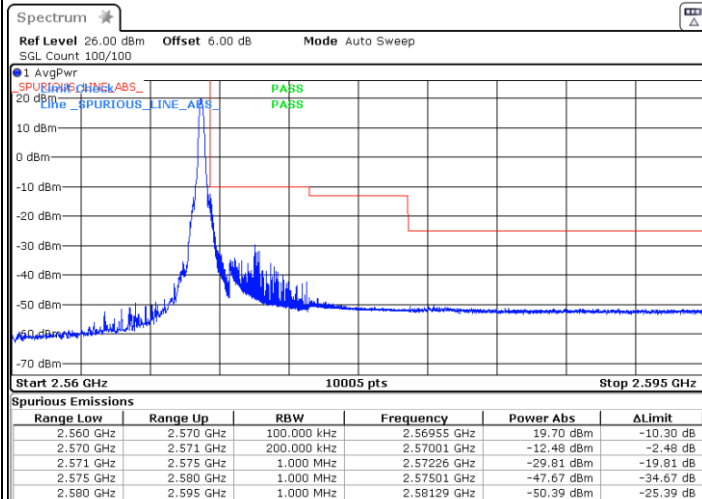


FR1 n7 / 10MHz / DFT-s-OFDM / PI/2 BPSK

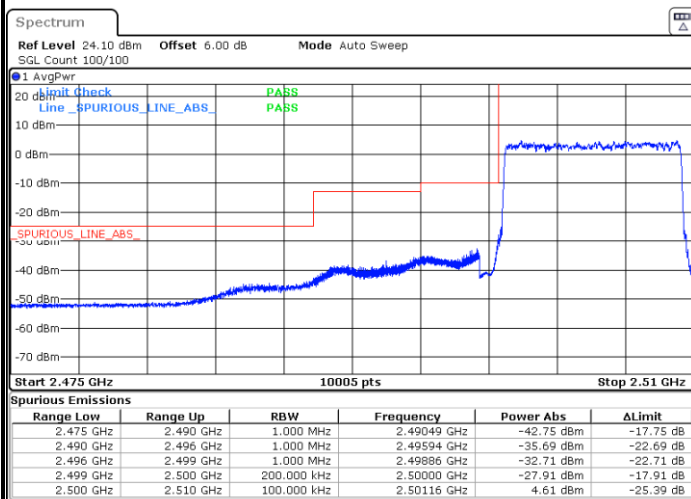
Lowest Band Edge / 1RB0



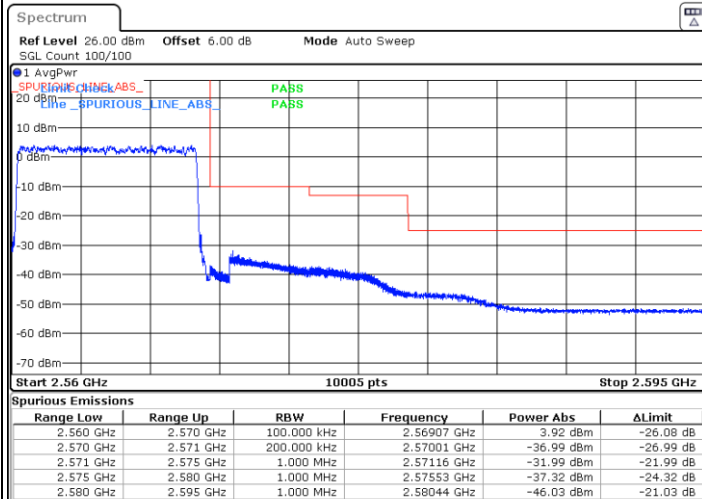
Highest Band Edge / 1RBMAX



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

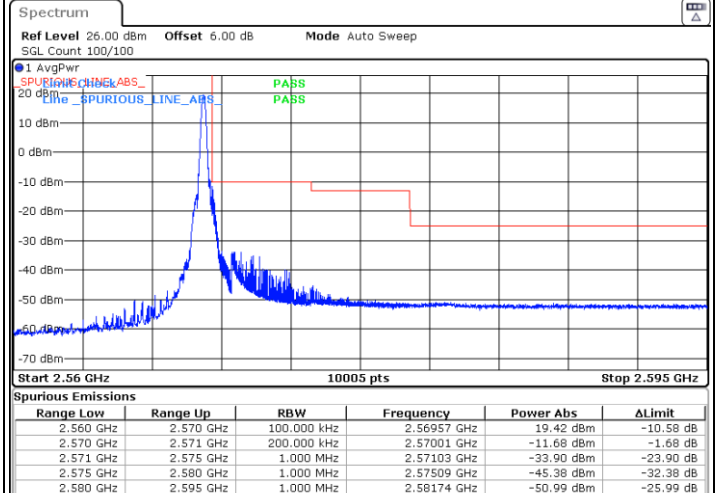
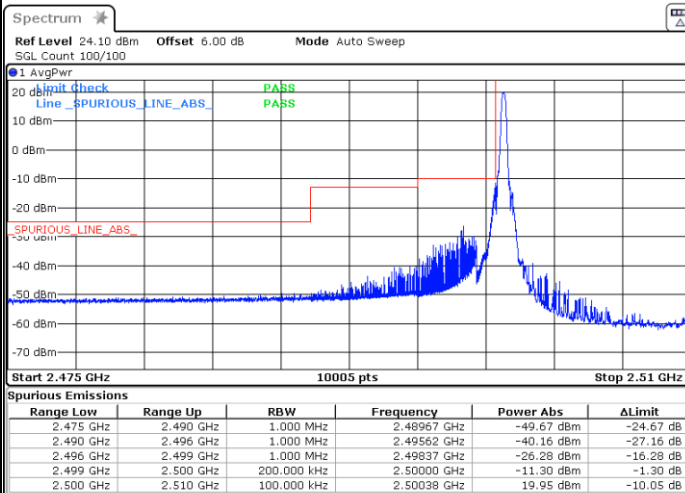




FR1 n7 / 10MHz / DFT-s-OFDM / QPSK

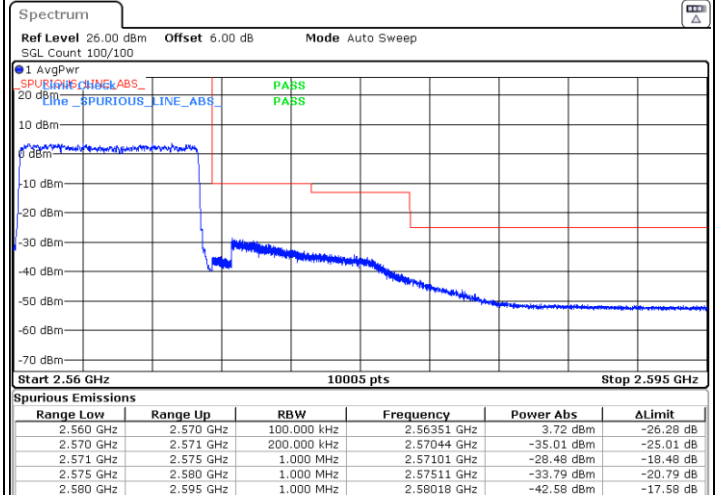
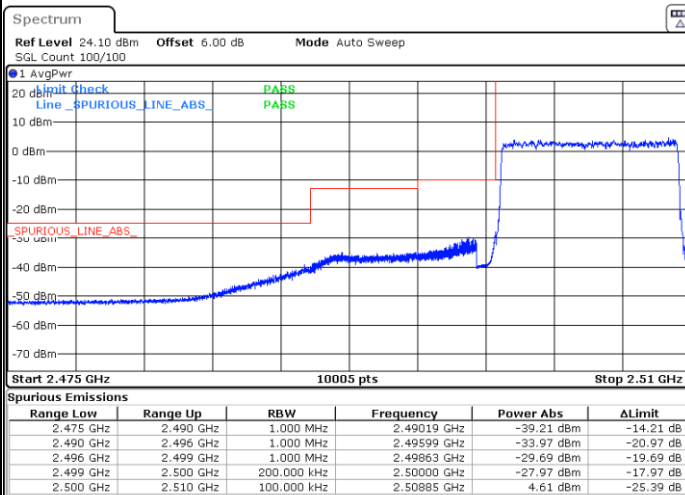
Lowest Band Edge / 1RB0

Highest Band Edge / 1RBMAX



Lowest Band Edge / Full RB

Highest Band Edge / Full RB

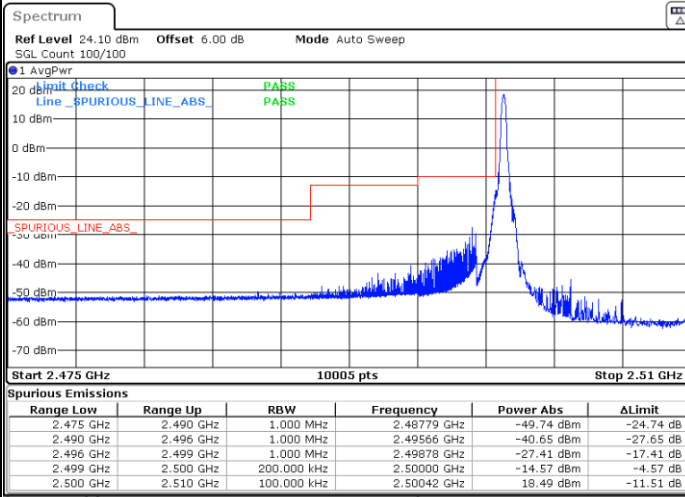




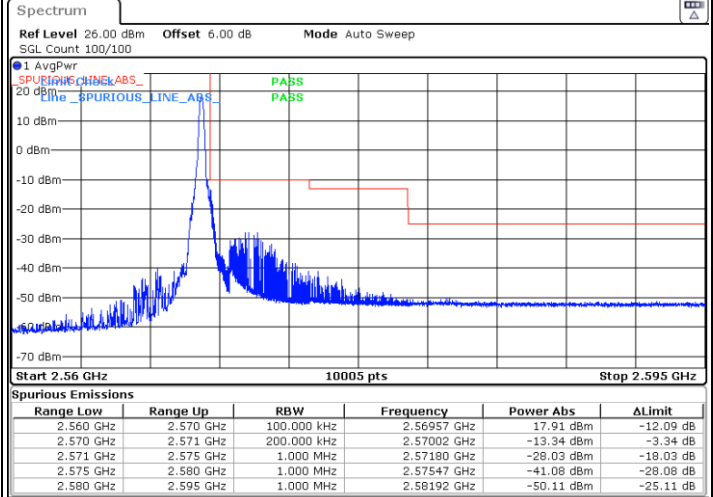
FR1 n7 / 10MHz / DFT-s-OFDM / 16QAM

Lowest Band Edge / 1RB0

Highest Band Edge / 1RBMAX



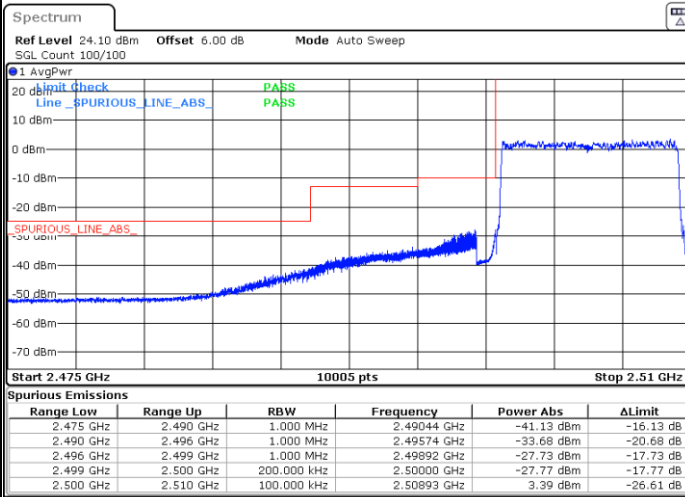
Date: 11.MAR.2022 16:35:19



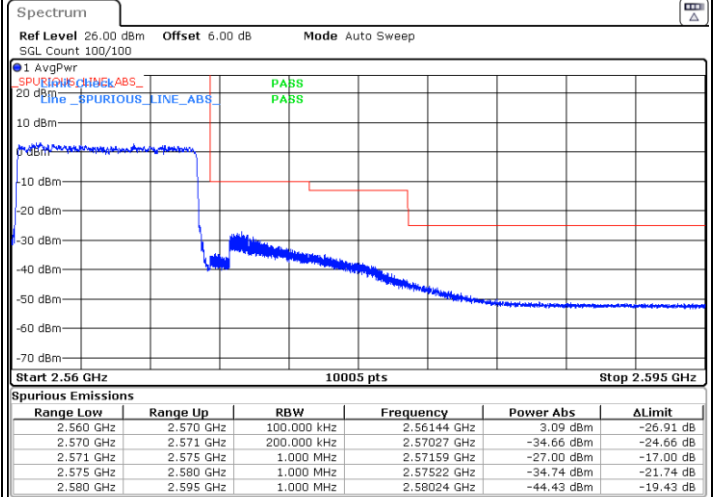
Date: 11.MAR.2022 16:53:12

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 11.MAR.2022 16:44:40



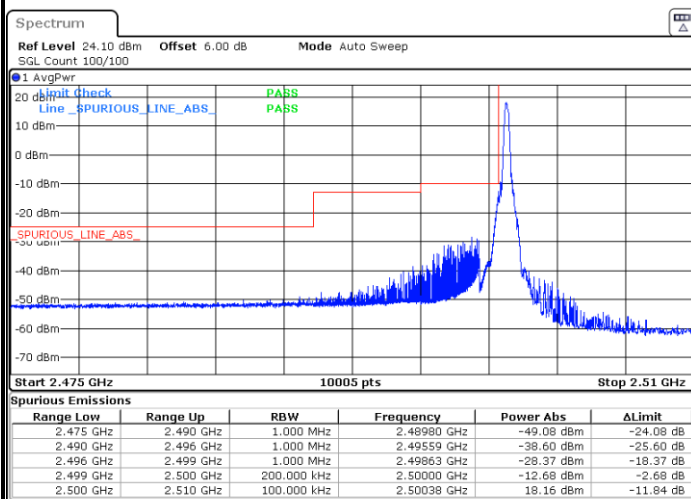
Date: 11.MAR.2022 16:51:23



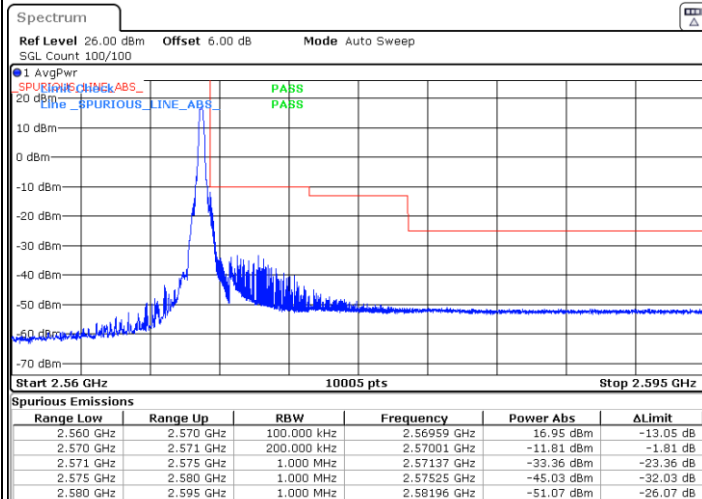
FR1 n7 / 10MHz / DFT-s-OFDM / 64QAM

Lowest Band Edge / 1RB0

Highest Band Edge / 1RBMAX



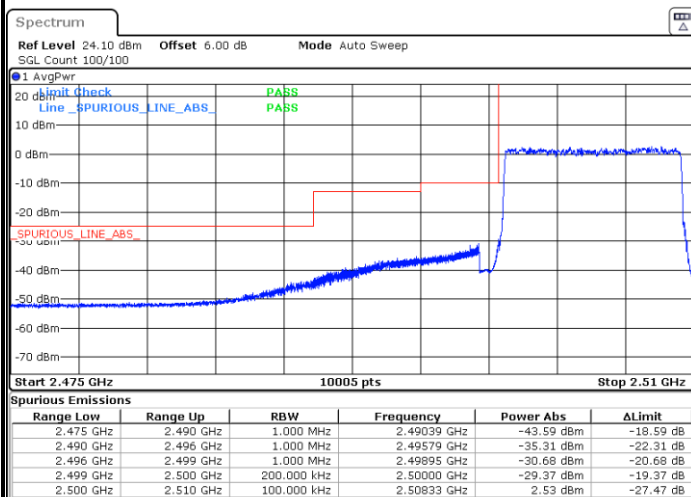
Date: 11.MAR.2022 16:38:21



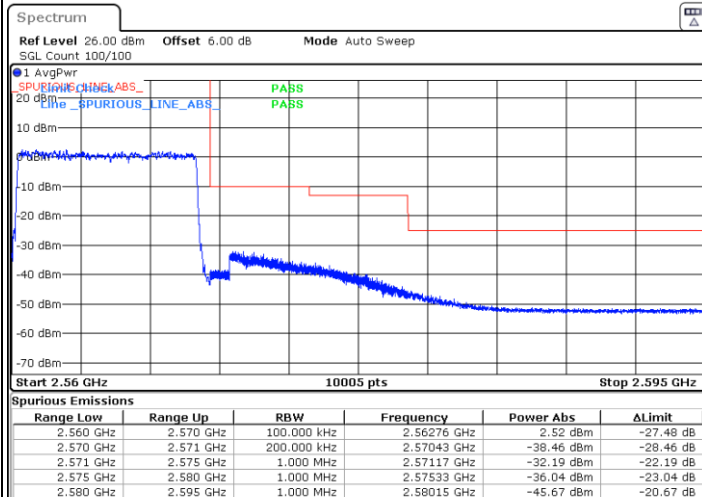
Date: 11.MAR.2022 16:52:57

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 11.MAR.2022 16:43:41



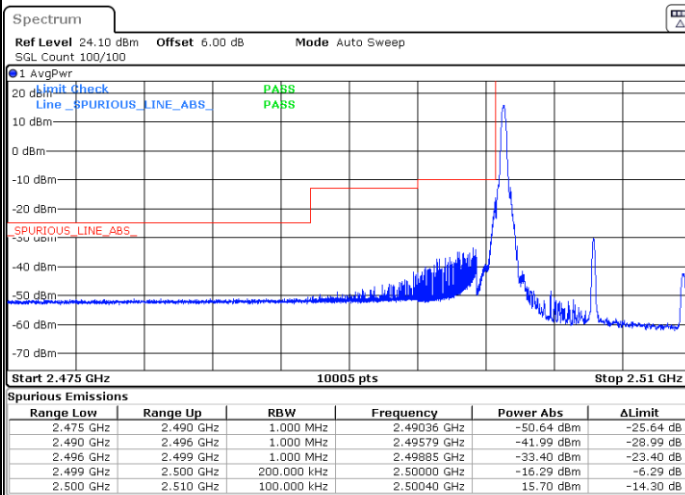
Date: 11.MAR.2022 16:51:40



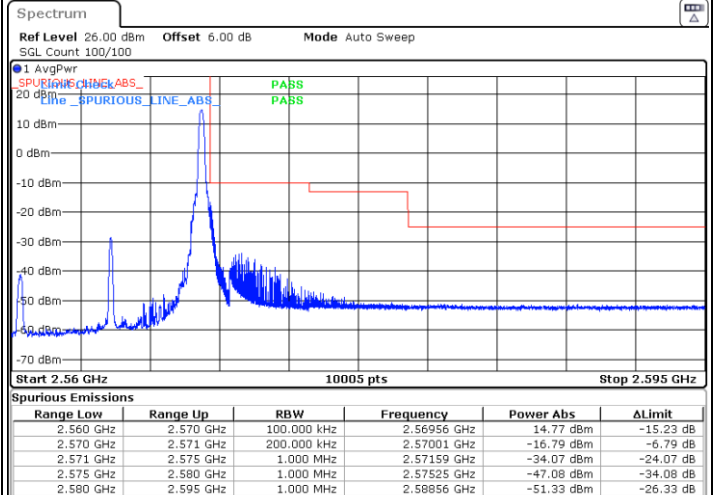
FR1 n7 / 10MHz / DFT-s-OFDM / 256QAM

Lowest Band Edge / 1RB0

Highest Band Edge / 1RBMAX



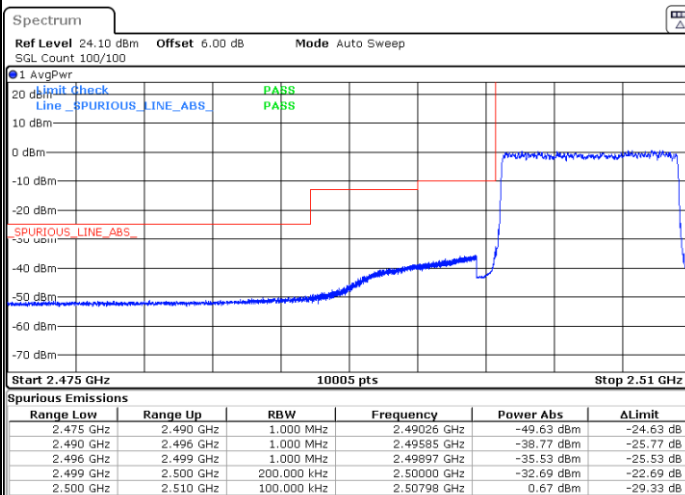
Date: 11.MAR.2022 16:40:30



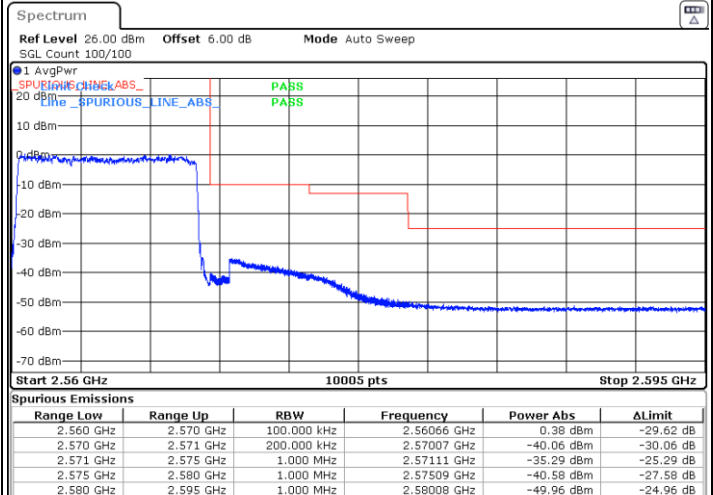
Date: 11.MAR.2022 16:52:42

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 11.MAR.2022 16:42:53



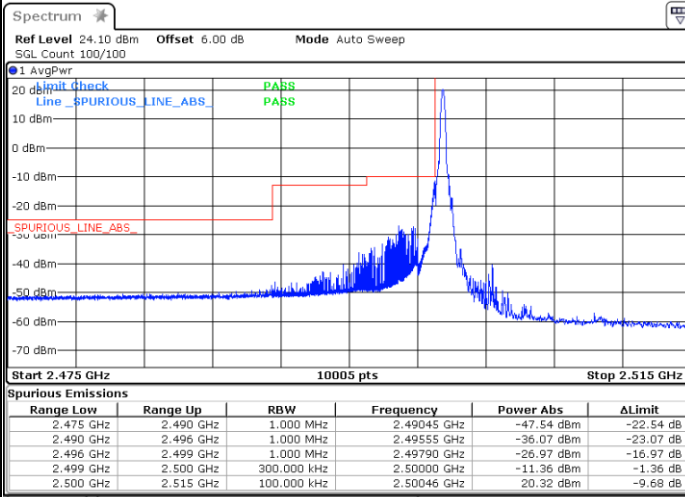
Date: 11.MAR.2022 16:52:22



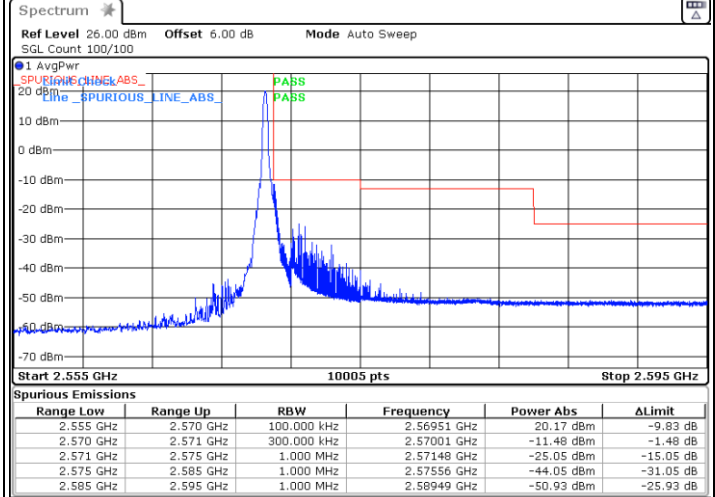
FR1 n7 / 15MHz / DFT-s-OFDM / PI/2 BPSK

Lowest Band Edge / 1RB0

Highest Band Edge / 1RBMAX



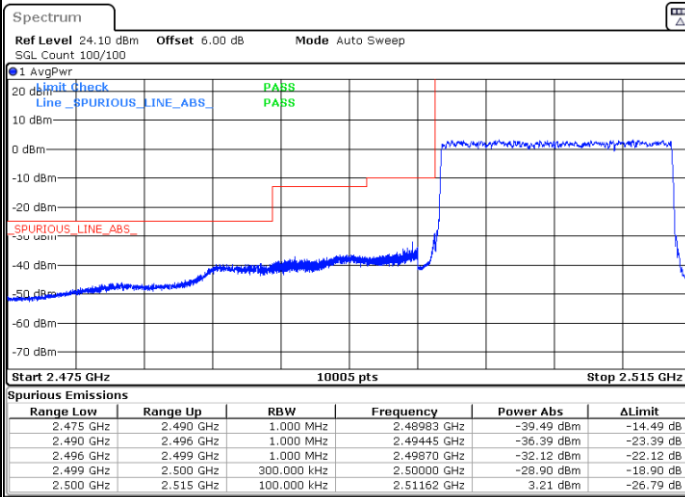
Date: 12.MAR.2022 09:15:32



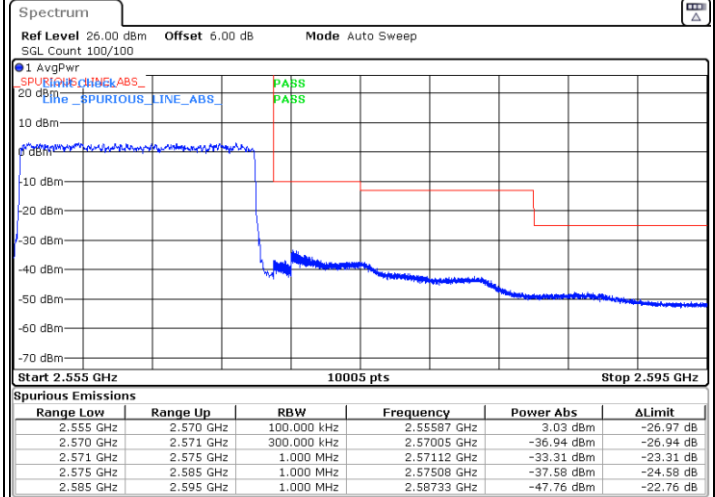
Date: 12.MAR.2022 09:43:30

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 12.MAR.2022 09:32:27



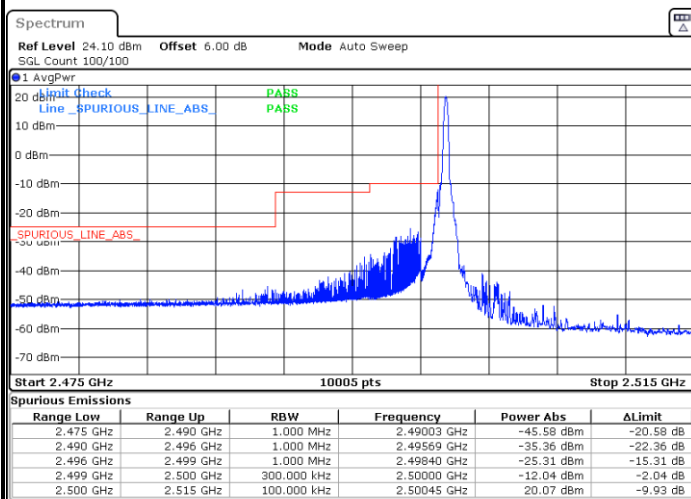
Date: 12.MAR.2022 09:34:43



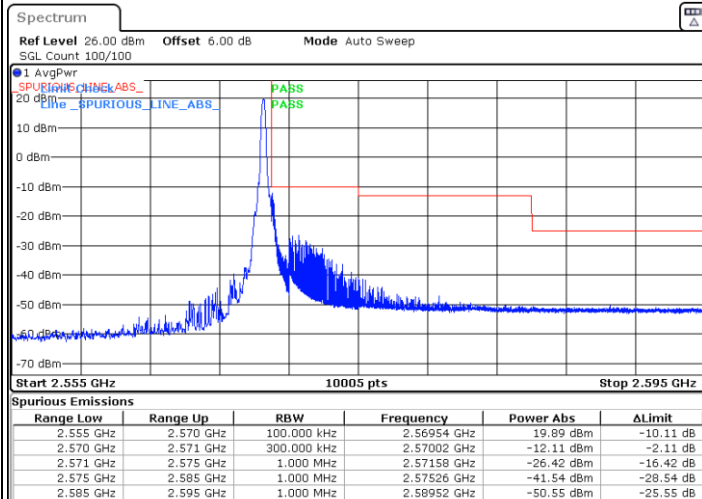
FR1 n7 / 15MHz / DFT-s-OFDM / QPSK

Lowest Band Edge / 1RB0

Highest Band Edge / 1RBMAX



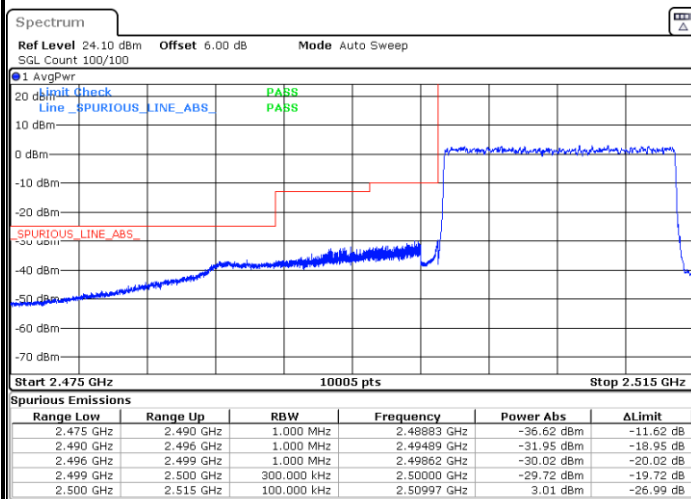
Date: 12.MAR.2022 09:18:52



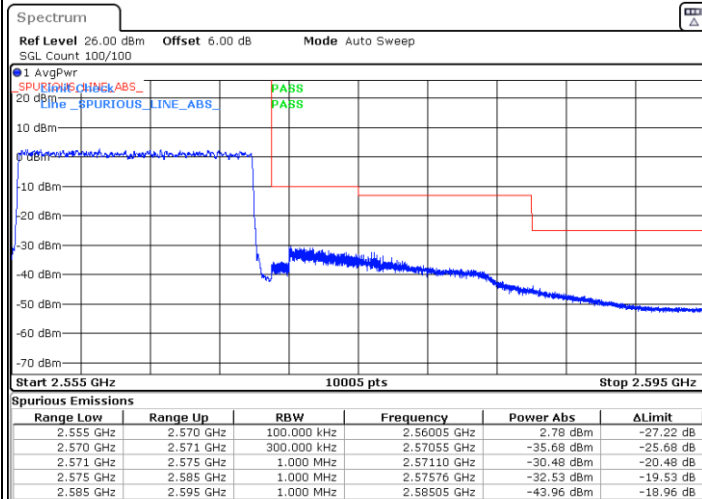
Date: 12.MAR.2022 09:44:46

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 12.MAR.2022 09:28:57



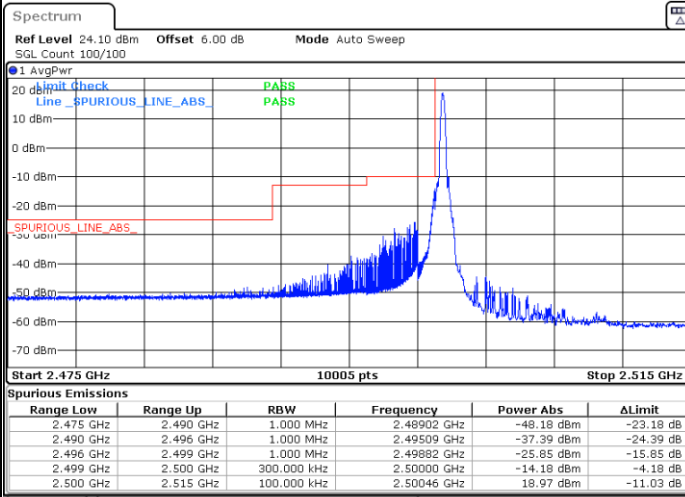
Date: 12.MAR.2022 09:39:58



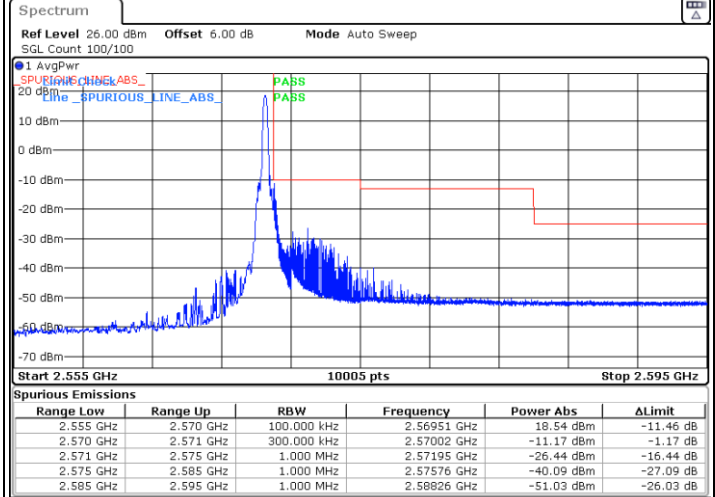
FR1 n7 / 15MHz / DFT-s-OFDM / 16QAM

Lowest Band Edge / 1RB0

Highest Band Edge / 1RBMAX



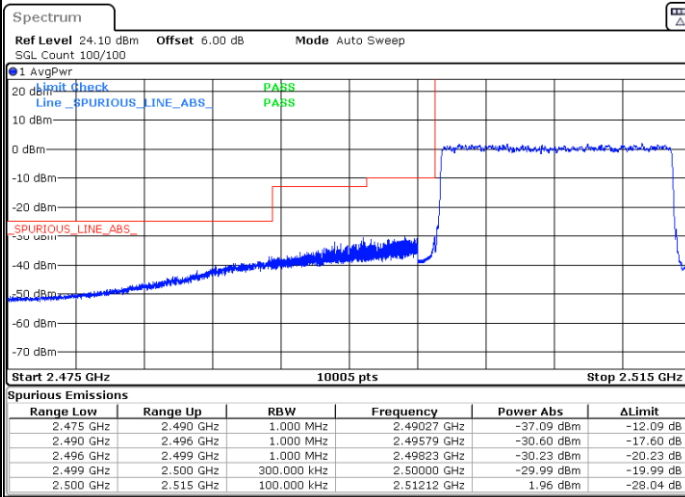
Date: 12.MAR.2022 09:19:53



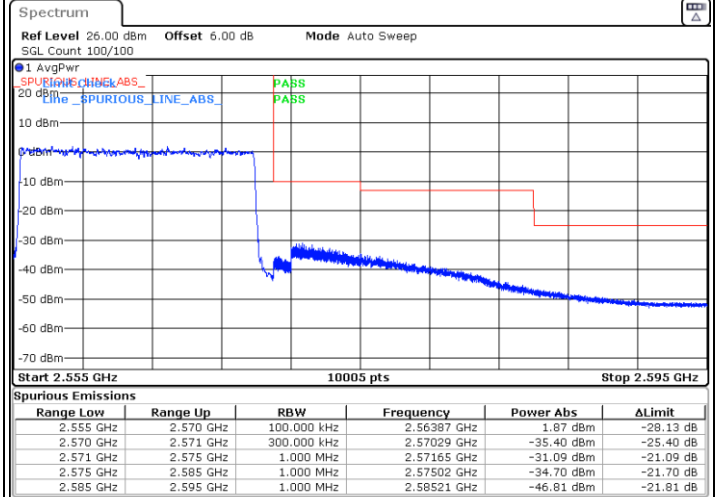
Date: 12.MAR.2022 09:46:48

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 12.MAR.2022 09:26:52



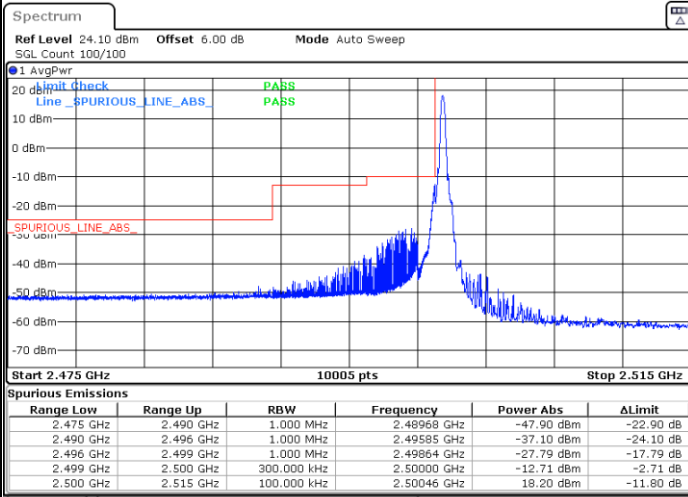
Date: 12.MAR.2022 09:38:42



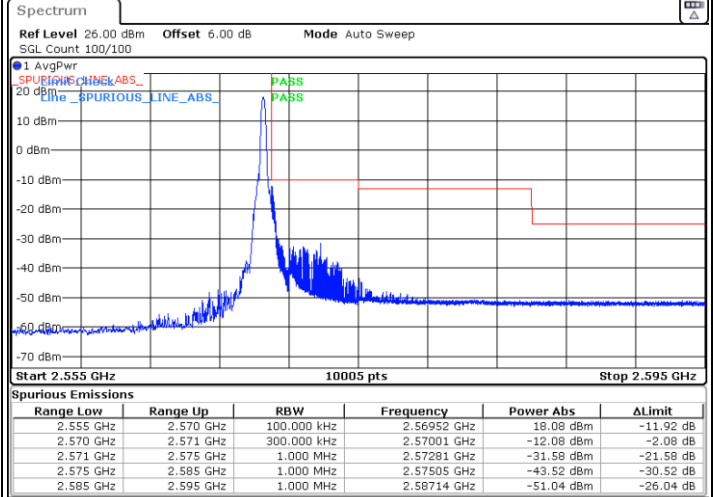
FR1 n7 / 15MHz / DFT-s-OFDM / 64QAM

Lowest Band Edge / 1RB0

Highest Band Edge / 1RBMAX



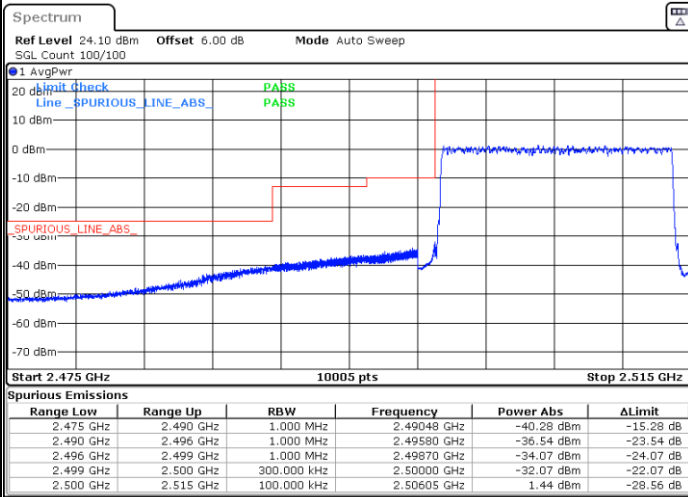
Date: 12.MAR.2022 09:21:17



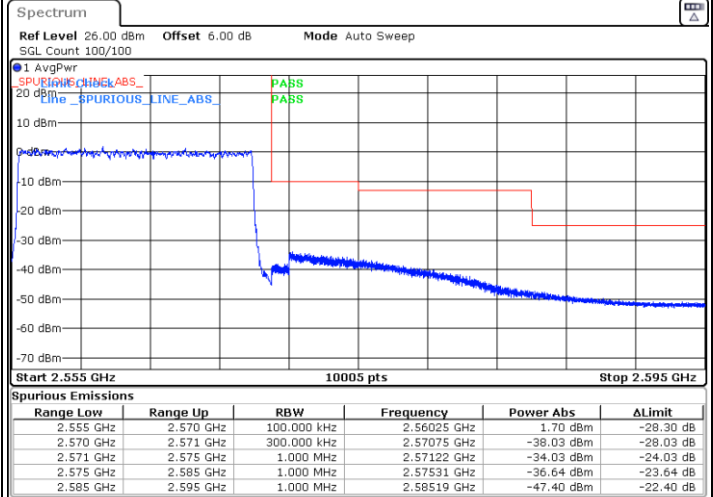
Date: 12.MAR.2022 09:47:26

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 12.MAR.2022 09:25:09



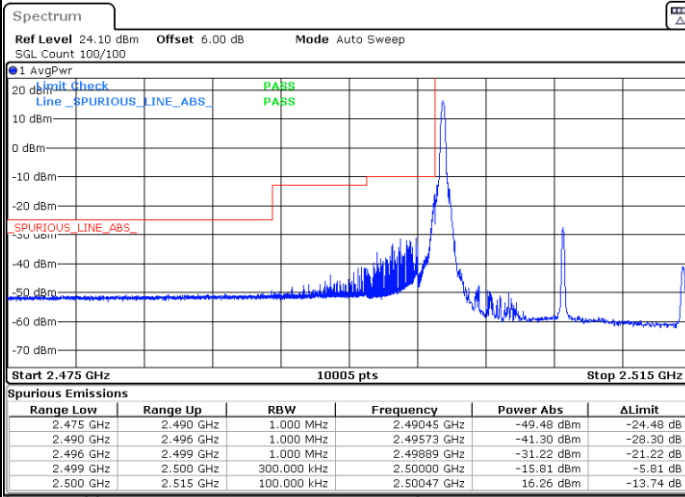
Date: 12.MAR.2022 09:38:06



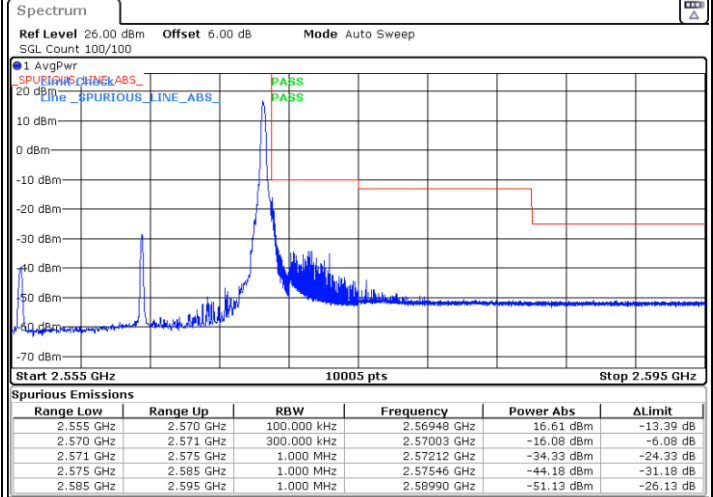
FR1 n7 / 15MHz / DFT-s-OFDM / 256QAM

Lowest Band Edge / 1RB0

Highest Band Edge / 1RBMAX



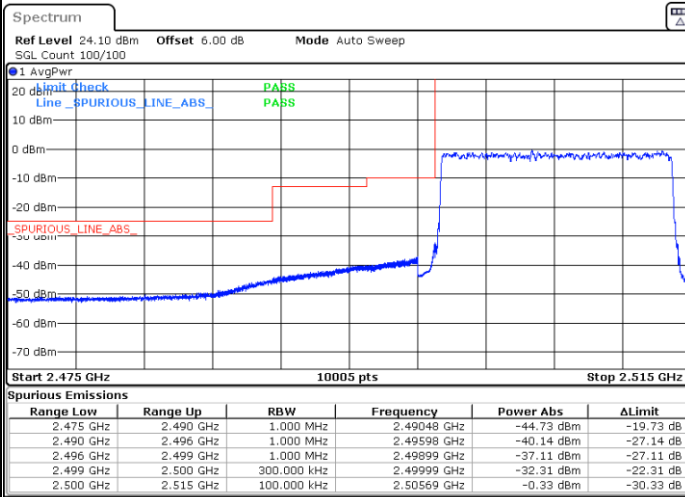
Date: 12.MAR.2022 09:22:34



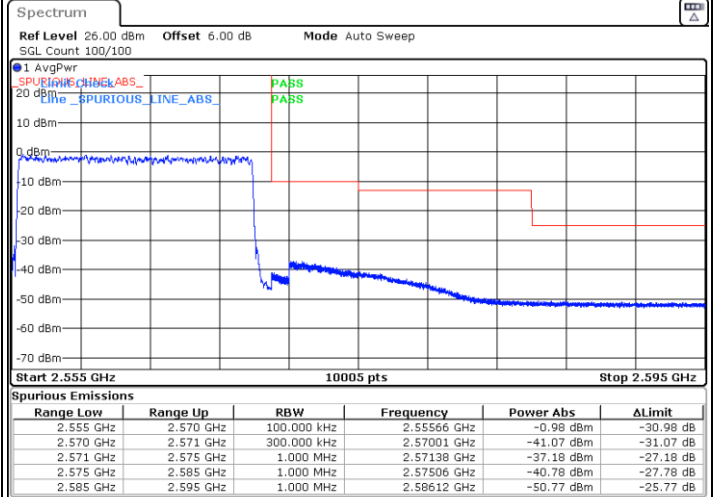
Date: 12.MAR.2022 09:49:00

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 12.MAR.2022 09:23:29



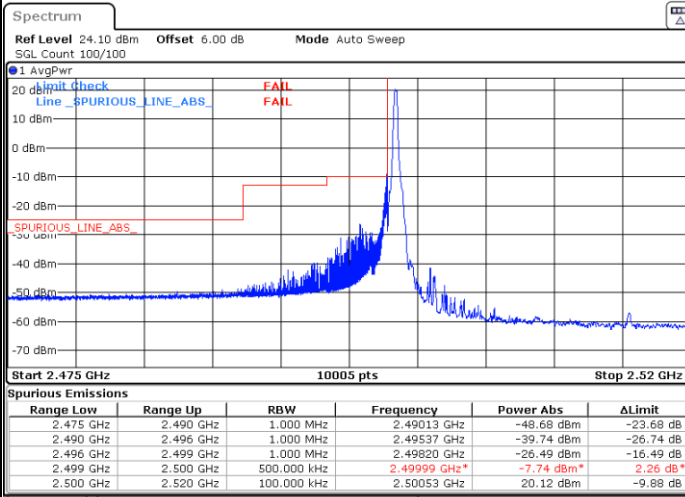
Date: 12.MAR.2022 09:50:05



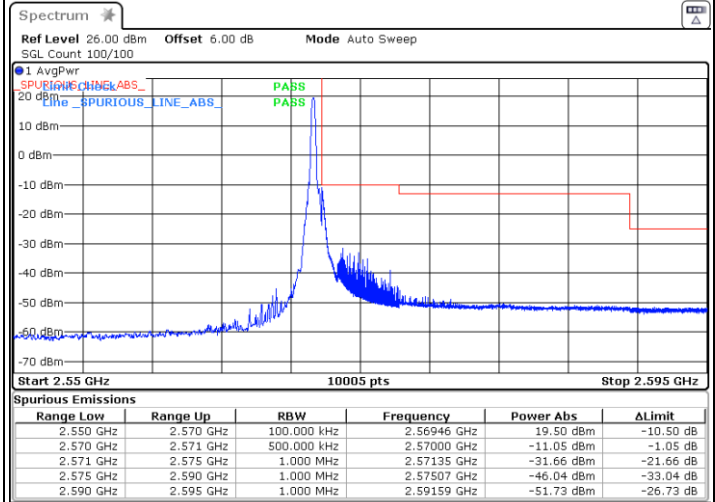
FR1 n7 / 20MHz / DFT-s-OFDM / PI/2 BPSK

Lowest Band Edge / 1RB0

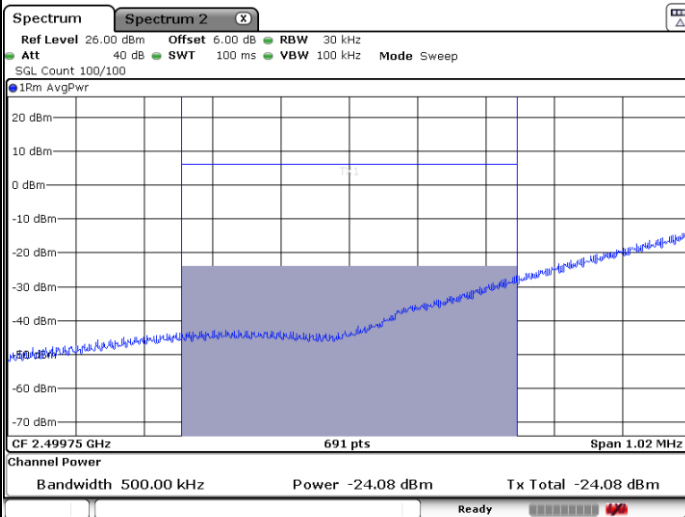
Highest Band Edge / 1RBMAX



Date: 12.MAR.2022 10:14:43



Date: 12.MAR.2022 10:53:36

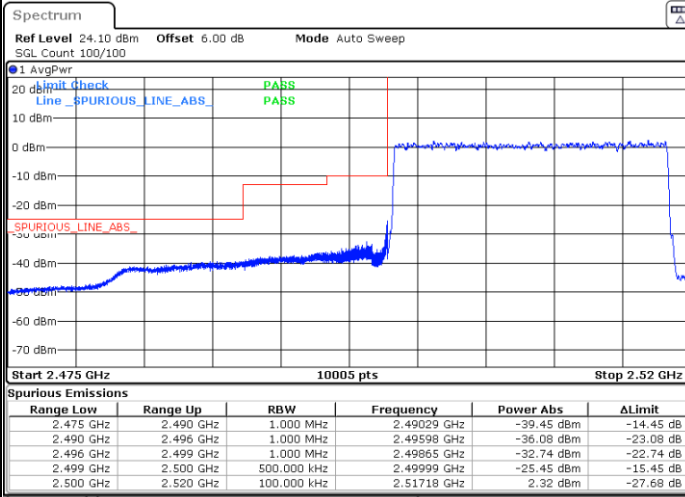


Date: 12.MAR.2022 13:37:02

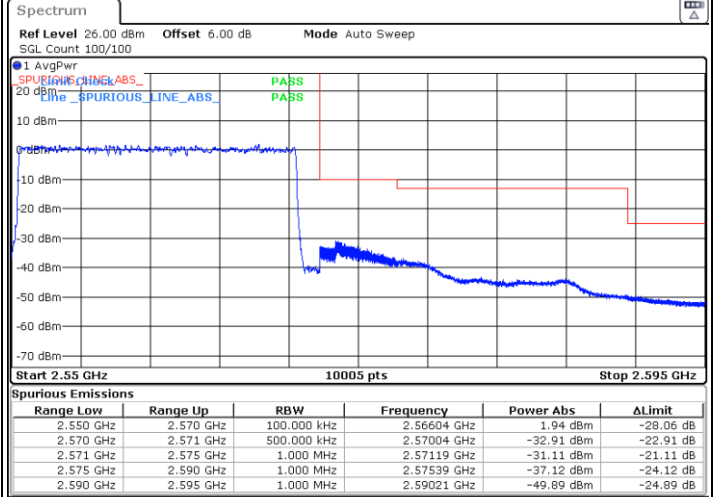


Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 12.MAR.2022 10:26:23



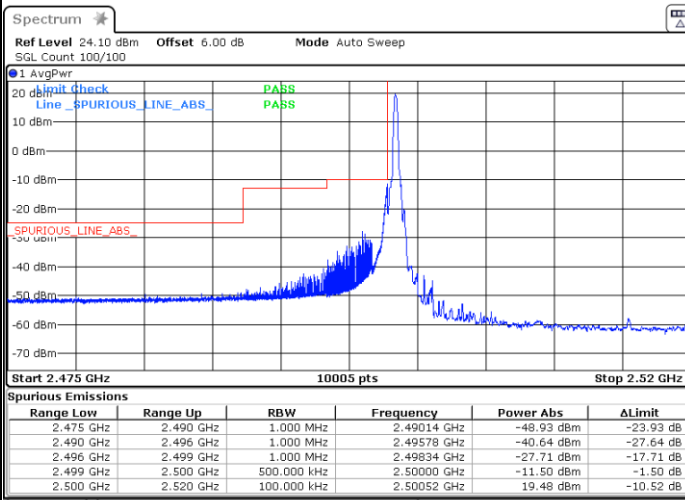
Date: 12.MAR.2022 10:43:01



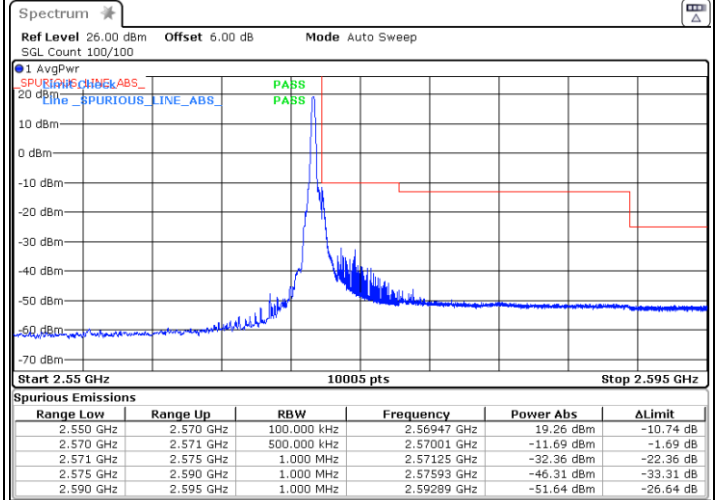
FR1 n7 / 20MHz / DFT-s-OFDM / QPSK

Lowest Band Edge / 1RB0

Highest Band Edge / 1RBMAX



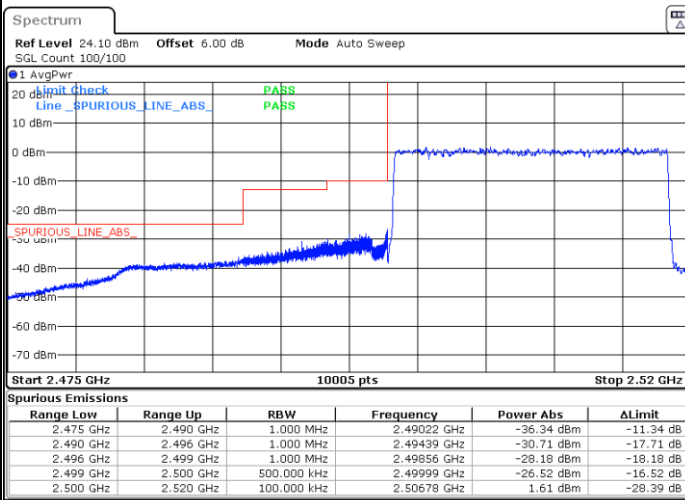
Date: 12.MAR.2022 10:22:52



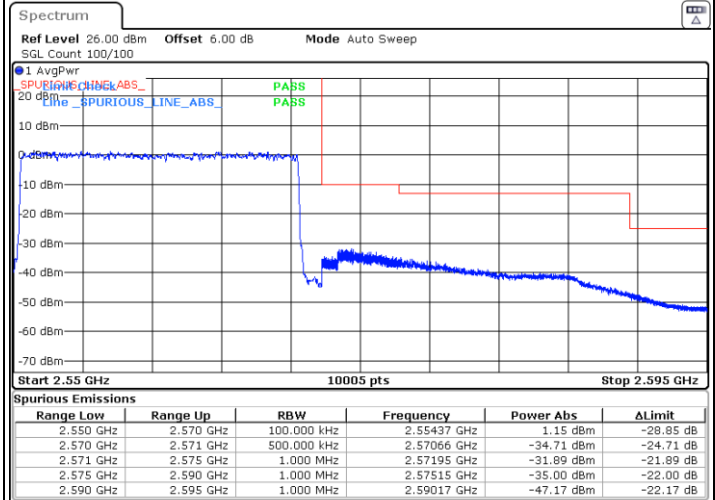
Date: 12.MAR.2022 10:51:22

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 12.MAR.2022 10:28:40



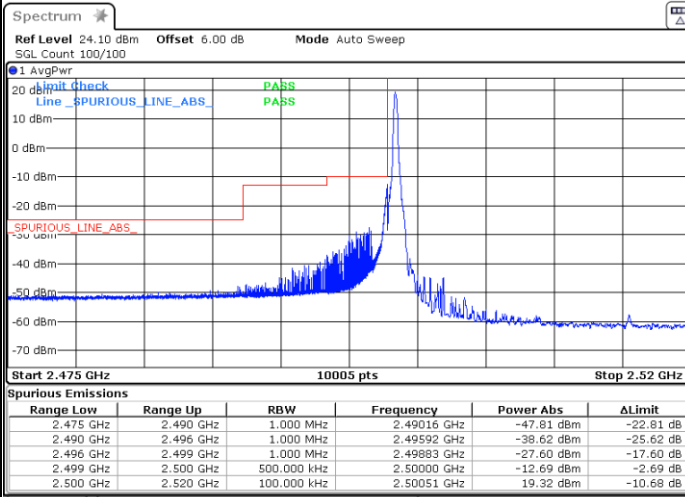
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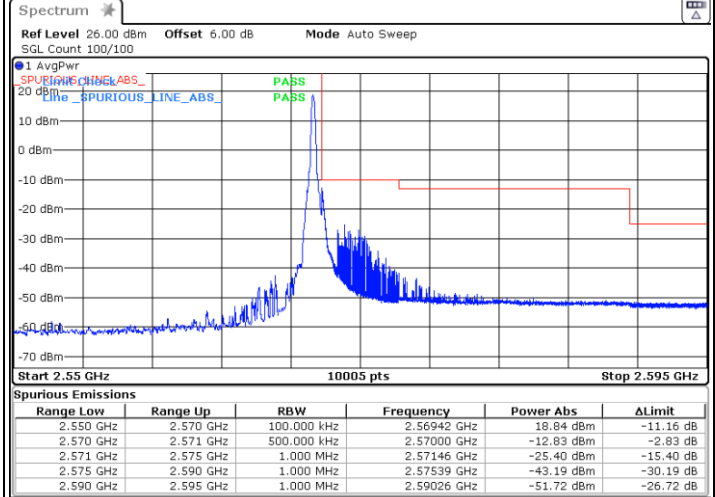
FR1 n7 / 20MHz / DFT-s-OFDM / 16QAM

Lowest Band Edge / 1RB0

Highest Band Edge / 1RBMAX



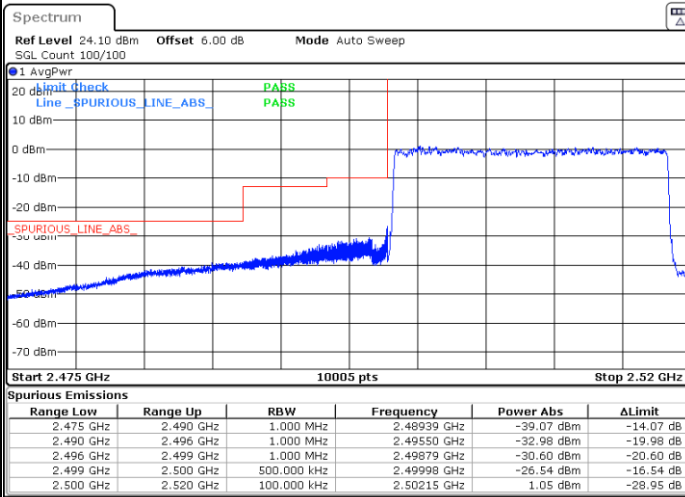
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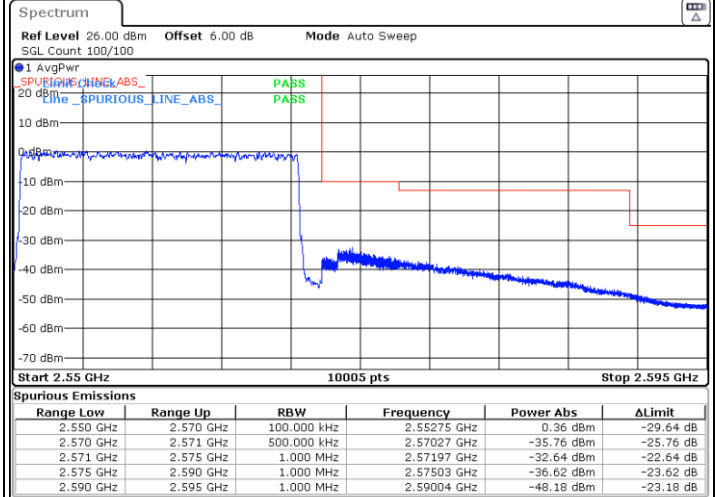
Date: 12.MAR.2022 10:49:26

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 12.MAR.2022 10:30:06



Date: 12.MAR.2022 10:43:52