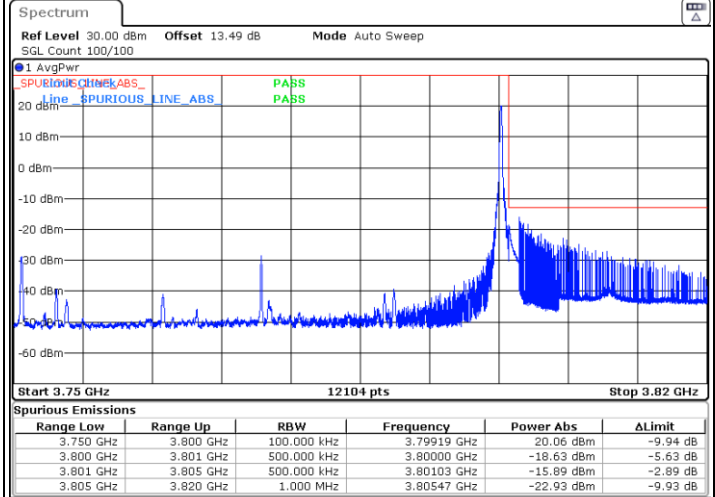
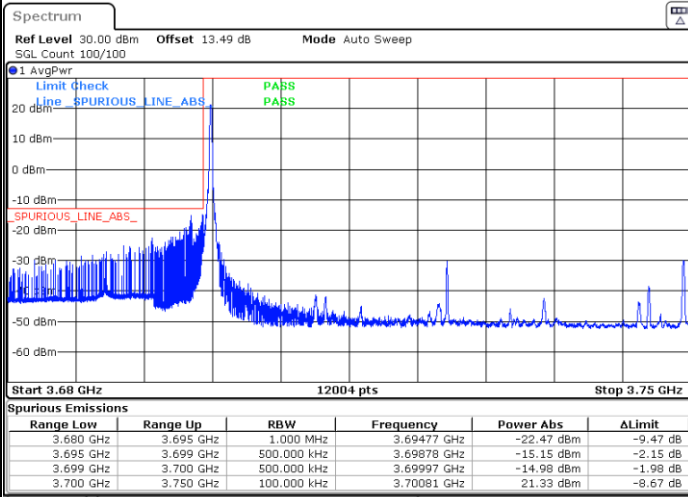




FR1 n78 / 50MHz / DFT-S OFDM / 16Q

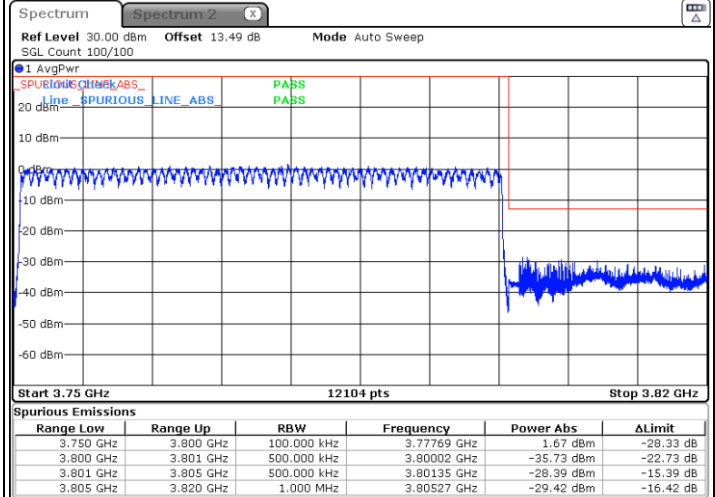
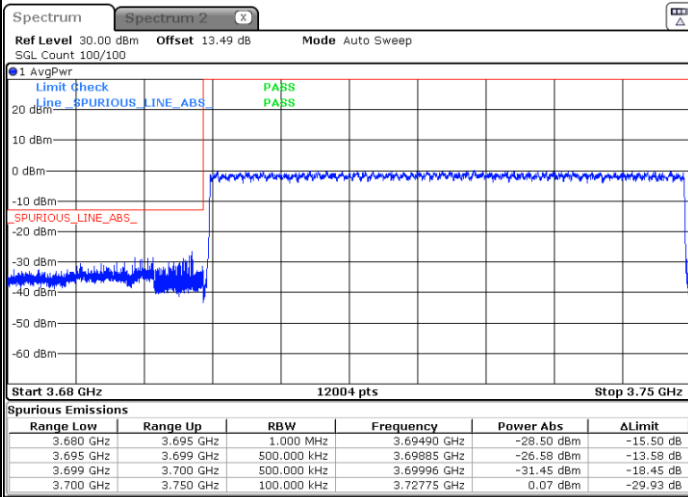
Lowest Band Edge / 1RB0

Highest Band Edge / 1RBmax



Lowest Band Edge / Full RB

Highest Band Edge / Full RB

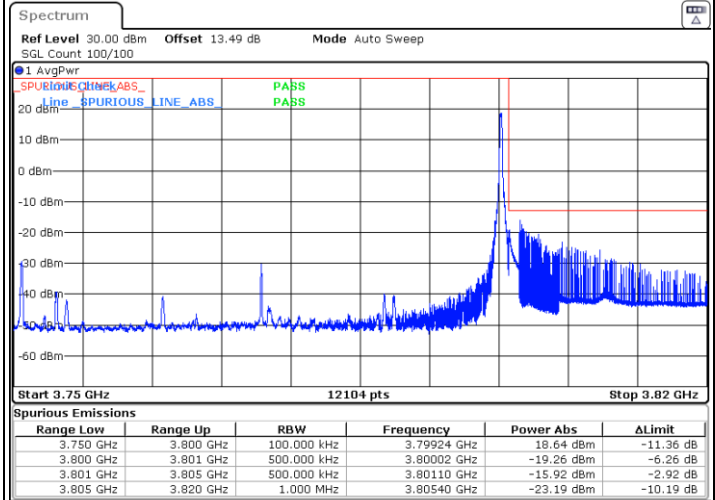
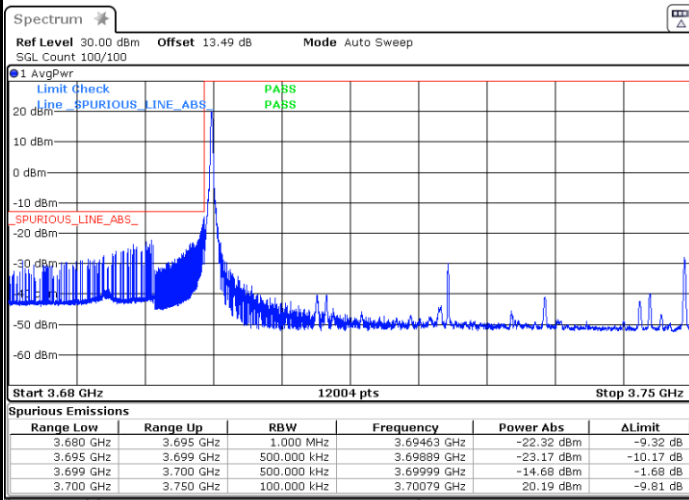




FR1 n78 / 50MHz / DFT-S OFDM / 64Q

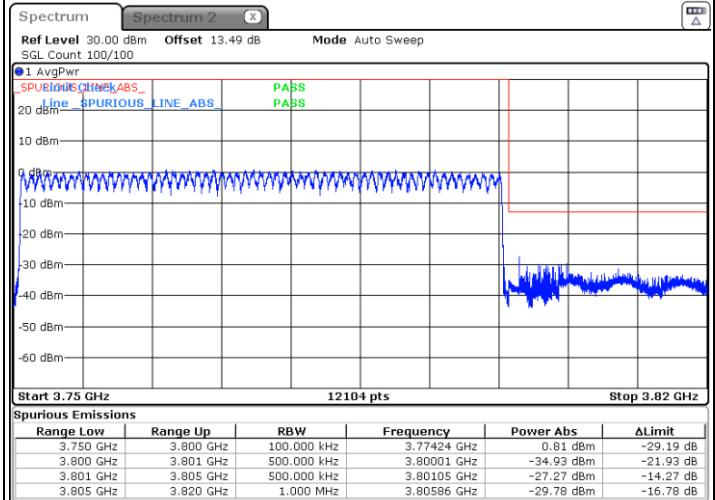
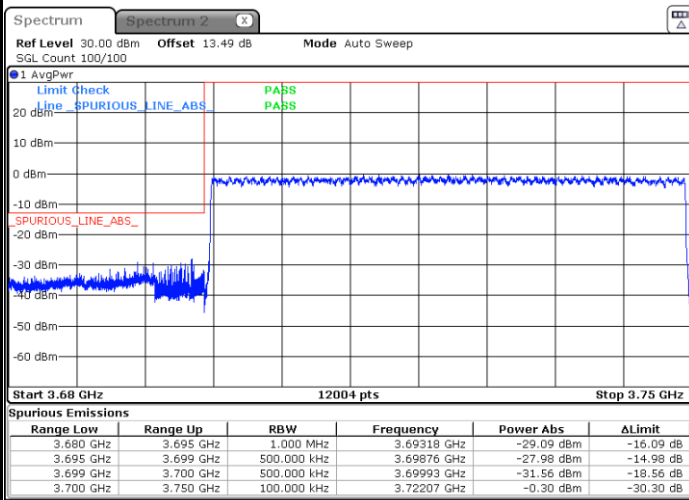
Lowest Band Edge / 1RB0

Highest Band Edge / 1RBmax



Lowest Band Edge / Full RB

Highest Band Edge / Full RB

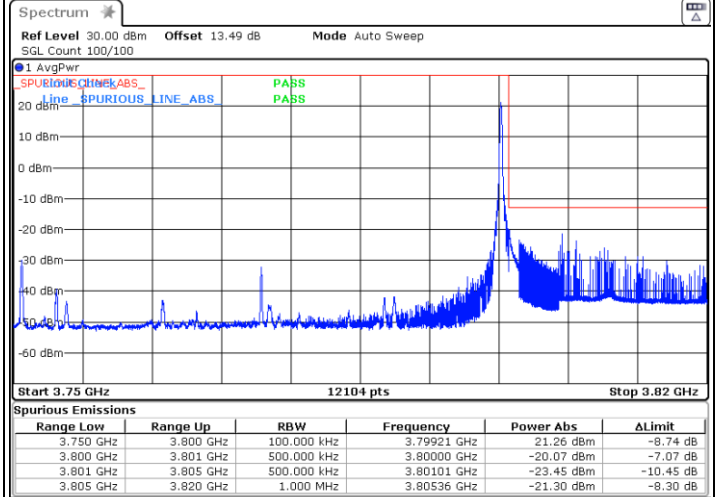
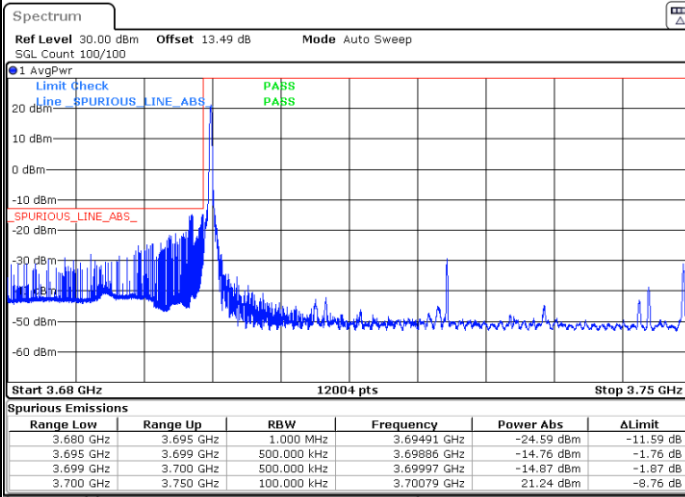




FR1 n78 /50MHz / DFT-S OFDM / 256Q

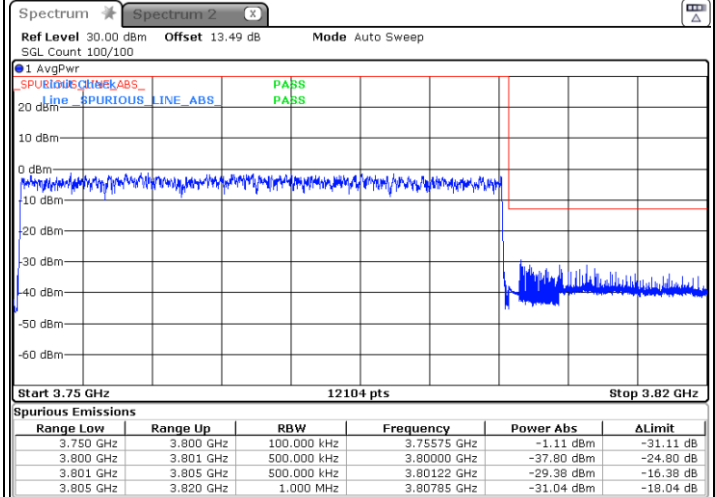
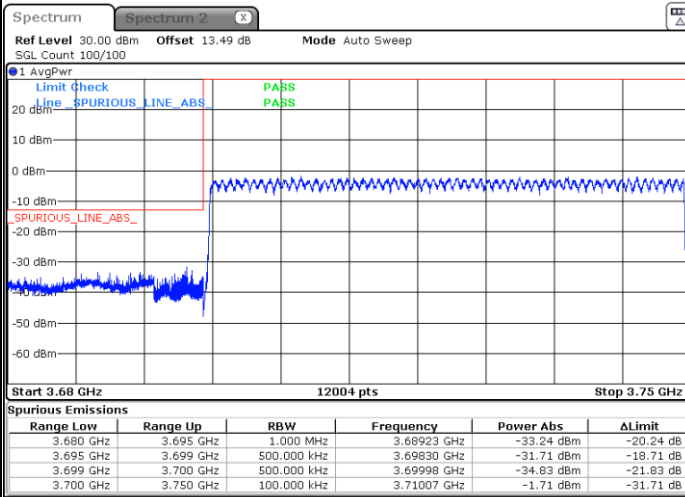
Lowest Band Edge / 1RB0

Highest Band Edge / 1RBmax



Lowest Band Edge / Full RB

Highest Band Edge / Full RB



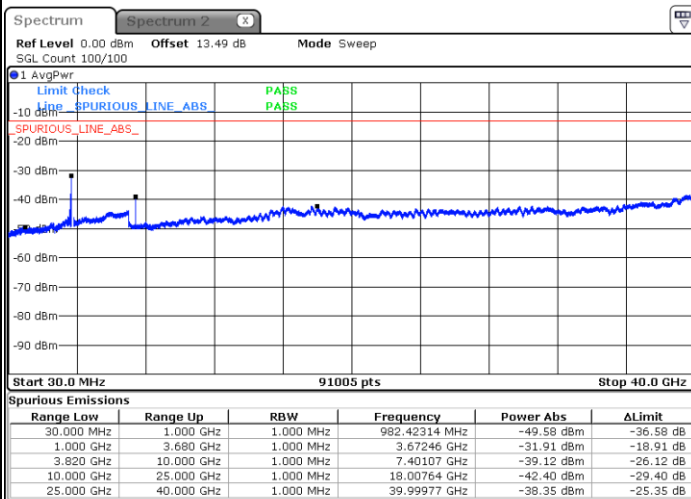


Conducted Spurious Emission

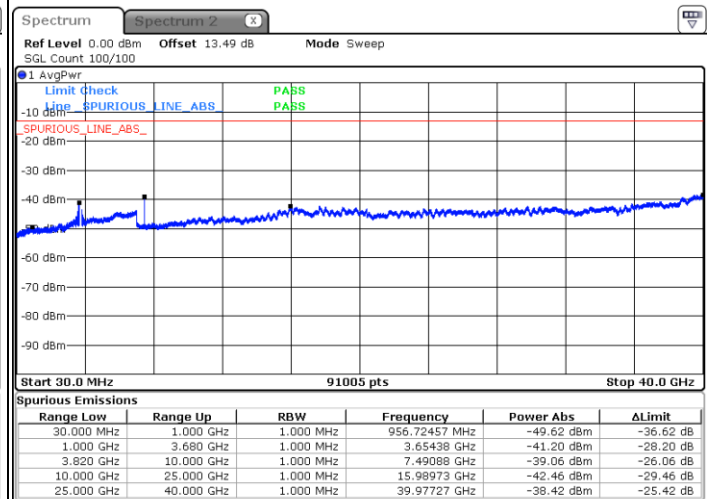
FR1 n78 / 10MHz / DFT-S OFDM / QPSK

Lowest Channel / 1RB1

Middle Channel / 1RB1

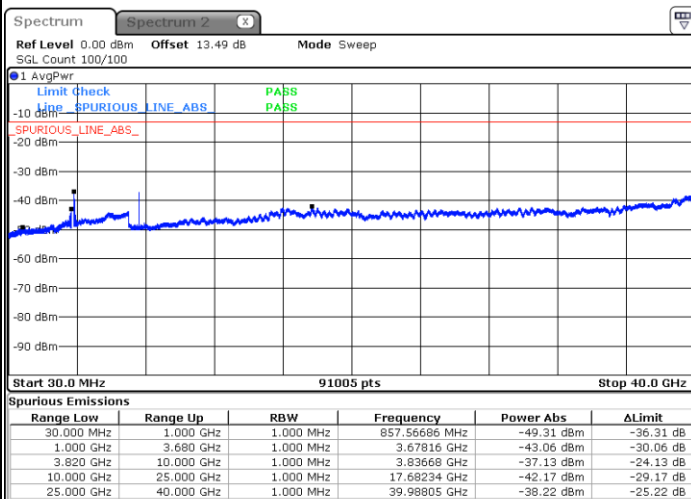


Date: 23.MAR.2022 23:06:45



Date: 23.MAR.2022 23:05:30

Highest Channel / 1RB1

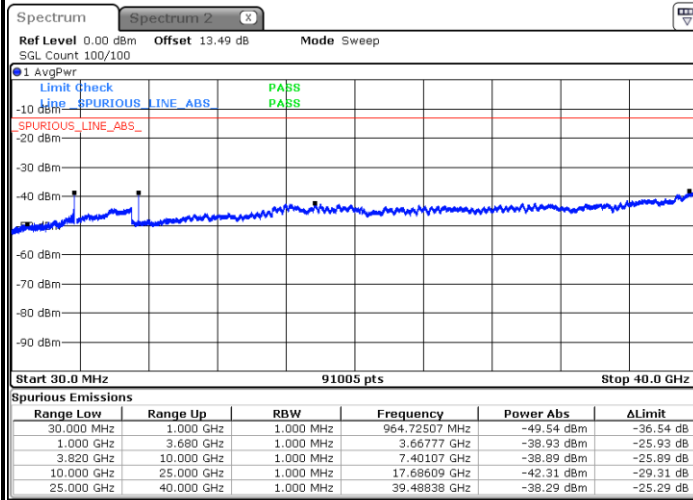


Date: 23.MAR.2022 23:04:02



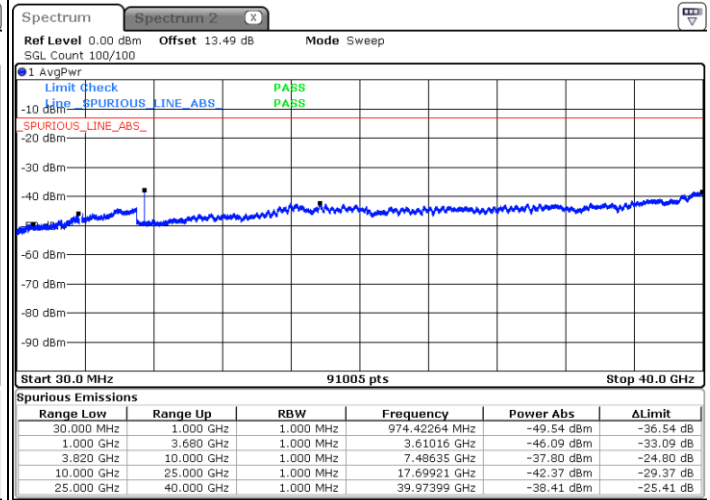
FR1 n78 / 15MHz / DFT-S OFDM / QPSK

Lowest Channel / 1RB1



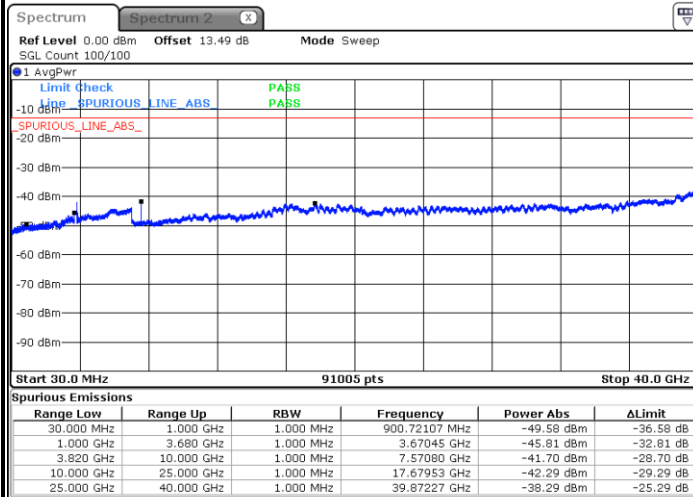
Date: 23.MAR.2022 23:14:43

Middle Channel / 1RB1



Date: 23.MAR.2022 23:08:43

Highest Channel / 1RB1

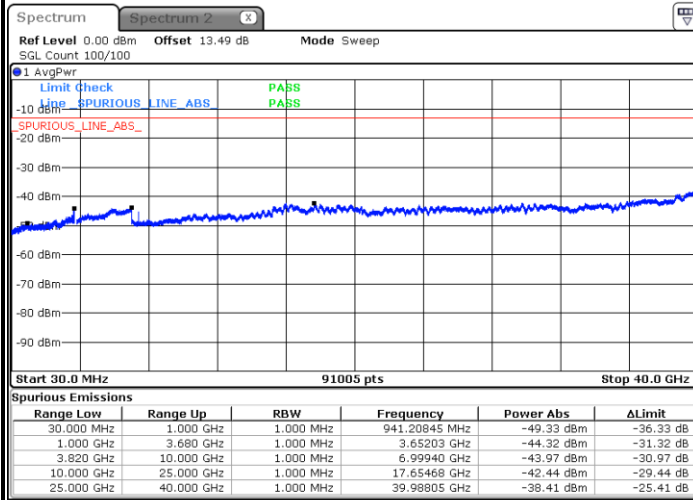


Date: 23.MAR.2022 23:34:52



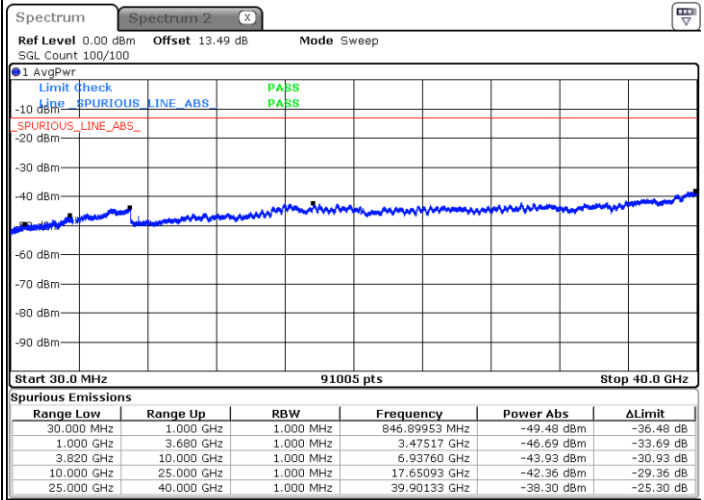
FR1 n78 / 20MHz / DFT-S OFDM / QPSK

Lowest Channel / 1RB1



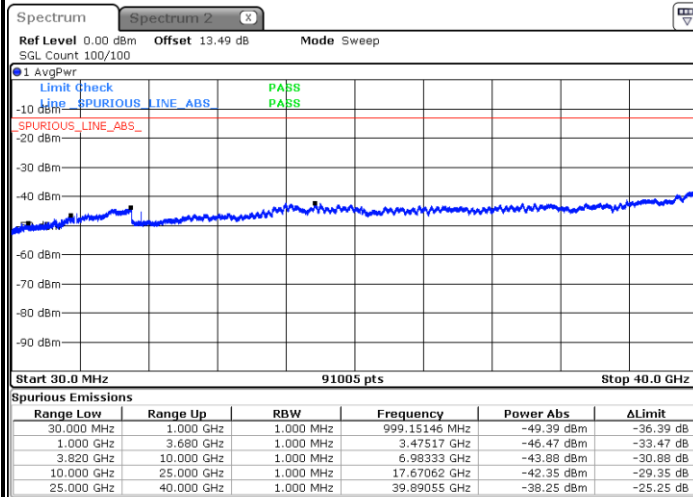
Date: 24.MAR.2022 02:37:55

Middle Channel / 1RB1



Date: 24.MAR.2022 02:36:16

Highest Channel / 1RB1

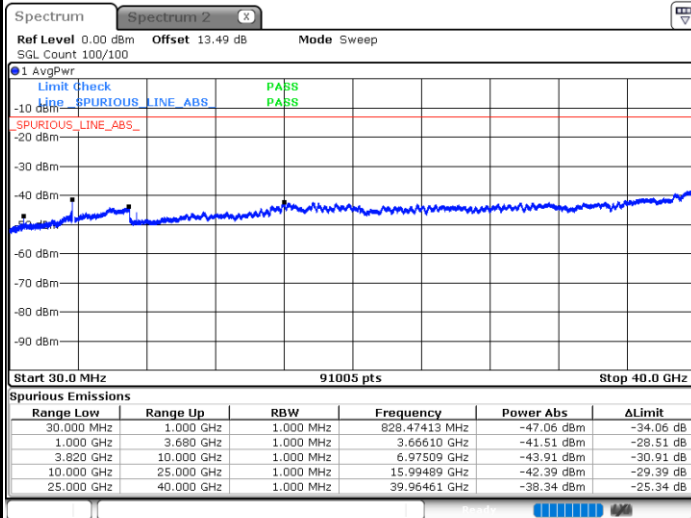


Date: 24.MAR.2022 02:39:35

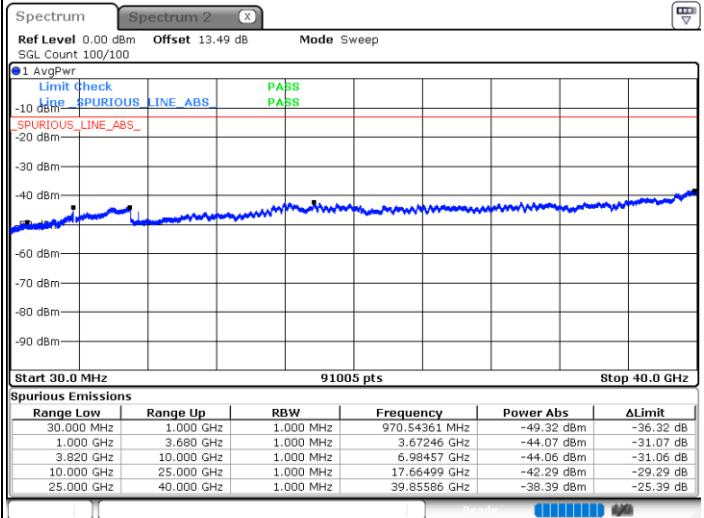


FR1 n78 / 25MHz / DFT-S OFDM / QPSK

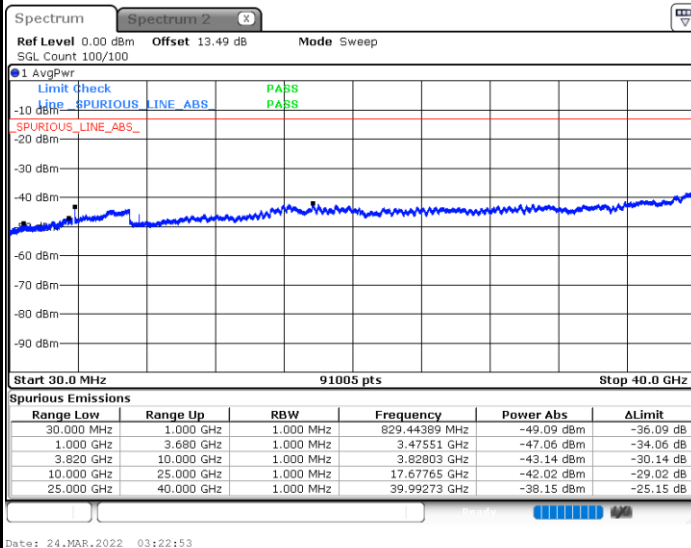
Lowest Channel / 1RB1



Middle Channel / 1RB1



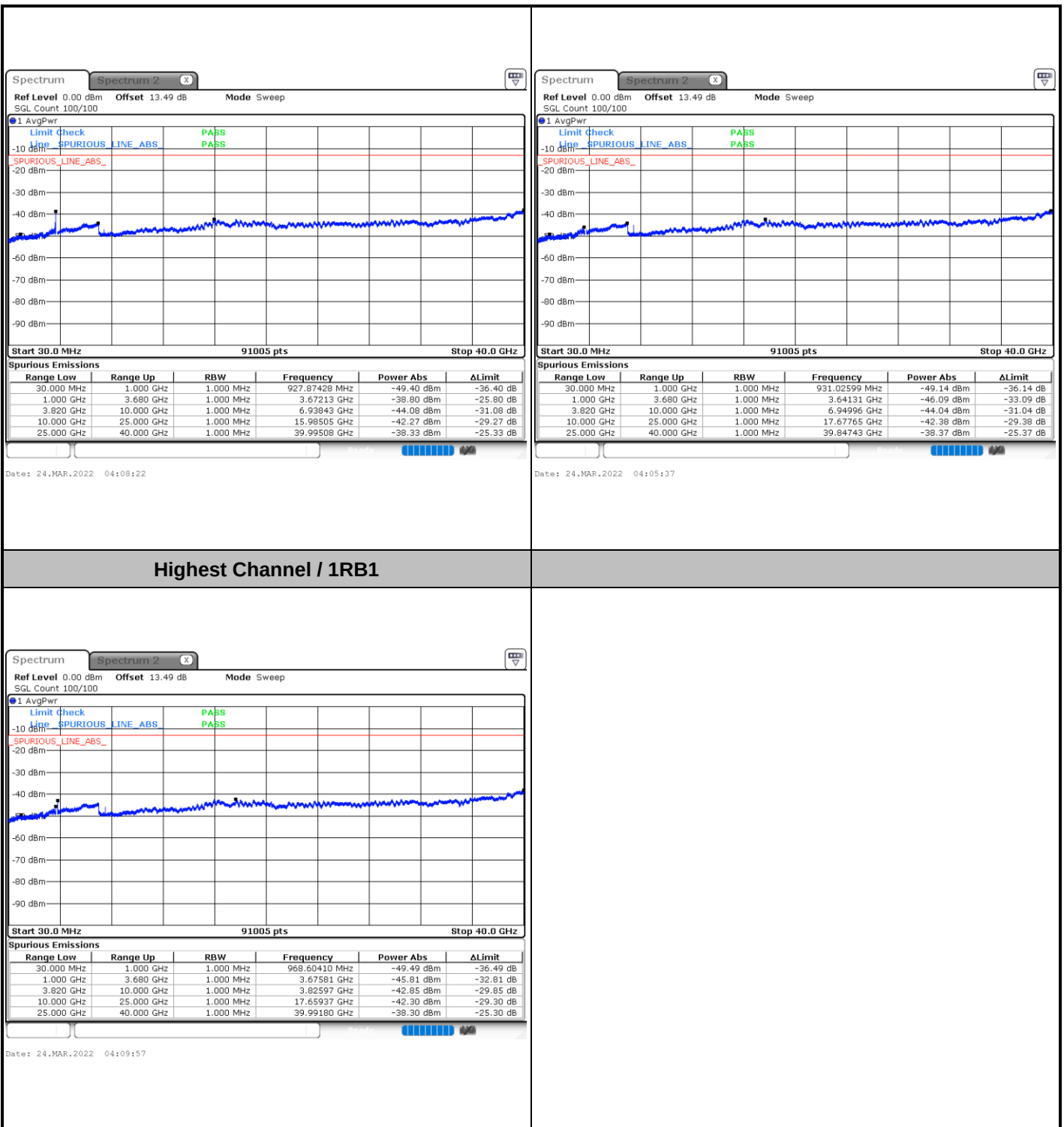
Highest Channel / 1RB1



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

Lowest Channel / 1RB1

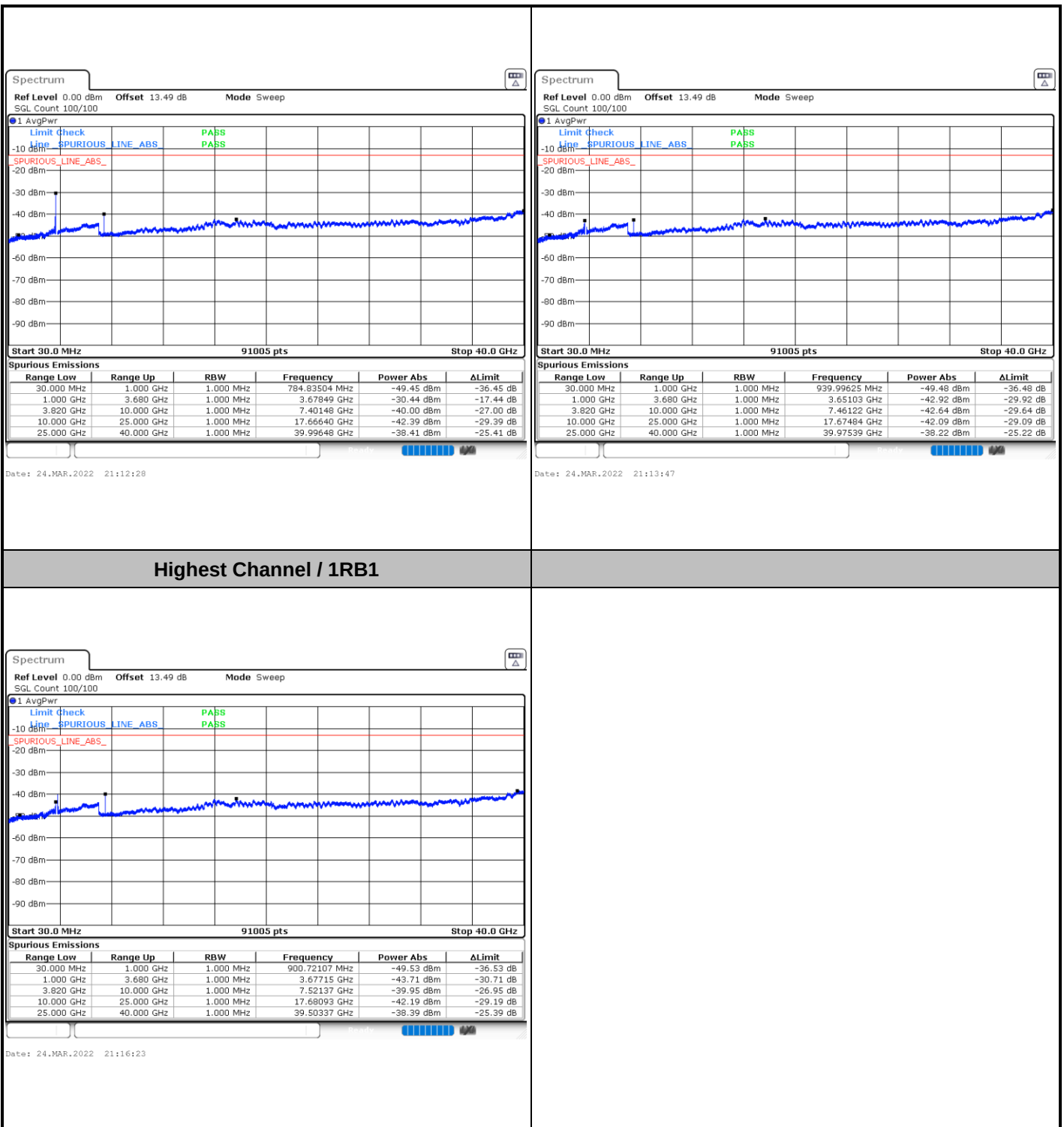
Middle Channel / 1RB1



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

Lowest Channel / 1RB1

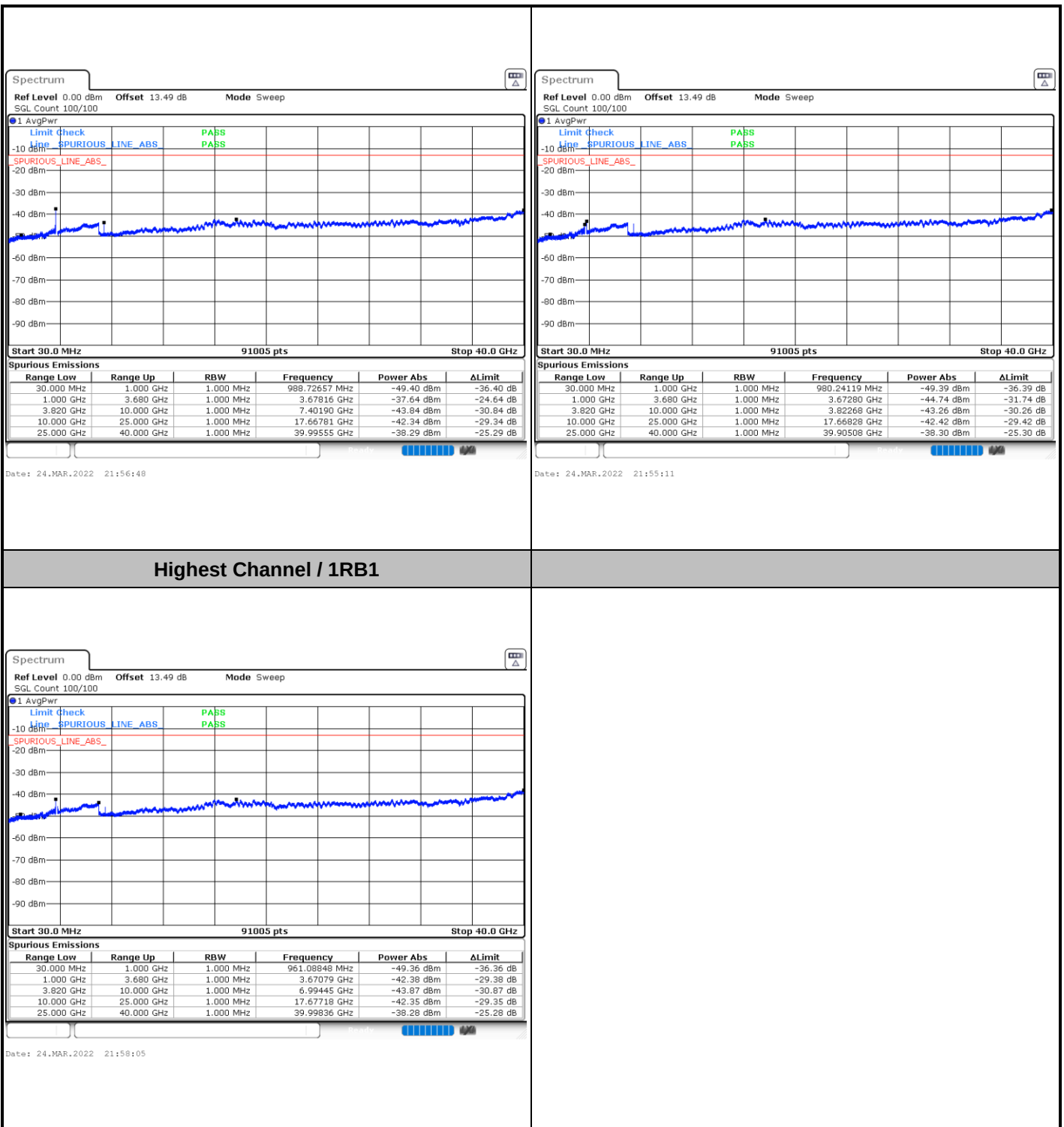
Middle Channel / 1RB1



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

Lowest Channel / 1RB1

Middle Channel / 1RB1



Frequency Stability

Test Conditions

FR1 n78 (QPSK) / Middle Channel

Limit



Temperature (°C)	Voltage (Volt)	BW 50MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0004	PASS
40	Normal Voltage	0.0001	
30	Normal Voltage	0.0015	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0020	
0	Normal Voltage	0.0022	
-10	Normal Voltage	0.0015	
-20	Normal Voltage	0.0003	
-30	Normal Voltage	0.0031	
20	Maximum Voltage	0.0012	
20	Normal Voltage	0.0013	
20	Battery End Point	0.0028	

Note:

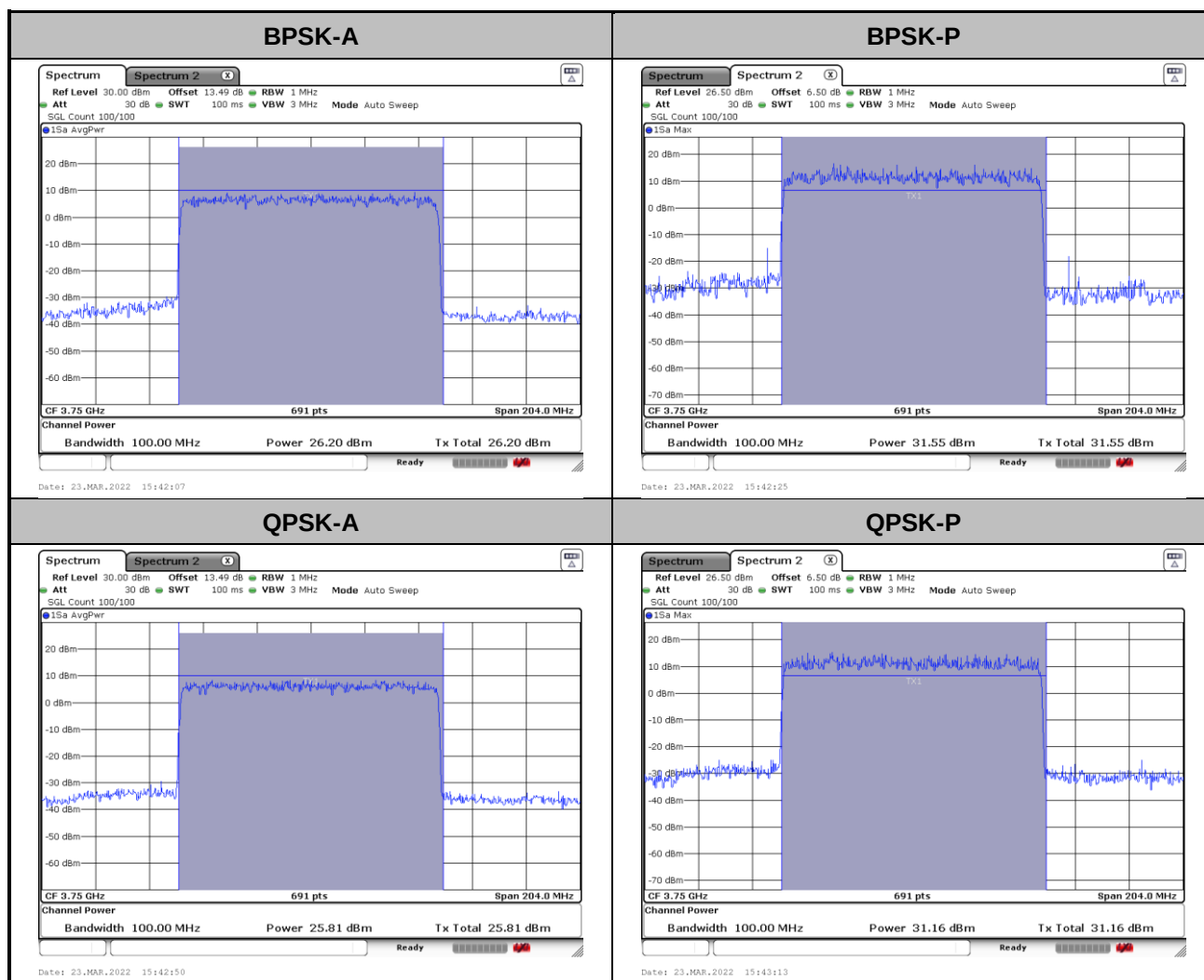
1. Normal Voltage =3.87 V. ; Battery End Point (BEP) =3.6 V. ; Maximum Voltage =4.45V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.

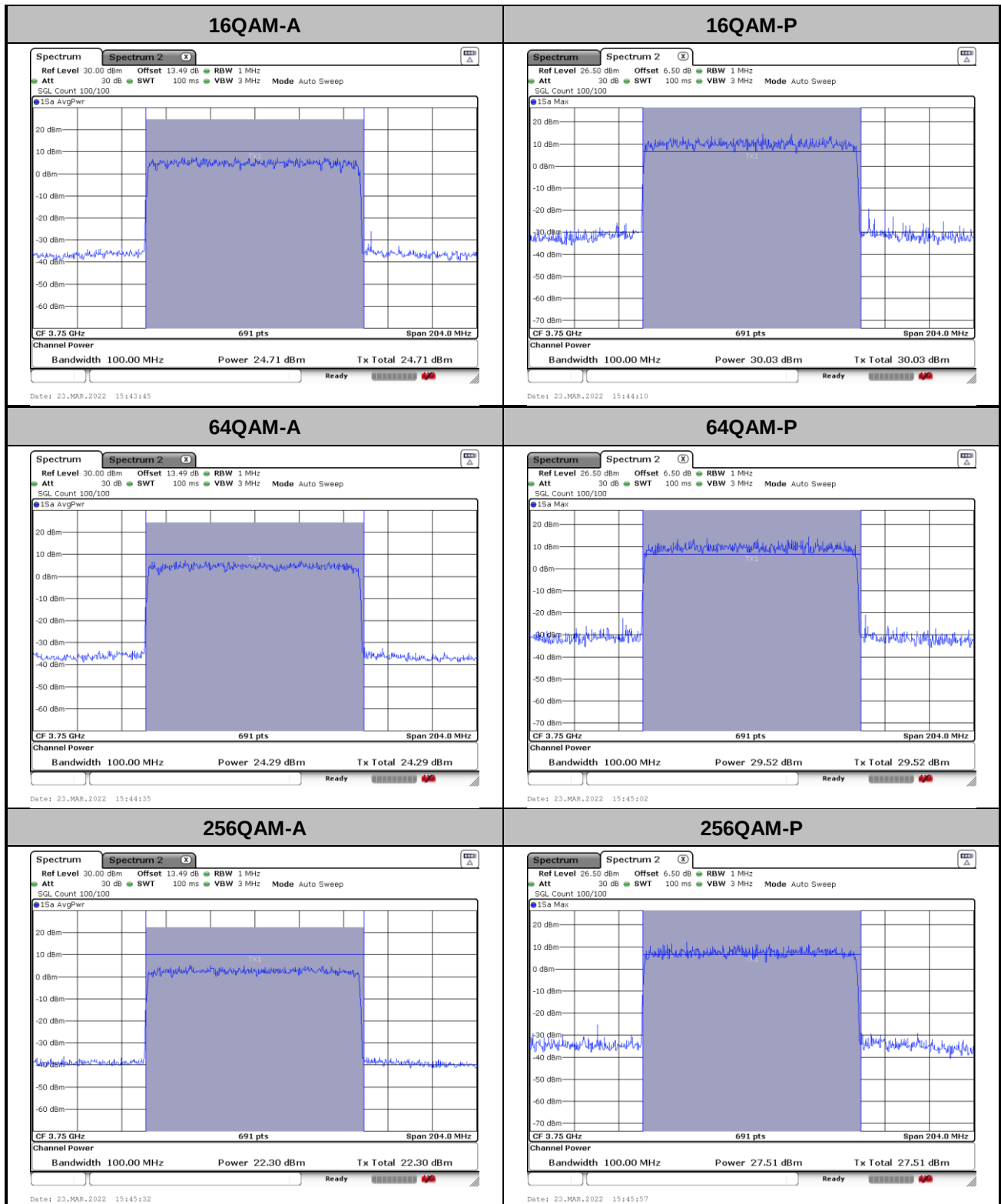


FR1 n78(SCS 30kHz)

Peak-to-Average Ratio

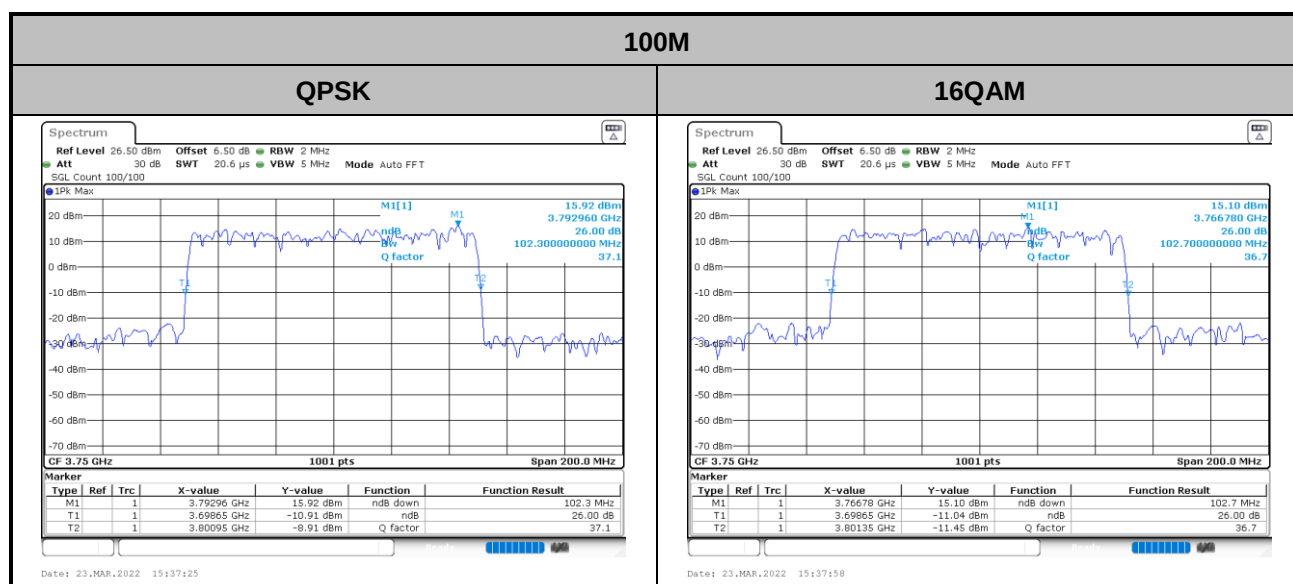
Mode	FR1 n78 / 100MHz / DFT-S OFDM				
Mod.	100M				Limit: 13dB
RB Size	BPSK	QPSK	16QAM	64QAM	Result
Middle CH	5.35	5.35	5.32	5.23	PASS
RB Size	256QAM				
Middle CH	5.21				





**26dB Bandwidth**

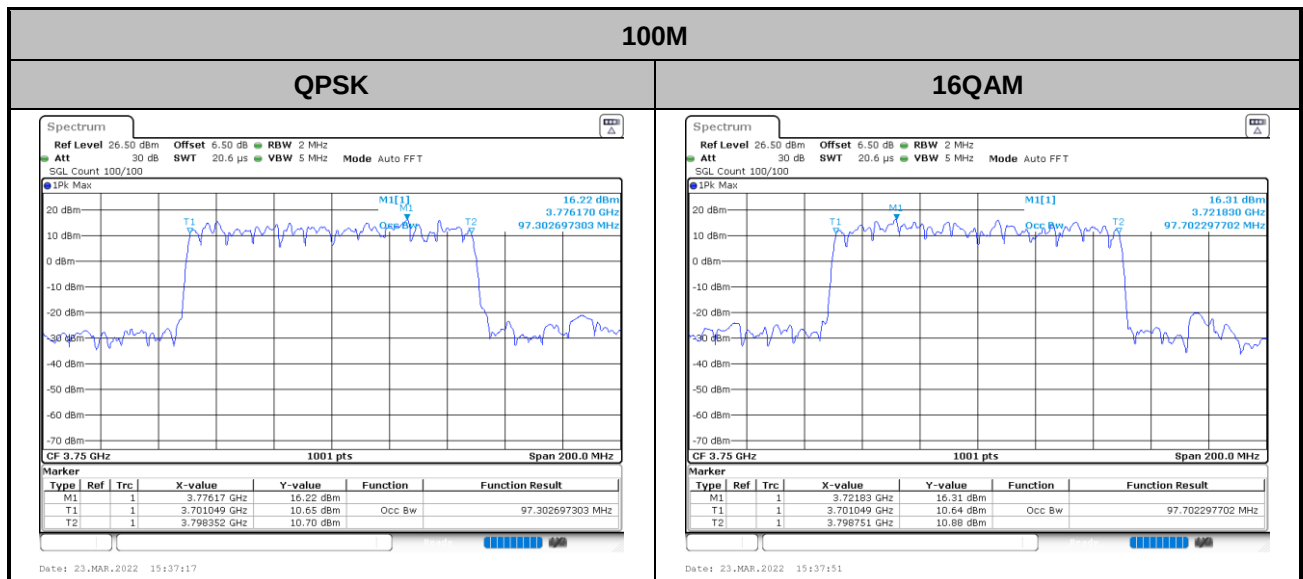
Mode	FR1 n78 : 26dB BW(MHz) / DFT-S OFDM	
BW	100M	
Mod.	QPSK	16QAM
Middle CH	102.3	102.7





Occupied Bandwidth

Mode	FR1 n78: OB BW(MHz) / DFT-S OFDM	
BW	100M	
Mod.	QPSK	16QAM
Middle CH	97.30	97.70

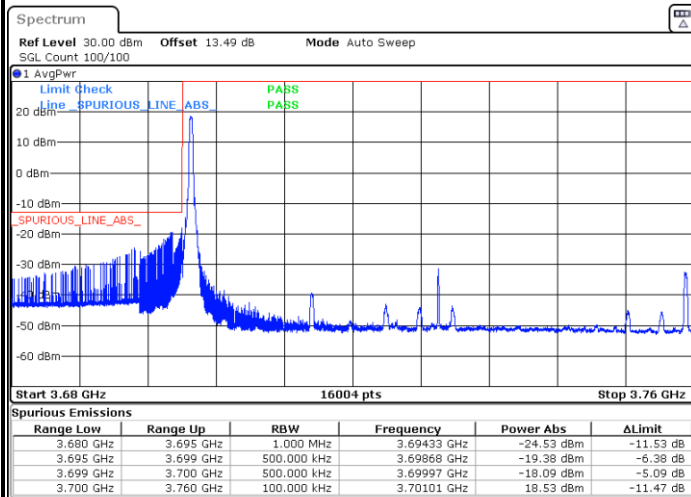




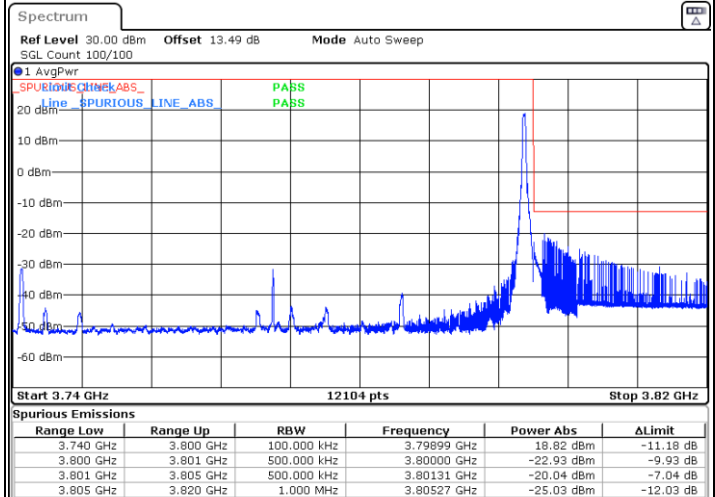
Conducted Band Edge

FR1 n78/ 60MHz / DFT-S OFDM / PI/2 BPSK

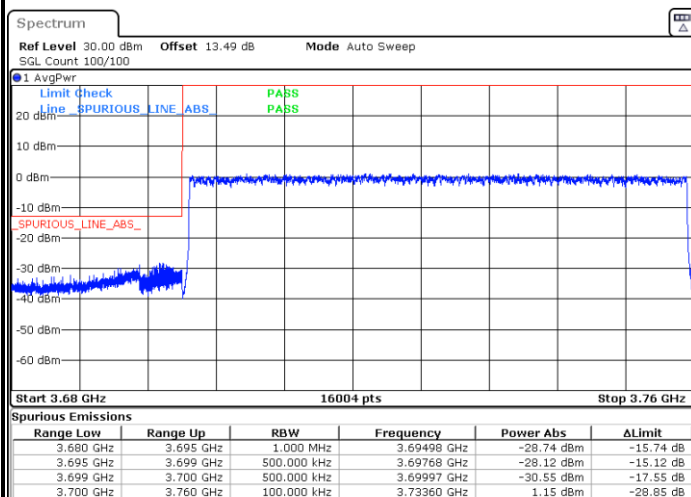
Lowest Band Edge / 1RB0



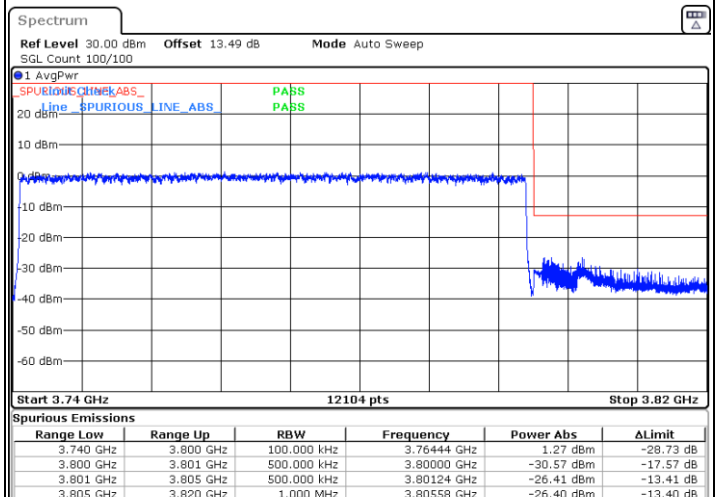
Highest Band Edge / 1RBmax



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

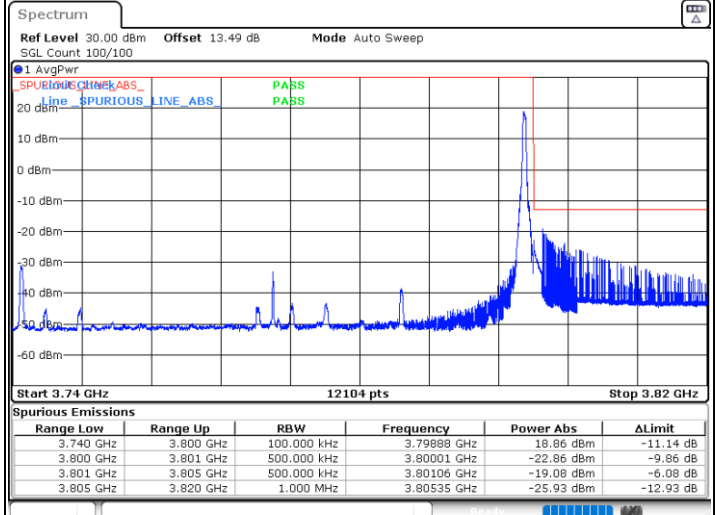
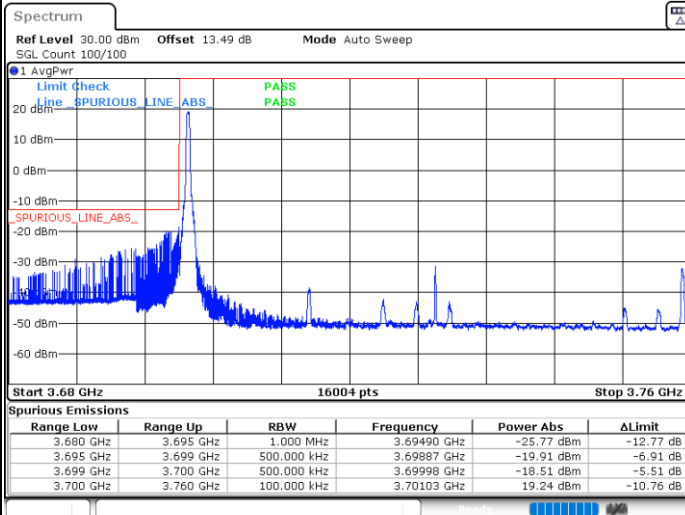




FR1 n78 / 60MHz / DFT-S OFDM / QPSK

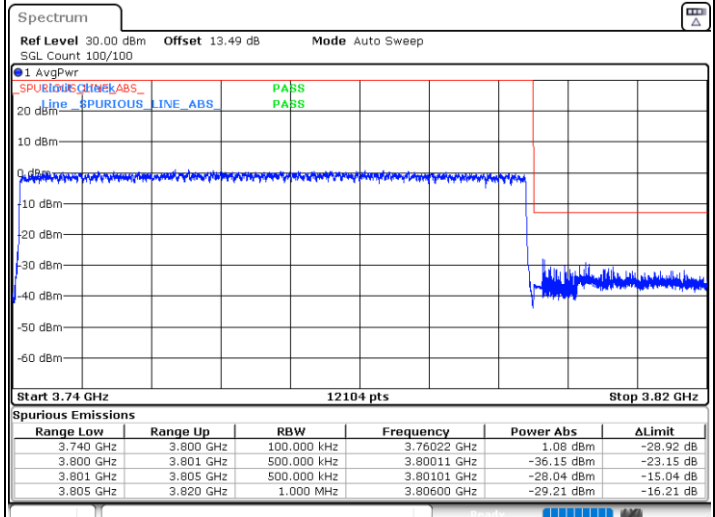
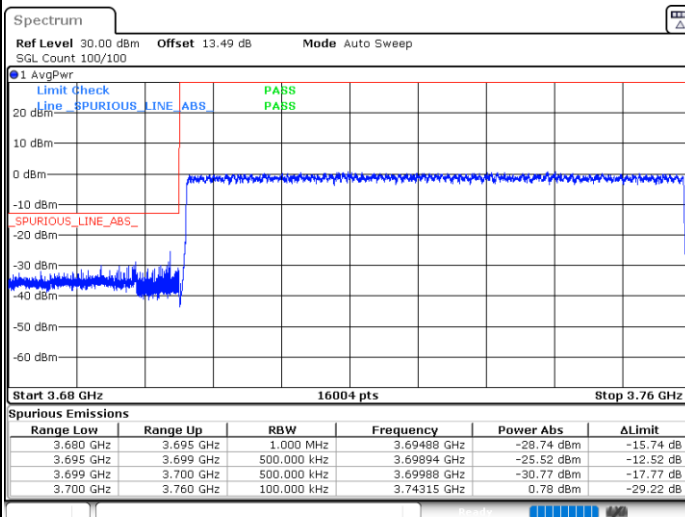
Lowest Band Edge / 1RB0

Highest Band Edge / 1RBmax



Lowest Band Edge / Full RB

Highest Band Edge / Full RB

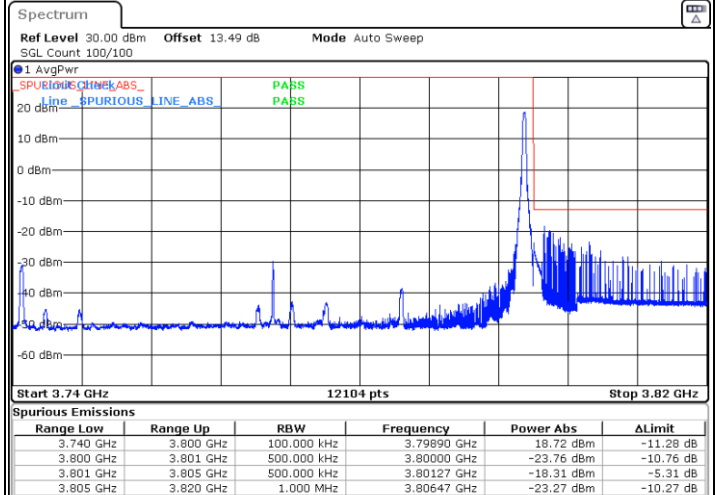
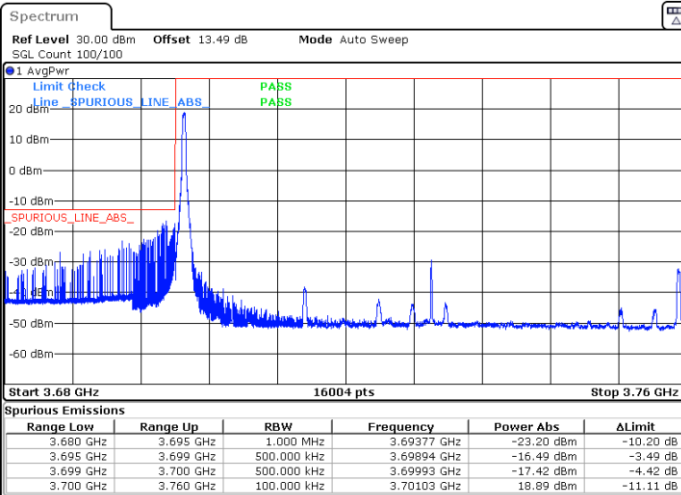




FR1 n78 / 60MHz / DFT-S OFDM / 16Q

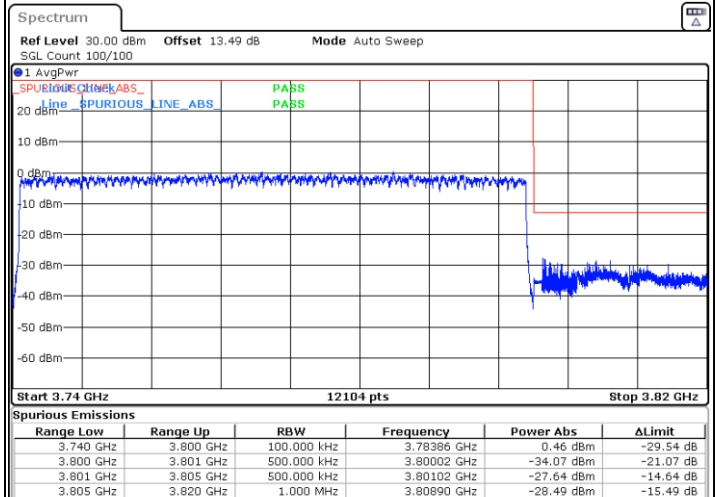
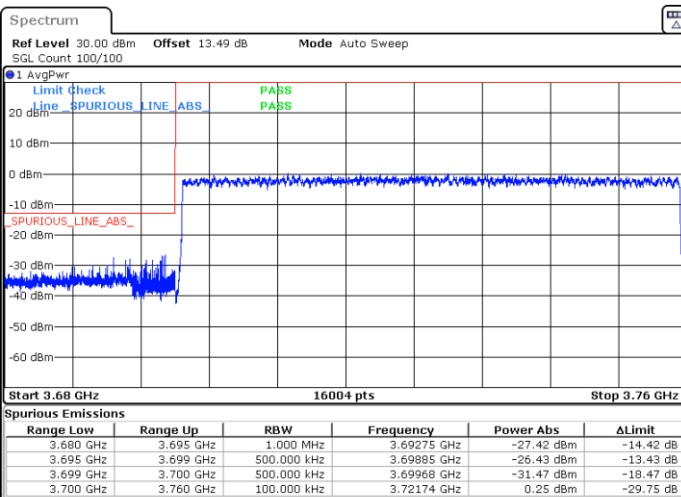
Lowest Band Edge / 1RB0

Highest Band Edge / 1RBmax



Lowest Band Edge / Full RB

Highest Band Edge / Full RB

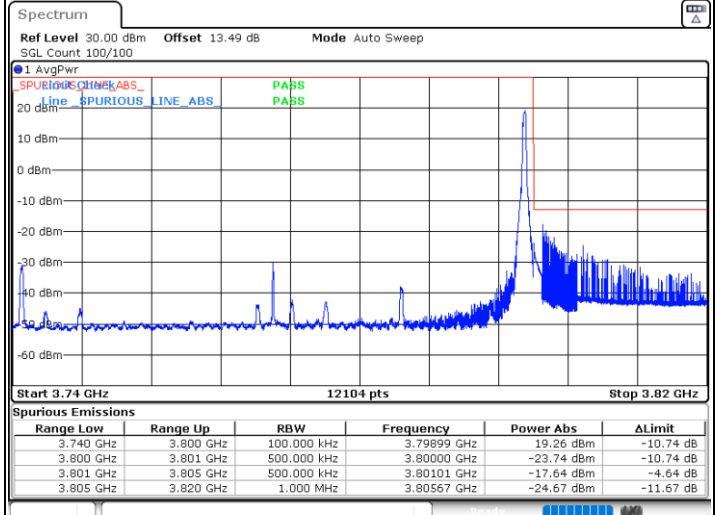
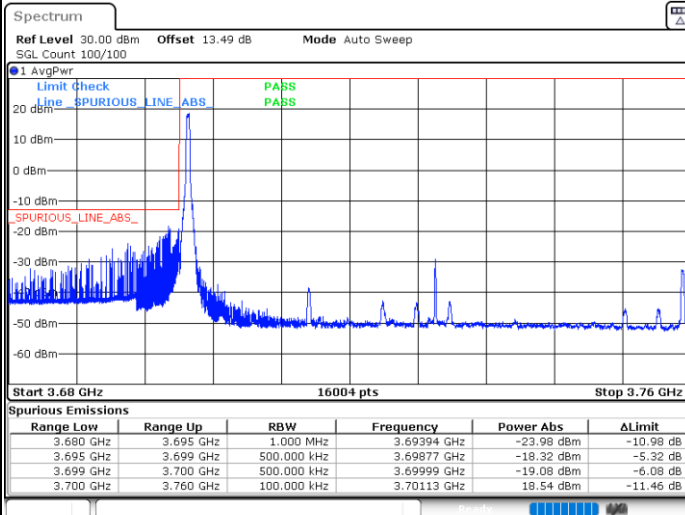




FR1 n78 / 60MHz / DFT-S OFDM / 64Q

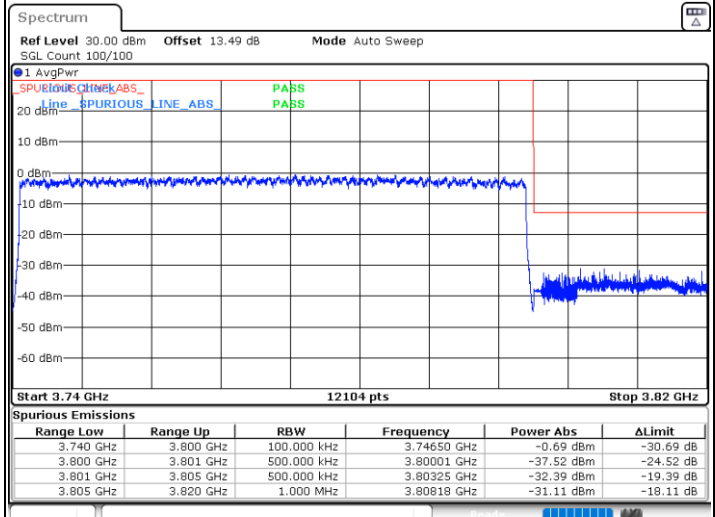
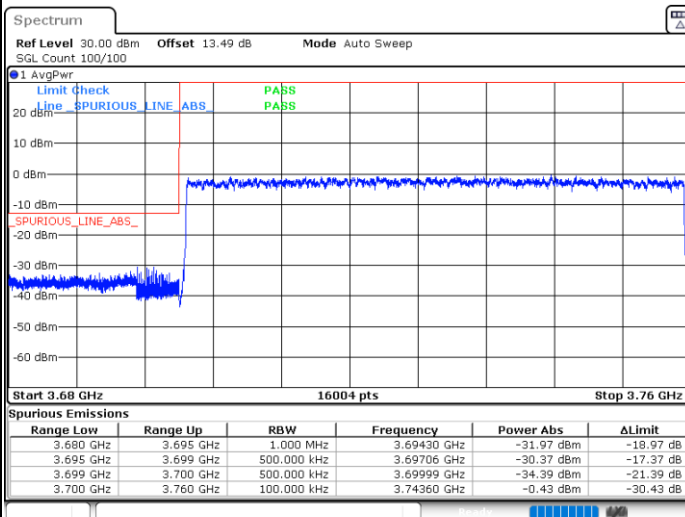
Lowest Band Edge / 1RB0

Highest Band Edge / 1RBmax



Lowest Band Edge / Full RB

Highest Band Edge / Full RB

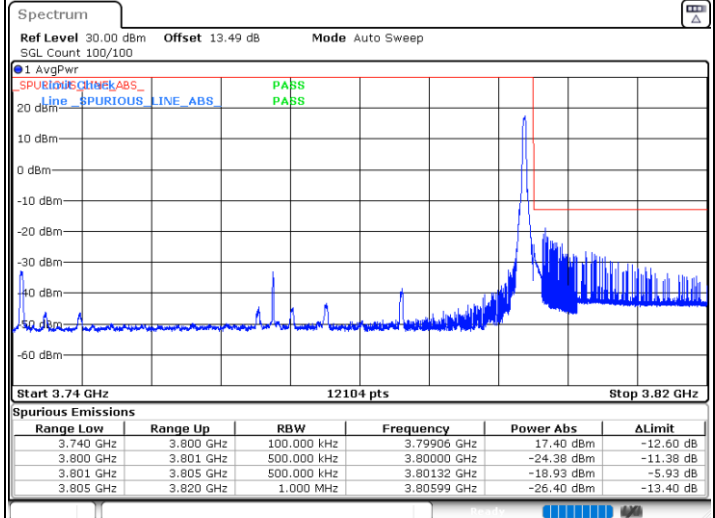
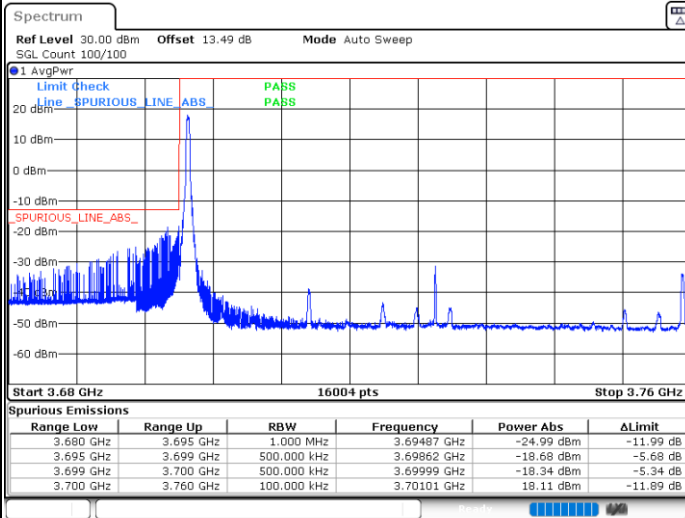




FR1 n78 / 60MHz / DFT-S OFDM / 256Q

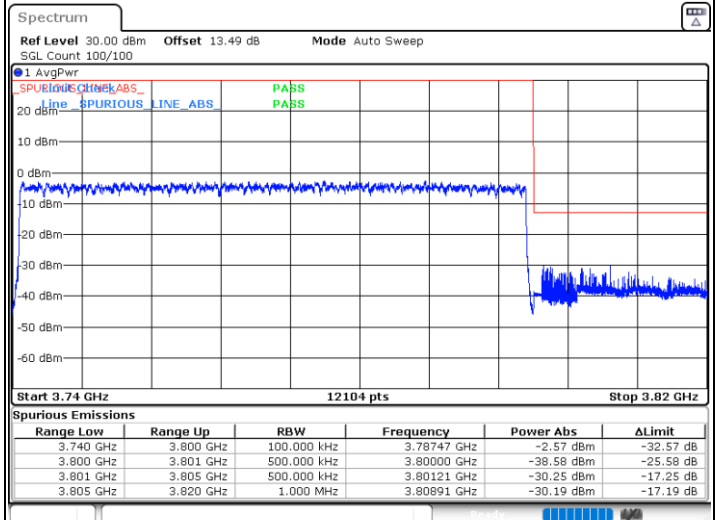
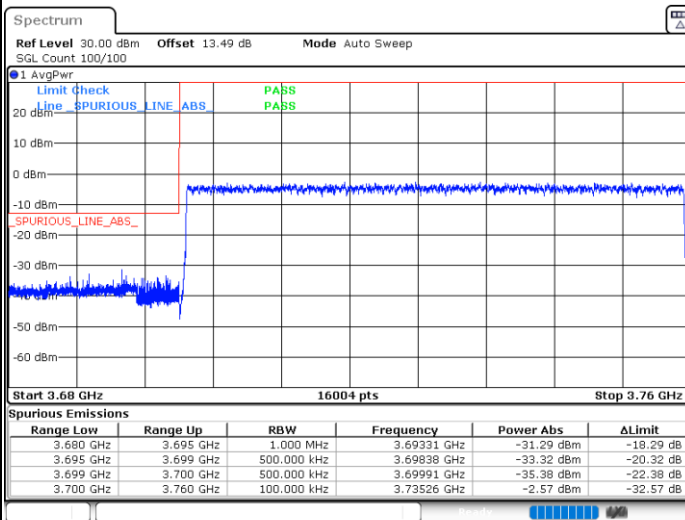
Lowest Band Edge / 1RB0

Highest Band Edge / 1RBmax



Lowest Band Edge / Full RB

Highest Band Edge / Full RB

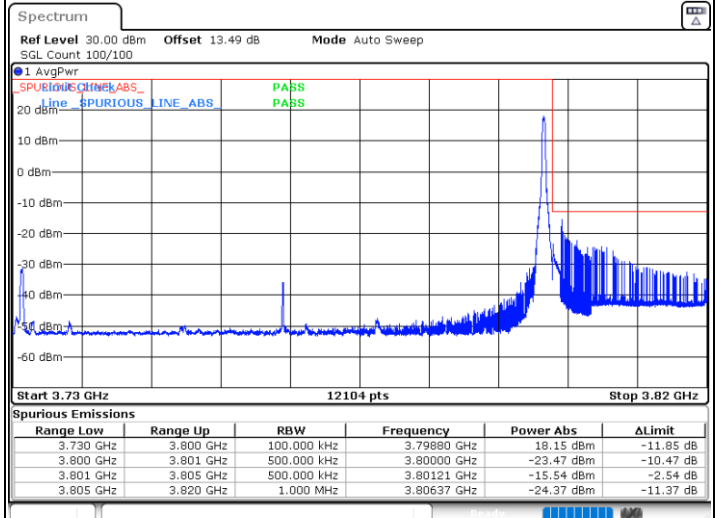
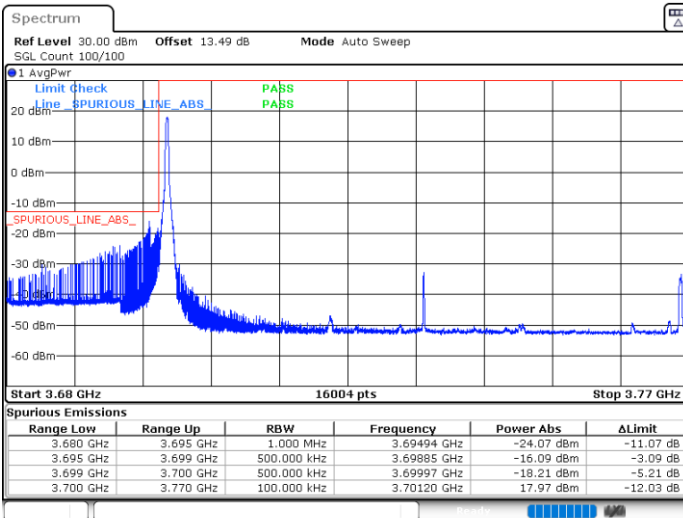




FR1 n78/ 70MHz / DFT-S OFDM / PI/2 BPSK

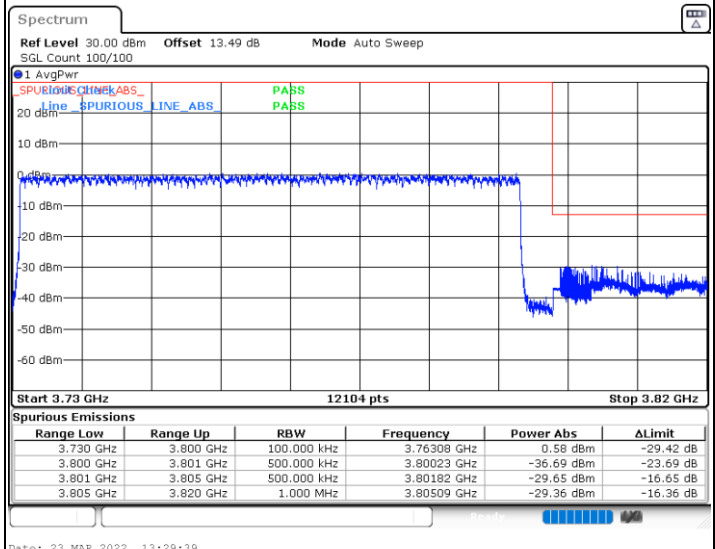
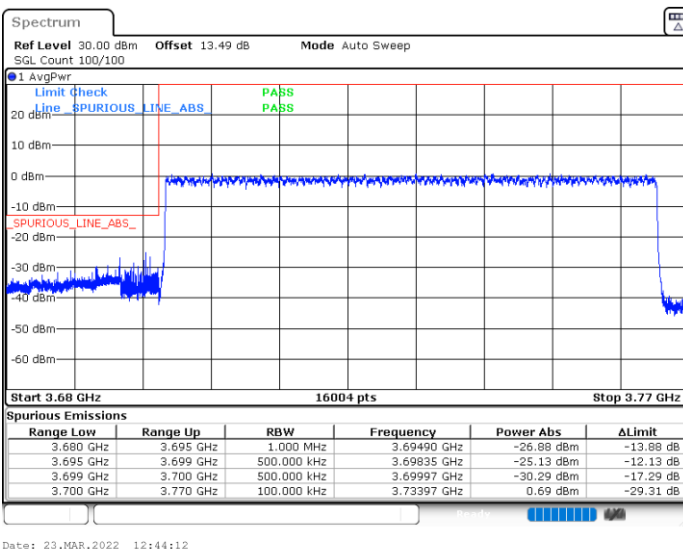
Lowest Band Edge / 1RB0

Highest Band Edge / 1RBmax



Lowest Band Edge / Full RB

Highest Band Edge / Full RB

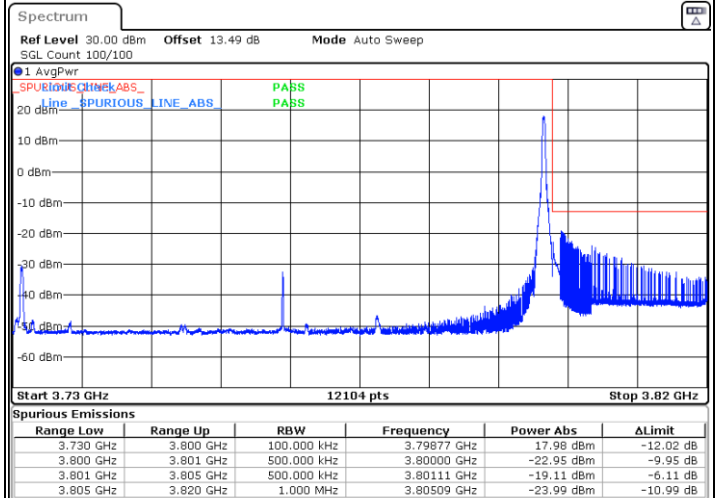
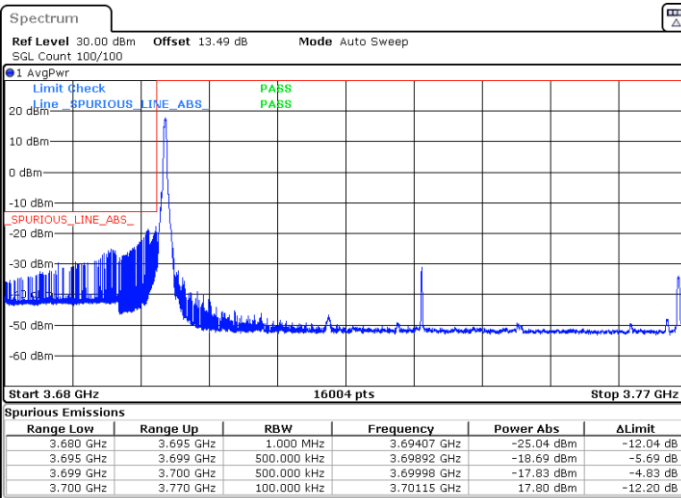




FR1 n78 / 70MHz / DFT-S OFDM / QPSK

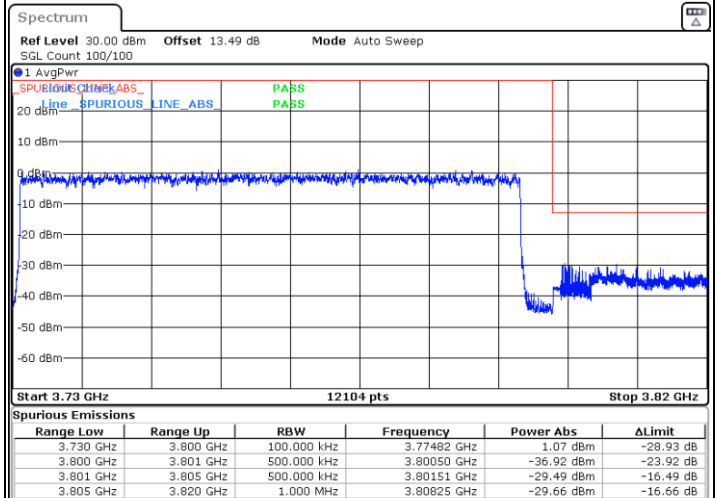
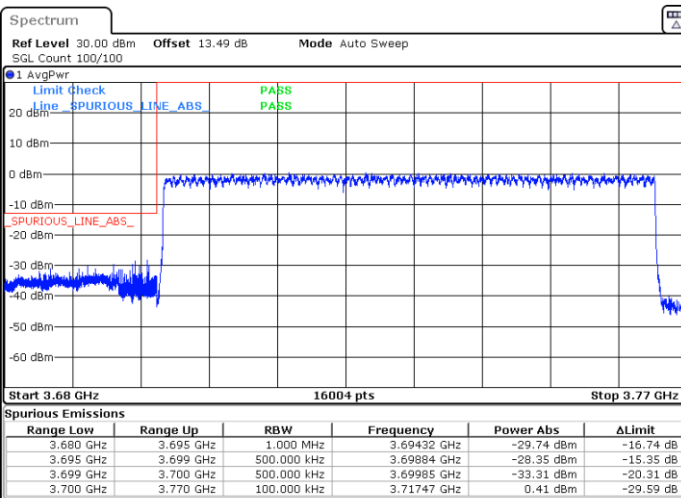
Lowest Band Edge / 1RB0

Highest Band Edge / 1RBmax



Lowest Band Edge / Full RB

Highest Band Edge / Full RB

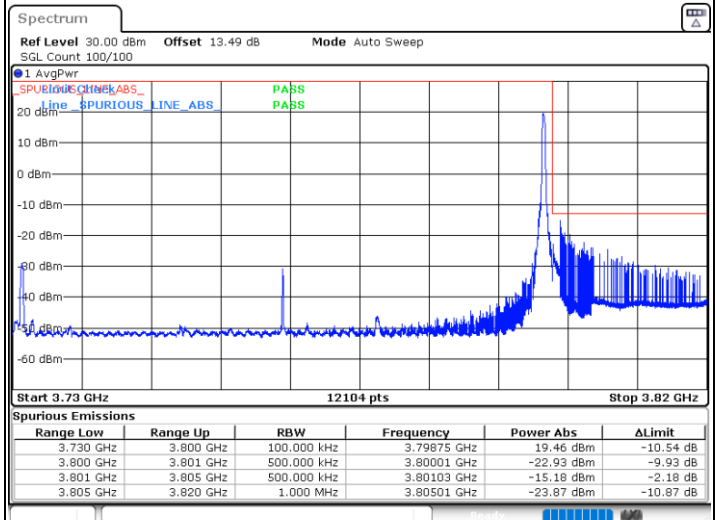
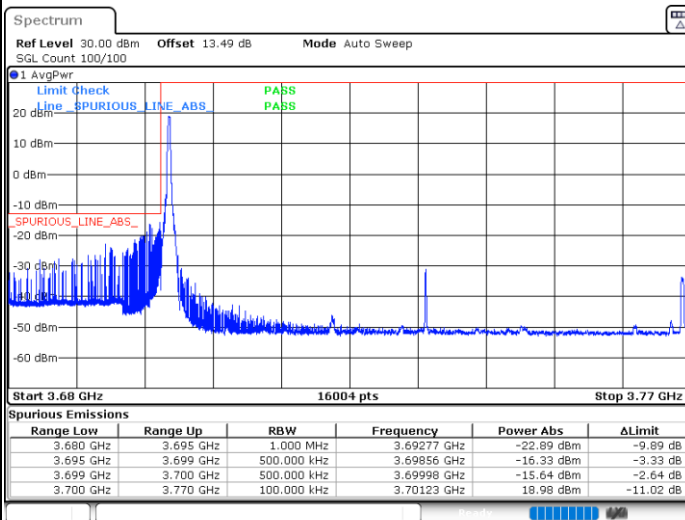




FR1 n78 / 70MHz / DFT-S OFDM / 16Q

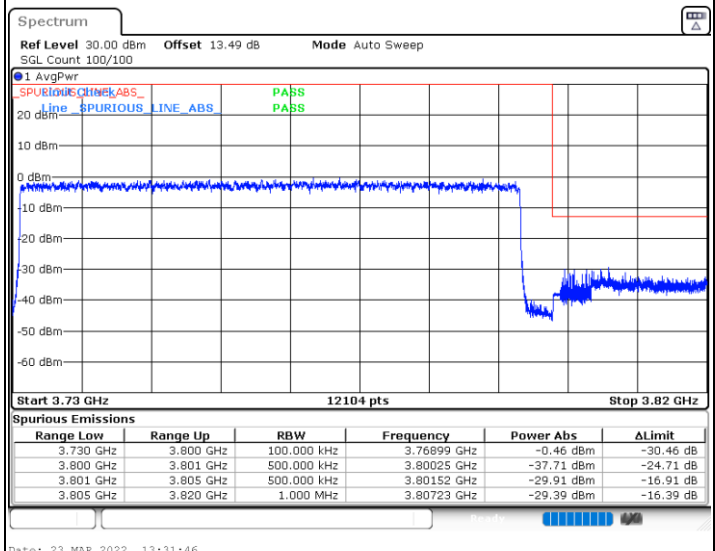
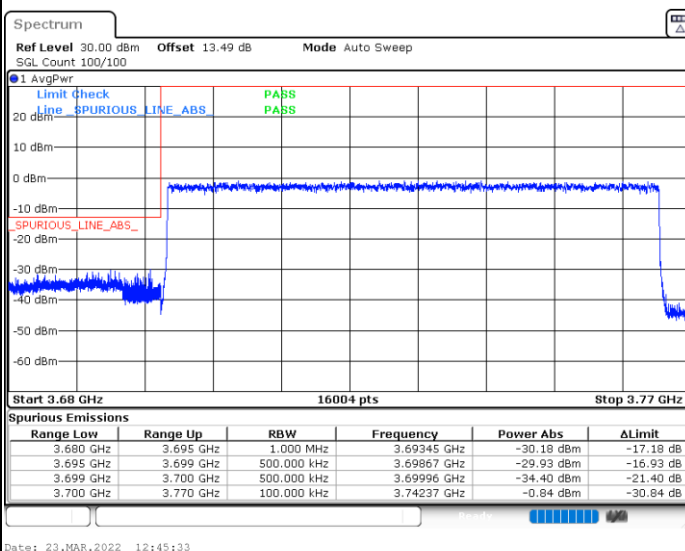
Lowest Band Edge / 1RB0

Highest Band Edge / 1RBmax



Lowest Band Edge / Full RB

Highest Band Edge / Full RB

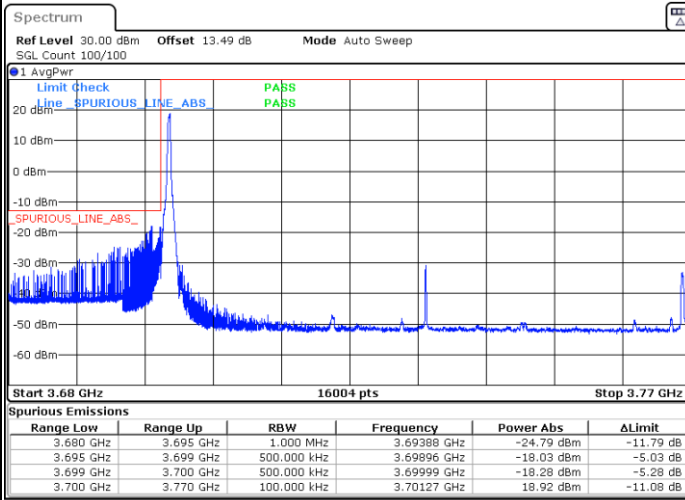




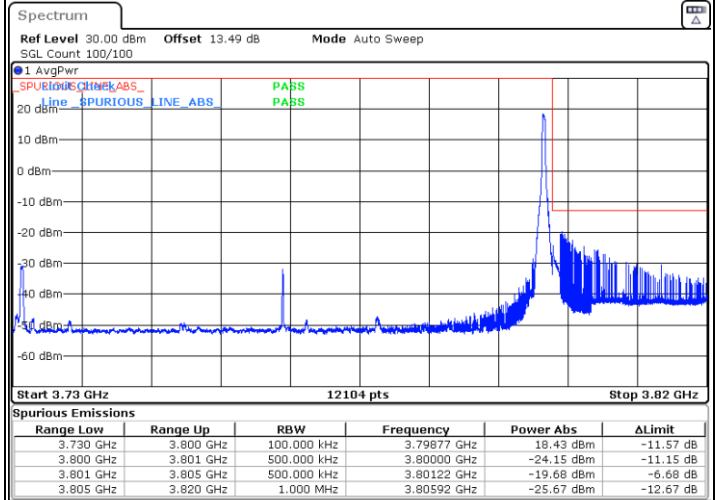
FR1 n78 / 70MHz / DFT-S OFDM / 64Q

Lowest Band Edge / 1RB0

Highest Band Edge / 1RBmax



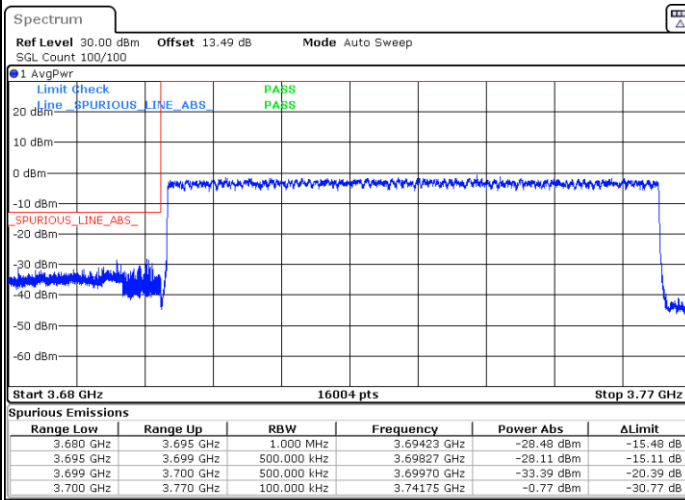
Date: 23.MAR.2022 12:48:29



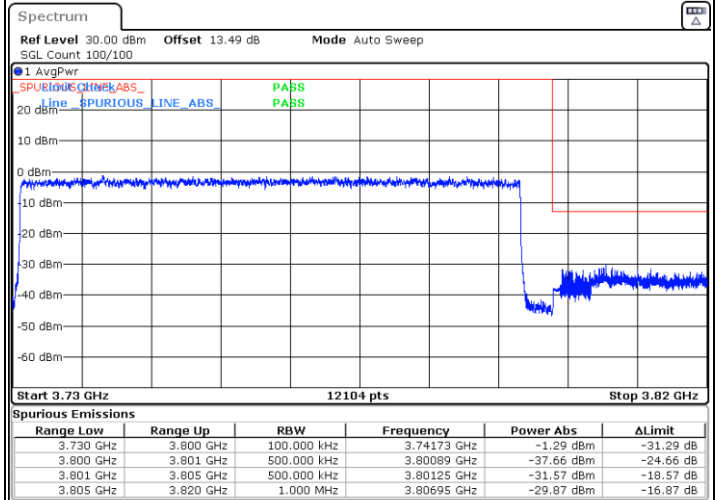
Date: 23.MAR.2022 13:35:30

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 23.MAR.2022 12:46:12



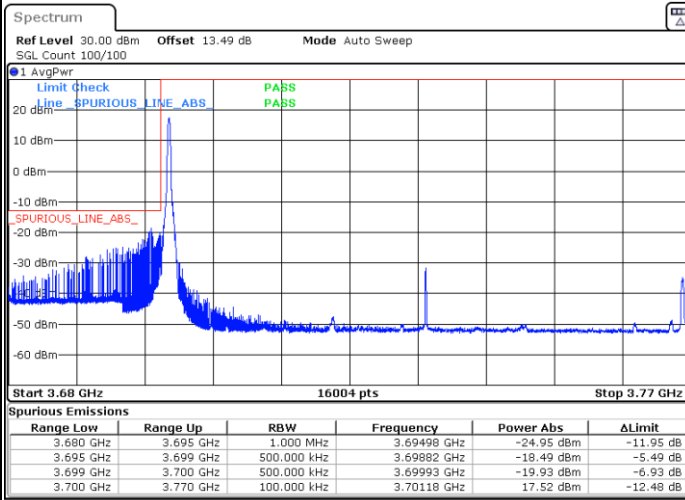
Date: 23.MAR.2022 13:32:23



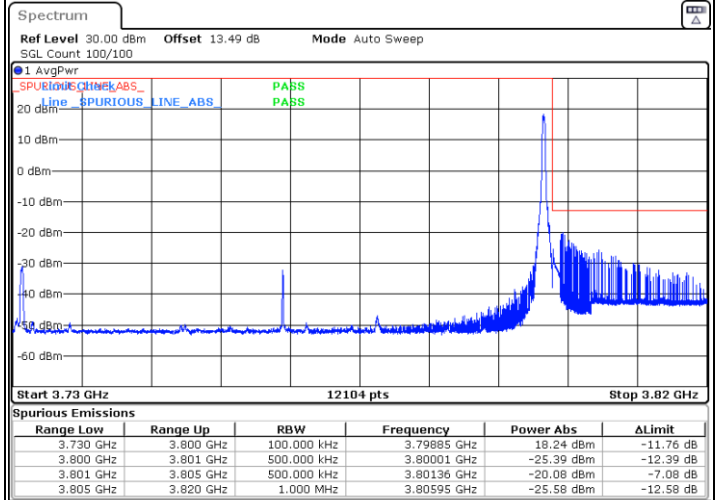
FR1 n78 / 70MHz / DFT-S OFDM / 256Q

Lowest Band Edge / 1RB0

Highest Band Edge / 1RBmax



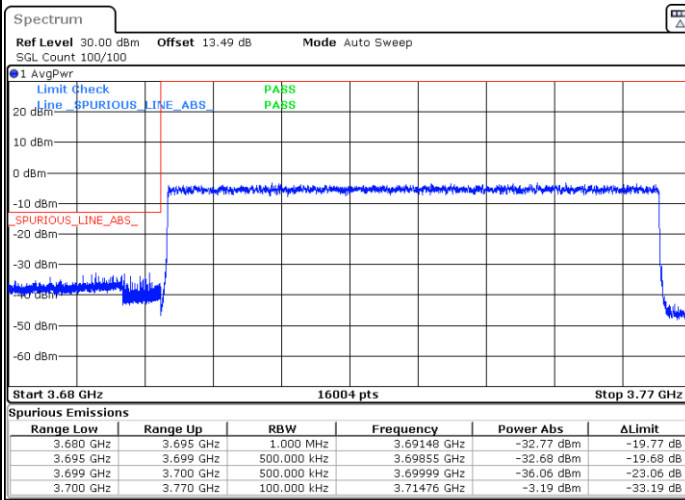
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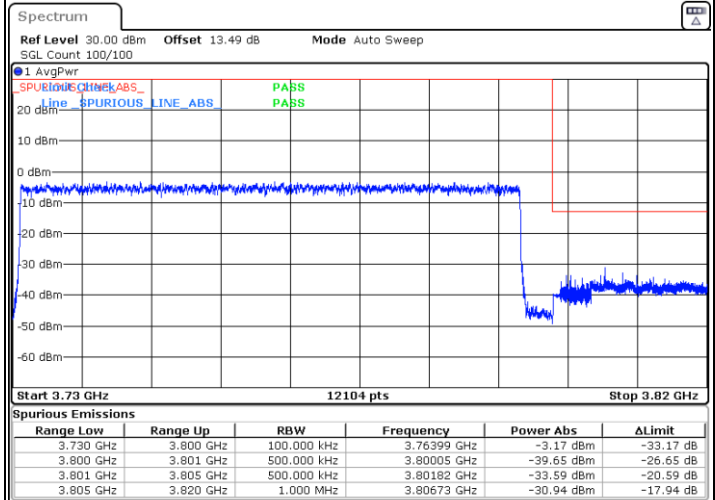
Date: 23.MAR.2022 13:34:49

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 23.MAR.2022 12:46:57



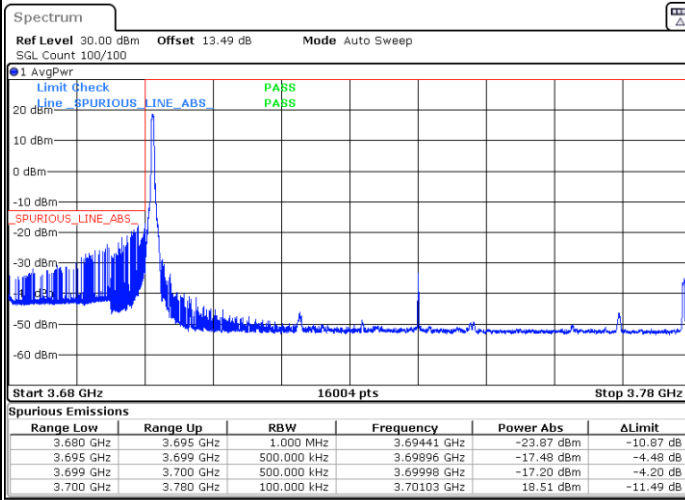
Date: 23.MAR.2022 13:33:51



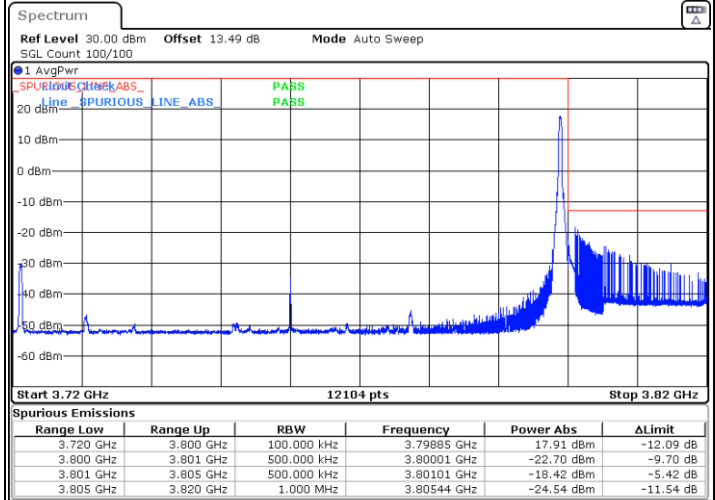
FR1 n78 / 80MHz / DFT-S OFDM / PI/2 BPSK

Lowest Band Edge / 1RB0

Highest Band Edge / 1RBmax



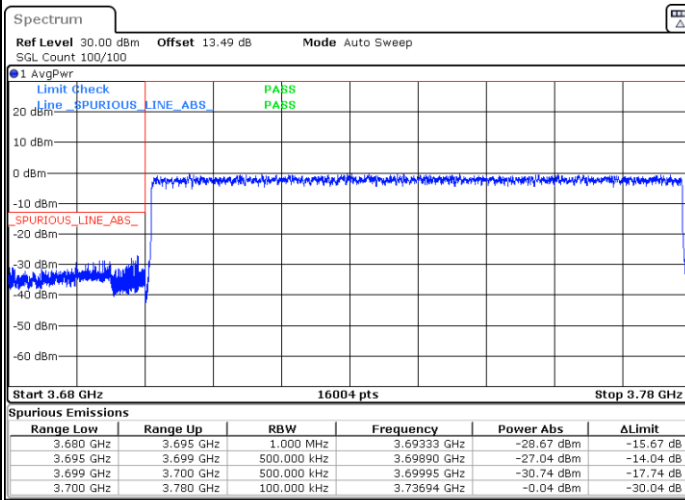
Date: 23.MAR.2022 13:52:28



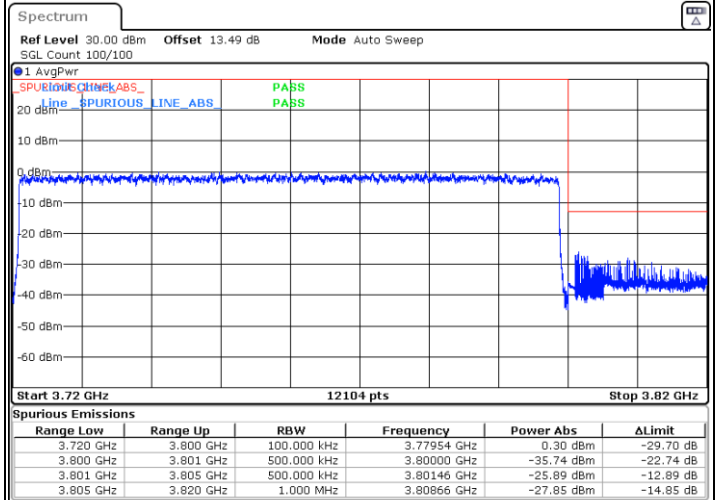
Date: 23.MAR.2022 14:05:53

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 23.MAR.2022 13:44:27



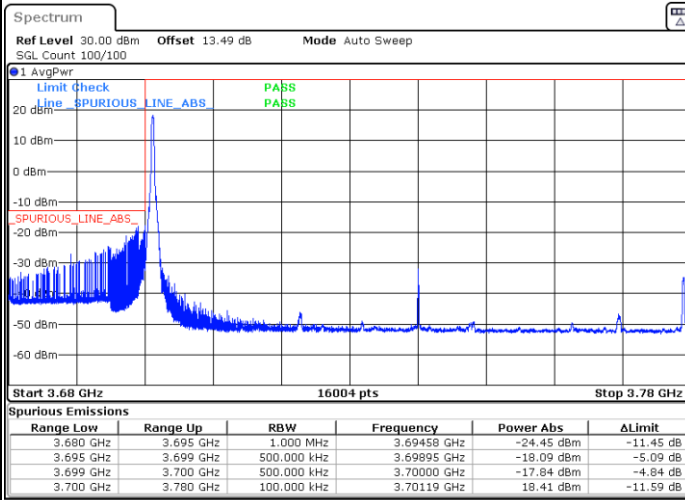
Date: 23.MAR.2022 13:58:17



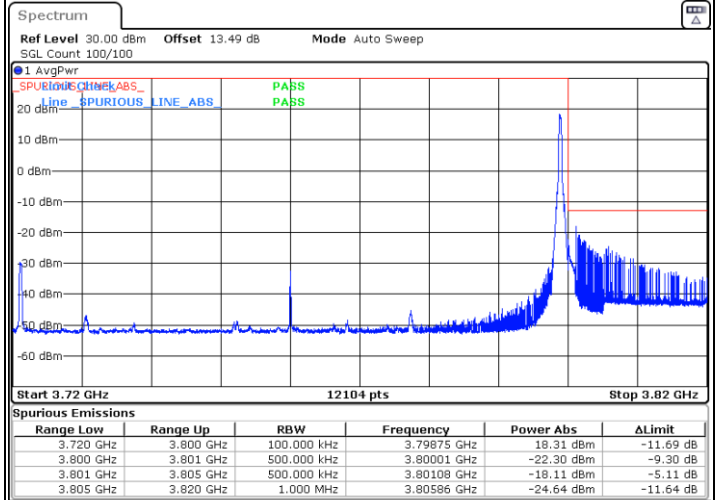
FR1 n78 / 80MHz / DFT-S OFDM / QPSK

Lowest Band Edge / 1RB0

Highest Band Edge / 1RBmax



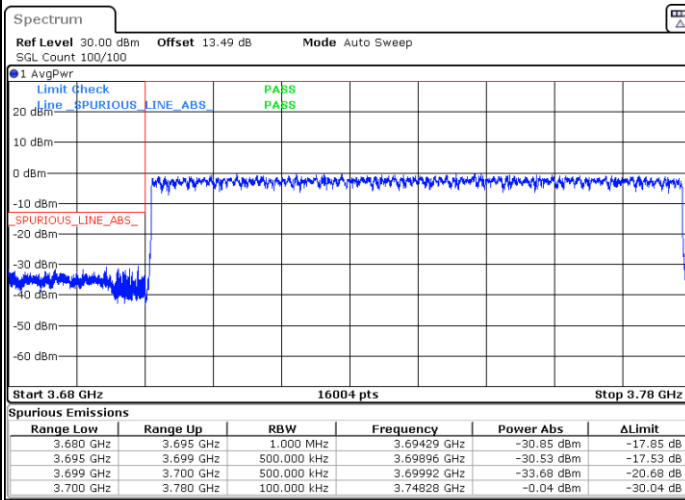
Date: 23.MAR.2022 13:51:04



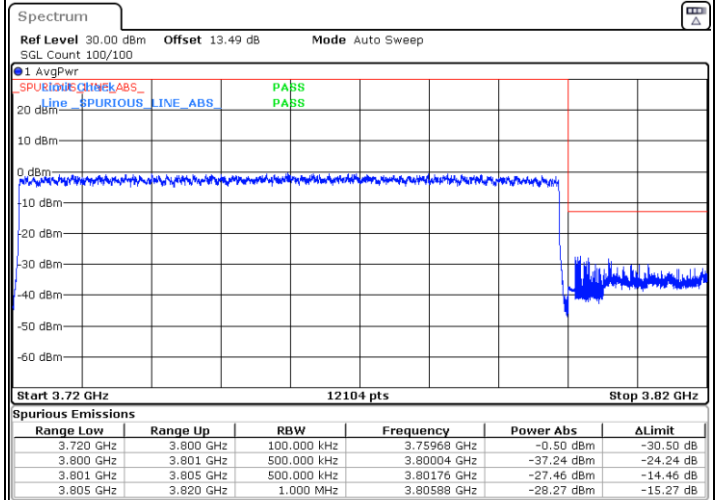
Date: 23.MAR.2022 14:05:07

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 23.MAR.2022 13:45:37



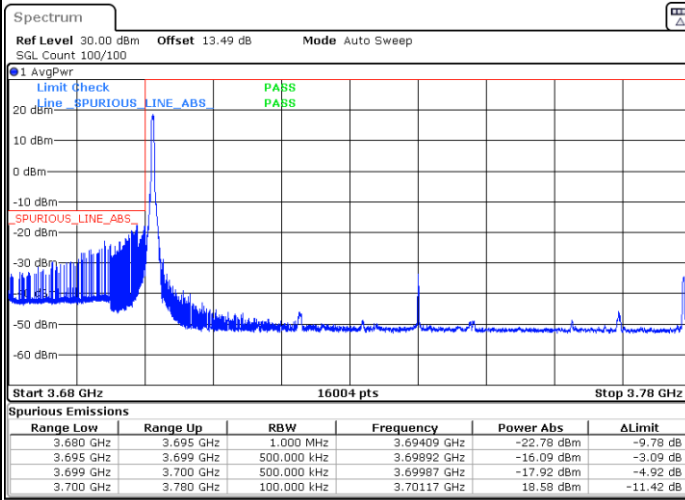
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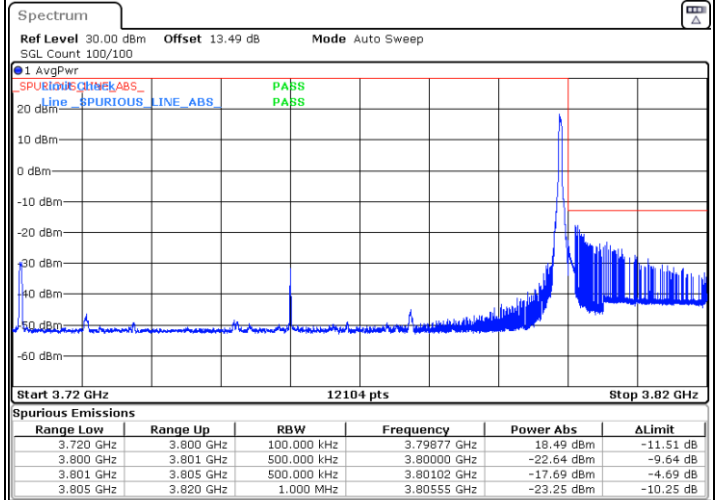
FR1 n78 / 80MHz / DFT-S OFDM / 16Q

Lowest Band Edge / 1RB0

Highest Band Edge / 1RBmax



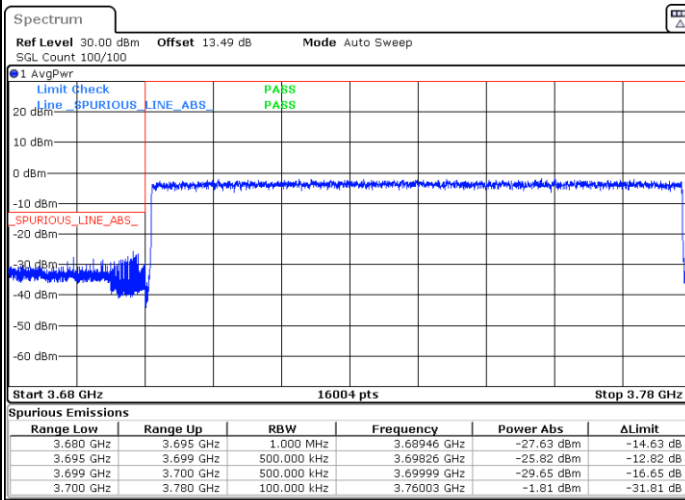
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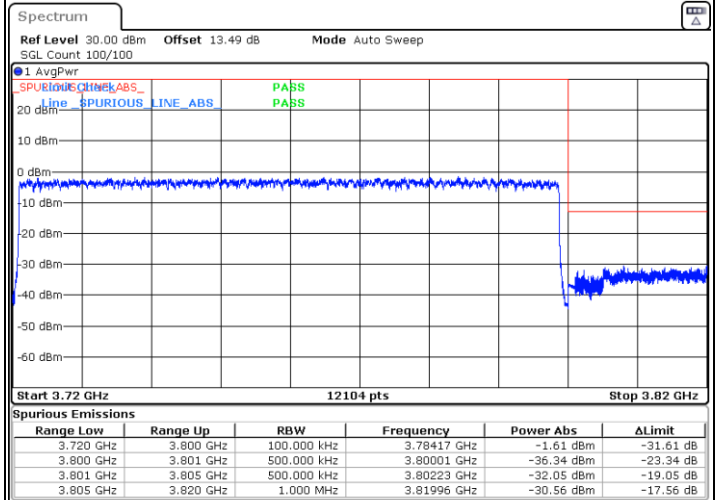
Date: 23.MAR.2022 14:04:28

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 23.MAR.2022 13:46:21



Date: 23.MAR.2022 14:00:28