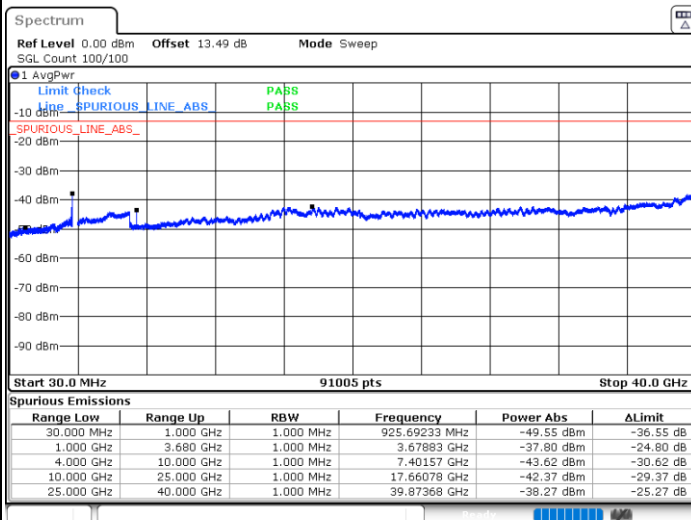




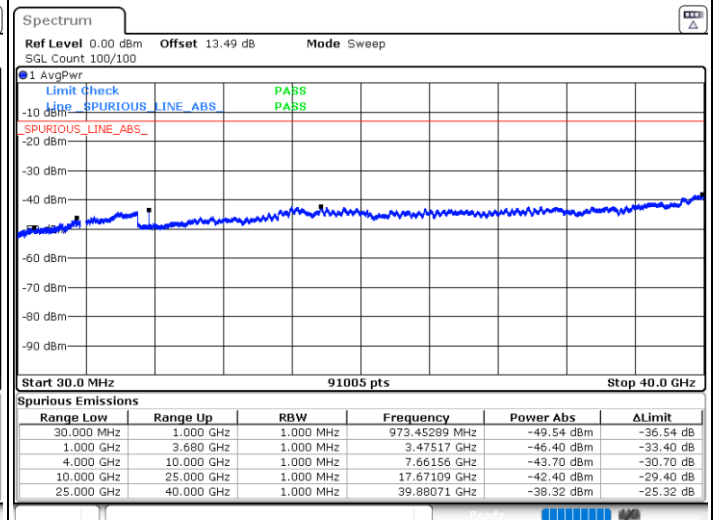
FR1 n77 / 20MHz / DFT-S OFDM / QPSK

Lowest Channel / 1RB1

Middle Channel / 1RB1

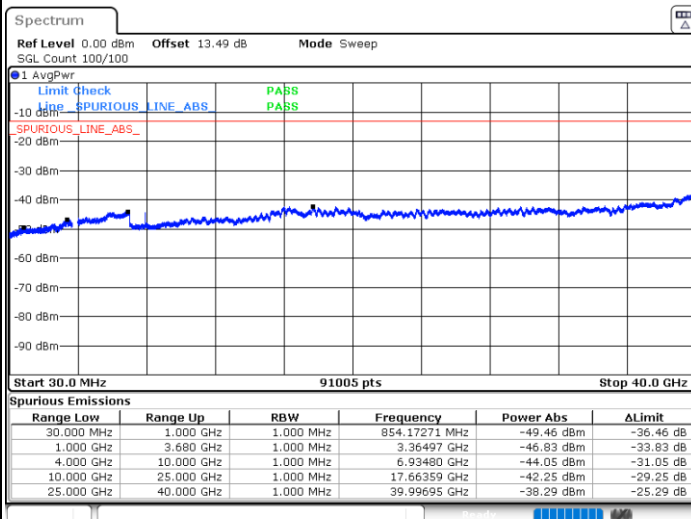


Date: 24.MAR.2022 10:45:54



Date: 24.MAR.2022 10:54:59

Highest Channel / 1RB1



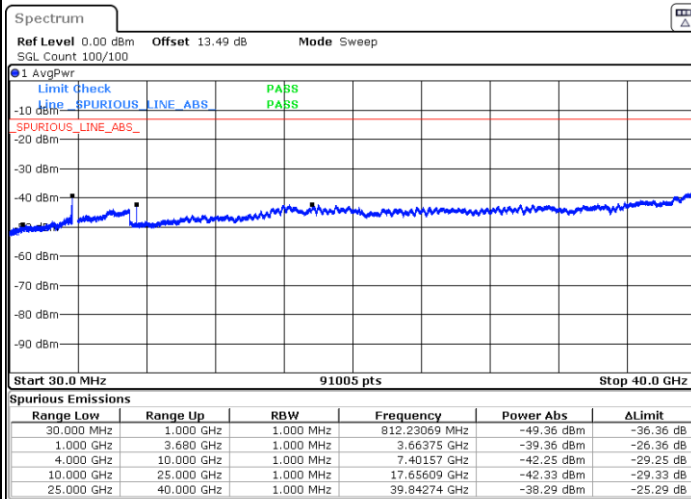
Date: 24.MAR.2022 10:56:19



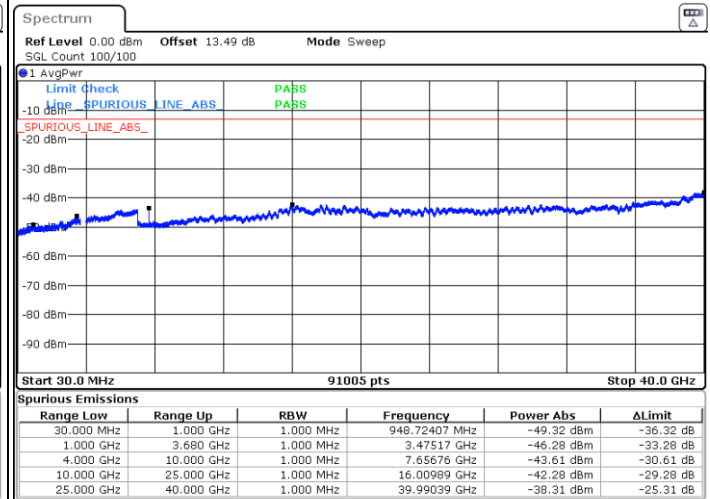
FR1 n77 / 25MHz / DFT-S OFDM / QPSK

Lowest Channel / 1RB1

Middle Channel / 1RB1

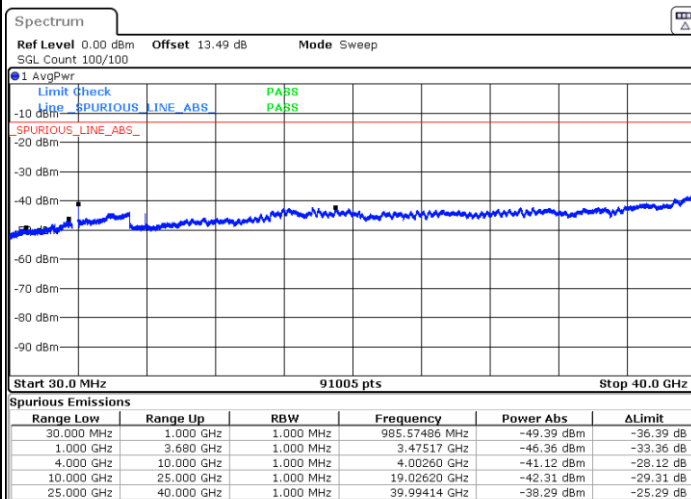


Date: 24.MAR.2022 10:58:03



Date: 24.MAR.2022 10:59:20

Highest Channel / 1RB1

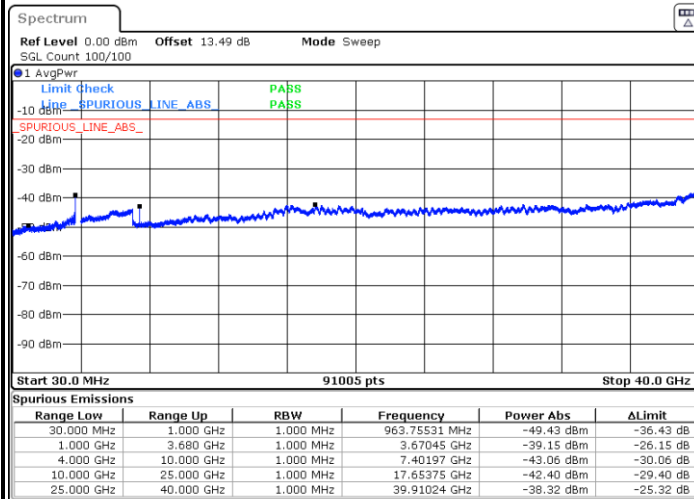


Date: 24.MAR.2022 11:00:38

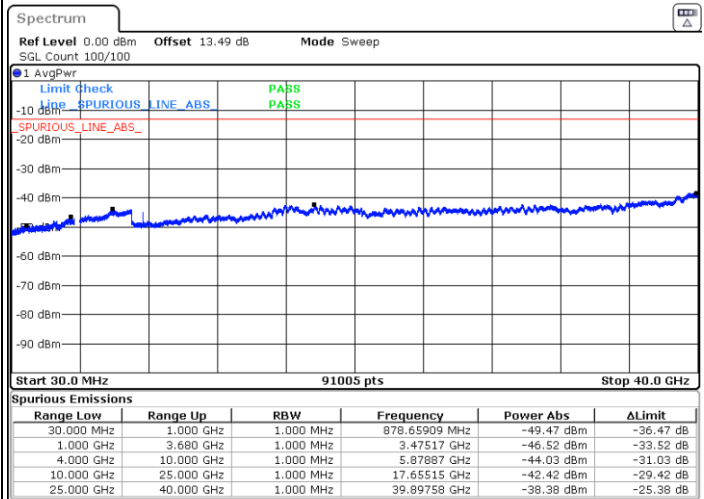


FR1 n77 / 30MHz / DFT-S OFDM / QPSK

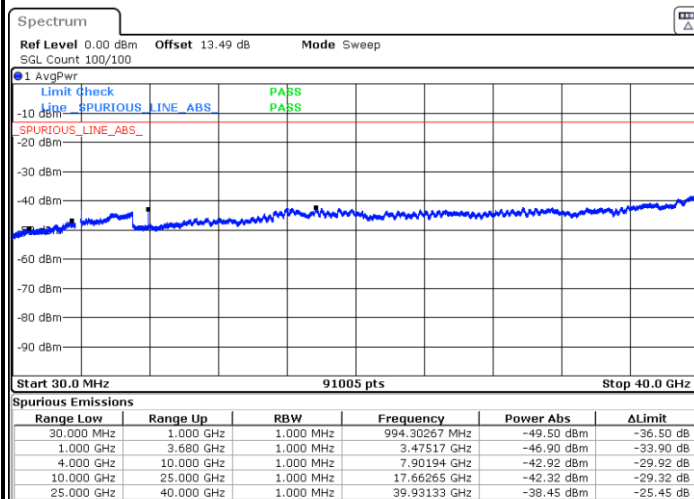
Lowest Channel / 1RB1



Middle Channel / 1RB1



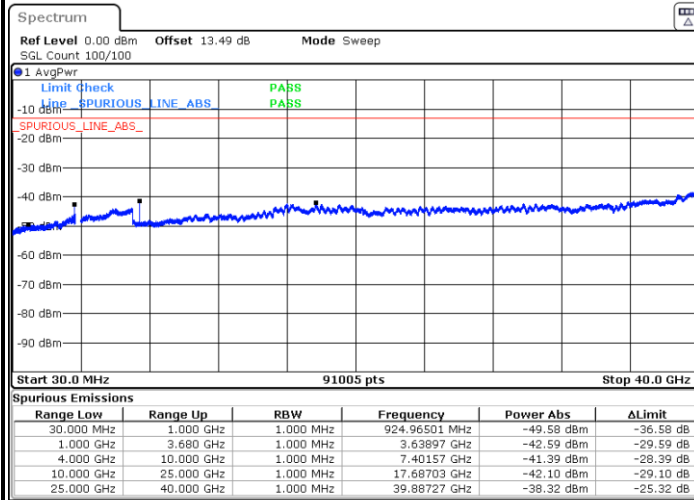
Highest Channel / 1RB1





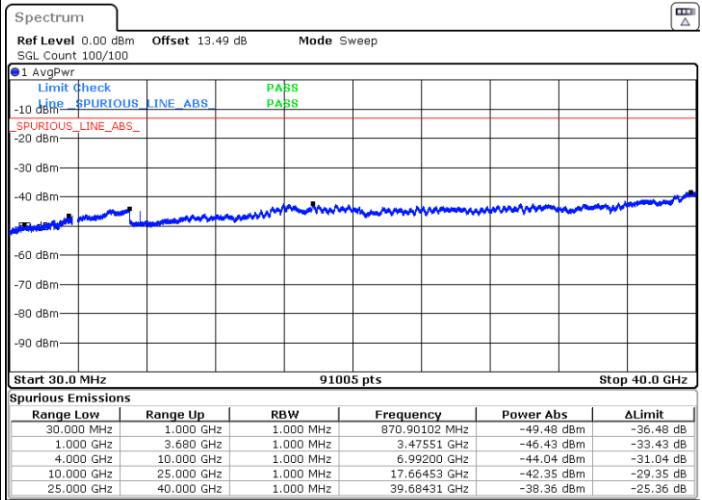
FR1 n77 / 40MHz / DFT-S OFDM / QPSK

Lowest Channel / 1RB1



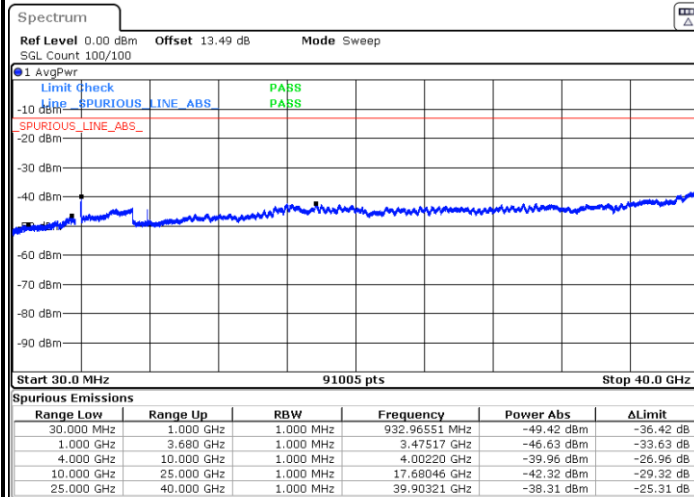
Date: 24.MAR.2022 11:26:54

Middle Channel / 1RB1



Date: 24.MAR.2022 11:28:19

Highest Channel / 1RB1



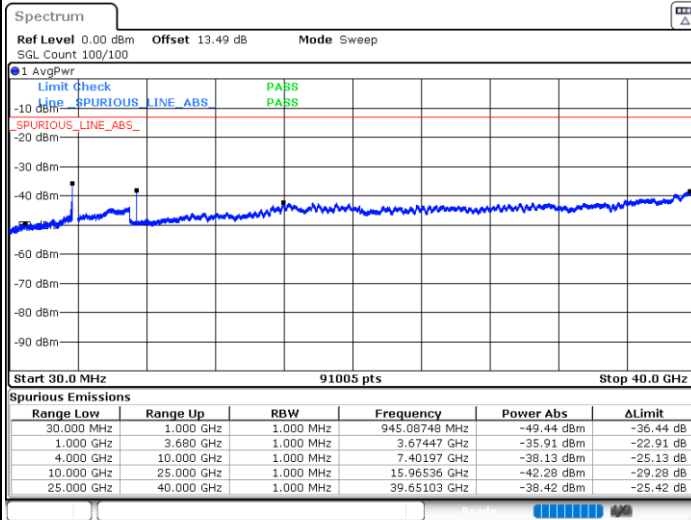
Date: 24.MAR.2022 11:29:35



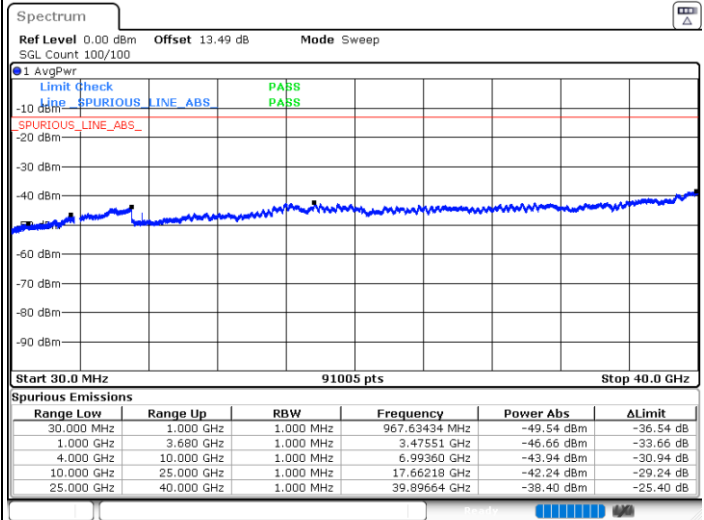
FR1 n77 / 50MHz / DFT-S OFDM / QPSK

Lowest Channel / 1RB1

Middle Channel / 1RB1

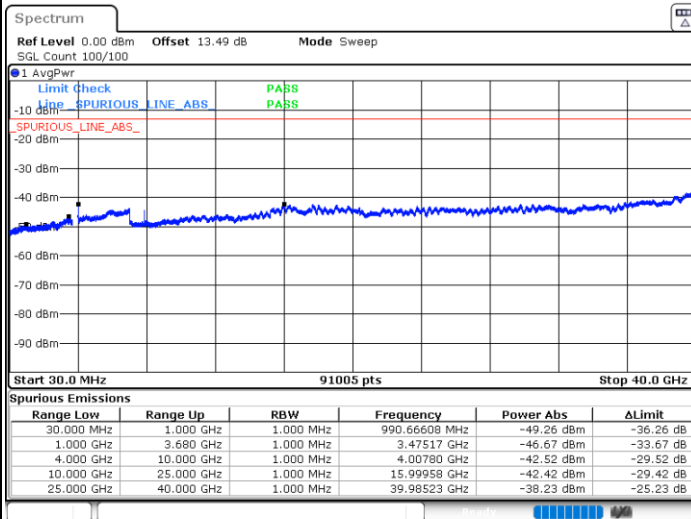


Date: 24.MAR.2022 11:42:51



Date: 24.MAR.2022 11:45:02

Highest Channel / 1RB1



Date: 24.MAR.2022 11:46:18

Frequency Stability



Test Conditions		FR1 n77 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 50MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0016	PASS
40	Normal Voltage	0.0021	
30	Normal Voltage	0.0005	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0014	
0	Normal Voltage	0.0026	
-10	Normal Voltage	0.0055	
-20	Normal Voltage	0.0003	
-30	Normal Voltage	0.0001	
20	Maximum Voltage	0.0016	
20	Normal Voltage	0.0013	
20	Battery End Point	0.0027	

Note:

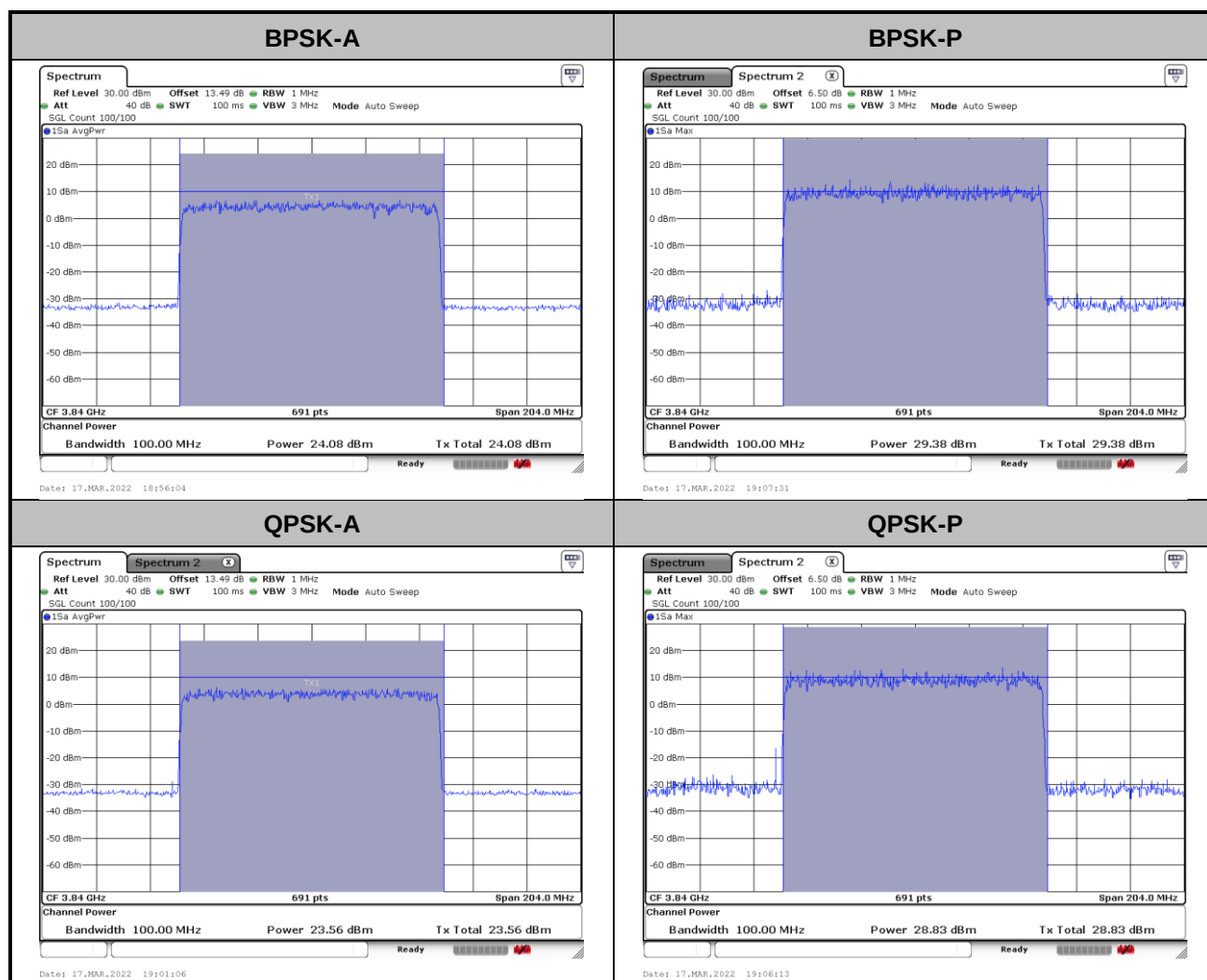
1. Normal Voltage =3.87 V. ; Battery End Point (BEP) =3.6 V. ; Maximum Voltage =4.45V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



FR1 n77(SCS 30kHz)

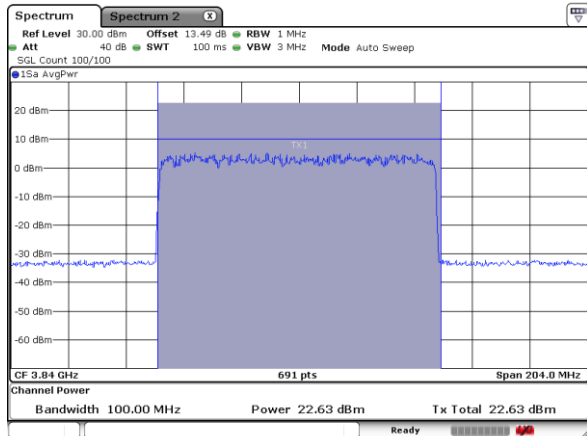
Peak-to-Average Ratio

Mode	FR1 n71 / 100MHz / DFT-S OFDM				
Mod.	100M				Limit: 13dB
RB Size	BPSK	QPSK	16QAM	64QAM	Result
Middle CH	5.3	5.27	5.32	5.28	PASS
RB Size	256QAM				
Middle CH	5.35				



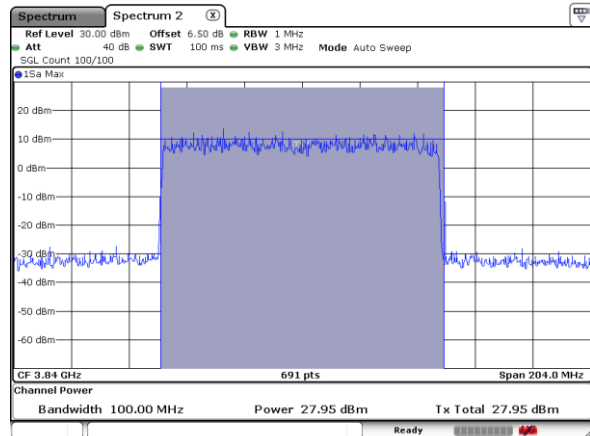


16QAM-A



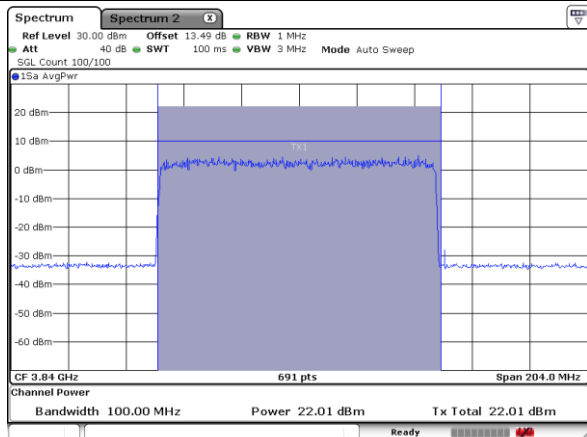
Date: 17.MAR.2022 19:01:36

16QAM-P



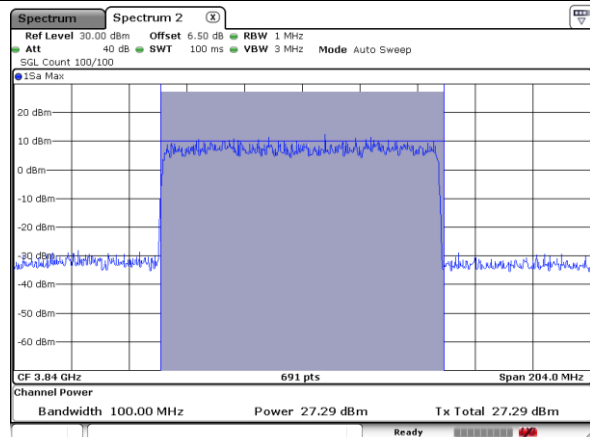
Date: 17.MAR.2022 19:05:49

64QAM-A



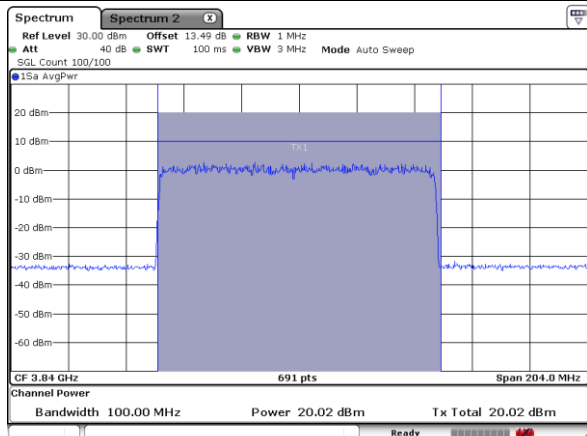
Date: 17.MAR.2022 19:03:27

64QAM-P



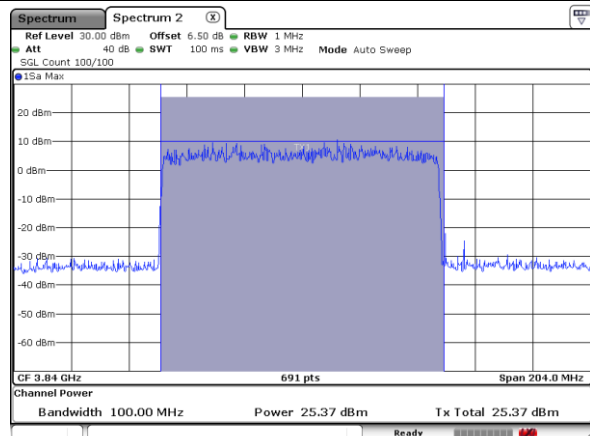
Date: 17.MAR.2022 19:05:22

256QAM-A



Date: 17.MAR.2022 19:04:09

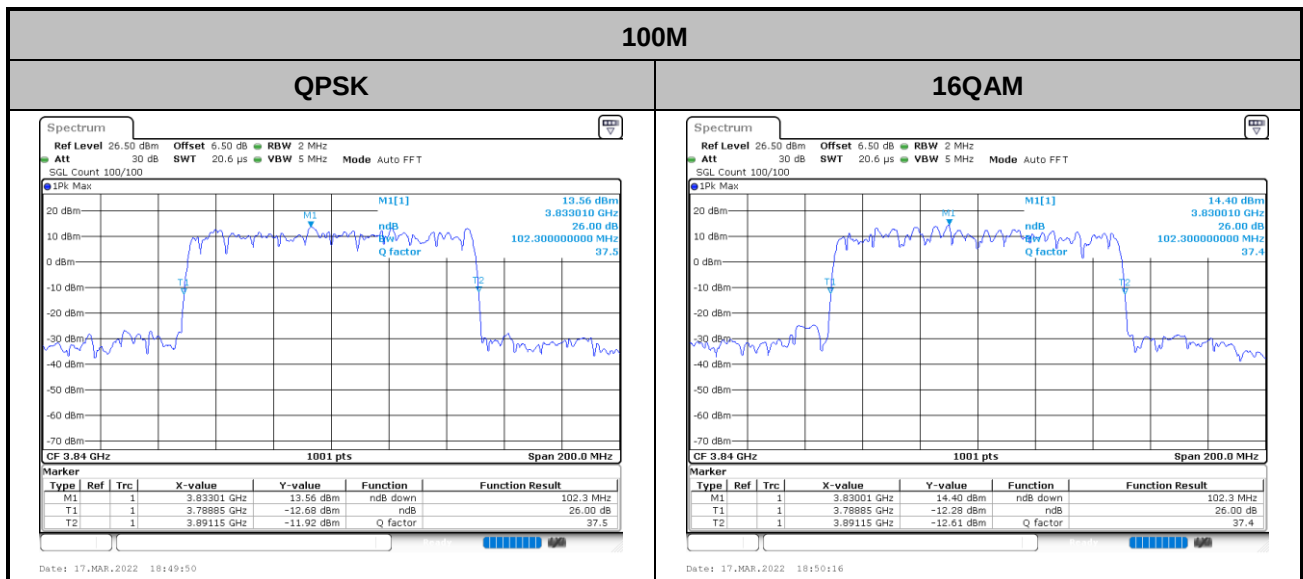
256QAM-P



Date: 17.MAR.2022 19:04:55

**26dB Bandwidth**

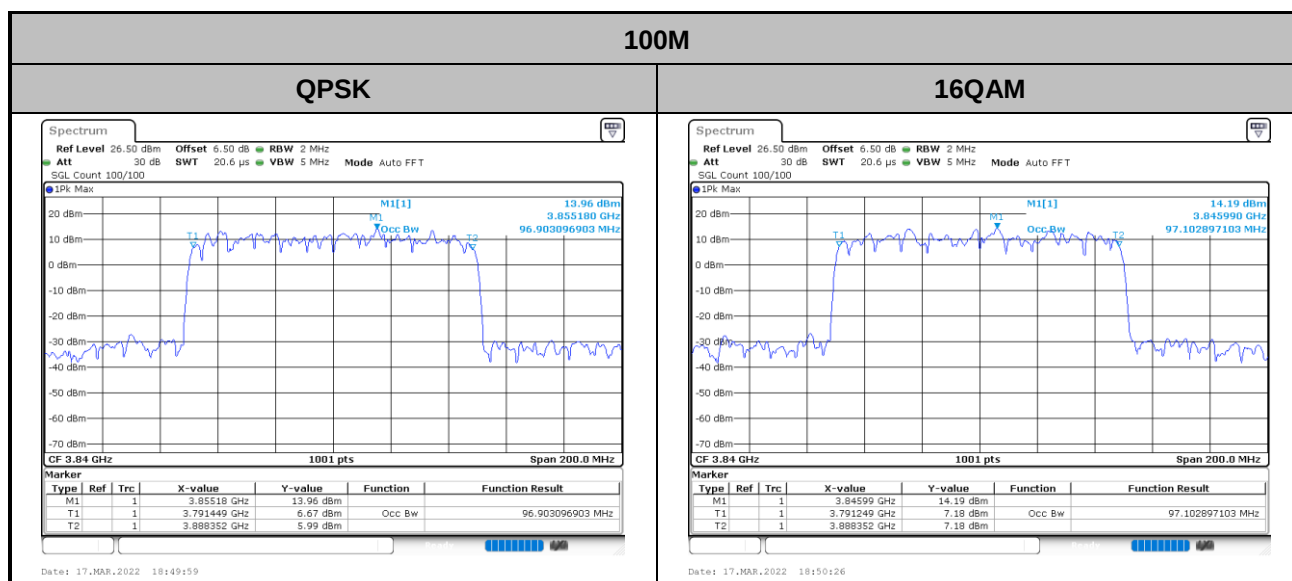
Mode	FR1 n77 : 26dB BW(MHz) / DFT-S OFDM	
BW	100M	
Mod.	QPSK	16QAM
Middle CH	102.3	102.3





Occupied Bandwidth

Mode	FR1 n77: OB BW(MHz) / DFT-S OFDM	
BW	100M	
Mod.	QPSK	16QAM
Middle CH	96.90	97.10

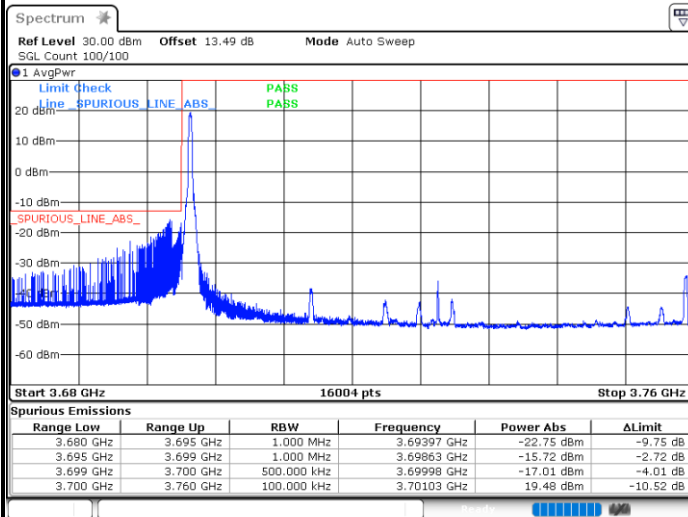




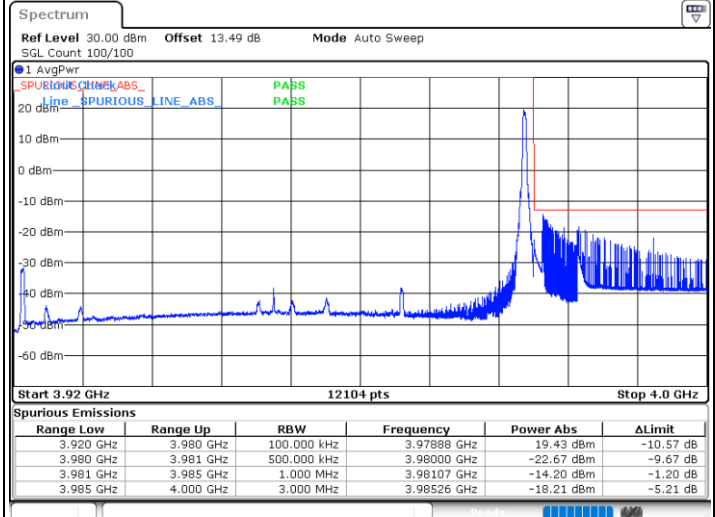
Conducted Band Edge

FR1 n77/ 60MHz / DFT-S OFDM / PI/2 BPSK

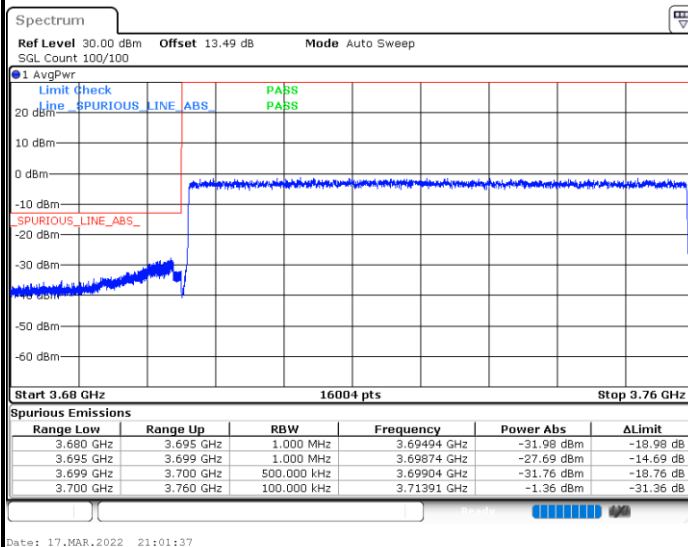
Lowest Band Edge / 1RB0



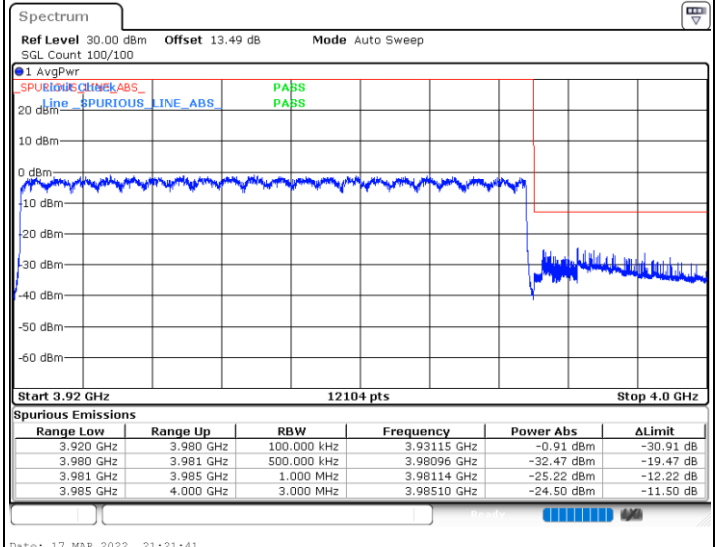
Highest Band Edge / 1RBmax



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

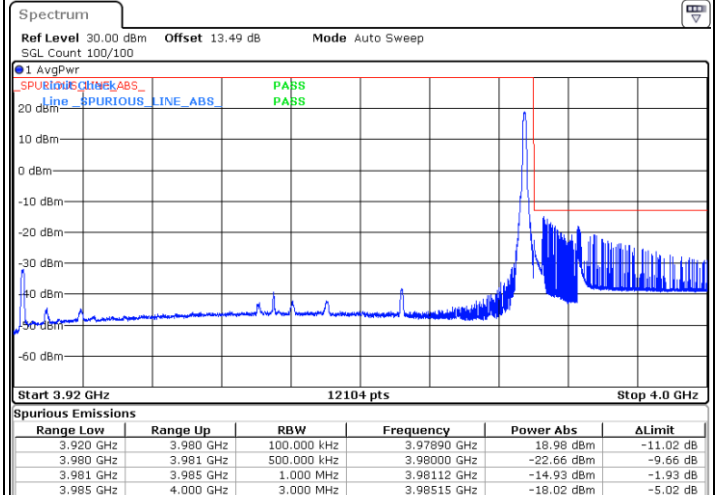
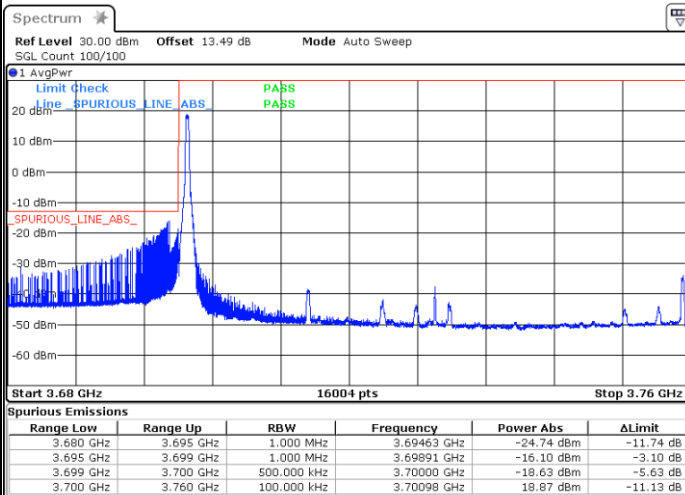




FR1 n77 / 60MHz / DFT-S OFDM / QPSK

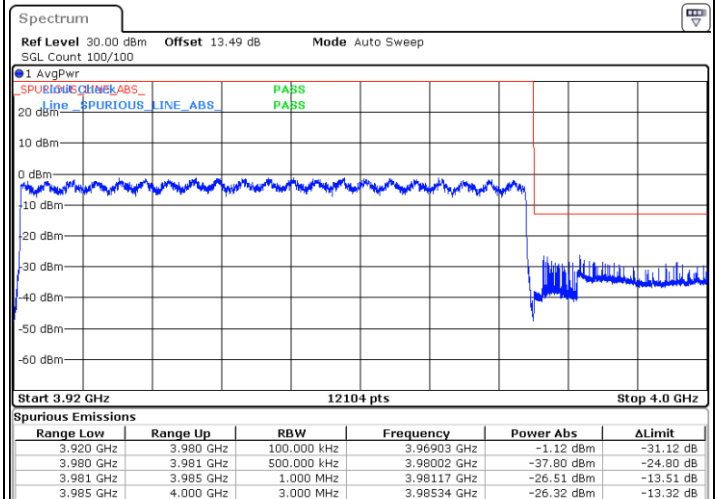
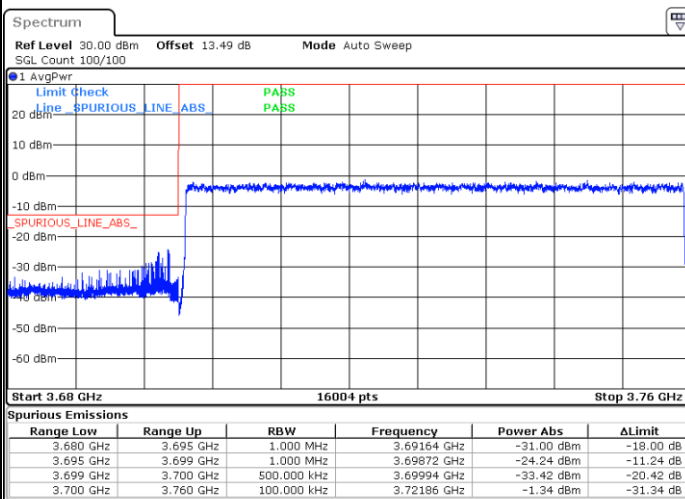
Lowest Band Edge / 1RB0

Highest Band Edge / 1RBmax



Lowest Band Edge / Full RB

Highest Band Edge / Full RB

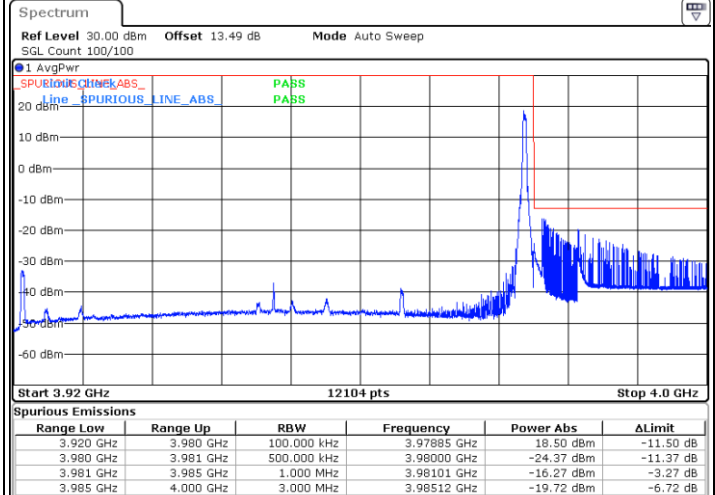
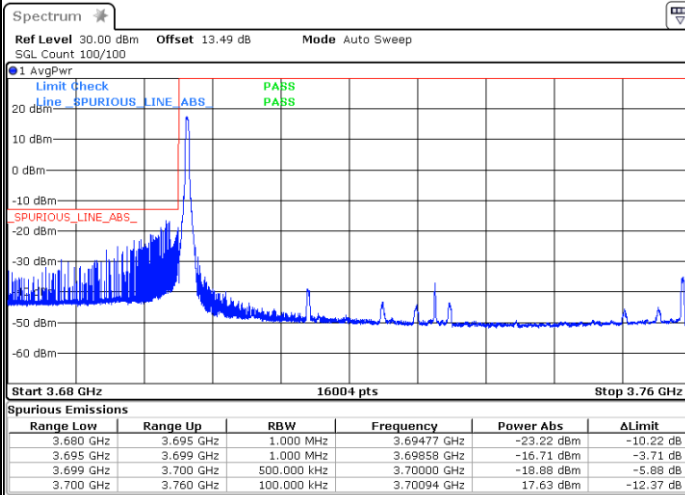




FR1 n77 / 60MHz / DFT-S OFDM / 16Q

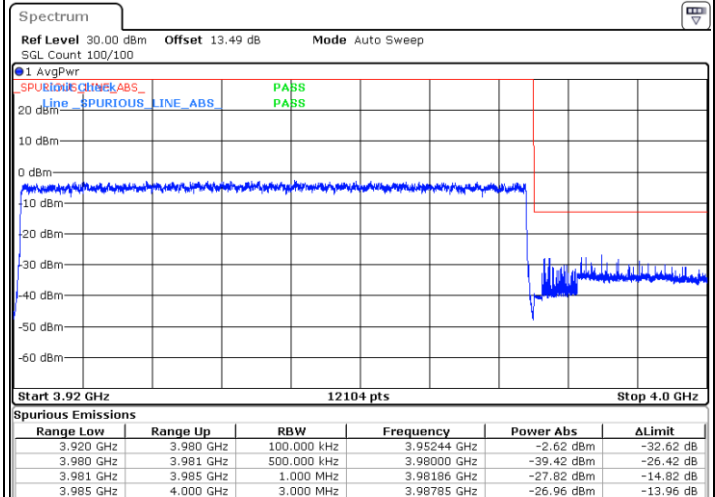
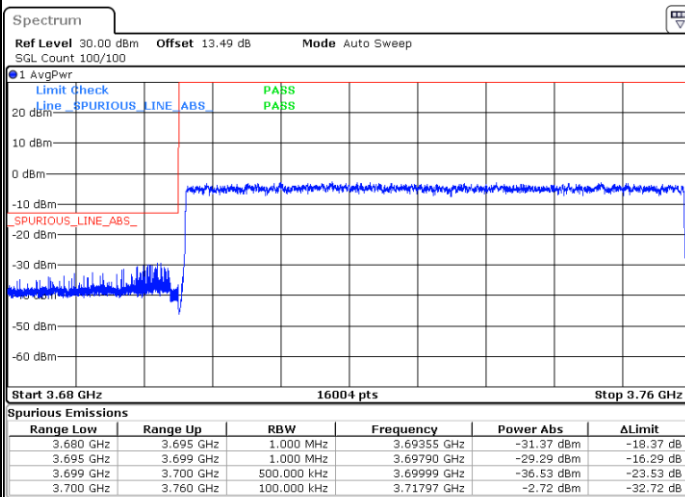
Lowest Band Edge / 1RB0

Highest Band Edge / 1RBmax



Lowest Band Edge / Full RB

Highest Band Edge / Full RB

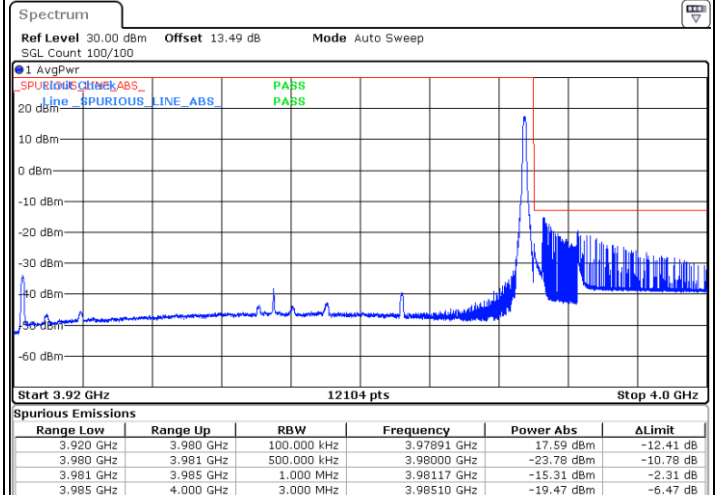
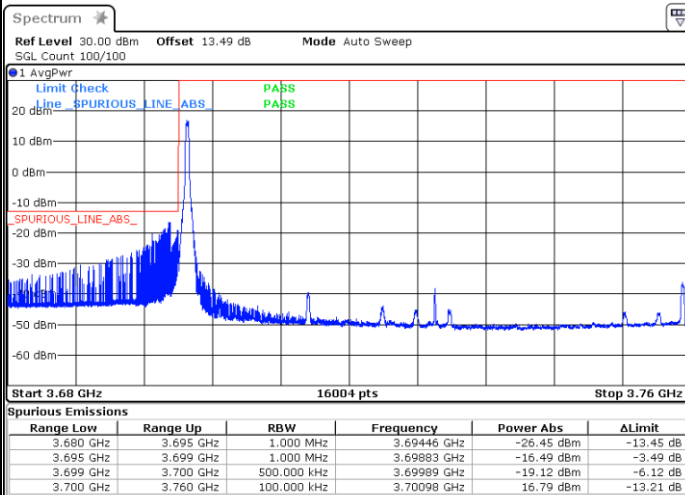




FR1 n77 / 60MHz / DFT-S OFDM / 64Q

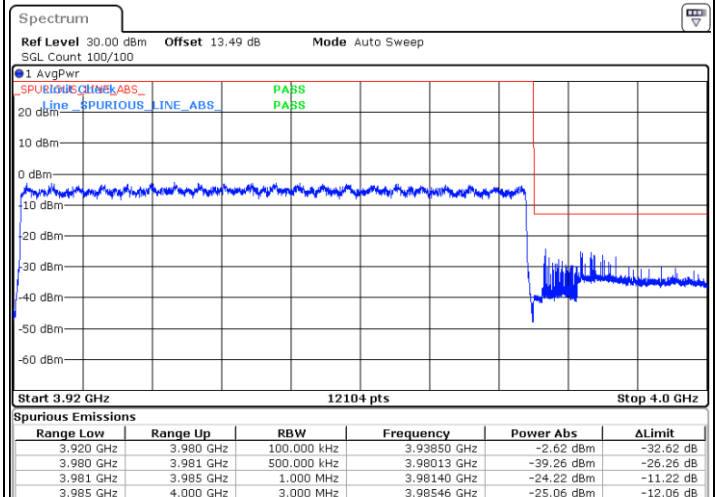
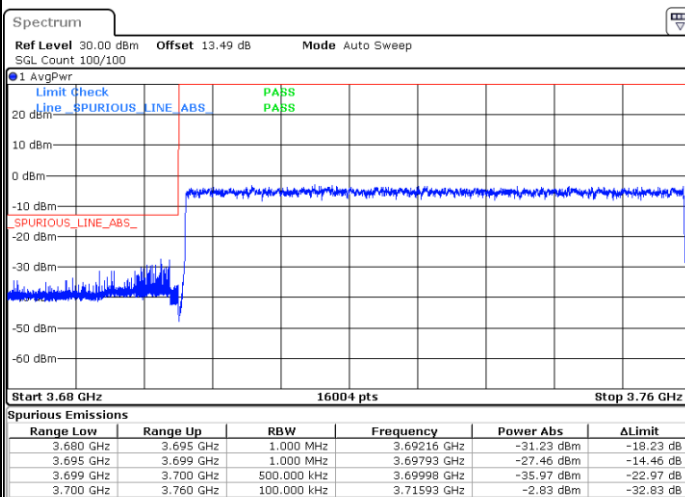
Lowest Band Edge / 1RB0

Highest Band Edge / 1RBmax



Lowest Band Edge / Full RB

Highest Band Edge / Full RB

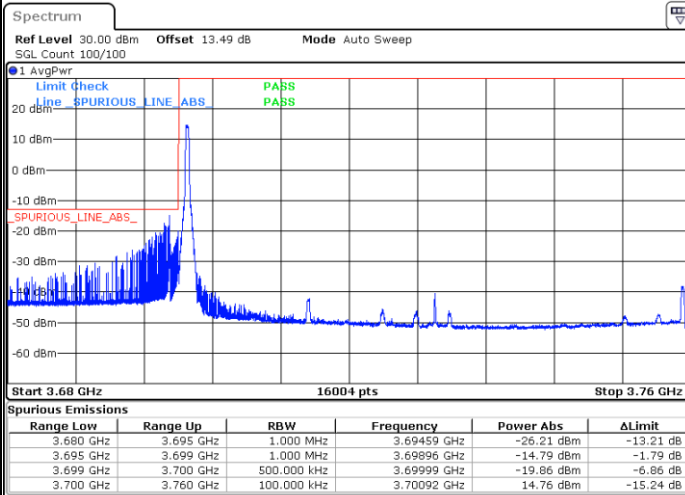




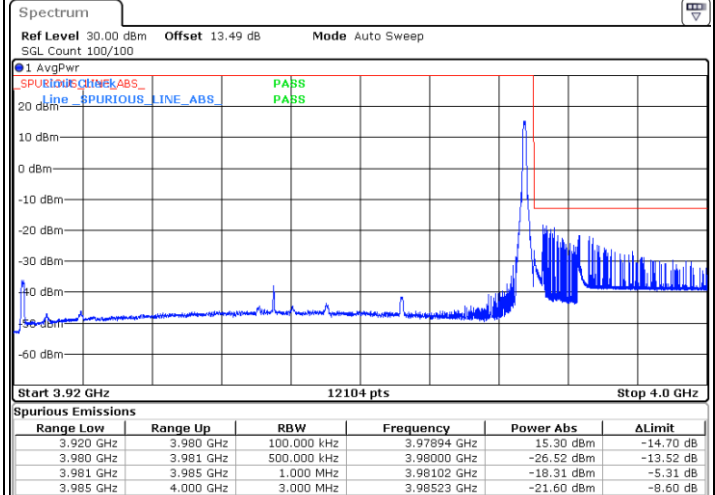
FR1 n77 / 60MHz / DFT-S OFDM / 256Q

Lowest Band Edge / 1RB0

Highest Band Edge / 1RBmax



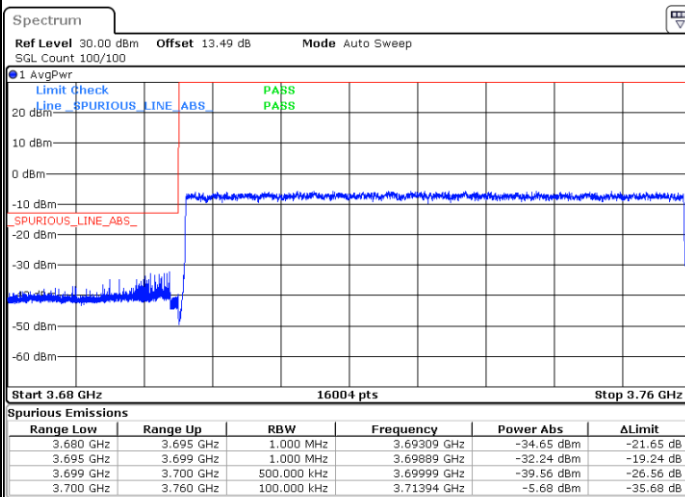
Date: 17.MAR.2022 20:57:03



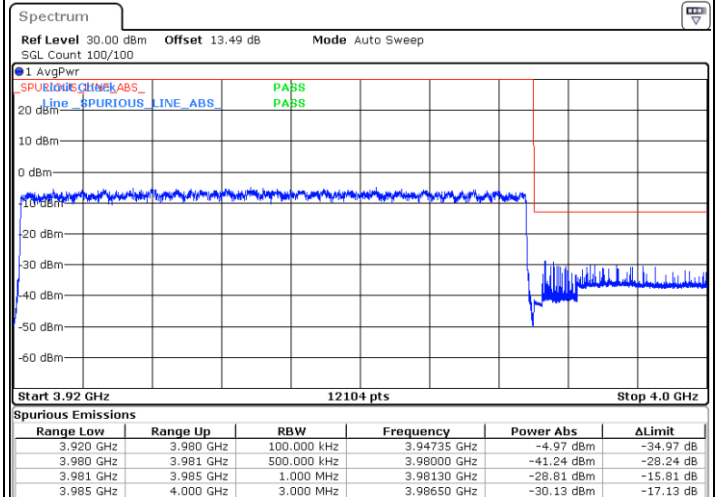
Date: 17.MAR.2022 21:11:53

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 17.MAR.2022 20:58:01



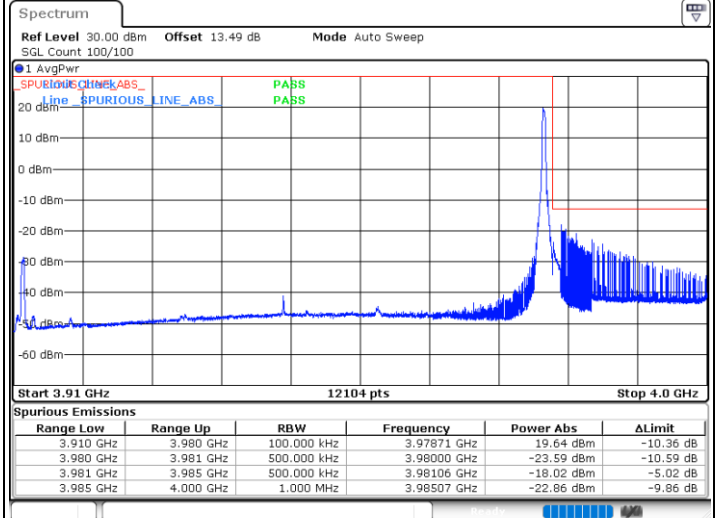
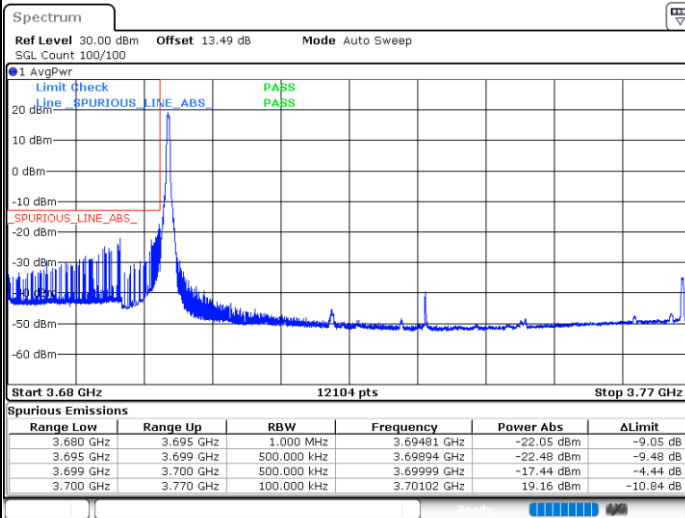
Date: 17.MAR.2022 21:13:06

FR1 n77/ 70MHz / DFT-S OFDM / PI/2 BPSK



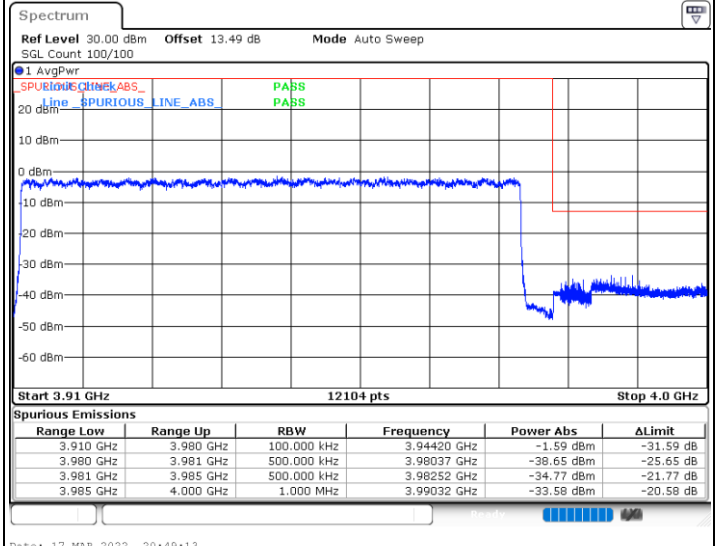
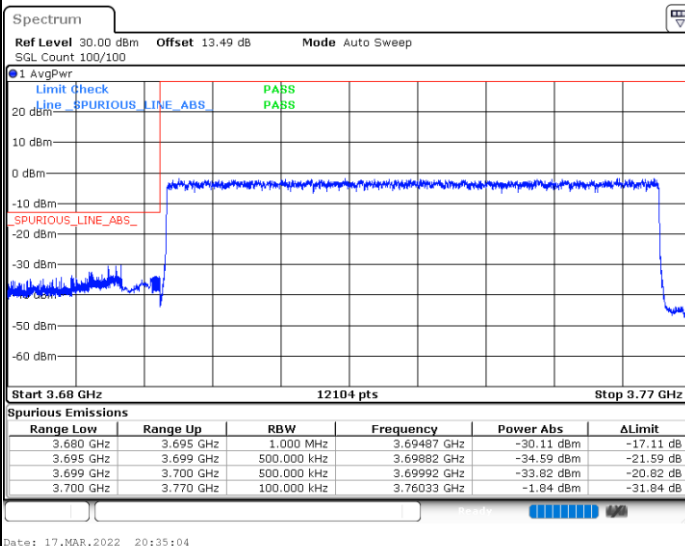
Lowest Band Edge / 1RB0

Highest Band Edge / 1RBmax



Lowest Band Edge / Full RB

Highest Band Edge / Full RB

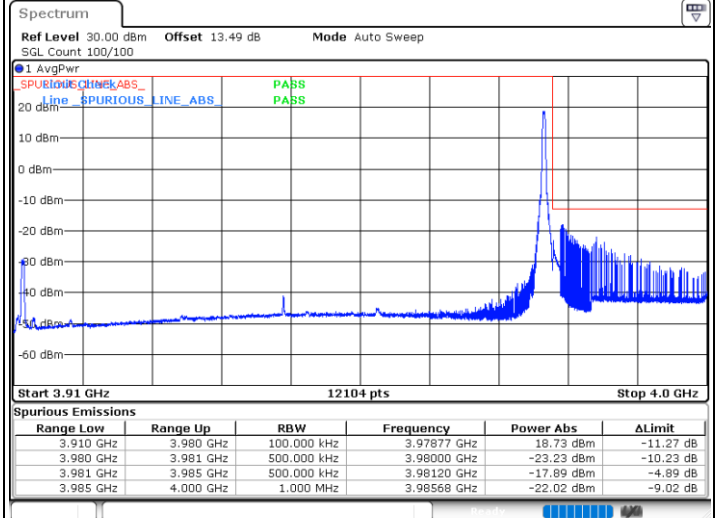
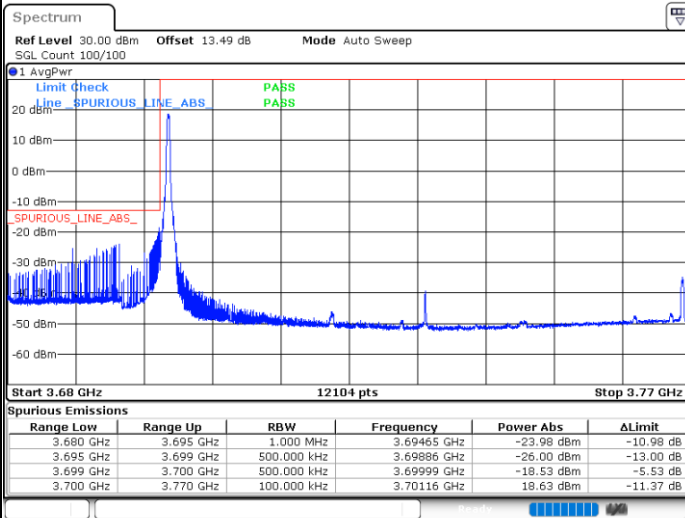


FR1 n77 / 70MHz / DFT-S OFDM / QPSK



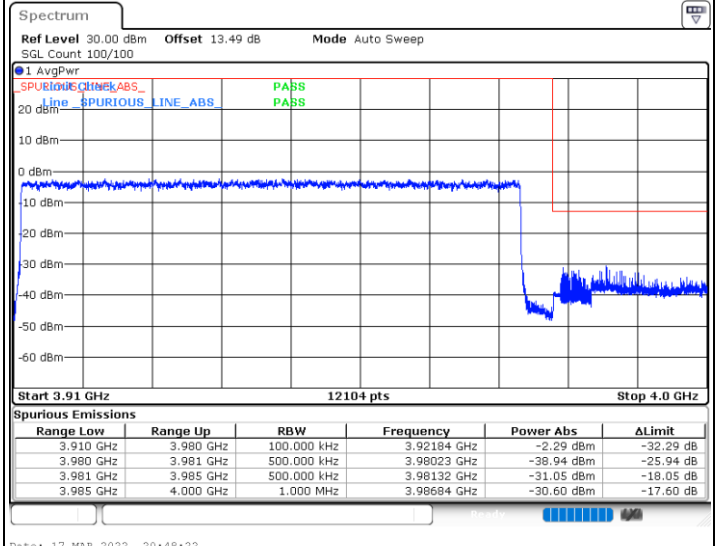
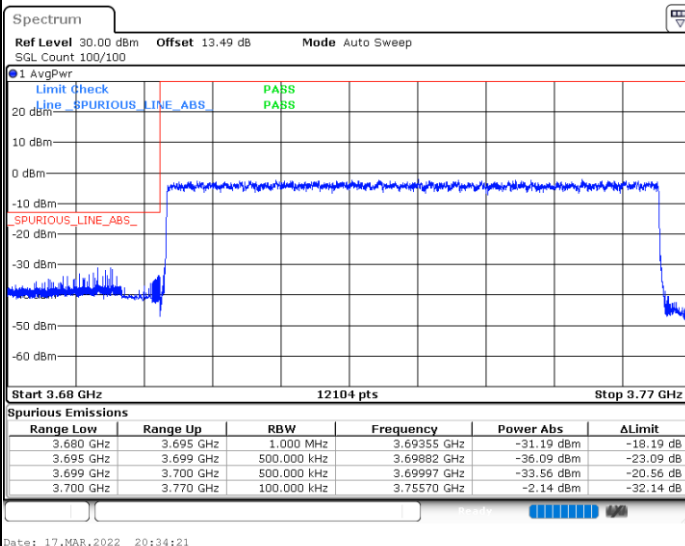
Lowest Band Edge / 1RB0

Highest Band Edge / 1RBmax



Lowest Band Edge / Full RB

Highest Band Edge / Full RB

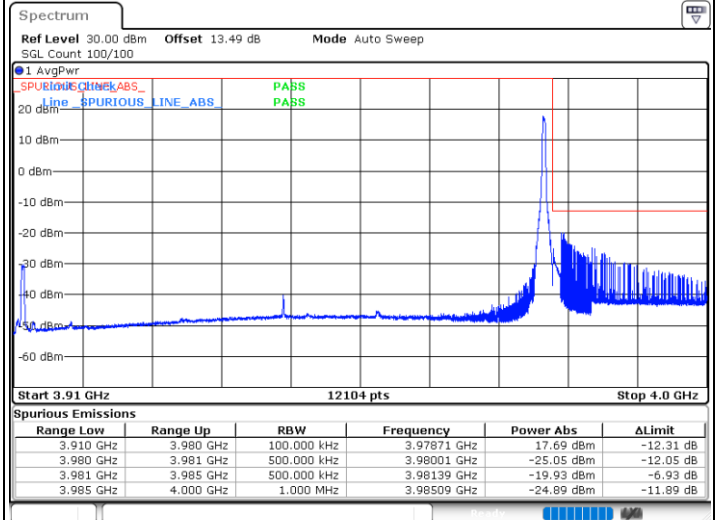
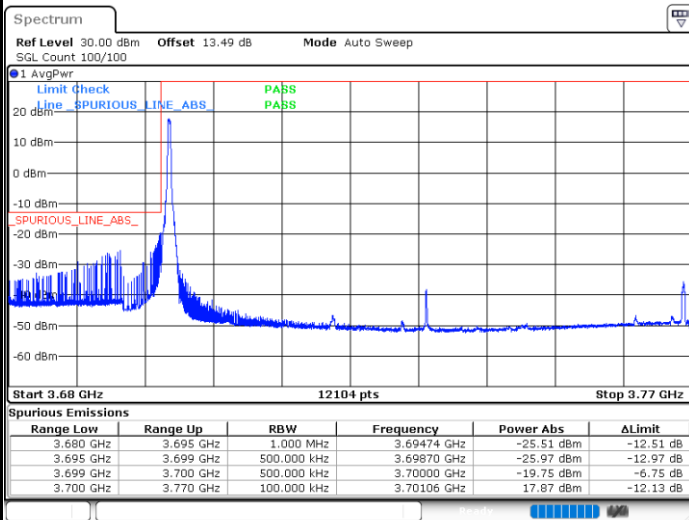


FR1 n77 / 70MHz / DFT-S OFDM / 16Q



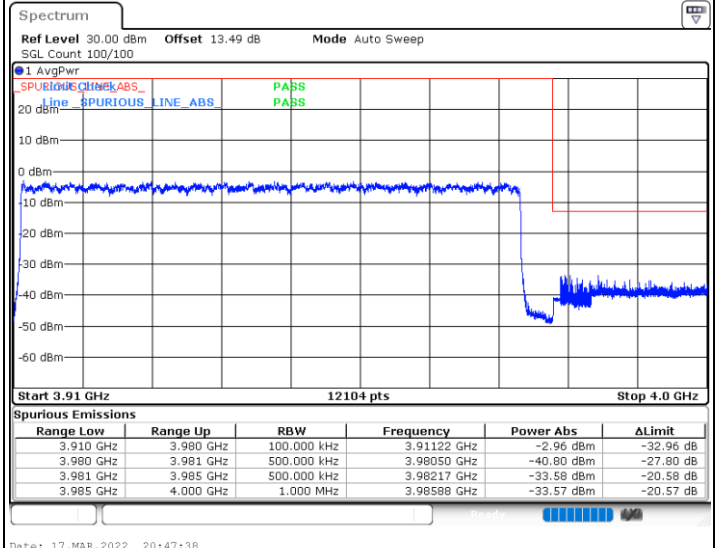
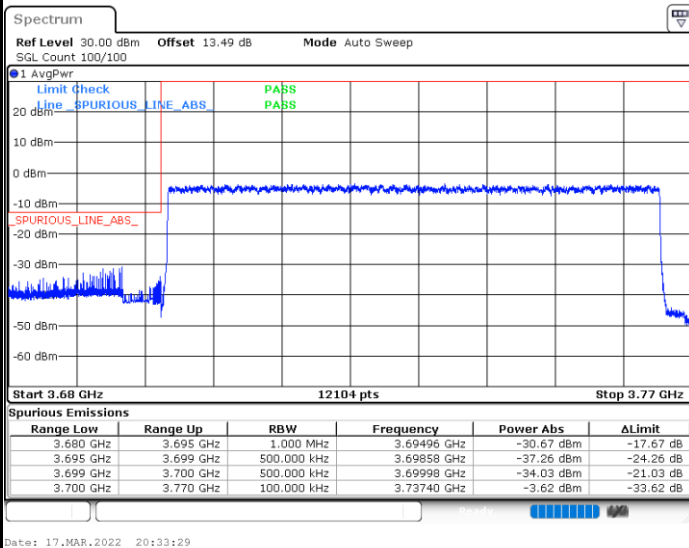
Lowest Band Edge / 1RB0

Highest Band Edge / 1RBmax



Lowest Band Edge / Full RB

Highest Band Edge / Full RB

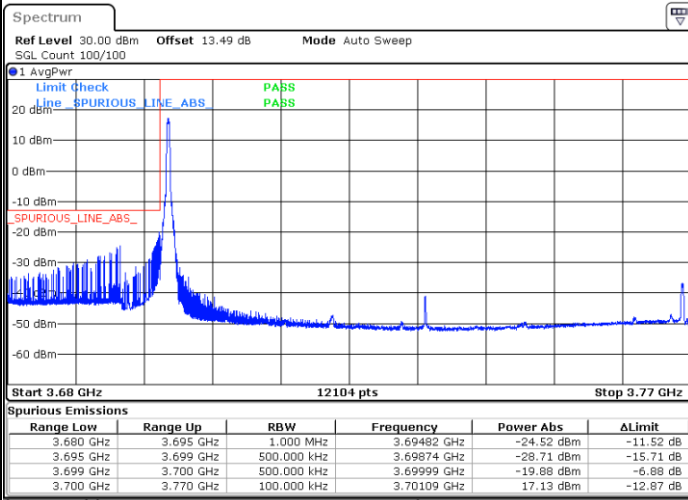




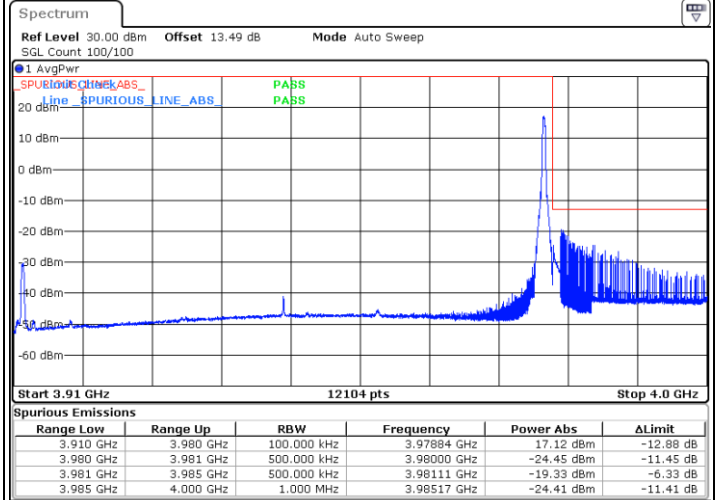
FR1 n77 / 70MHz / DFT-S OFDM / 64Q

Lowest Band Edge / 1RB0

Highest Band Edge / 1RBmax



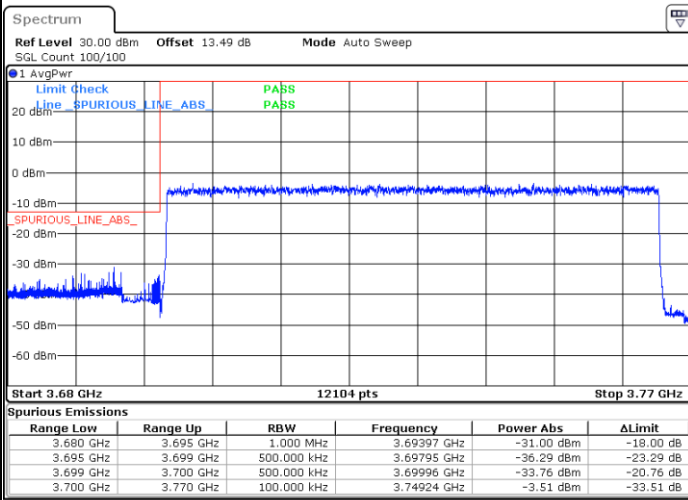
Date: 17.MAR.2022 20:30:27



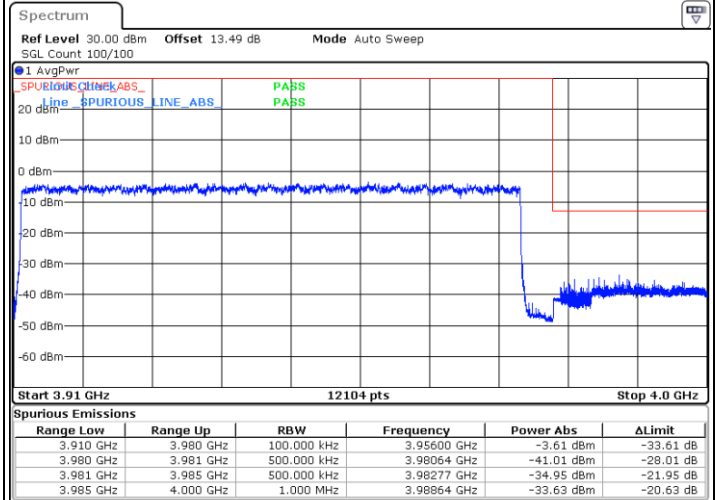
Date: 17.MAR.2022 20:44:53

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 17.MAR.2022 20:32:53



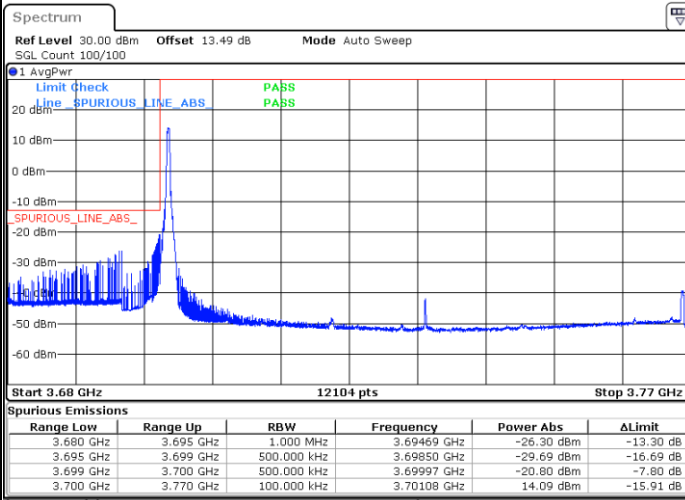
Date: 17.MAR.2022 20:47:02



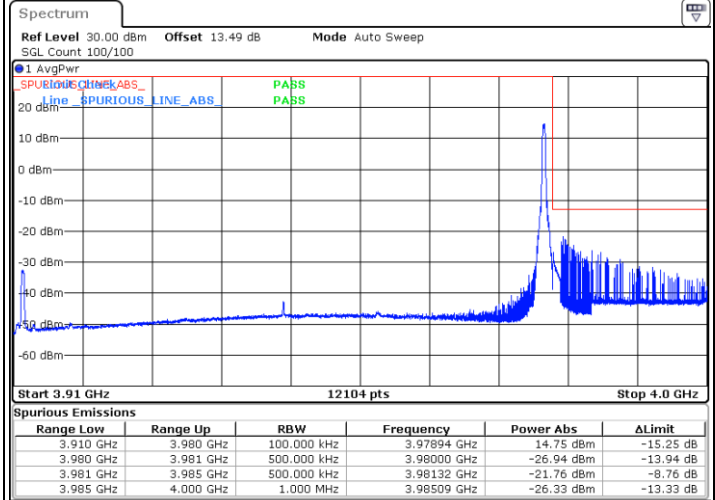
FR1 n77 / 70MHz / DFT-S OFDM / 256Q

Lowest Band Edge / 1RB0

Highest Band Edge / 1RBmax



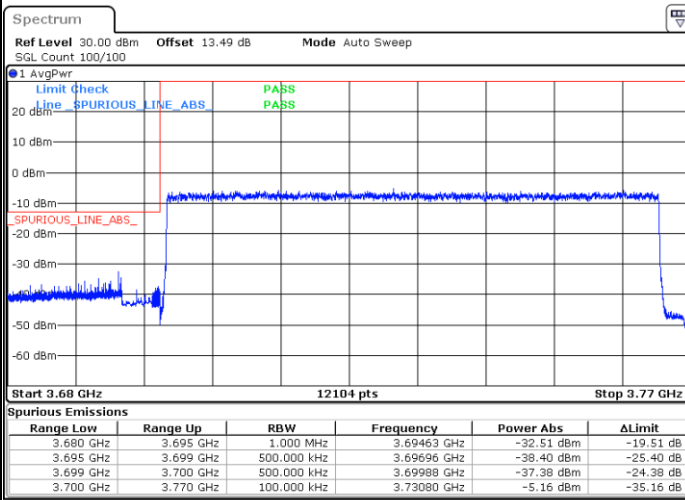
Date: 17.MAR.2022 20:31:16



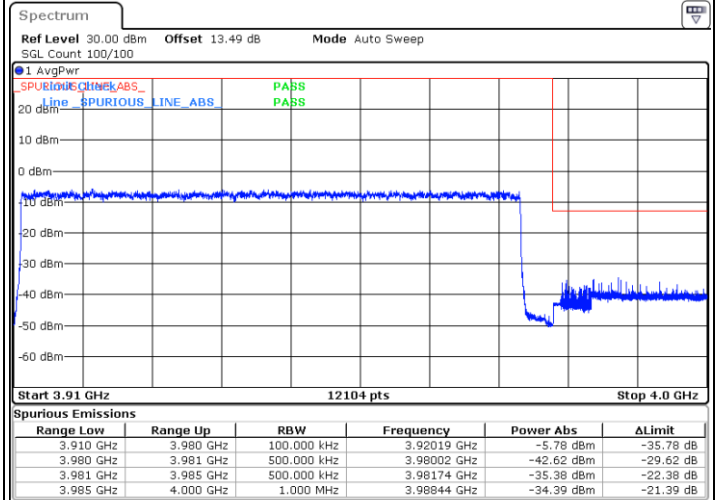
Date: 17.MAR.2022 20:45:35

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 17.MAR.2022 20:32:16



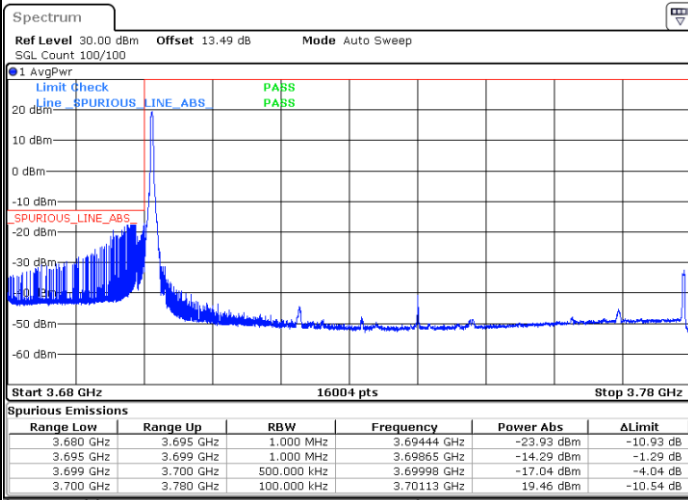
Date: 17.MAR.2022 20:46:26



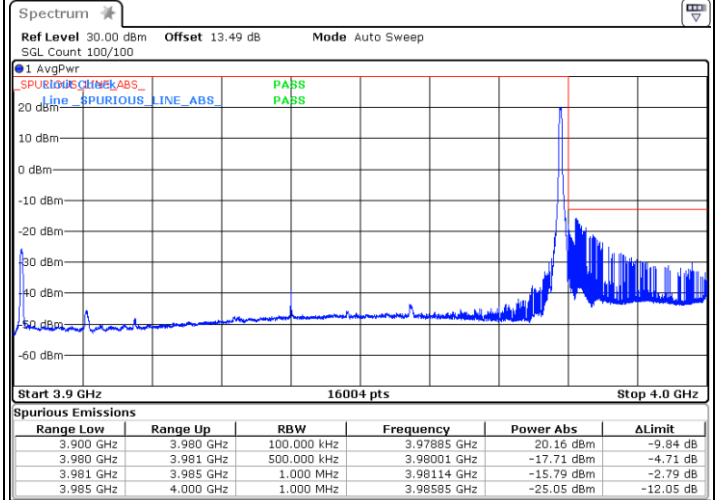
FR1 n77 / 80MHz / DFT-S OFDM / PI/2 BPSK

Lowest Band Edge / 1RB0

Highest Band Edge / 1RBmax



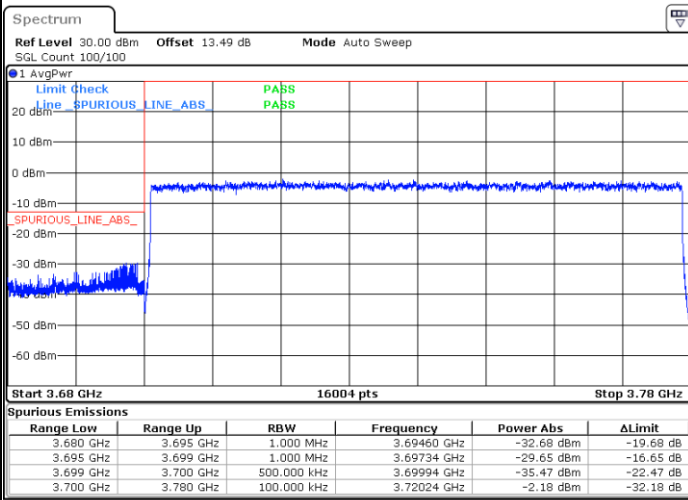
Date: 17.MAR.2022 20:05:48



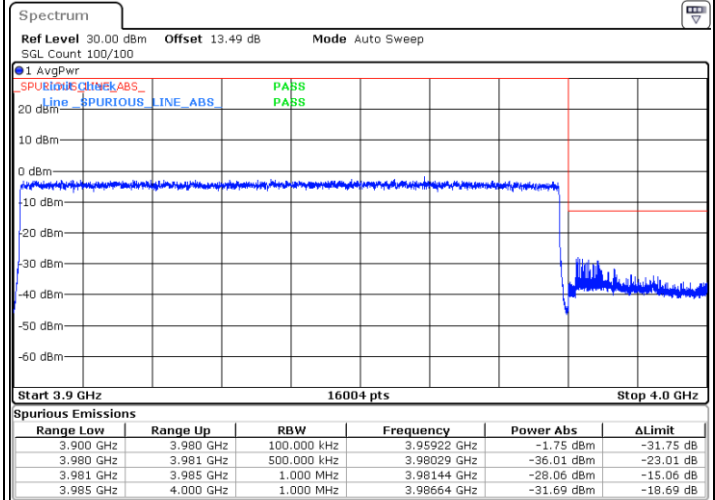
Date: 17.MAR.2022 20:18:33

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 17.MAR.2022 20:12:40



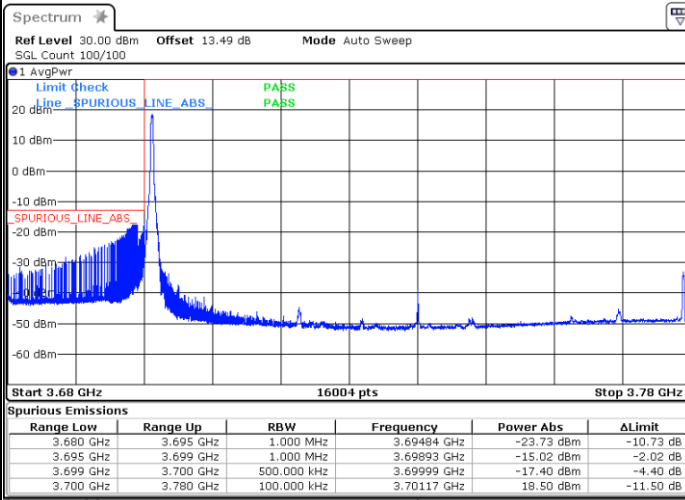
Date: 17.MAR.2022 20:26:26



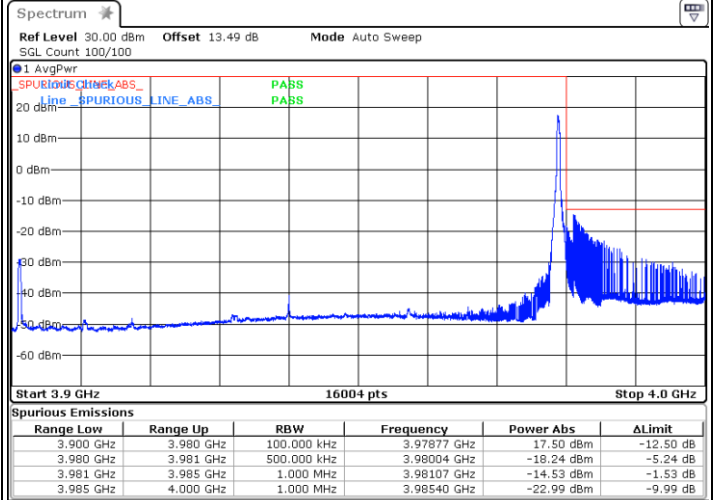
FR1 n77 / 80MHz / DFT-S OFDM / QPSK

Lowest Band Edge / 1RB0

Highest Band Edge / 1RBmax



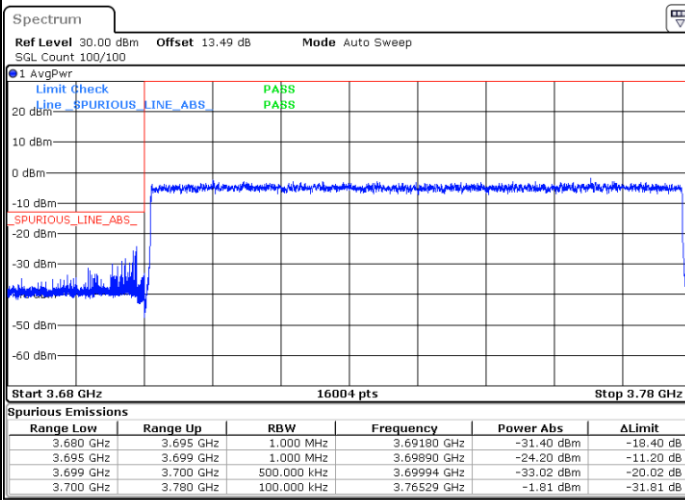
Date: 17.MAR.2022 20:07:15



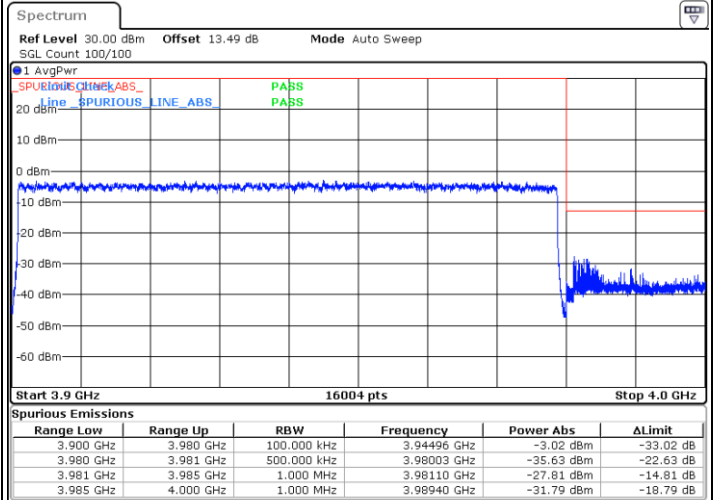
Date: 17.MAR.2022 20:19:41

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 17.MAR.2022 20:11:44

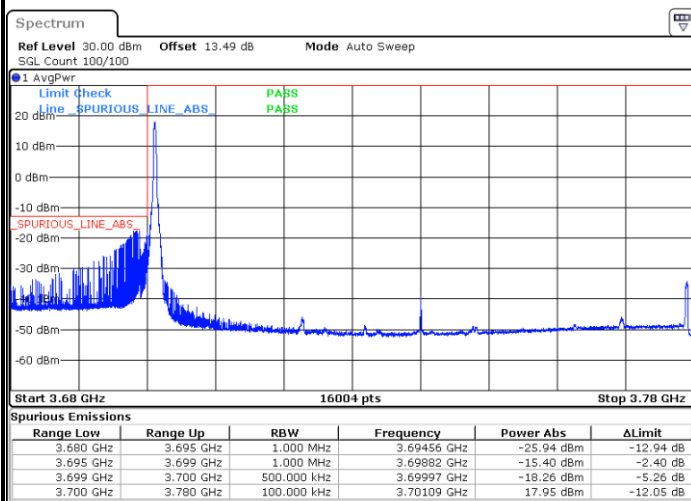


Date: 17.MAR.2022 20:25:43

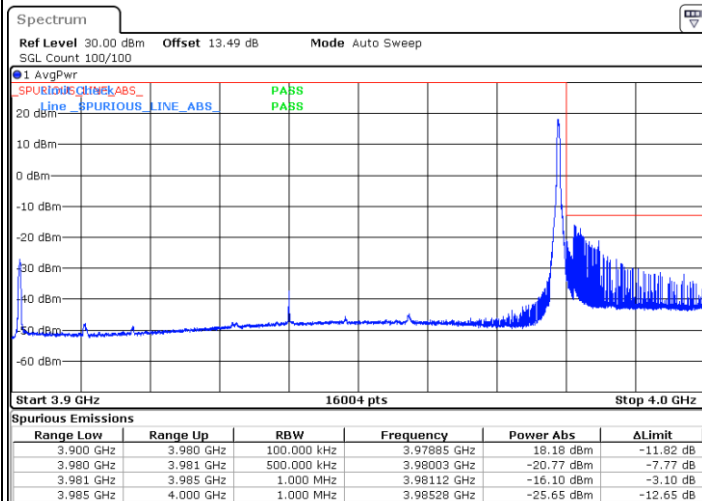


FR1 n77 / 80MHz / DFT-S OFDM / 16Q

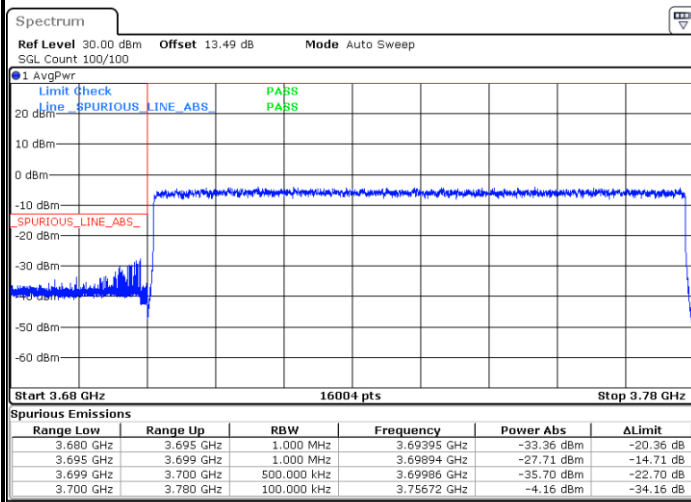
Lowest Band Edge / 1RB0



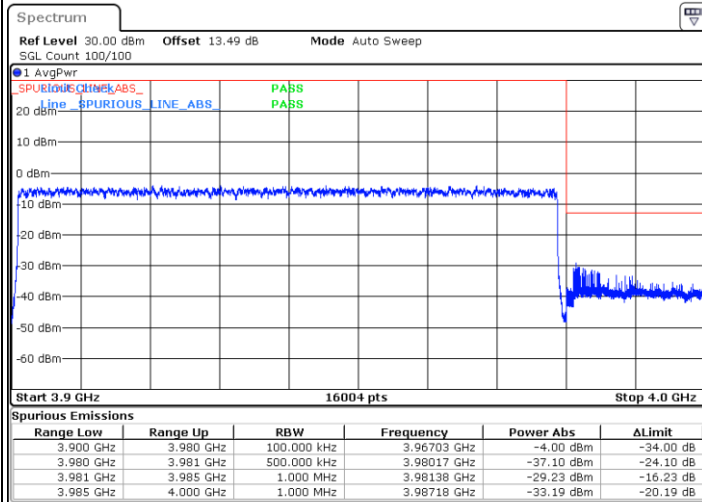
Highest Band Edge / 1RBmax



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

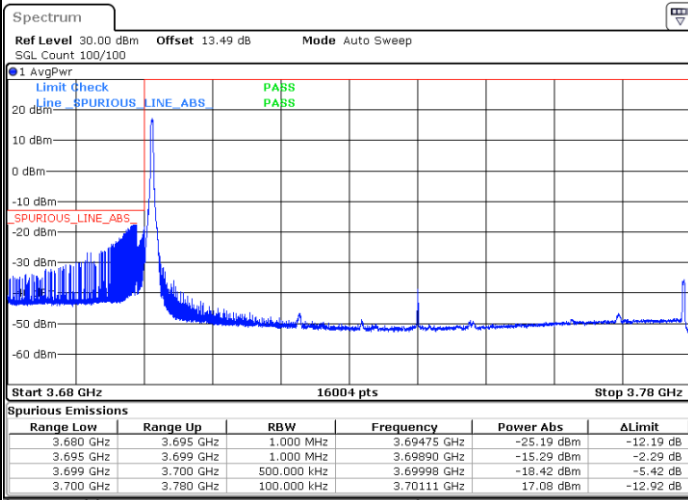




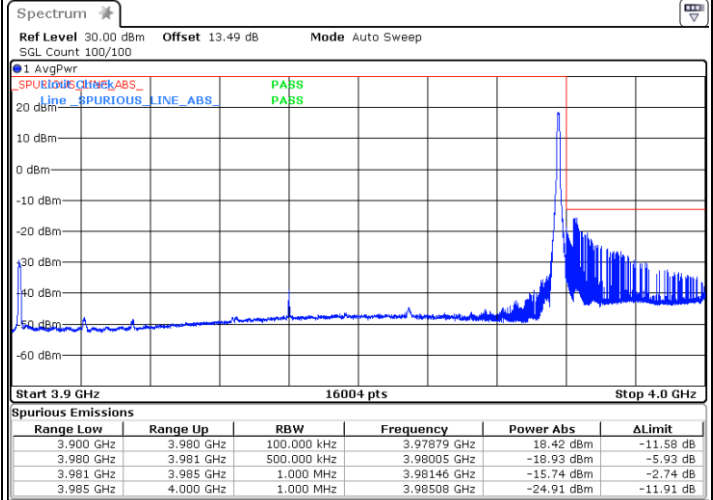
FR1 n77 / 80MHz / DFT-S OFDM / 64Q

Lowest Band Edge / 1RB0

Highest Band Edge / 1RBmax



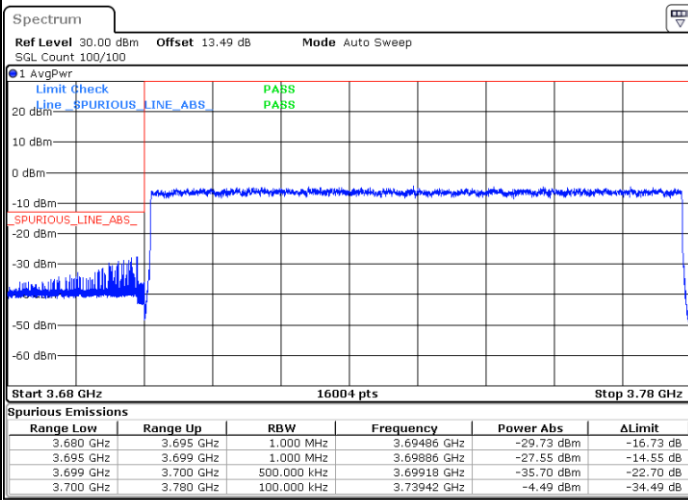
Date: 17.MAR.2022 20:08:26



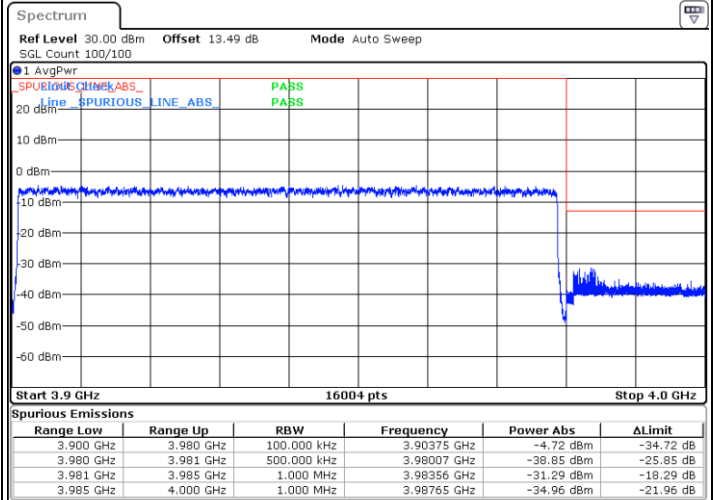
Date: 17.MAR.2022 20:21:32

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 17.MAR.2022 20:10:21



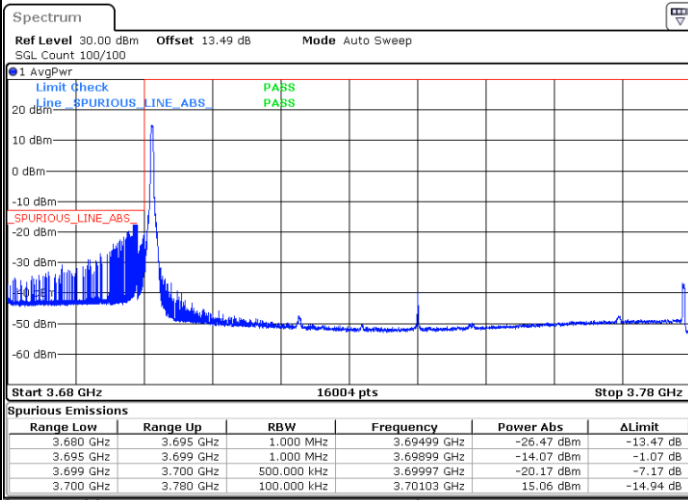
Date: 17.MAR.2022 20:23:55



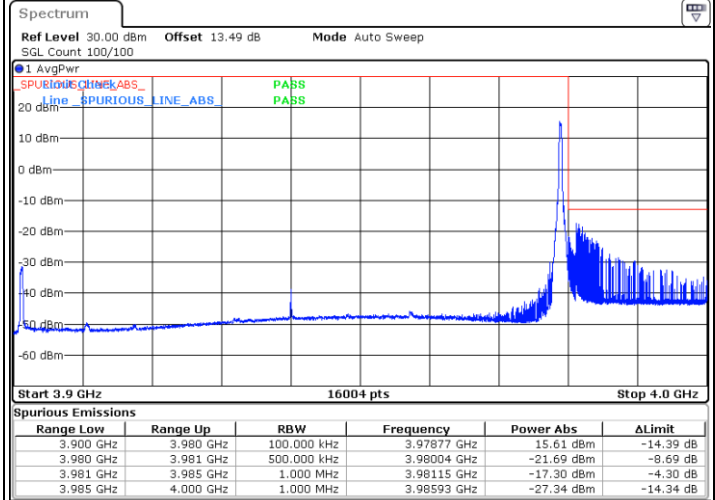
FR1 n77 / 80MHz / DFT-S OFDM / 256Q

Lowest Band Edge / 1RB0

Highest Band Edge / 1RBmax



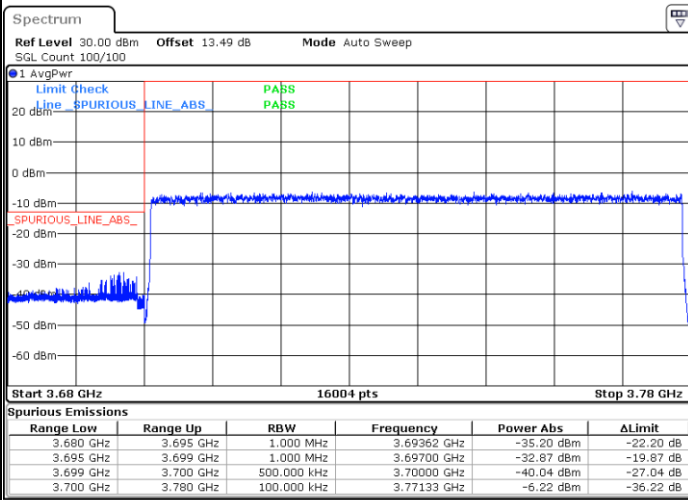
Date: 17.MAR.2022 20:09:05



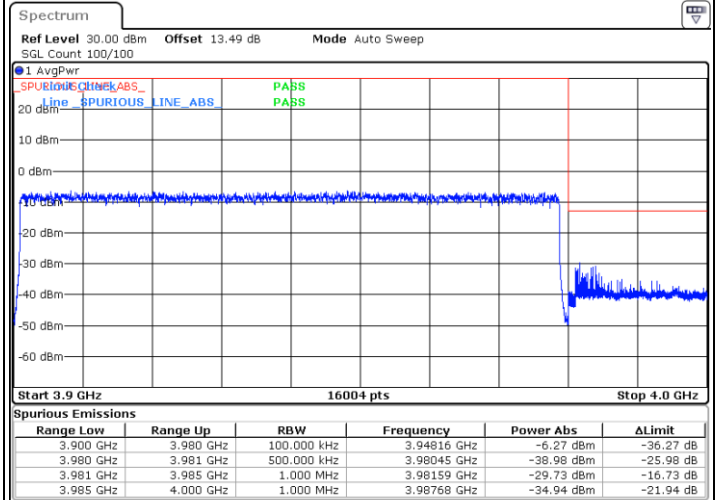
Date: 17.MAR.2022 20:22:15

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 17.MAR.2022 20:09:45



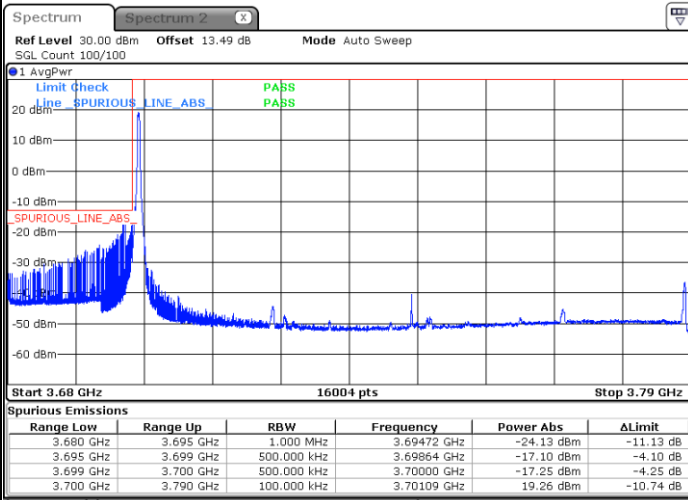
Date: 17.MAR.2022 20:23:06



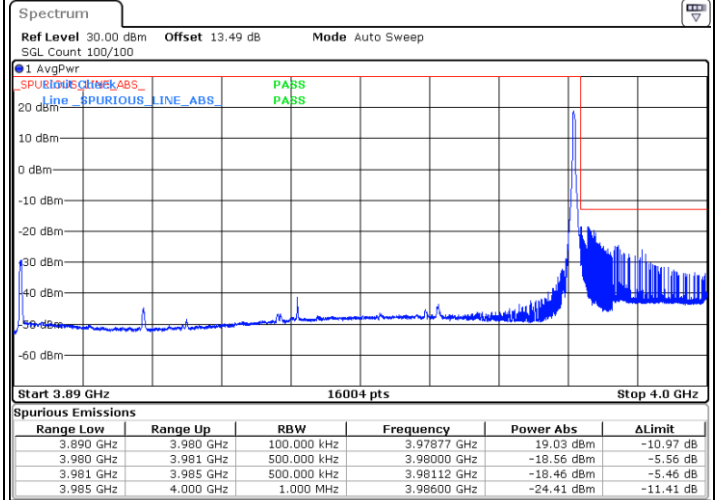
FR1 n77 / 90MHz / DFT-S OFDM / PI/2 BPSK

Lowest Band Edge / 1RB0

Highest Band Edge / 1RBmax



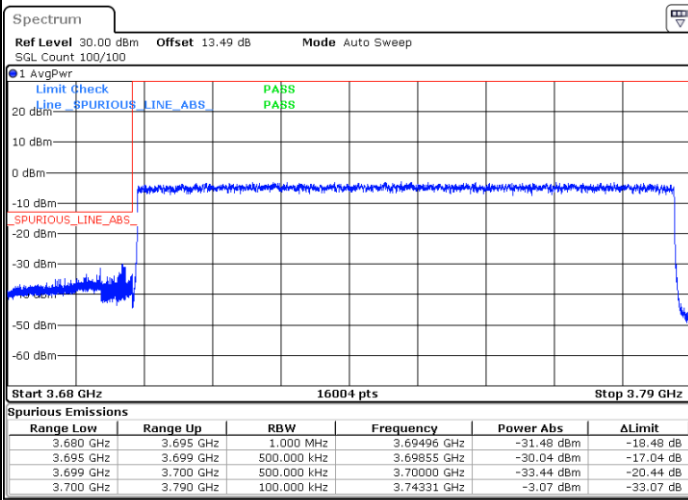
Date: 17.MAR.2022 19:37:00



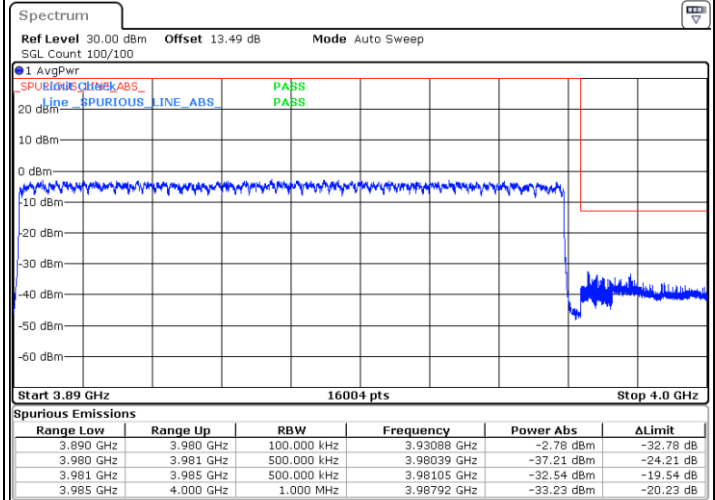
Date: 17.MAR.2022 19:45:07

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 17.MAR.2022 19:43:52

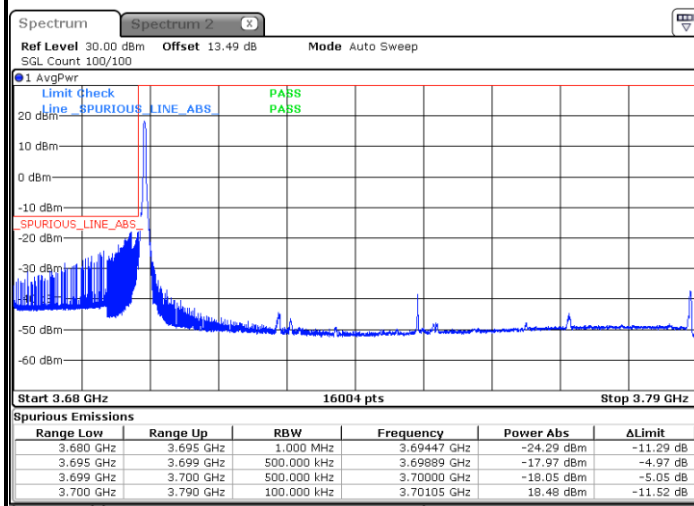


Date: 17.MAR.2022 20:00:19

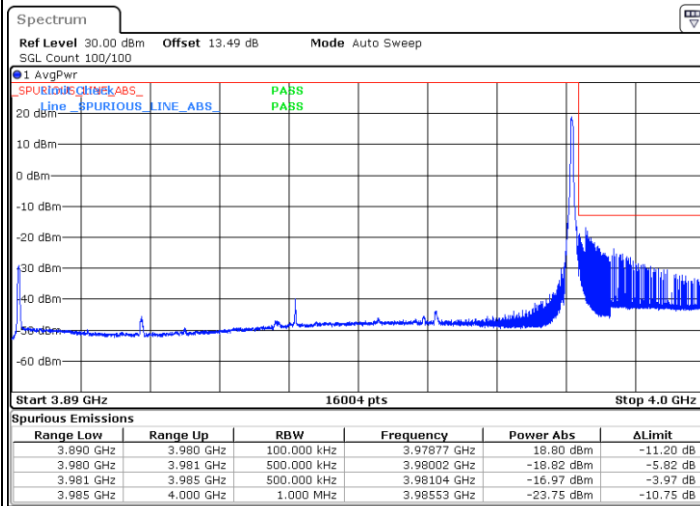


FR1 n77 / 90MHz / DFT-S OFDM / QPSK

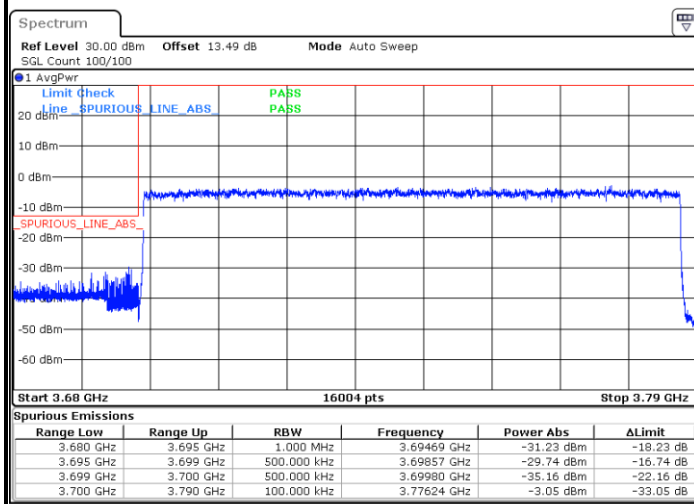
Lowest Band Edge / 1RB0



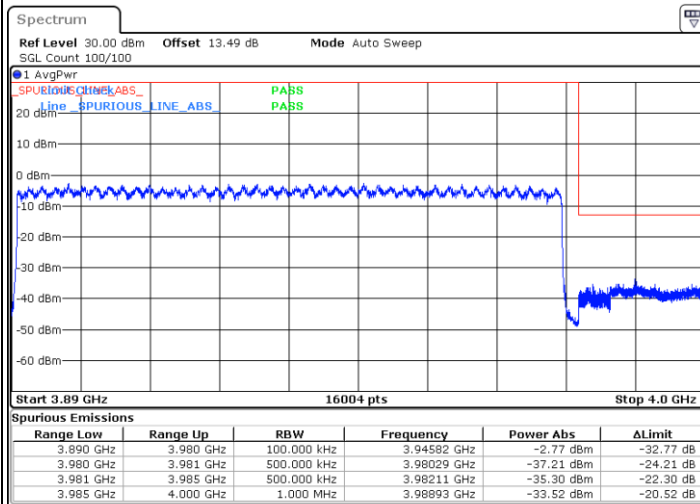
Highest Band Edge / 1RBmax



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

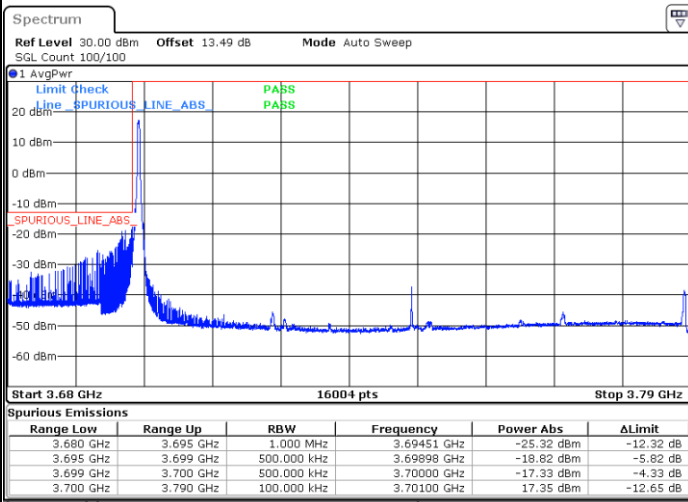




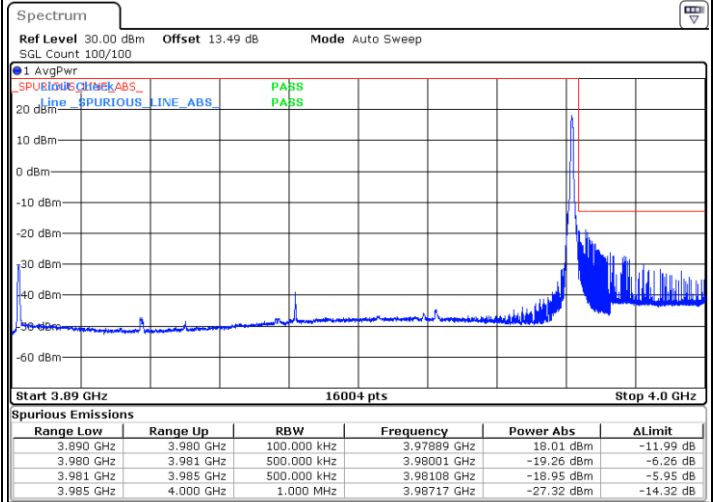
FR1 n77 / 90MHz / DFT-S OFDM / 16Q

Lowest Band Edge / 1RB0

Highest Band Edge / 1RBmax



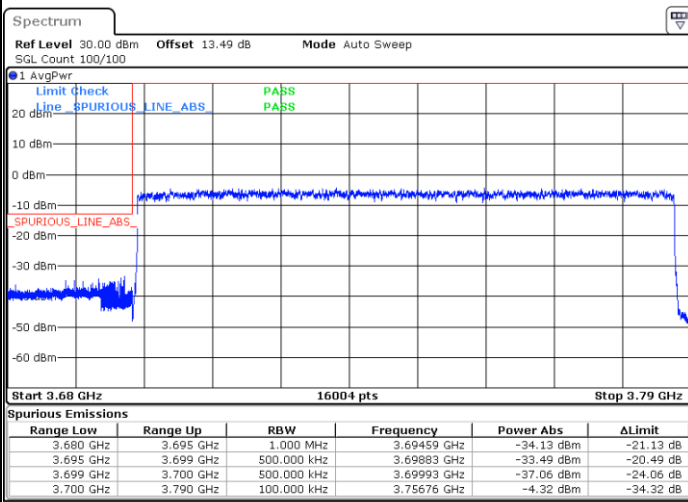
Date: 17.MAR.2022 19:39:02



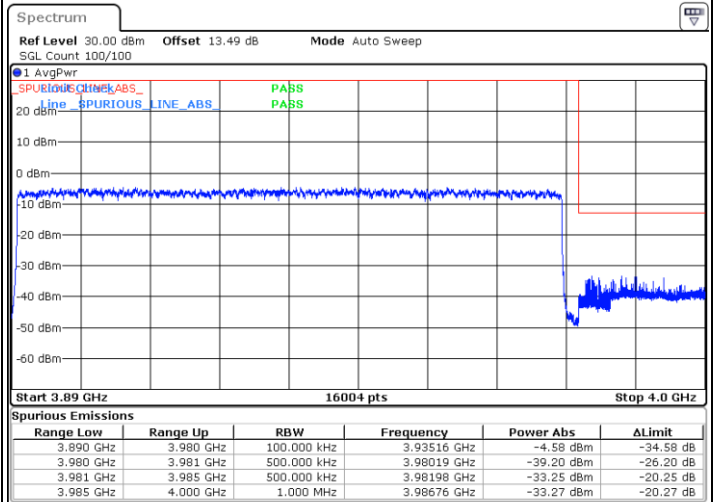
Date: 17.MAR.2022 19:47:30

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 17.MAR.2022 19:42:30



Date: 17.MAR.2022 19:58:05