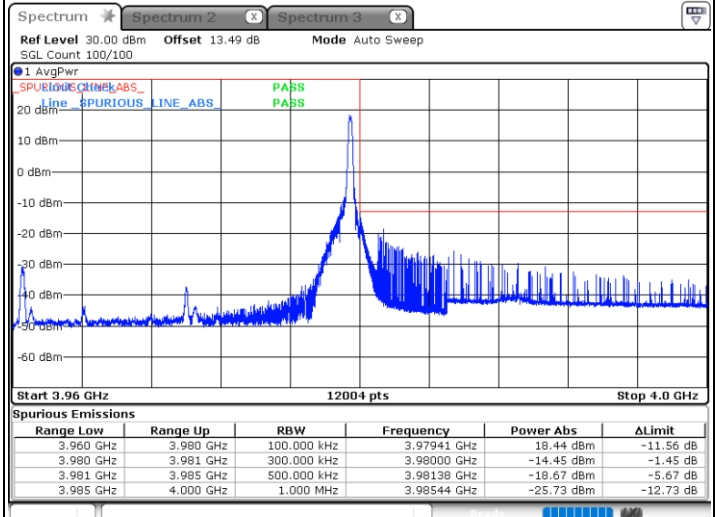
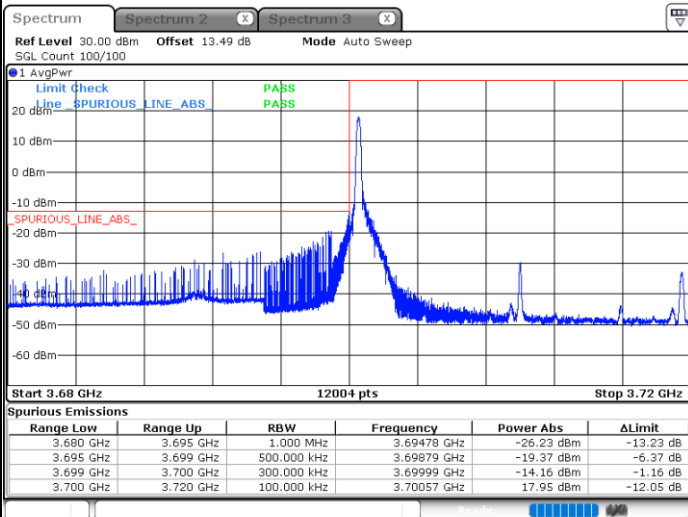




FR1 n77 / 20MHz / DFT-S OFDM / 256Q

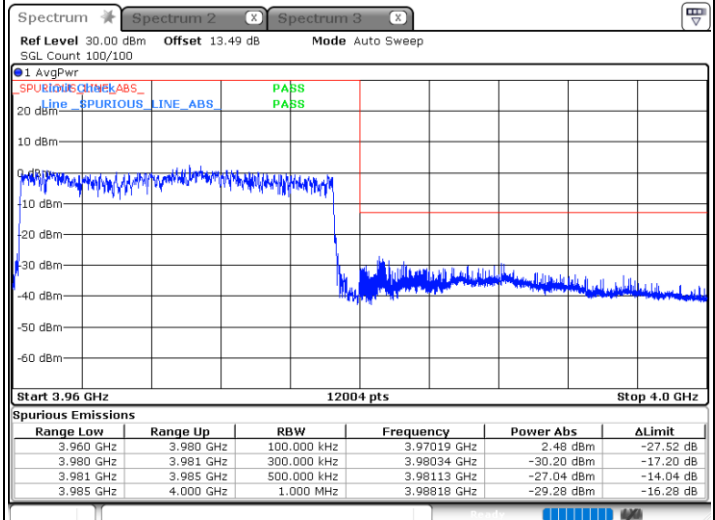
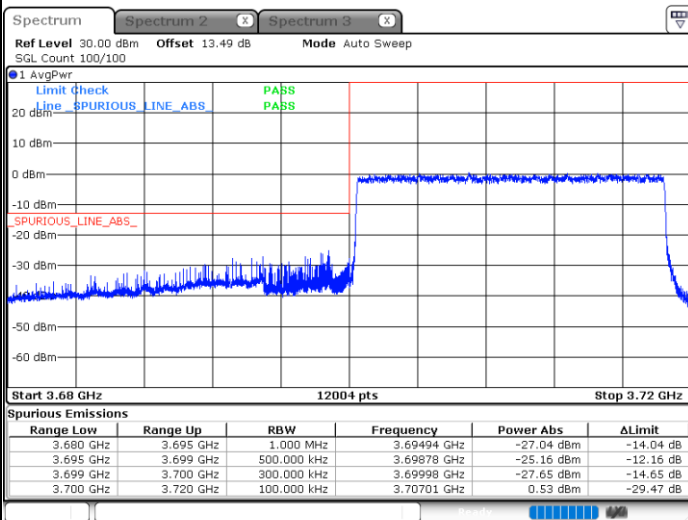
Lowest Band Edge / 1RB0

Highest Band Edge / 1RBmax



Lowest Band Edge / Full RB

Highest Band Edge / Full RB

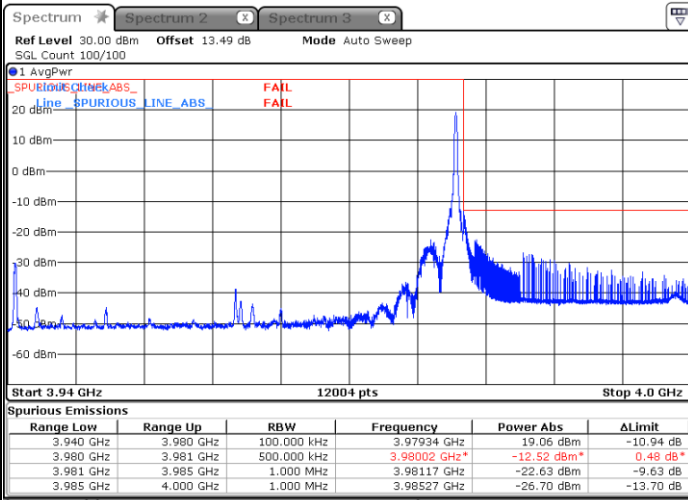




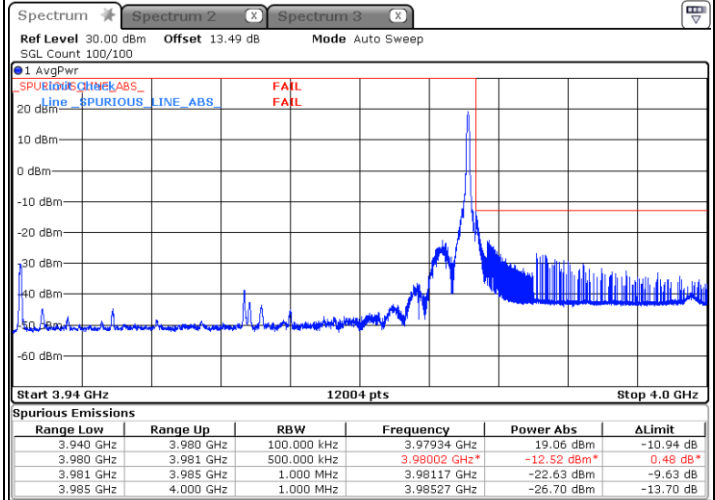
FR1 n77 / 40MHz / DFT-S OFDM / BPSK

Lowest Band Edge / 1RB0

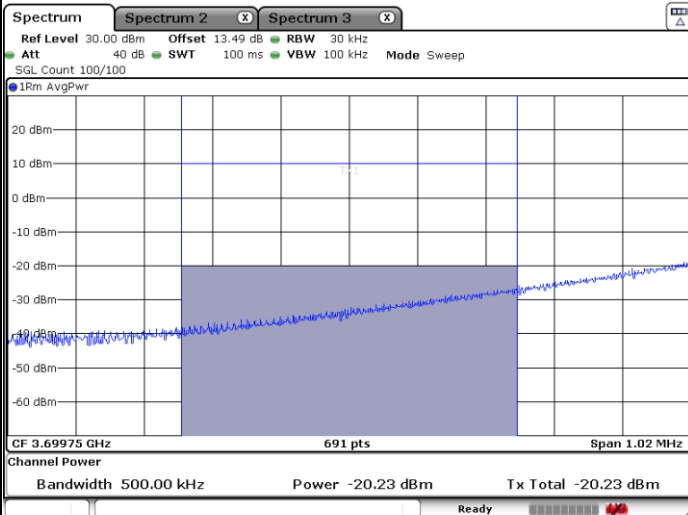
Highest Band Edge / 1RBmax



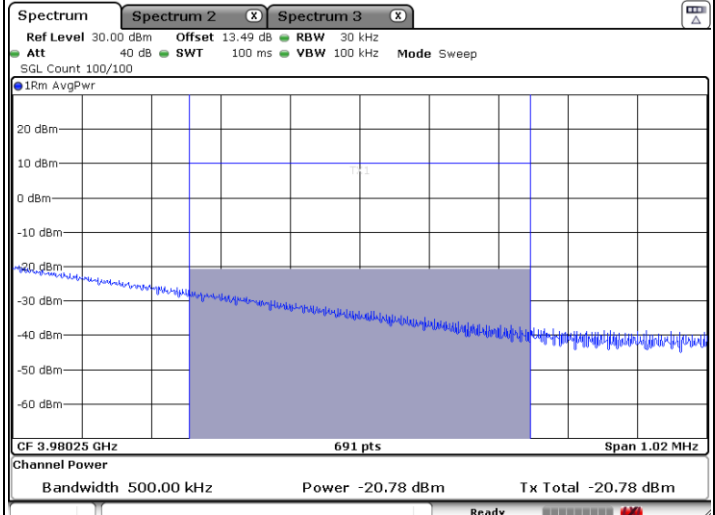
Date: 22.FEB.2022 12:48:13



Date: 22.FEB.2022 12:48:13



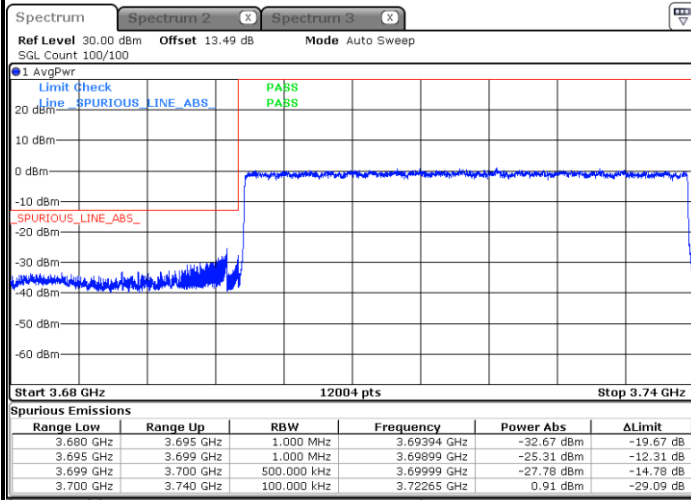
Date: 22.FEB.2022 13:54:56



Date: 22.FEB.2022 14:08:24

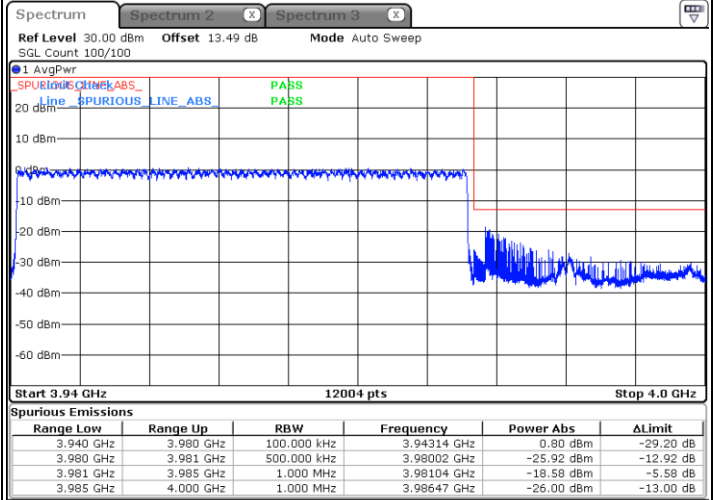


Lowest Band Edge / Full RB



Date: 22.FEB.2022 11:29:36

Highest Band Edge / Full RB



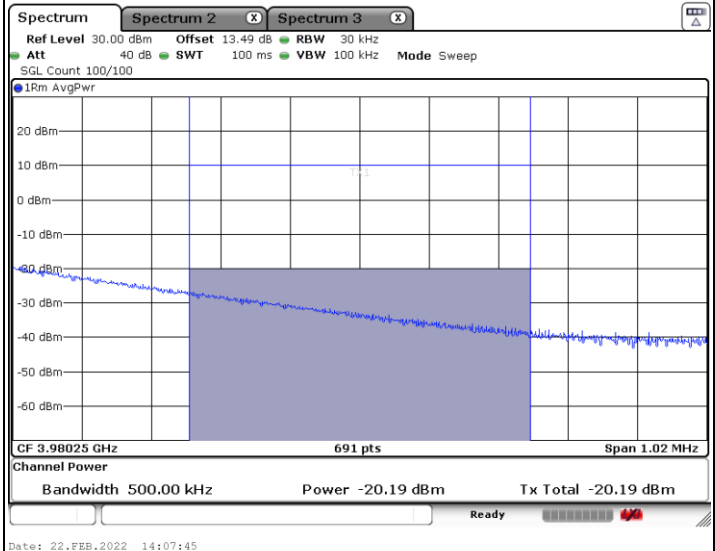
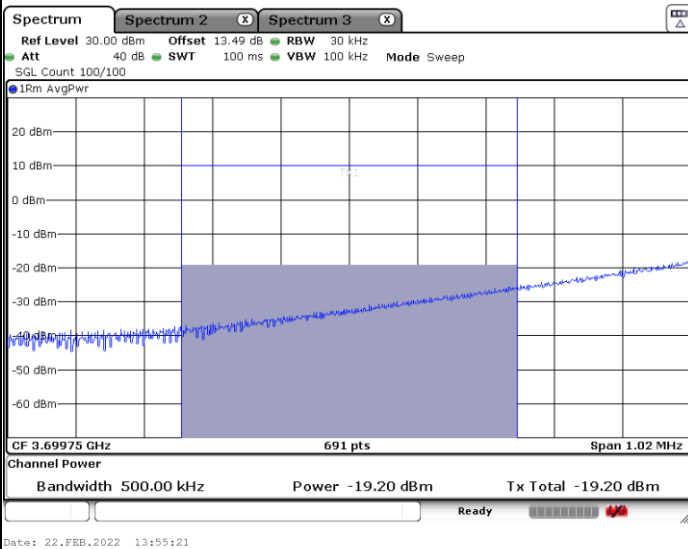
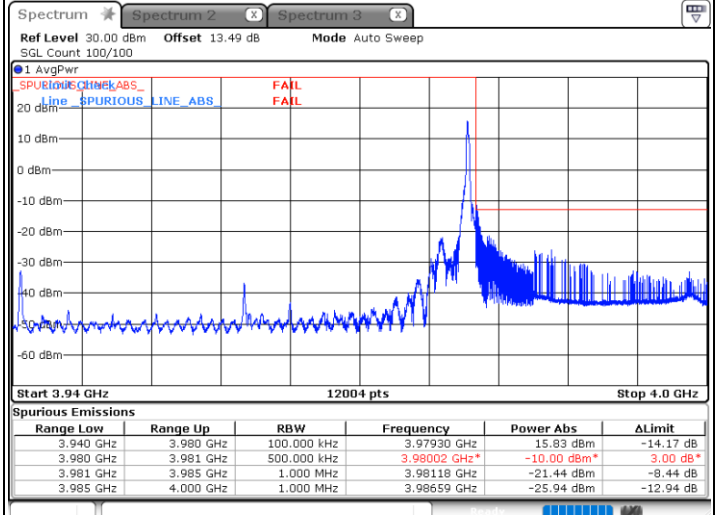
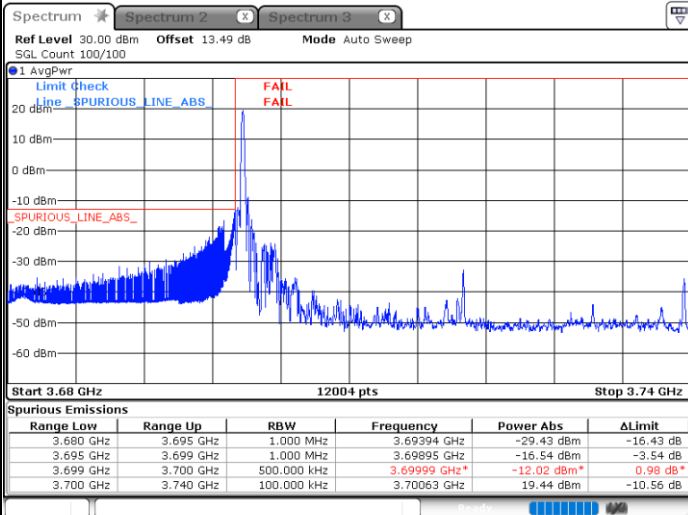
Date: 22.FEB.2022 11:41:26



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

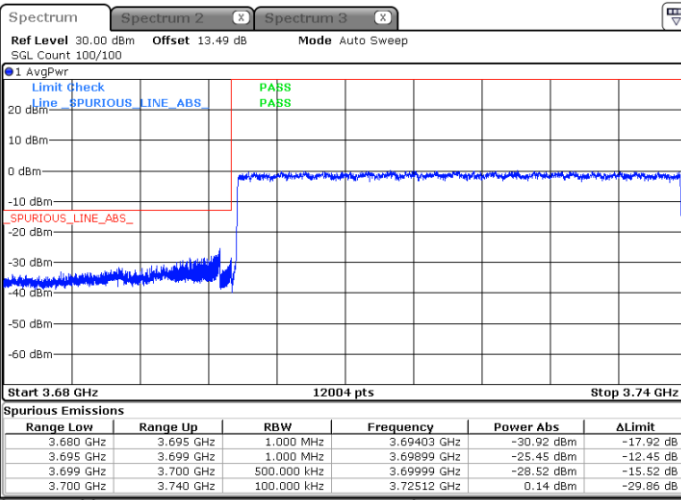
Lowest Band Edge / 1RB0

Highest Band Edge / 1RBmax



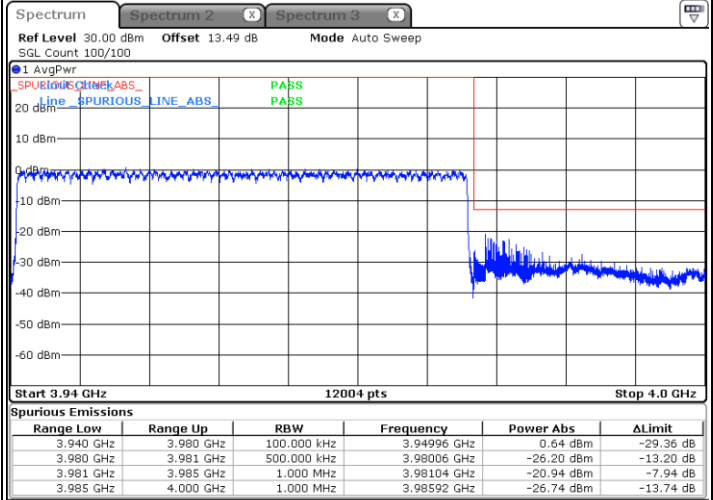


Lowest Band Edge / Full RB



Date: 22.FEB.2022 11:25:04

Highest Band Edge / Full RB



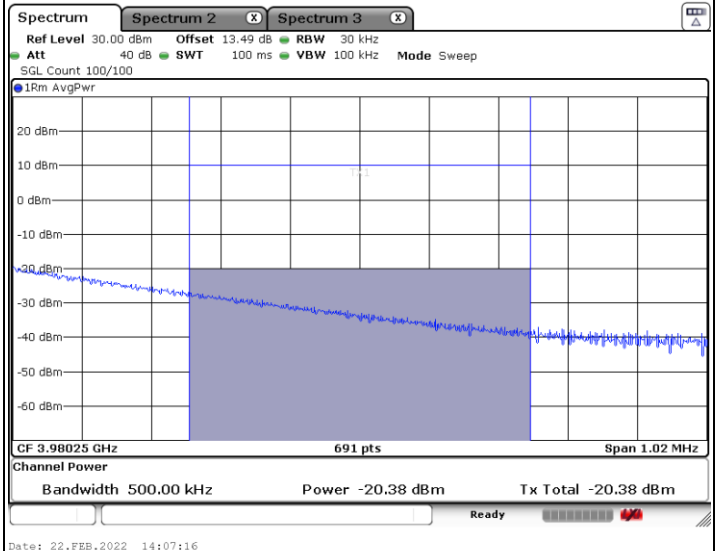
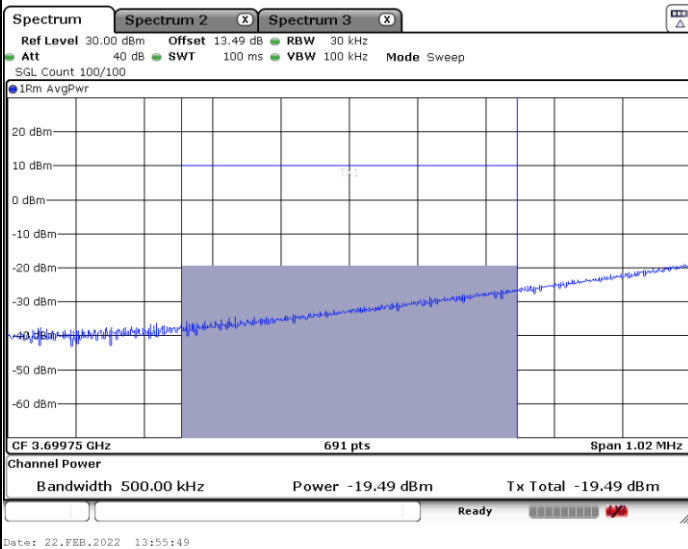
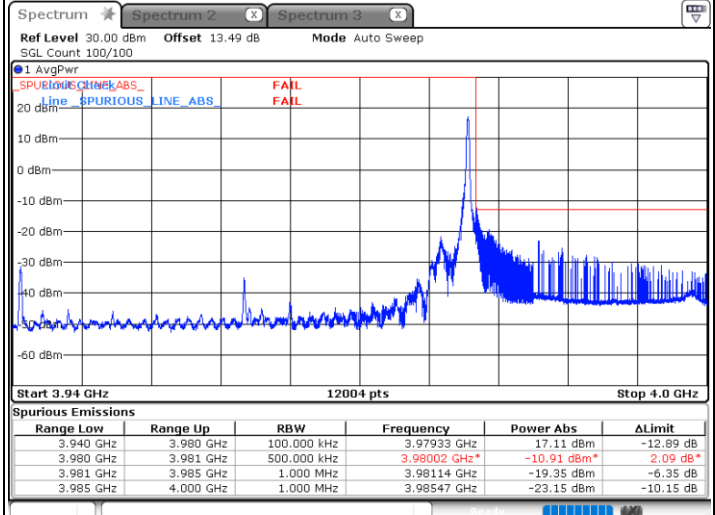
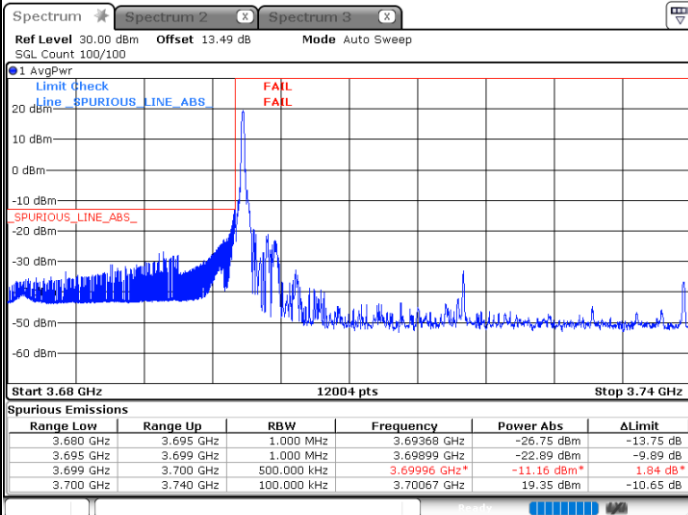
Date: 22.FEB.2022 11:43:13

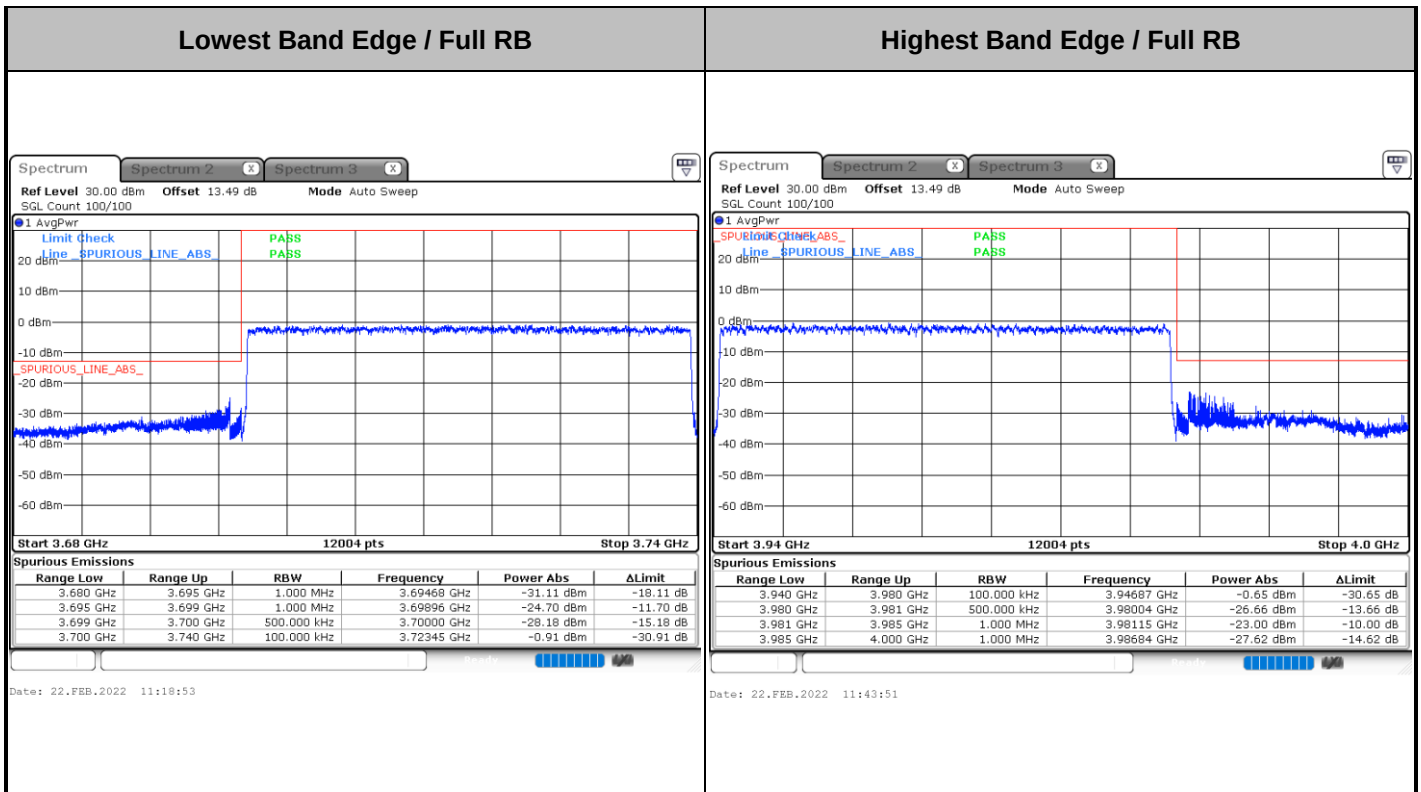


FR1 n77 / 40MHz / DFT-S OFDM / 16Q

Lowest Band Edge / 1RB0

Highest Band Edge / 1RBmax



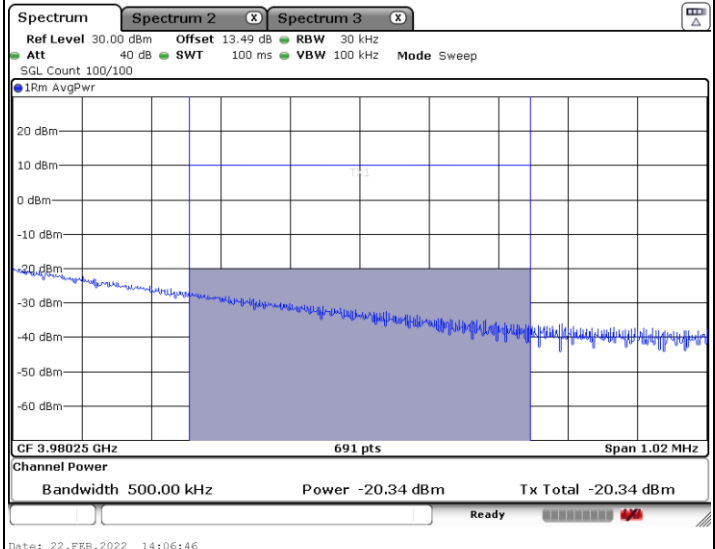
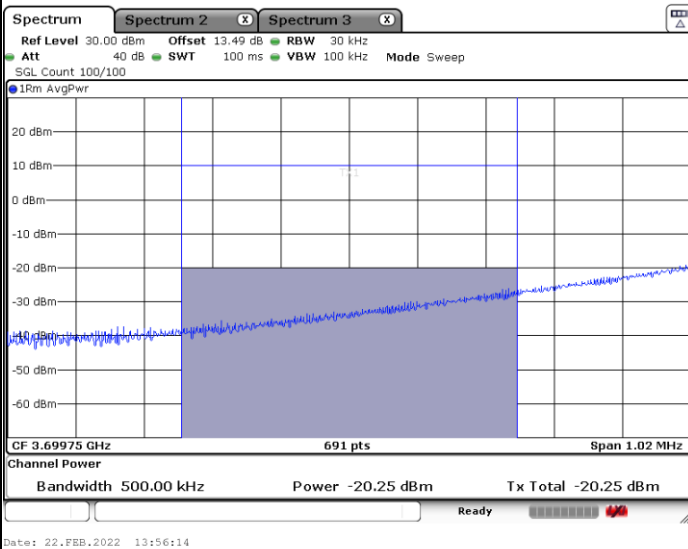
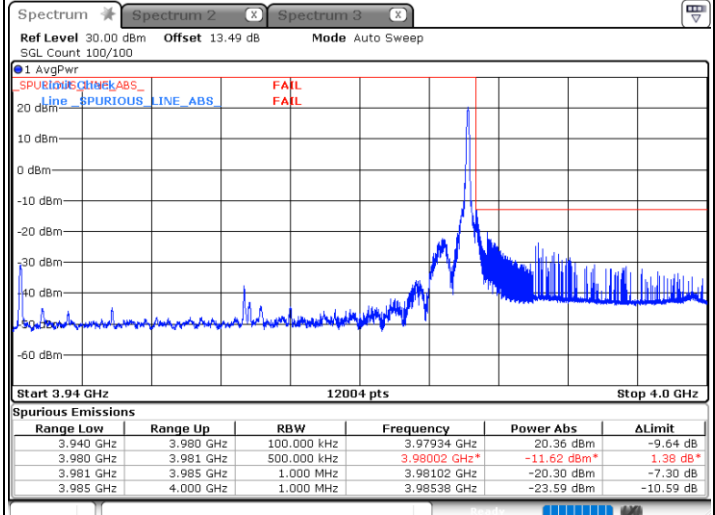
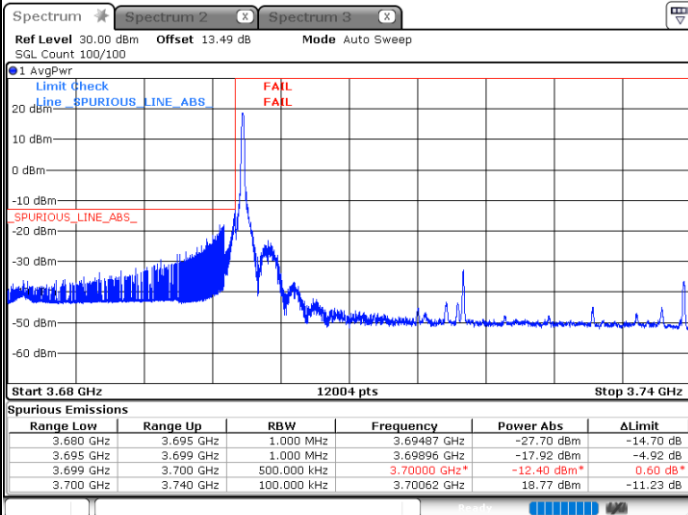




FR1 n77 / 40MHz / DFT-S OFDM / 64Q

Lowest Band Edge / 1RB0

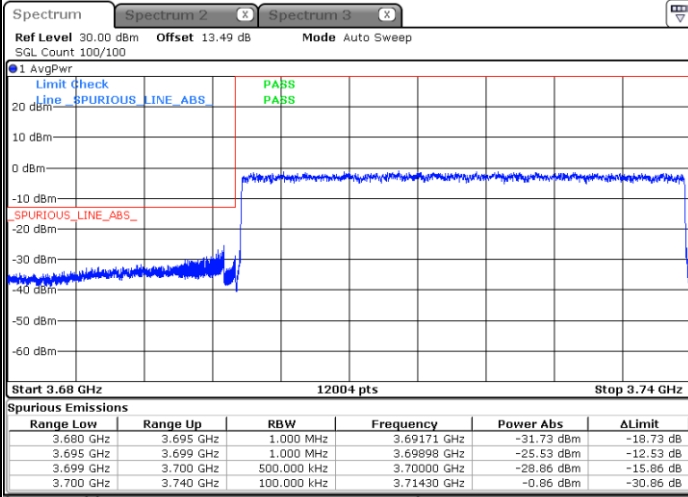
Highest Band Edge / 1RBmax



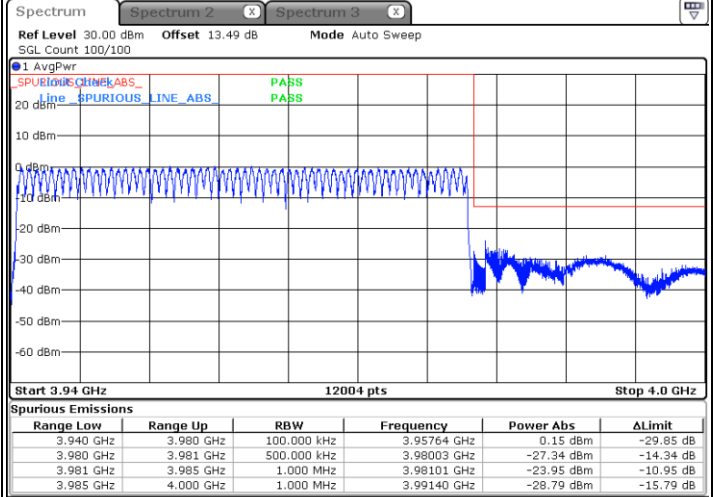


Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 22.FEB.2022 11:21:05



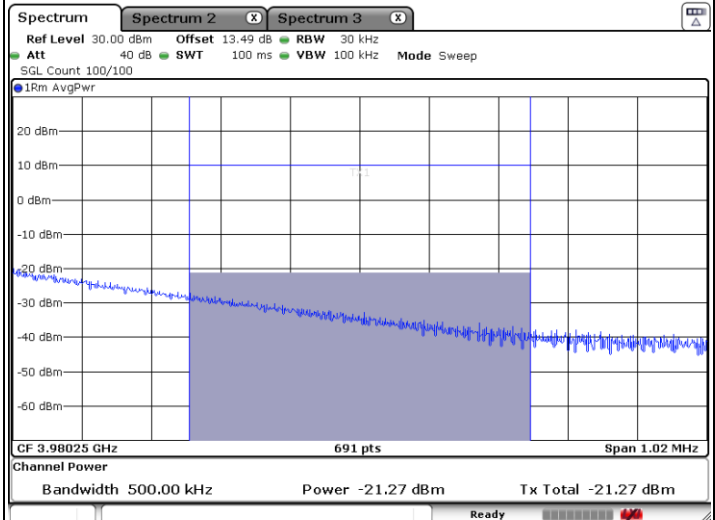
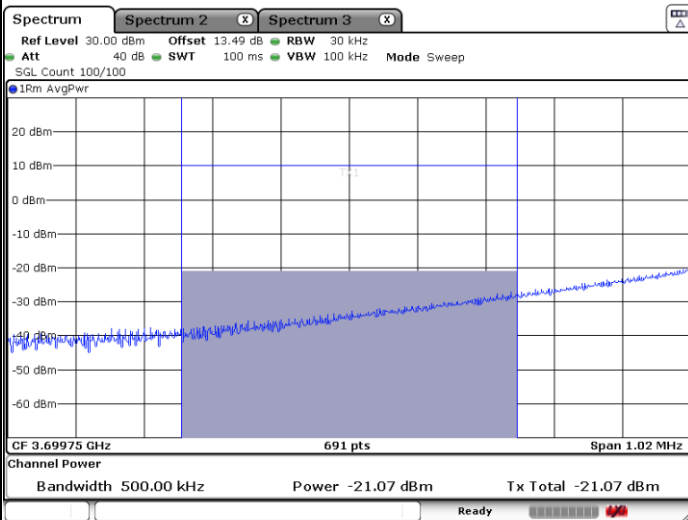
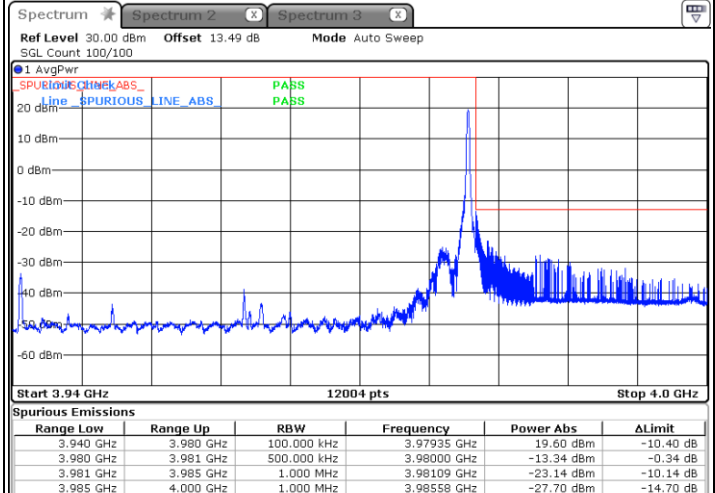
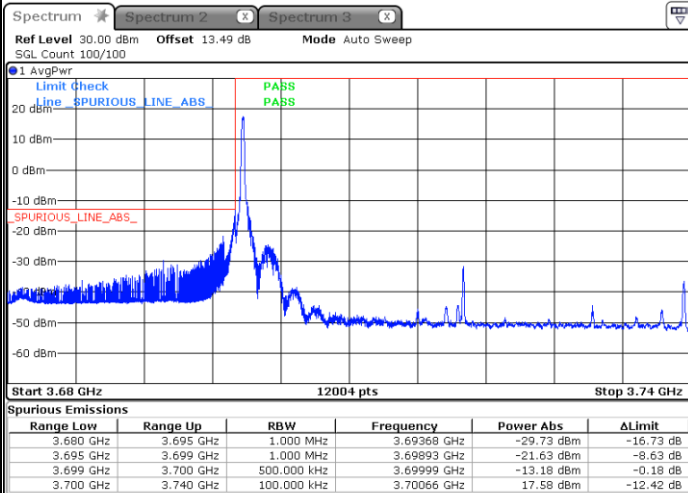
Date: 22.FEB.2022 11:48:18



FR1 n77 /40MHz / DFT-S OFDM / 256Q

Lowest Band Edge / 1RB0

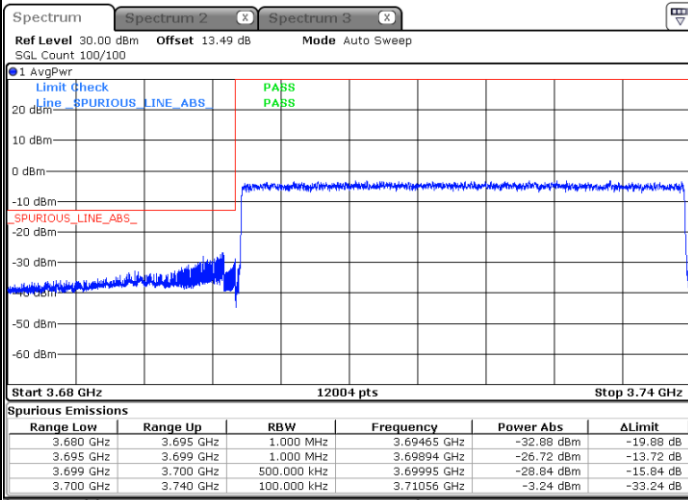
Highest Band Edge / 1RBmax



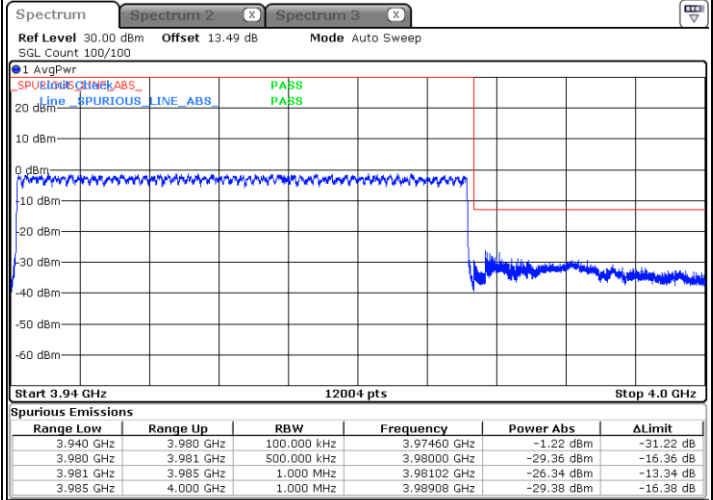


Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 22.FEB.2022 11:09:38



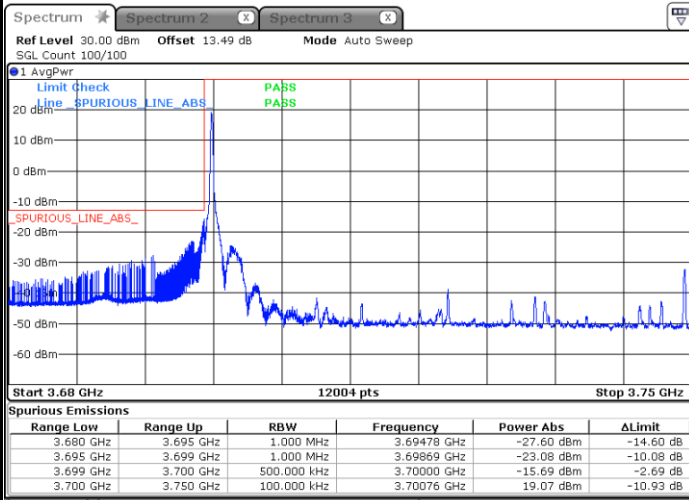
Date: 22.FEB.2022 12:37:00



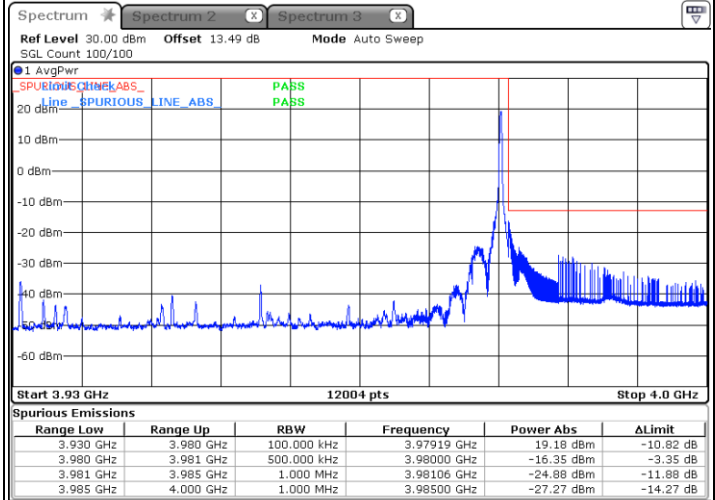
FR1 n77 / 50MHz / DFT-S OFDM / BPSK

Lowest Band Edge / 1RB0

Highest Band Edge / 1RBmax



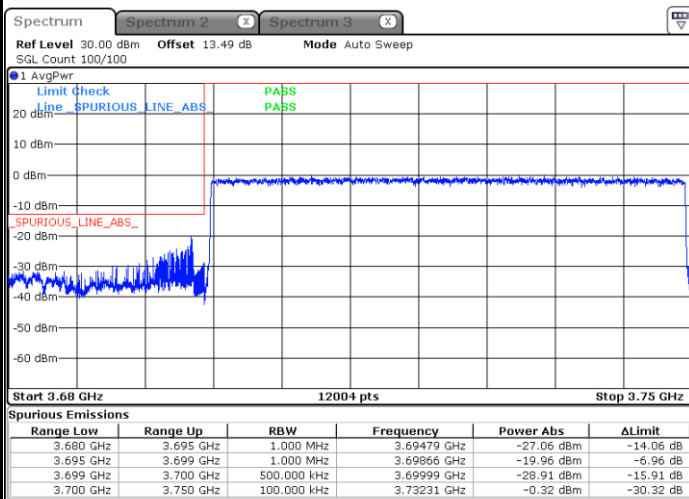
Date: 22.FEB.2022 12:59:42



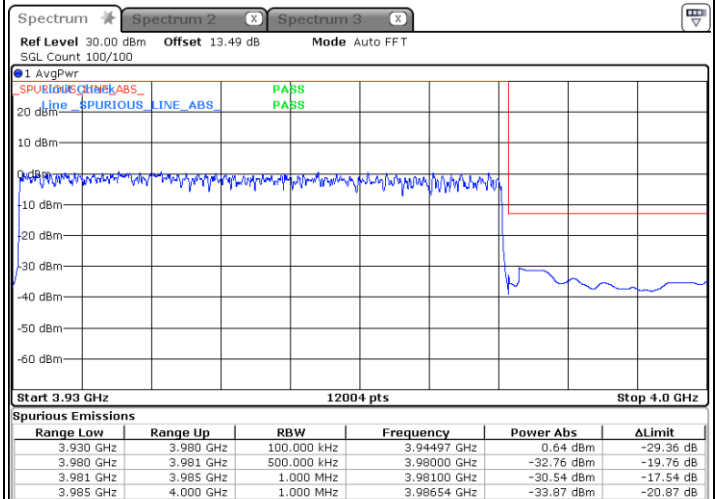
Date: 22.FEB.2022 13:25:05

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 22.FEB.2022 13:09:17



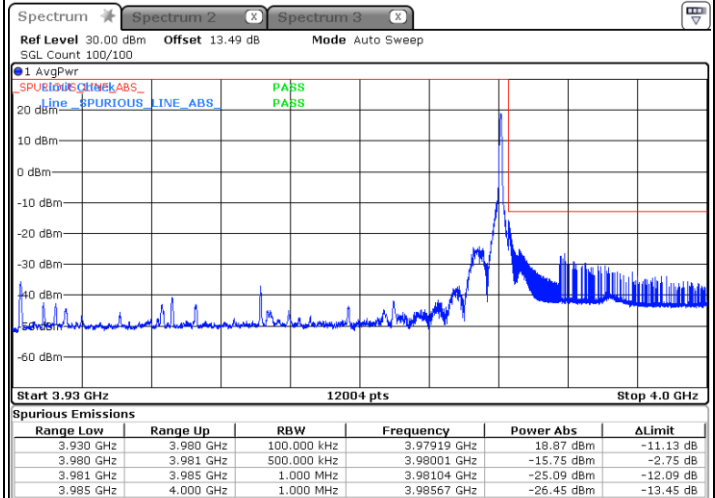
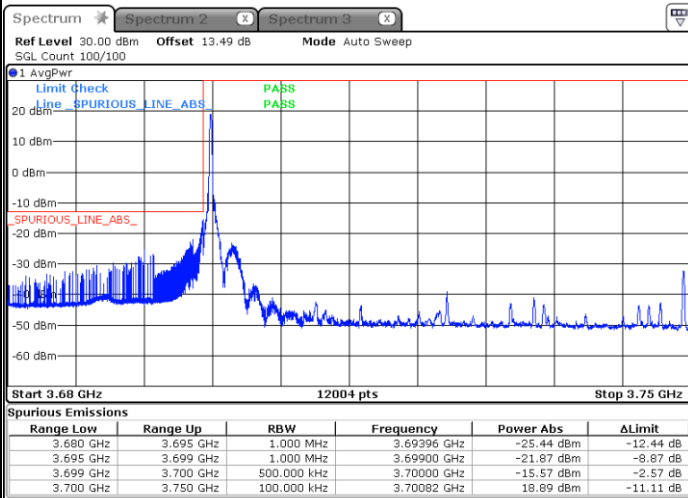
Date: 22.FEB.2022 13:12:04



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

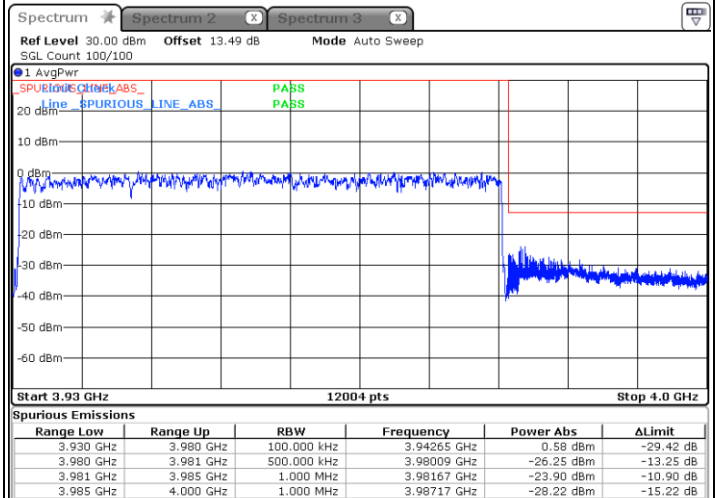
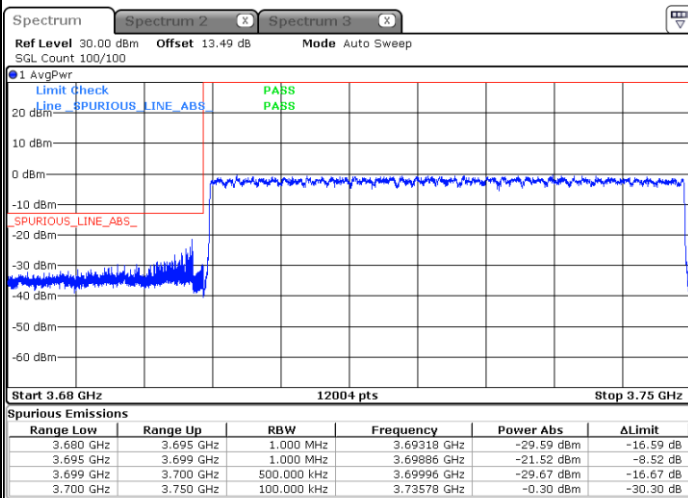
Lowest Band Edge / 1RB0

Highest Band Edge / 1RBmax



Lowest Band Edge / Full RB

Highest Band Edge / Full RB

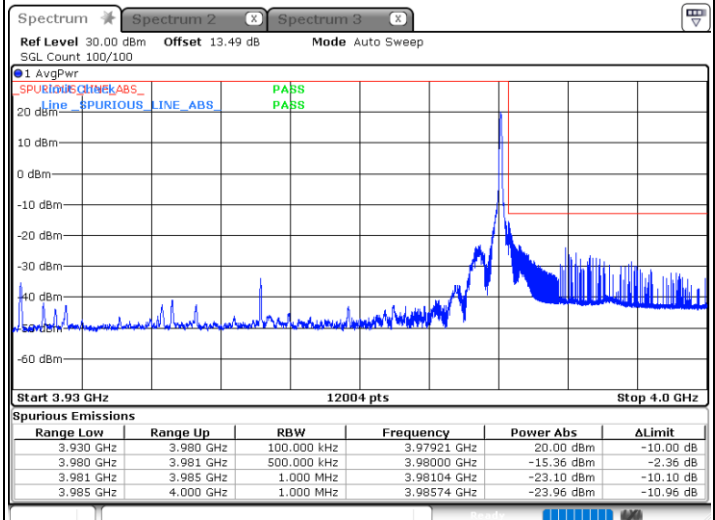
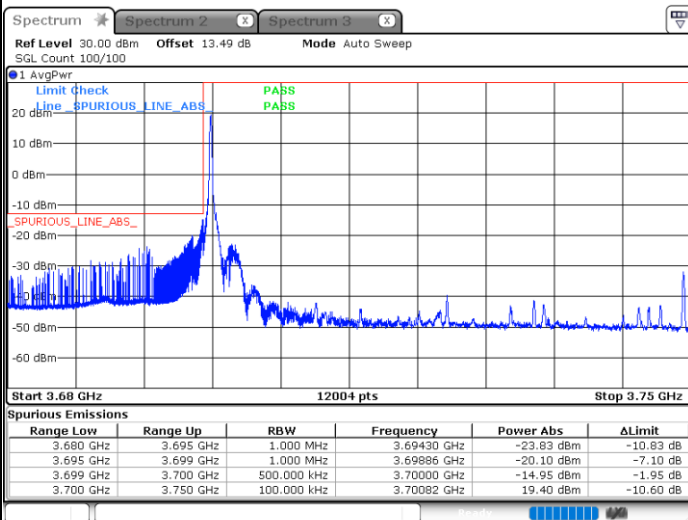




FR1 n77 / 50MHz / DFT-S OFDM / 16Q

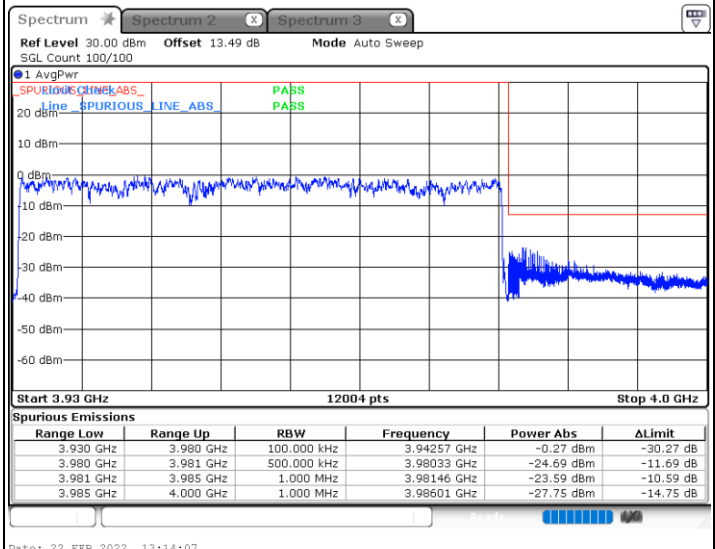
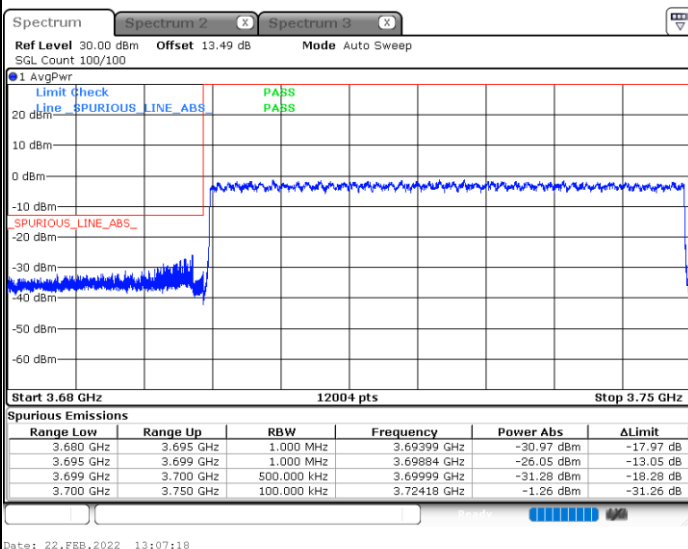
Lowest Band Edge / 1RB0

Highest Band Edge / 1RBmax



Lowest Band Edge / Full RB

Highest Band Edge / Full RB

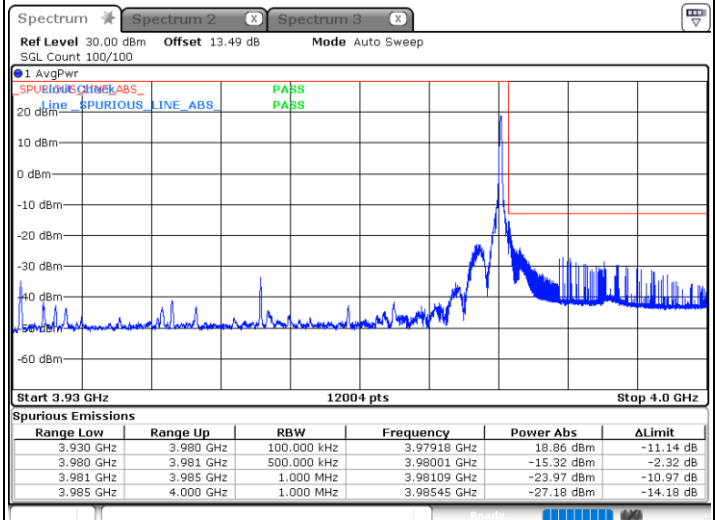
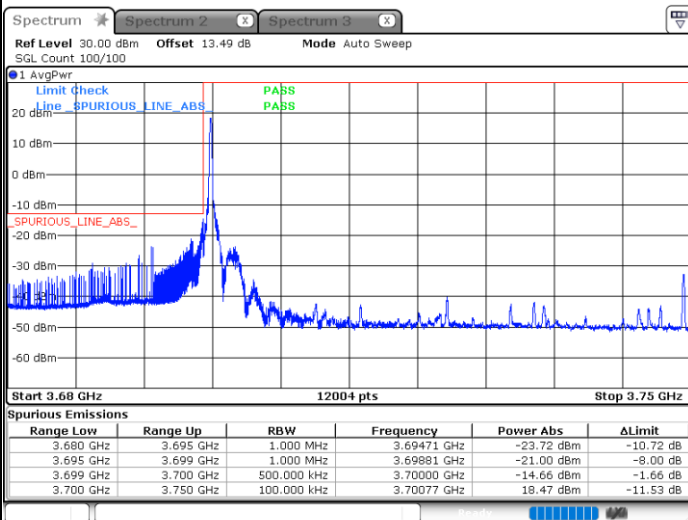




FR1 n77 / 50MHz / DFT-S OFDM / 64Q

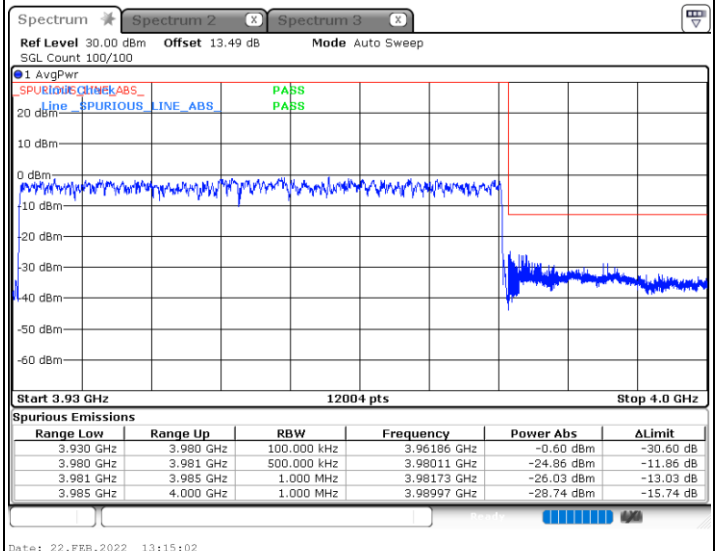
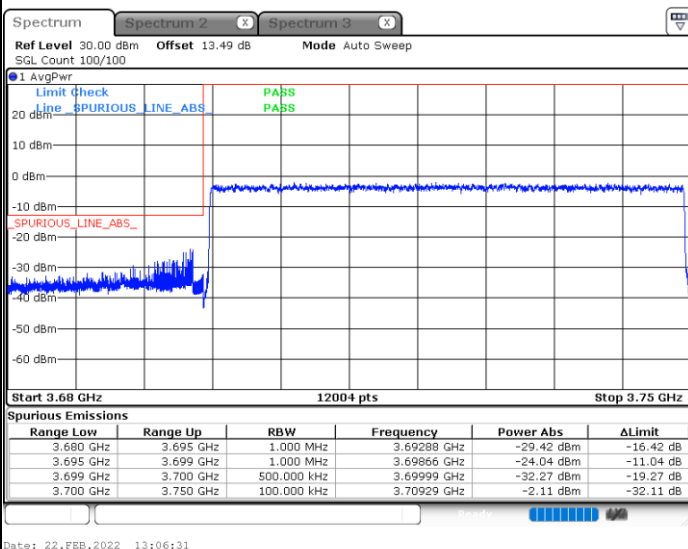
Lowest Band Edge / 1RB0

Highest Band Edge / 1RBmax



Lowest Band Edge / Full RB

Highest Band Edge / Full RB

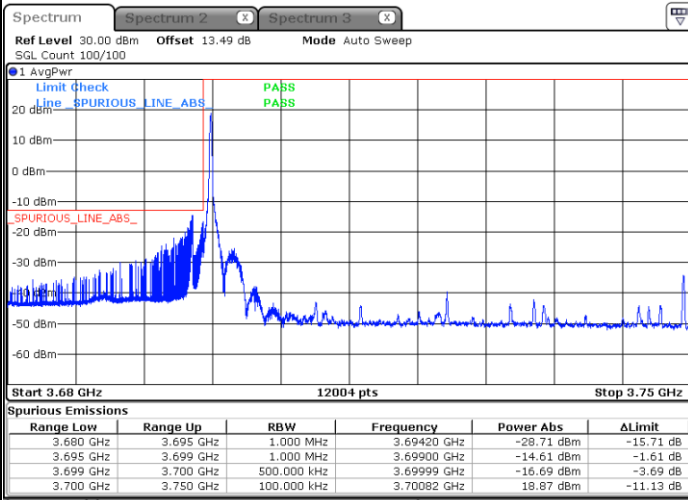




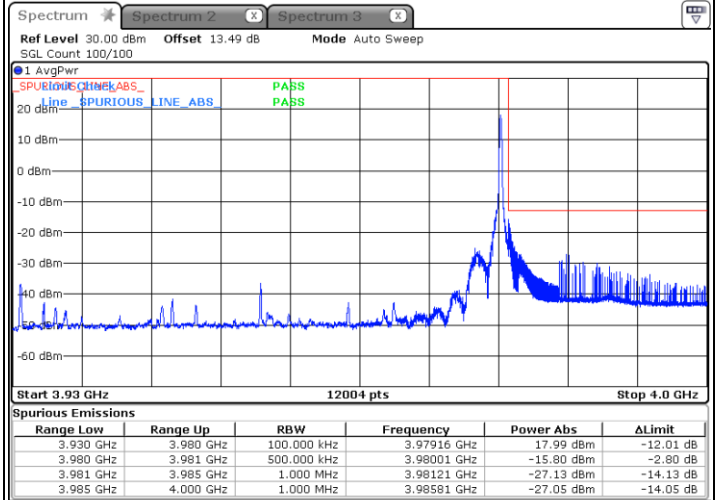
FR1 n77 /50MHz / DFT-S OFDM / 256Q

Lowest Band Edge / 1RB0

Highest Band Edge / 1RBmax



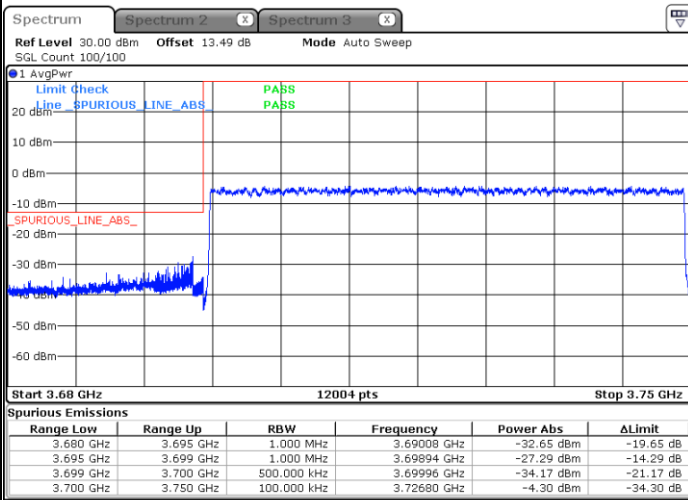
Date: 22.FEB.2022 13:04:48



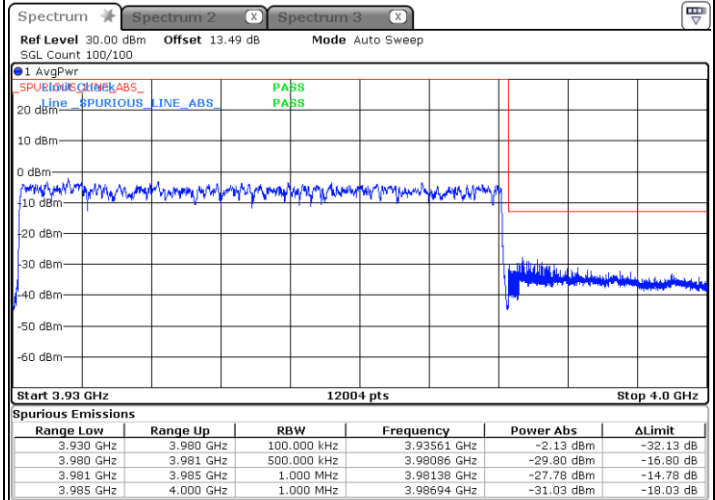
Date: 22.FEB.2022 13:17:19

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 22.FEB.2022 13:05:42



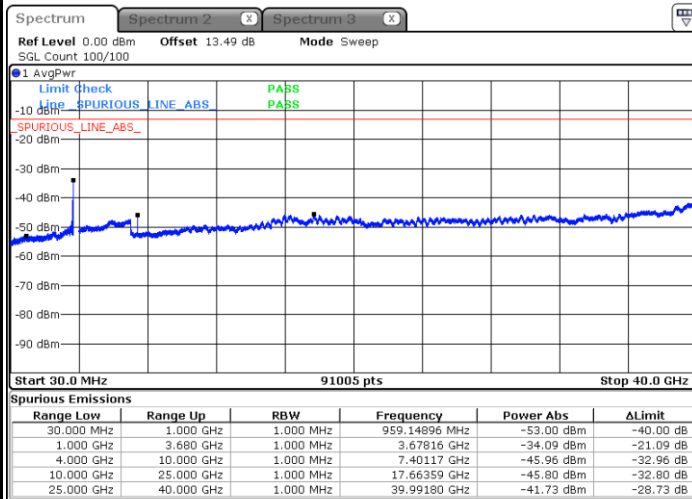
Date: 22.FEB.2022 13:15:41



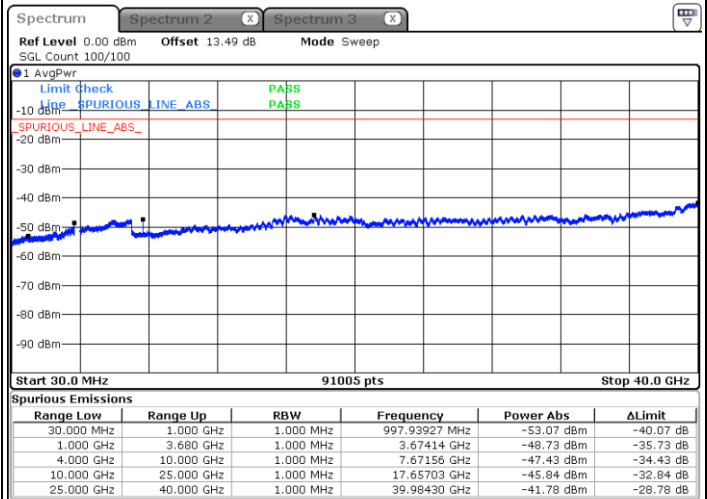
Conducted Spurious Emission

FR1 n77 / 10MHz / DFT-S OFDM / QPSK

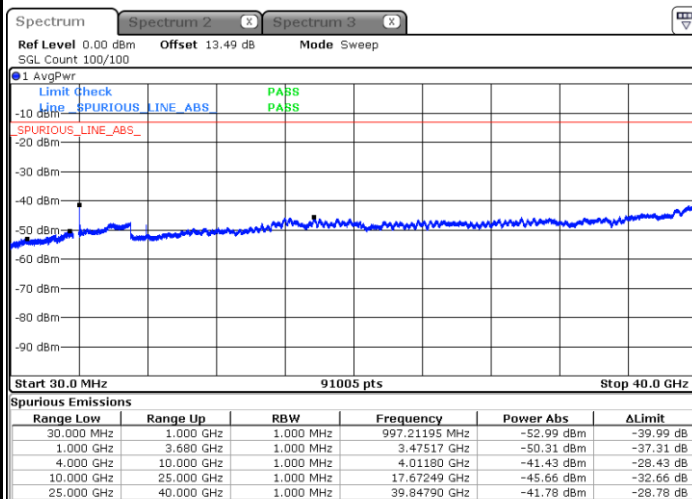
Lowest Channel / 1RB1



Middle Channel / 1RB1



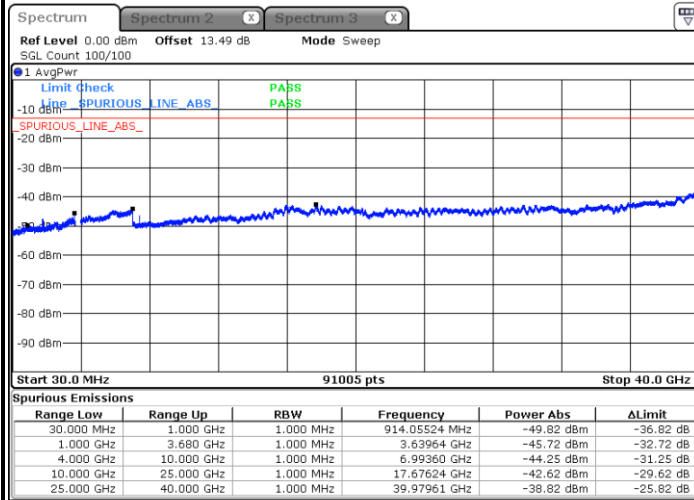
Highest Channel / 1RB1





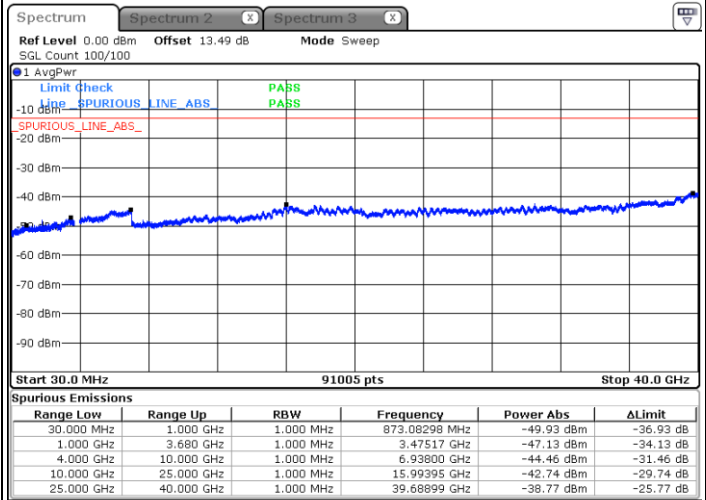
FR1 n77 / 15MHz / DFT-S OFDM / QPSK

Lowest Channel / 1RB1



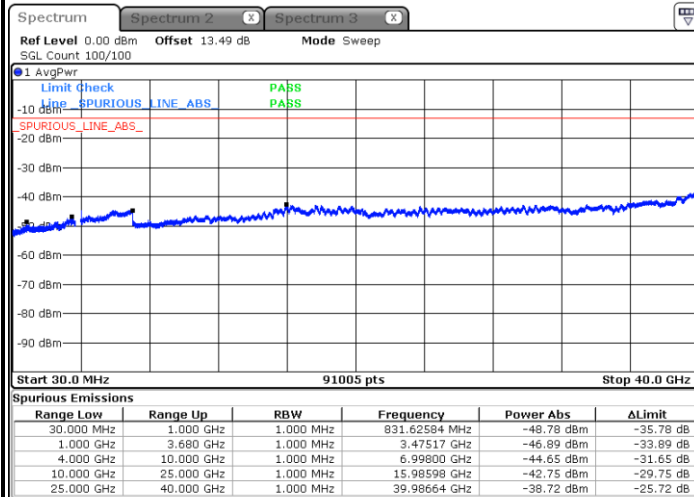
Date: 22.FEB.2022 09:24:09

Middle Channel / 1RB1



Date: 22.FEB.2022 09:21:39

Highest Channel / 1RB1

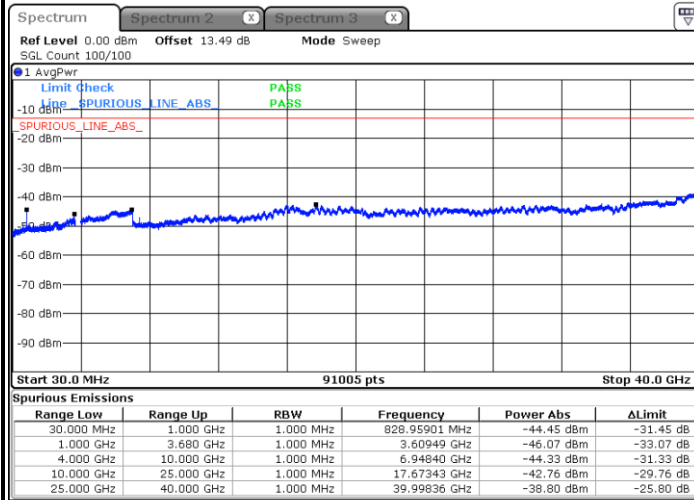


Date: 22.FEB.2022 09:26:21



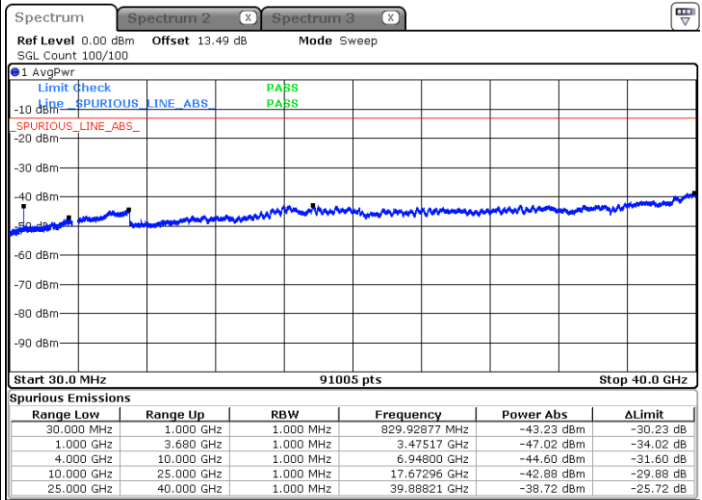
FR1 n77 / 20MHz / DFT-S OFDM / QPSK

Lowest Channel / 1RB1



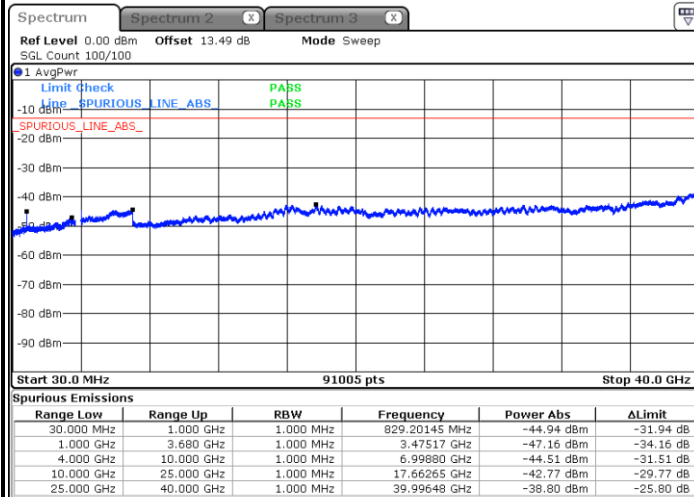
Date: 22.FEB.2022 10:43:11

Middle Channel / 1RB1



Date: 22.FEB.2022 10:41:22

Highest Channel / 1RB1

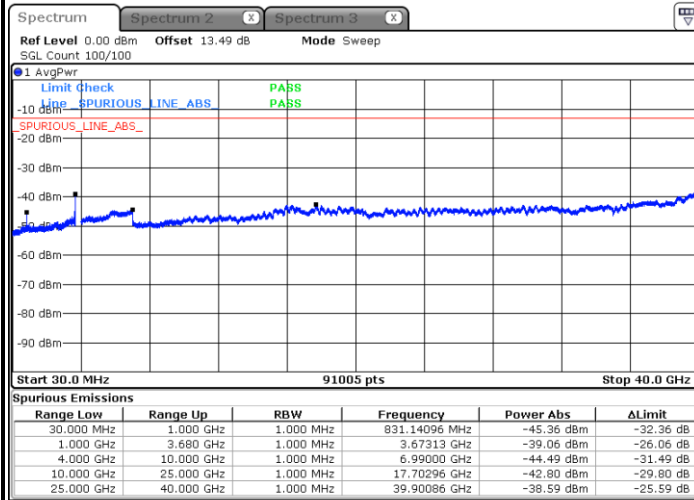


Date: 22.FEB.2022 10:39:58



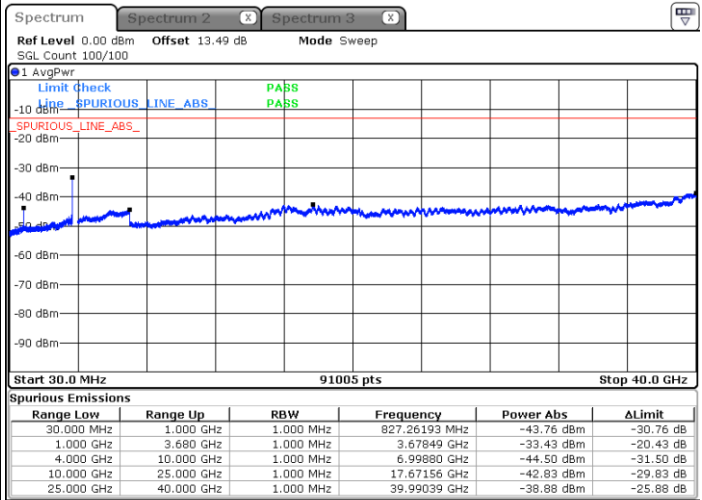
FR1 n77 / 40MHz / DFT-S OFDM / QPSK

Lowest Channel / 1RB1



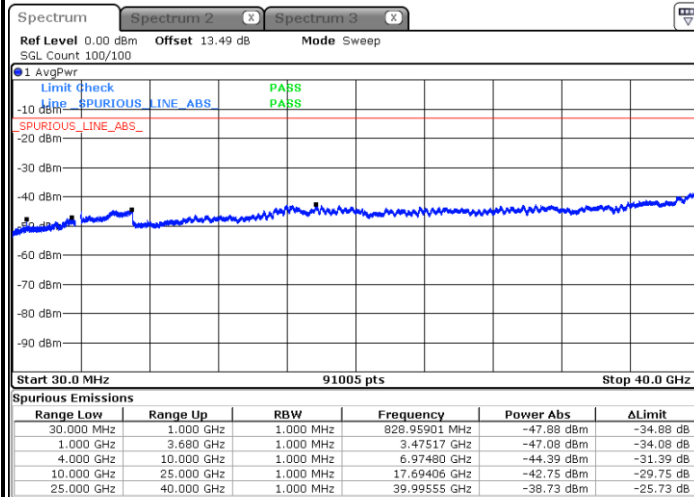
Date: 22.FEB.2022 10:46:37

Middle Channel / 1RB1



Date: 22.FEB.2022 10:45:17

Highest Channel / 1RB1

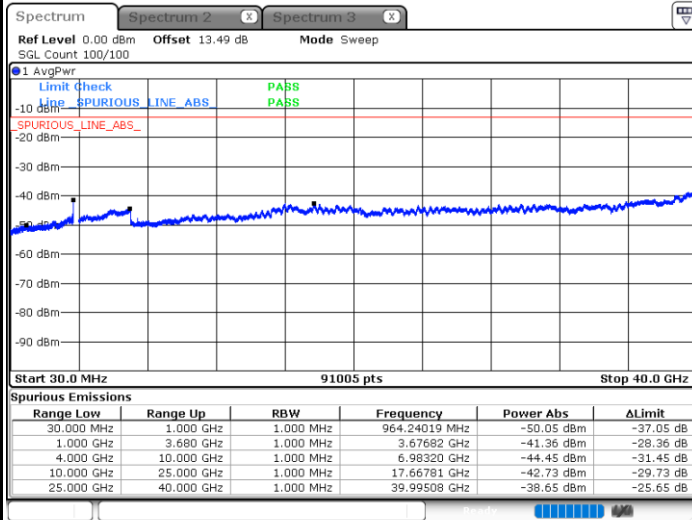


Date: 22.FEB.2022 10:48:06



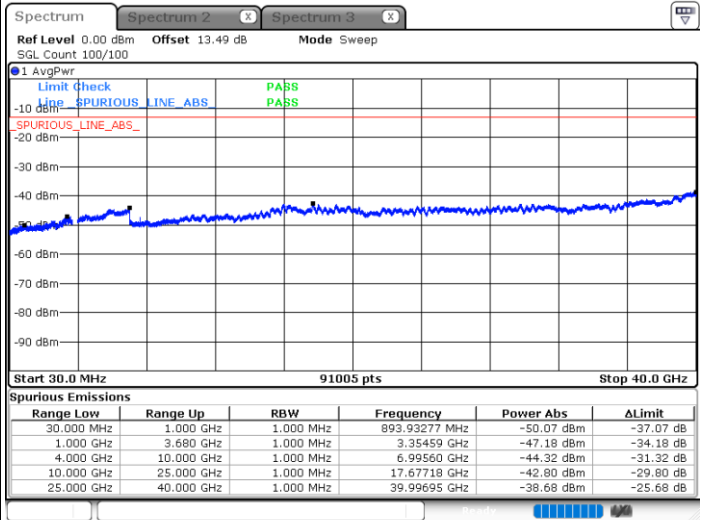
FR1 n77 / 50MHz / DFT-S OFDM / QPSK

Lowest Channel / 1RB1



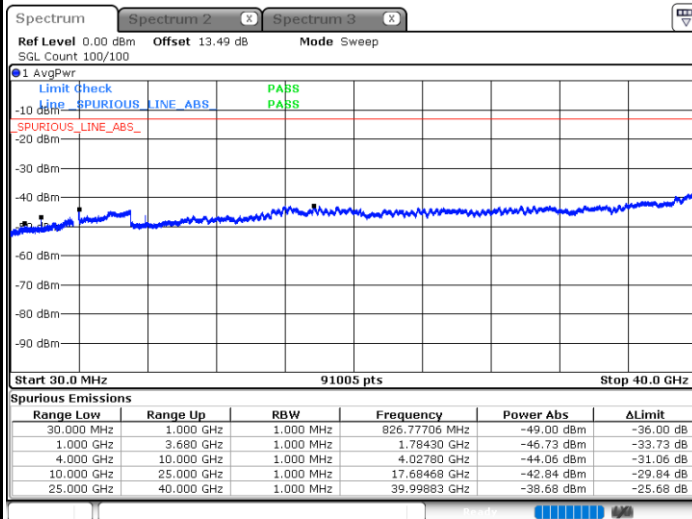
Date: 22.FEB.2022 12:55:27

Middle Channel / 1RB1



Date: 22.FEB.2022 12:51:59

Highest Channel / 1RB1



Date: 22.FEB.2022 12:56:48

Frequency Stability

Test Conditions		FR1 n77 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 50MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0025	PASS
40	Normal Voltage	0.0012	
30	Normal Voltage	0.0001	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0017	
0	Normal Voltage	0.0032	
-10	Normal Voltage	0.0073	
-20	Normal Voltage	0.0002	
-30	Normal Voltage	0.0001	
20	Maximum Voltage	0.0013	
20	Normal Voltage	0.0011	
20	Battery End Point	0.0035	

Note:

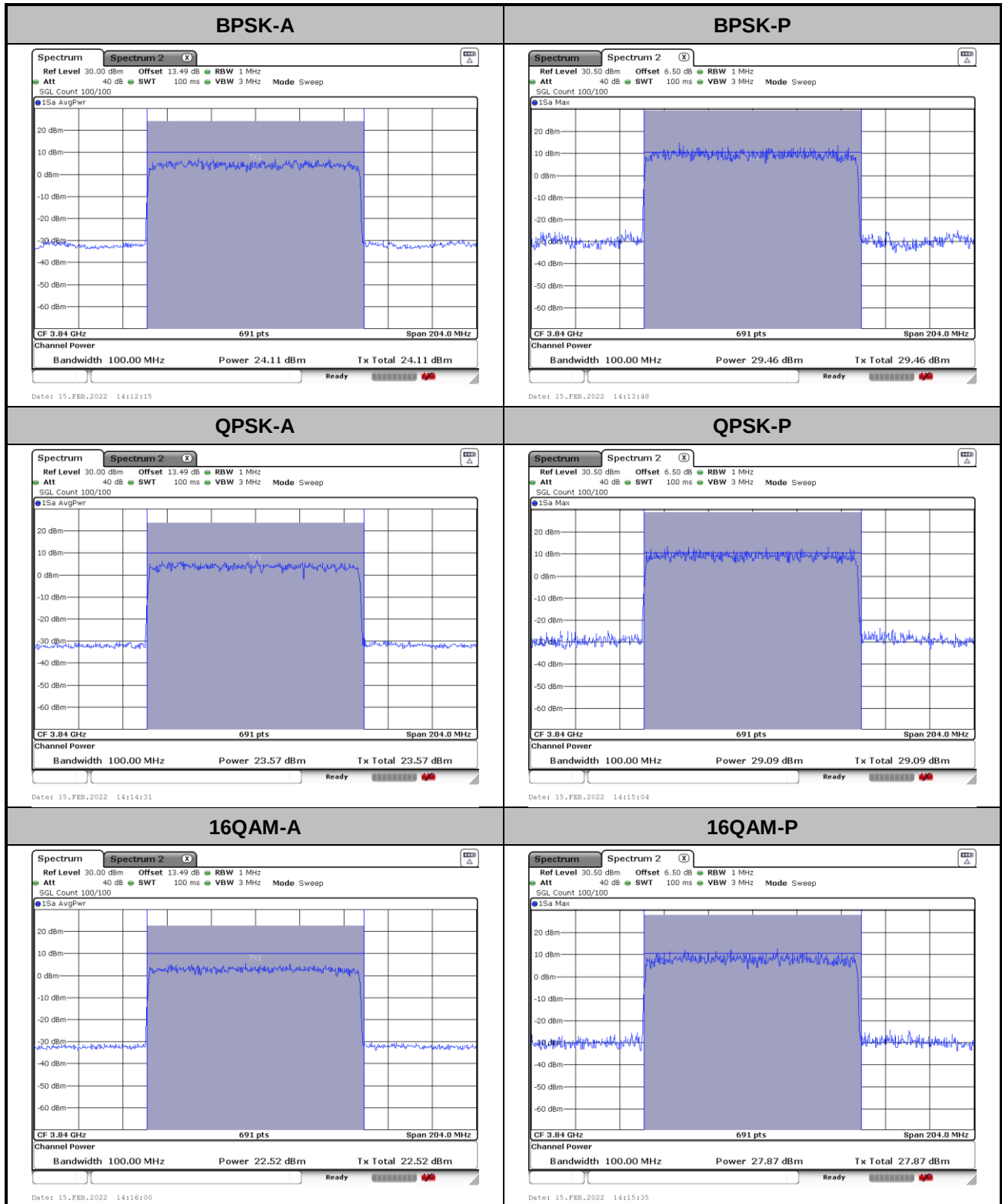
1. Normal Voltage =3.87 V. ; Battery End Point (BEP) =3.6 V. ; Maximum Voltage =4.45V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



FR1 n77 (SCS 30kHz)

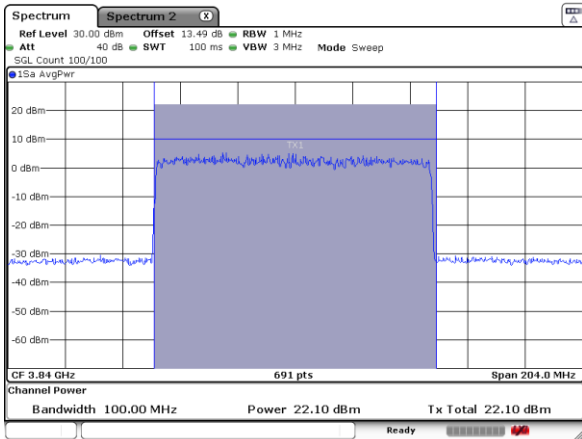
Peak-to-Average Ratio

Mode	FR1 n77 / 100MHz / DFT-S OFDM				
Mod.	100M				Limit: 13dB
RB Size	BPSK	QPSK	16QAM	64QAM	Result
Middle CH	5.35	5.52	5.35	5.36	PASS
RB Size	256QAM				
Middle CH	5.23				



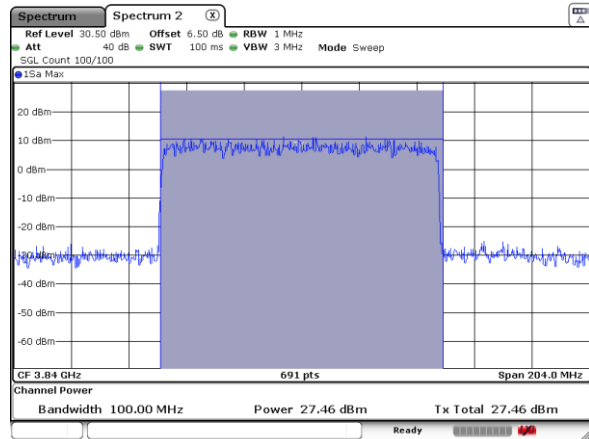


64QAM-A



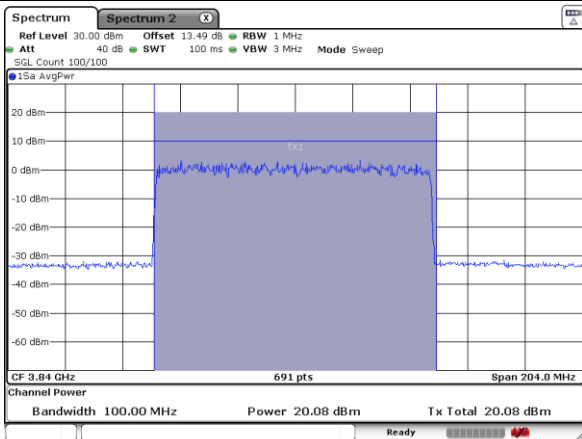
Date: 15.FEB.2022 14:16:30

64QAM-P



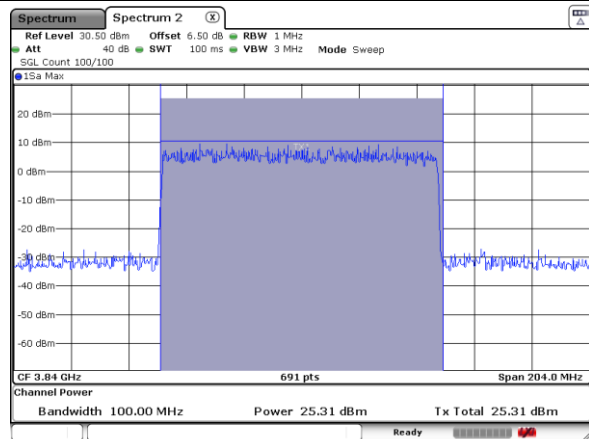
Date: 15.FEB.2022 14:16:53

256QAM-A



Date: 15.FEB.2022 14:17:49

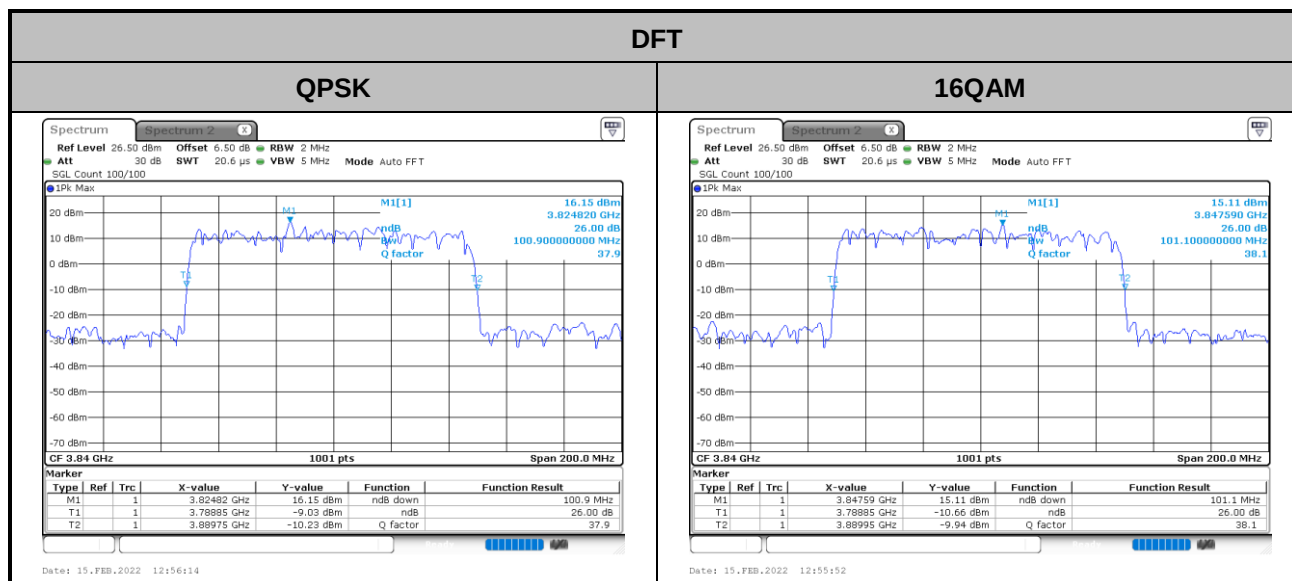
256QAM-P



Date: 15.FEB.2022 14:17:25

**26dB Bandwidth**

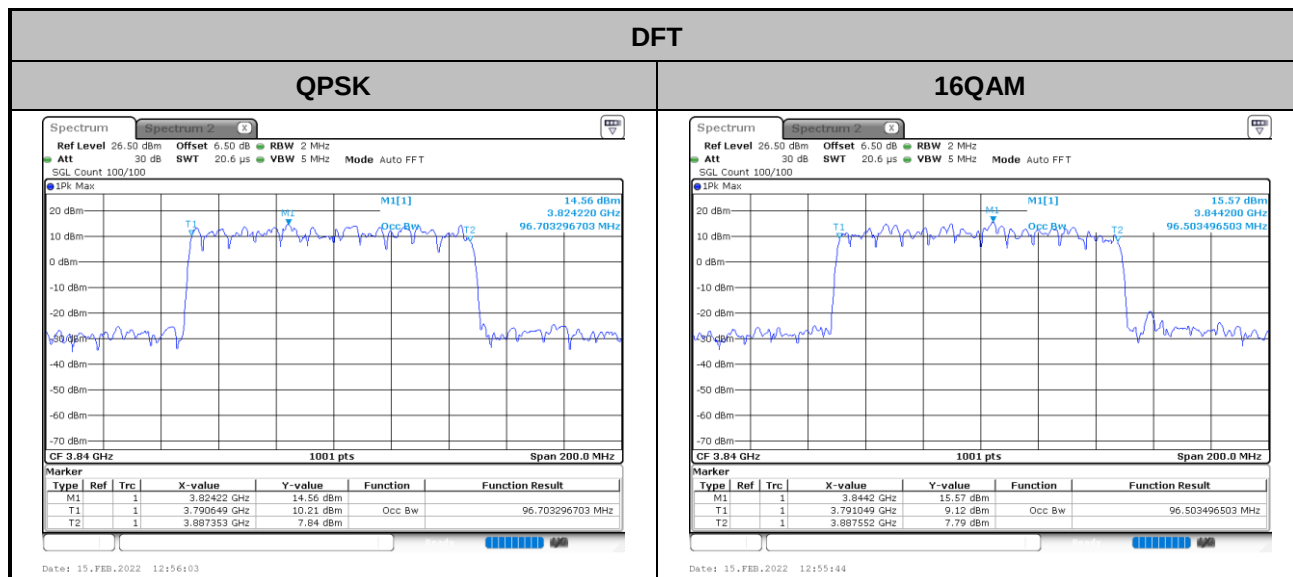
Mode	FR1 n77 : 100MHz / DFT-S OFDM	
BW	DFT	
Mod.	QPSK	16QAM
Middle CH	100.9	101.1





Occupied Bandwidth

Mode	FR1 n77: 100MHz / DFT-S OFDM	
BW	DFT	
Mod.	QPSK	16QAM
Middle CH	96.70	96.50

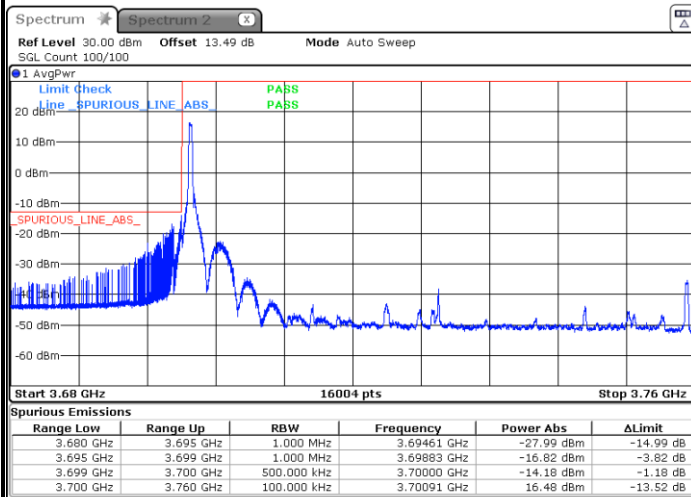




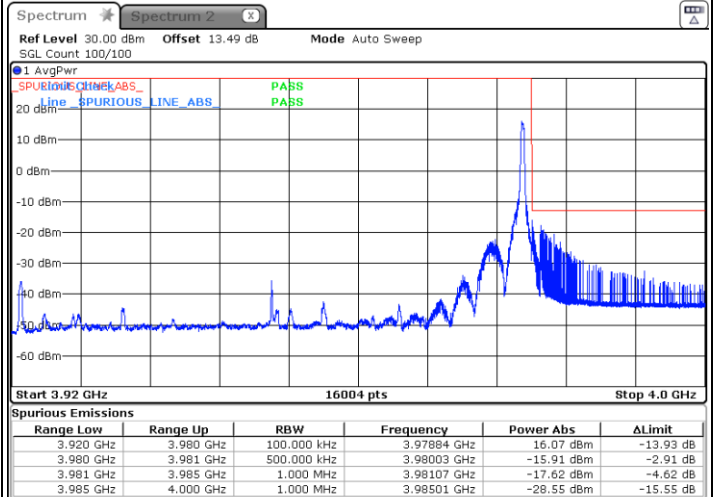
Conducted Band Edge

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

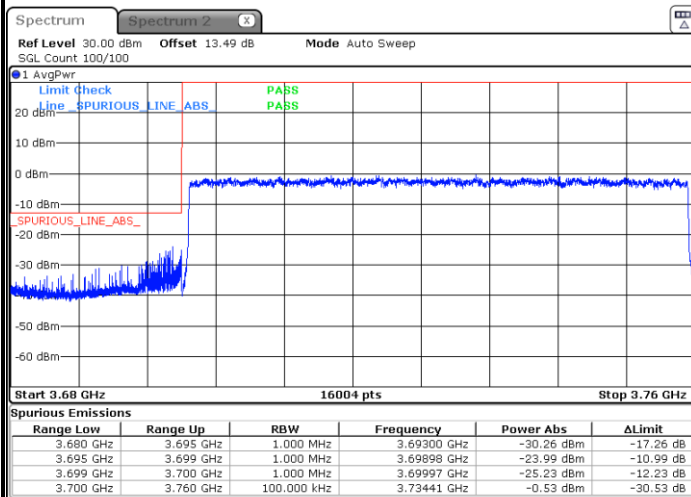
Lowest Band Edge / 1RB0



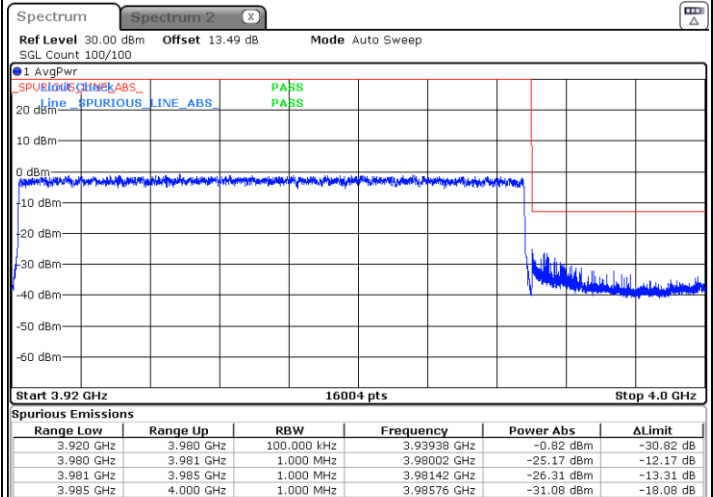
Highest Band Edge / 1RBmax



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

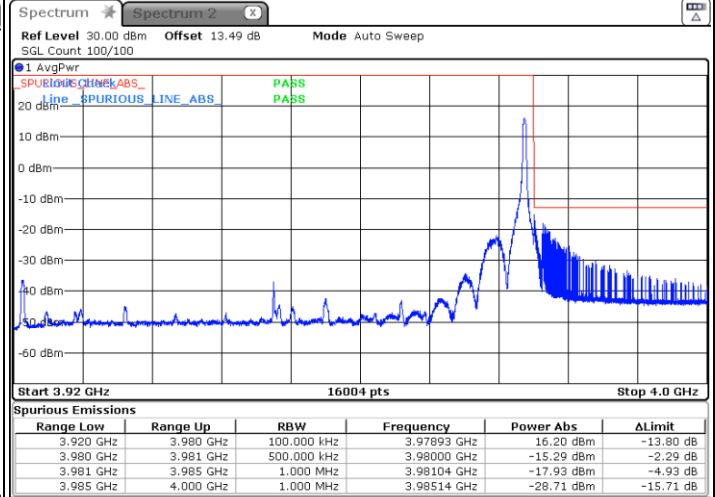
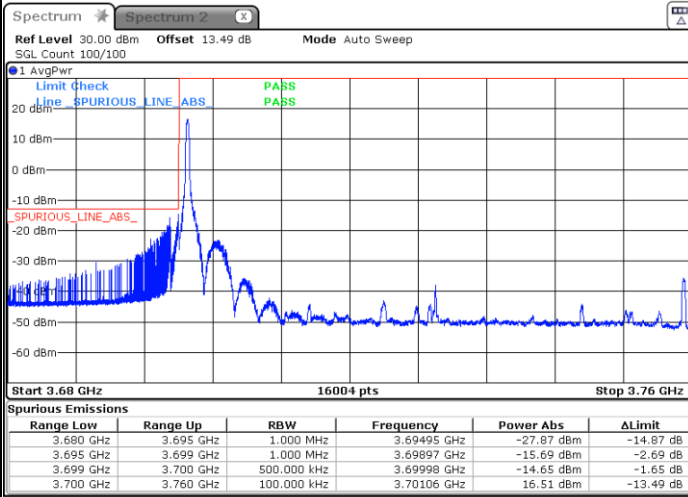




FR1 n77 / 60MHz / DFT-S OFDM / QPSK

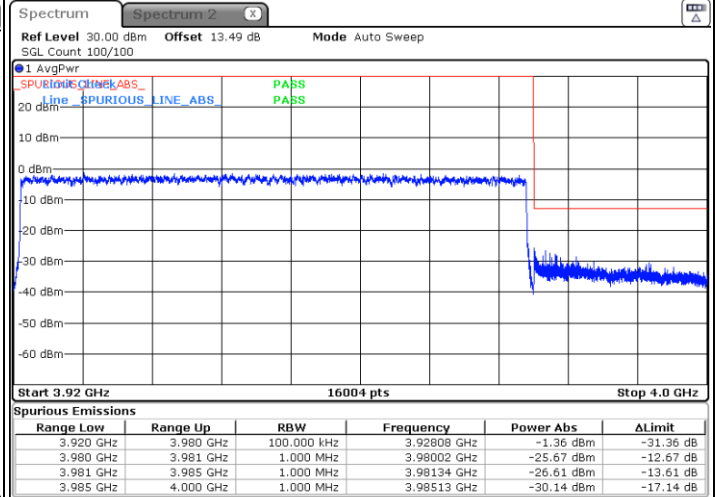
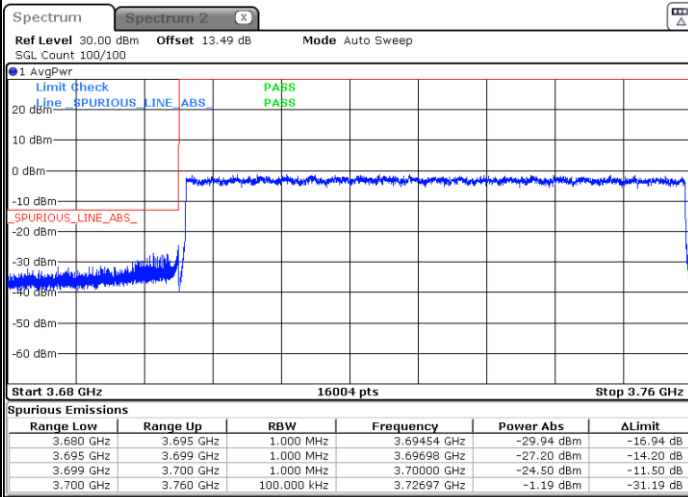
Lowest Band Edge / 1RB0

Highest Band Edge / 1RBmax



Lowest Band Edge / Full RB

Highest Band Edge / Full RB

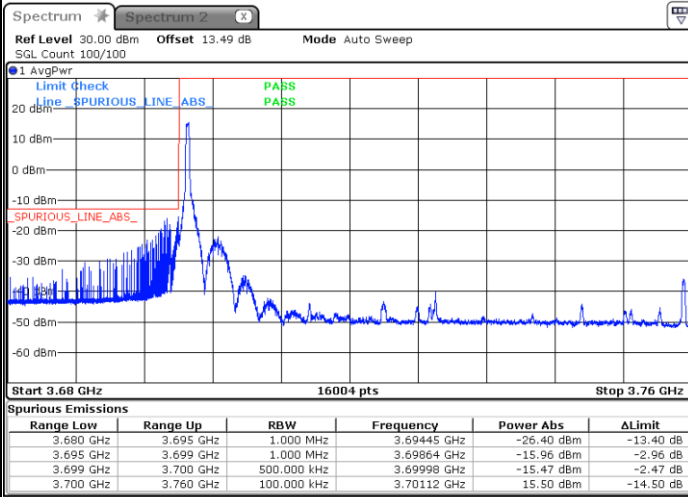




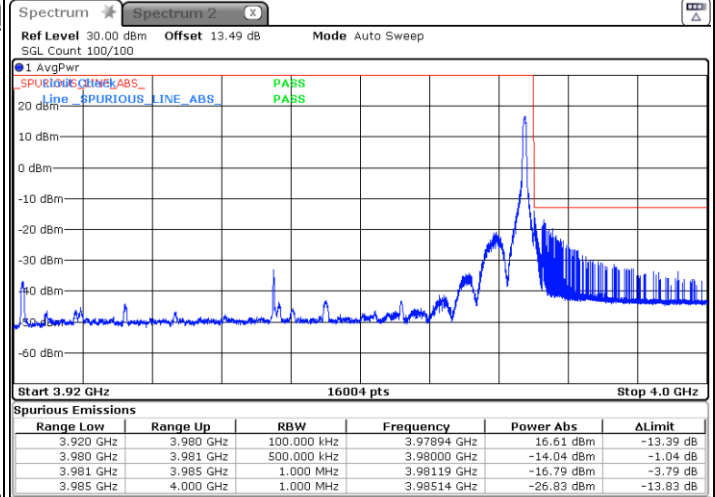
FR1 n77 / 60MHz / DFT-S OFDM / 16Q

Lowest Band Edge / 1RB0

Highest Band Edge / 1RBmax



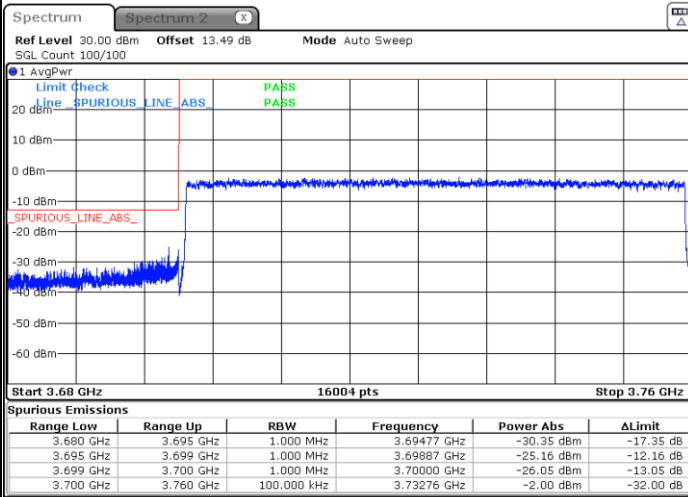
Date: 16.FEB.2022 09:21:48



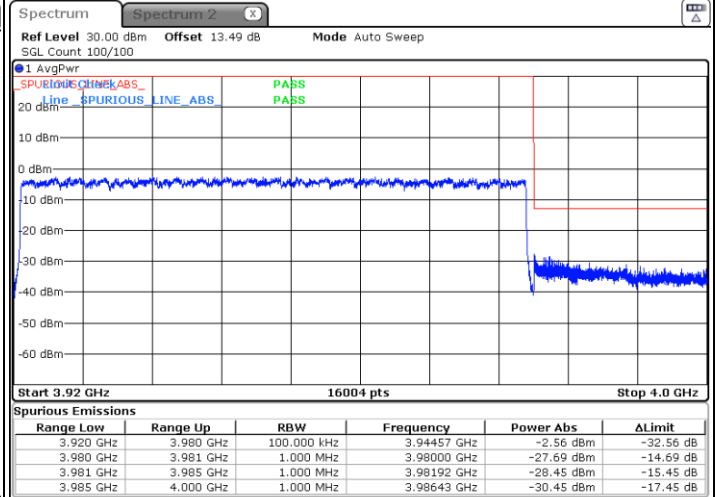
Date: 15.FEB.2022 17:08:59

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 15.FEB.2022 16:50:31

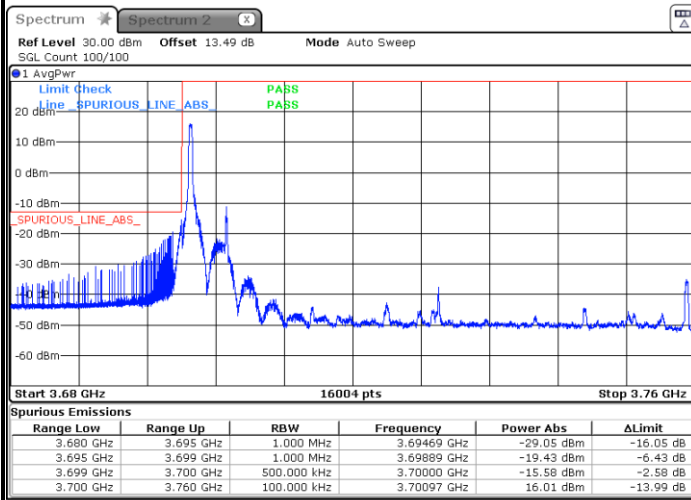


Date: 15.FEB.2022 17:13:02

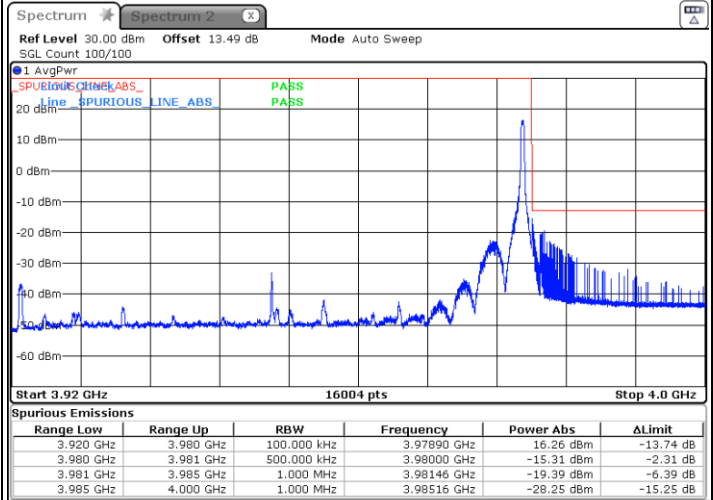


FR1 n77 / 60MHz / DFT-S OFDM / 64Q

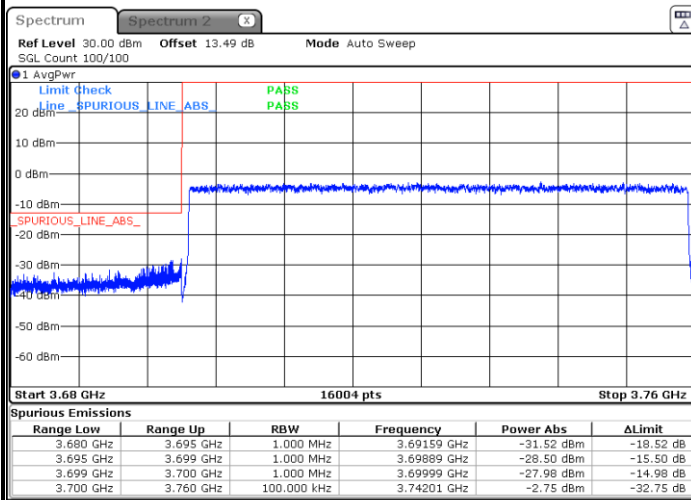
Lowest Band Edge / 1RB0



Highest Band Edge / 1RB24



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

