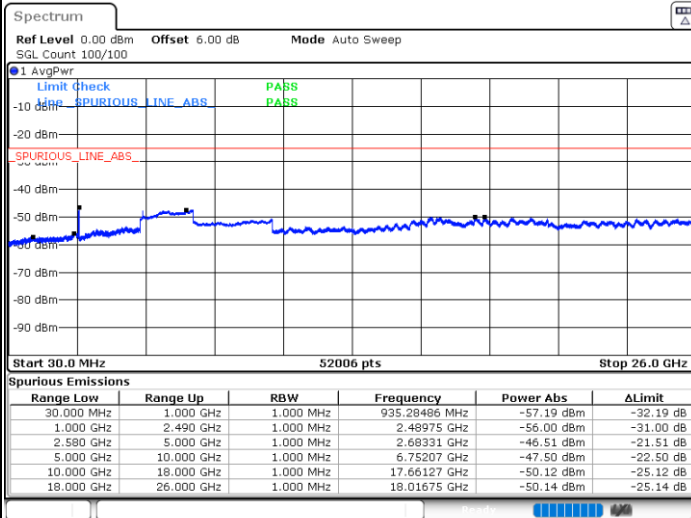




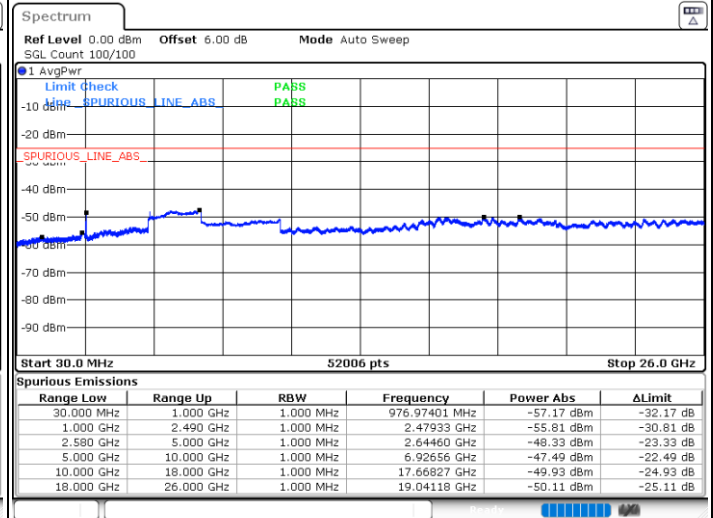
FR1 n7 / 25MHz / DFT-S OFDM / QPSK

Lowest Channel / 1RB1

Middle Channel / 1RB1

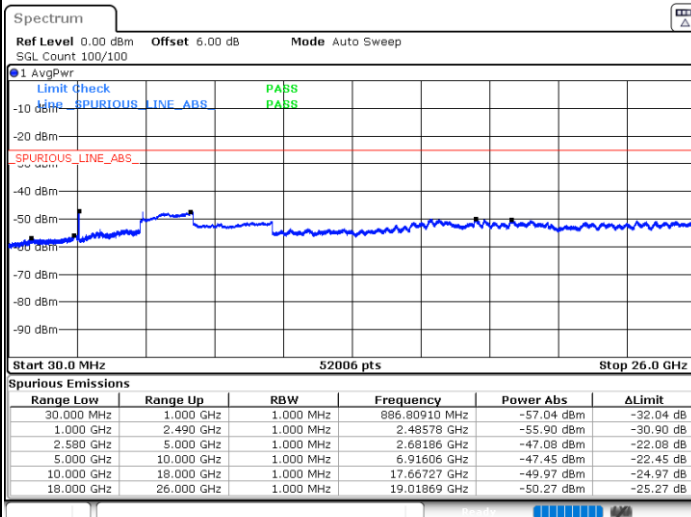


Date: 12.MAR.2022 11:12:58



Date: 12.MAR.2022 11:05:57

Highest Channel / 1RB1

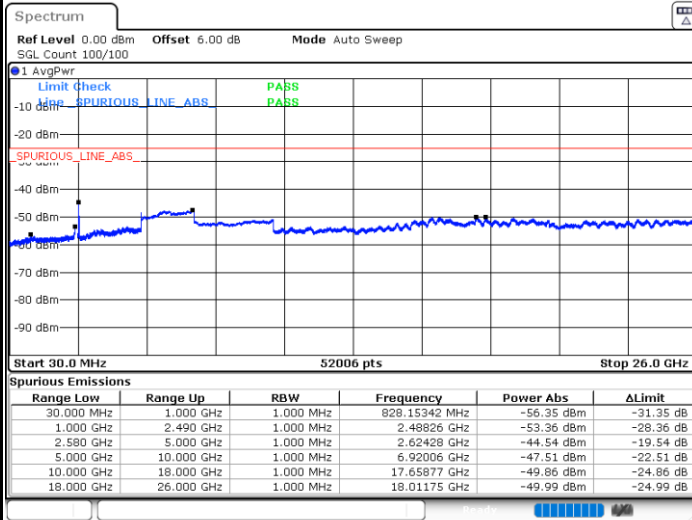


Date: 12.MAR.2022 11:14:38



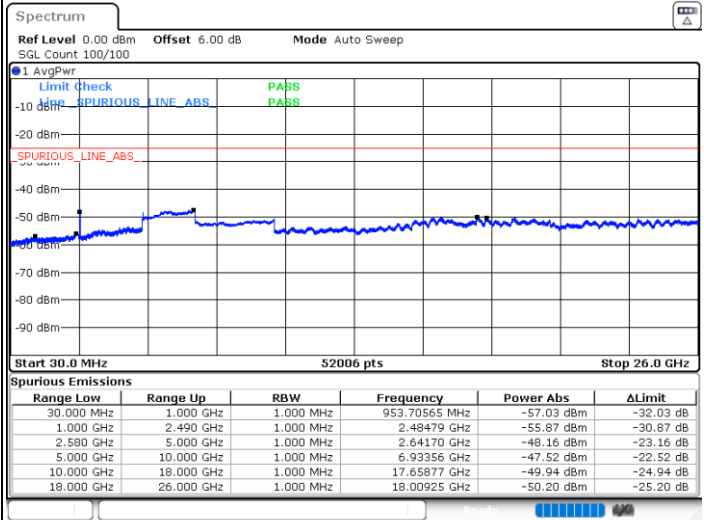
FR1 n7 / 30MHz / DFT-S OFDM / QPSK

Lowest Channel / 1RB1



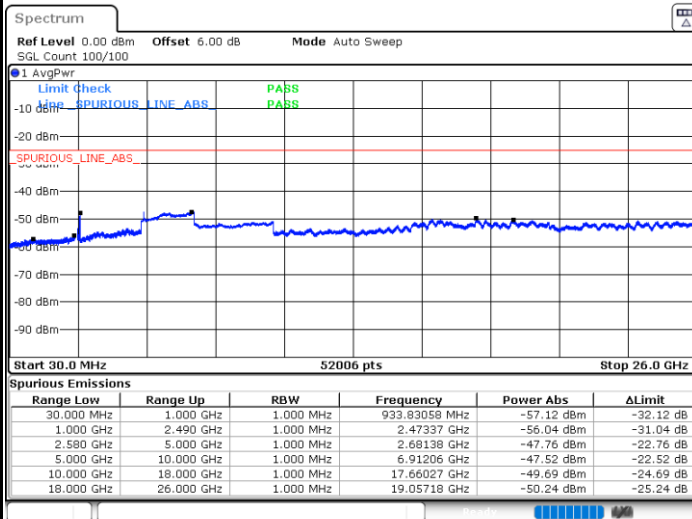
Date: 12.MAR.2022 11:38:41

Middle Channel / 1RB1



Date: 12.MAR.2022 11:36:58

Highest Channel / 1RB1

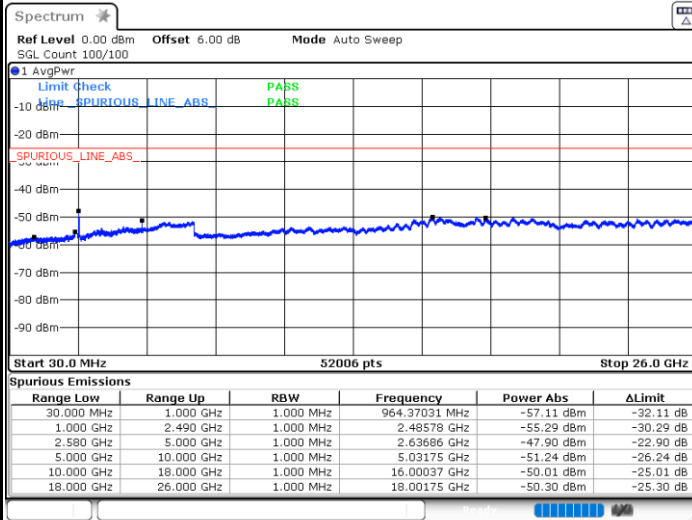


Date: 12.MAR.2022 11:51:34

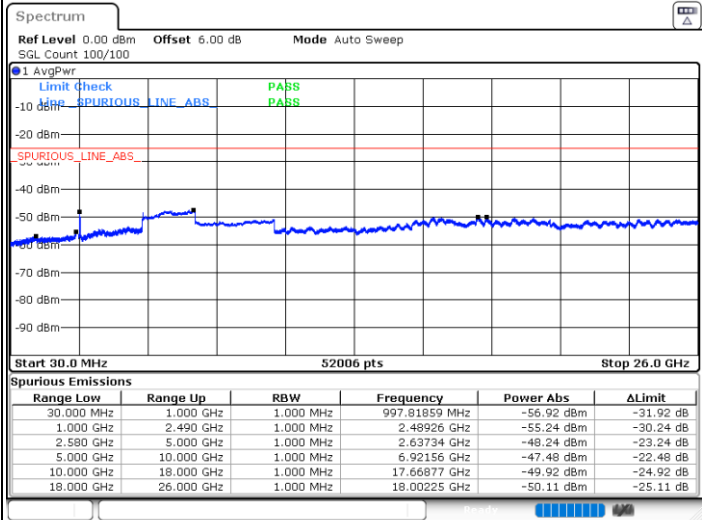


FR1 n7 / 40MHz / DFT-S OFDM / QPSK

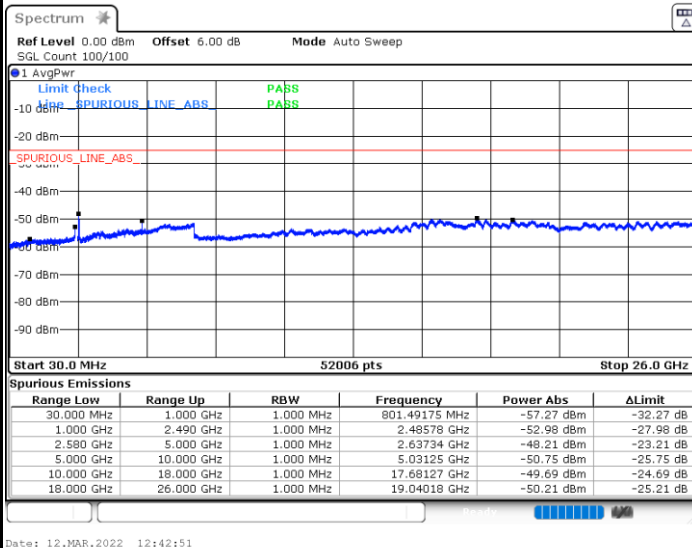
Lowest Channel / 1RB1



Middle Channel / 1RB1



Highest Channel / 1RB1



**Frequency Stability**

Test Conditions		FR1 n7 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 20MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0011	PASS
40	Normal Voltage	0.0001	
30	Normal Voltage	0.0005	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0015	
0	Normal Voltage	0.0031	
-10	Normal Voltage	0.0025	
-20	Normal Voltage	0.0014	
-30	Normal Voltage	0.0005	
20	Maximum Voltage	0.0027	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0005	

Note:

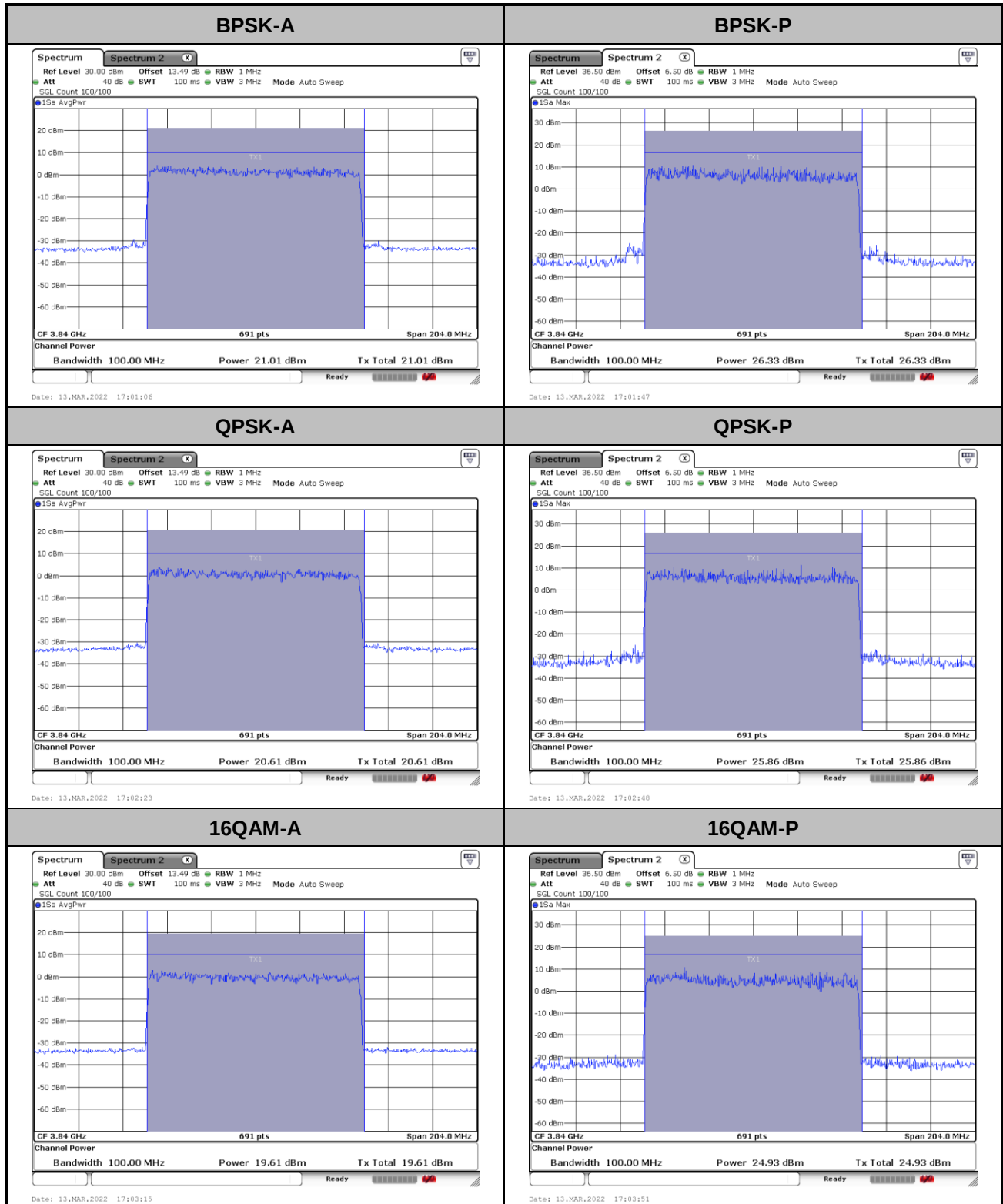
1. Normal Voltage =3.87 V. ; Battery End Point (BEP) =3.6 V. ; Maximum Voltage =4.3 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.

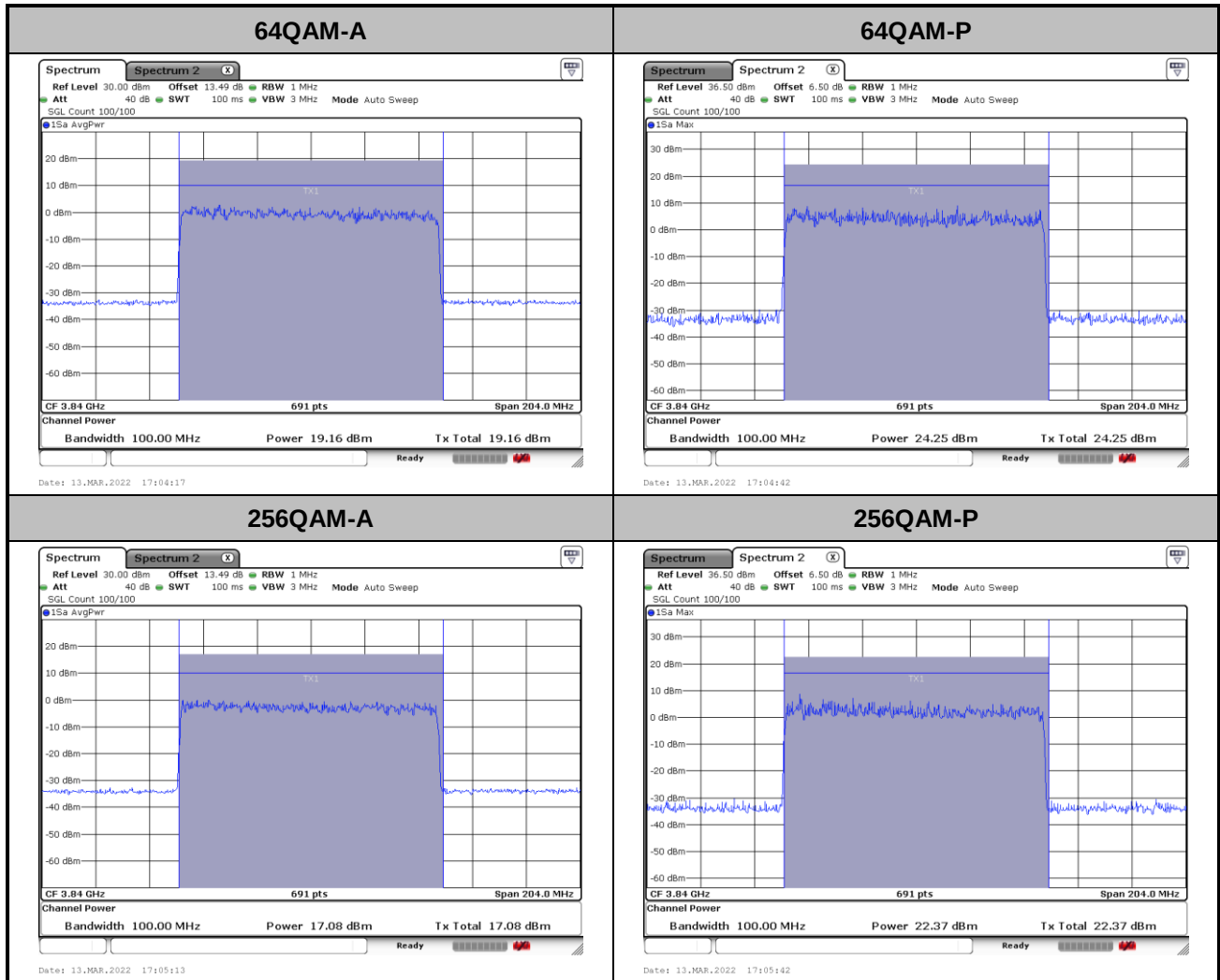


FR1 n77

Peak-to-Average Ratio

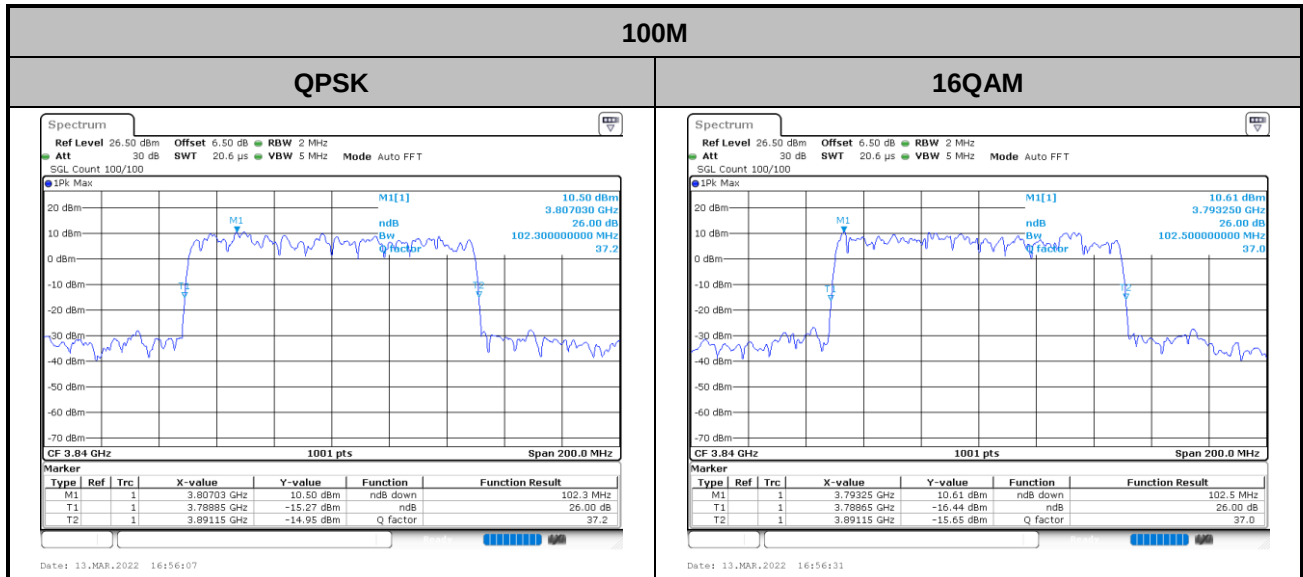
Mode	FR1 n71 / 100MHz / DFT-S OFDM				
Mod.	100M				Limit: 13dB
RB Size	BPSK	QPSK	16QAM	64QAM	Result
Middle CH	5.32	5.25	5.32	5.09	PASS
RB Size	256QAM				
Middle CH	5.29				





**26dB Bandwidth**

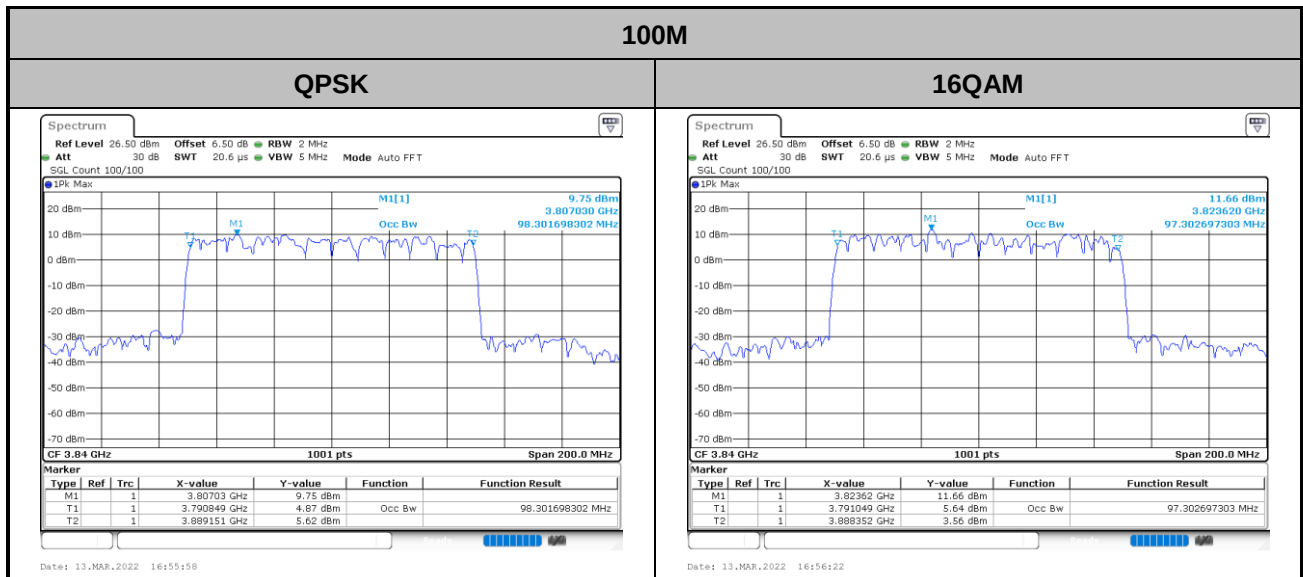
Mode	FR1 n77 : 26dB BW(MHz) / DFT-S OFDM	
BW	100M	
Mod.	QPSK	16QAM
Middle CH	102.3	102.5

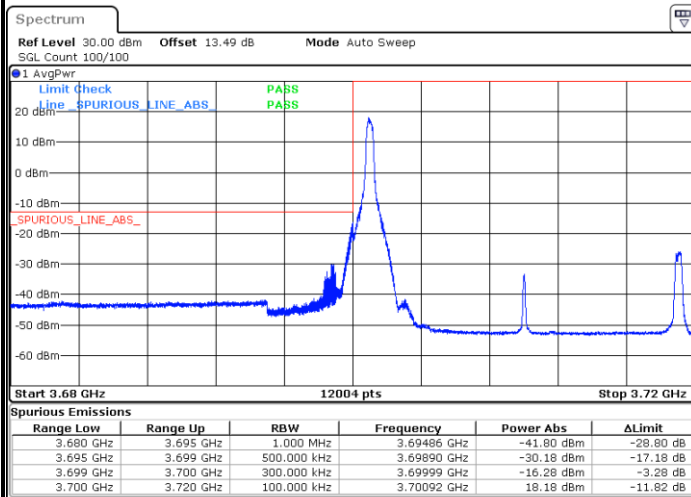
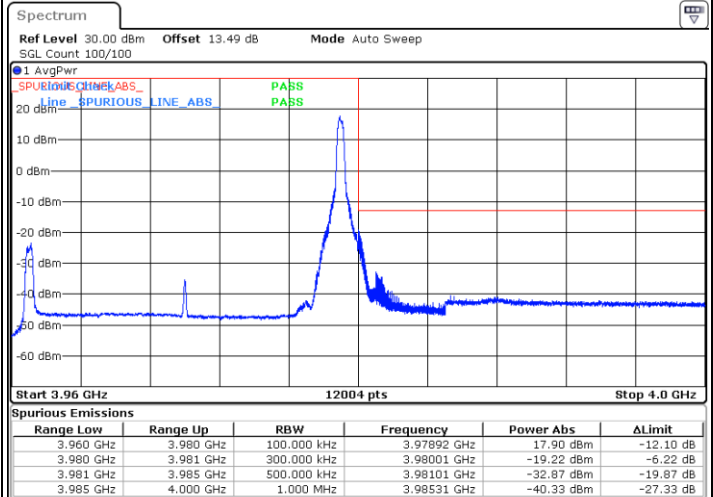
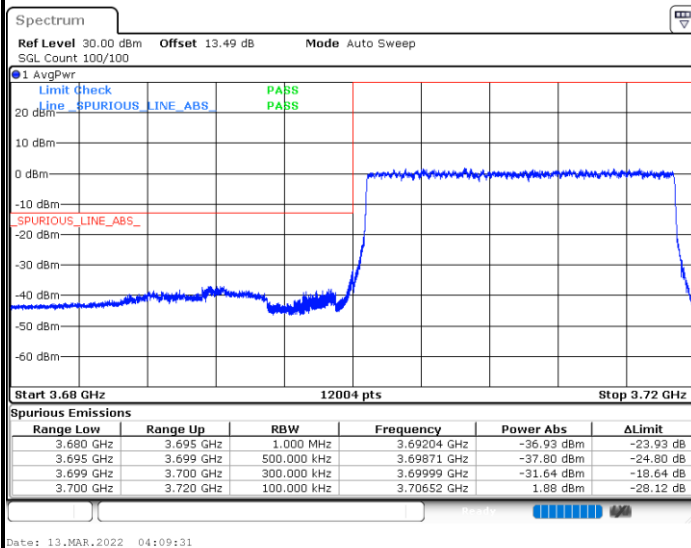
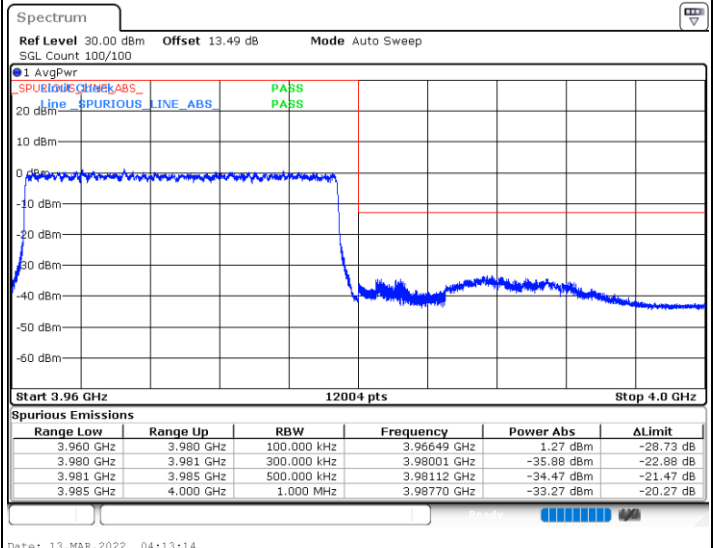




Occupied Bandwidth

Mode	FR1 n77: OB BW(MHz) / DFT-S OFDM	
BW	100M	
Mod.	QPSK	16QAM
Middle CH	98.30	97.30



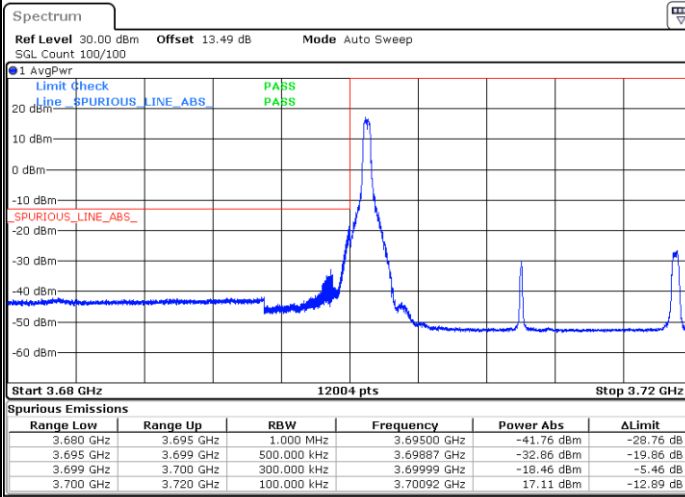
**Conducted Band Edge****FR1 n77 / 20MHz / DFT-S OFDM / PI/2 BPSK****Lowest Band Edge / 1RB0****Highest Band Edge / 1RBmax****Lowest Band Edge / Full RB****Highest Band Edge / Full RB**



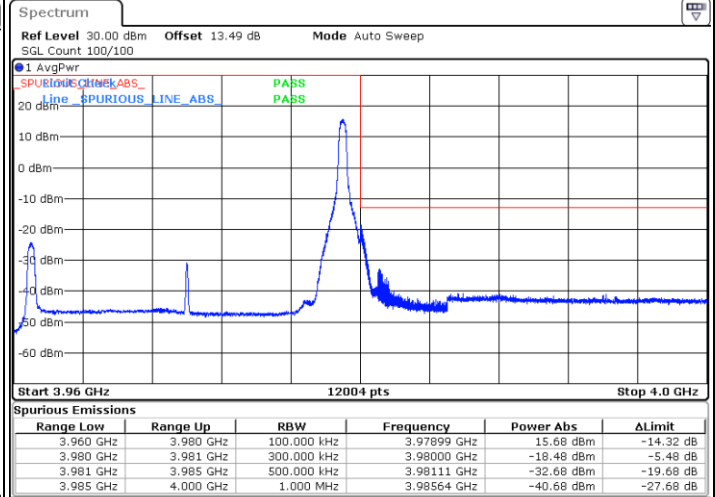
FR1 n77 / 20MHz / DFT-S OFDM / QPSK

Lowest Band Edge / 1RB0

Highest Band Edge / 1RBmax



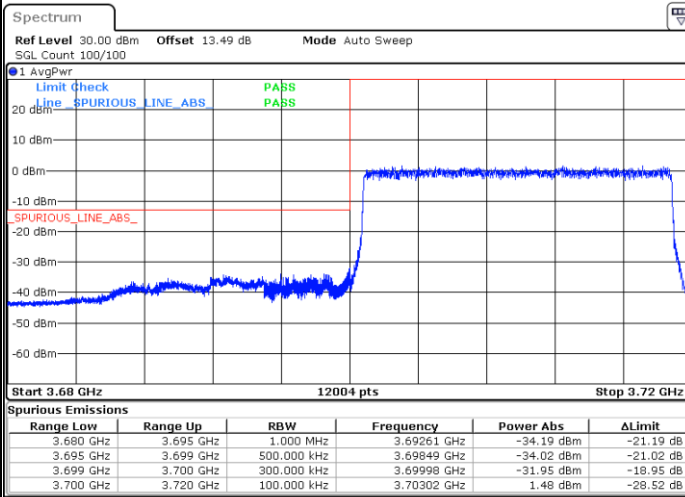
Date: 13.MAR.2022 03:53:03



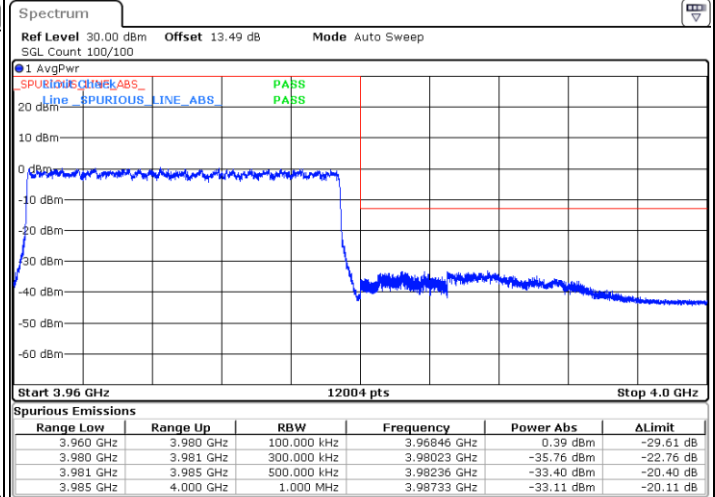
Date: 13.MAR.2022 04:23:46

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 13.MAR.2022 04:08:39



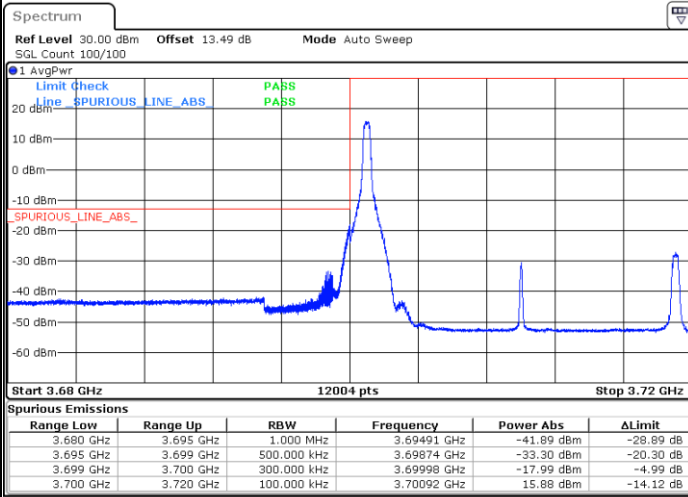
Date: 13.MAR.2022 04:12:30



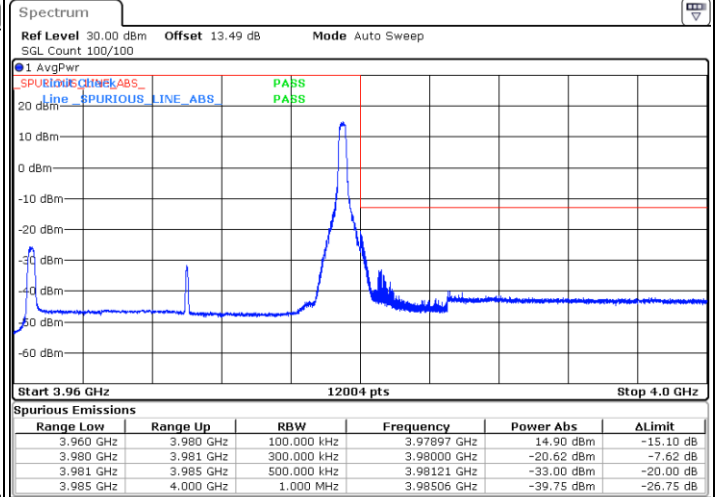
FR1 n77 / 20MHz / DFT-S OFDM / 16Q

Lowest Band Edge / 1RB0

Highest Band Edge / 1RBmax



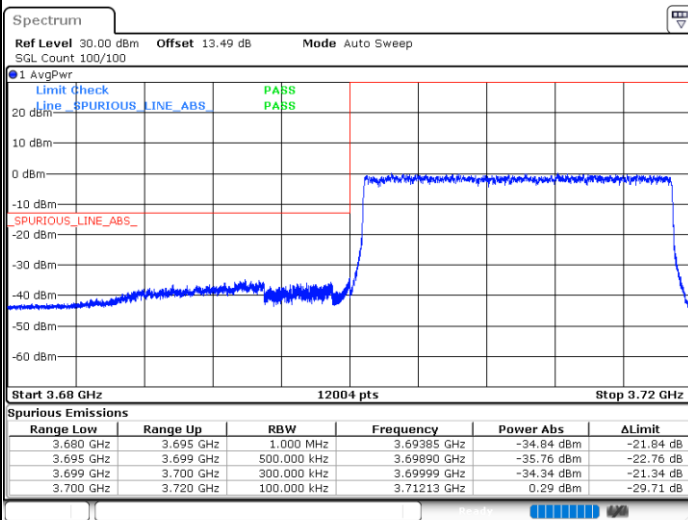
Date: 13.MAR.2022 03:55:22



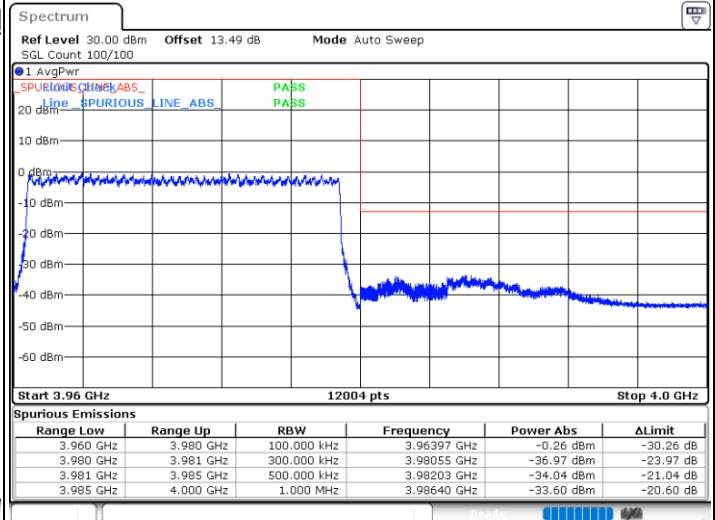
Date: 13.MAR.2022 04:22:49

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 13.MAR.2022 04:07:11

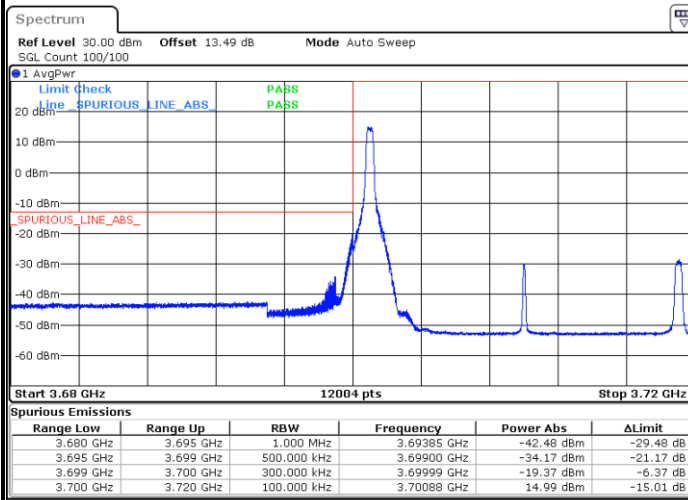


Date: 13.MAR.2022 04:14:22

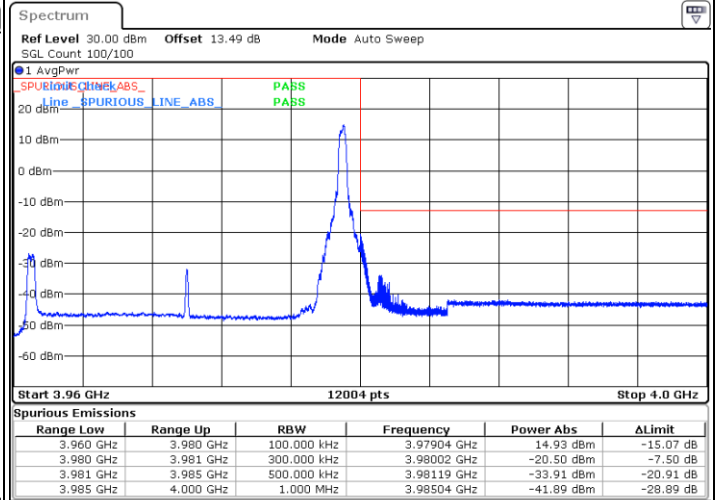


FR1 n77 / 20MHz / DFT-S OFDM / 64Q

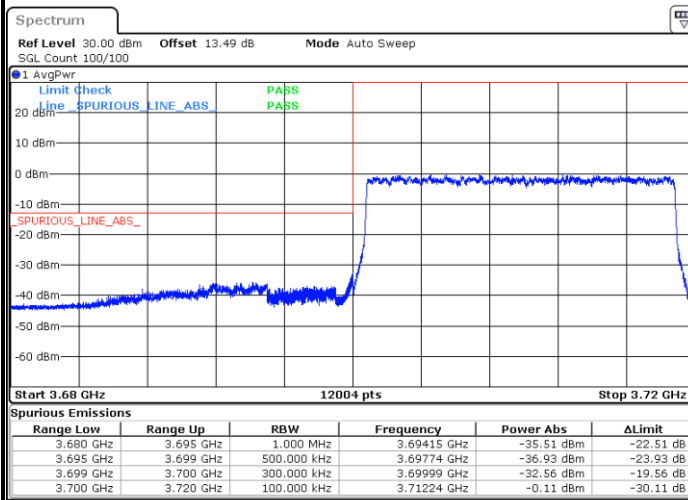
Lowest Band Edge / 1RB0



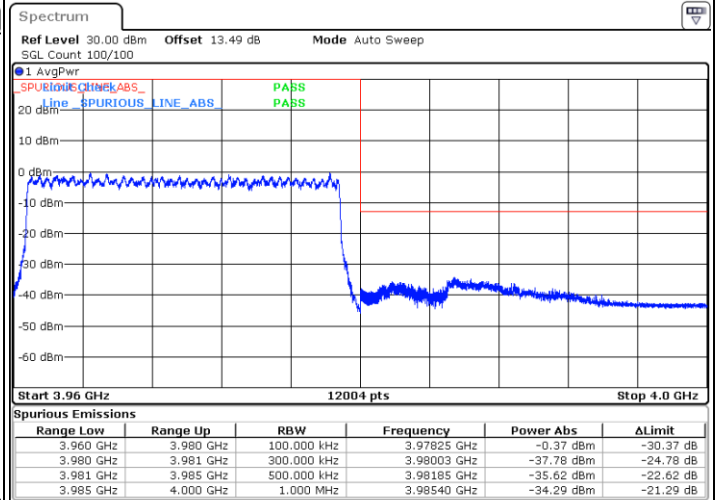
Highest Band Edge / 1RB24



Lowest Band Edge / Full RB



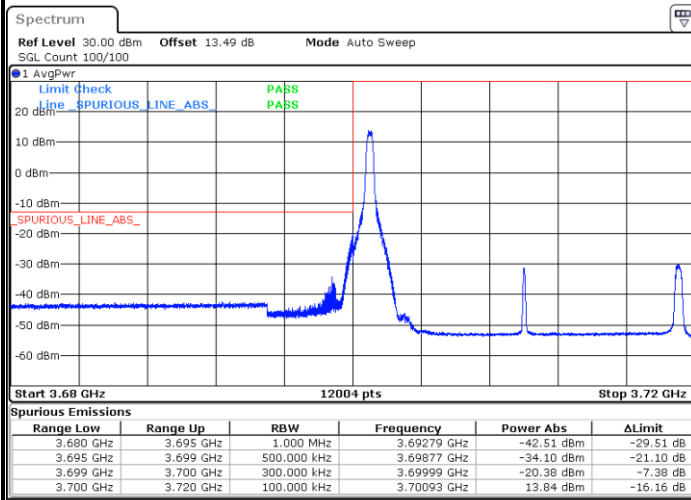
Highest Band Edge / Full RB



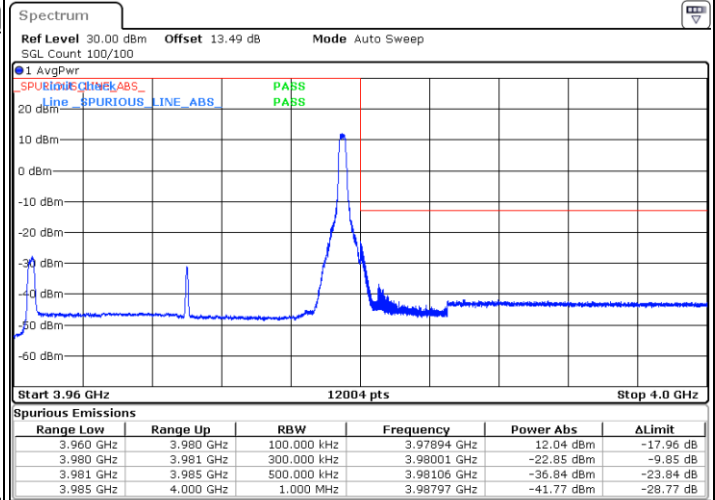


FR1 n77 / 20MHz / DFT-S OFDM / 256Q

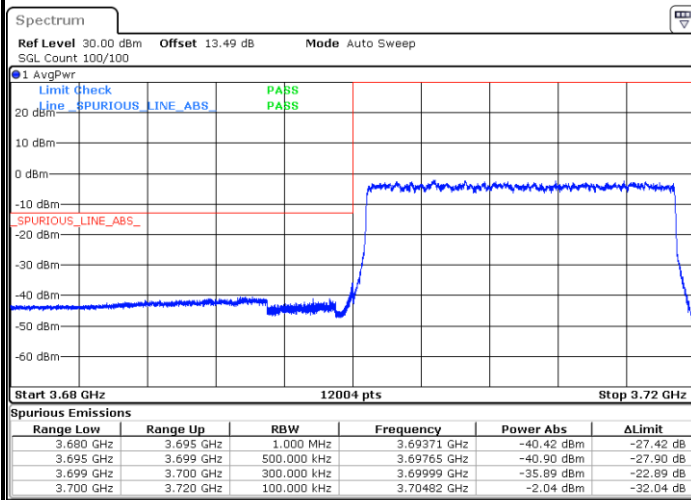
Lowest Band Edge / 1RB0



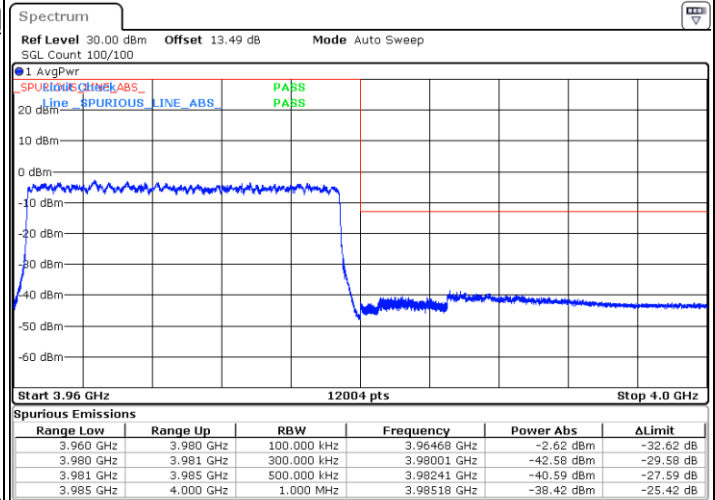
Highest Band Edge / 1RB24



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

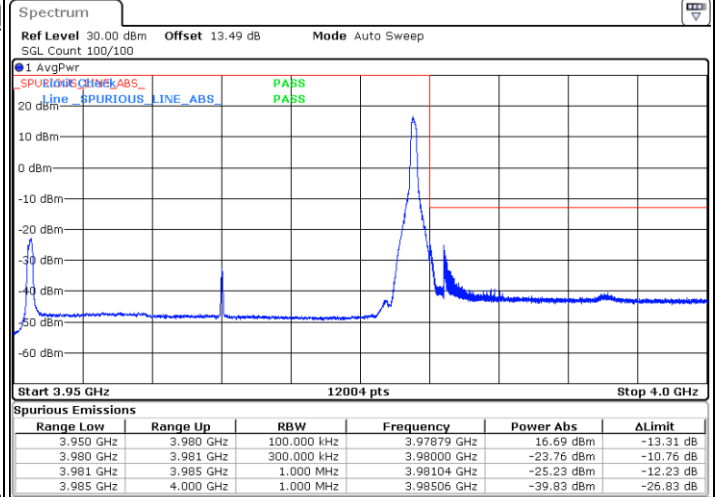
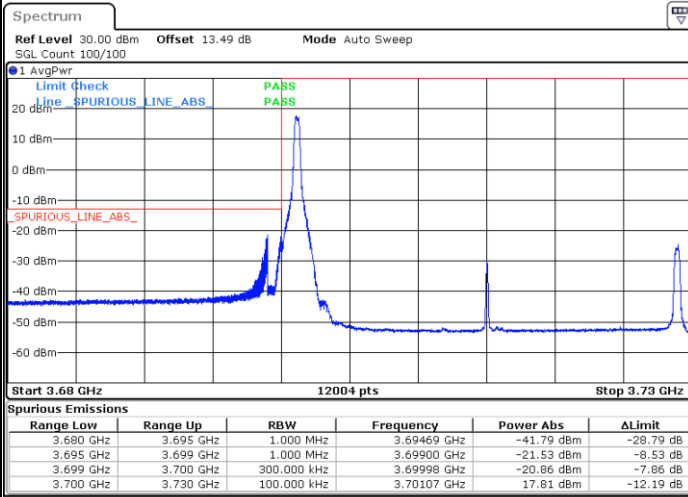




FR1 n77/ 30MHz / DFT-S OFDM / PI/2 BPSK

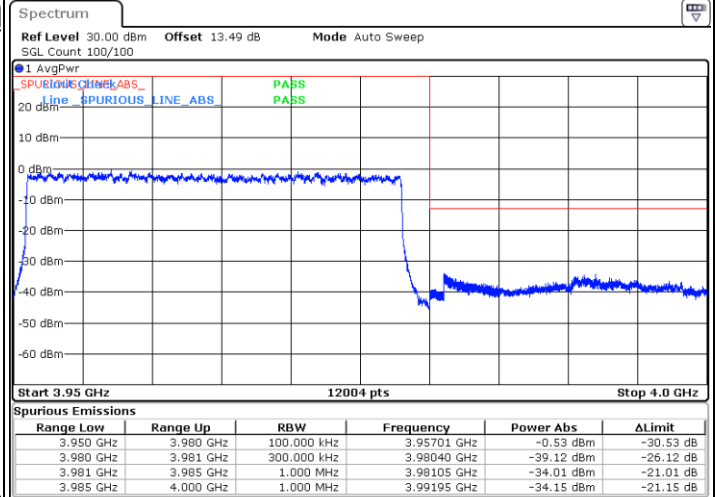
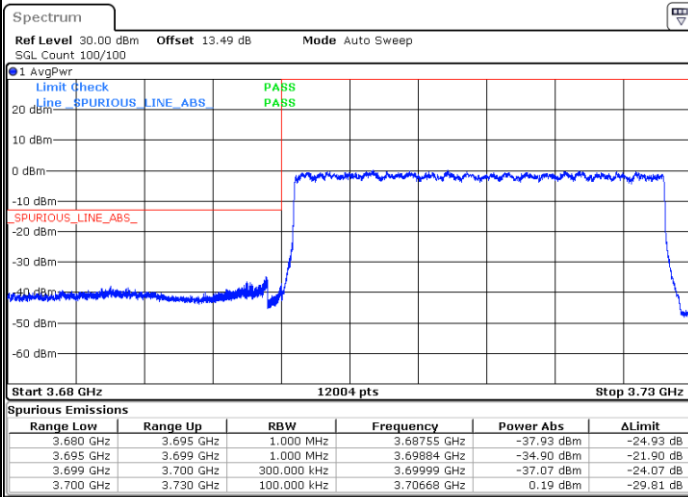
Lowest Band Edge / 1RB0

Highest Band Edge / 1RBmax



Lowest Band Edge / Full RB

Highest Band Edge / Full RB

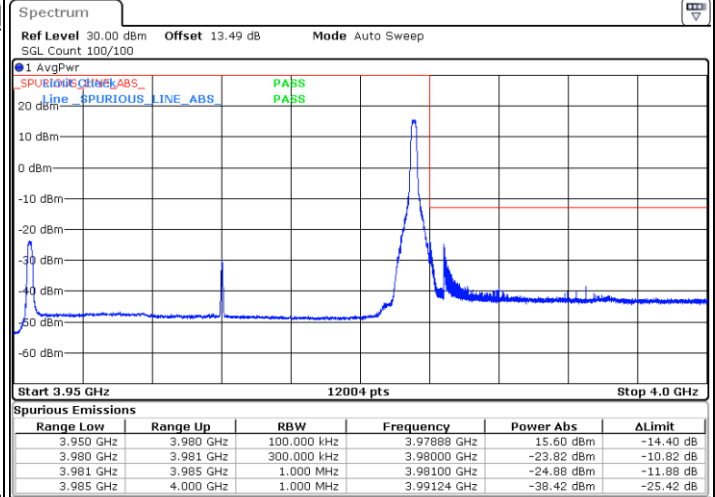
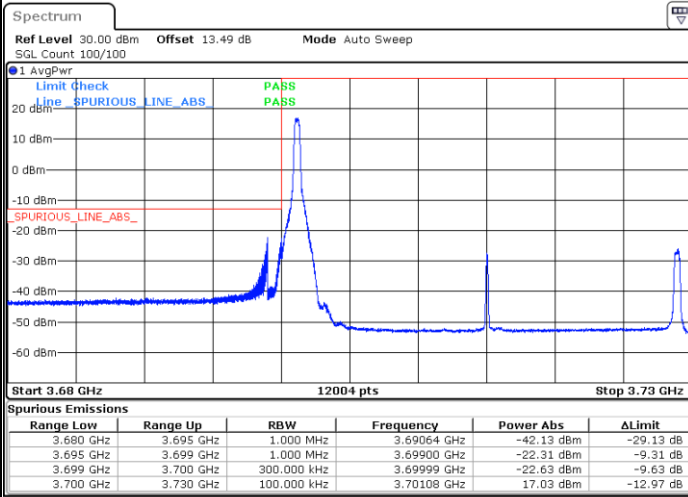




FR1 n77 / 30MHz / DFT-S OFDM / QPSK

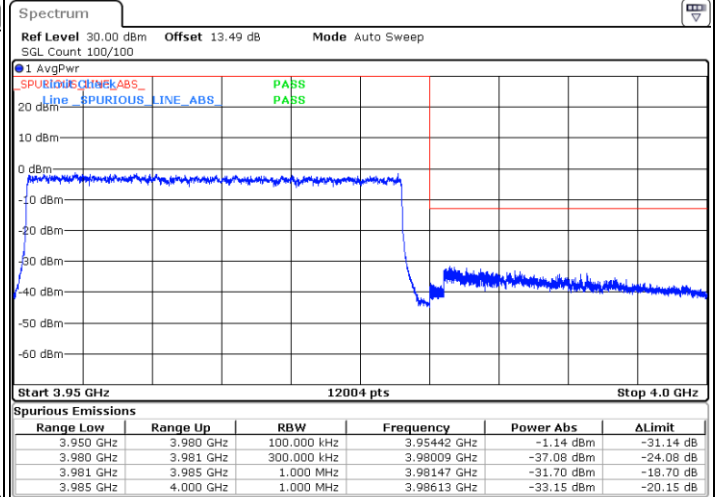
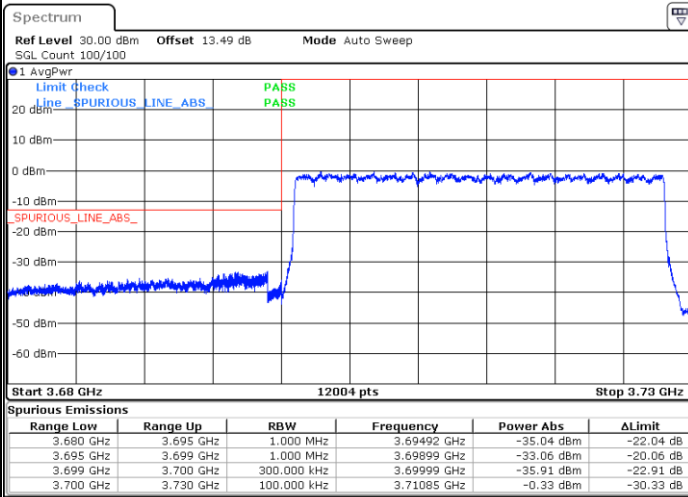
Lowest Band Edge / 1RB0

Highest Band Edge / 1RBmax



Lowest Band Edge / Full RB

Highest Band Edge / Full RB

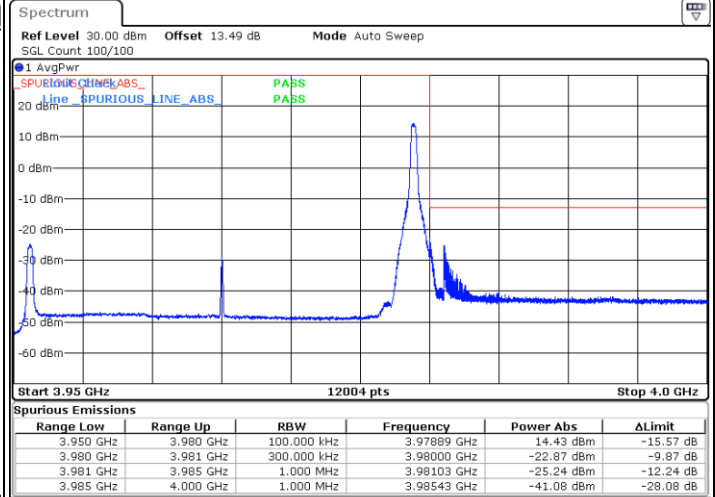
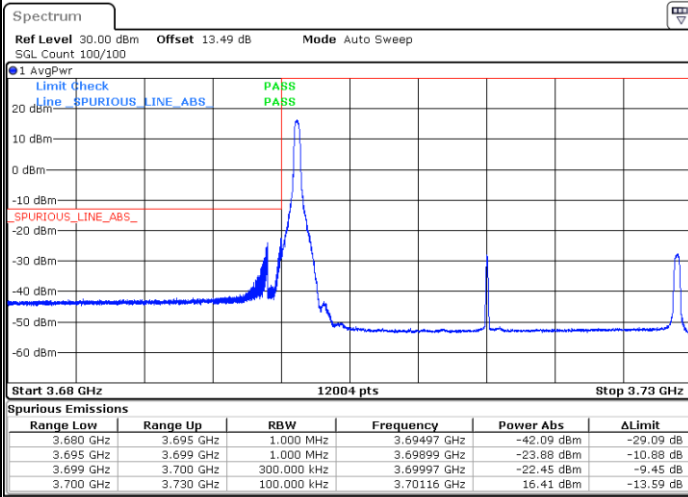




FR1 n77 / 30MHz / DFT-S OFDM / 16Q

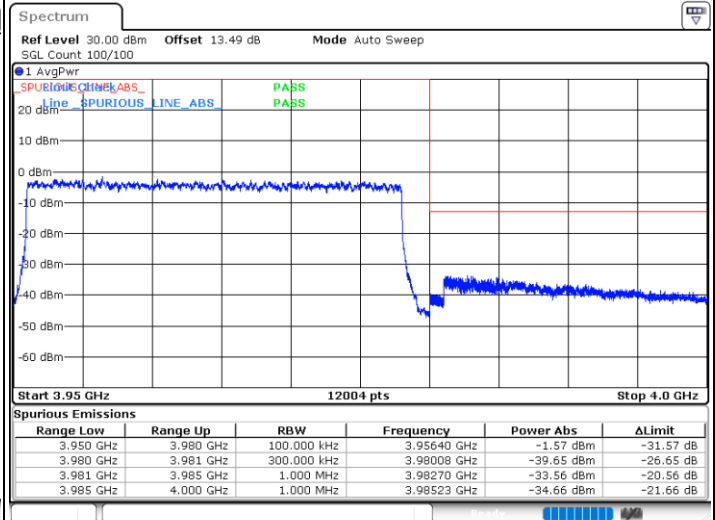
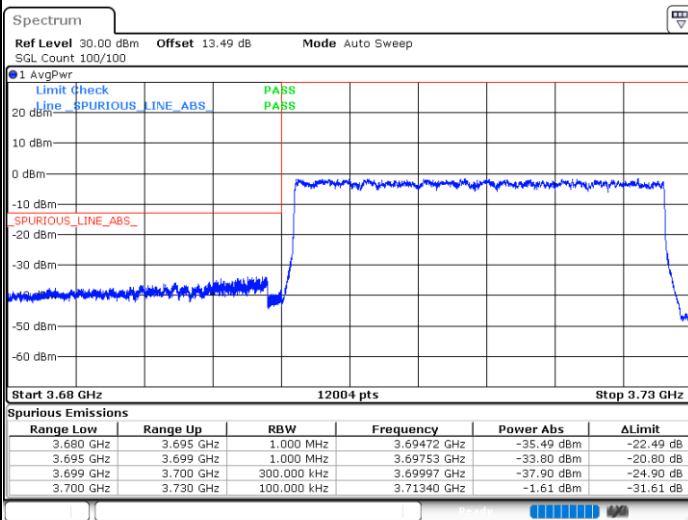
Lowest Band Edge / 1RB0

Highest Band Edge / 1RBmax



Lowest Band Edge / Full RB

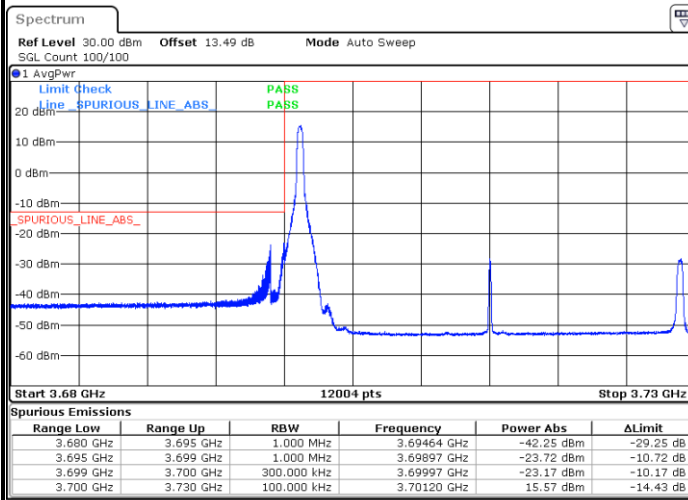
Highest Band Edge / Full RB



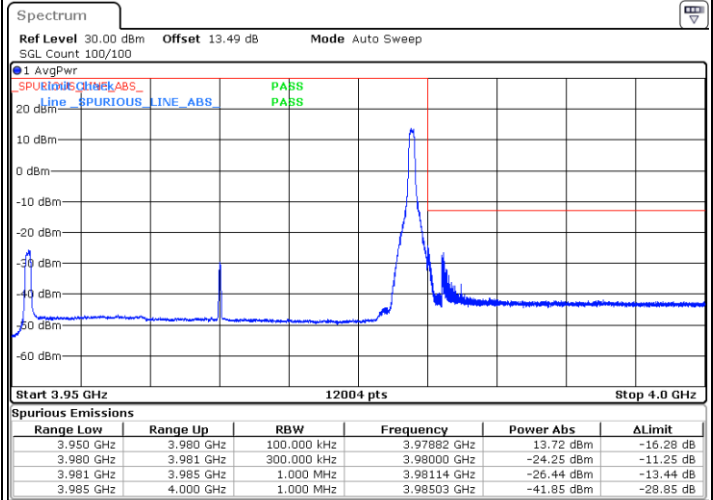


FR1 n77 / 30MHz / DFT-S OFDM / 64Q

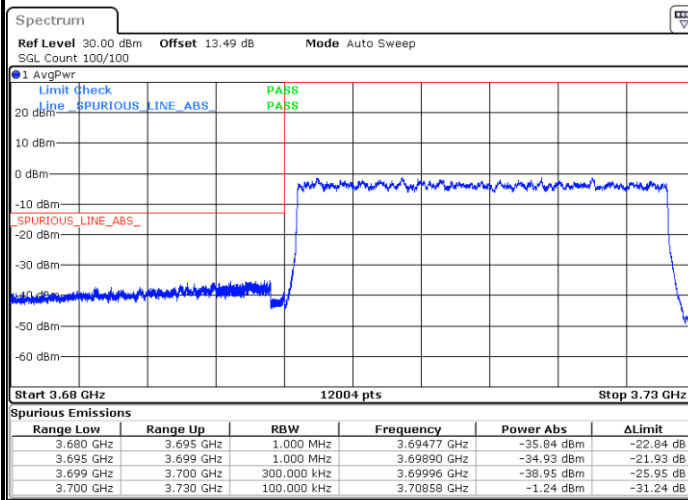
Lowest Band Edge / 1RB0



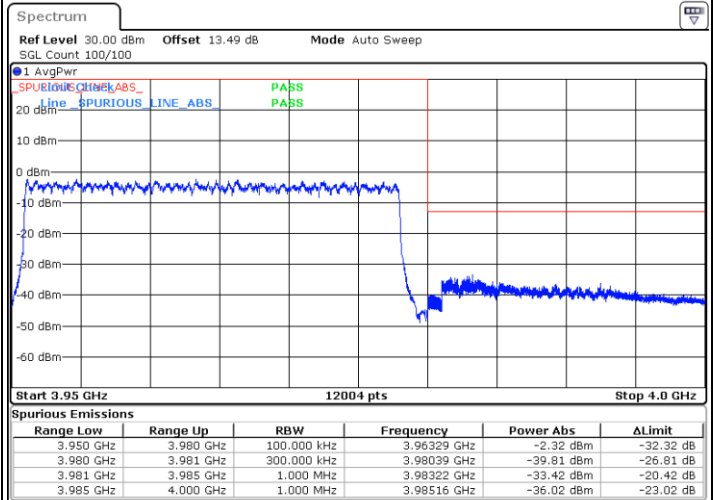
Highest Band Edge / 1RB24



Lowest Band Edge / Full RB



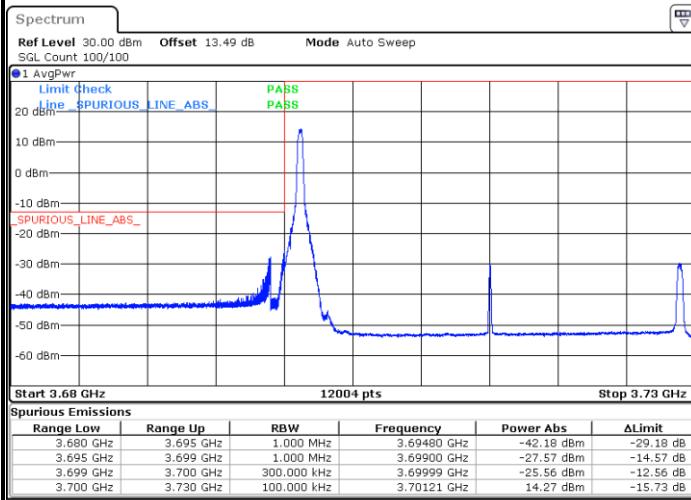
Highest Band Edge / Full RB



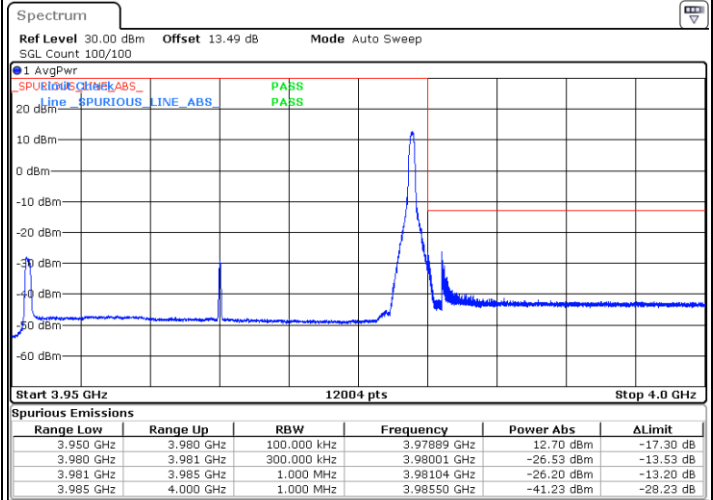


FR1 n77 / 30MHz / DFT-S OFDM / 256Q

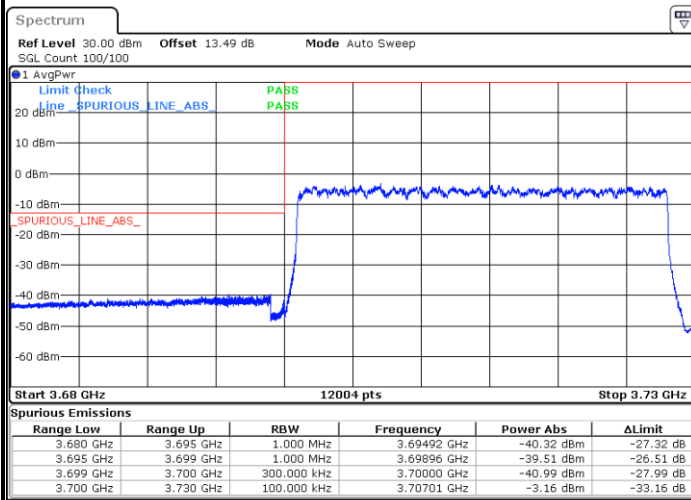
Lowest Band Edge / 1RB0



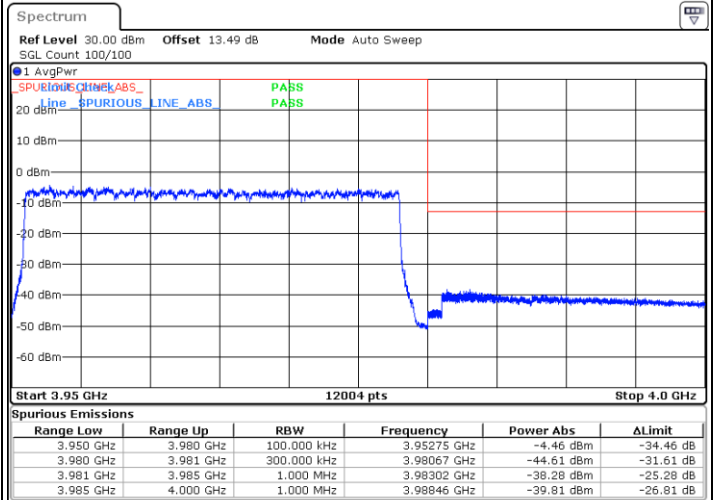
Highest Band Edge / 1RB24



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

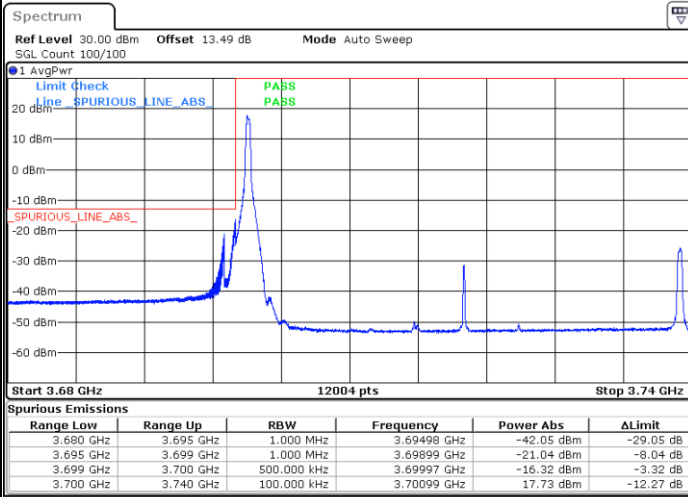




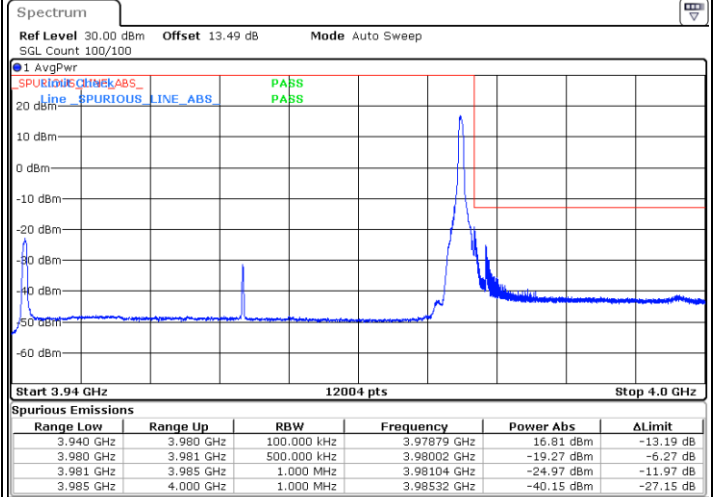
FR1 n77 / 40MHz / DFT-S OFDM / PI/2 BPSK

Lowest Band Edge / 1RB0

Highest Band Edge / 1RBmax



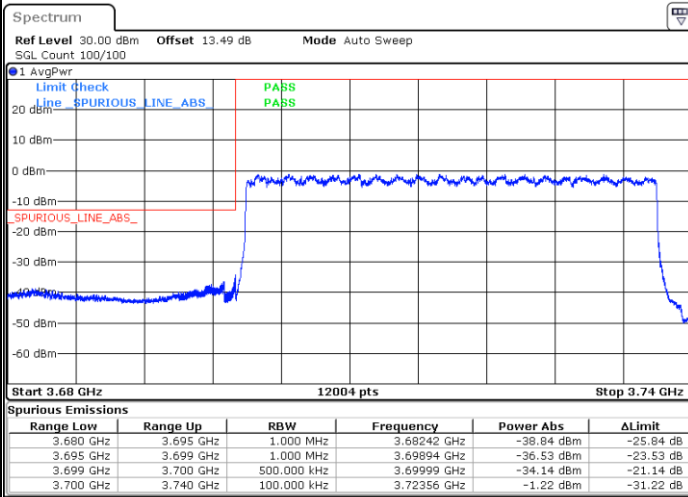
Date: 13.MAR.2022 04:59:39



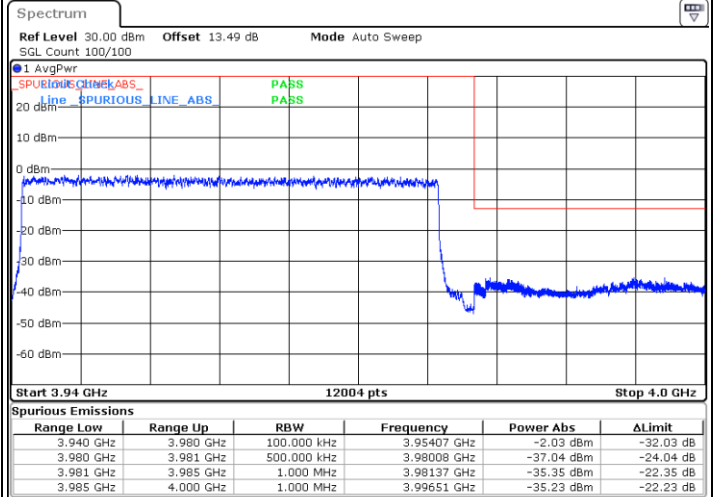
Date: 13.MAR.2022 05:22:14

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 13.MAR.2022 05:08:30



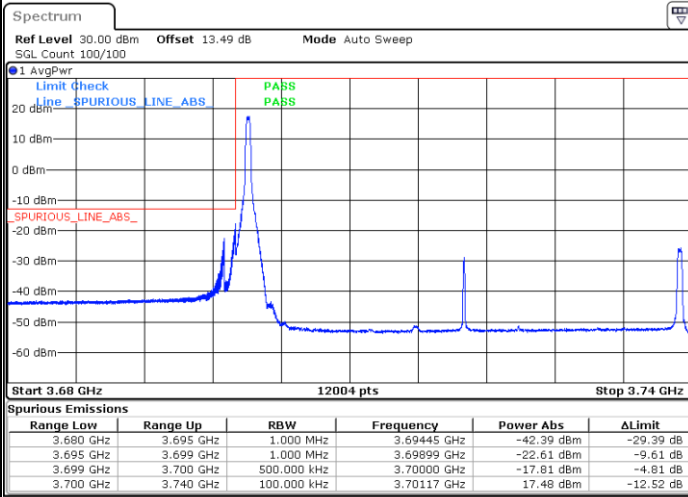
Date: 13.MAR.2022 05:09:26



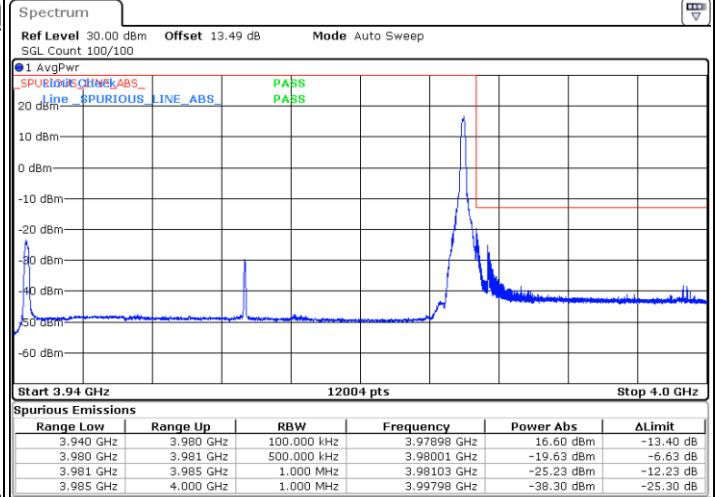
FR1 n77 / 40MHz / DFT-S OFDM / QPSK

Lowest Band Edge / 1RB0

Highest Band Edge / 1RBmax



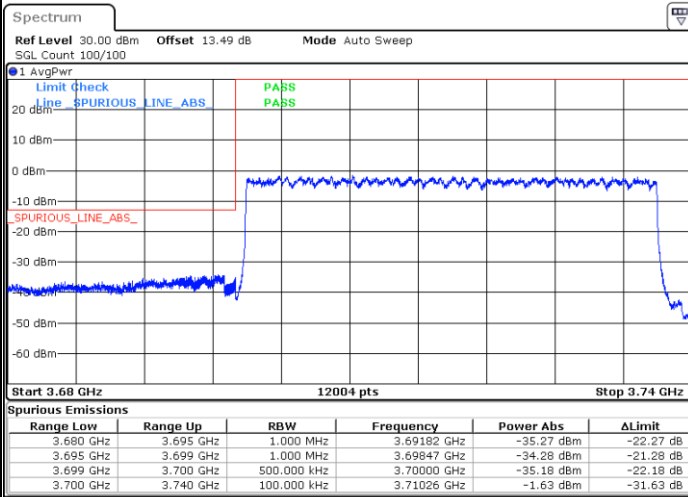
Date: 13.MAR.2022 04:57:07



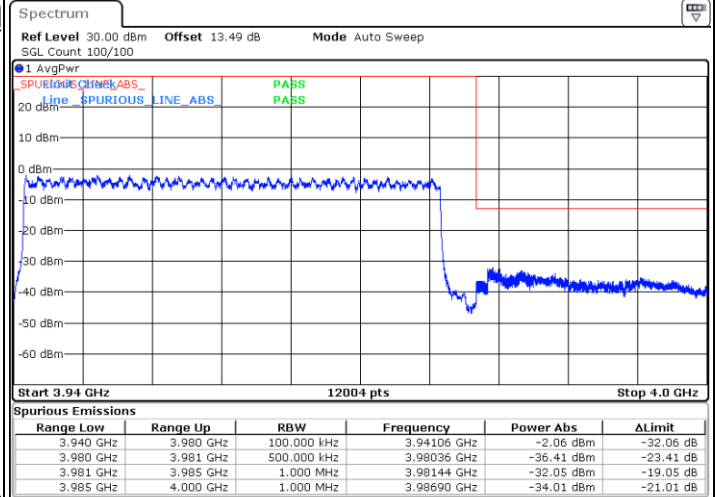
Date: 13.MAR.2022 05:20:37

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 13.MAR.2022 05:07:34



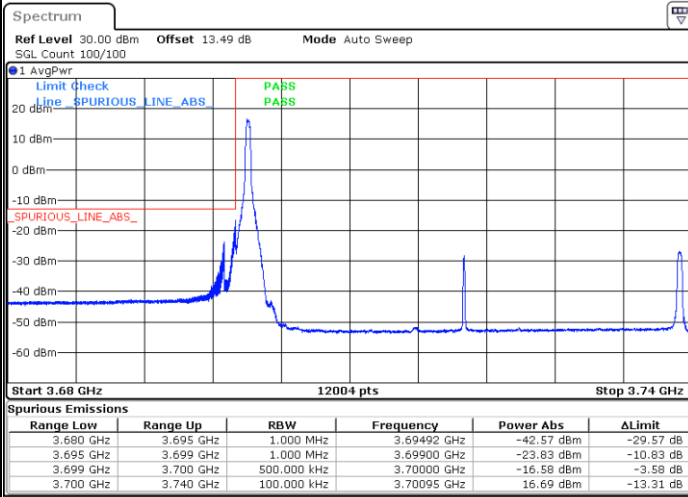
Date: 13.MAR.2022 05:10:05



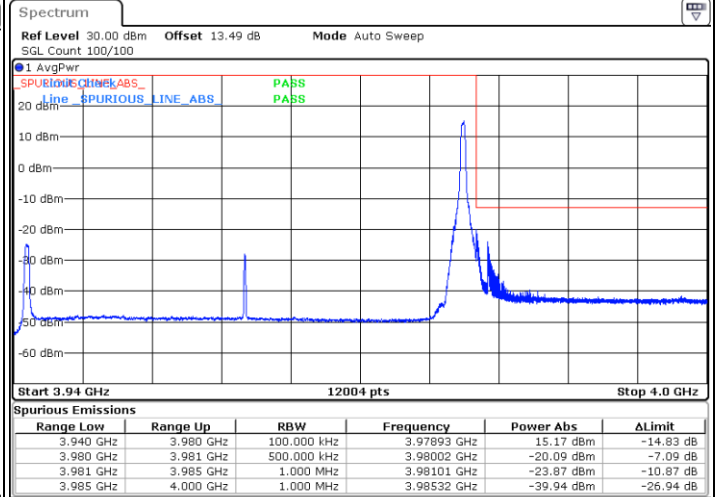
FR1 n77 / 40MHz / DFT-S OFDM / 16Q

Lowest Band Edge / 1RB0

Highest Band Edge / 1RBmax



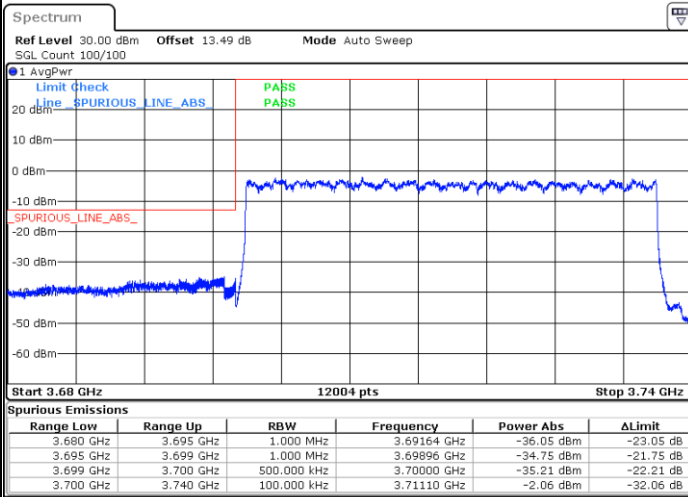
Date: 13.MAR.2022 05:00:50



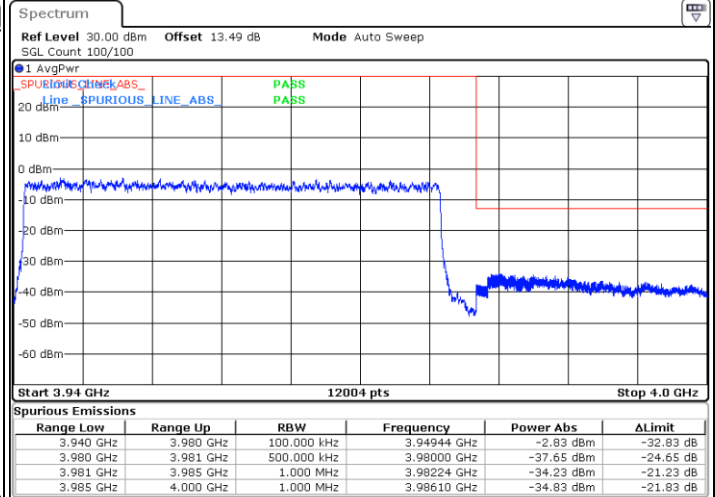
Date: 13.MAR.2022 05:19:50

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 13.MAR.2022 05:06:45

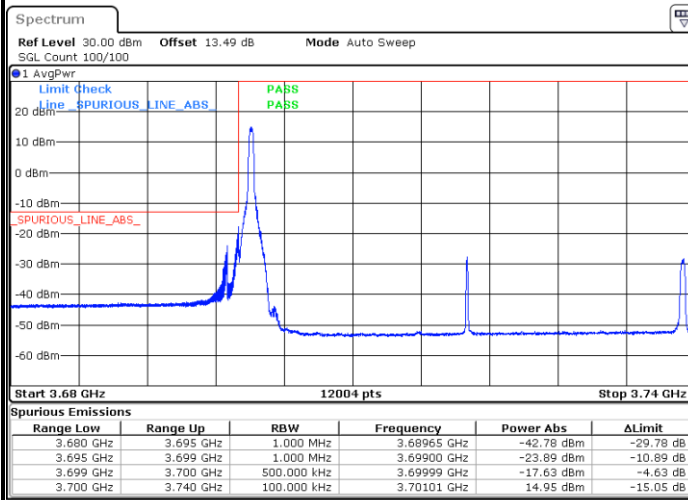


Date: 13.MAR.2022 05:12:57

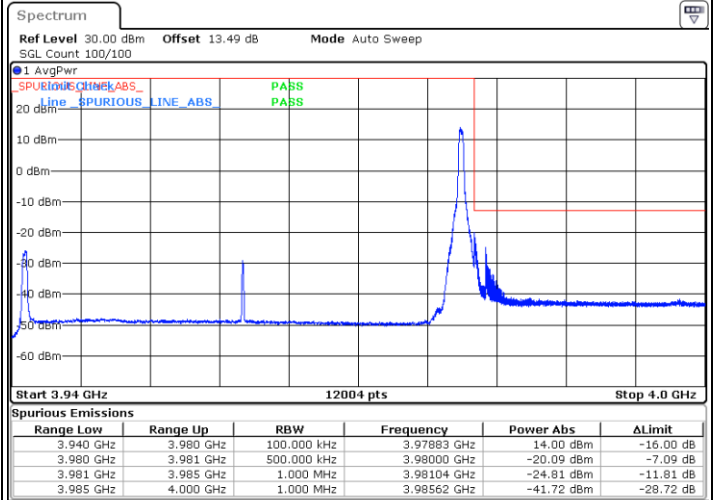


FR1 n77 / 40MHz / DFT-S OFDM / 64Q

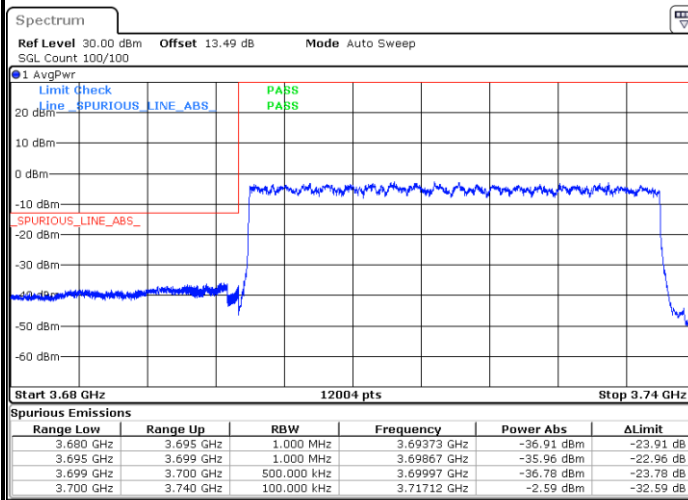
Lowest Band Edge / 1RB0



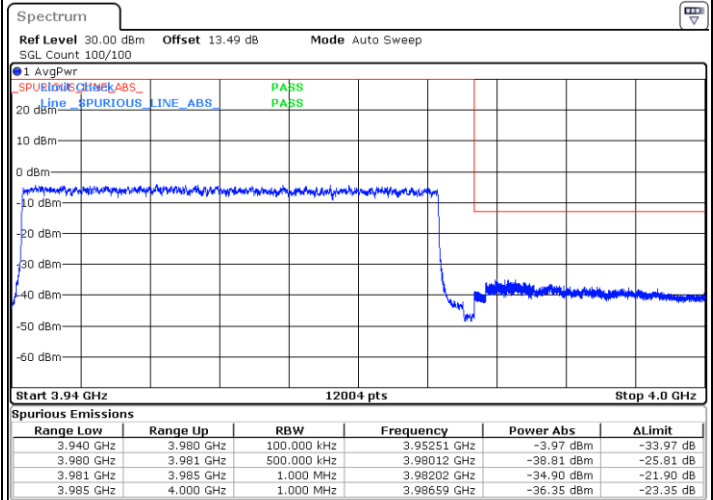
Highest Band Edge / 1RB24



Lowest Band Edge / Full RB



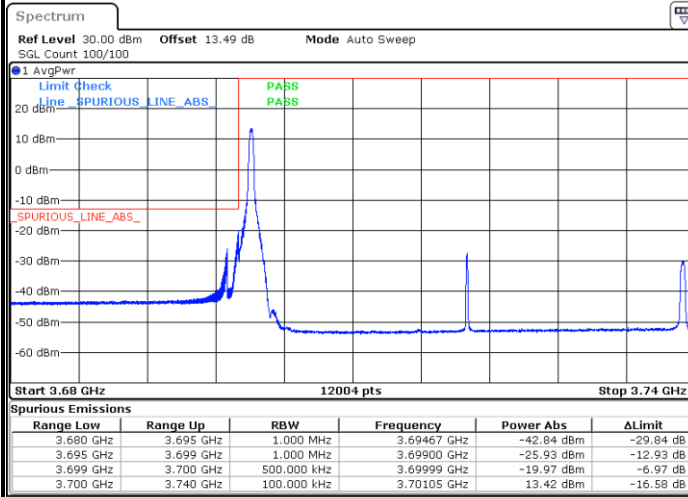
Highest Band Edge / Full RB



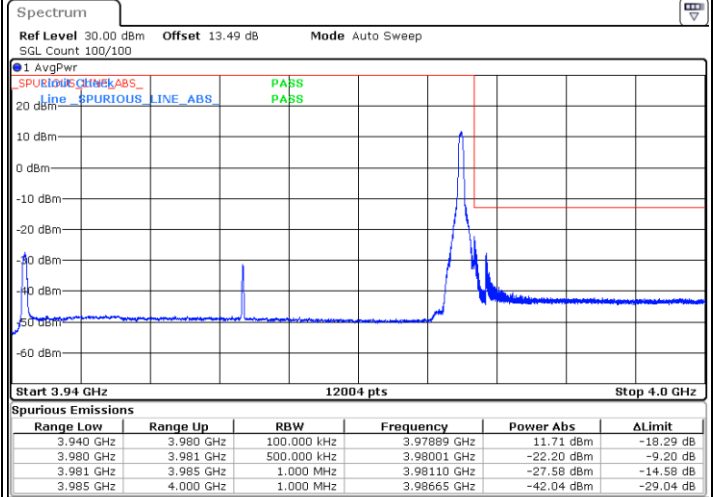


FR1 n77 / 40MHz / DFT-S OFDM / 256Q

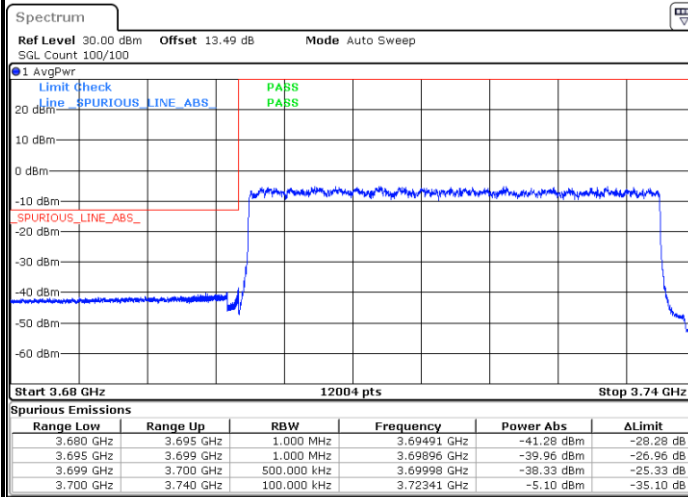
Lowest Band Edge / 1RB0



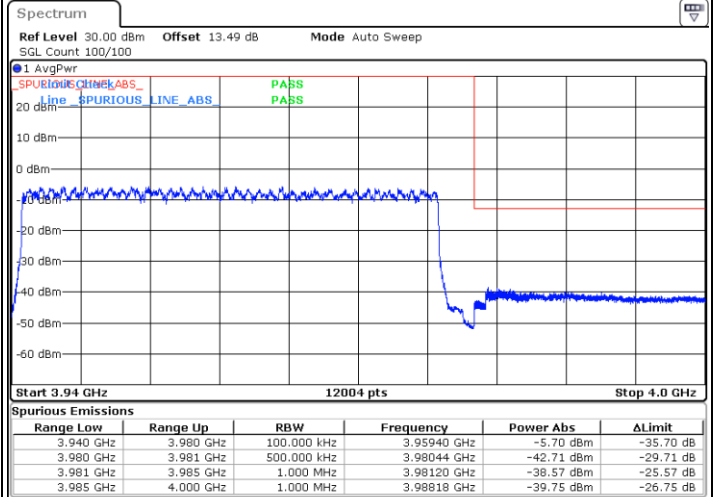
Highest Band Edge / 1RB24



Lowest Band Edge / Full RB



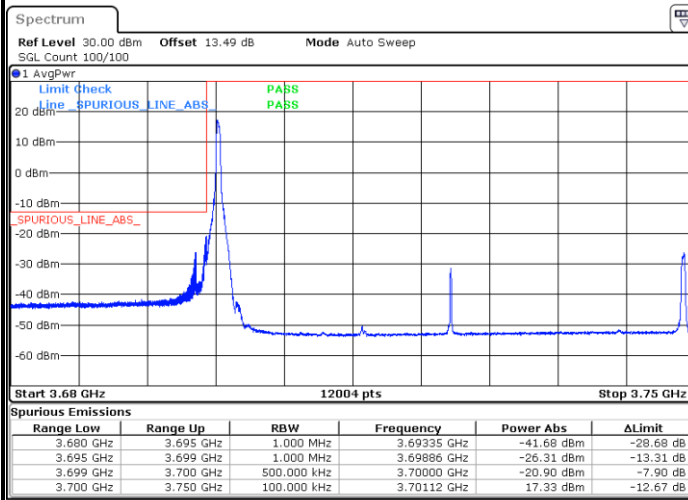
Highest Band Edge / Full RB



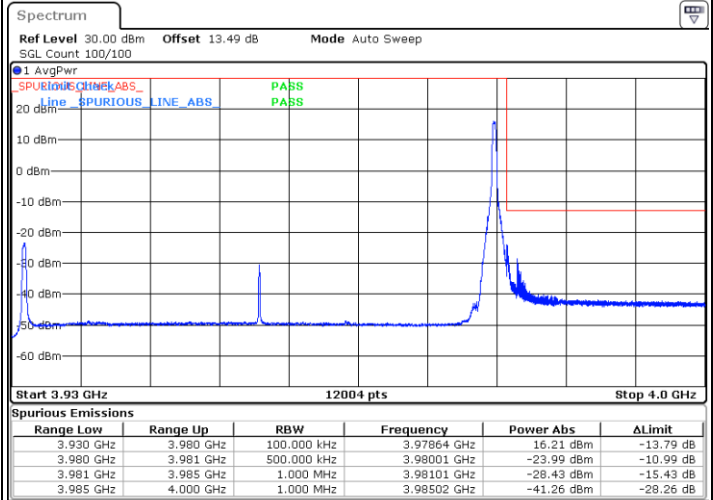


FR1 n77 / 50MHz / DFT-S OFDM / BPSK

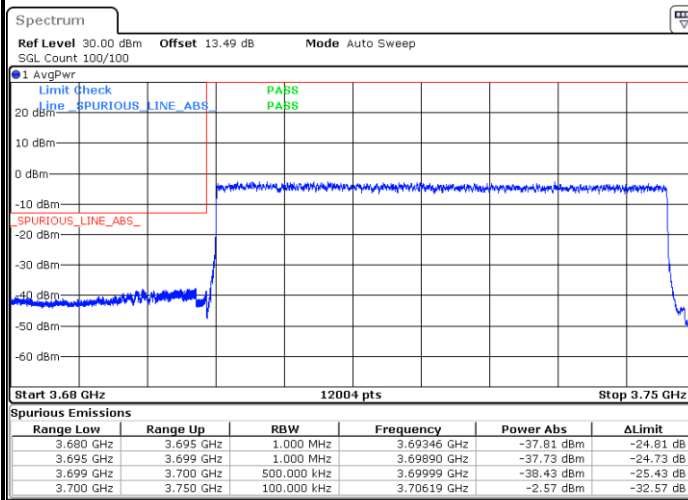
Lowest Band Edge / 1RB0



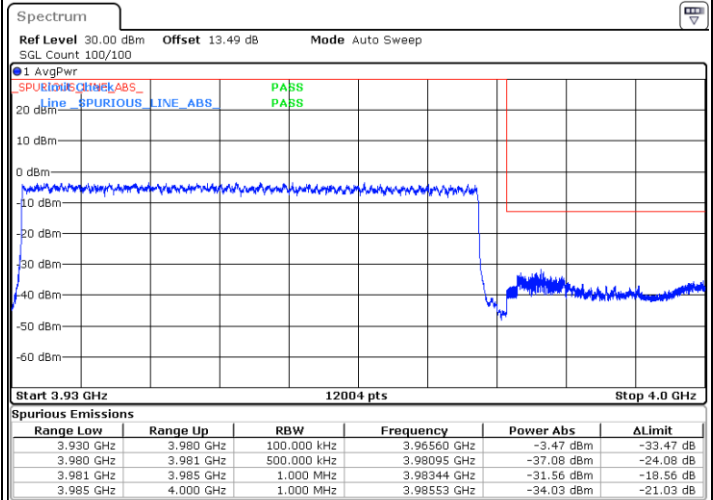
Highest Band Edge / 1RB24



Lowest Band Edge / Full RB



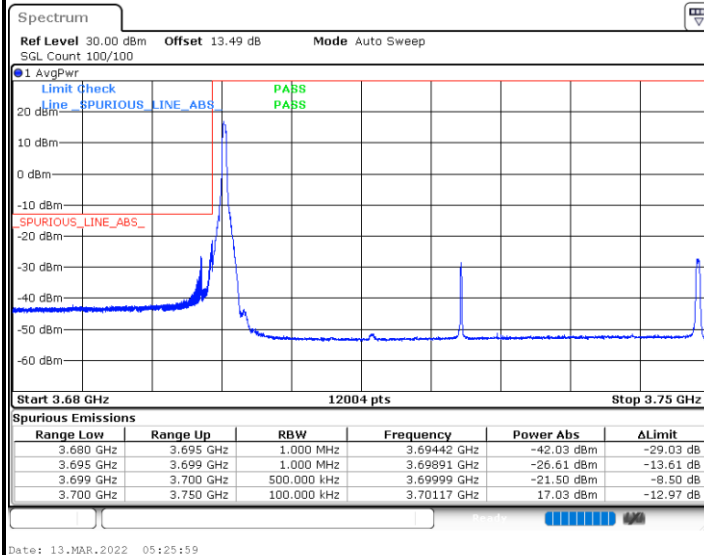
Highest Band Edge / Full RB



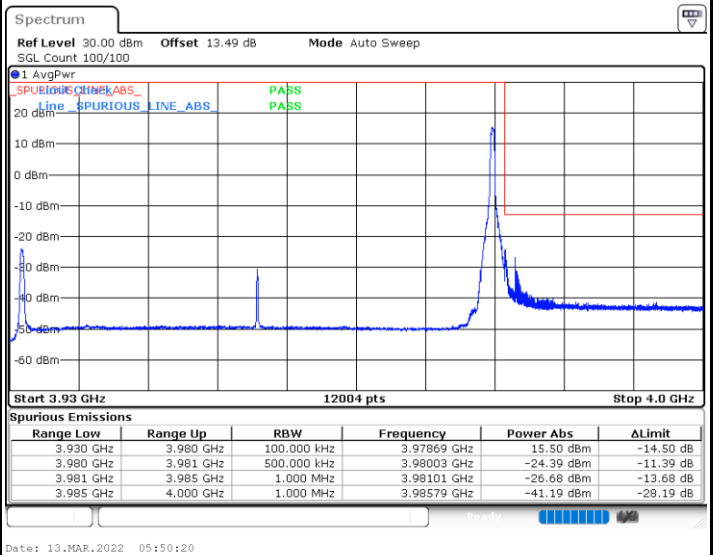


FR1 n77 / 50MHz / DFT-S OFDM / QPSK

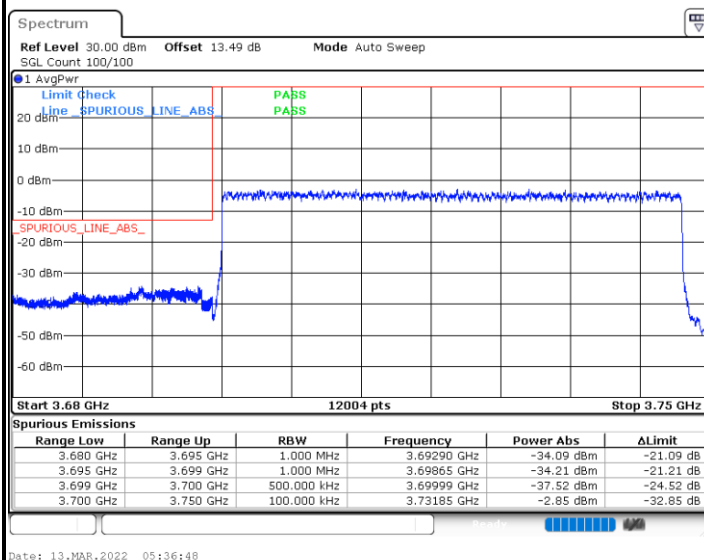
Lowest Band Edge / 1RB0



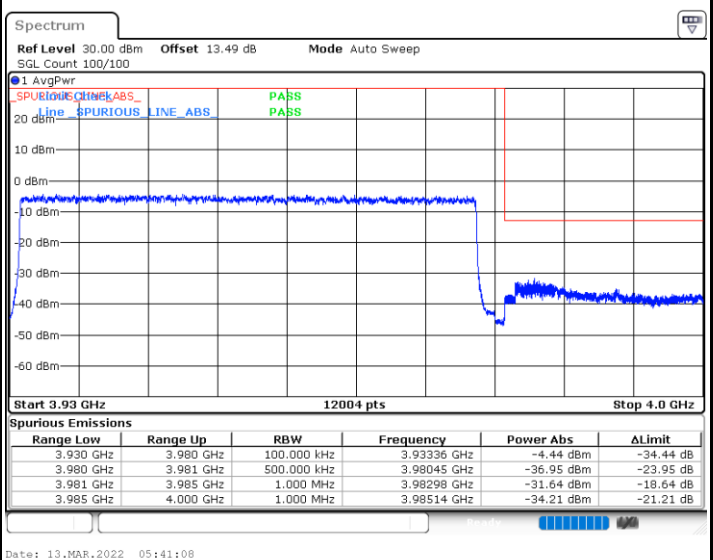
Highest Band Edge / 1RB24



Lowest Band Edge / Full RB



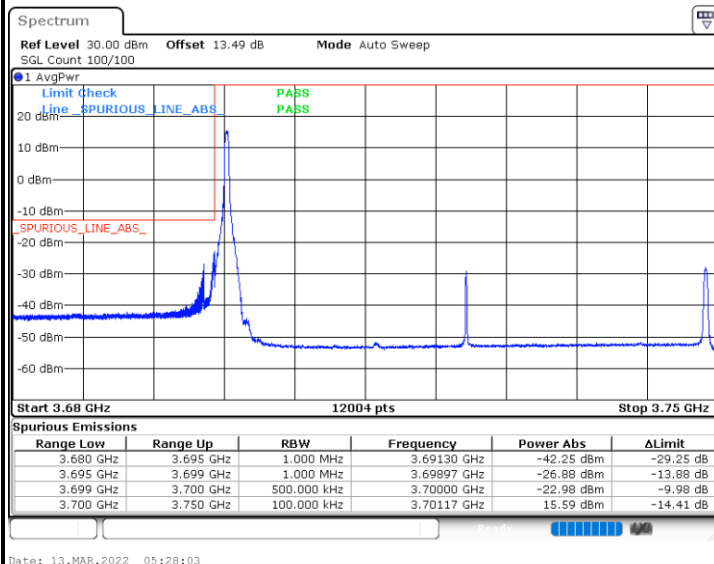
Highest Band Edge / Full RB



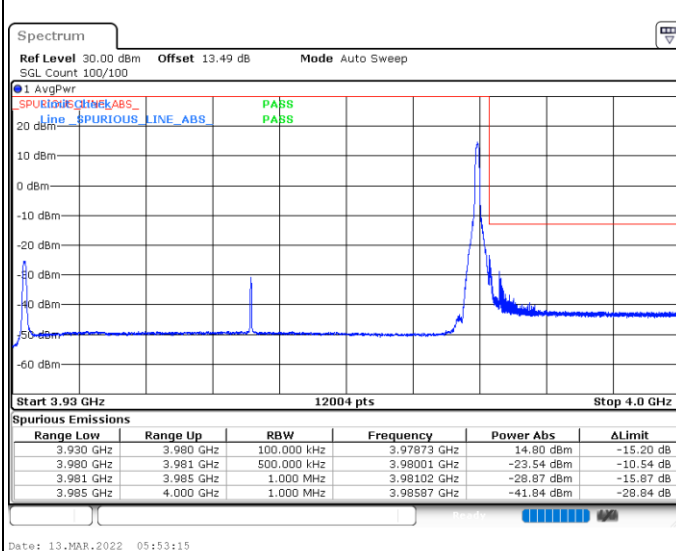


FR1 n77 / 50MHz / DFT-S OFDM / 16Q

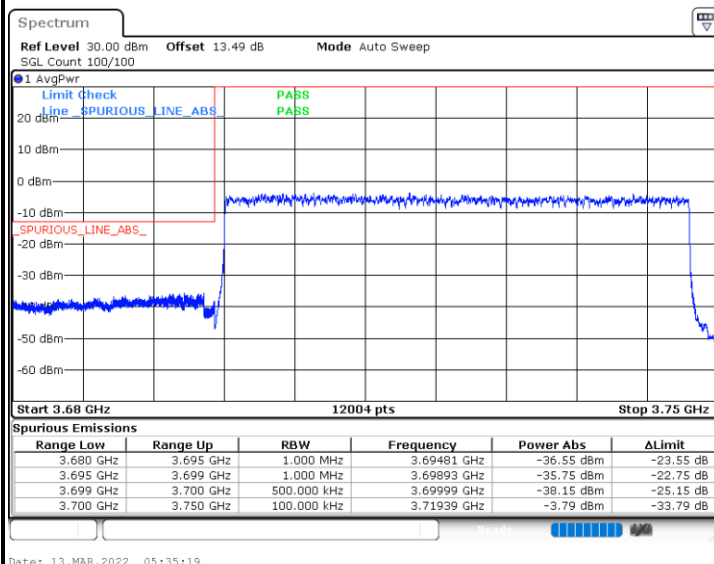
Lowest Band Edge / 1RB0



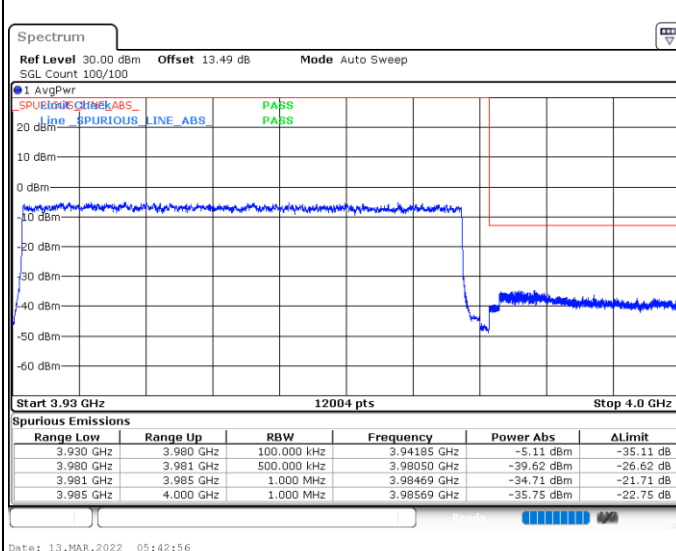
Highest Band Edge / 1RB24



Lowest Band Edge / Full RB



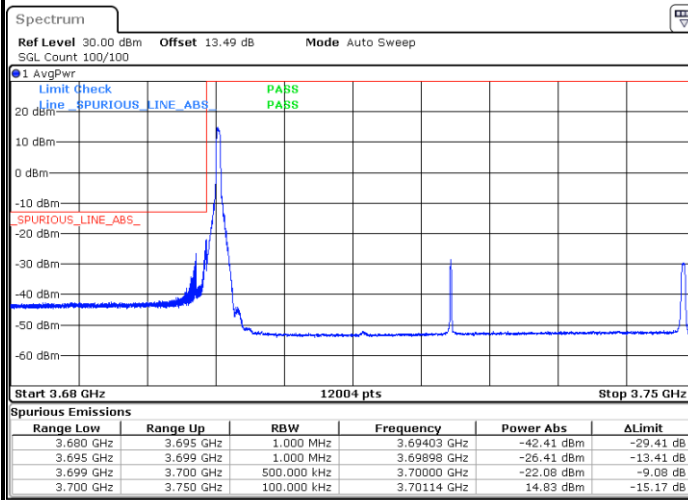
Highest Band Edge / Full RB



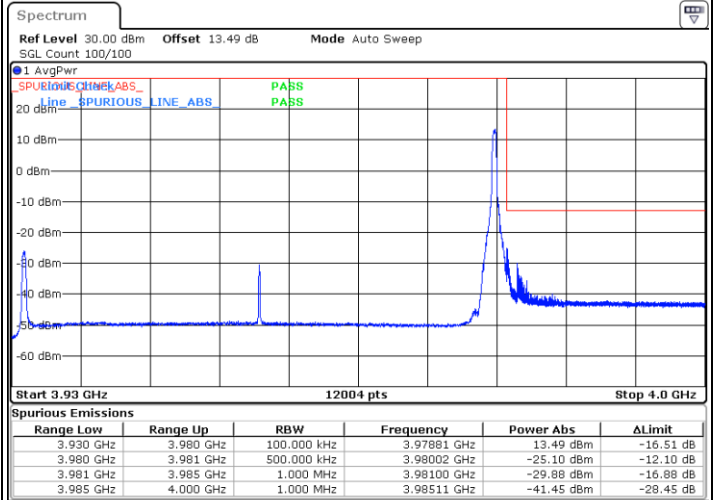


FR1 n77 / 50MHz / DFT-S OFDM / 64Q

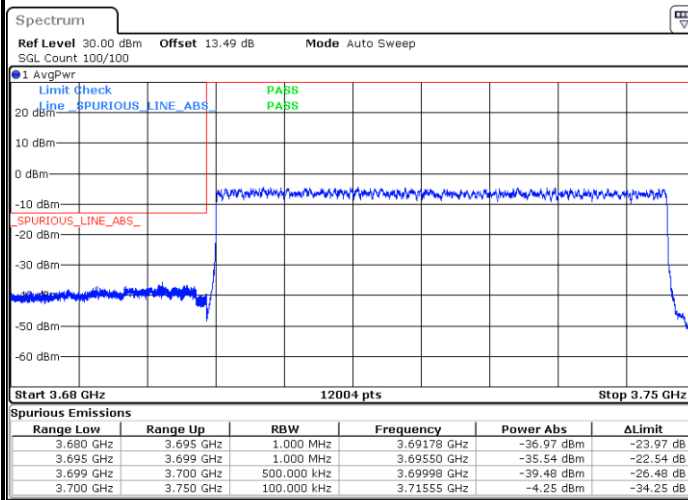
Lowest Band Edge / 1RB0



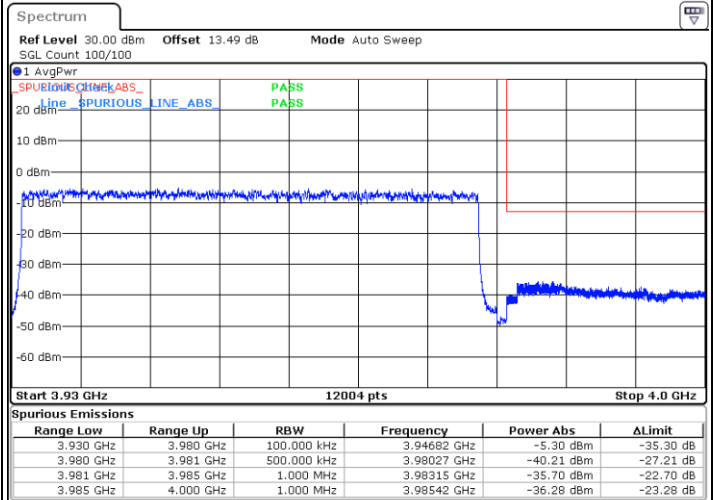
Highest Band Edge / 1RB24



Lowest Band Edge / Full RB



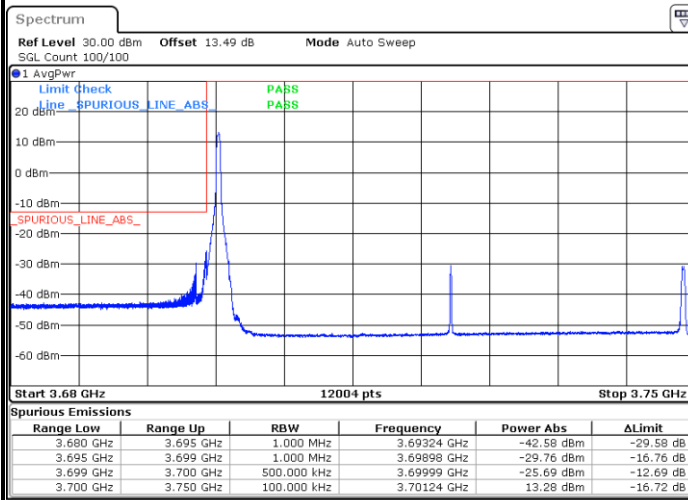
Highest Band Edge / Full RB



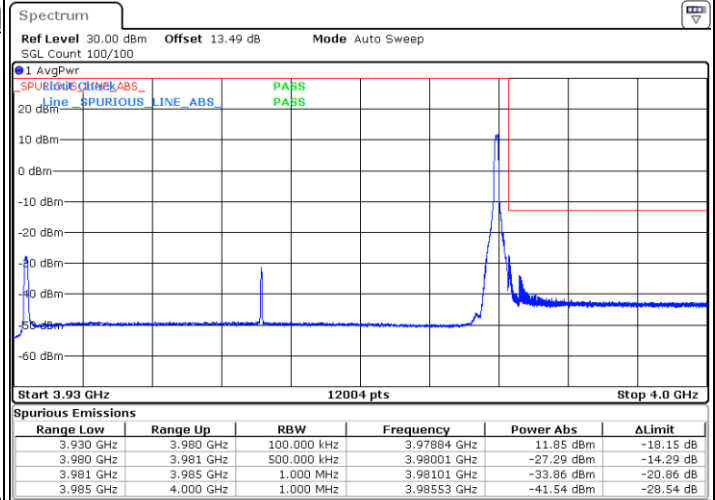


FR1 n77 / 50MHz / DFT-S OFDM / 256Q

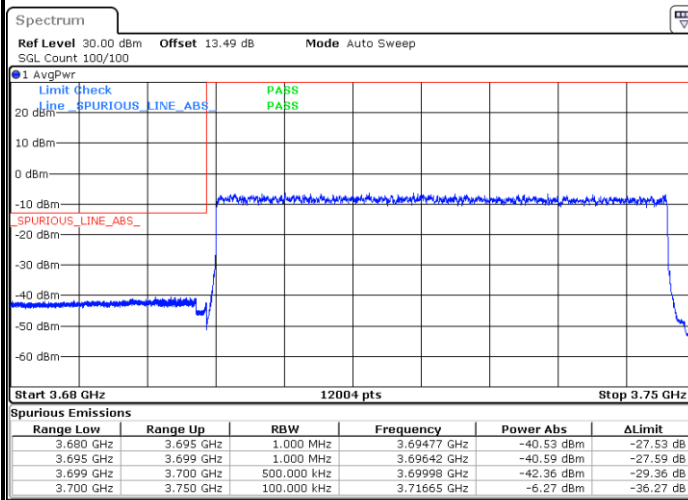
Lowest Band Edge / 1RB0



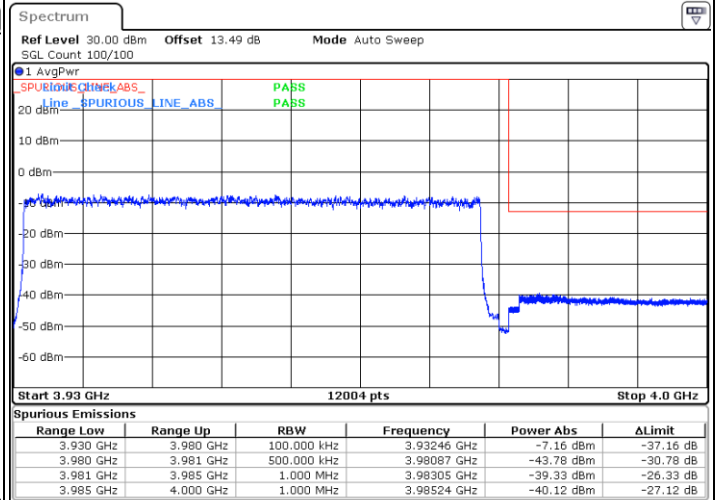
Highest Band Edge / 1RB24



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

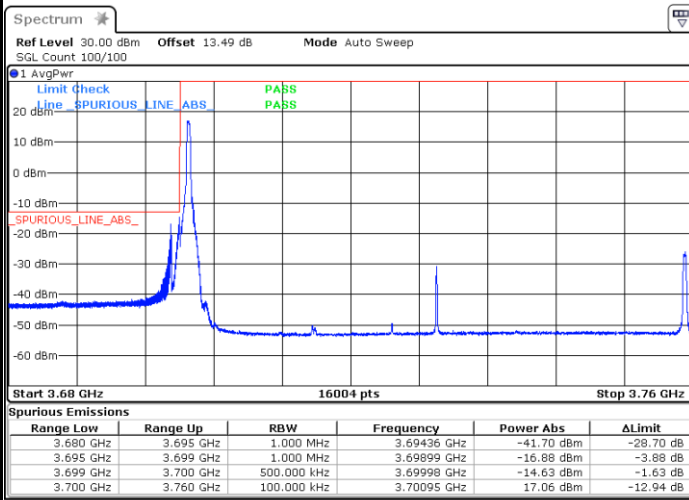




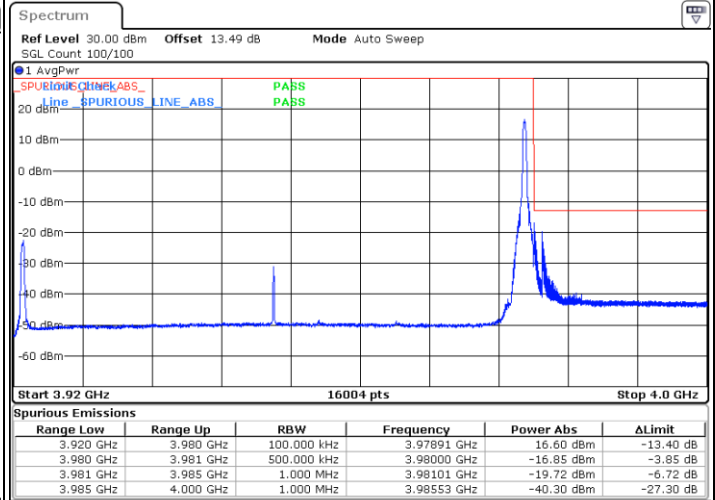
FR1 n77/ 60MHz / DFT-S OFDM / PI/2 BPSK

Lowest Band Edge / 1RB0

Highest Band Edge / 1RBmax



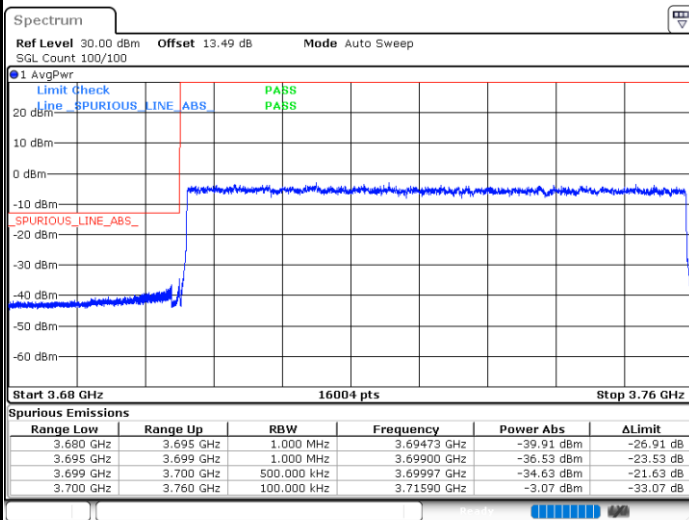
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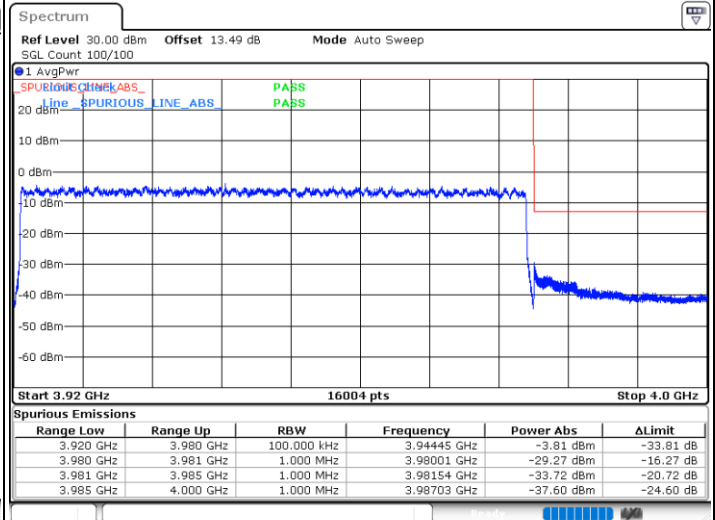
Date: 13.MAR.2022 06:34:33

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 13.MAR.2022 06:18:07



Date: 13.MAR.2022 06:22:38