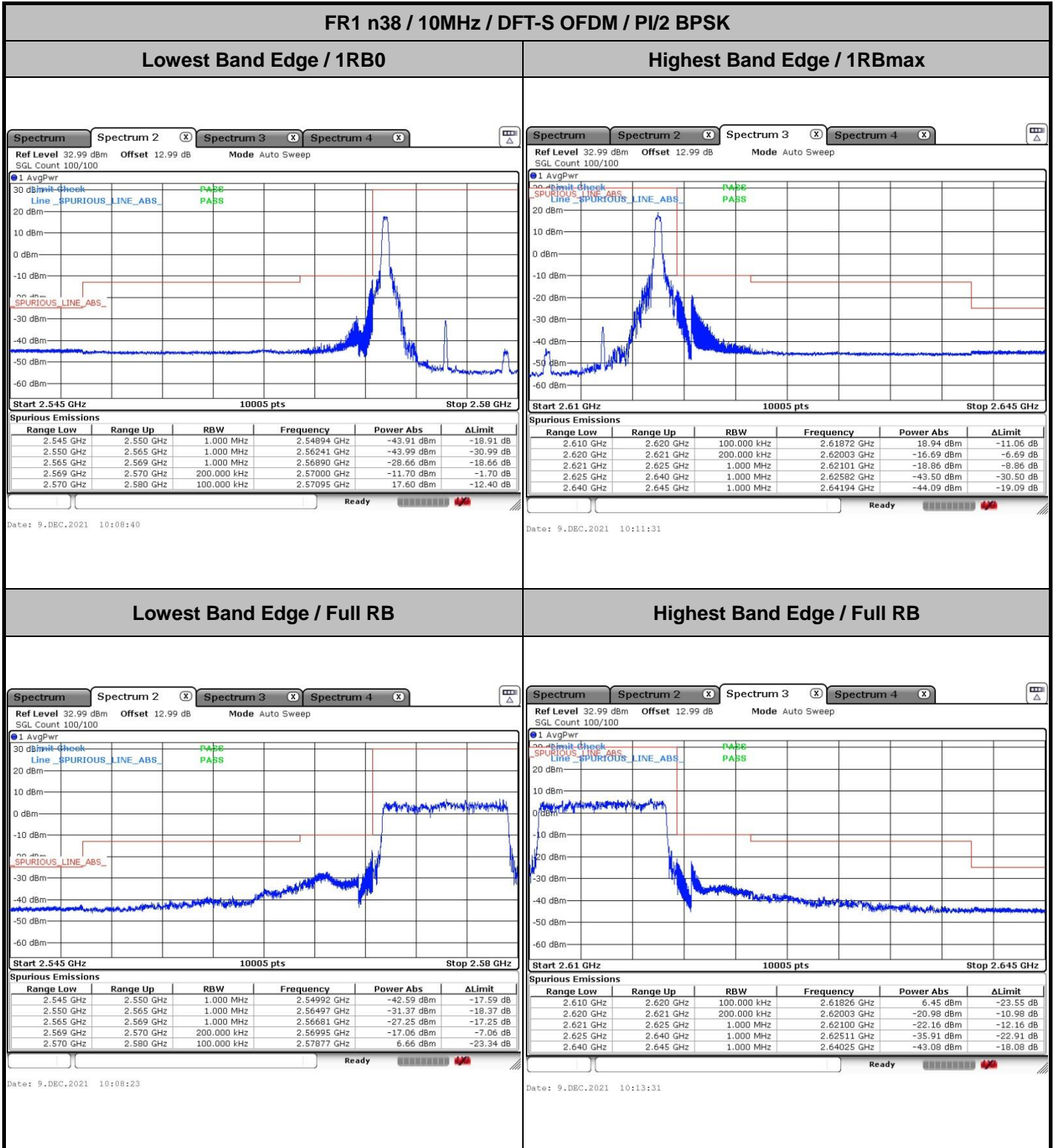




Conducted Band Edge

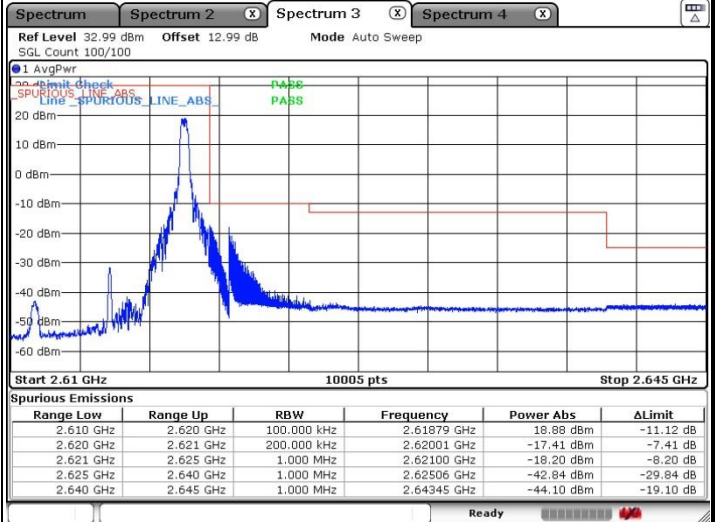
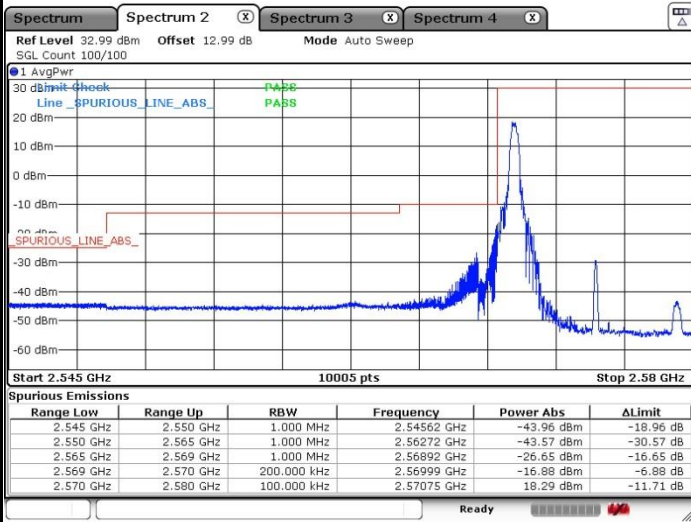




FR1 n38 / 10MHz / DFT-S OFDM / QPSK

Lowest Band Edge / 1RB0

Highest Band Edge / 1RBmax

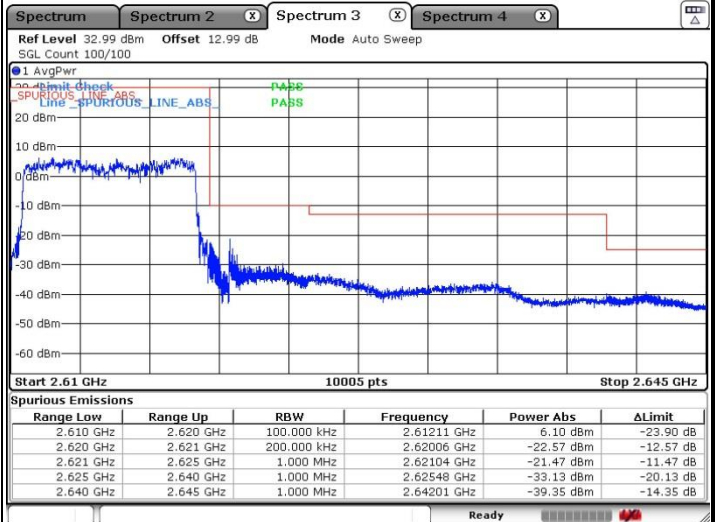
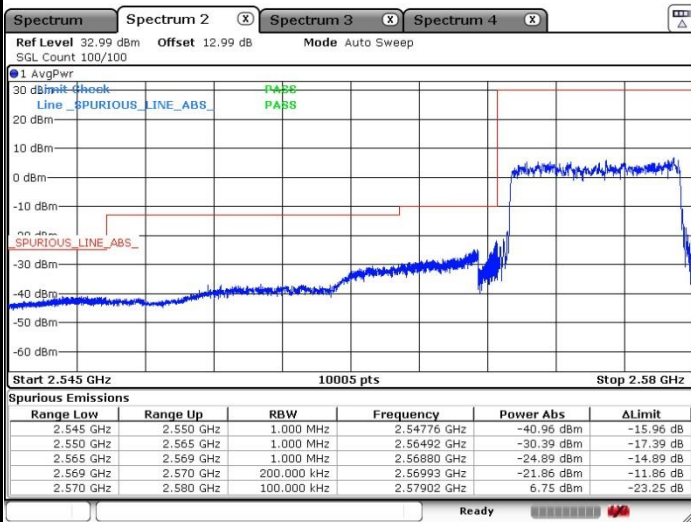


Date: 9.DEC.2021 10:04:01

Date: 9.DEC.2021 10:11:03

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 9.DEC.2021 10:08:03

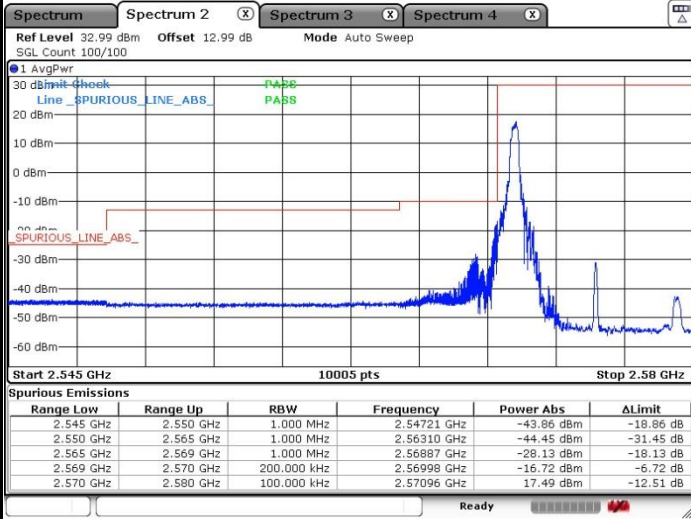
Date: 9.DEC.2021 10:13:13



FR1 n38 / 10MHz / DFT-S OFDM / 16QAM

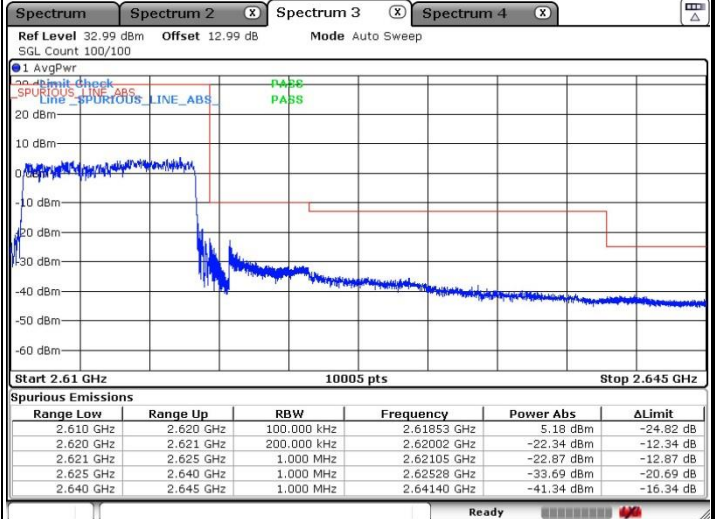
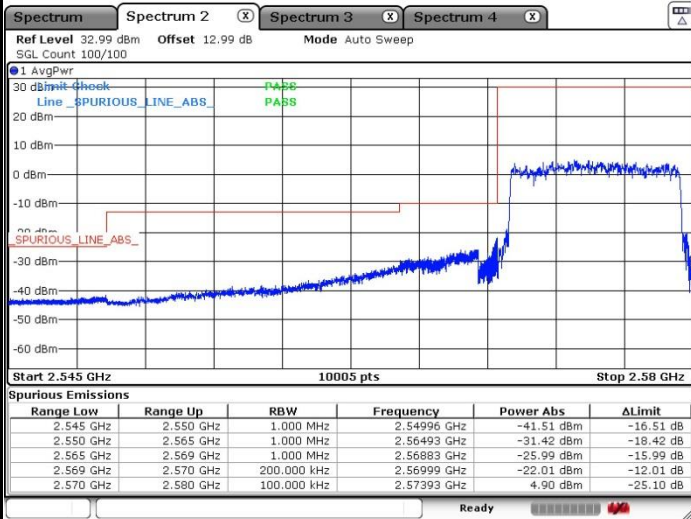
Lowest Band Edge / 1RB0

Highest Band Edge / 1RBmax



Lowest Band Edge / Full RB

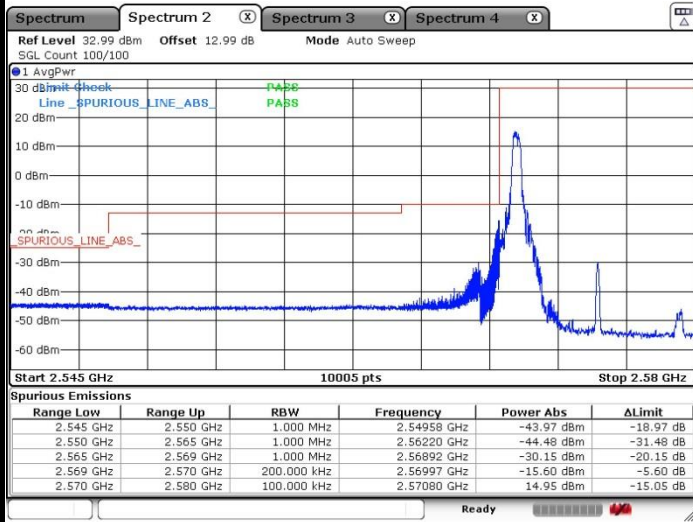
Highest Band Edge / Full RB



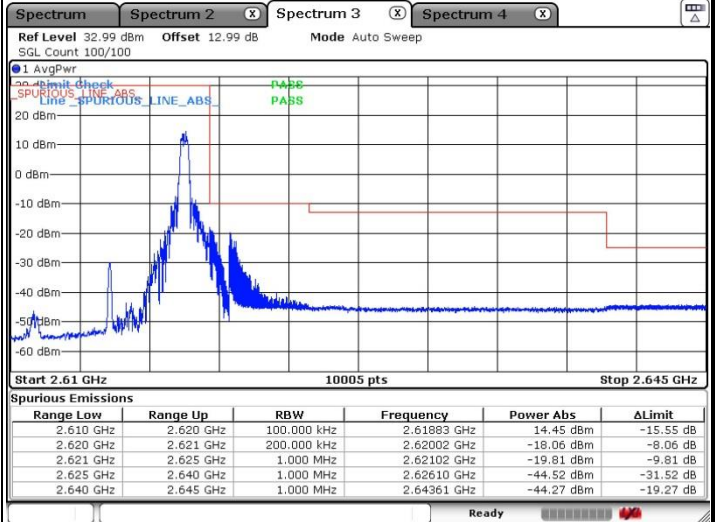


FR1 n38 / 10MHz / DFT-S OFDM / 64QAM

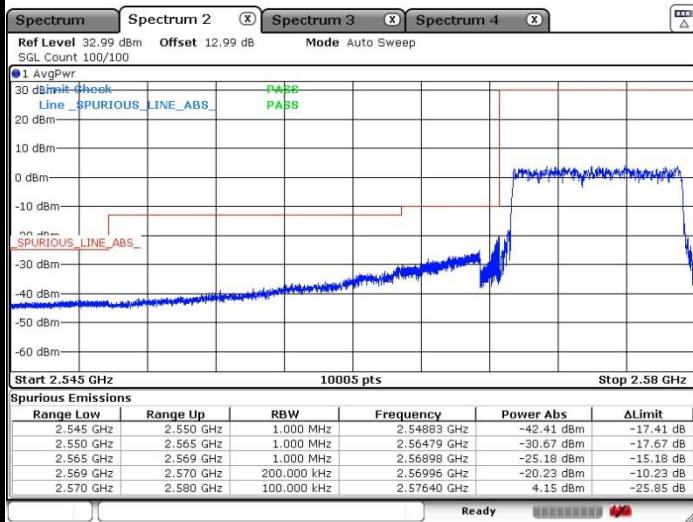
Lowest Band Edge / 1RB0



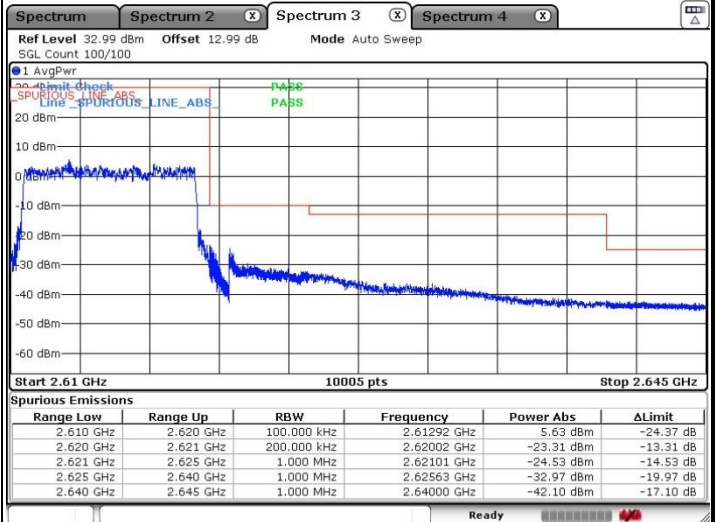
Highest Band Edge / 1RB24



Lowest Band Edge / Full RB



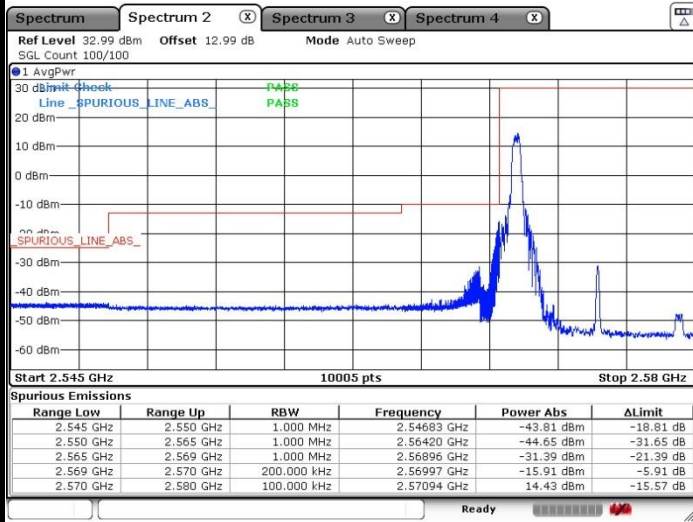
Highest Band Edge / Full RB



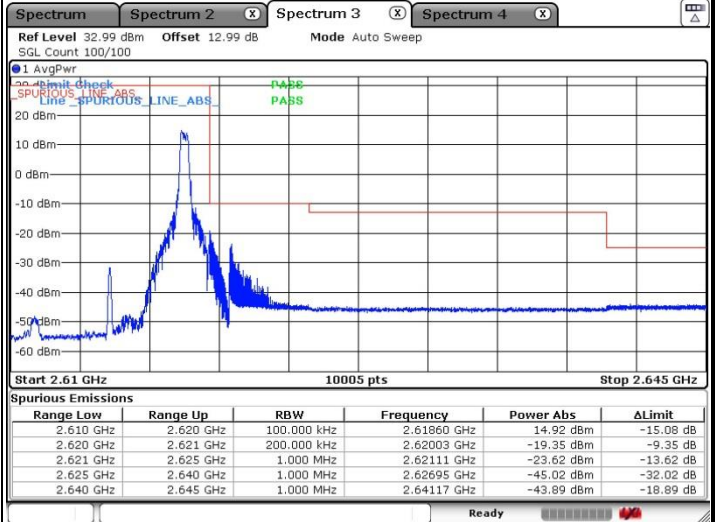


FR1 n38 / 10MHz / DFT-S OFDM / 256QAM

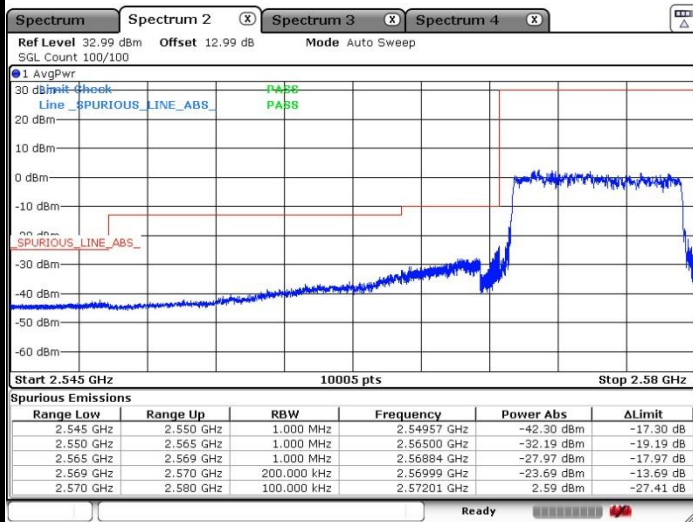
Lowest Band Edge / 1RB0



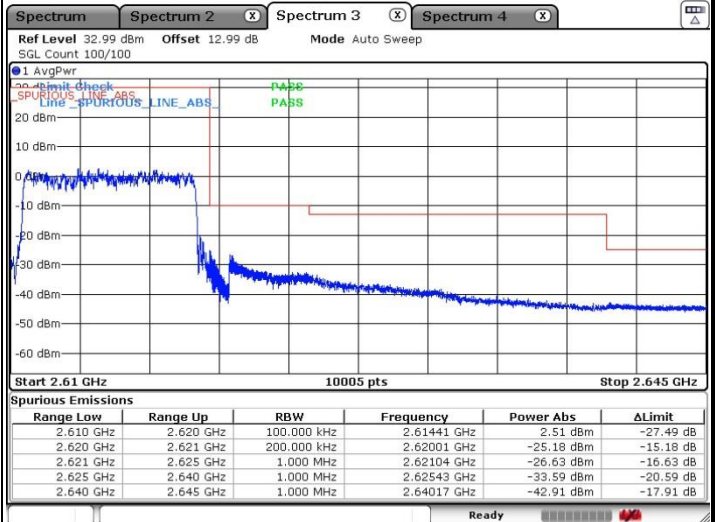
Highest Band Edge / 1RB24



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

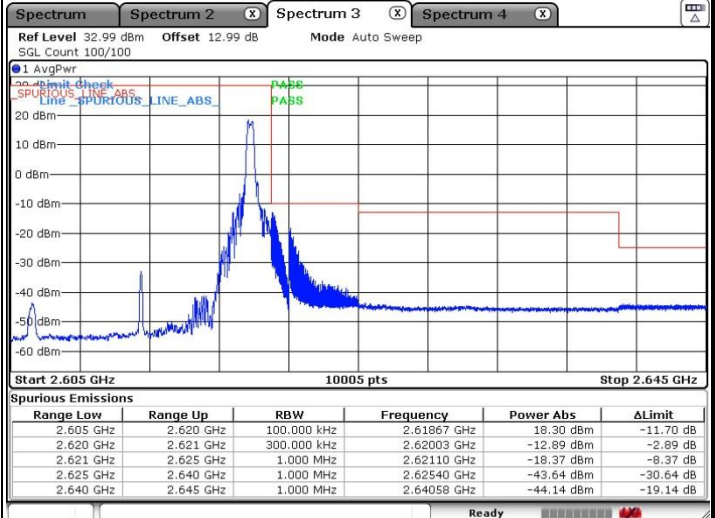
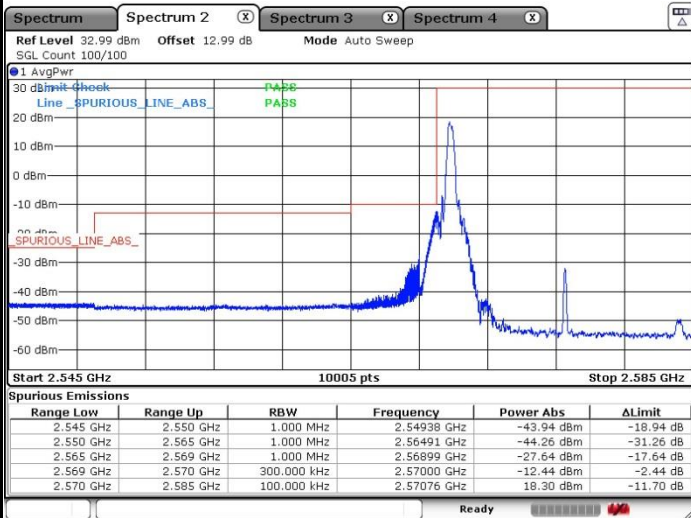




FR1 n38 / 15MHz / DFT-S OFDM / PI/2 BPSK

Lowest Band Edge / 1RB0

Highest Band Edge / 1RBmax

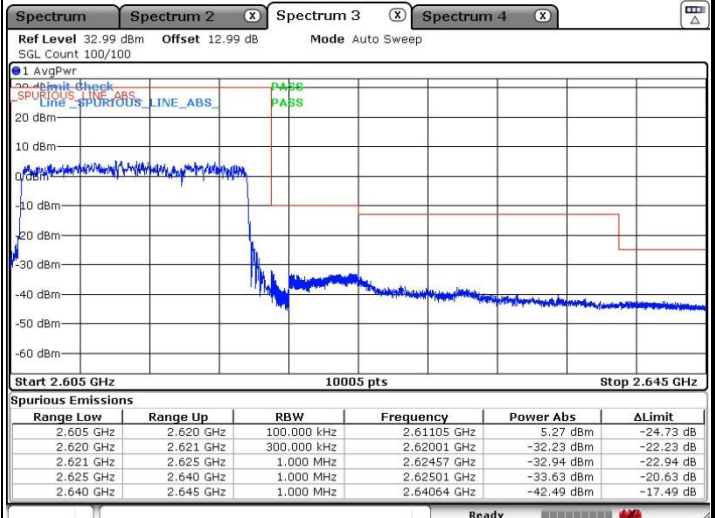
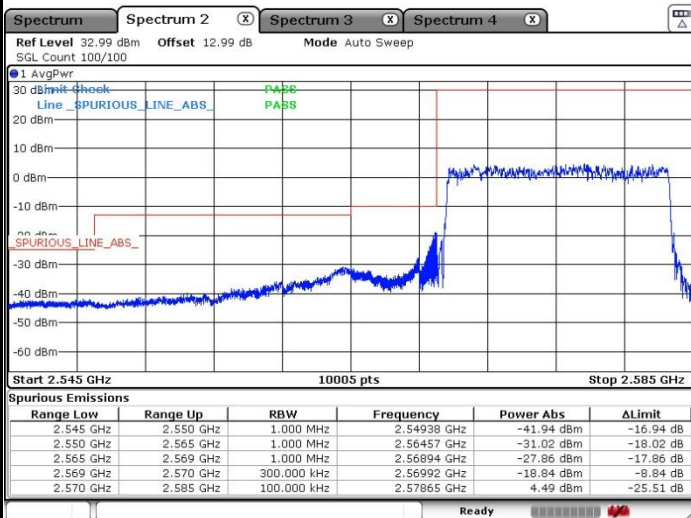


Date: 9.DEC.2021 11:47:54

Date: 9.DEC.2021 11:54:01

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 9.DEC.2021 11:47:20

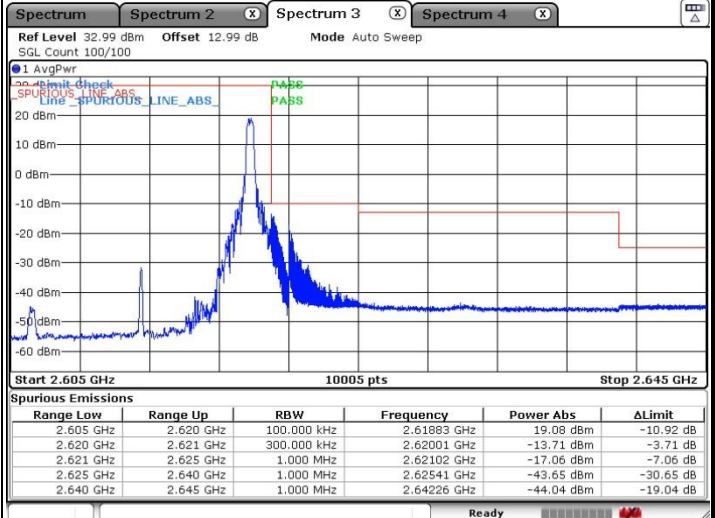
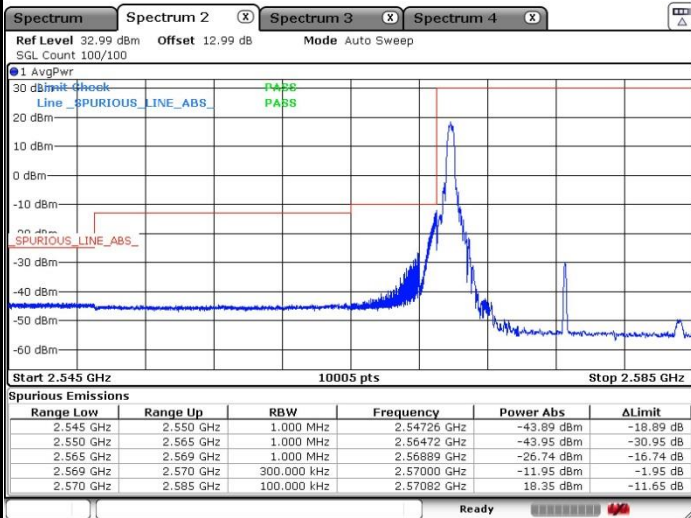
Date: 9.DEC.2021 11:51:00



FR1 n38 / 15MHz / DFT-S OFDM / QPSK

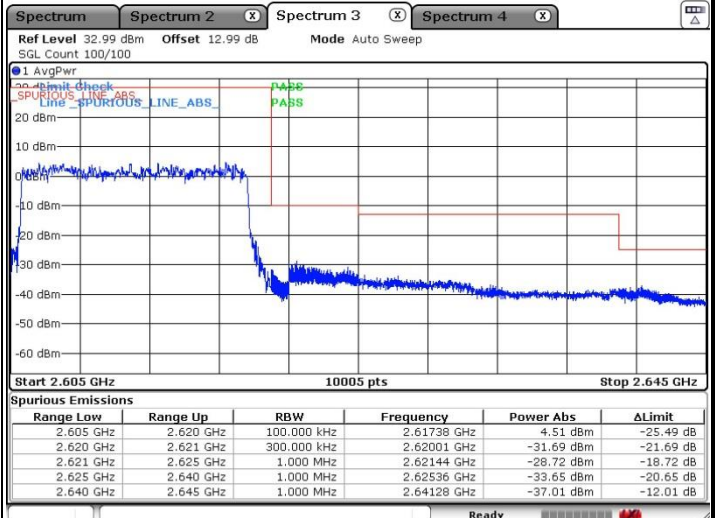
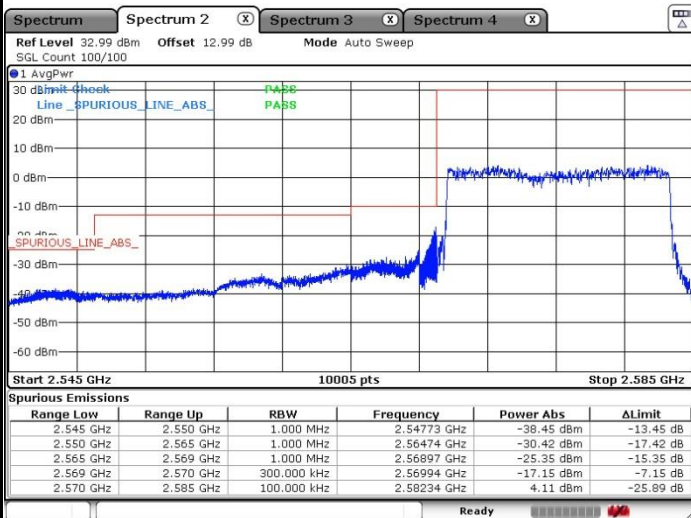
Lowest Band Edge / 1RB0

Highest Band Edge / 1RBmax



Lowest Band Edge / Full RB

Highest Band Edge / Full RB

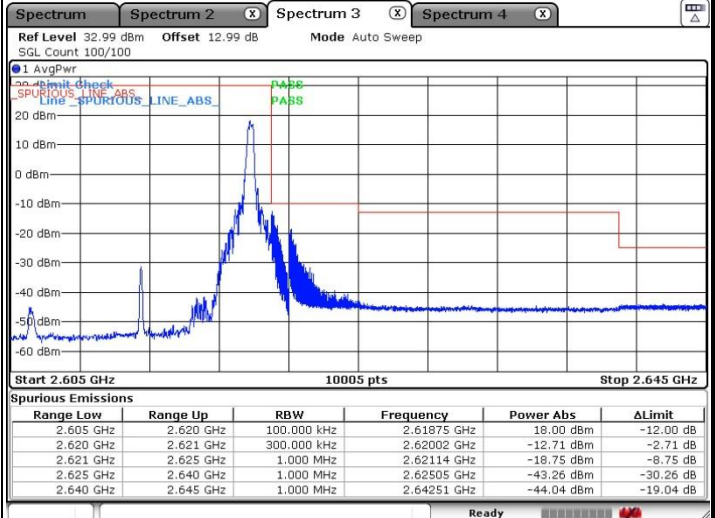
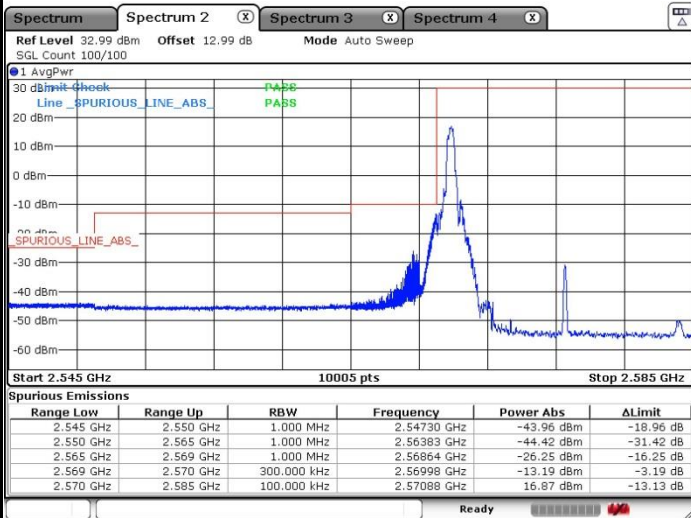




FR1 n38 / 15MHz / DFT-S OFDM / 16QAM

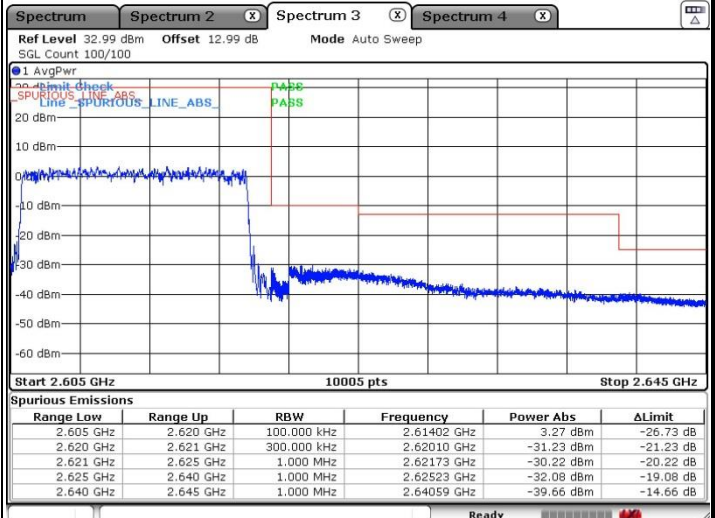
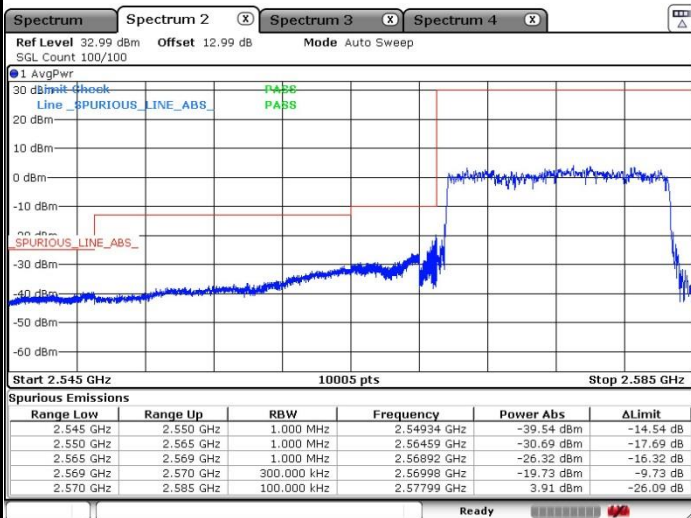
Lowest Band Edge / 1RB0

Highest Band Edge / 1RBmax



Lowest Band Edge / Full RB

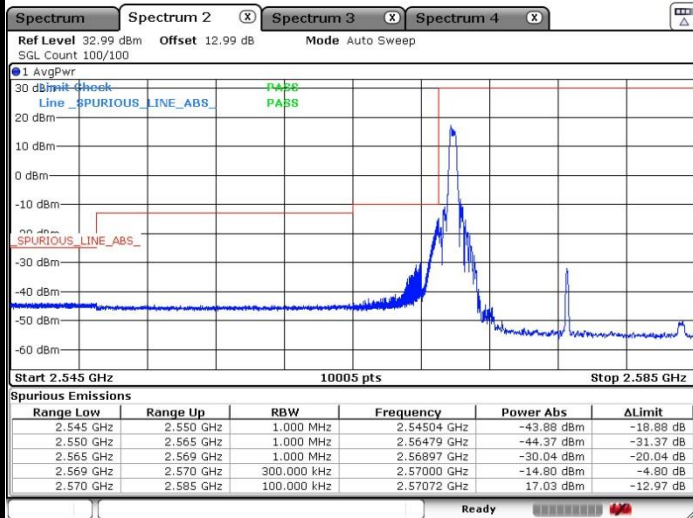
Highest Band Edge / Full RB



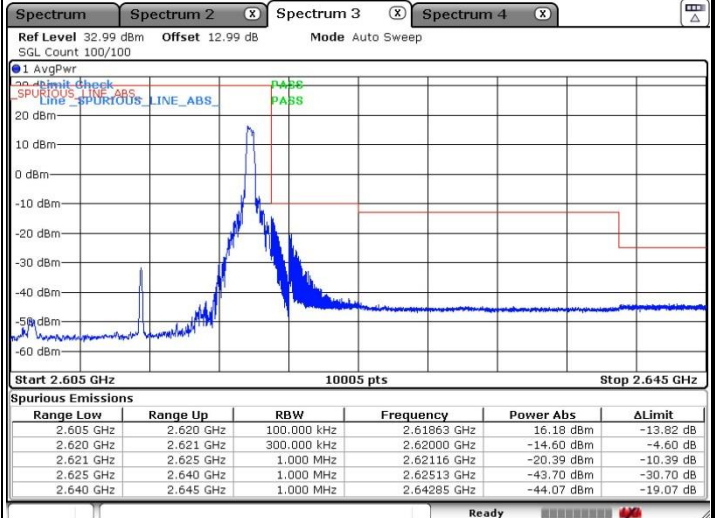


FR1 n38 / 15MHz / DFT-S OFDM / 64QAM

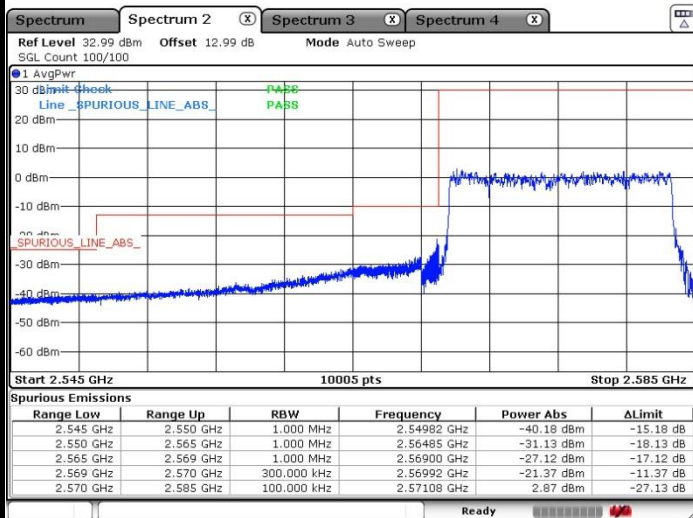
Lowest Band Edge / 1RB0



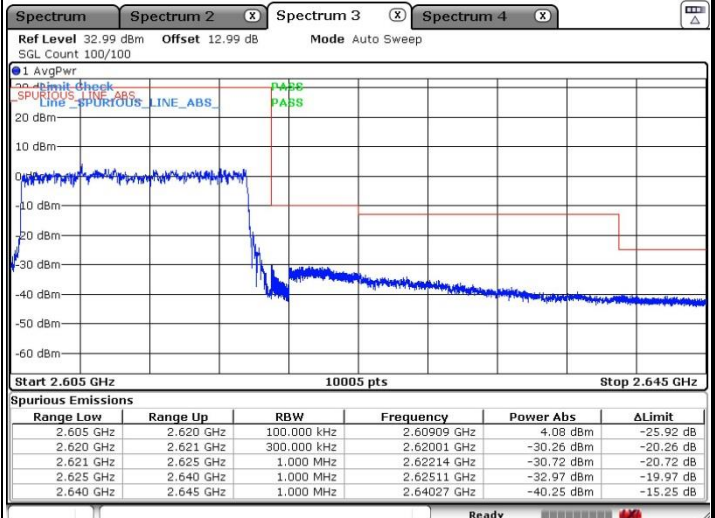
Highest Band Edge / 1RB24



Lowest Band Edge / Full RB



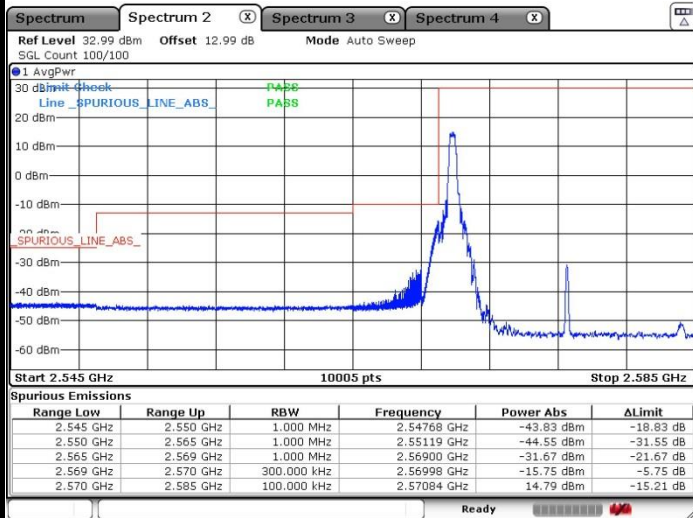
Highest Band Edge / Full RB





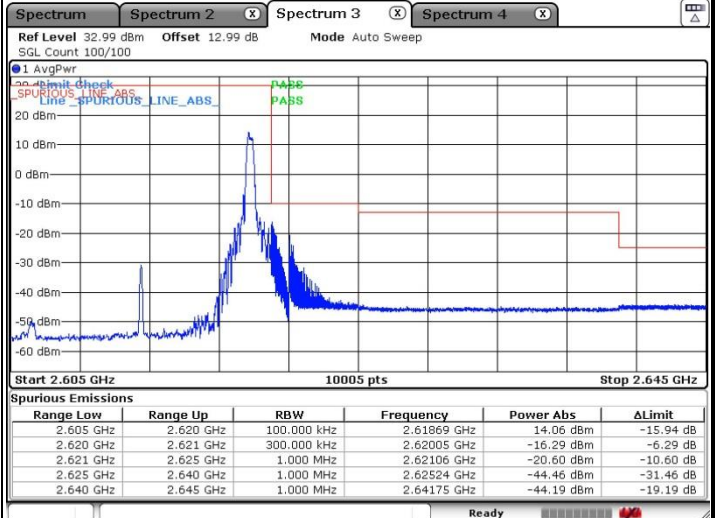
FR1 n38 / 15MHz / DFT-S OFDM / 256QAM

Lowest Band Edge / 1RB0



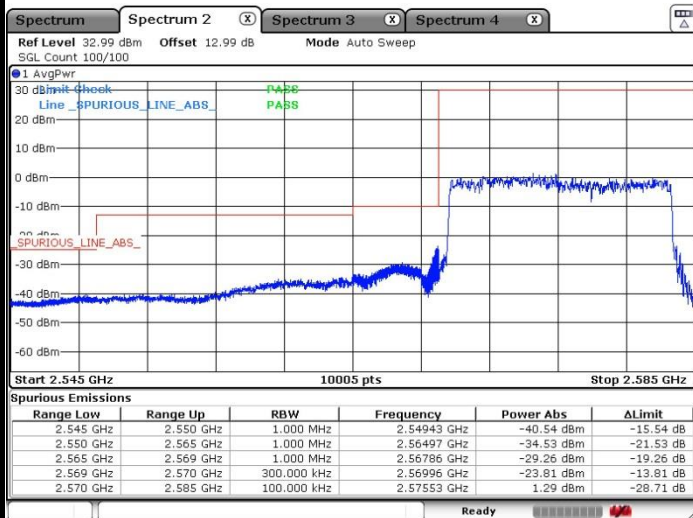
Date: 9.DEC.2021 11:45:19

Highest Band Edge / 1RB24



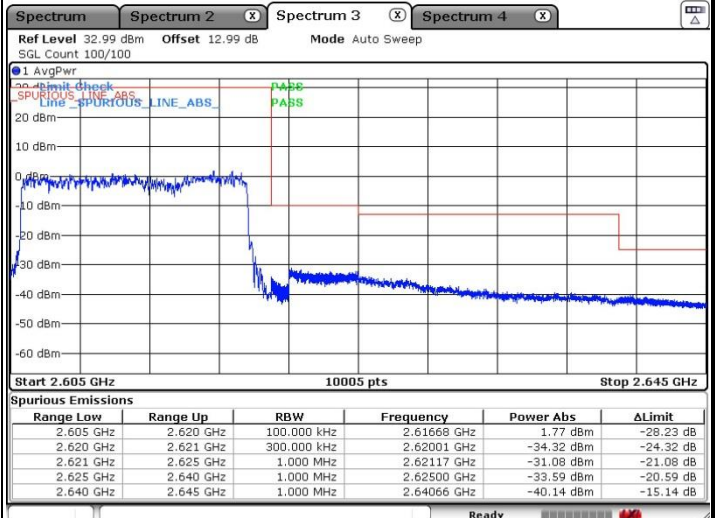
Date: 9.DEC.2021 11:54:22

Lowest Band Edge / Full RB



Date: 9.DEC.2021 11:46:01

Highest Band Edge / Full RB



Date: 9.DEC.2021 11:54:44

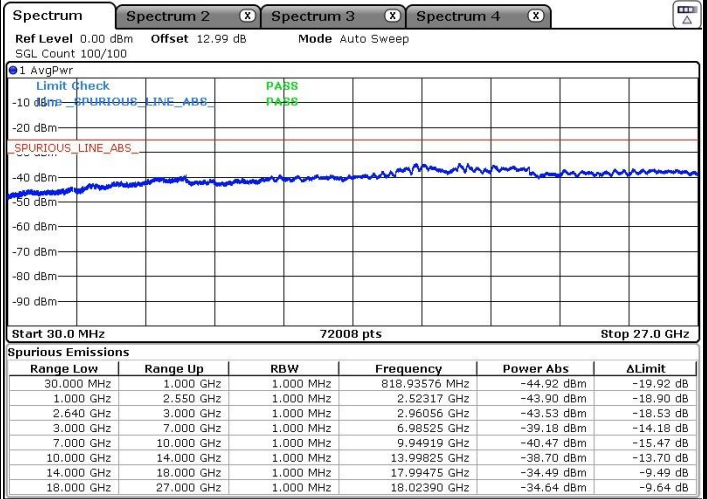
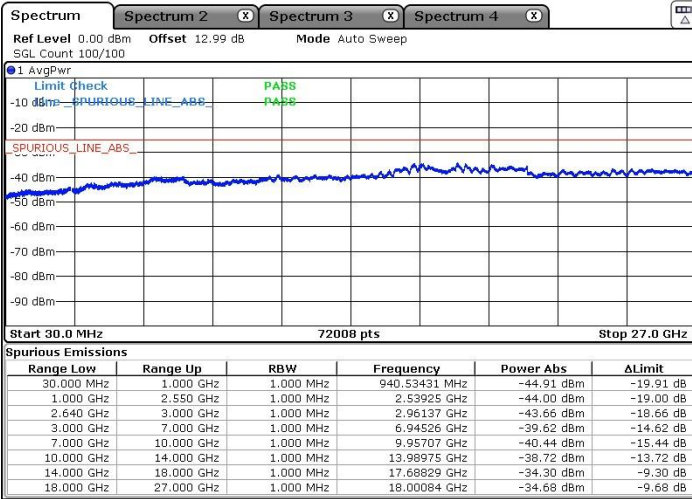


Conducted Spurious Emission

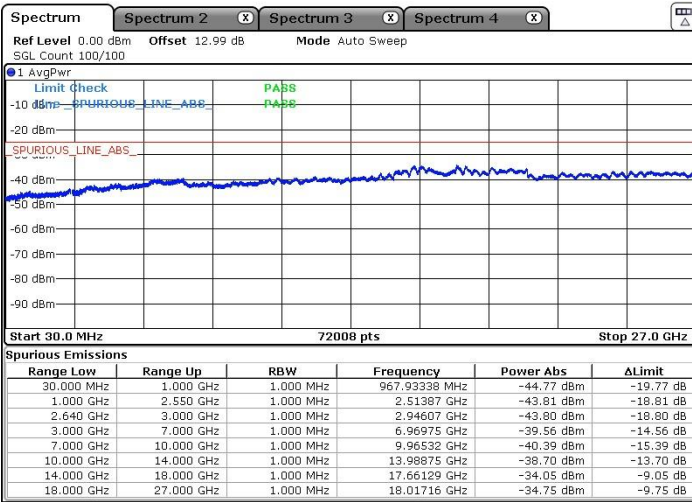
FR1 n38 / 10MHz / DFT-S OFDM / QPSK

Lowest Channel / 1RB1

Middle Channel / 1RB1



Highest Channel / 1RB1

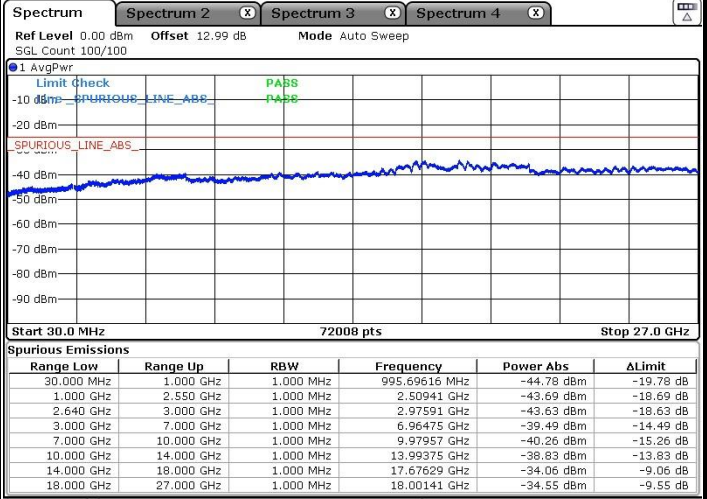
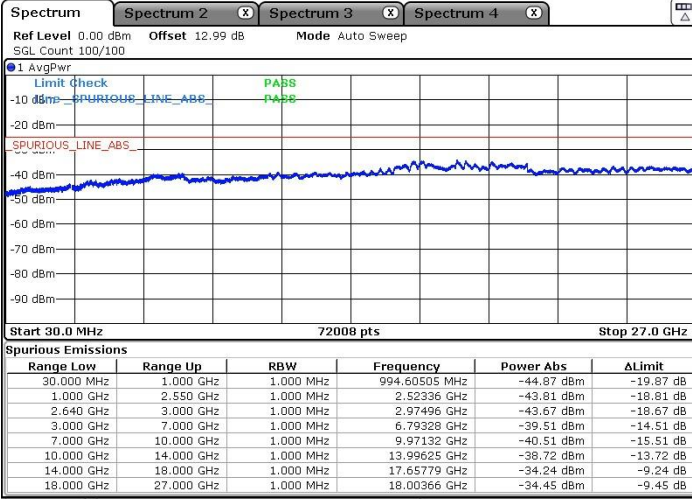




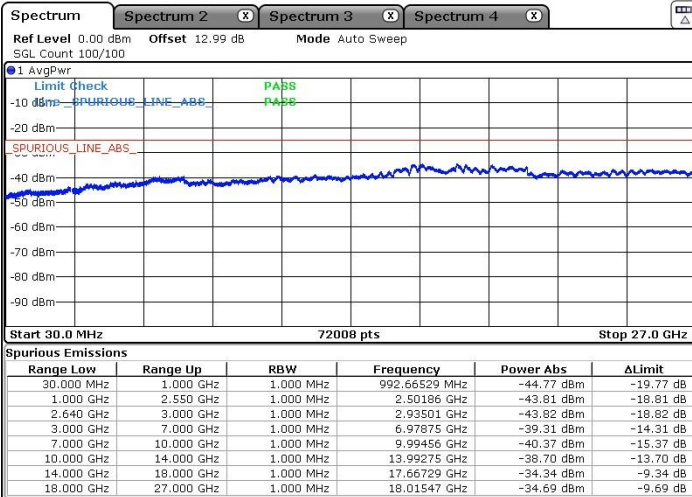
FR1 n38 / 15MHz / DFT-S OFDM / QPSK

Lowest Channel / 1RB1

Middle Channel / 1RB1



Highest Channel / 1RB1





Frequency Stability

Test Conditions		FR1 n38 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 20MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0004	PASS
40	Normal Voltage	0.0022	
30	Normal Voltage	0.0018	
20(Ref.)	Normal Voltage	0.0026	
10	Normal Voltage	0.0005	
0	Normal Voltage	0.0025	
-10	Normal Voltage	0.0011	
-20	Normal Voltage	0.0003	
-30	Normal Voltage	0.0014	
20	Maximum Voltage	0.0027	
20	Normal Voltage	0.0004	
20	Battery End Point	0.0036	

Note:

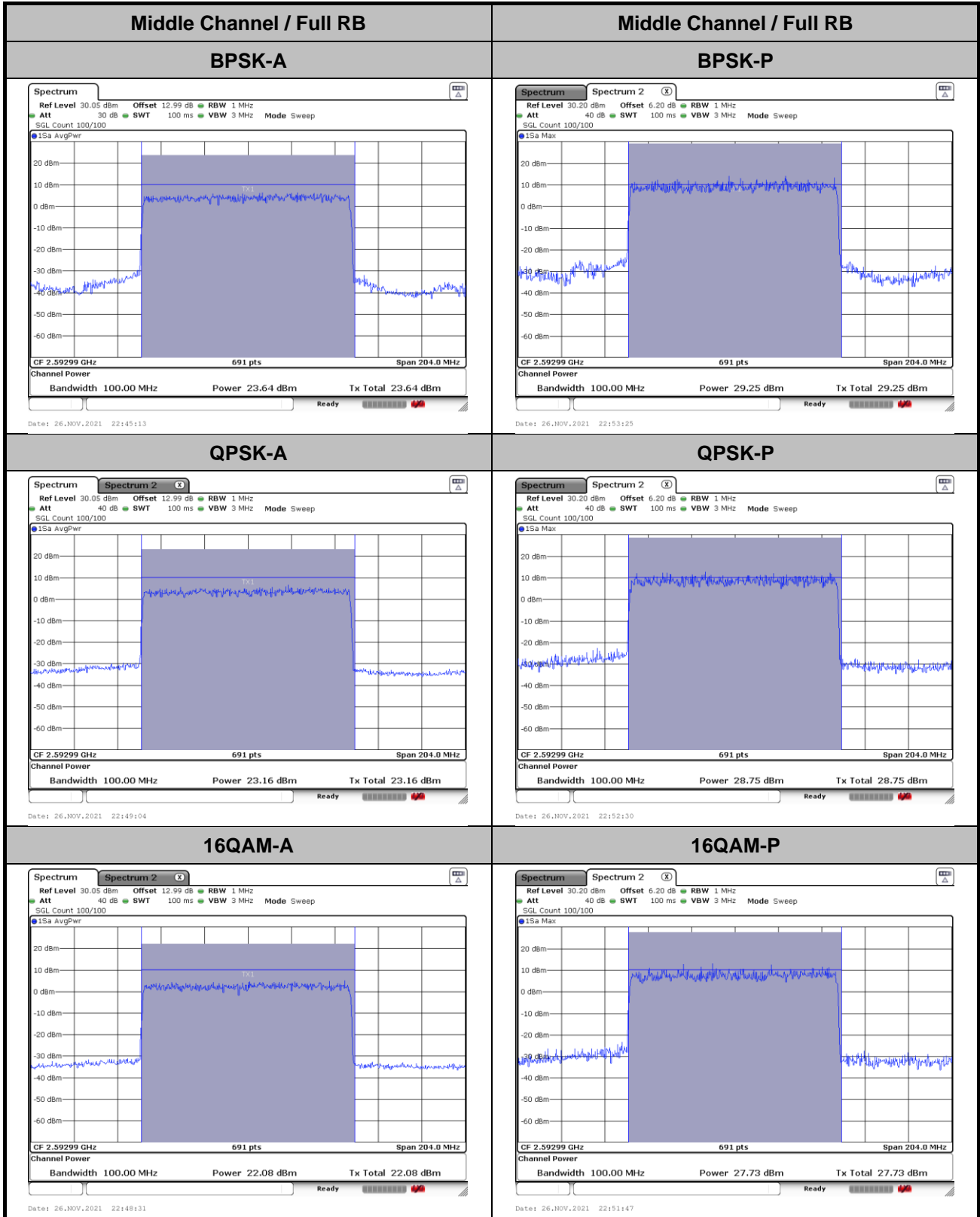
1. Normal Voltage =3.87 V. ; Battery End Point (BEP) =3.6 V. ; Maximum Voltage =4.45 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.

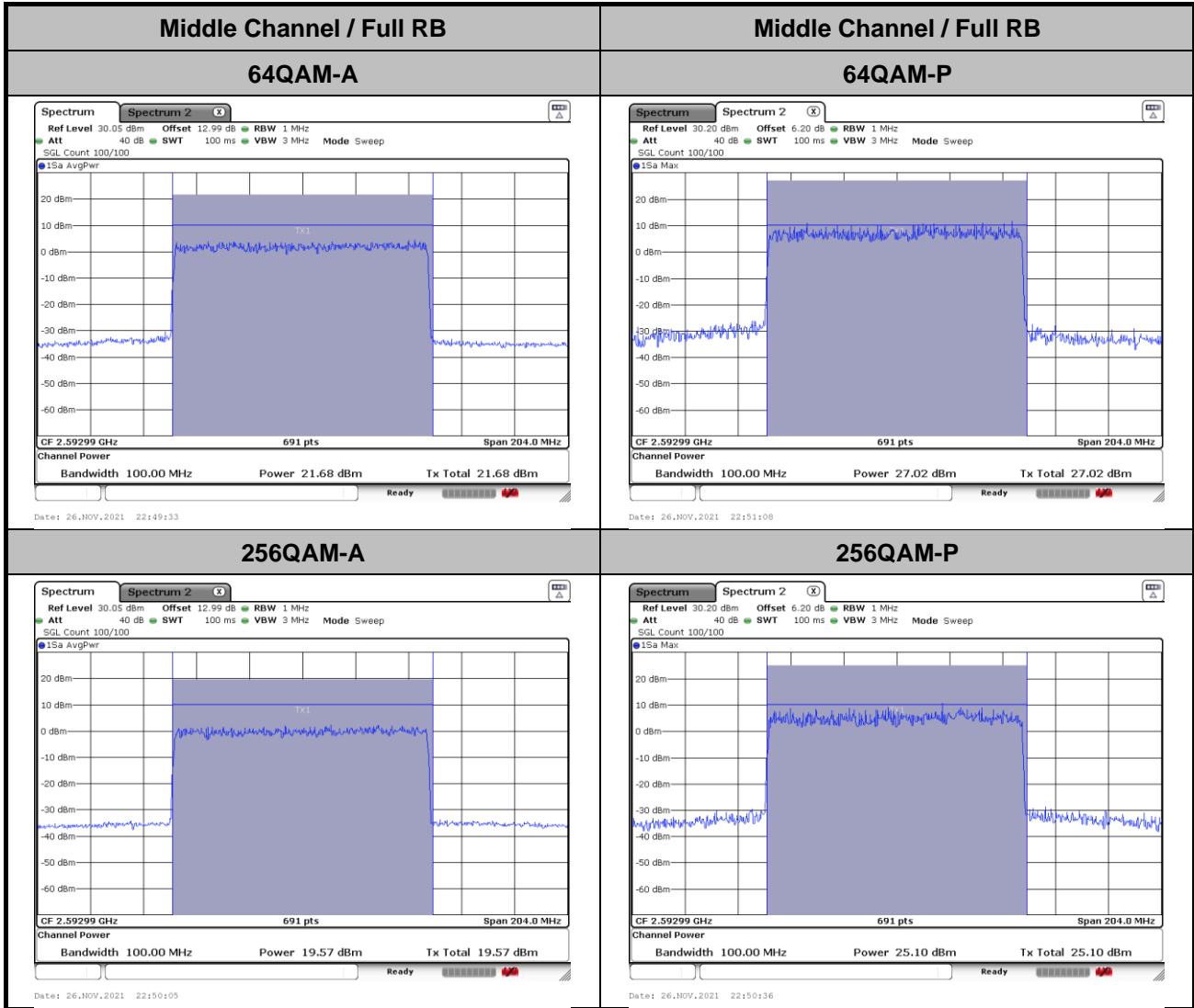


FR1 n41

Peak-to-Average Ratio

Mode	FR1 n41 / 40MHz / DFT-S OFDM				
Mod.	40M				Limit: 13dB
RB Size	BPSK	QPSK	16QAM	64QAM	Result
Middle CH	5.61	5.59	5.65	5.34	PASS
RB Size	256QAM				
Middle CH	5.53				

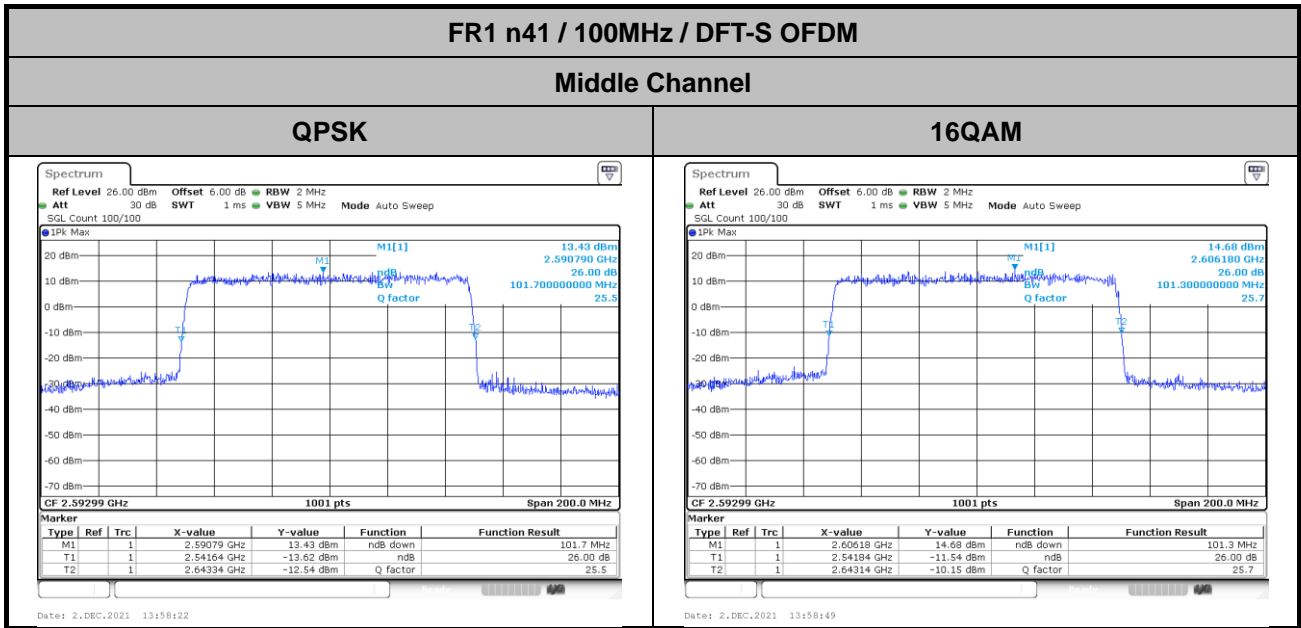






26dB Bandwidth

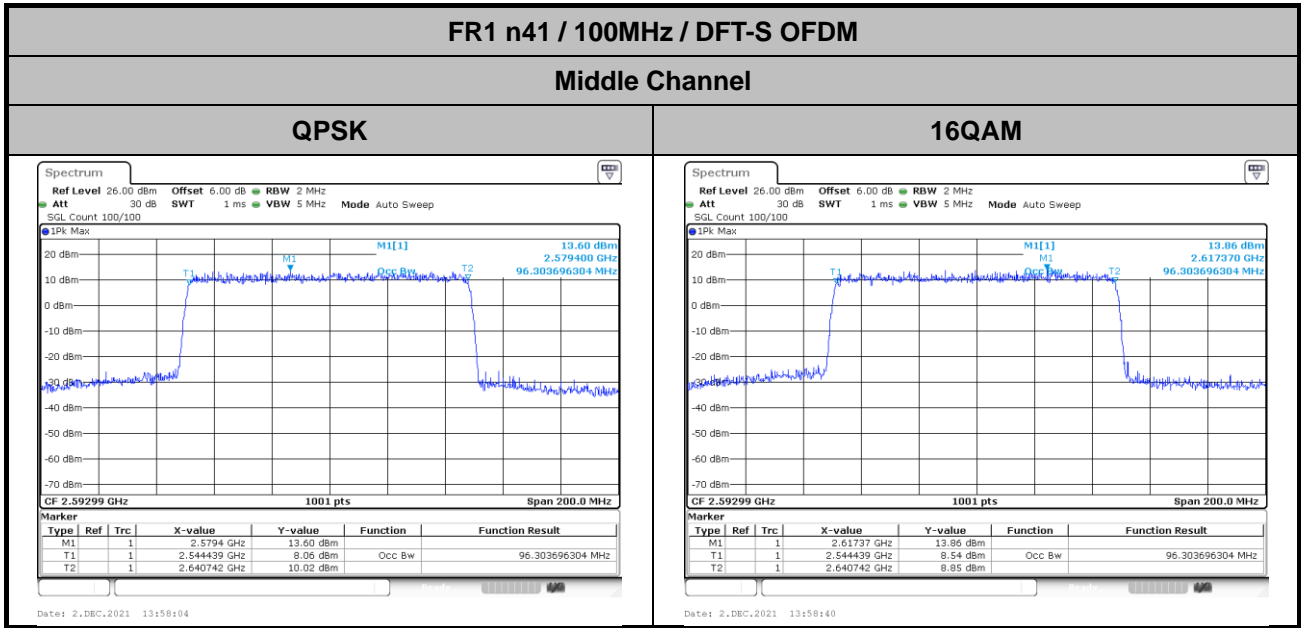
Mode	FR1 n41 : 26dB BW(MHz) / DFT-S OFDM	
BW	100M	
Mod.	QPSK	16QAM
Middle CH	101.7	101.3





Occupied Bandwidth

Mode	FR1 n41 : OB BW(MHz) / DFT-S OFDM	
BW	100M	
Mod.	QPSK	16QAM
Middle CH	96.30	96.30

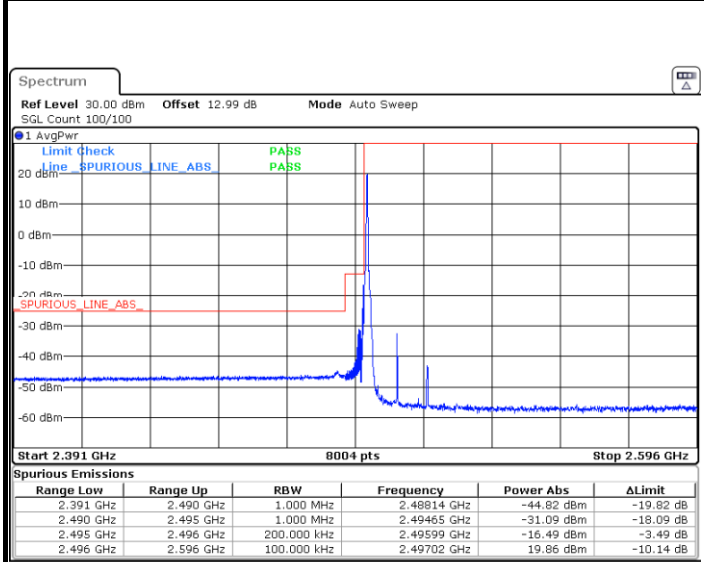




Conducted Band Edge

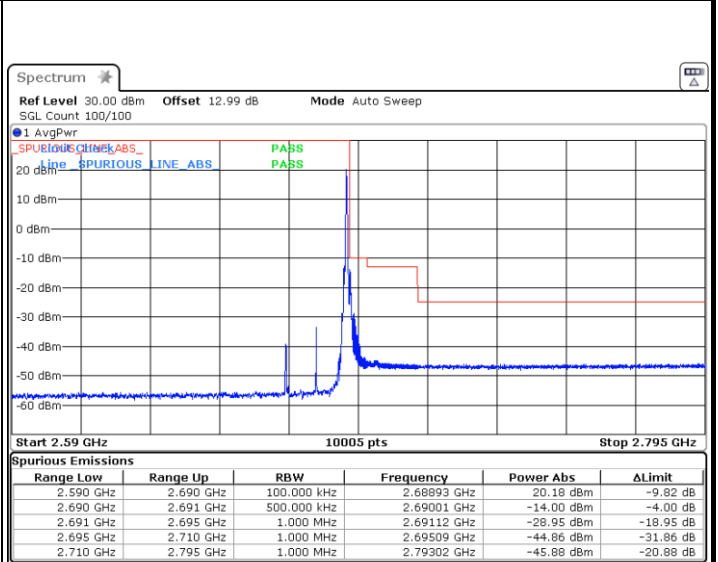
FR1 n41 / 20MHz / DFT-S OFDM / PI/2 BPSK

Lowest Band Edge / 1RB0



Date: 26.NOV.2021 18:47:34

Highest Band Edge / 1RBmax



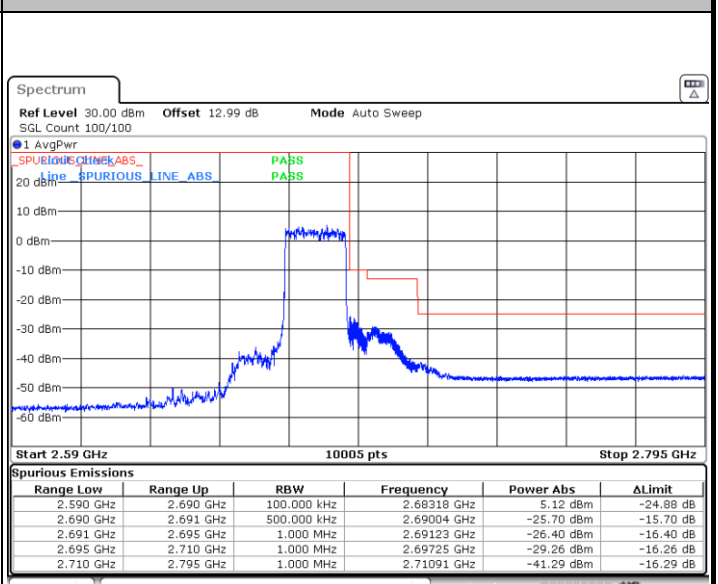
Date: 26.NOV.2021 18:53:28

Lowest Band Edge / Full RB



Date: 26.NOV.2021 18:47:11

Highest Band Edge / Full RB



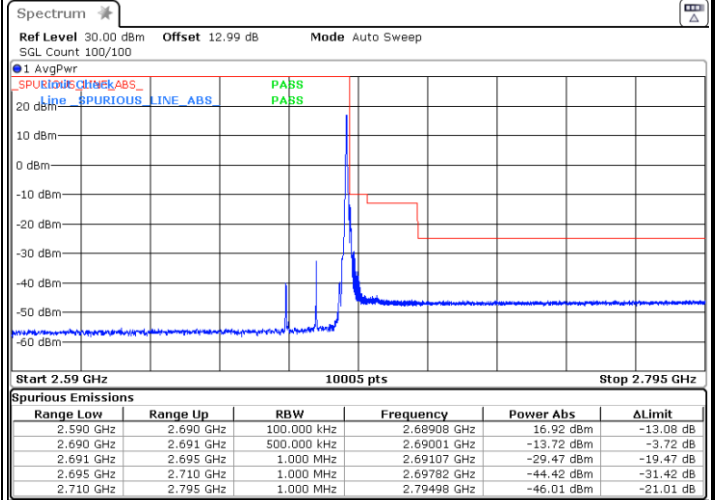
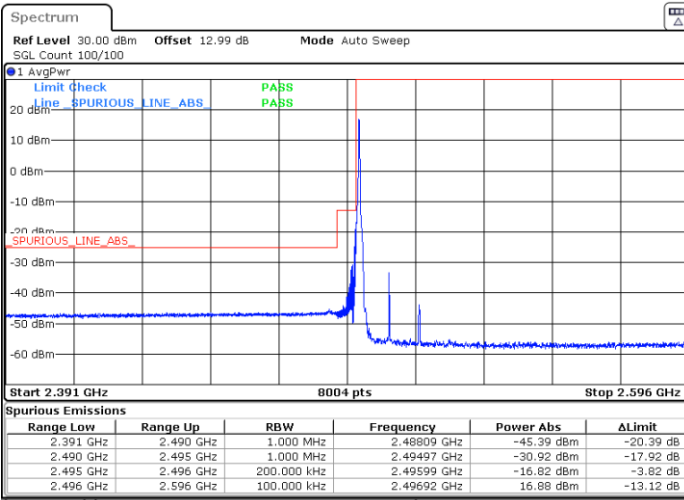
Date: 26.NOV.2021 18:57:33



FR1 n41 / 20MHz / DFT-S OFDM / QPSK

Lowest Band Edge / 1RB0

Highest Band Edge / 1RBmax

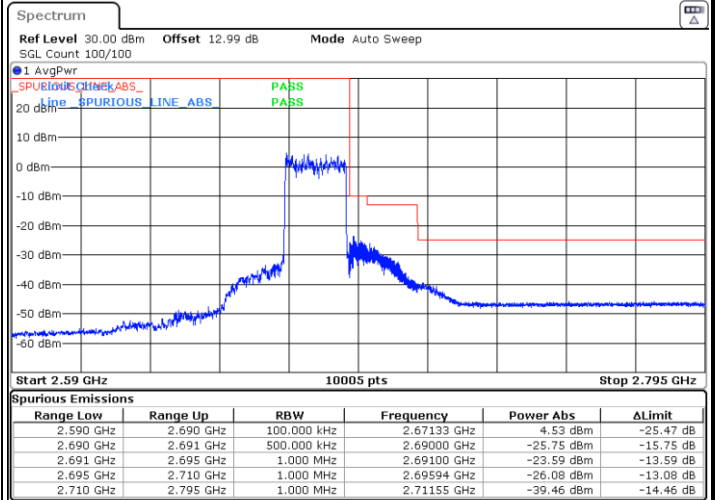
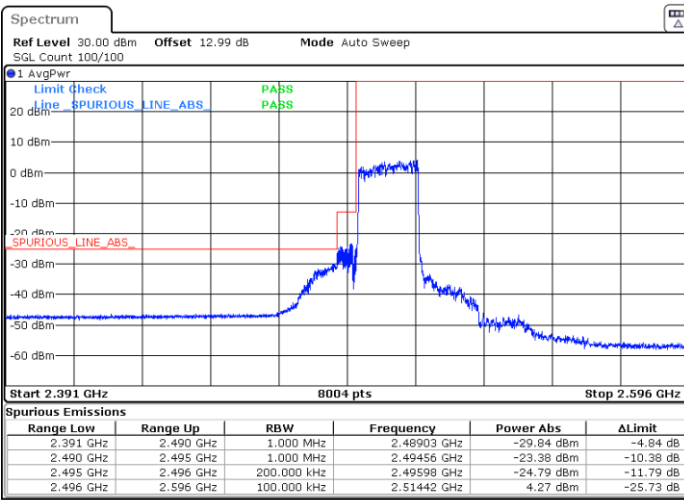


Date: 26.NOV.2021 18:40:19

Date: 26.NOV.2021 18:50:55

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 26.NOV.2021 18:46:49

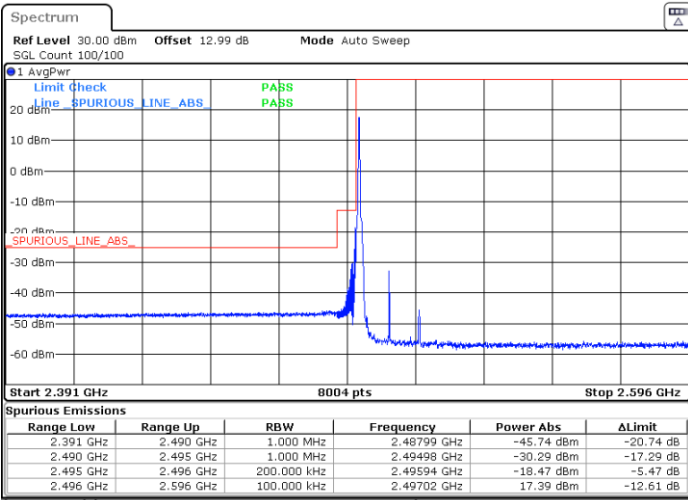
Date: 26.NOV.2021 18:57:12



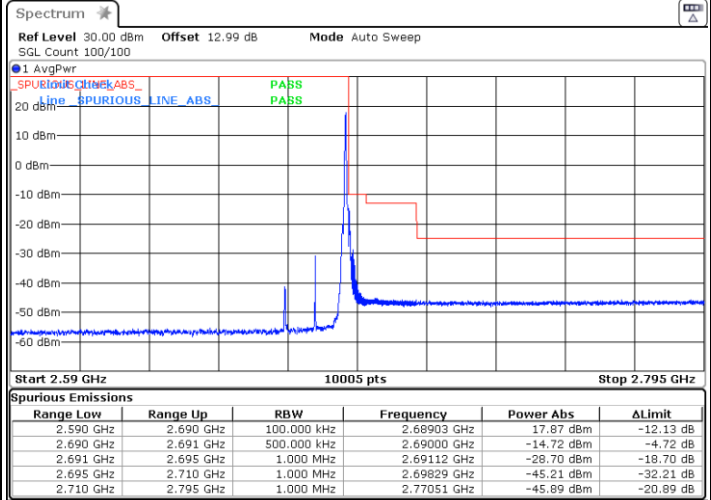
FR1 n41 / 20MHz / DFT-S OFDM / 16Q

Lowest Band Edge / 1RB0

Highest Band Edge / 1RBmax



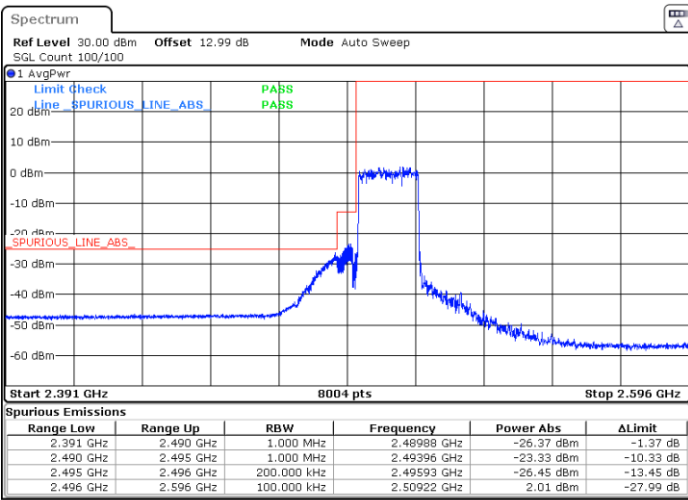
Date: 26.NOV.2021 18:44:46



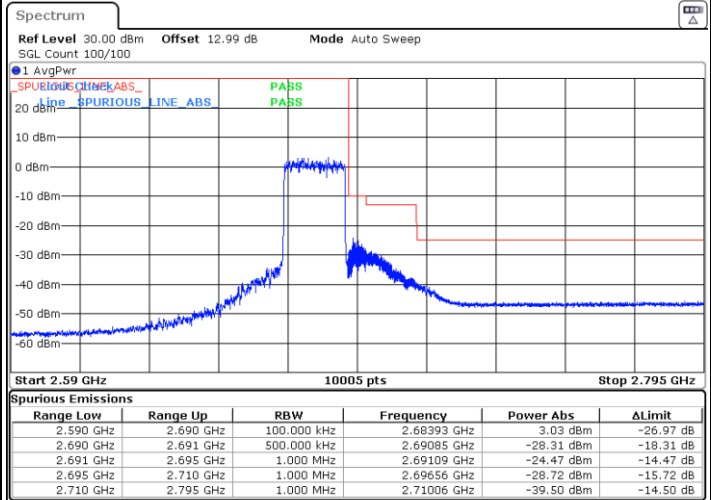
Date: 26.NOV.2021 18:55:44

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 26.NOV.2021 18:46:30



Date: 26.NOV.2021 18:56:53