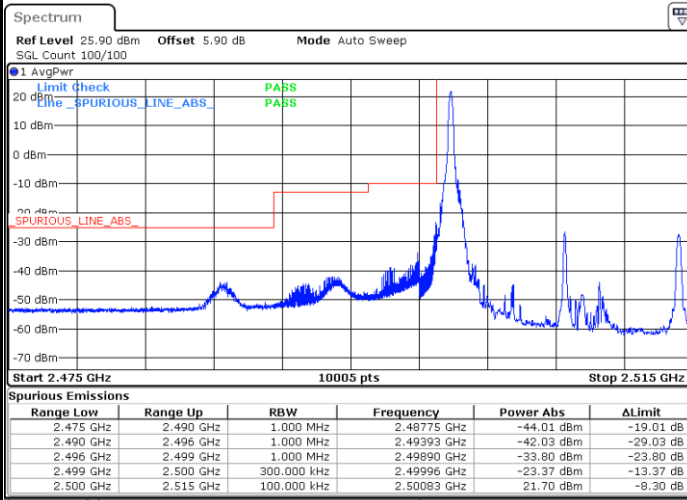




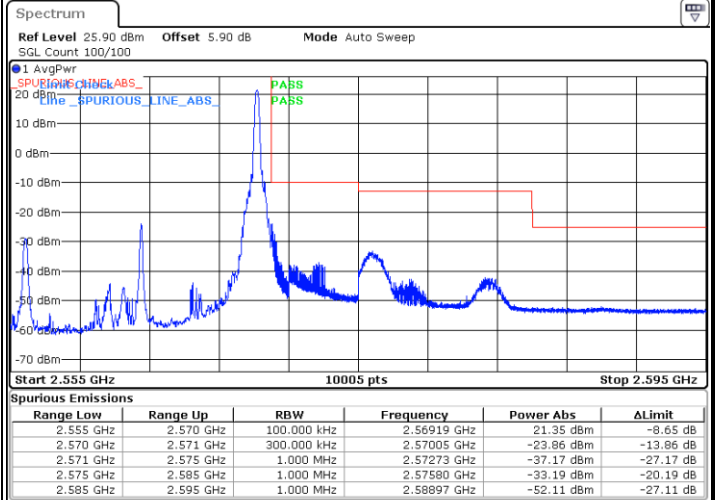
LTE Band 7 / 15MHz / 16QAM

Lowest Band Edge / 1 RB



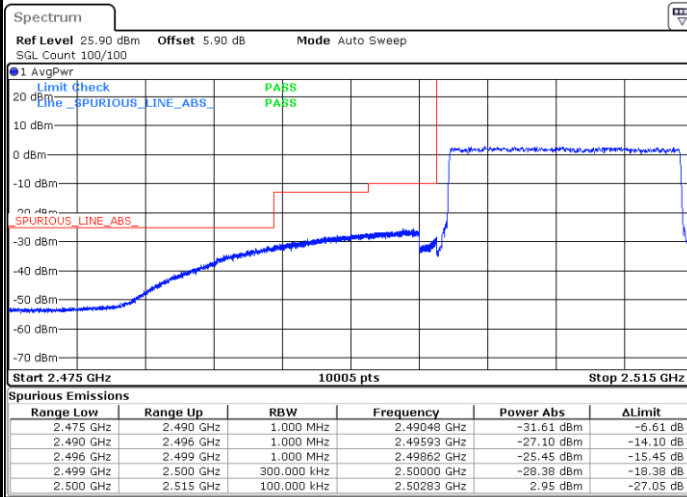
Date: 6.DEC.2020 12:08:10

Highest Band Edge / 1 RB



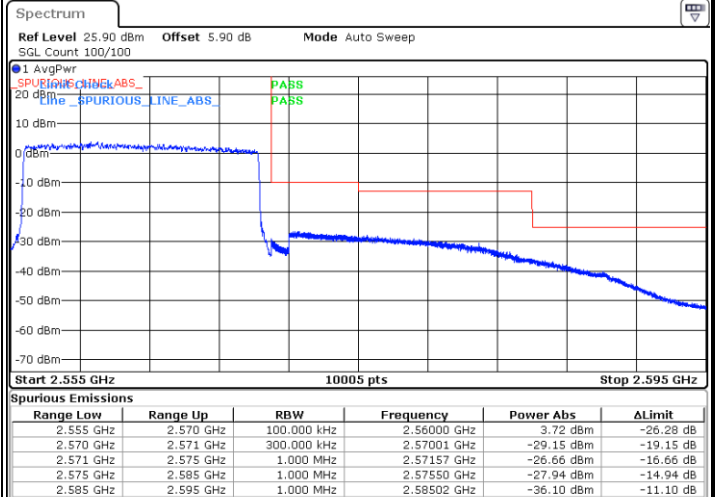
Date: 6.DEC.2020 12:12:04

Lowest Band Edge / Full RB



Date: 6.DEC.2020 12:06:41

Highest Band Edge / Full RB

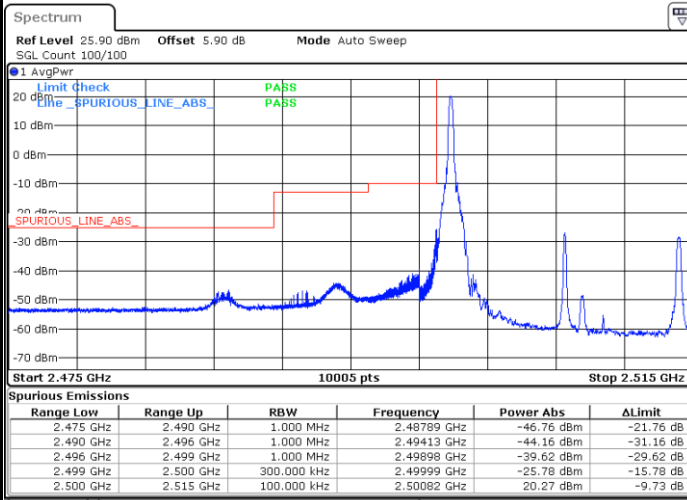


Date: 6.DEC.2020 12:10:16



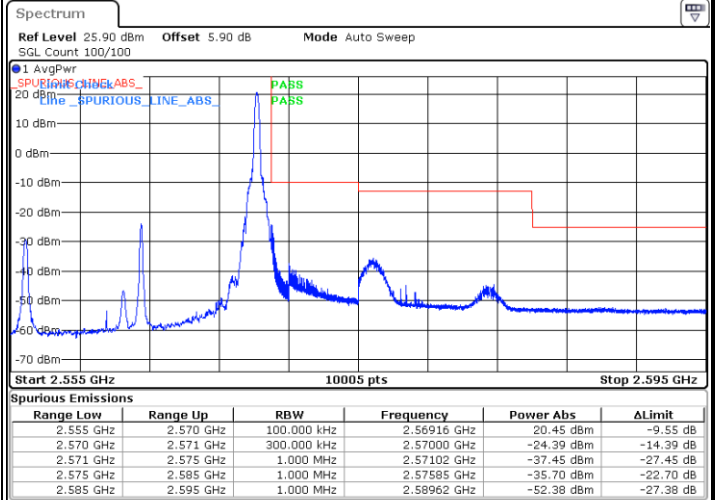
LTE Band 7 / 15MHz / 64QAM

Lowest Band Edge / 1 RB



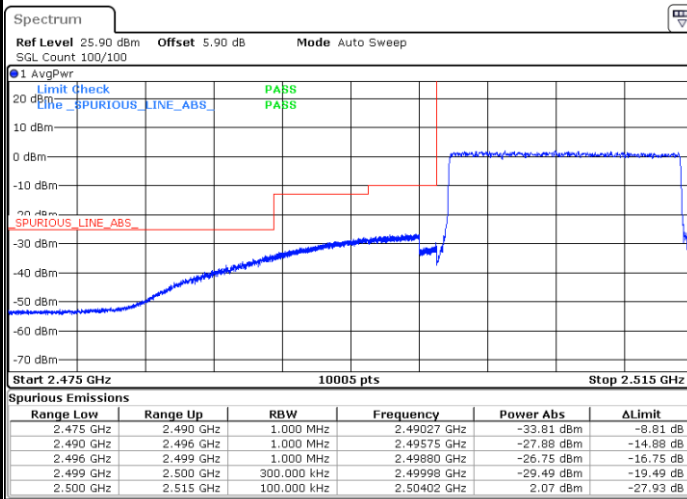
Date: 6.DEC.2020 12:08:36

Highest Band Edge / 1 RB



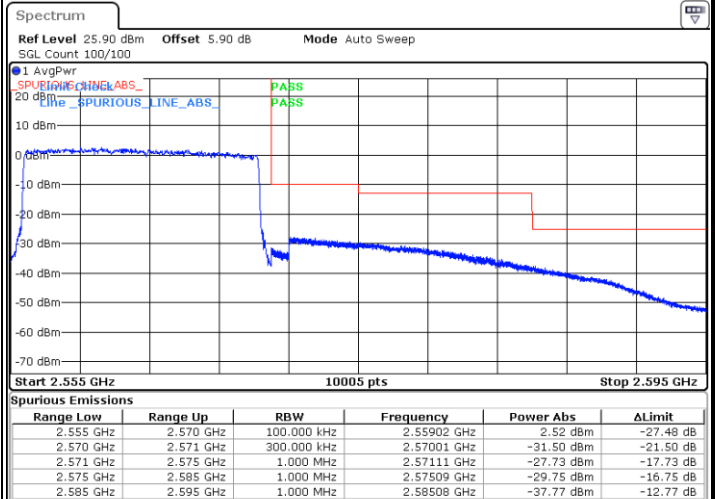
Date: 6.DEC.2020 12:12:33

Lowest Band Edge / Full RB



Date: 6.DEC.2020 12:06:20

Highest Band Edge / Full RB



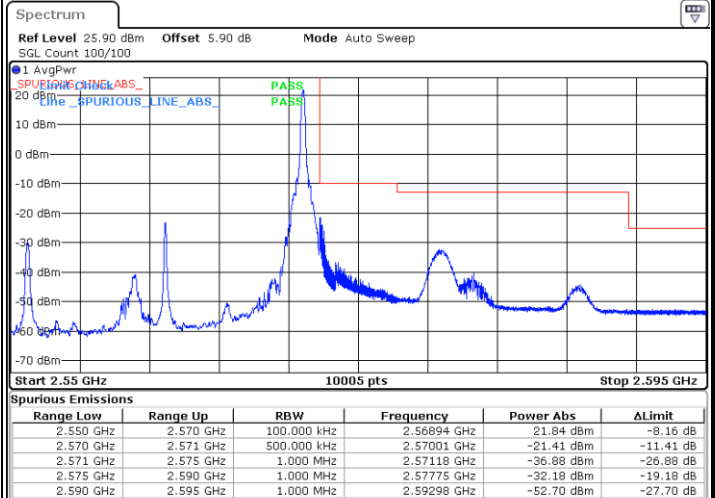
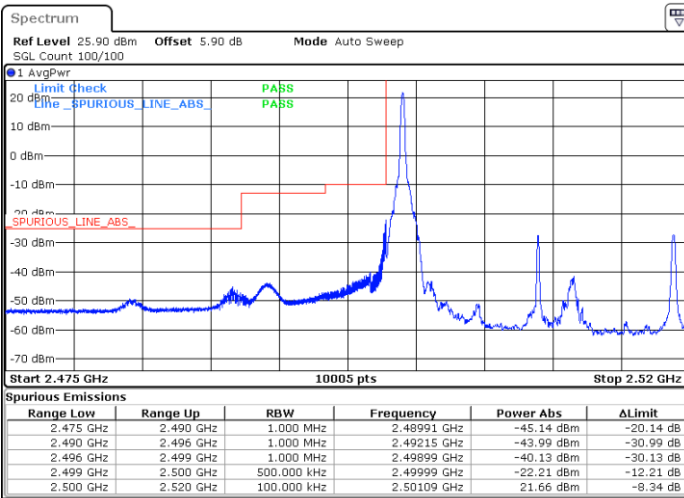
Date: 6.DEC.2020 12:09:56



LTE Band 7 / 20MHz / QPSK

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB

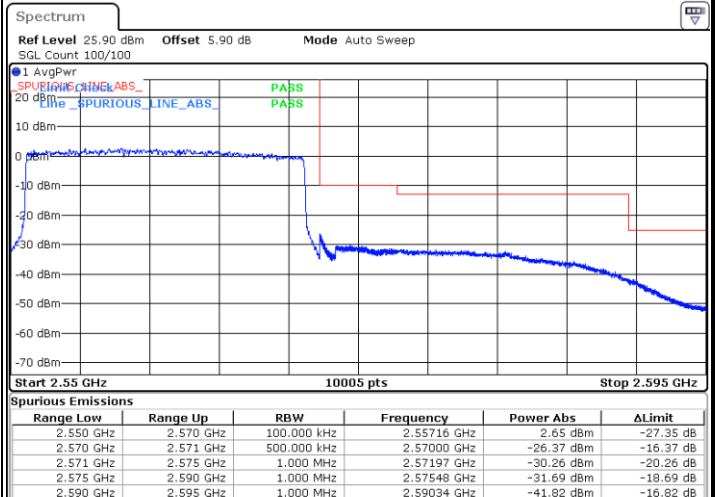
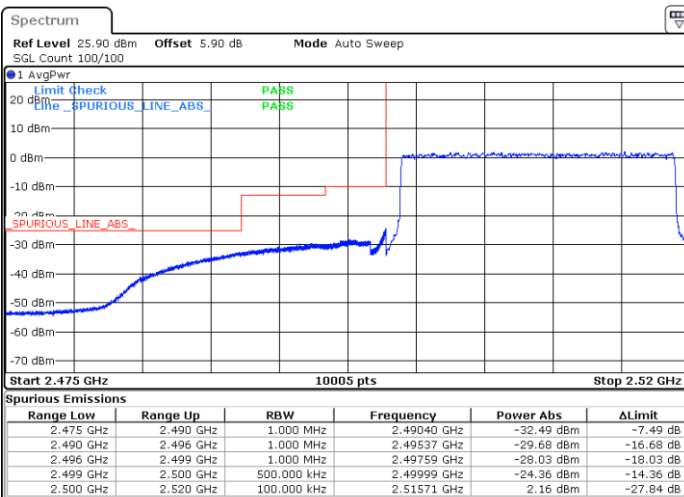


Date: 6.DEC.2020 11:52:08

Date: 6.DEC.2020 11:55:40

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



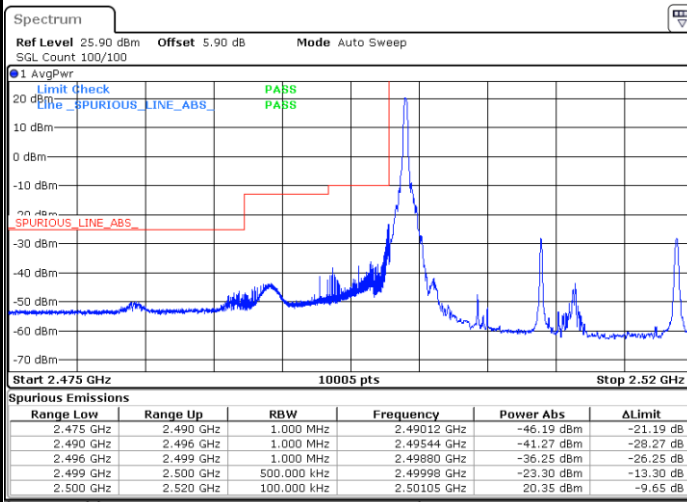
Date: 6.DEC.2020 11:50:07

Date: 6.DEC.2020 11:53:13



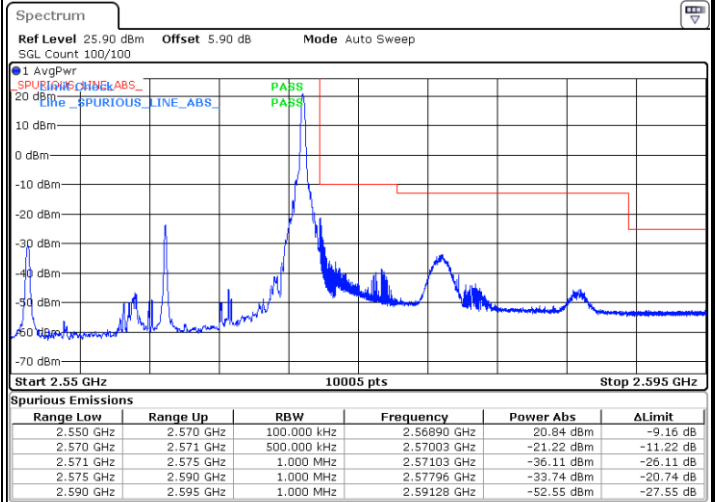
LTE Band 7 / 20MHz / 16QAM

Lowest Band Edge / 1 RB



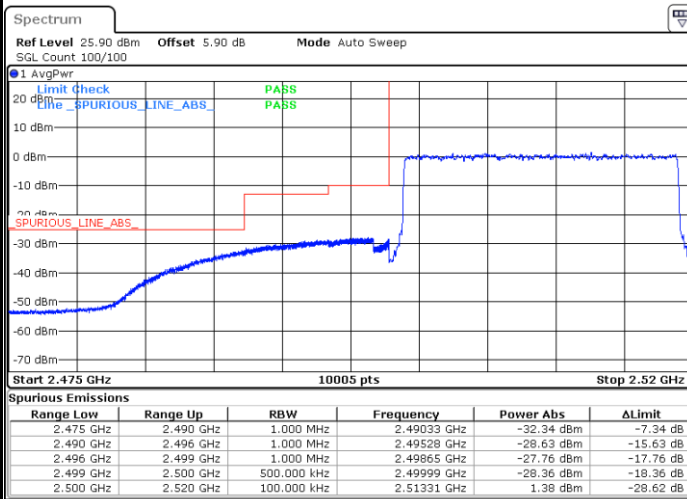
Date: 6.DEC.2020 11:51:48

Highest Band Edge / 1RB



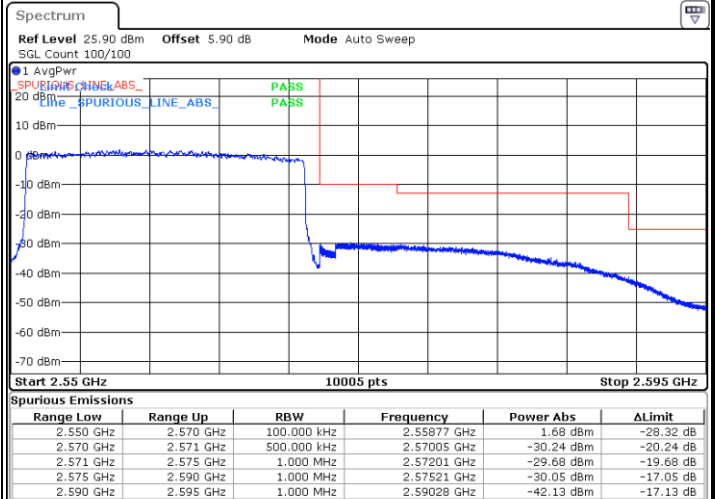
Date: 6.DEC.2020 11:55:05

Lowest Band Edge / Full RB



Date: 6.DEC.2020 11:50:31

Highest Band Edge / Full RB



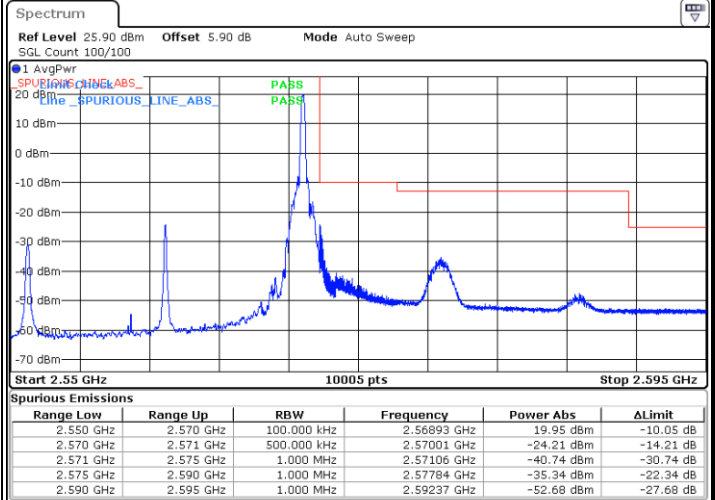
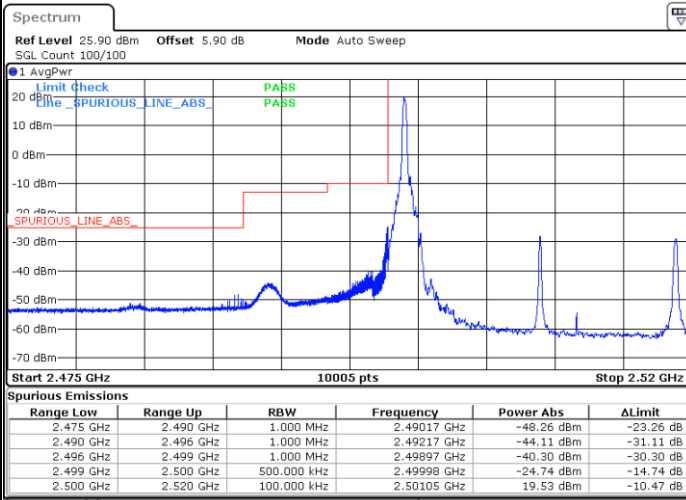
Date: 6.DEC.2020 11:53:34



LTE Band 7 / 20MHz / 64QAM

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB

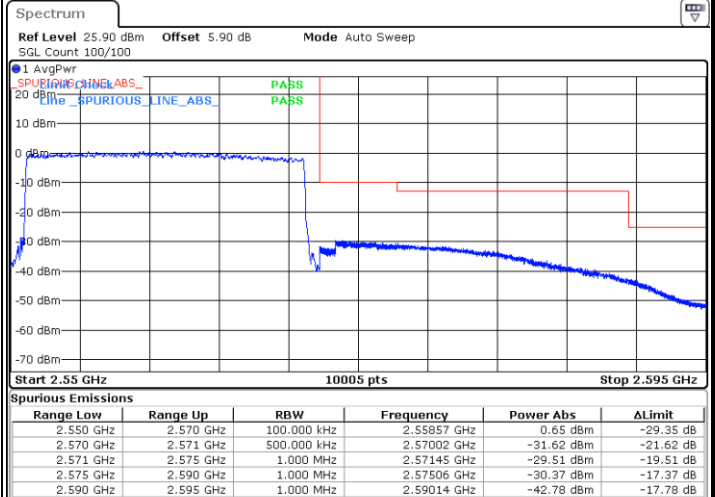
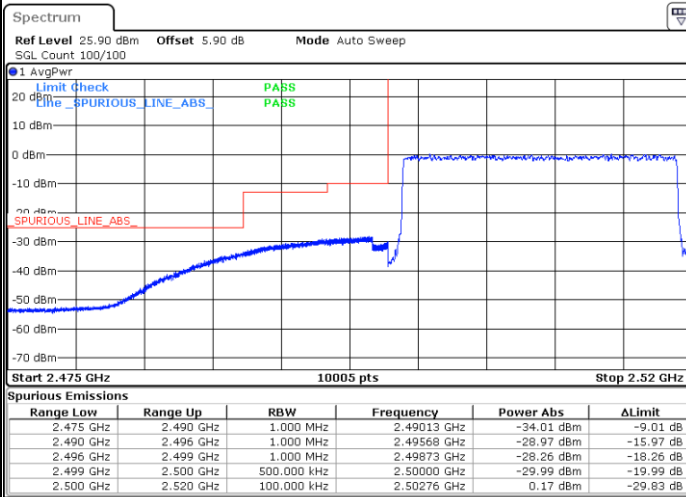


Date: 6.DEC.2020 11:51:28

Date: 6.DEC.2020 11:54:44

Lowest Band Edge / Full RB

Highest Band Edge / Full RB

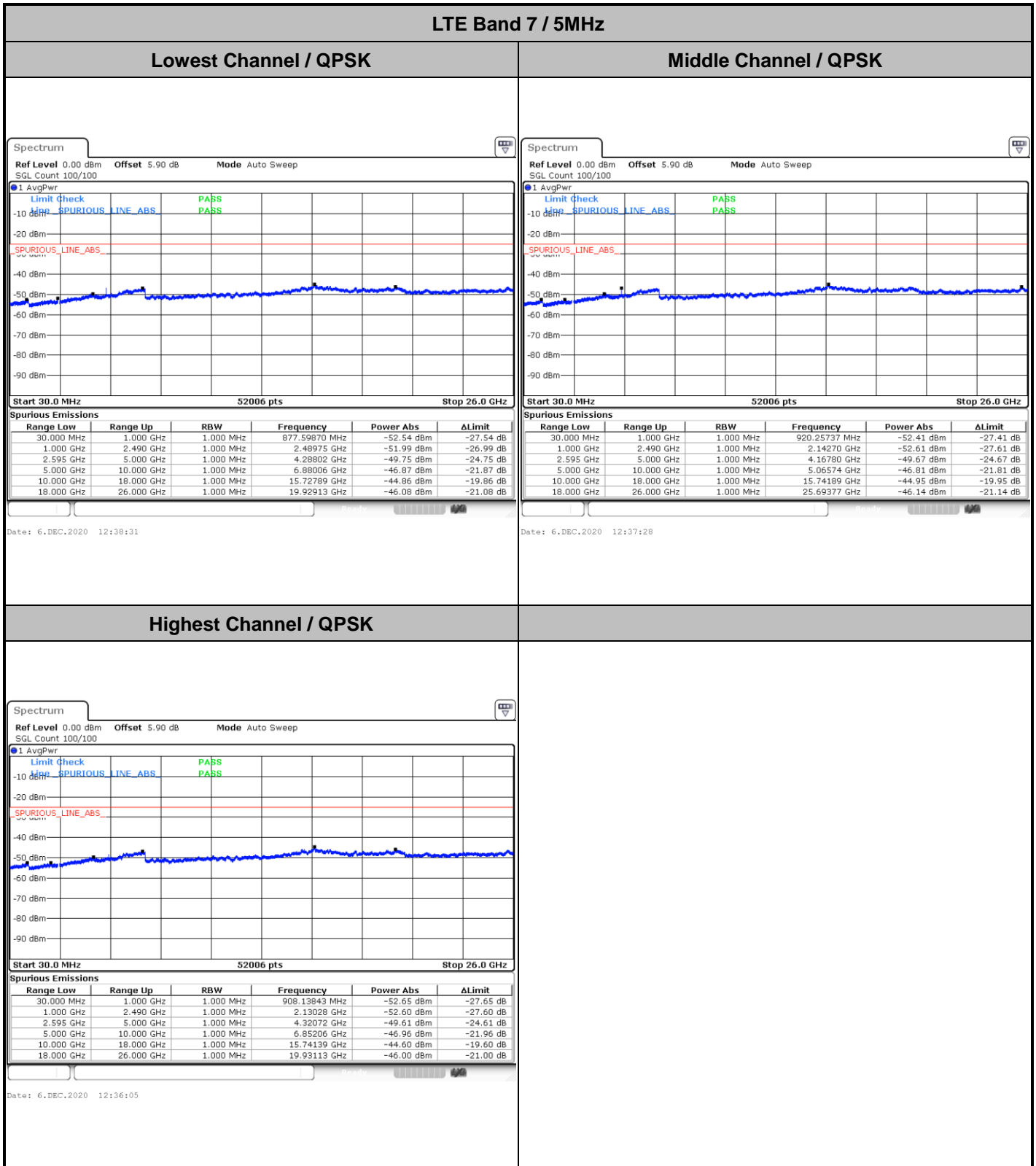


Date: 6.DEC.2020 11:50:54

Date: 6.DEC.2020 11:53:59



Conducted Spurious Emission

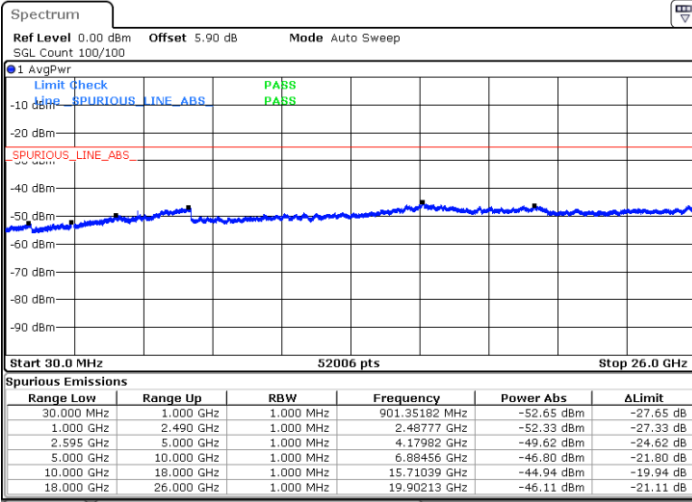




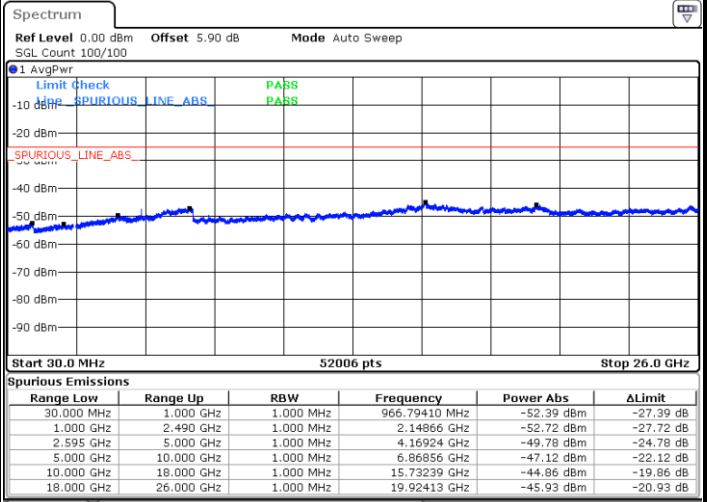
LTE Band 7 / 10MHz

Lowest Channel / QPSK

Middle Channel / QPSK

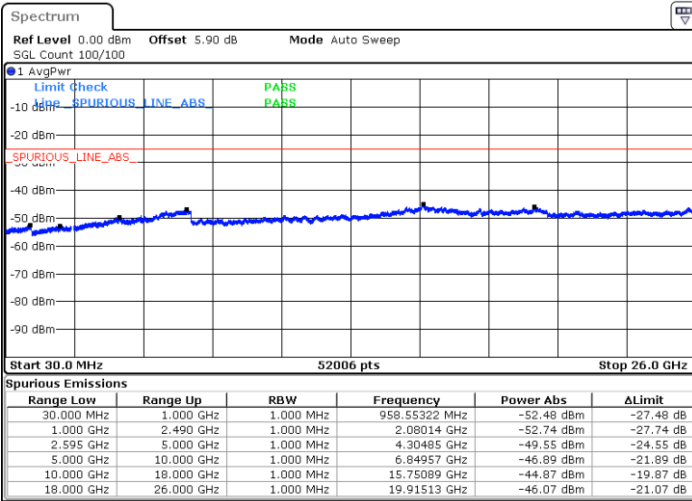


Date: 6.DEC.2020 12:27:08



Date: 6.DEC.2020 12:26:07

Highest Channel / QPSK



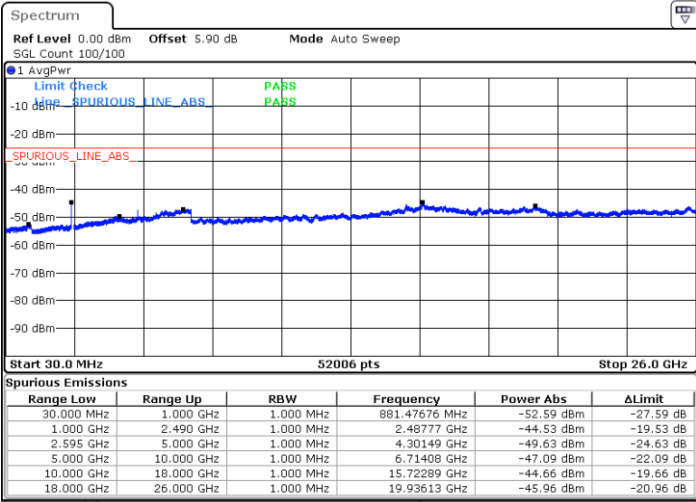
Date: 6.DEC.2020 12:25:01



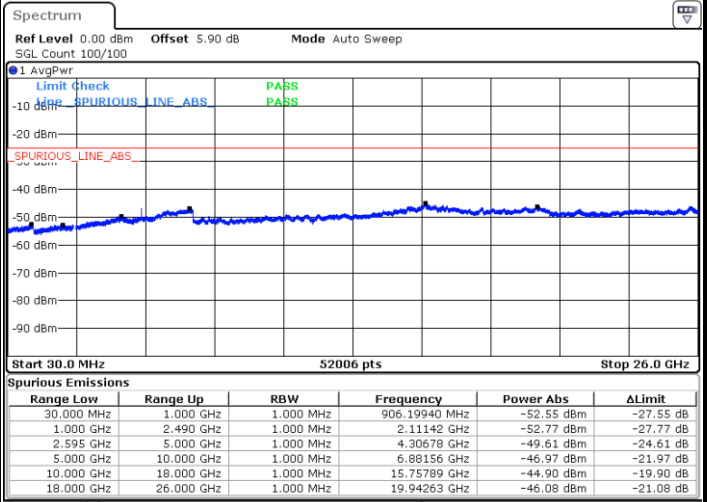
LTE Band 7 / 15MHz

Lowest Channel / QPSK

Middle Channel / QPSK

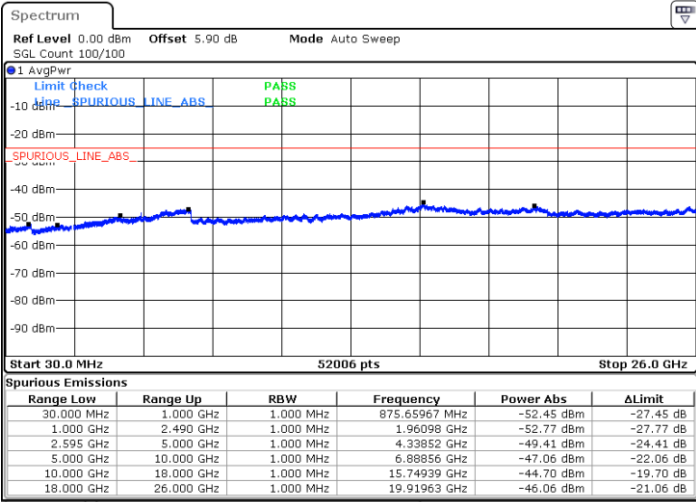


Date: 6.DEC.2020 12:16:17



Date: 6.DEC.2020 12:15:14

Highest Channel / QPSK



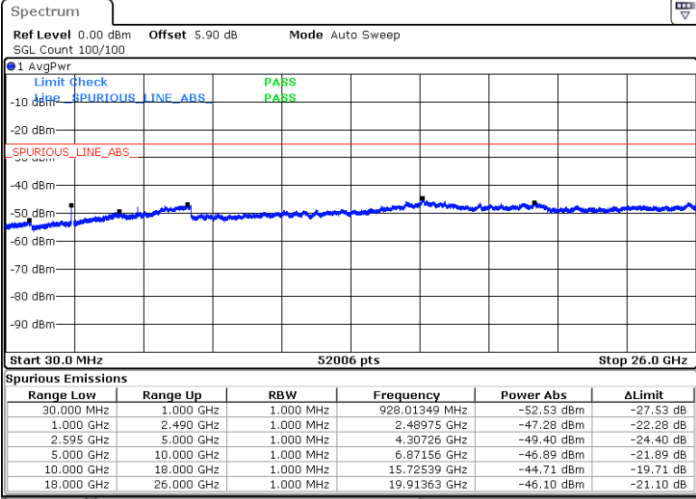
Date: 6.DEC.2020 12:14:00



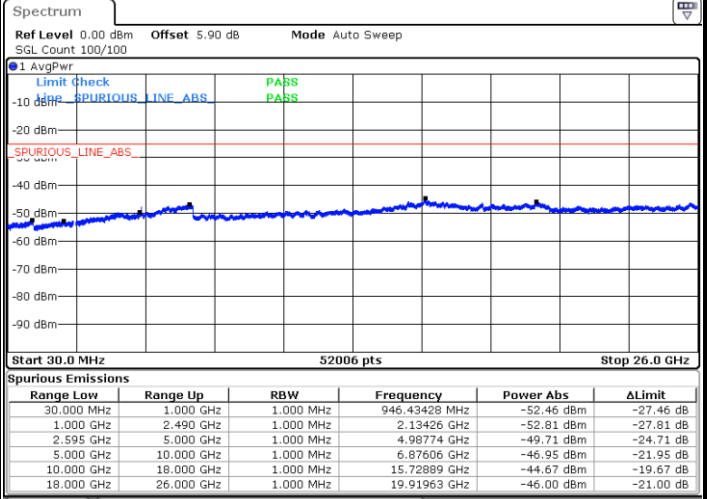
LTE Band 7 / 20MHz

Lowest Channel / QPSK

Middle Channel / QPSK

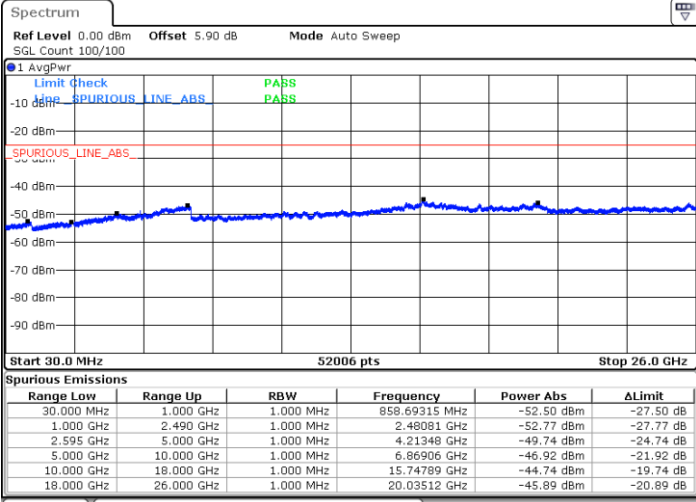


Date: 6.DEC.2020 11:59:15



Date: 6.DEC.2020 11:58:09

Highest Channel / QPSK



Date: 6.DEC.2020 11:57:03



Frequency Stability

Test Conditions		LTE Band 7 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 20MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0023	PASS
40	Normal Voltage	0.0022	
30	Normal Voltage	0.0008	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0019	
0	Normal Voltage	0.0032	
-10	Normal Voltage	0.0002	
-20	Normal Voltage	0.0004	
-30	Normal Voltage	0.0020	
20	Maximum Voltage	0.0006	
20	Normal Voltage	0.0021	
20	Battery End Point	0.0023	

Note:

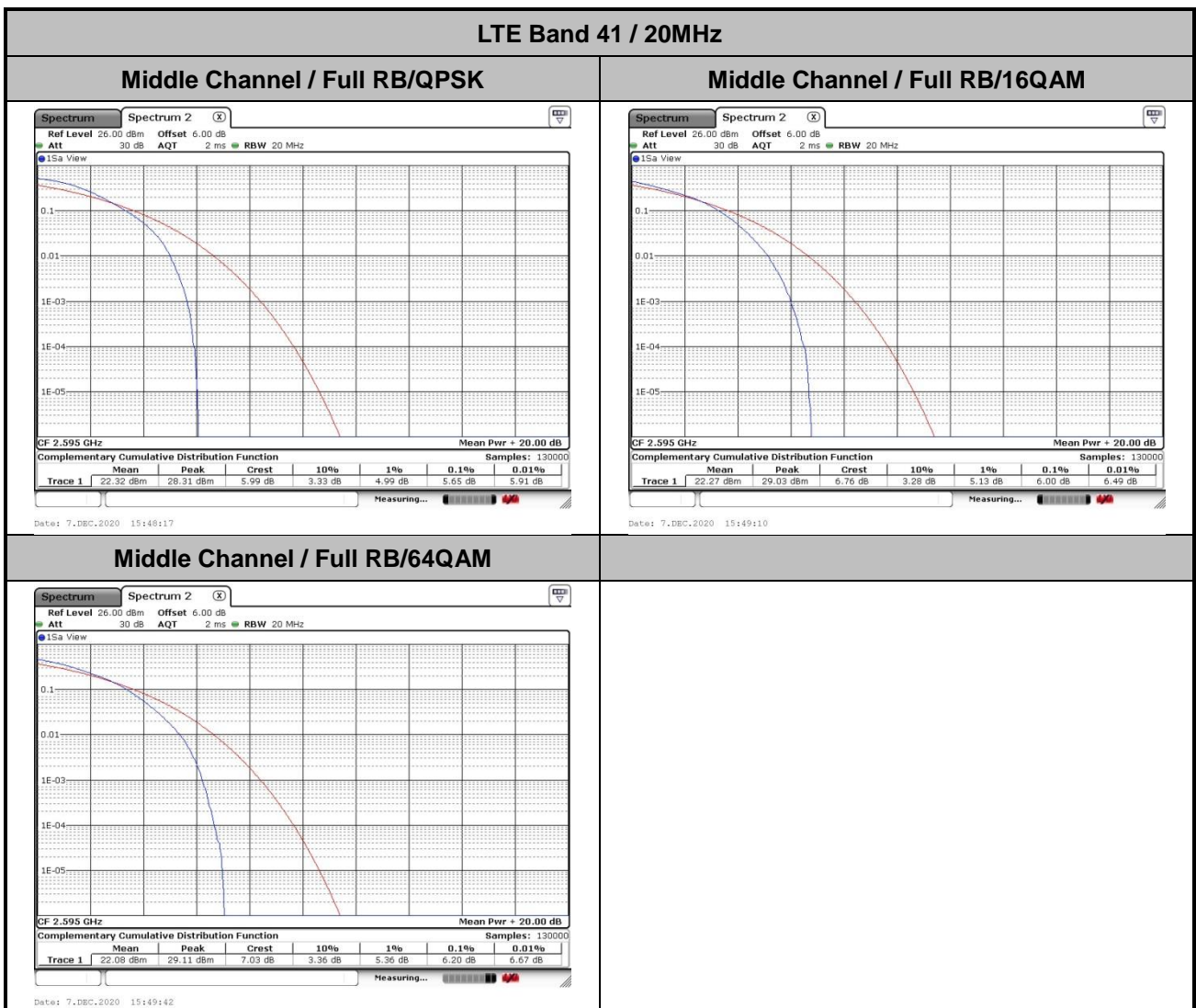
1. Normal Voltage =3.87 V. ; Battery End Point (BEP) =3.6 V. ; Maximum Voltage =4.45 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



LTE Band 41

Peak-to-Average Ratio

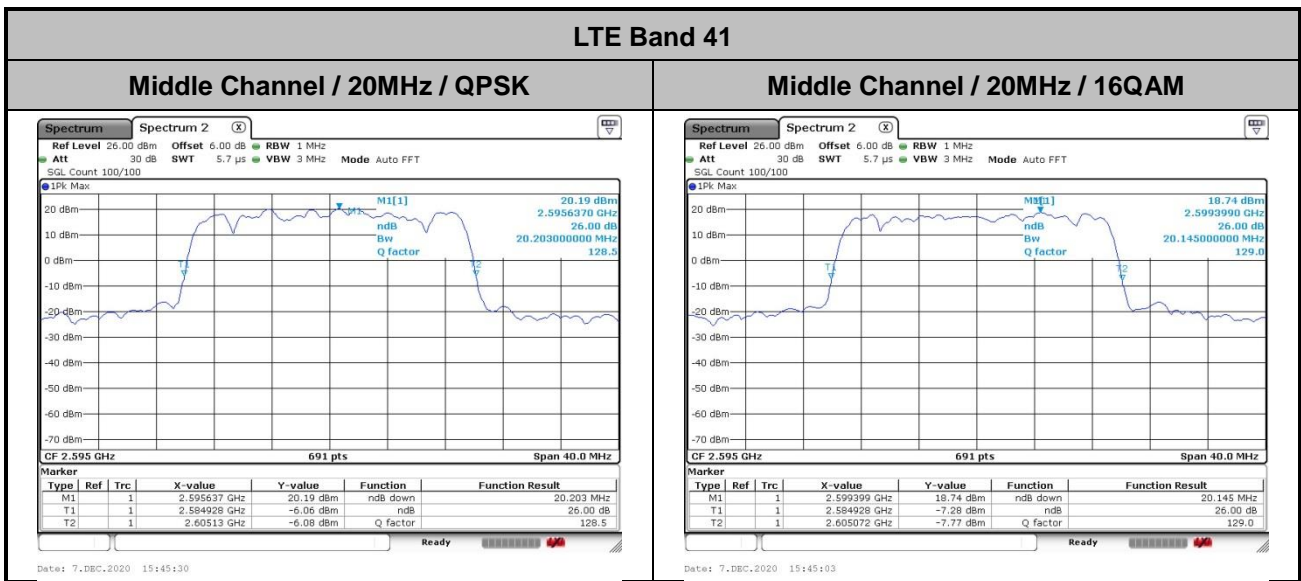
Mode	LTE Band 41 / 20MHz				
Mod.	QPSK	16QAM	64QAM	-	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	-	Result
Middle CH	5.65	6.00	6.20	-	PASS





26dB Bandwidth

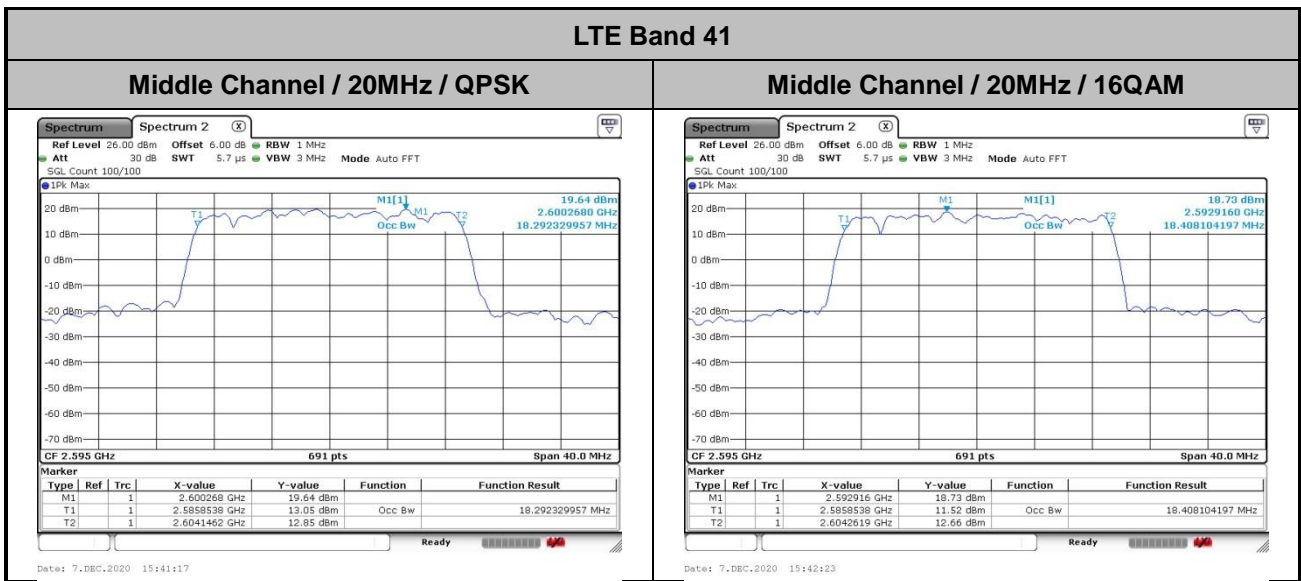
LTE Band 41		
BW	20MHz	
Mod.	QPSK	16QAM
Middle CH	20.20	20.15





Occupied Bandwidth

LTE Band 41		
BW	20MHz	
Mod.	QPSK	16QAM
Middle CH	18.29	18.41

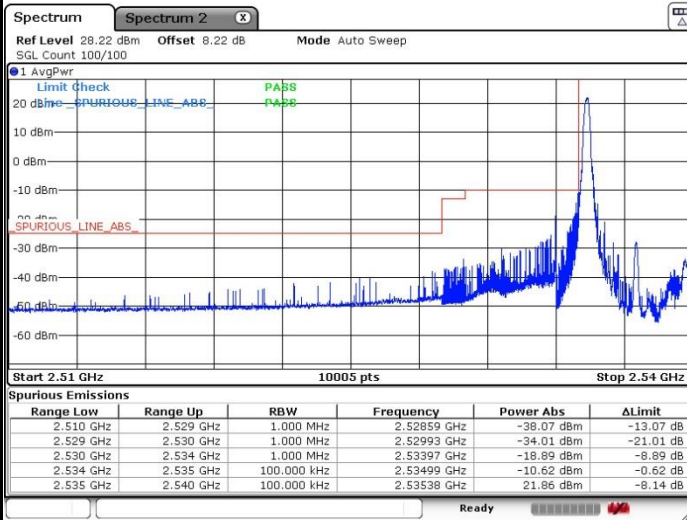




Conducted Band Edge

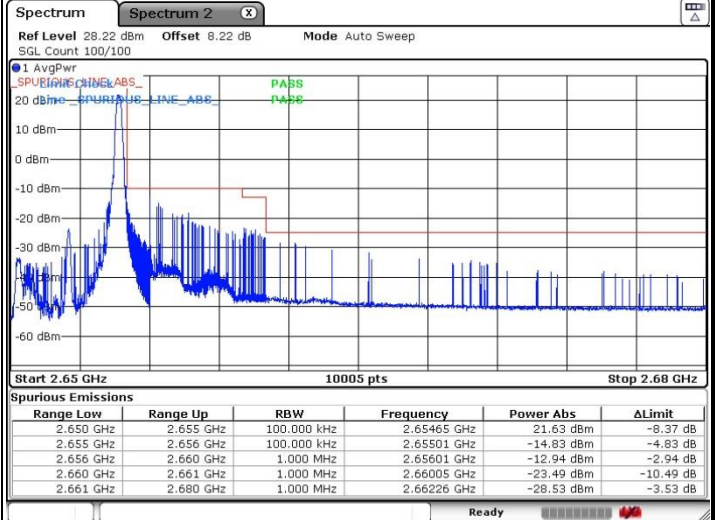
LTE Band 41 / 5MHz / QPSK

Lowest Band Edge / 1 RB



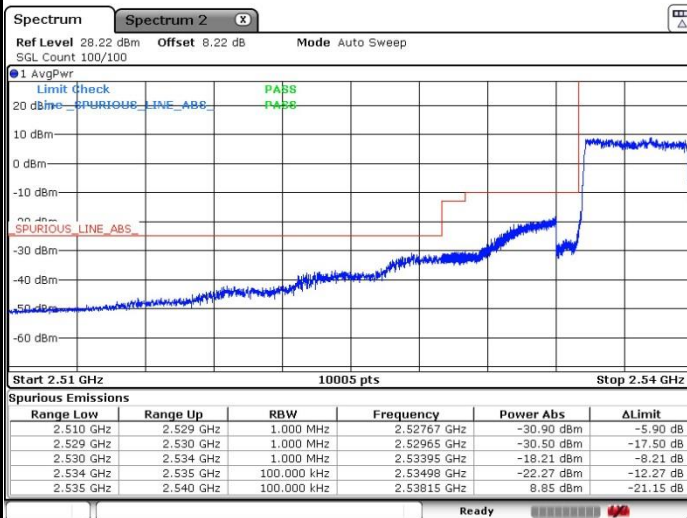
Date: 7.DEC.2020 18:19:40

Highest Band Edge / 1 RB



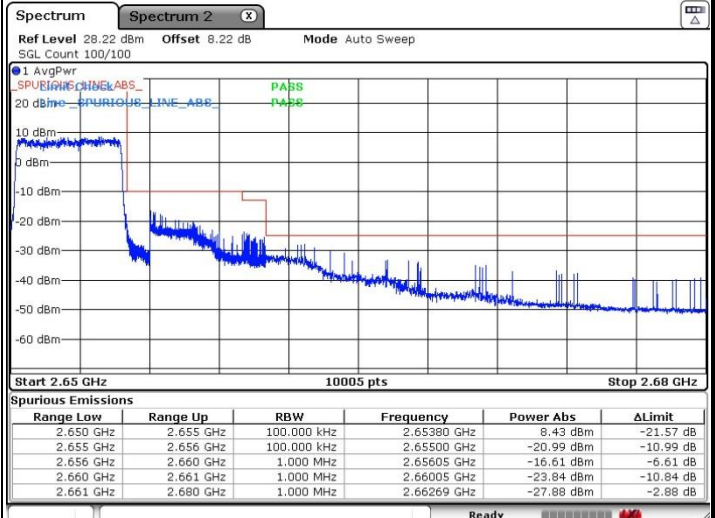
Date: 7.DEC.2020 18:09:09

Lowest Band Edge / Full RB



Date: 7.DEC.2020 18:26:37

Highest Band Edge / Full RB

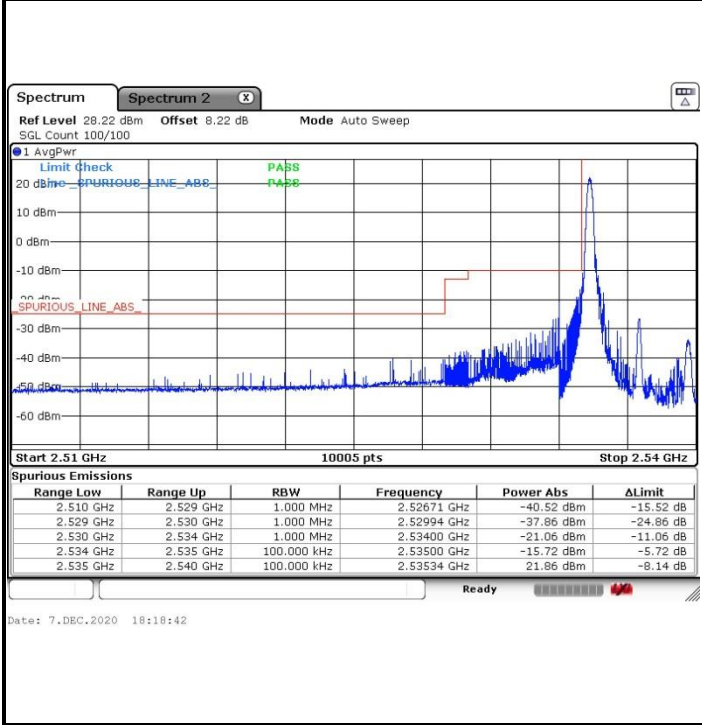


Date: 7.DEC.2020 18:12:13

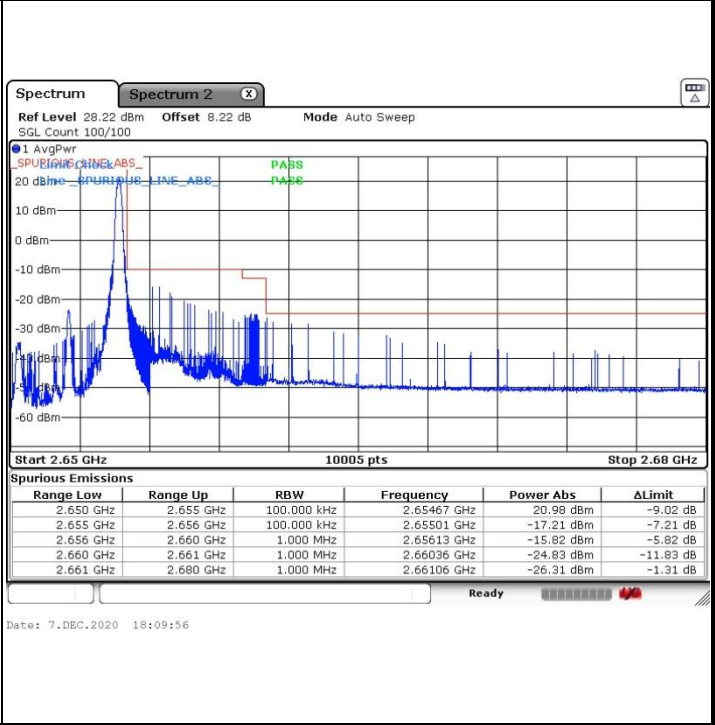


LTE Band 41 / 5MHz / 16QAM

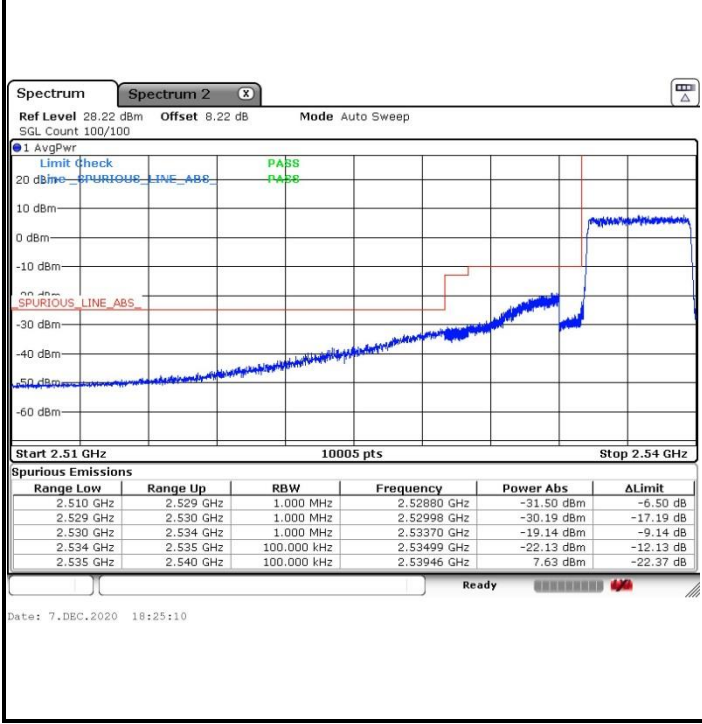
Lowest Band Edge / 1RB



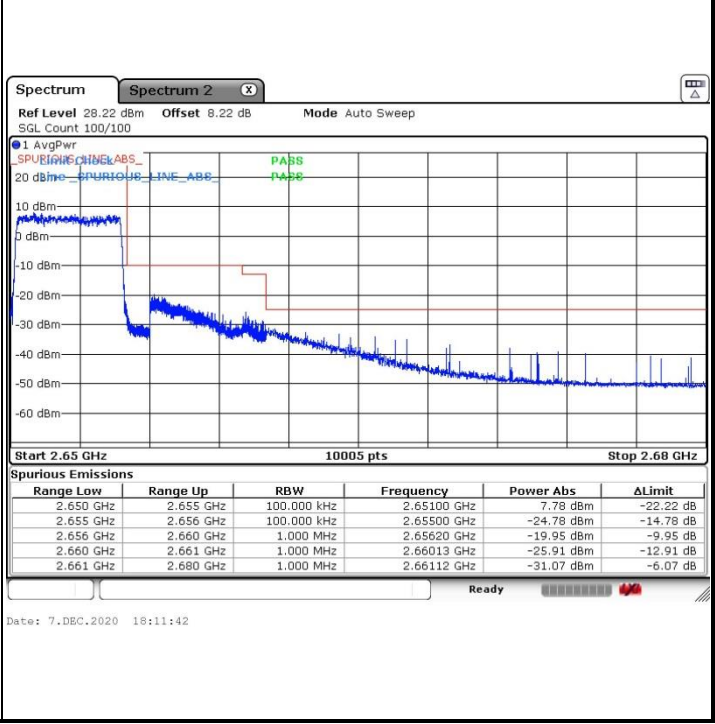
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



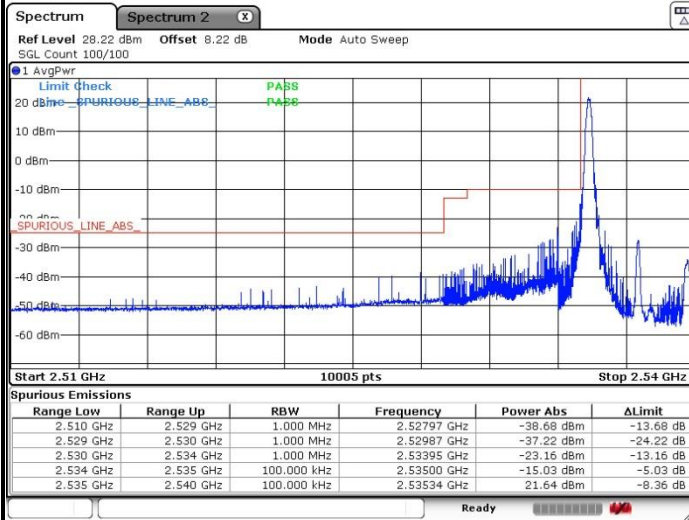
Highest Band Edge / Full RB



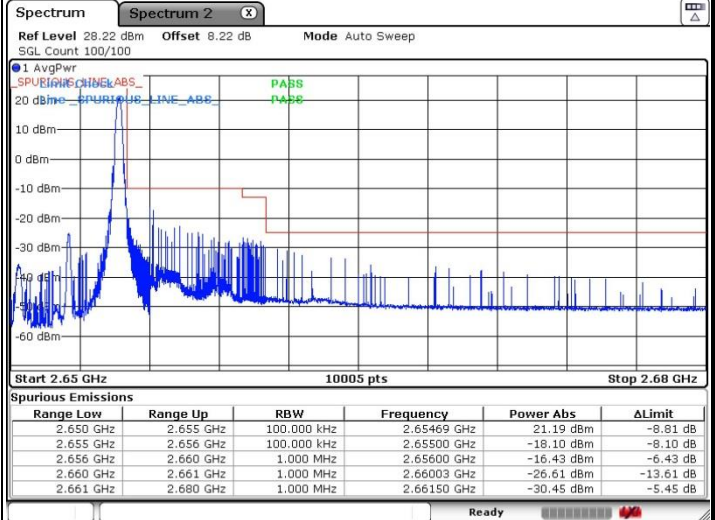


LTE Band 41 / 5MHz / 64QAM

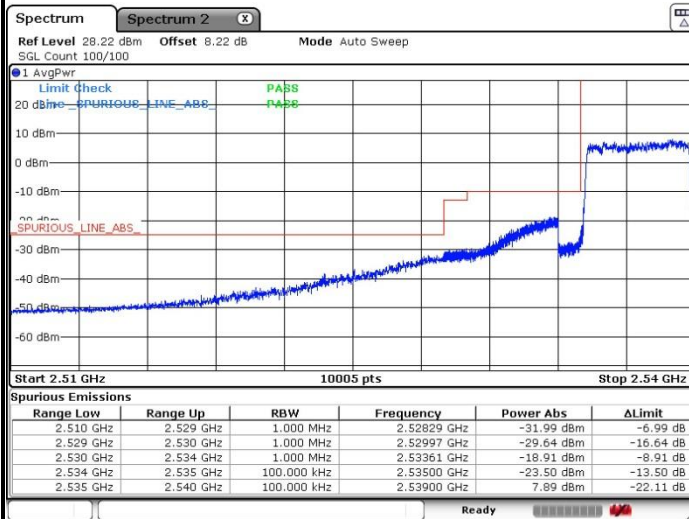
Lowest Band Edge / 1RB



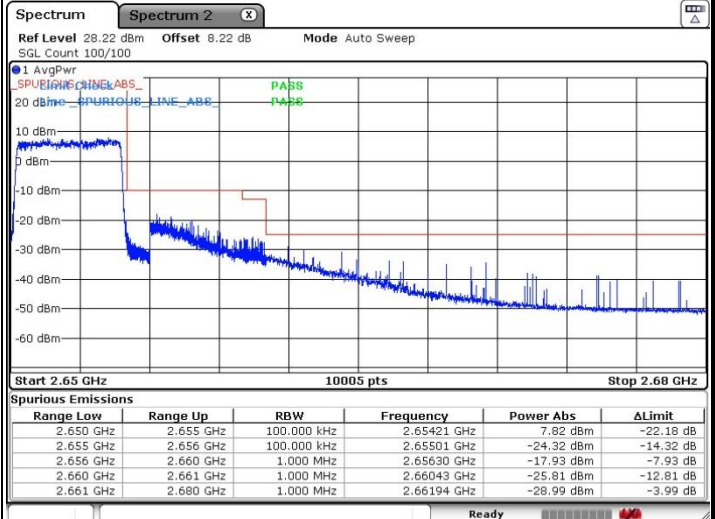
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

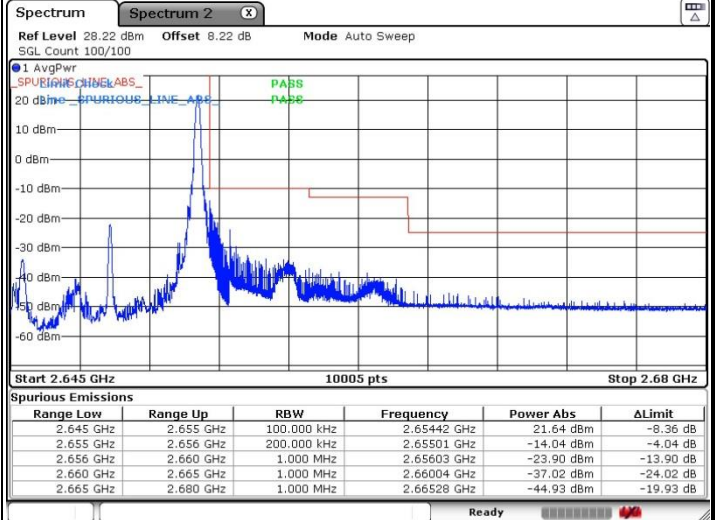
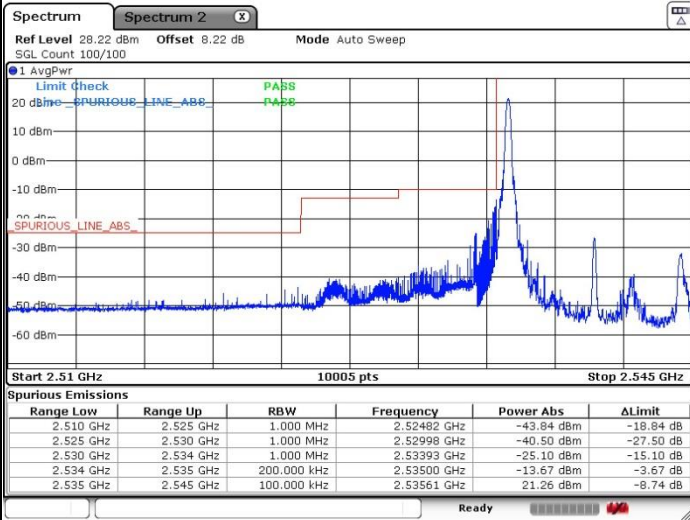




LTE Band 41 / 10MHz / QPSK

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB

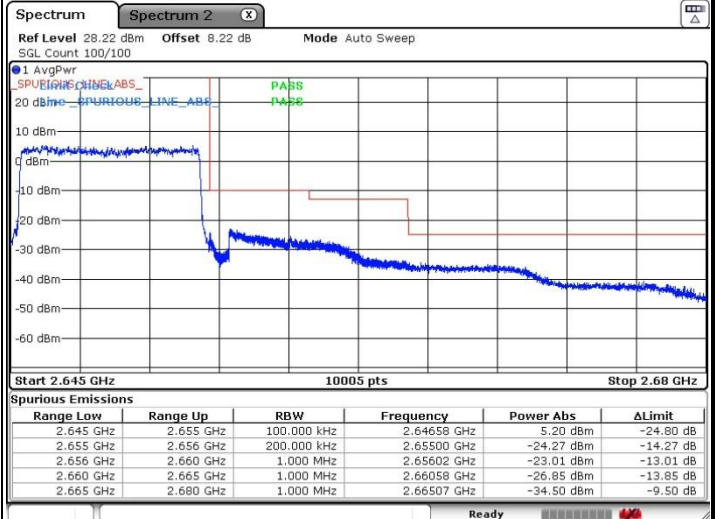
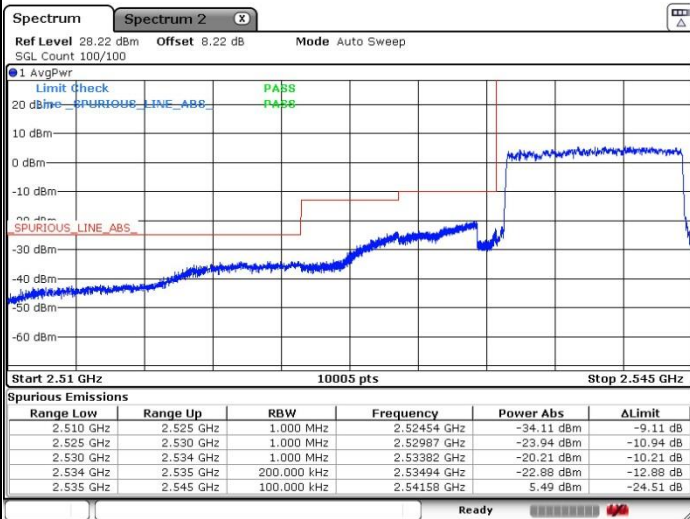


Date: 7.DEC.2020 17:59:15

Date: 7.DEC.2020 18:05:29

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 7.DEC.2020 17:59:47

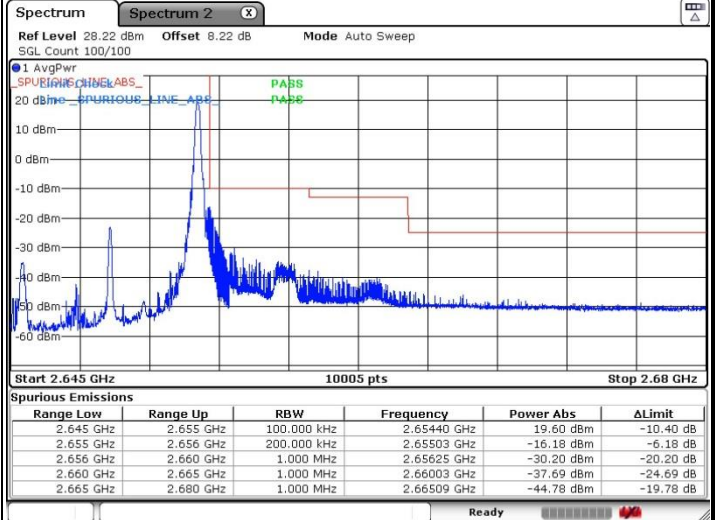
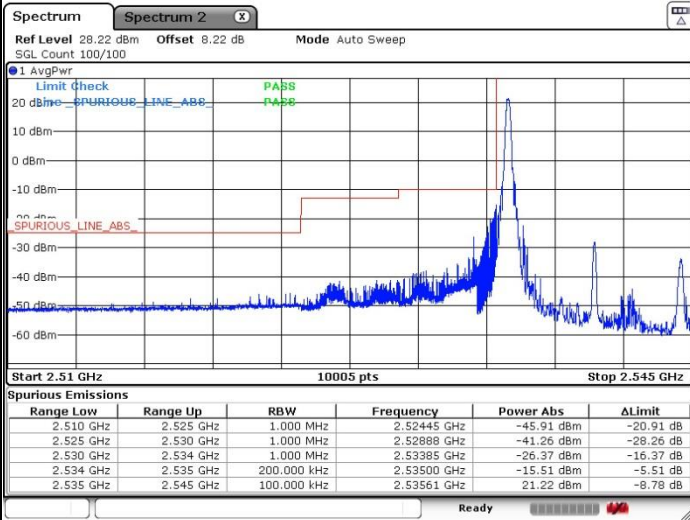
Date: 7.DEC.2020 18:04:53



LTE Band 41 / 10MHz / 16QAM

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB

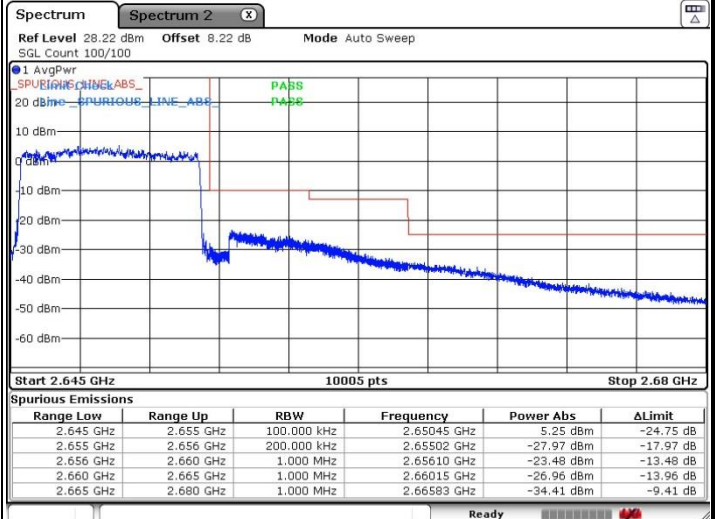
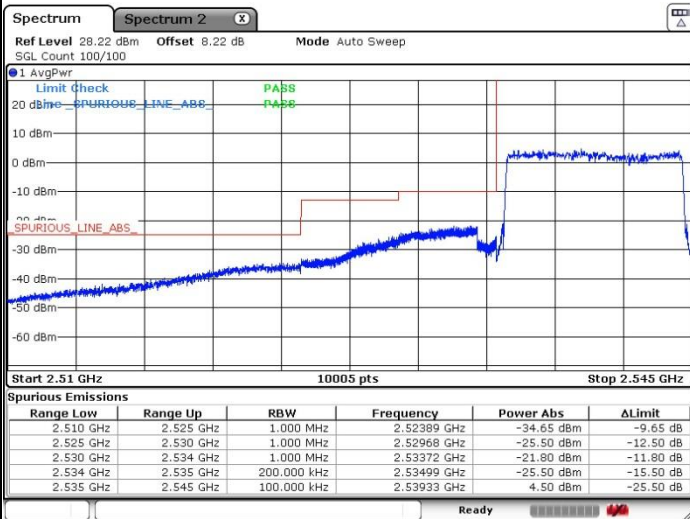


Date: 7.DEC.2020 17:58:43

Date: 7.DEC.2020 18:06:08

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



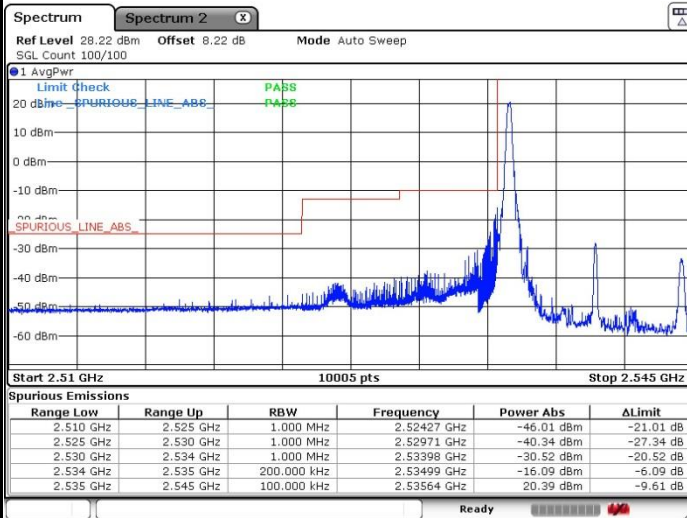
Date: 7.DEC.2020 18:00:30

Date: 7.DEC.2020 18:04:21

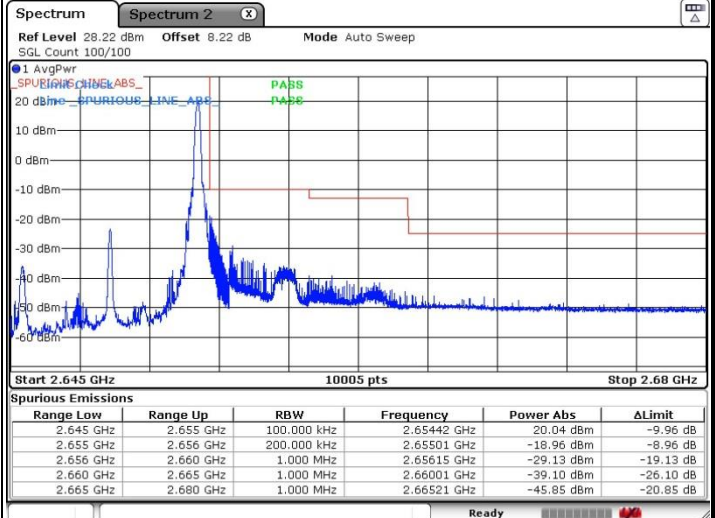


LTE Band 41 / 10MHz / 64QAM

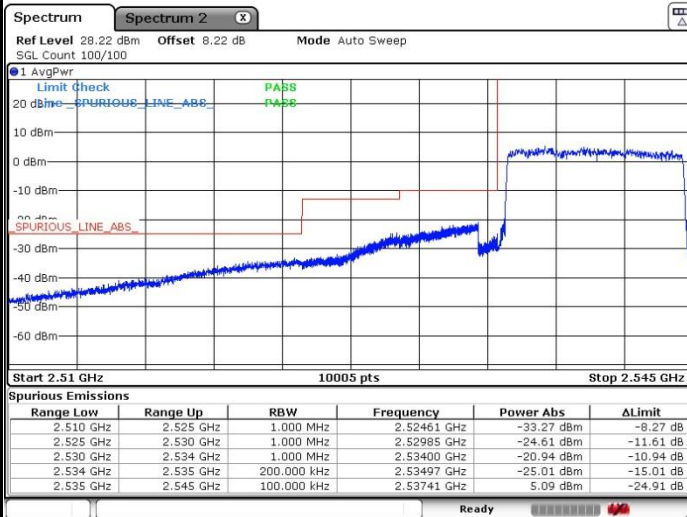
Lowest Band Edge / 1 RB



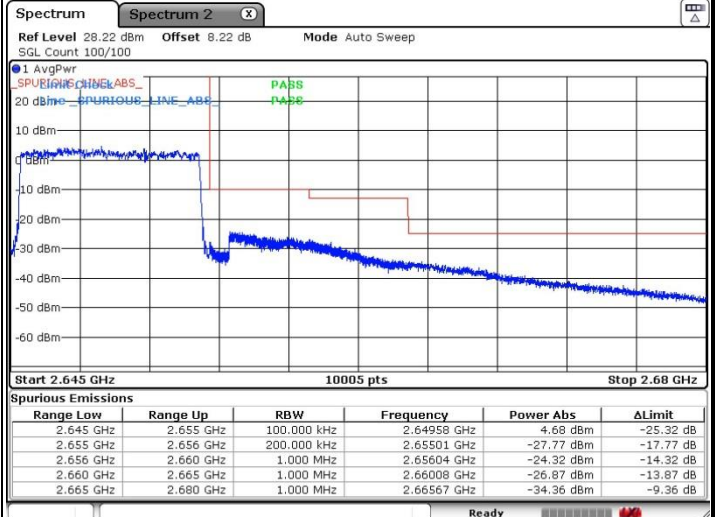
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



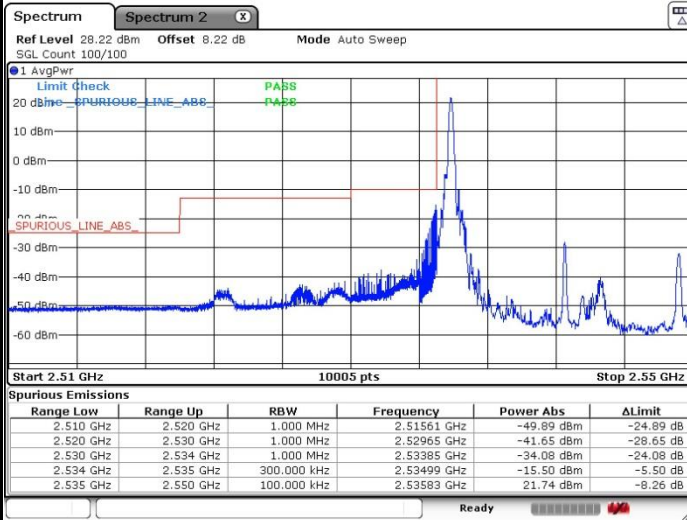
Highest Band Edge / Full RB





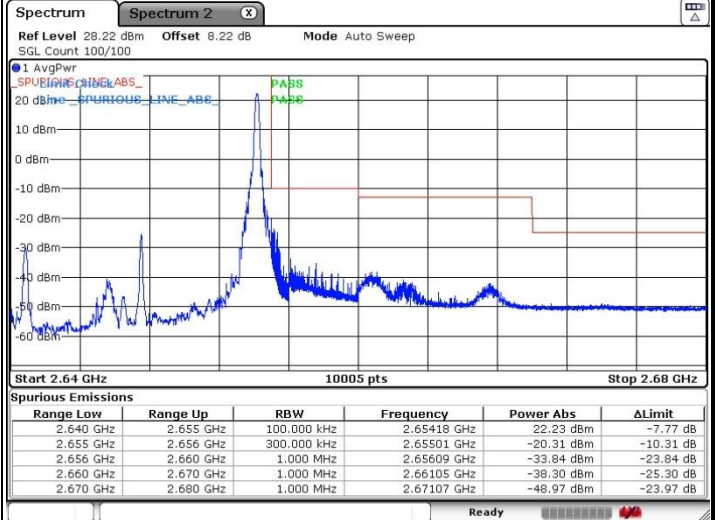
LTE Band 41 / 15MHz / QPSK

Lowest Band Edge / 1 RB



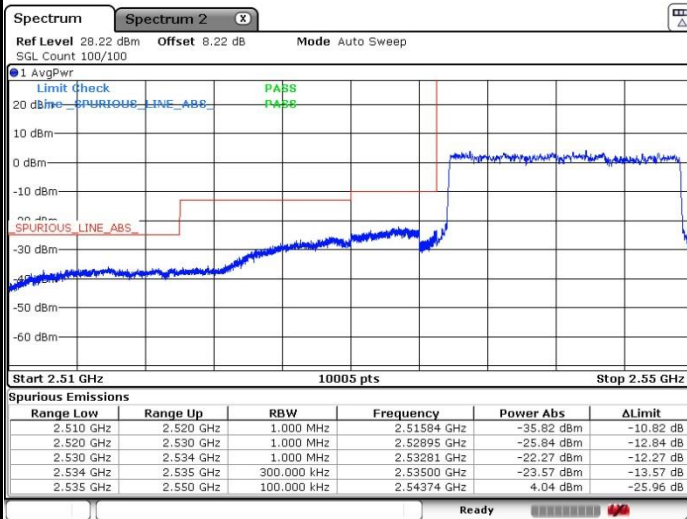
Date: 7.DEC.2020 17:53:46

Highest Band Edge / 1 RB



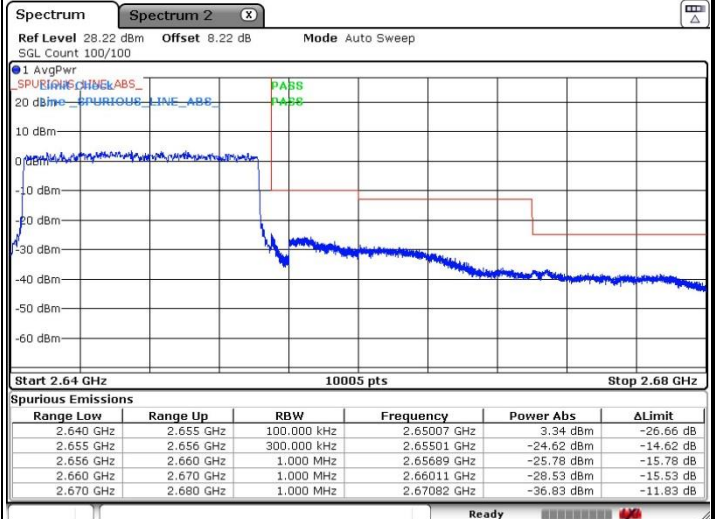
Date: 7.DEC.2020 17:43:48

Lowest Band Edge / Full RB



Date: 7.DEC.2020 17:53:13

Highest Band Edge / Full RB

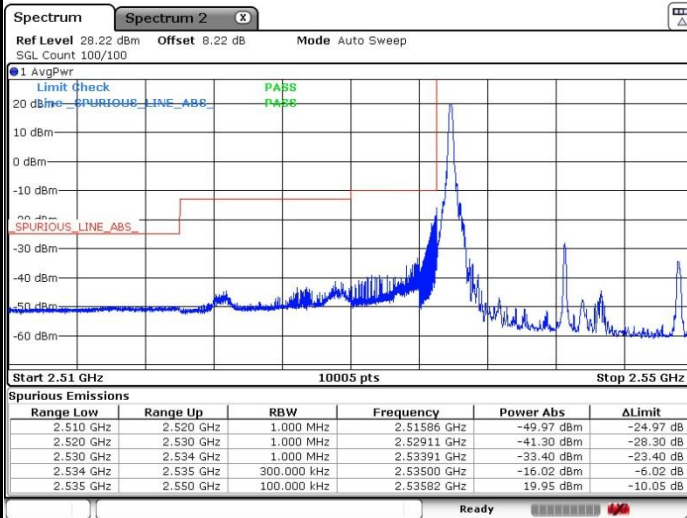


Date: 7.DEC.2020 17:47:27



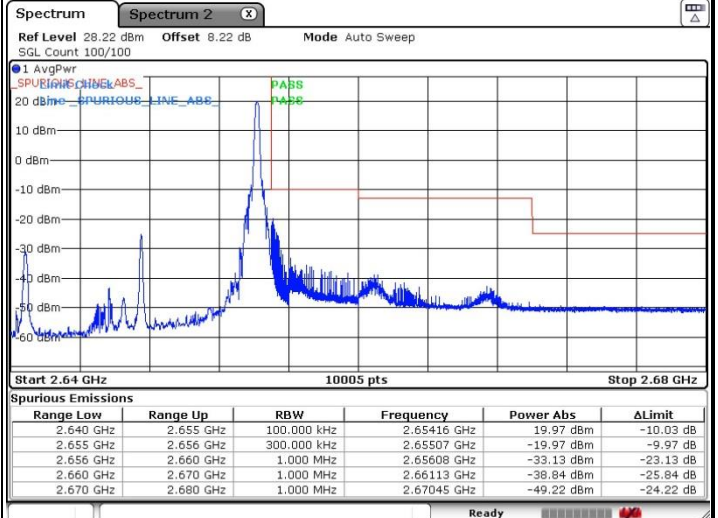
LTE Band 41 / 15MHz / 16QAM

Lowest Band Edge / 1 RB



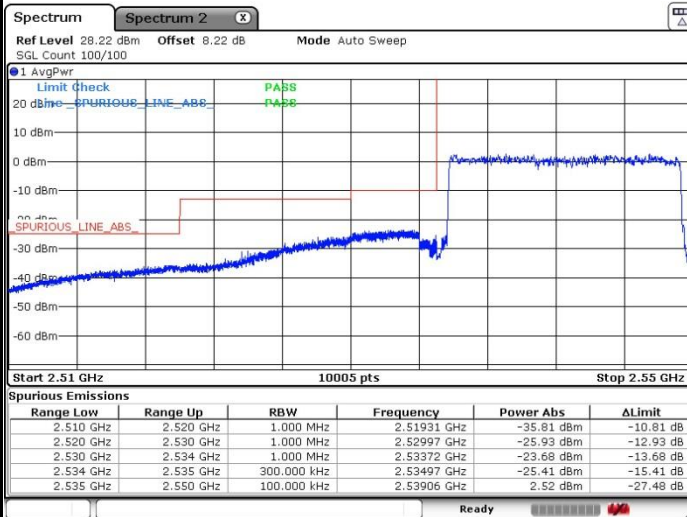
Date: 7.DEC.2020 17:55:06

Highest Band Edge / 1 RB



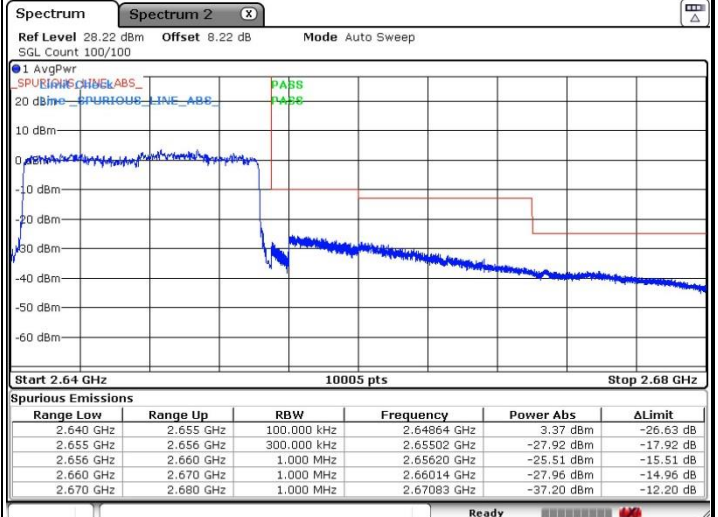
Date: 7.DEC.2020 17:44:35

Lowest Band Edge / Full RB



Date: 7.DEC.2020 17:52:42

Highest Band Edge / Full RB



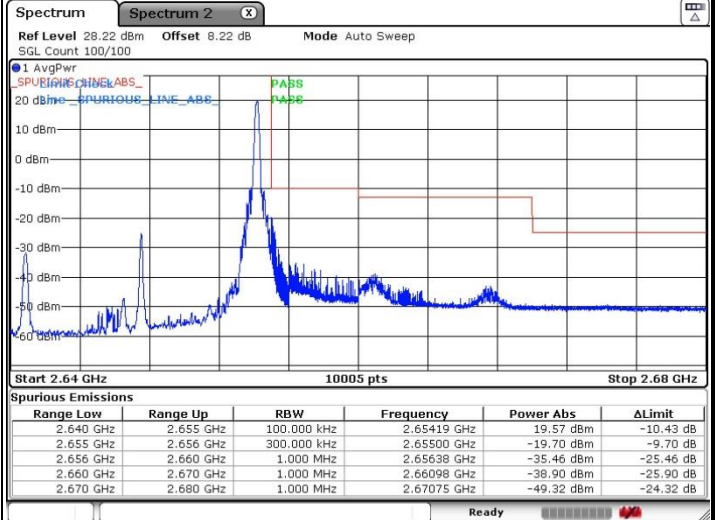
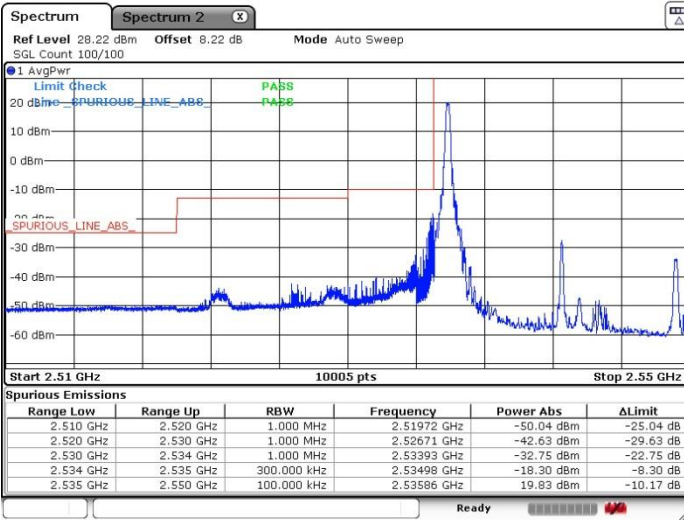
Date: 7.DEC.2020 17:48:10



LTE Band 41 / 15MHz / 64QAM

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB

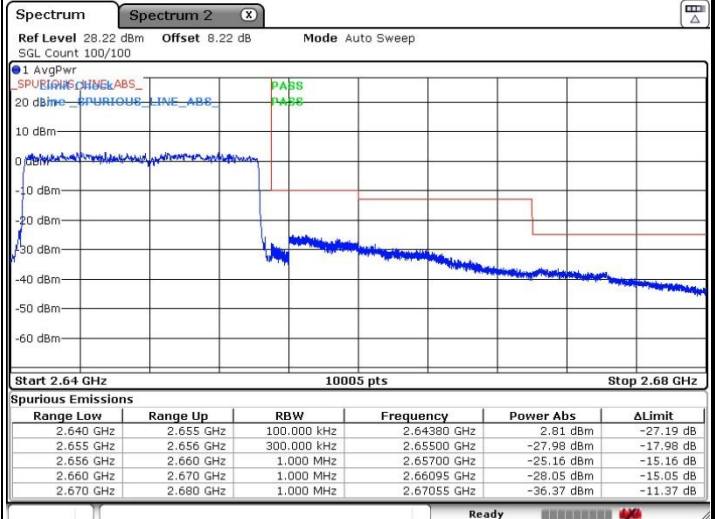
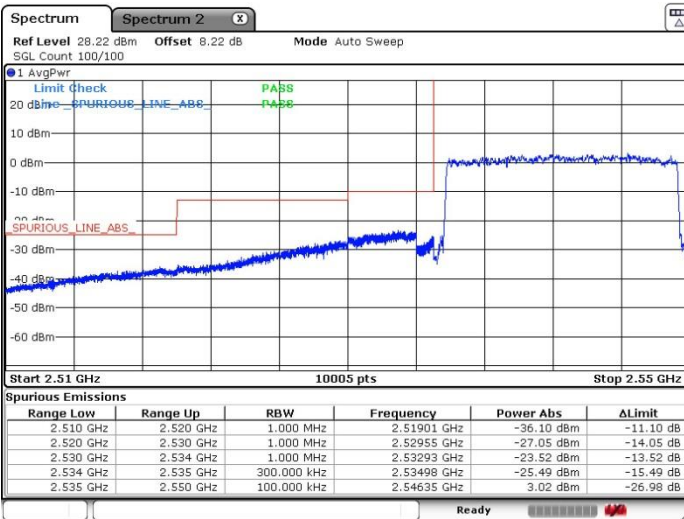


Date: 7.DEC.2020 17:55:39

Date: 7.DEC.2020 17:45:09

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 7.DEC.2020 17:52:00

Date: 7.DEC.2020 17:48:51