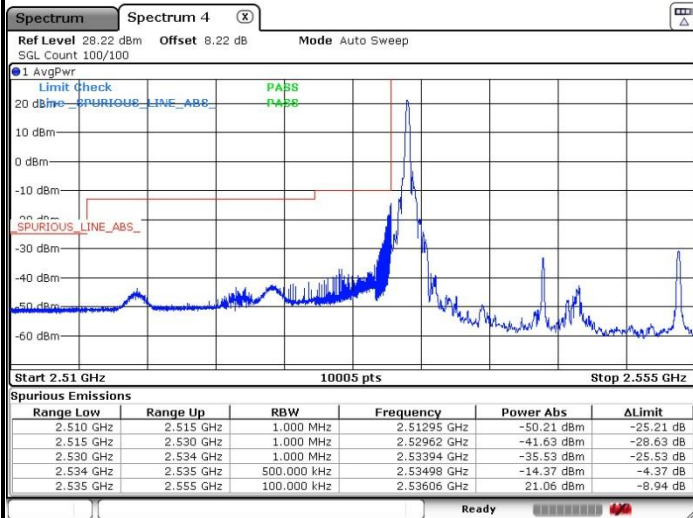




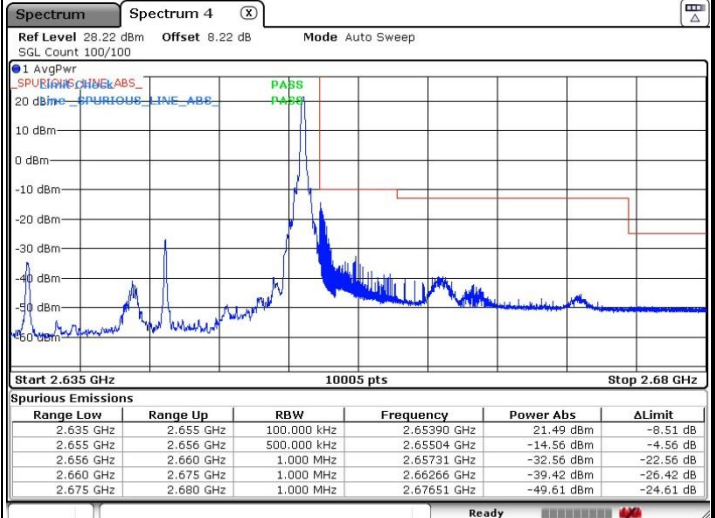
LTE Band 41 / 20MHz / QPSK

Lowest Band Edge / 1 RB



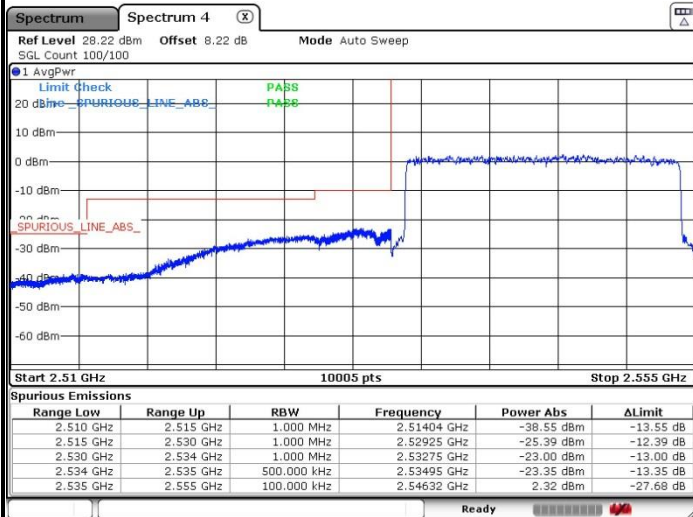
Date: 7.DEC.2020 16:36:38

Highest Band Edge / 1 RB



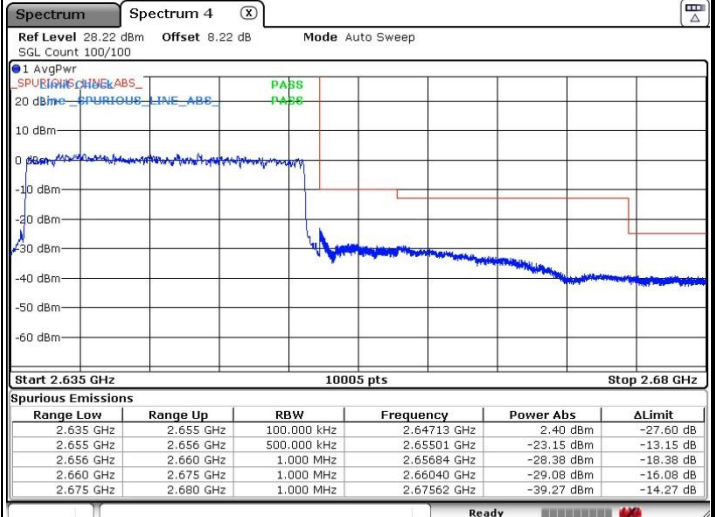
Date: 7.DEC.2020 16:18:55

Lowest Band Edge / Full RB



Date: 7.DEC.2020 16:37:58

Highest Band Edge / Full RB



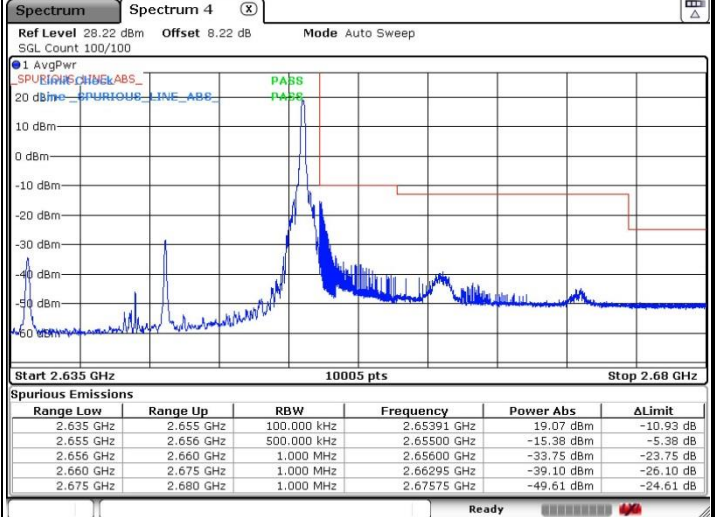
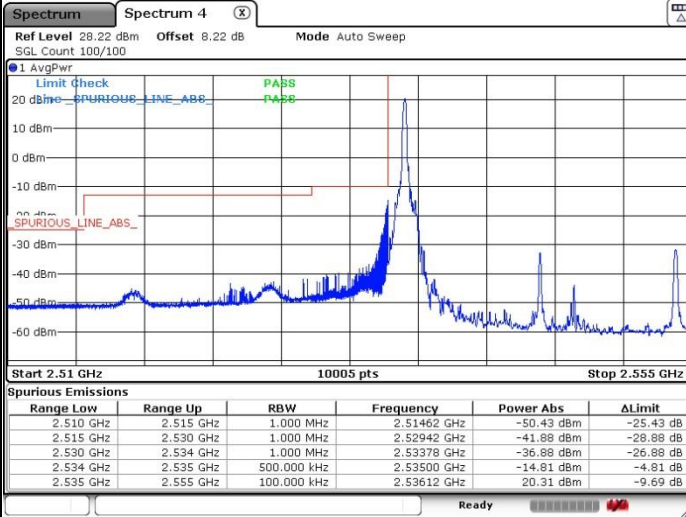
Date: 7.DEC.2020 16:23:09



LTE Band 41 / 20MHz / 16QAM

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB

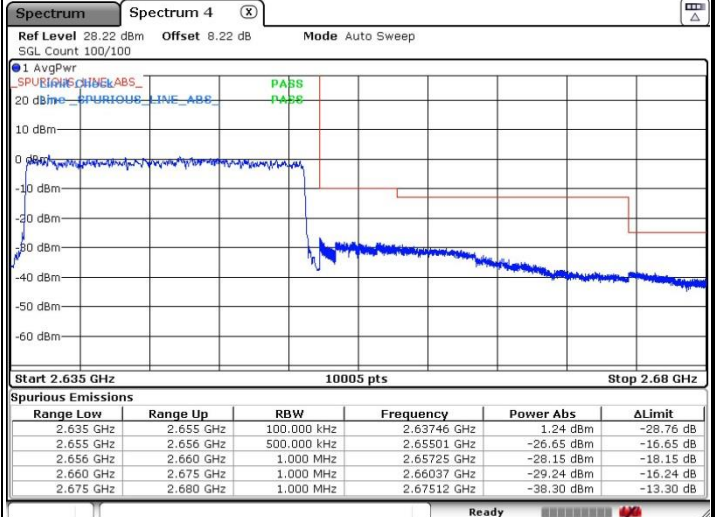
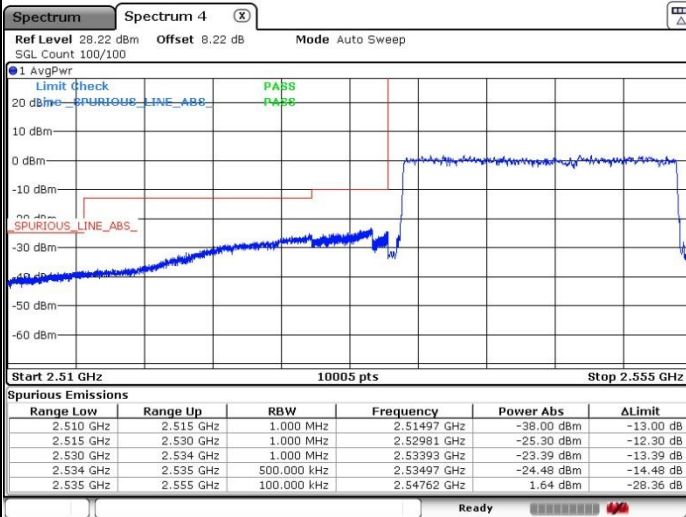


Date: 7.DEC.2020 16:34:43

Date: 7.DEC.2020 16:19:46

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



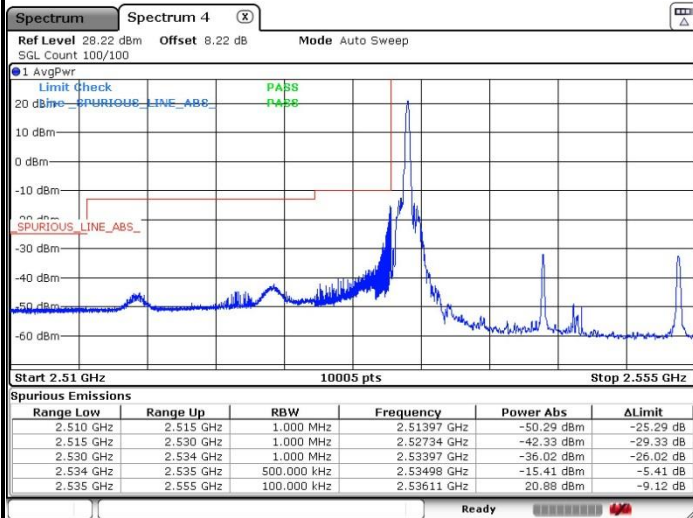
Date: 7.DEC.2020 16:38:51

Date: 7.DEC.2020 16:22:16

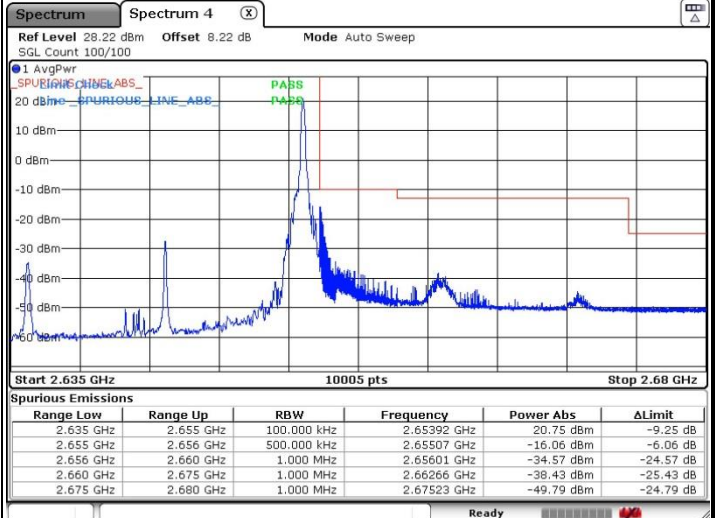


LTE Band 41 / 20MHz / 64QAM

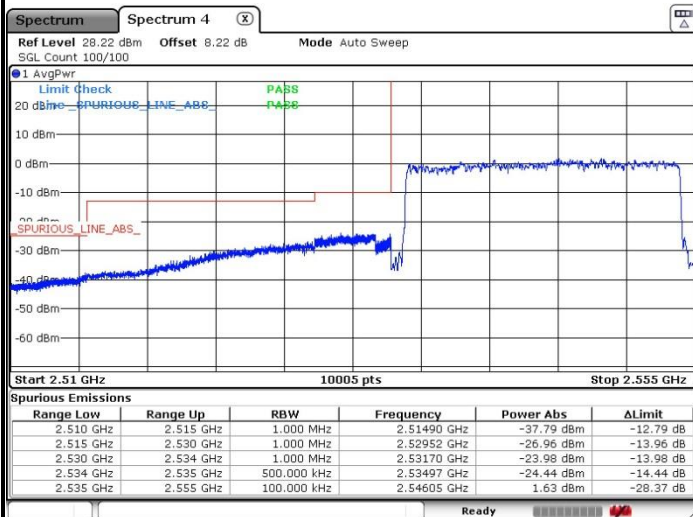
Lowest Band Edge / 1 RB



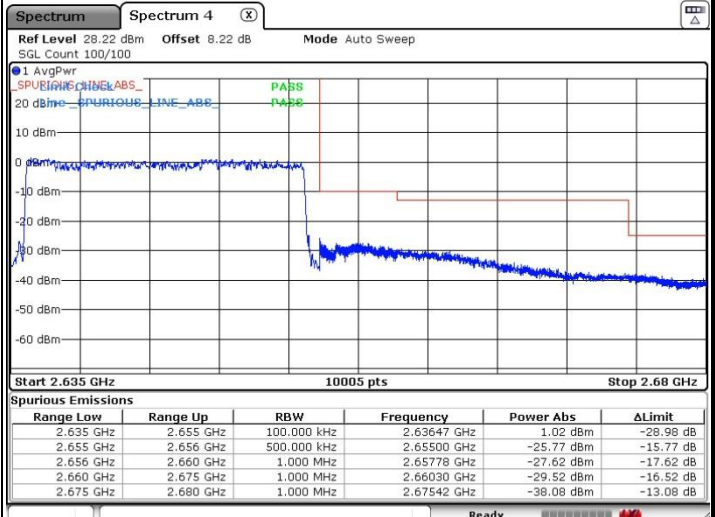
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



Highest Band Edge / Full RB



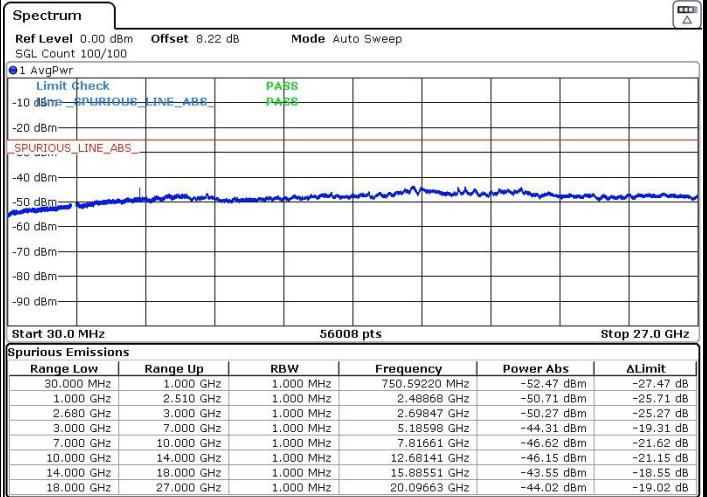
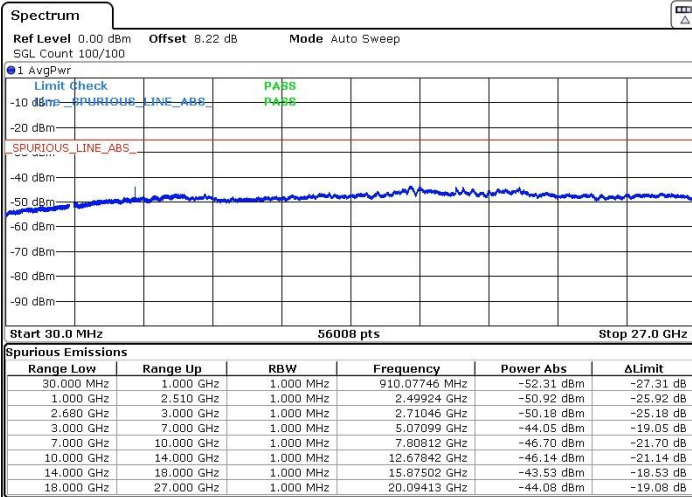


# Conducted Spurious Emission

## LTE Band 41 / 5MHz /1RB0

### Lowest Channel / QPSK

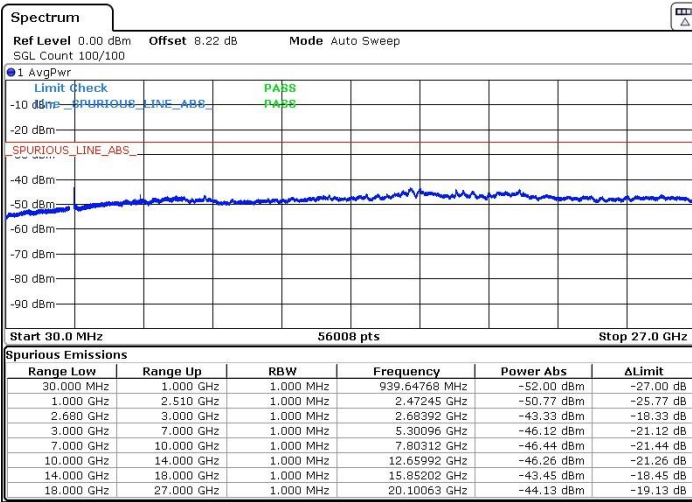
### Middle Channel / QPSK



Date: 7.DEC.2020 17:32:44

Date: 7.DEC.2020 17:28:51

### Highest Channel / QPSK



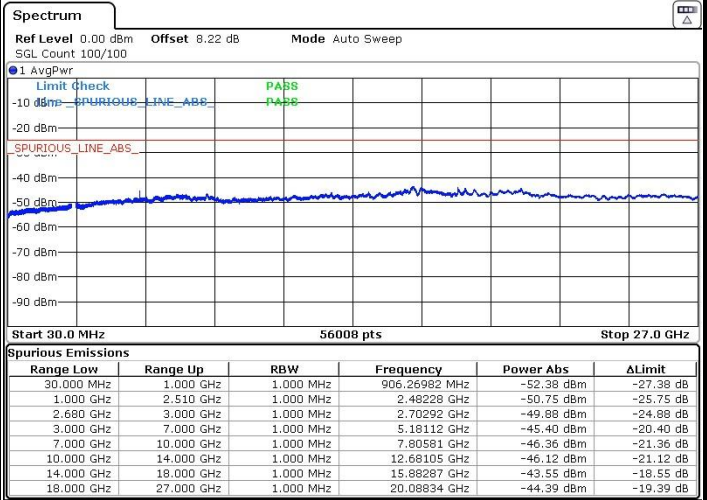
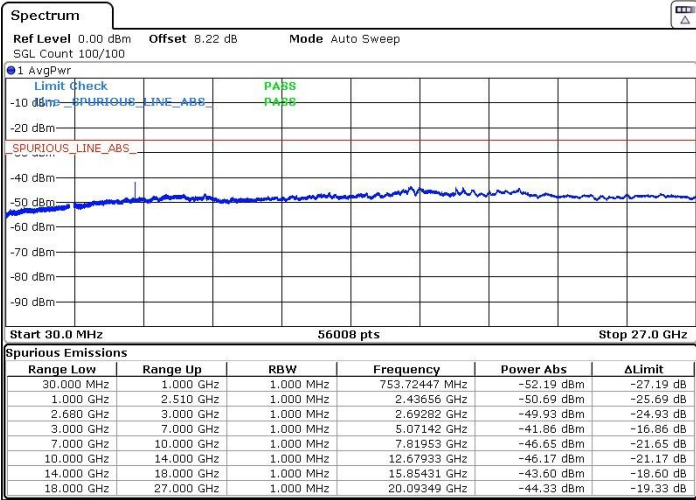
Date: 7.DEC.2020 17:24:50



LTE Band 41 / 10MHz /1RB0

Lowest Channel / QPSK

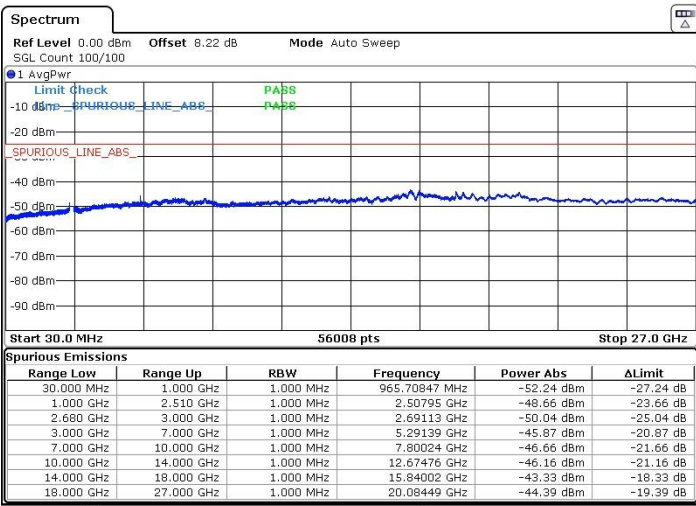
Middle Channel / QPSK



Date: 7.DEC.2020 17:03:18

Date: 7.DEC.2020 17:07:09

Highest Channel / QPSK



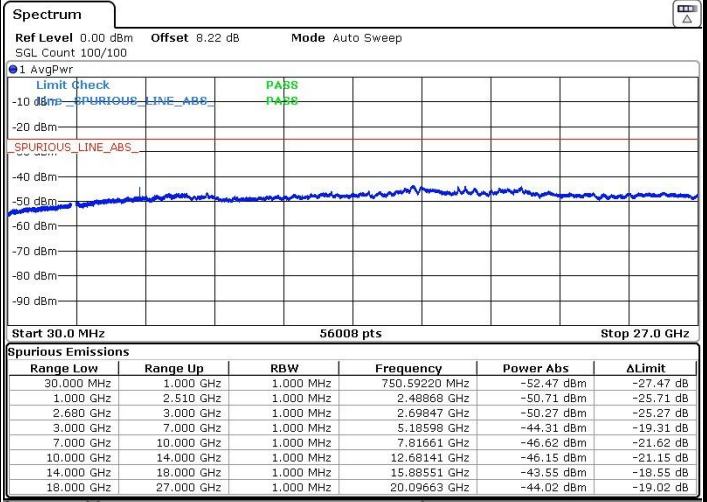
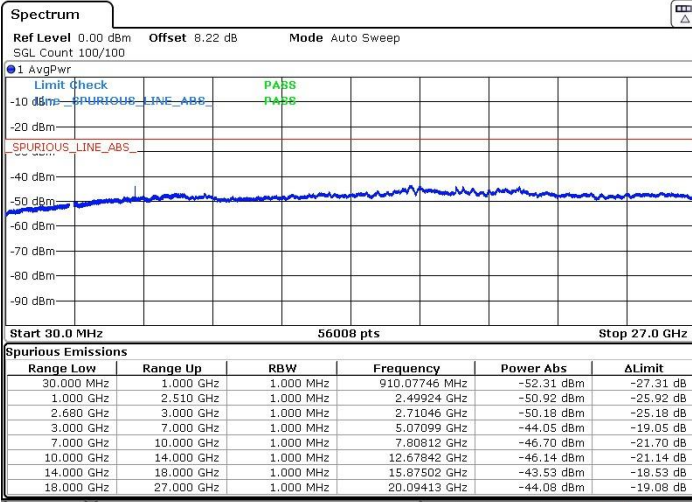
Date: 7.DEC.2020 17:10:55



LTE Band 41 / 15MHz /1RB0

Lowest Channel / QPSK

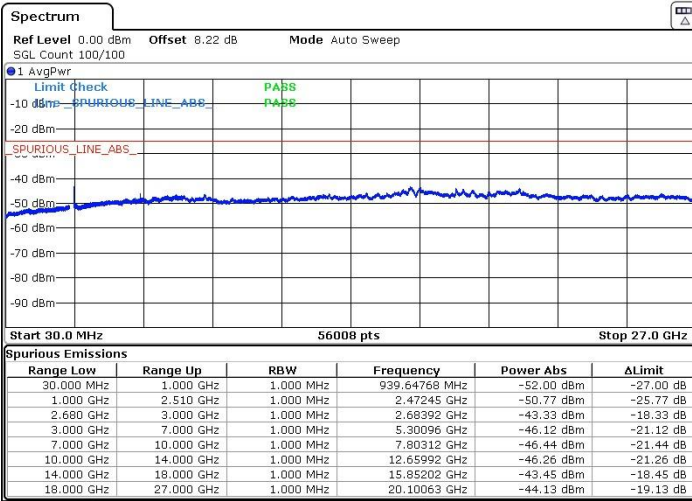
Middle Channel / QPSK



Date: 7.DEC.2020 17:32:44

Date: 7.DEC.2020 17:28:51

Highest Channel / QPSK



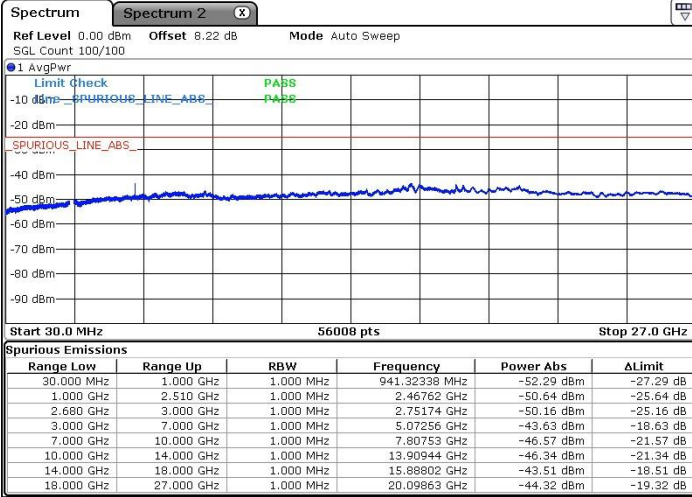
Date: 7.DEC.2020 17:24:50



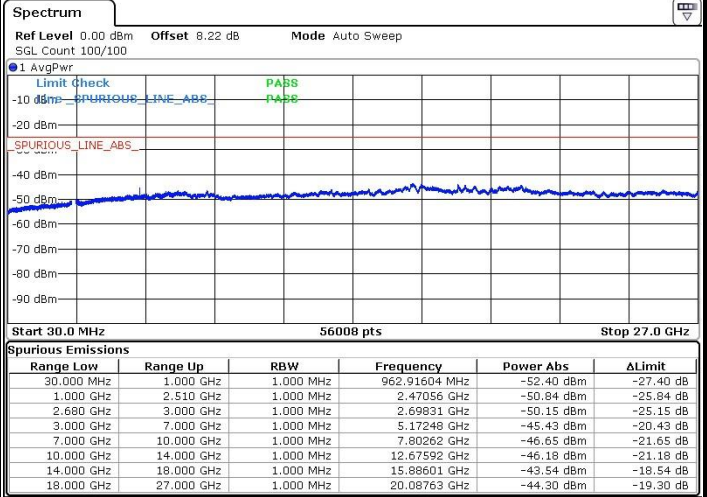
LTE Band 41 / 20MHz/1RB0

Lowest Channel / QPSK

Middle Channel / QPSK

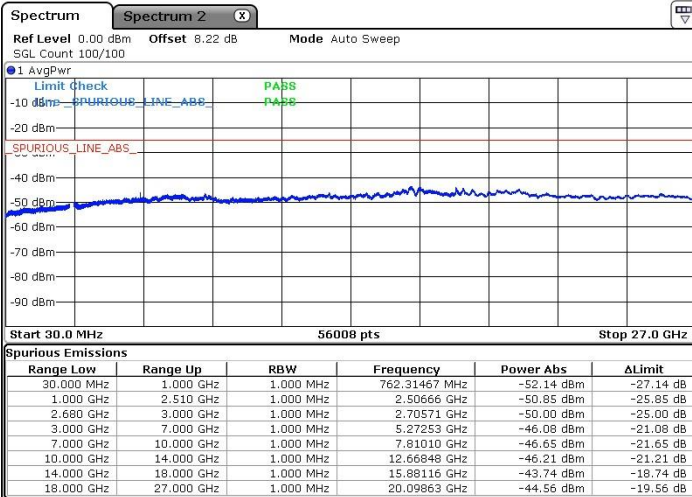


Date: 7.DEC.2020 15:55:34



Date: 7.DEC.2020 15:36:07

Highest Channel / QPSK



Date: 7.DEC.2020 16:01:04



### Frequency Stability

Test Conditions		LTE Band 41 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 20MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	-0.0058	PASS
40	Normal Voltage	-0.0008	
30	Normal Voltage	0.0020	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0064	
0	Normal Voltage	0.0005	
-10	Normal Voltage	0.0001	
-20	Normal Voltage	0.0005	
-30	Normal Voltage	0.0010	
20	Maximum Voltage	0.0018	
20	Normal Voltage	0.0001	
20	Battery End Point	0.0020	

**Note:**

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

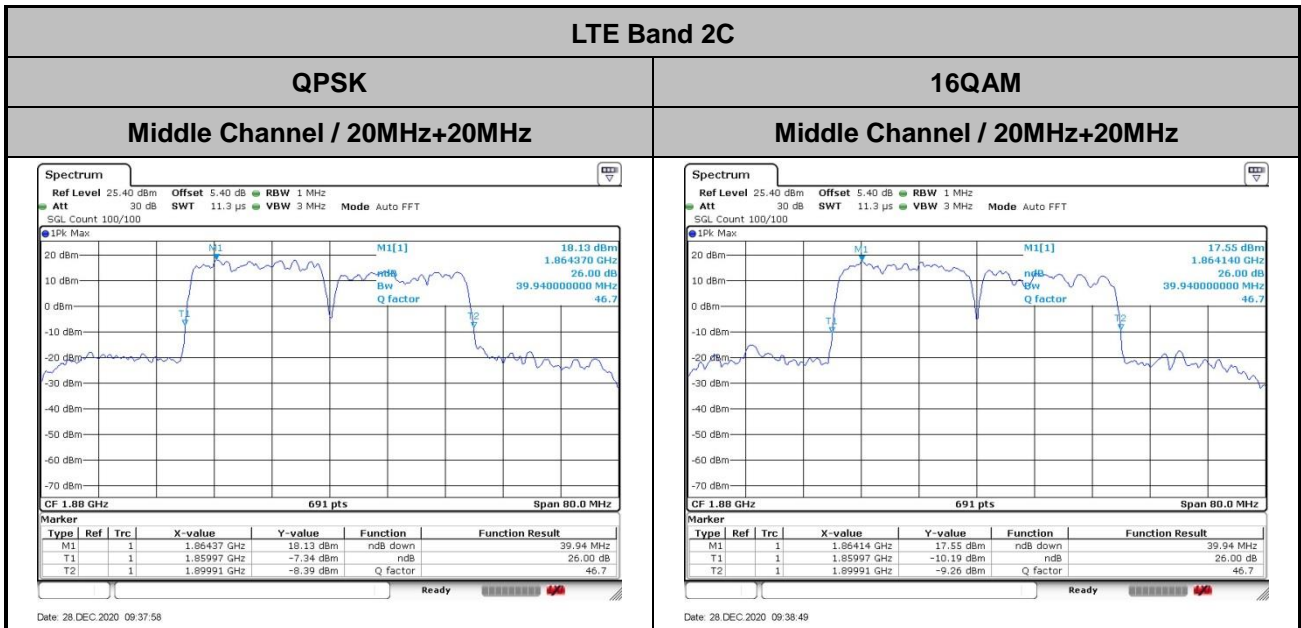




# LTE Band 2C

## 26dB Bandwidth

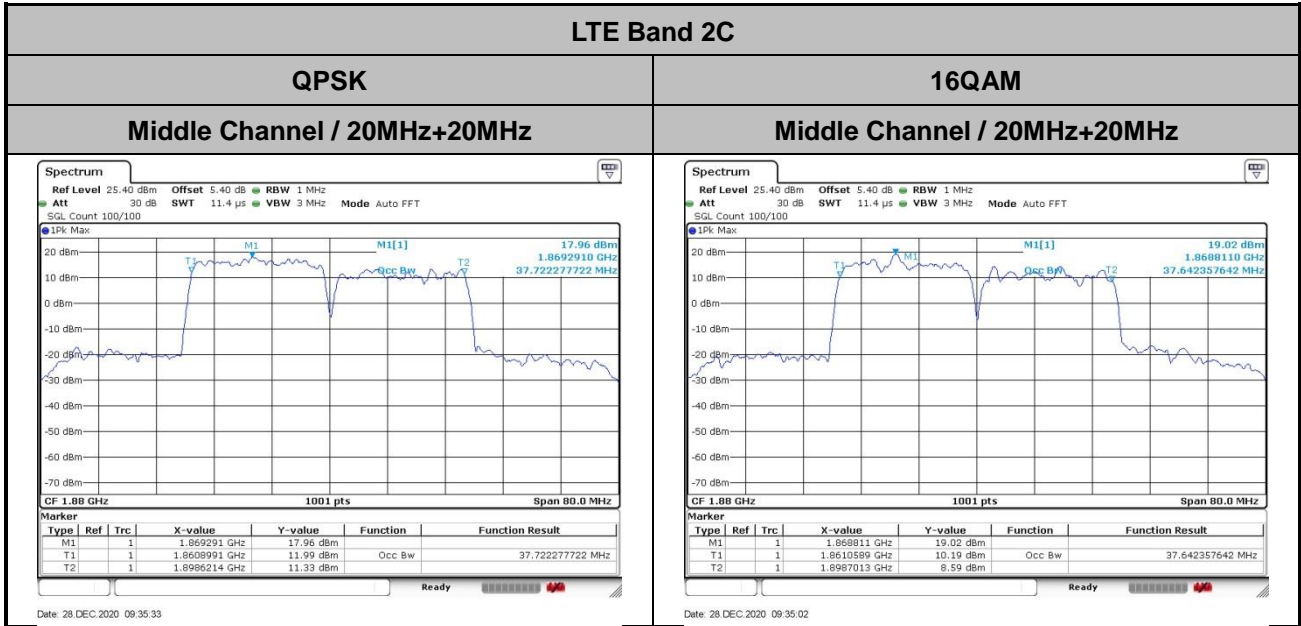
Mode	LTE Band 2C : 26dB BW(MHz)	
	QPSK	16QAM
BW	20MHz+20MHz	20MHz+20MHz
Middle CH	39.94	39.94





## Occupied Bandwidth

<b>Mode</b>	<b>LTE Band 2C : 99%OBW(MHz)</b>	
	<b>QPSK</b>	<b>16QAM</b>
<b>BW</b>	<b>20MHz+20MHz</b>	<b>20MHz+20MHz</b>
<b>Middle CH</b>	<b>37.72</b>	<b>37.64</b>





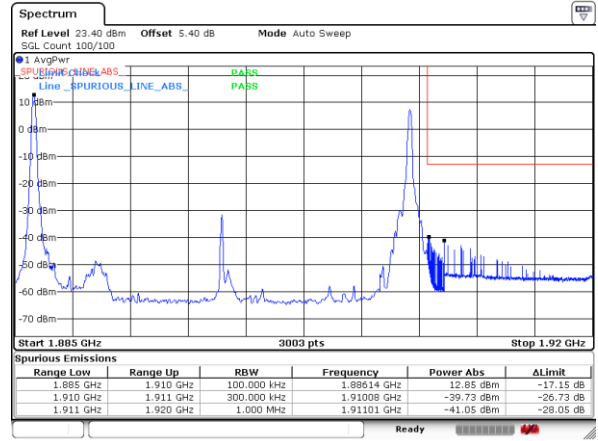
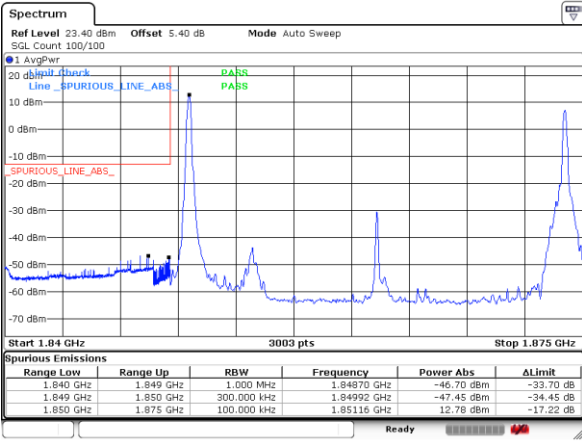
# Conducted Band Edge

## LTE Band 2C / 5MHz+20MHz

### QPSK

#### Lowest Band Edge / 1RB0 and 1RB99

#### Highest Band Edge / 1RB0 and 1RB99

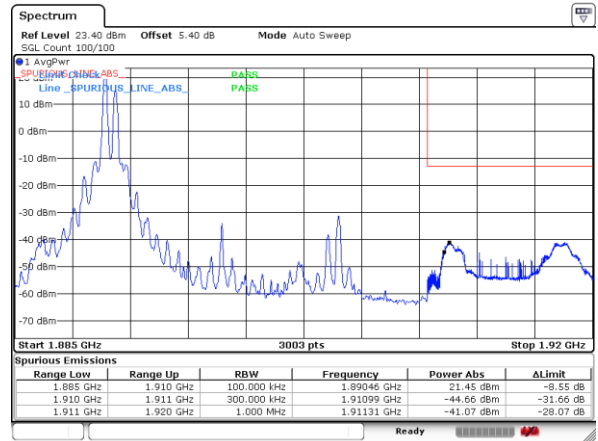
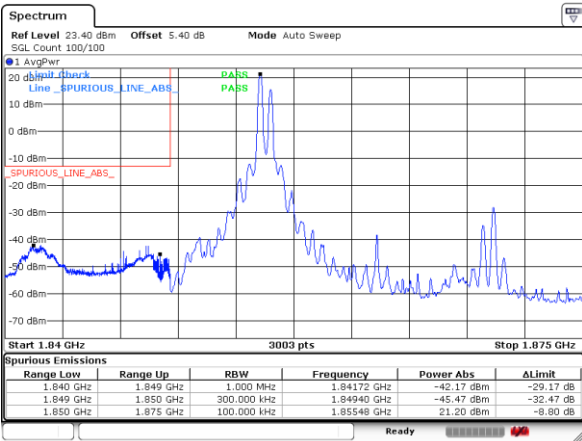


Date: 25 DEC 2020 22:41:59

Date: 25 DEC 2020 22:55:30

#### Lowest Band Edge / 1RB24 and 1RB0

#### Highest Band Edge / 1RB24 and 1RB0



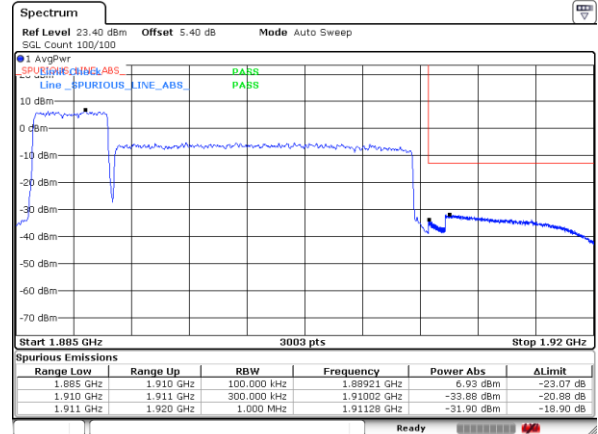
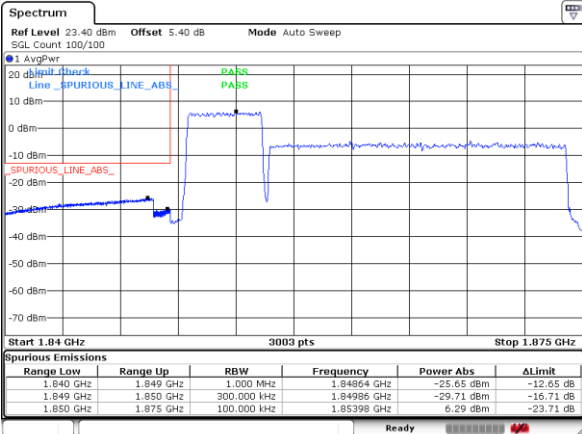
Date: 25 DEC 2020 22:45:13

Date: 25 DEC 2020 22:56:41



Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 25 DEC 2020 22:45:53

Date: 25 DEC 2020 22:59:23

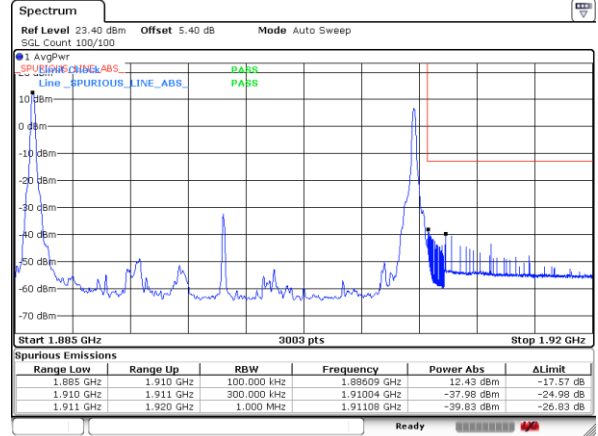
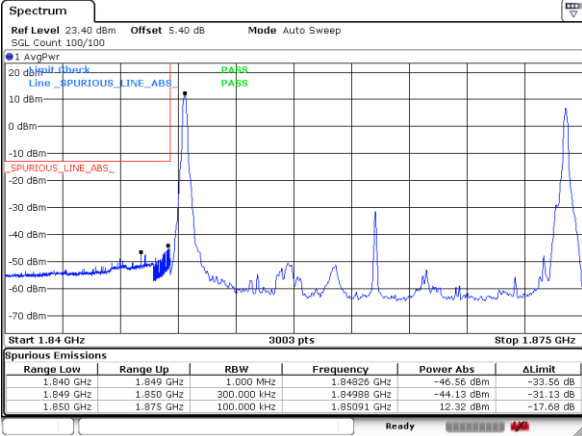


LTE Band 2C / 10MHz+15MHz

QPSK

Lowest Band Edge / 1RB0 and 1RB74

Highest Band Edge / 1RB0 and 1RB74

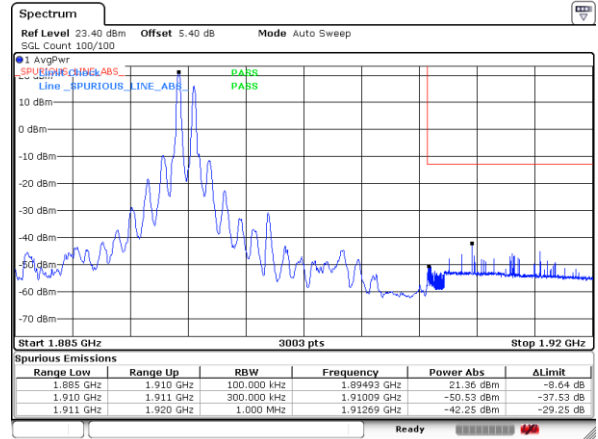
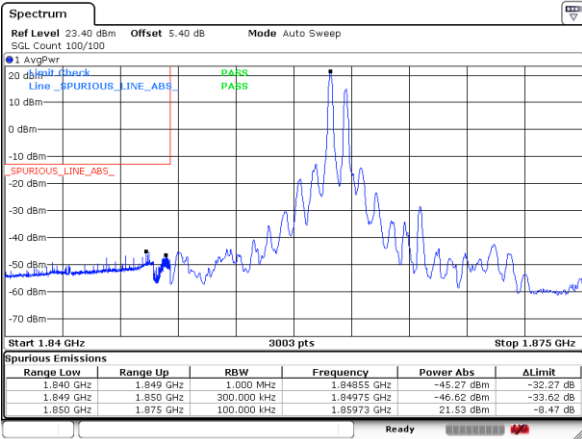


Date: 25 DEC 2020 23:33:36

Date: 25 DEC 2020 23:48:44

Lowest Band Edge / 1RB49 and 1RB0

Highest Band Edge / 1RB49 and 1RB0

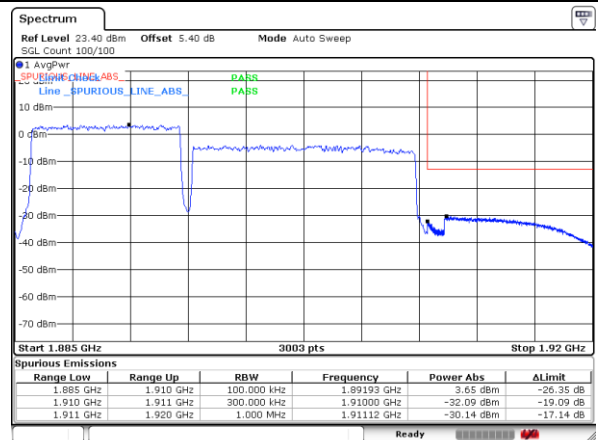
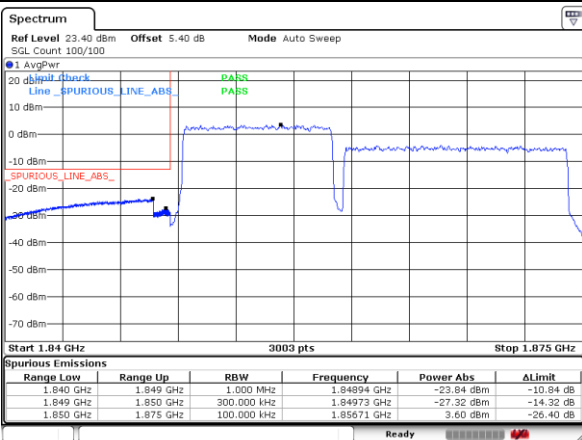


Date: 25 DEC 2020 23:34:21

Date: 25 DEC 2020 23:48:07

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 25 DEC 2020 23:30:17

Date: 25 DEC 2020 23:52:49

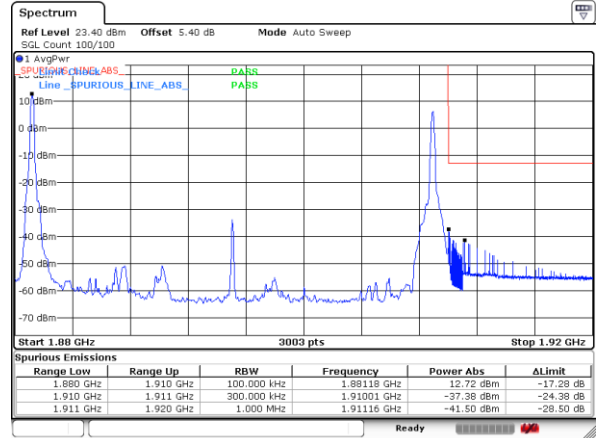
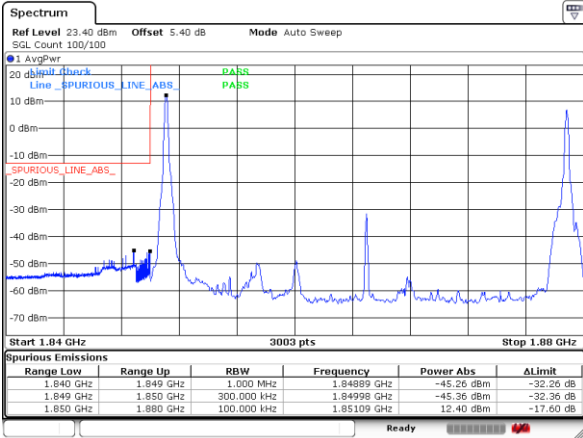


LTE Band 2C / 10MHz+20MHz

QPSK

Lowest Band Edge / 1RB0 and 1RB99

Highest Band Edge / 1RB0 and 1RB99

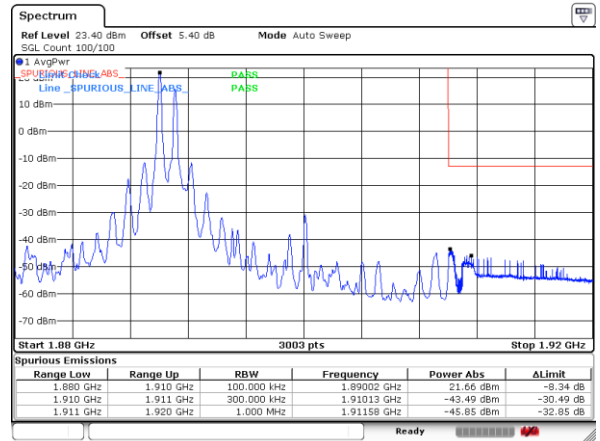
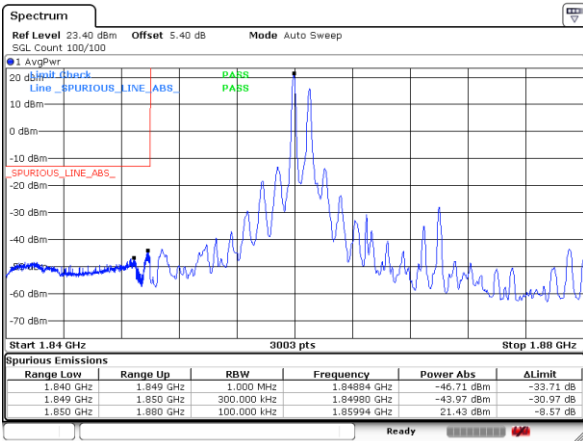


Date: 26 DEC 2020 00:54:47

Date: 26 DEC 2020 00:47:05

Lowest Band Edge / 1RB49 and 1RB0

Highest Band Edge / 1RB49 and 1RB0

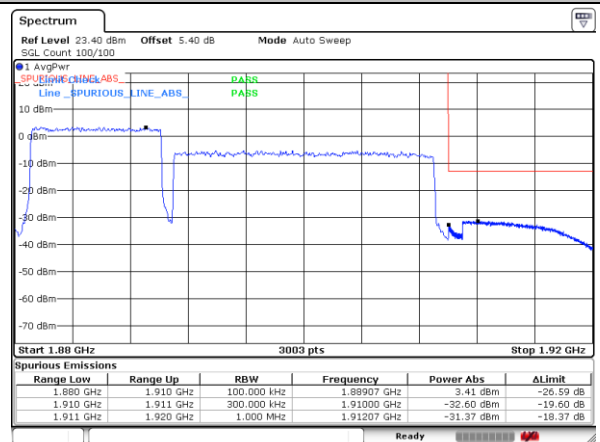
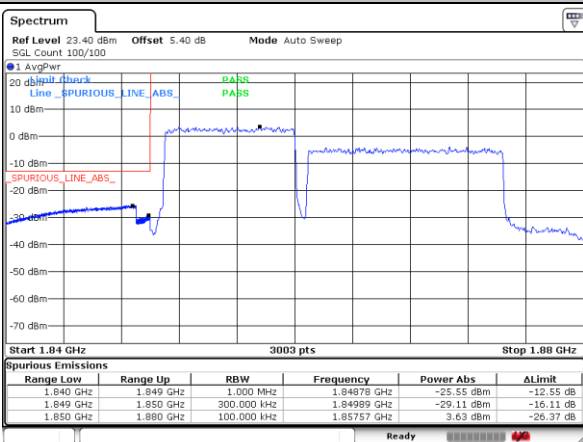


Date: 26 DEC 2020 00:57:25

Date: 26 DEC 2020 00:48:38

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 26 DEC 2020 00:53:23

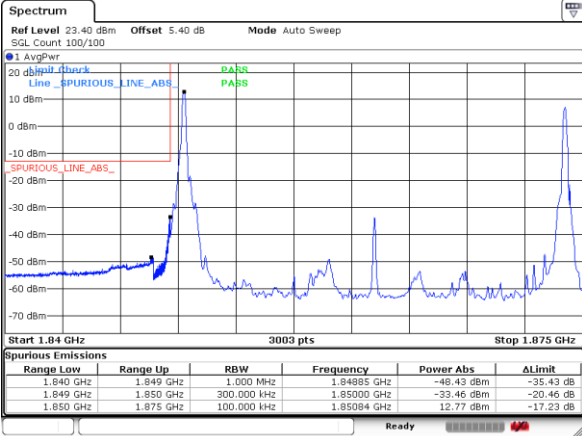
Date: 26 DEC 2020 00:42:13



LTE Band 2C / 15MHz+10MHz

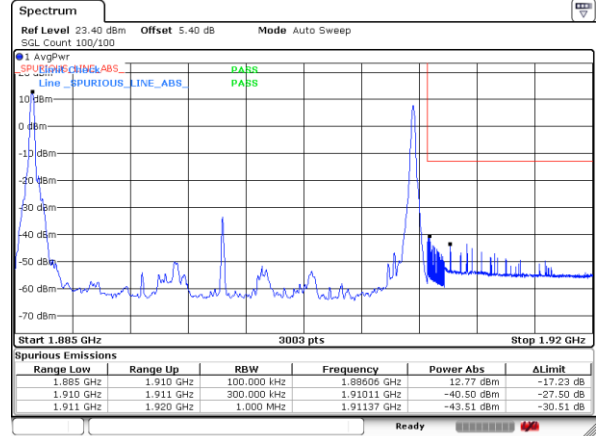
QPSK

Lowest Band Edge / 1RB0 and 1RB49



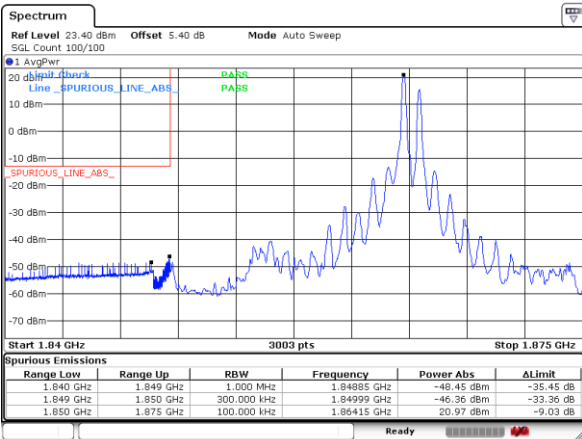
Date: 26 DEC.2020 00:16:23

Highest Band Edge / 1RB0 and 1RB49



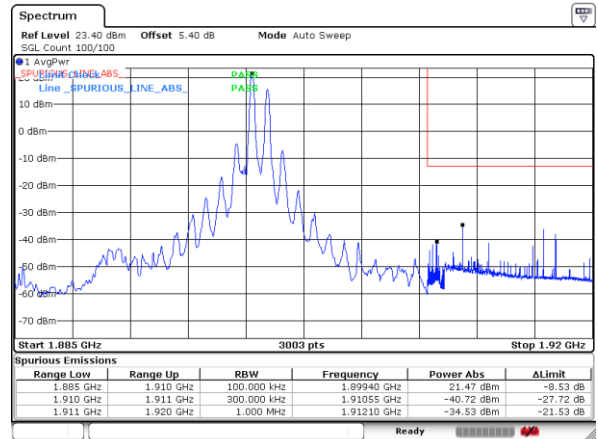
Date: 26 DEC.2020 00:31:33

Lowest Band Edge / 1RB74 and 1RB0



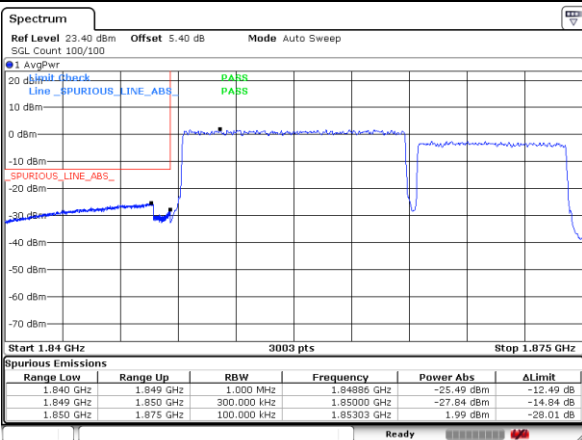
Date: 26 DEC.2020 00:17:06

Highest Band Edge / 1RB74 and 1RB0



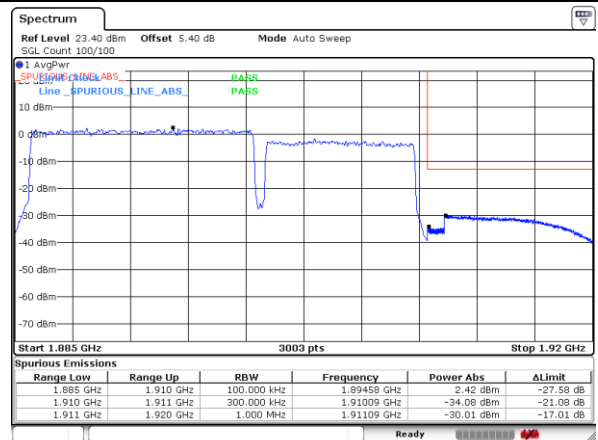
Date: 26 DEC.2020 00:34:19

Lowest Band Edge / Full RB



Date: 26 DEC.2020 00:11:43

Highest Band Edge / Full RB



Date: 26 DEC.2020 00:30:44

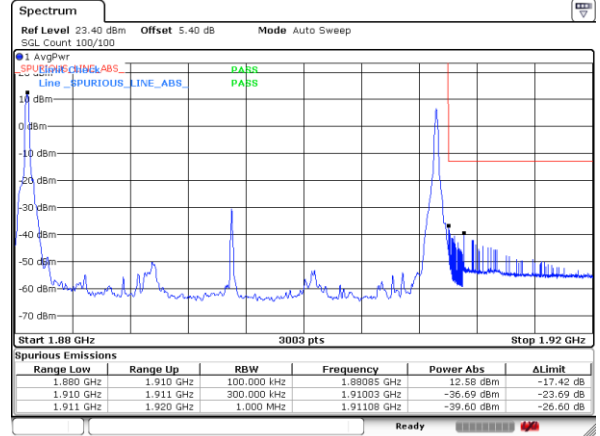
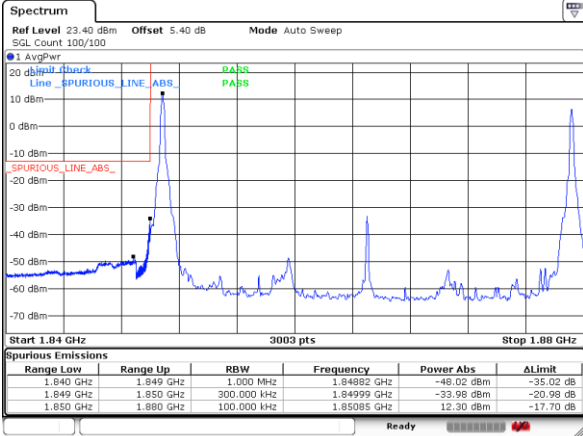


LTE Band 2C / 15MHz+15MHz

QPSK

Lowest Band Edge / 1RB0 and 1RB74

Highest Band Edge / 1RB0 and 1RB74

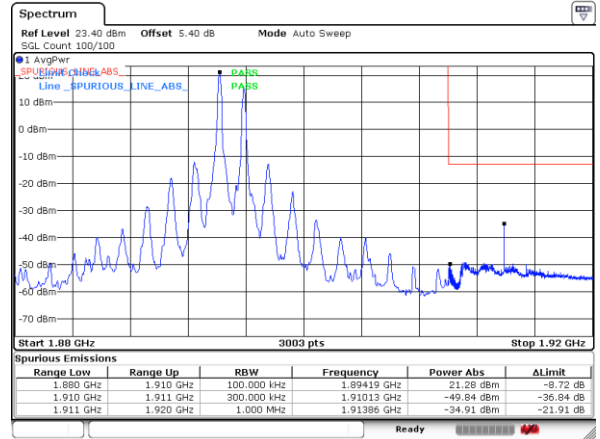
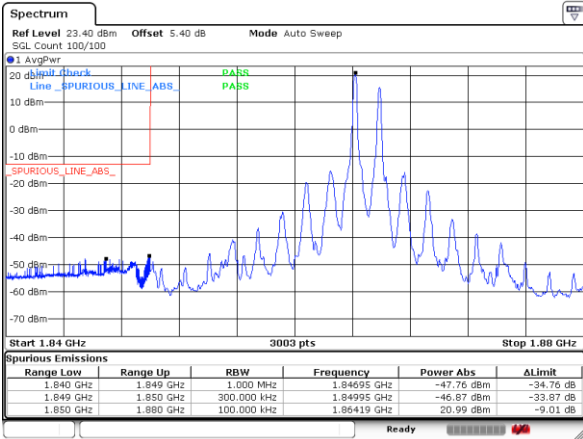


Date: 26 DEC 2020 01:59:25

Date: 26 DEC 2020 01:53:42

Lowest Band Edge / 1RB74 and 1RB0

Highest Band Edge / 1RB74 and 1RB0

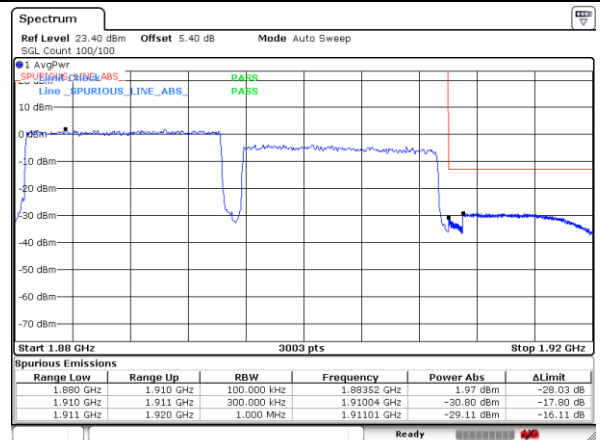
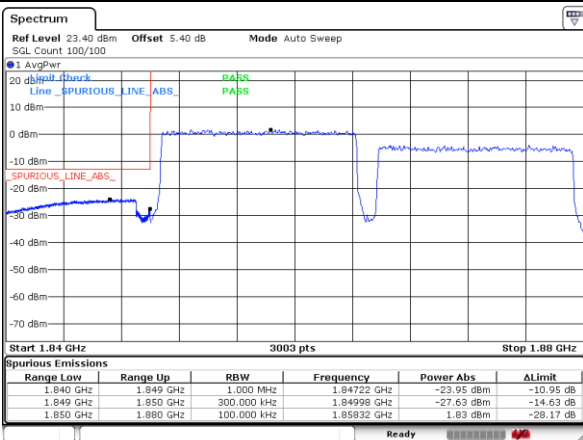


Date: 26 DEC 2020 02:02:12

Date: 26 DEC 2020 01:54:07

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 26 DEC 2020 01:58:30

Date: 26 DEC 2020 01:25:50

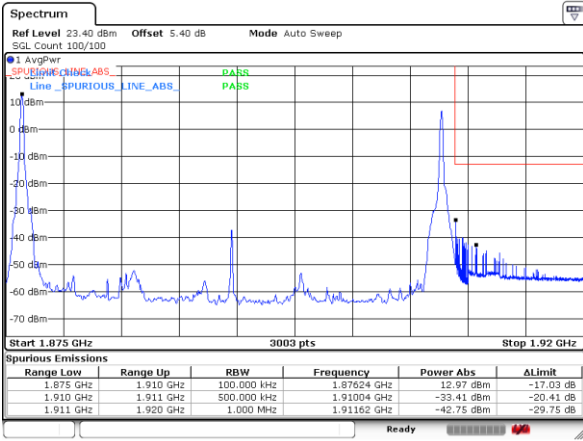




LTE Band 2C / 15MHz+20MHz

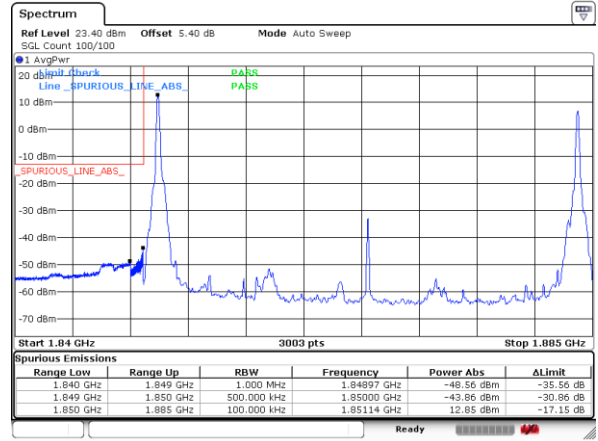
QPSK

Lowest Band Edge / 1RB0 and 1RB9



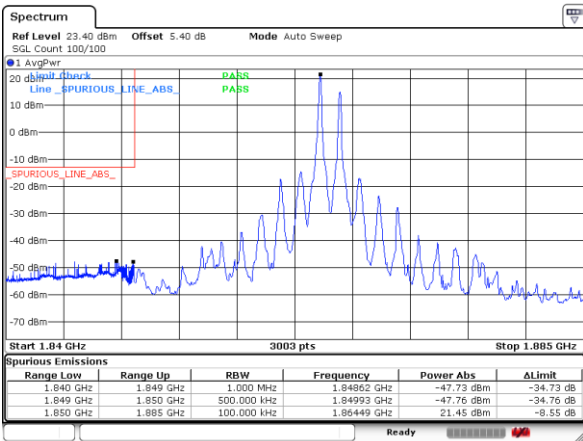
Date: 26 DEC 2020 02:24:25

Highest Band Edge / 1RB0 and 1RB9



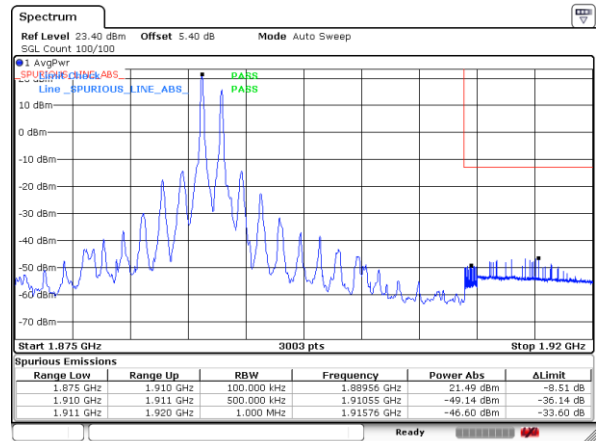
Date: 26 DEC 2020 02:16:02

Lowest Band Edge / 1RB74 and 1RB0



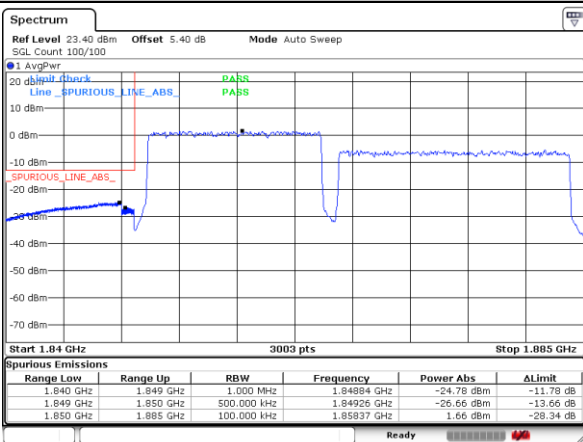
Date: 26 DEC 2020 02:16:29

Highest Band Edge / 1RB74 and 1RB0



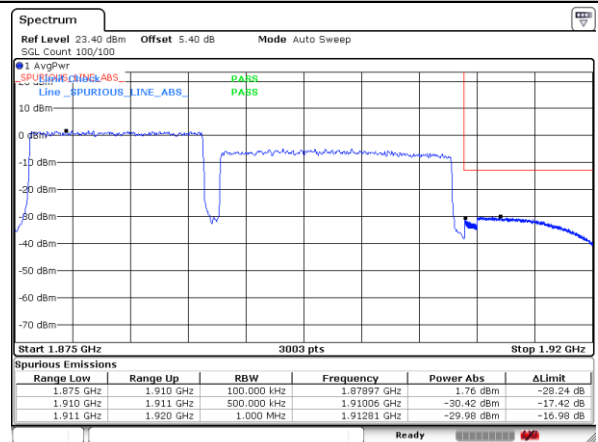
Date: 26 DEC 2020 02:25:39

Lowest Band Edge / Full RB



Date: 26 DEC 2020 02:12:59

Highest Band Edge / Full RB



Date: 26 DEC 2020 02:21:35

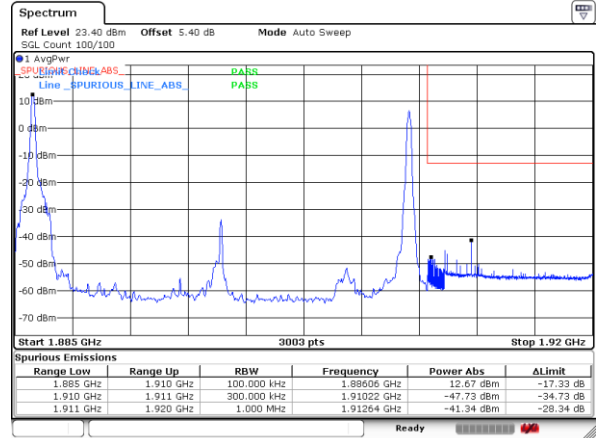


LTE Band 2C / 20MHz+5MHz

QPSK

Lowest Band Edge / 1RB0 and 1RB24

Highest Band Edge / 1RB0 and 1RB24

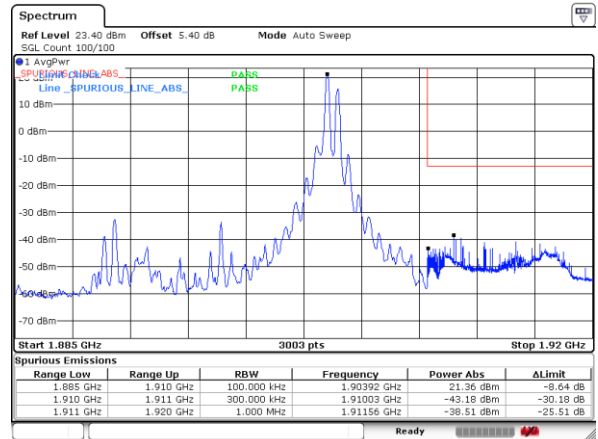
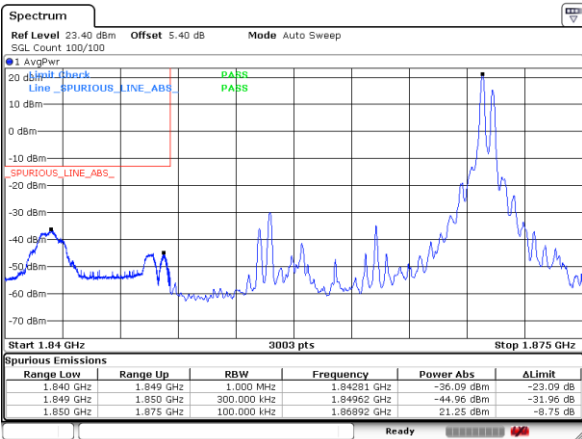


Date: 25 DEC 2020 23:15:45

Date: 25 DEC 2020 23:05:41

Lowest Band Edge / 1RB99 and 1RB0

Highest Band Edge / 1RB99 and 1RB0

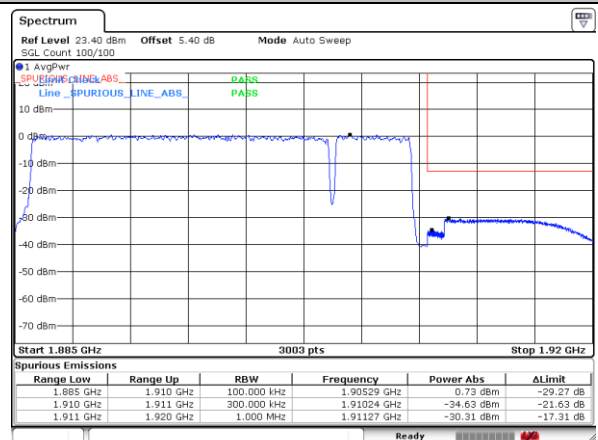
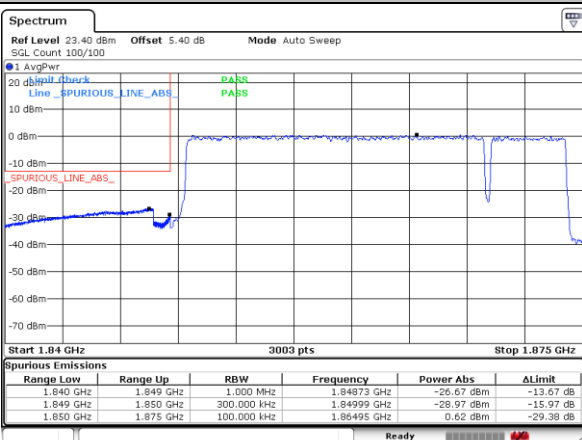


Date: 25 DEC 2020 23:15:06

Date: 25 DEC 2020 23:06:14

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 25 DEC 2020 23:18:35

Date: 25 DEC 2020 23:01:40

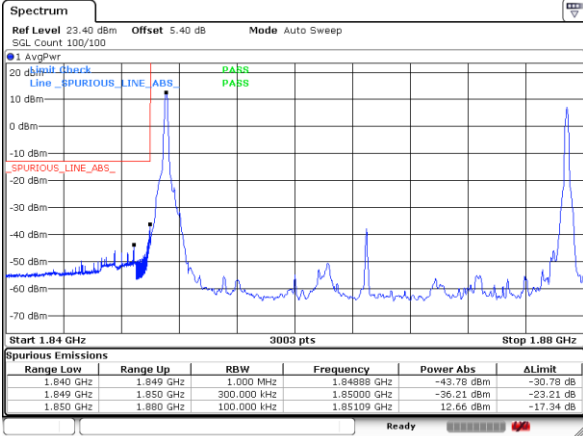


LTE Band 2C / 20MHz+10MHz

QPSK

Lowest Band Edge / 1RB0 and 1RB49

Highest Band Edge / 1RB0 and 1RB49

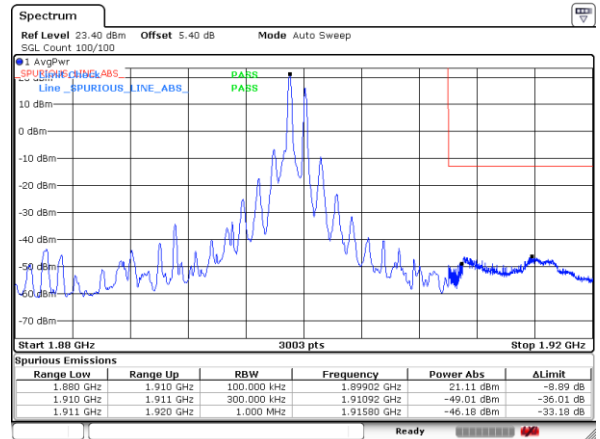
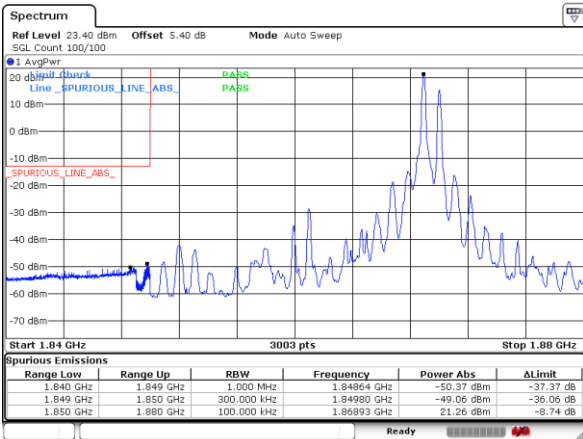


Date: 26 DEC 2020 01:09:04

Date: 26 DEC 2020 01:17:20

Lowest Band Edge / 1RB99 and 1RB0

Highest Band Edge / 1RB99 and 1RB0

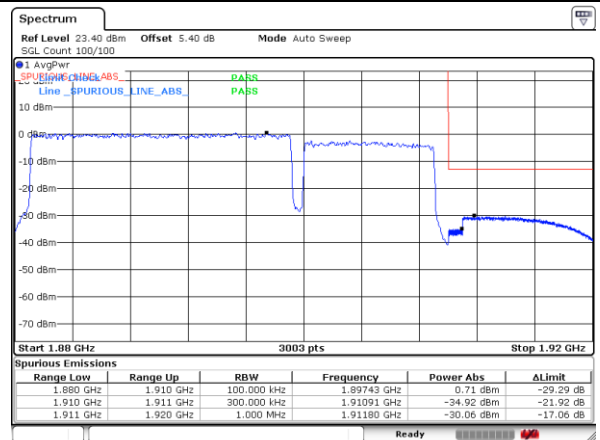
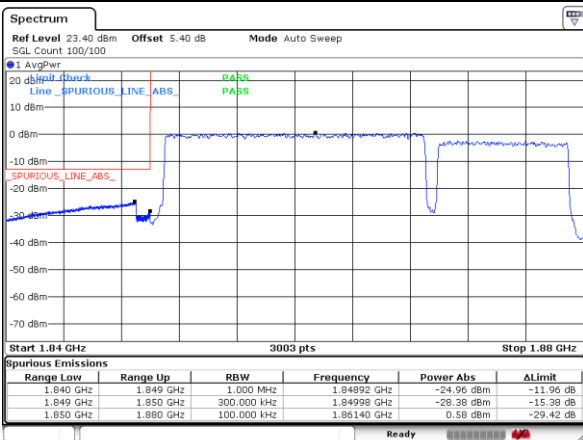


Date: 26 DEC 2020 01:10:02

Date: 26 DEC 2020 01:20:38

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 26 DEC 2020 01:05:21

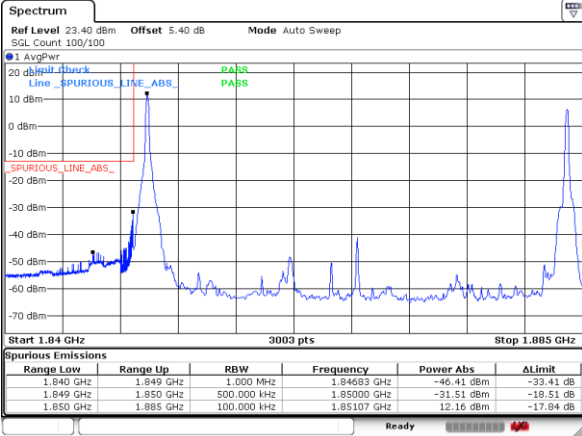
Date: 26 DEC 2020 01:16:02



LTE Band 2C / 20MHz+15MHz

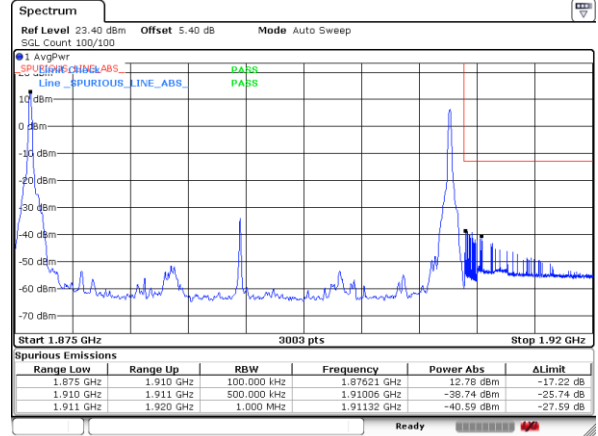
QPSK

Lowest Band Edge / 1RB0 and 1RB74



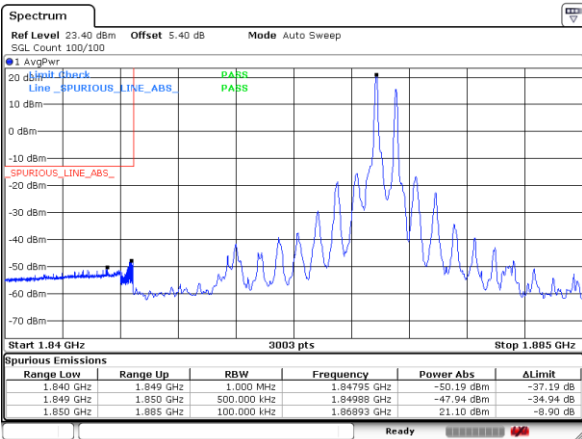
Date: 26 DEC 2020 02:43:08

Highest Band Edge / 1RB0 and 1RB74



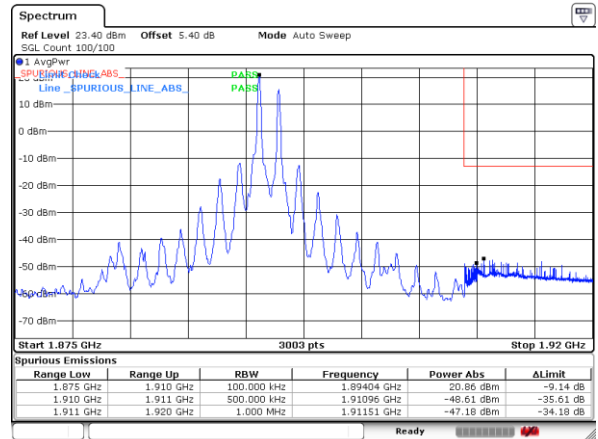
Date: 26 DEC 2020 02:35:23

Lowest Band Edge / 1RB99 and 1RB0



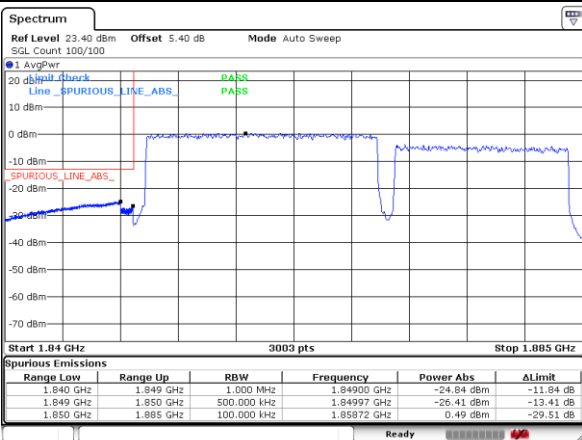
Date: 26 DEC 2020 02:43:35

Highest Band Edge / 1RB99 and 1RB0



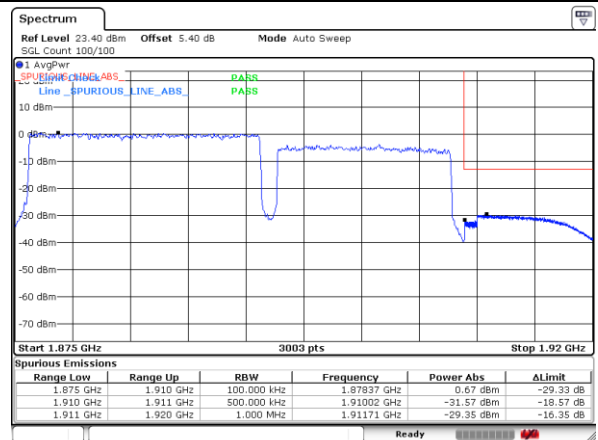
Date: 26 DEC 2020 02:37:55

Lowest Band Edge / Full RB



Date: 26 DEC 2020 02:40:25

Highest Band Edge / Full RB



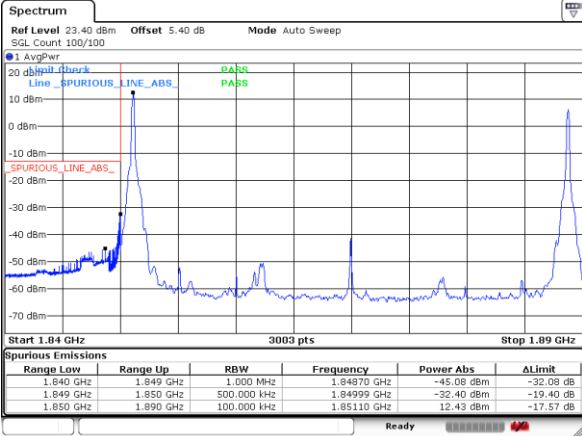
Date: 26 DEC 2020 02:34:50



LTE Band 2C / 20MHz+20MHz

QPSK

Lowest Band Edge / 1RB0 and 1RB9



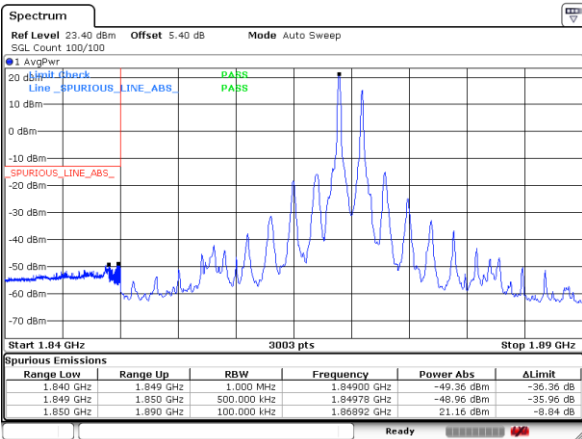
Date: 26 DEC 2020 02:50:16

Highest Band Edge / 1RB0 and 1RB9



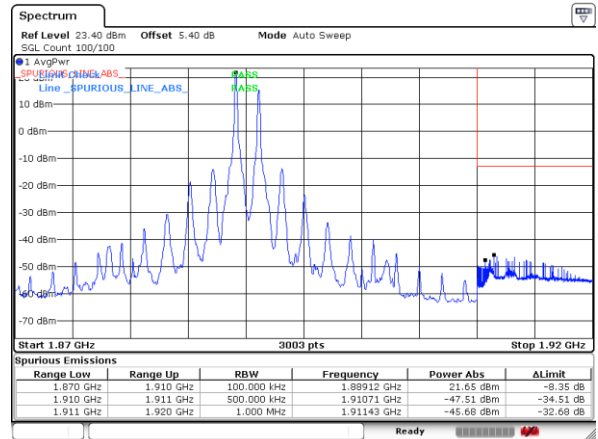
Date: 26 DEC 2020 02:50:30

Lowest Band Edge / 1RB99 and 1RB0



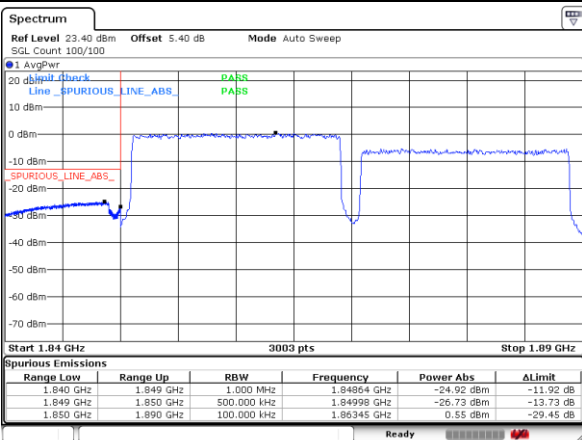
Date: 26 DEC 2020 02:52:44

Highest Band Edge / 1RB99 and 1RB0



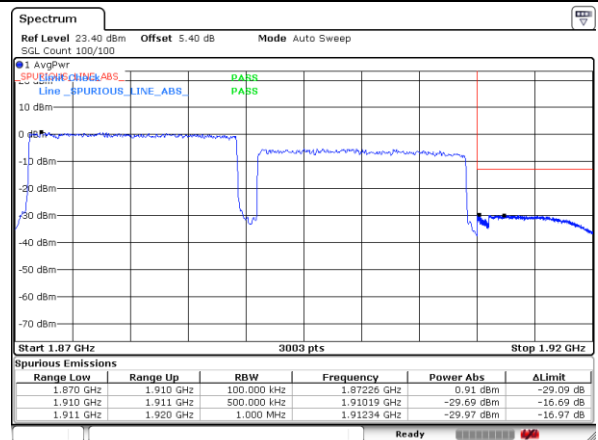
Date: 26 DEC 2020 02:58:54

Lowest Band Edge / Full RB



Date: 26 DEC 2020 02:49:45

Highest Band Edge / Full RB



Date: 26 DEC 2020 02:55:07

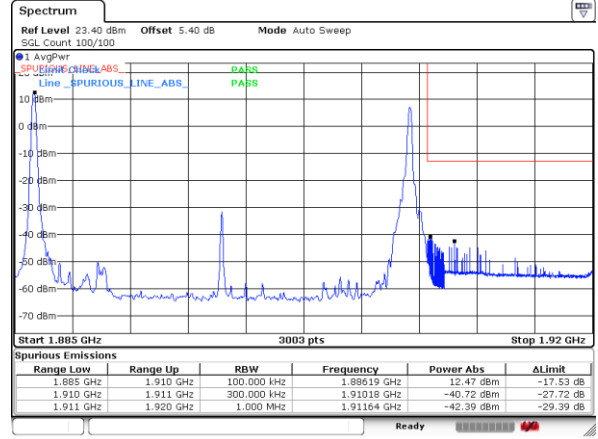
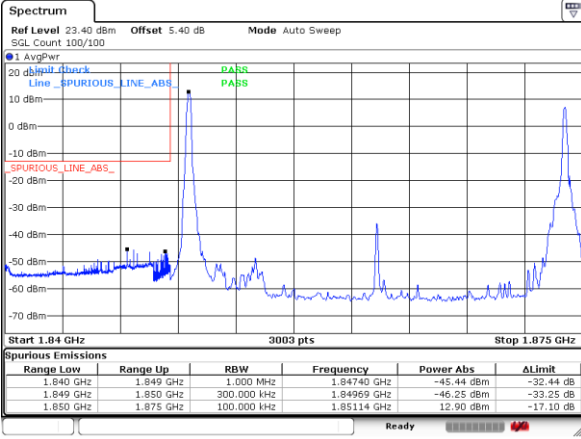


LTE Band 2C / 5MHz+20MHz

16QAM

Lowest Band Edge / 1RB0 and 1RB99

Highest Band Edge / 1RB0 and 1RB99

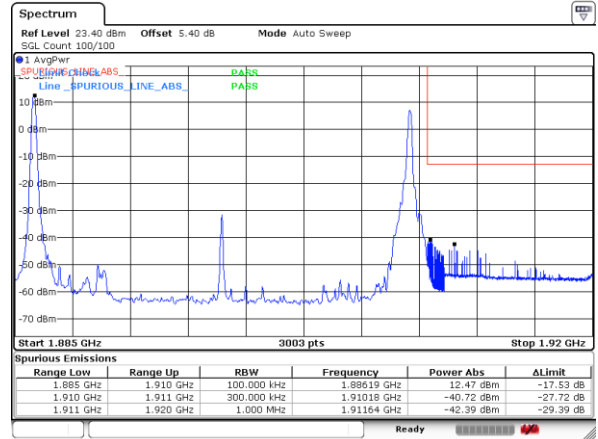
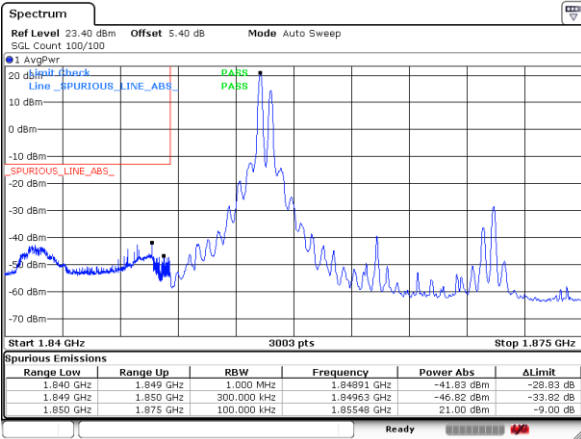


Date: 25 DEC 2020 22:42:59

Date: 25 DEC 2020 22:54:09

Lowest Band Edge / 1RB24 and 1RB0

Highest Band Edge / 1RB24 and 1RB0

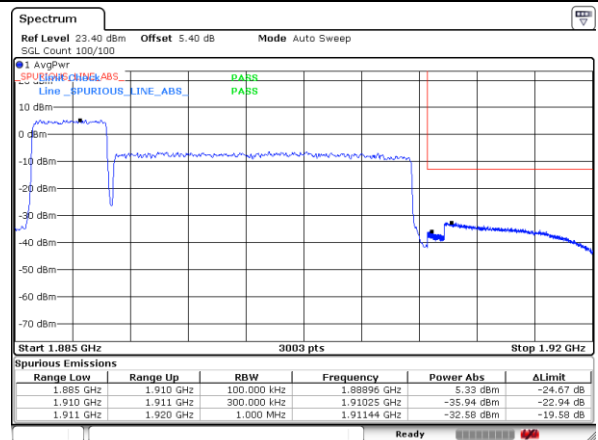
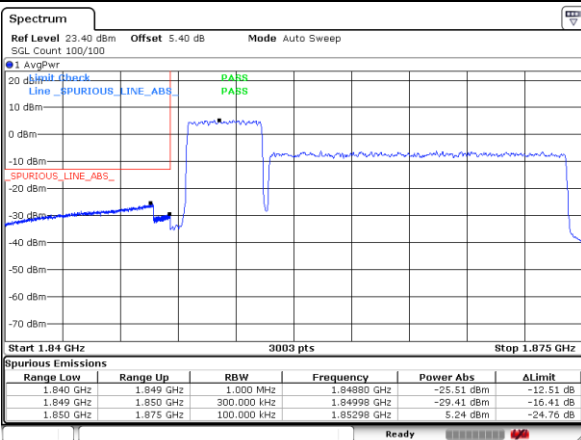


Date: 25 DEC 2020 22:44:43

Date: 25 DEC 2020 22:54:09

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 25 DEC 2020 22:46:24

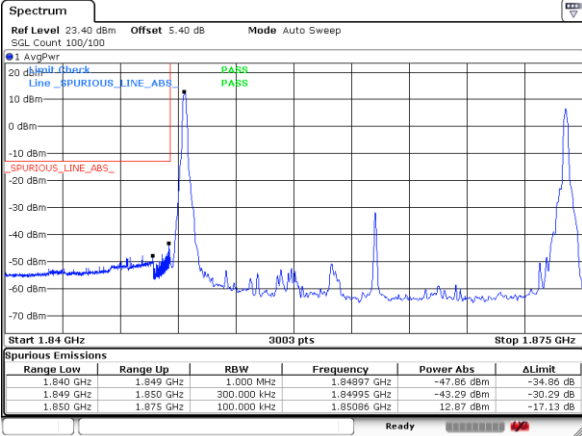
Date: 25 DEC 2020 22:59:00



LTE Band 2C / 10MHz+15MHz

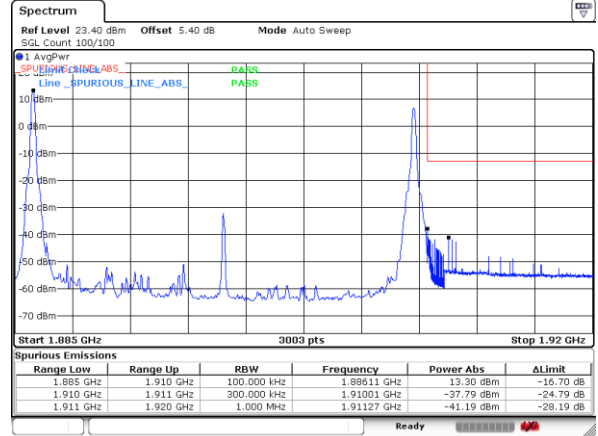
16QAM

Lowest Band Edge / 1RB0 and 1RB74



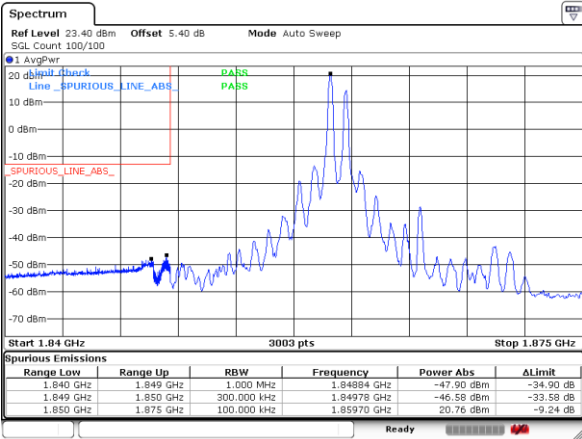
Date: 25 DEC 2020 23:33:09

Highest Band Edge / 1RB0 and 1RB74



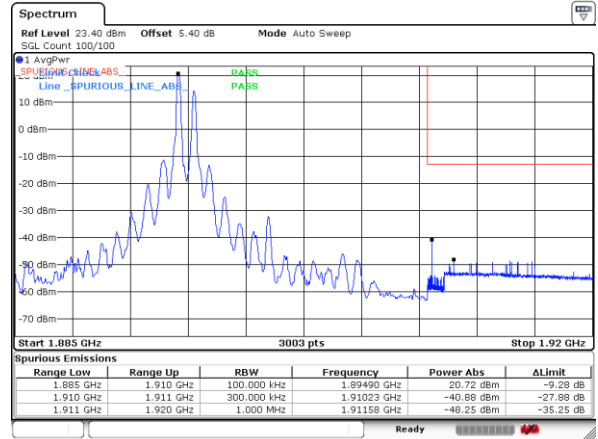
Date: 25 DEC 2020 23:50:21

Lowest Band Edge / 1RB49 and 1RB0



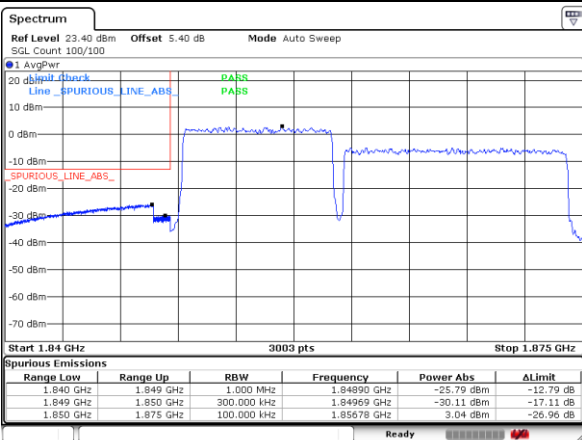
Date: 25 DEC 2020 23:35:14

Highest Band Edge / 1RB49 and 1RB0



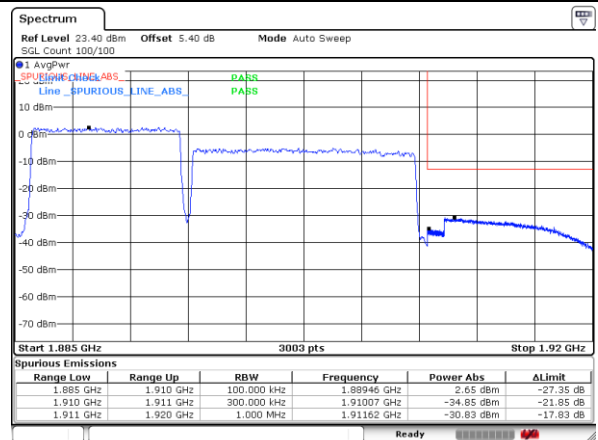
Date: 25 DEC 2020 23:47:32

Lowest Band Edge / Full RB



Date: 25 DEC 2020 23:31:07

Highest Band Edge / Full RB



Date: 25 DEC 2020 23:52:21

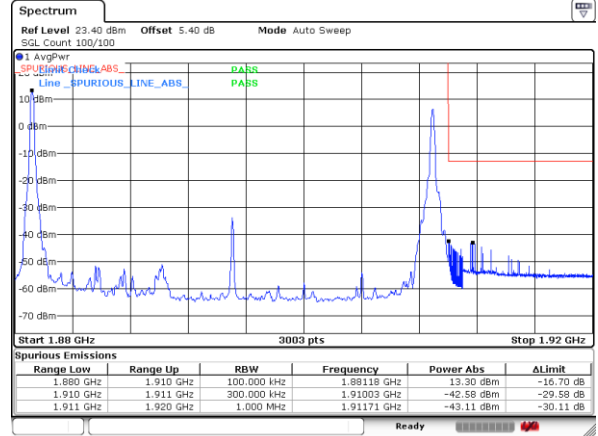
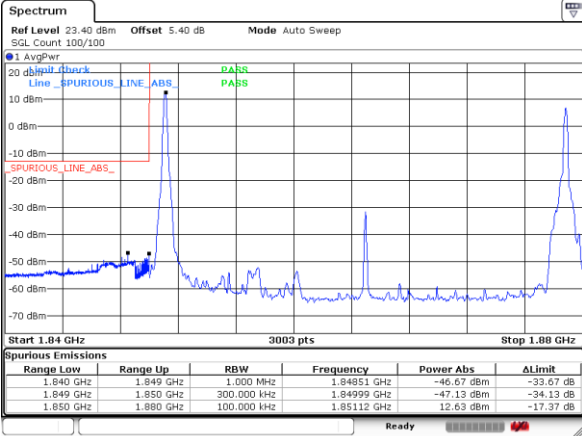


LTE Band 2C / 10MHz+20MHz

16QAM

Lowest Band Edge / 1RB0 and 1RB9

Highest Band Edge / 1RB0 and 1RB9

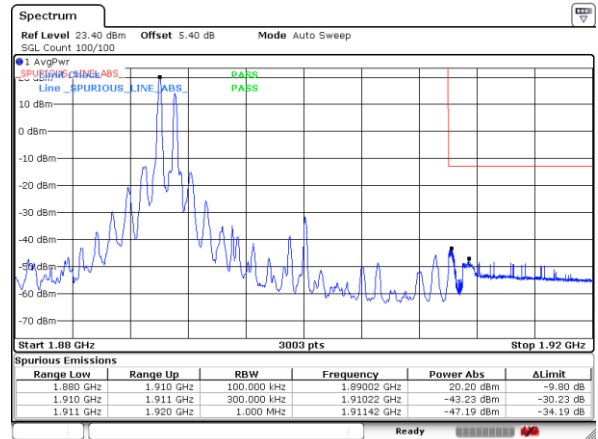
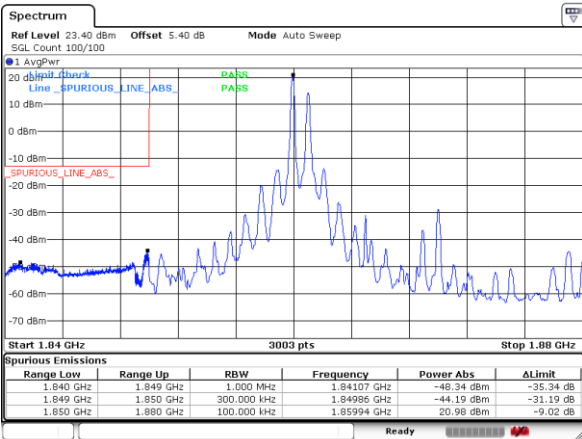


Date: 26 DEC 2020 00:55:21

Date: 26 DEC 2020 00:46:45

Lowest Band Edge / 1RB49 and 1RB0

Highest Band Edge / 1RB49 and 1RB0

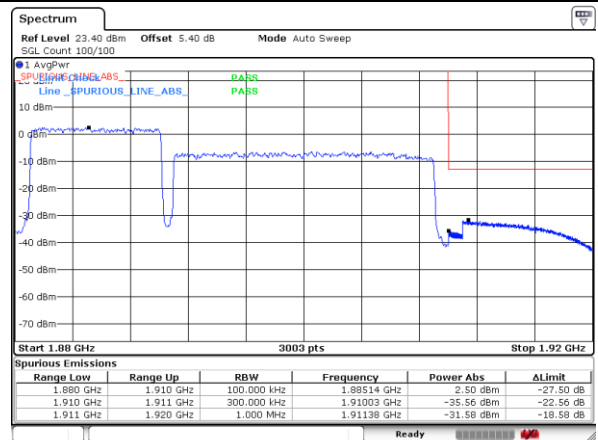
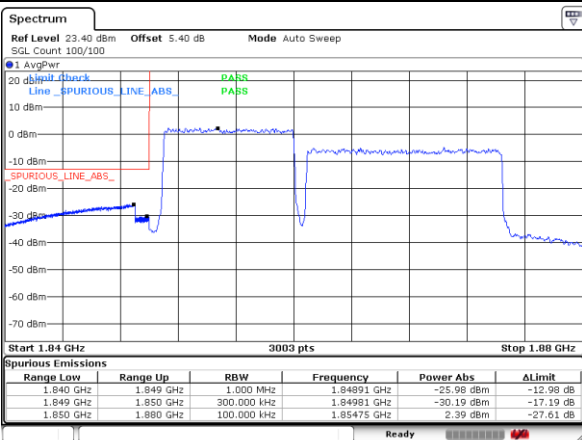


Date: 26 DEC 2020 00:57:02

Date: 26 DEC 2020 00:48:34

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 26 DEC 2020 00:52:59

Date: 26 DEC 2020 00:44:12