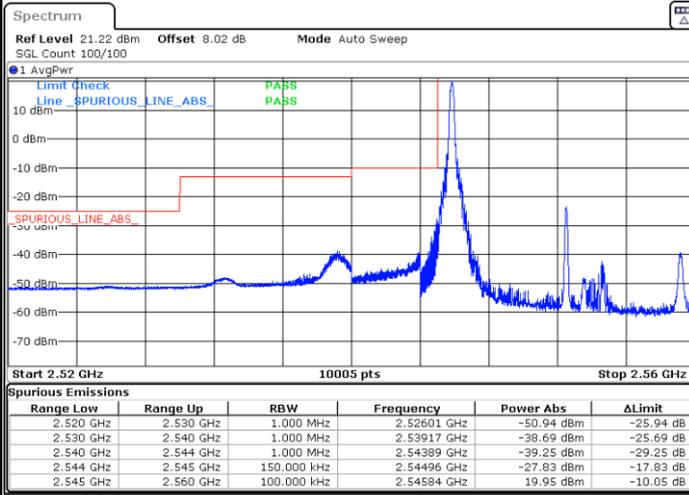




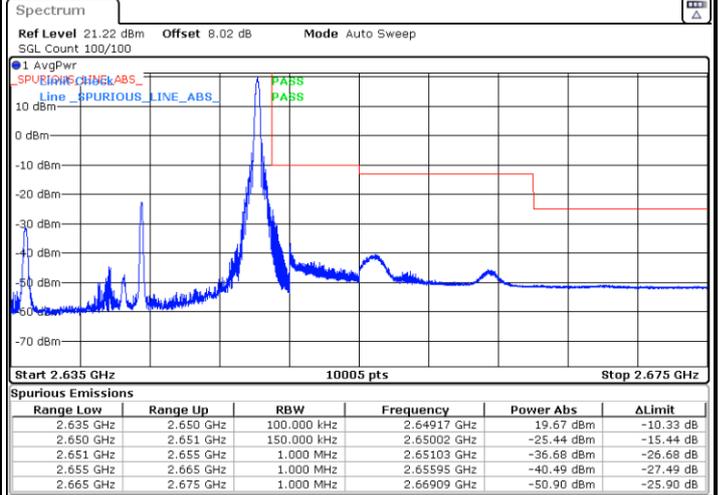
LTE Band 41 / 15MHz / 16QAM

Lowest Band Edge / 1 RB



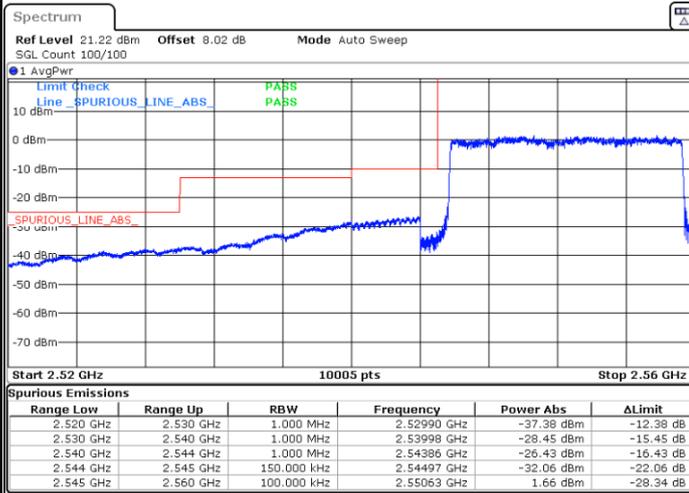
Date: 29 DEC 2020 14:10:47

Highest Band Edge / 1 RB



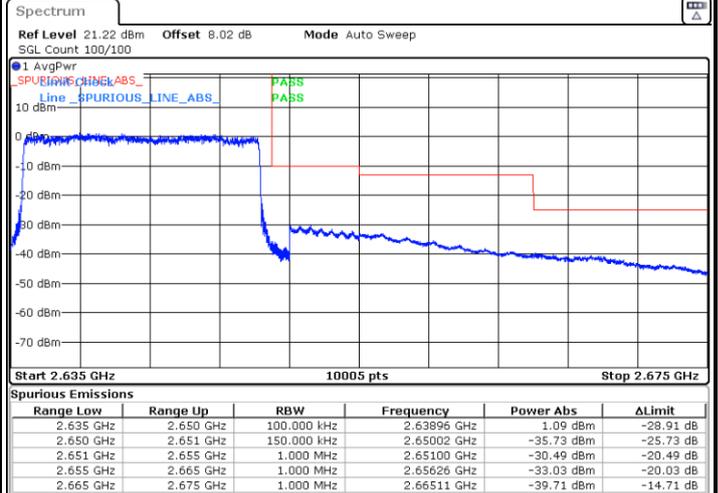
Date: 29 DEC 2020 14:16:38

Lowest Band Edge / Full RB



Date: 29 DEC 2020 14:11:54

Highest Band Edge / Full RB

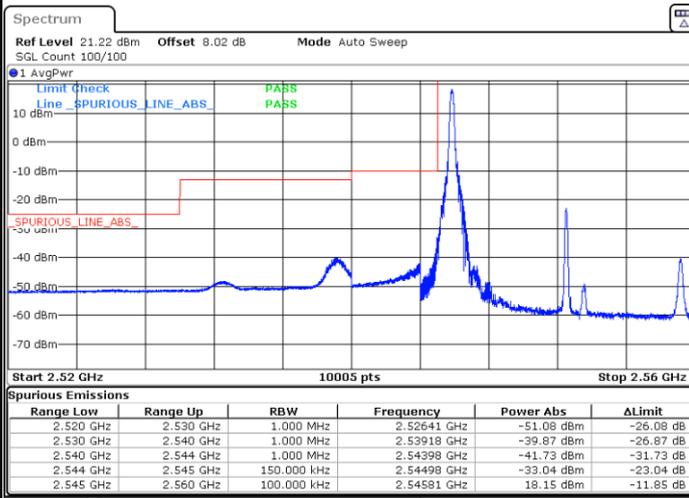


Date: 29 DEC 2020 14:17:52



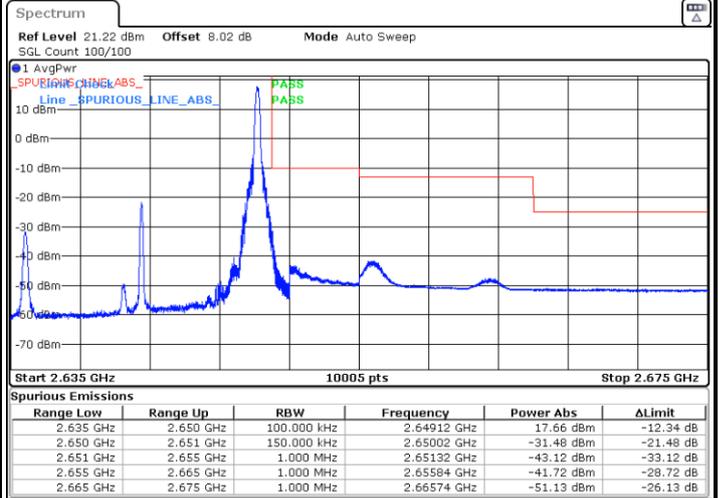
LTE Band 41 / 15MHz / 64QAM

Lowest Band Edge / 1 RB



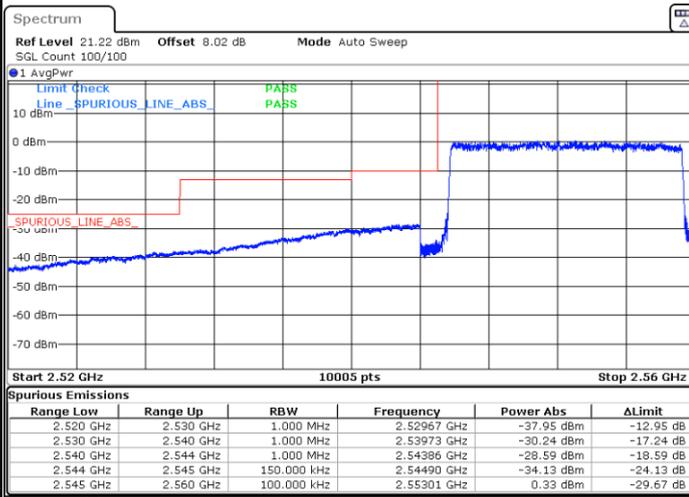
Date: 29 DEC 2020 14:10:27

Highest Band Edge / 1 RB



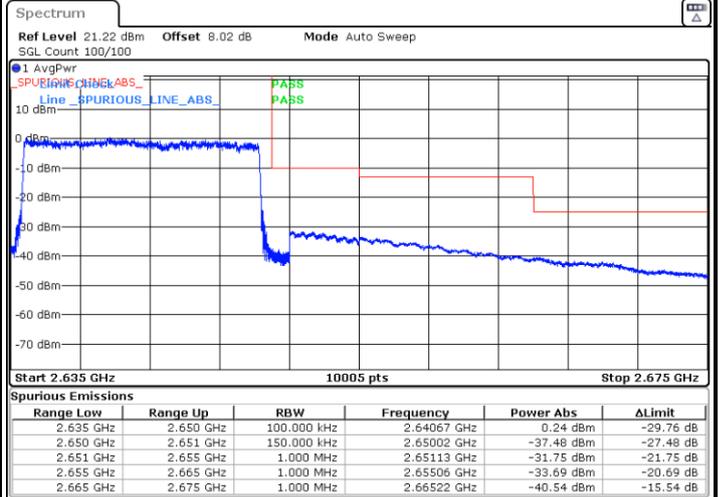
Date: 29 DEC 2020 14:17:04

Lowest Band Edge / Full RB



Date: 29 DEC 2020 14:12:13

Highest Band Edge / Full RB

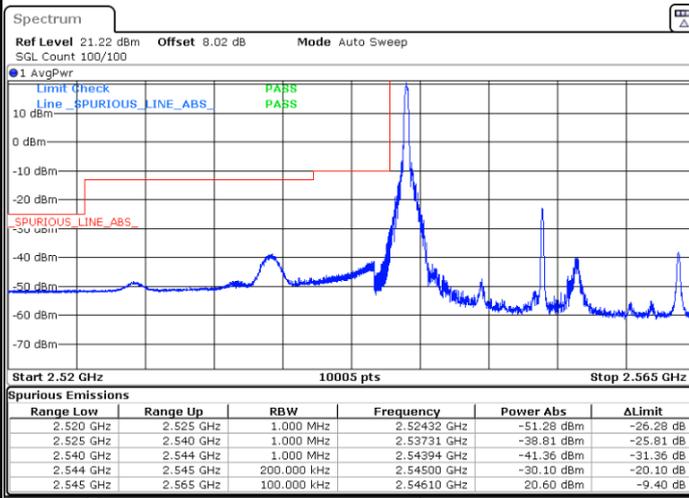


Date: 29 DEC 2020 14:17:28



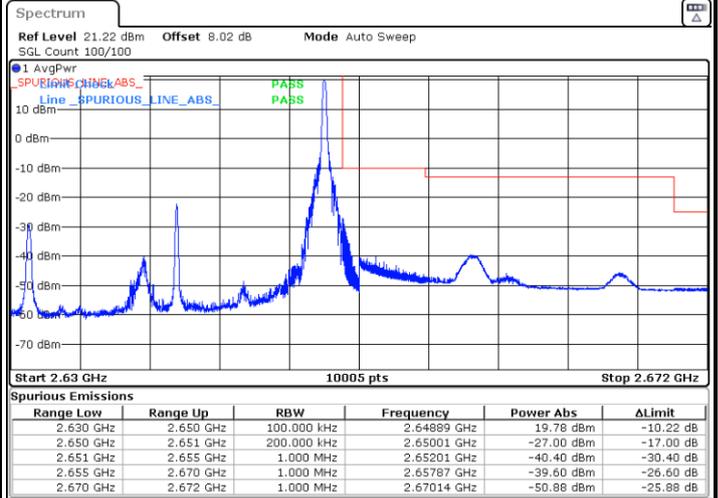
LTE Band 41 / 20MHz / QPSK

Lowest Band Edge / 1 RB



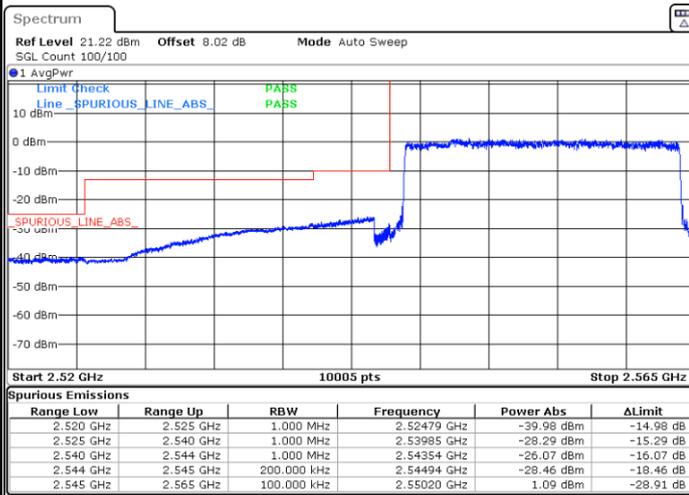
Date: 29 DEC 2020 14:28:37

Highest Band Edge / 1 RB



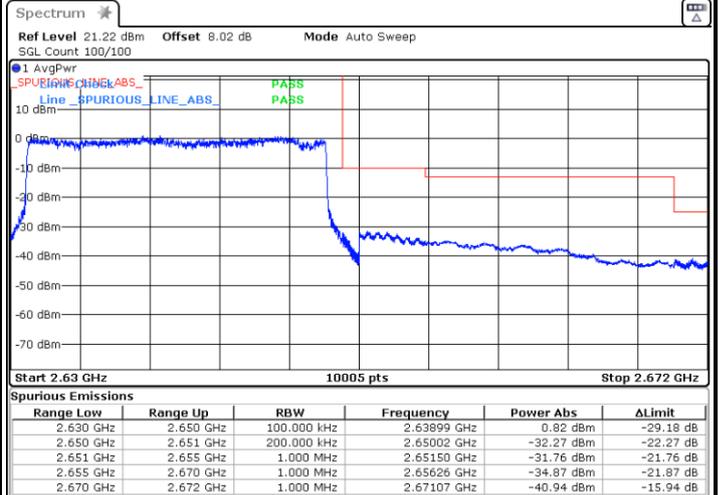
Date: 29 DEC 2020 14:33:14

Lowest Band Edge / Full RB



Date: 29 DEC 2020 14:28:23

Highest Band Edge / Full RB

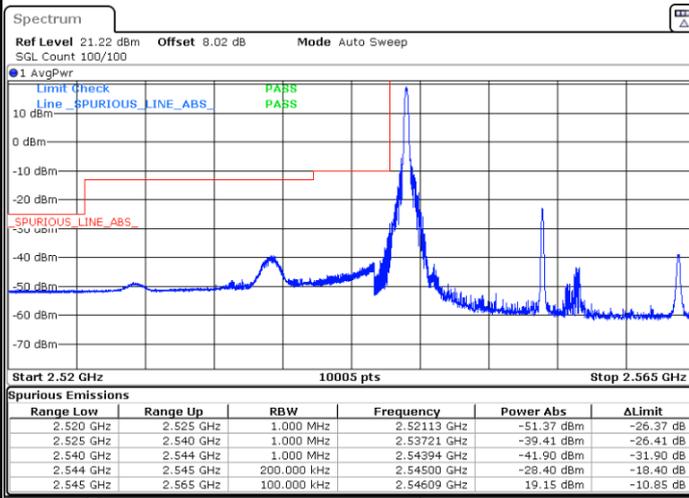


Date: 29 DEC 2020 14:30:25



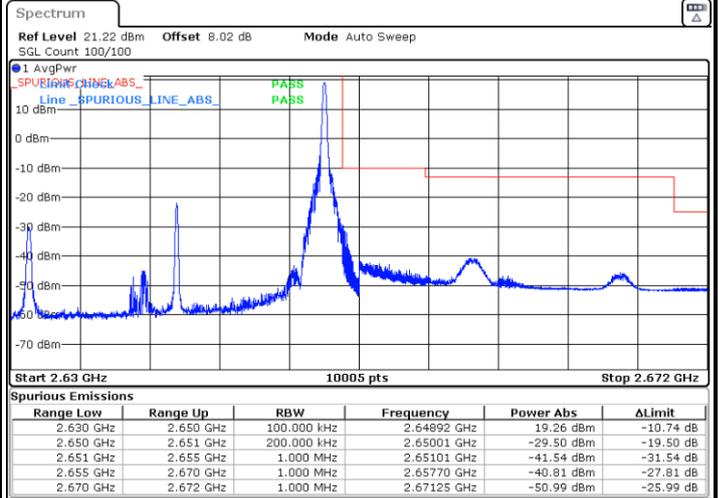
LTE Band 7 / 20MHz / 16QAM

Lowest Band Edge / 1 RB



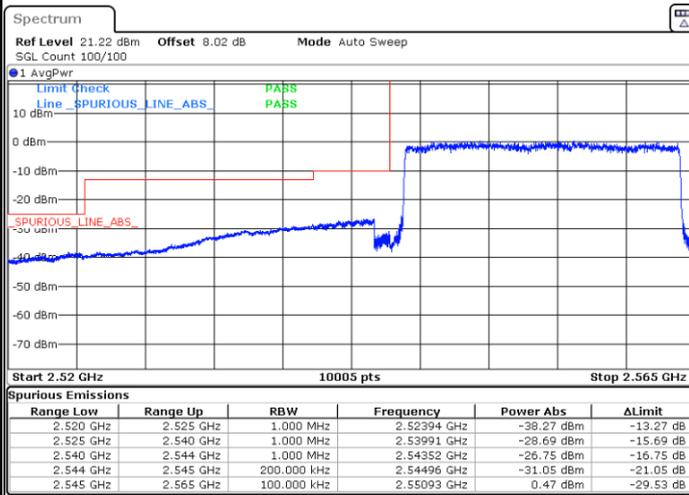
Date: 29 DEC 2020 14:27:01

Highest Band Edge / 1 RB



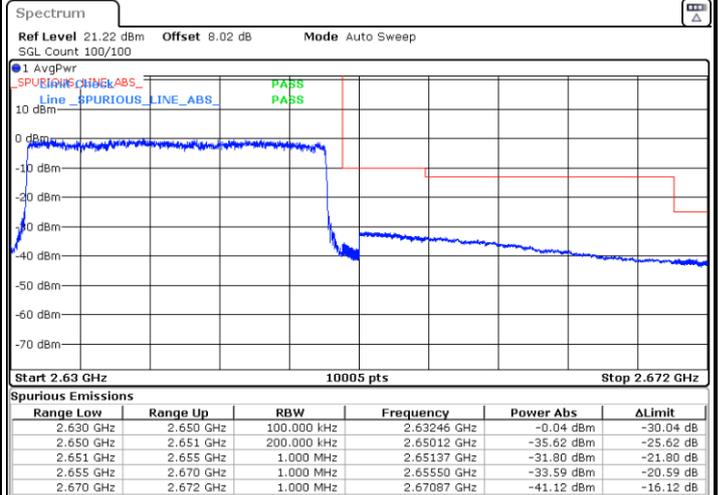
Date: 29 DEC 2020 14:32:54

Lowest Band Edge / Full RB



Date: 29 DEC 2020 14:28:01

Highest Band Edge / Full RB



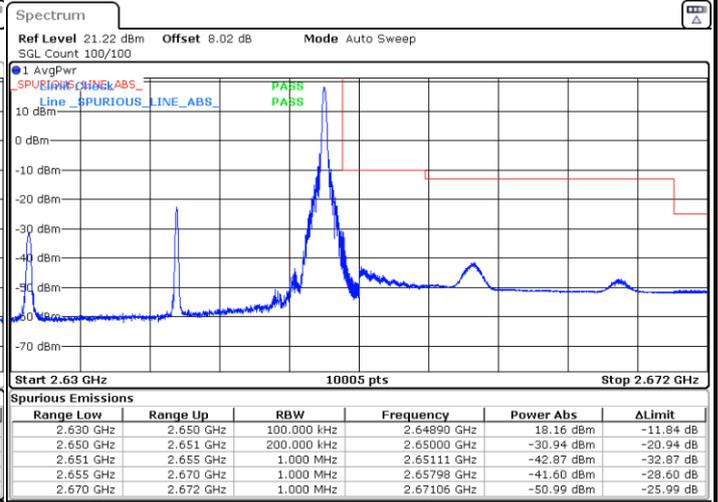
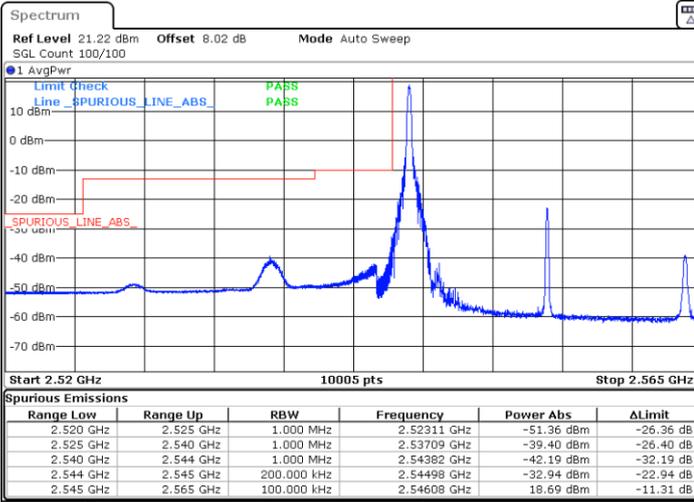
Date: 29 DEC 2020 14:31:35



LTE Band 41/ 20MHz / 64QAM

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB

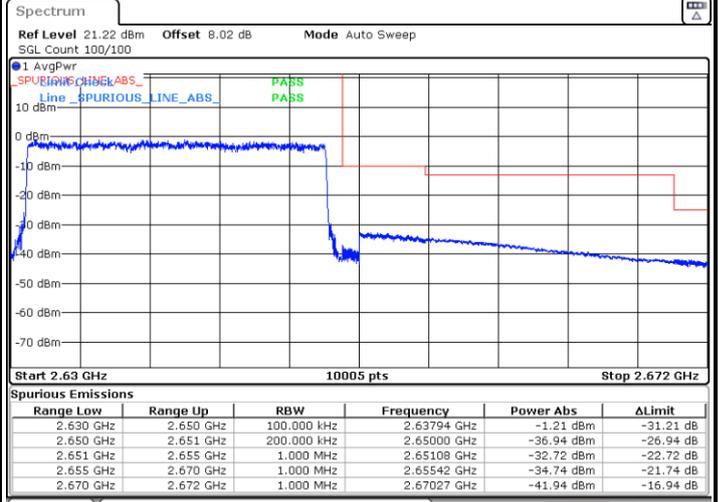
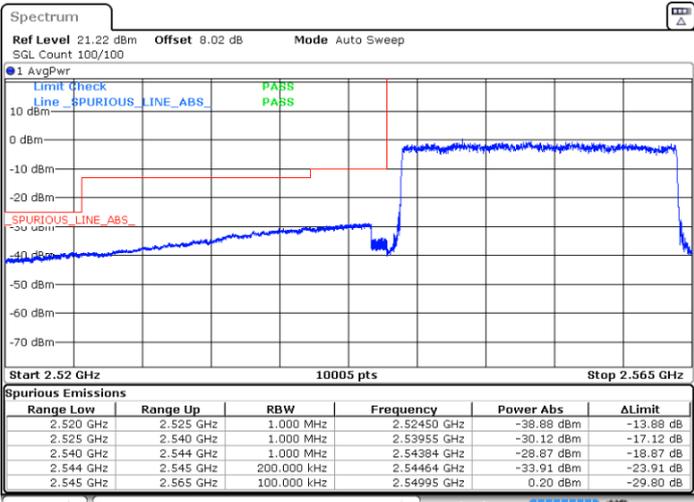


Date: 29 DEC.2020 14:27:19

Date: 29 DEC.2020 14:32:32

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 29 DEC.2020 14:27:42

Date: 29 DEC.2020 14:32:00

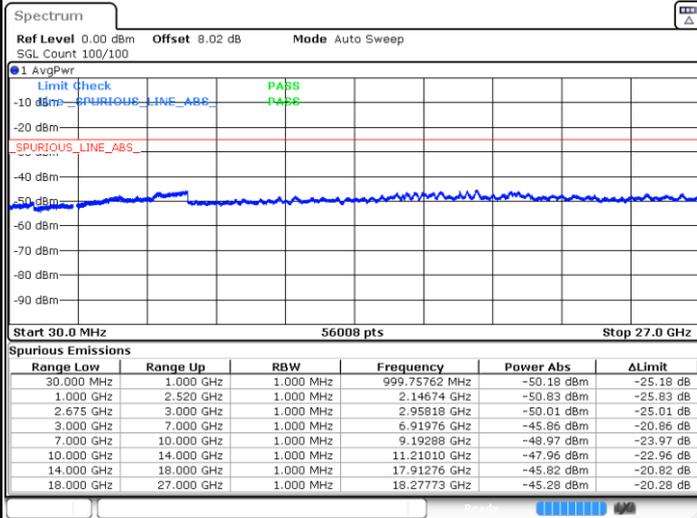


# Conducted Spurious Emission

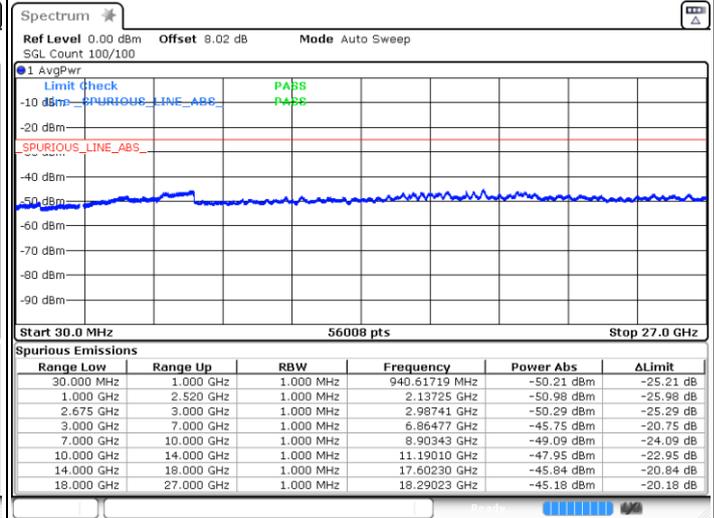
## LTE Band 41 / 5MHz

### Lowest Channel / QPSK

### Middle Channel / QPSK

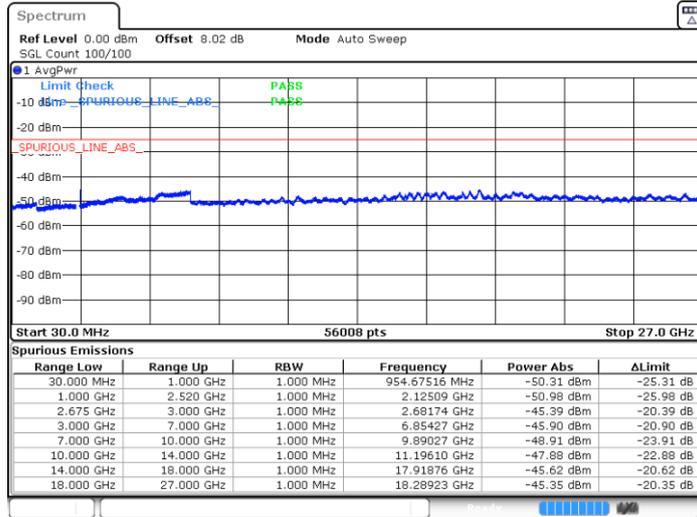


Date: 29 DEC.2020 14:39:08



Date: 29 DEC.2020 14:37:37

### Highest Channel / QPSK



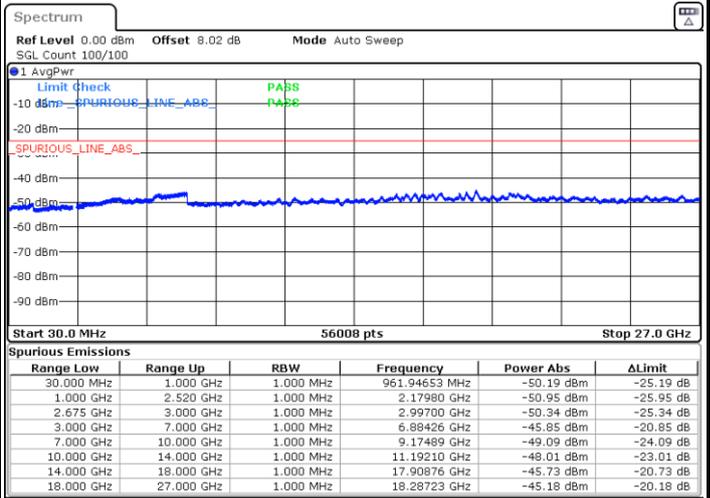
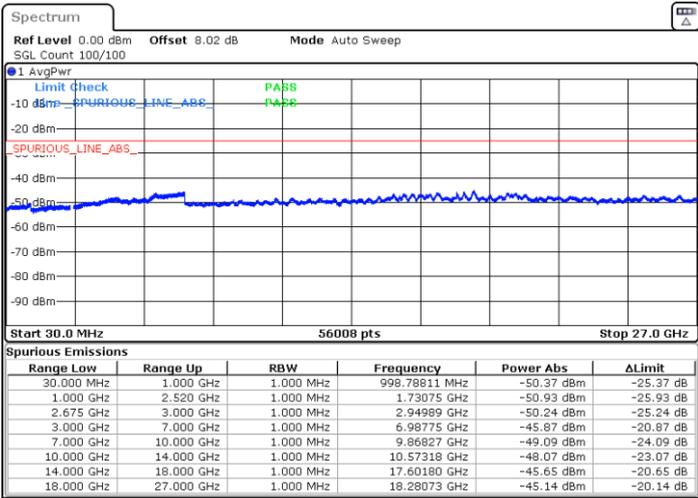
Date: 29 DEC.2020 14:39:58



LTE Band 41 / 10MHz

Lowest Channel / QPSK

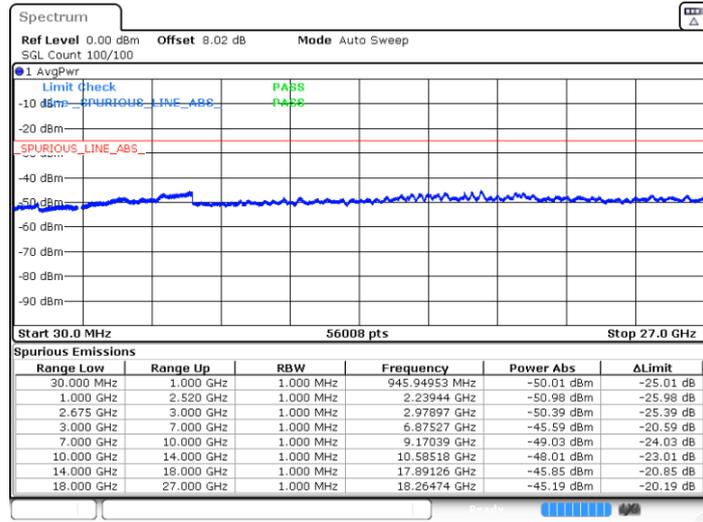
Middle Channel / QPSK



Date: 29 DEC. 2020 14:41:48

Date: 29 DEC. 2020 14:40:57

Highest Channel / QPSK

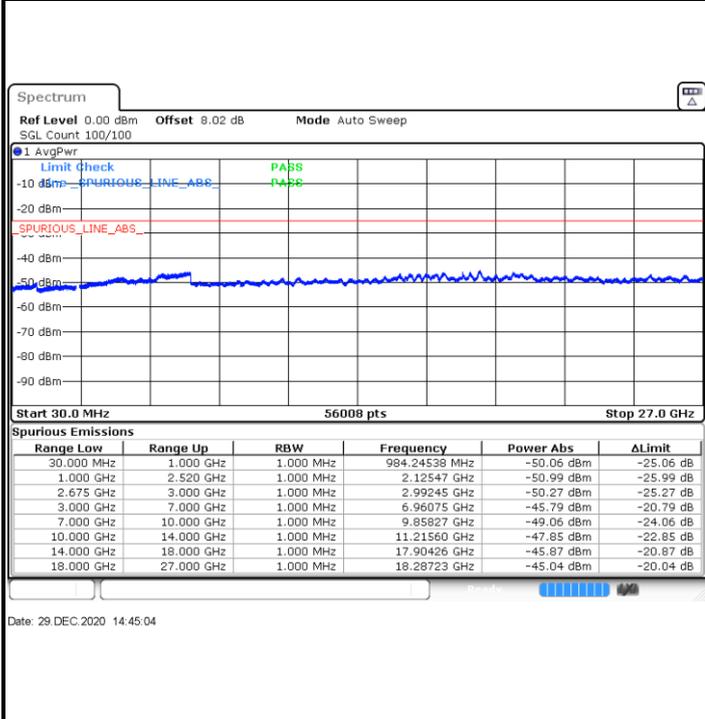


Date: 29 DEC. 2020 14:42:56

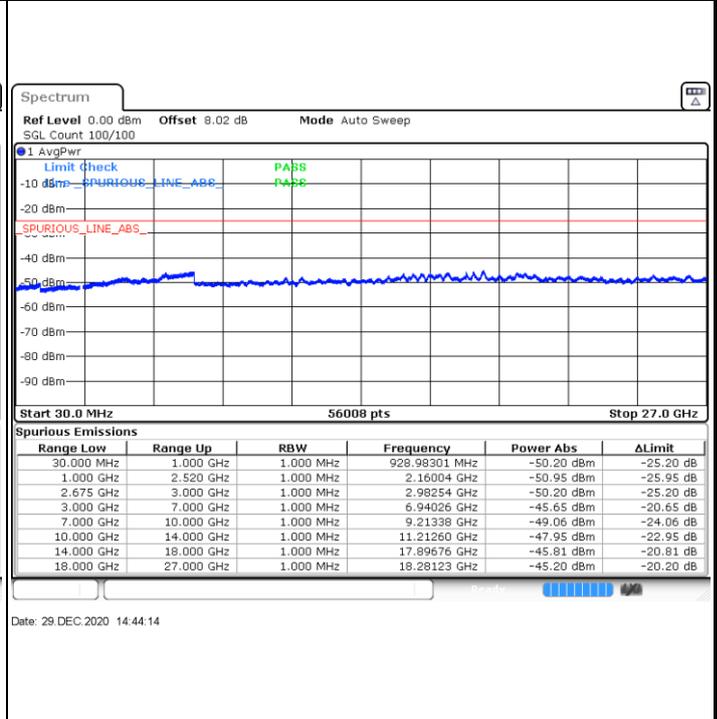


**LTE Band 41 / 15MHz**

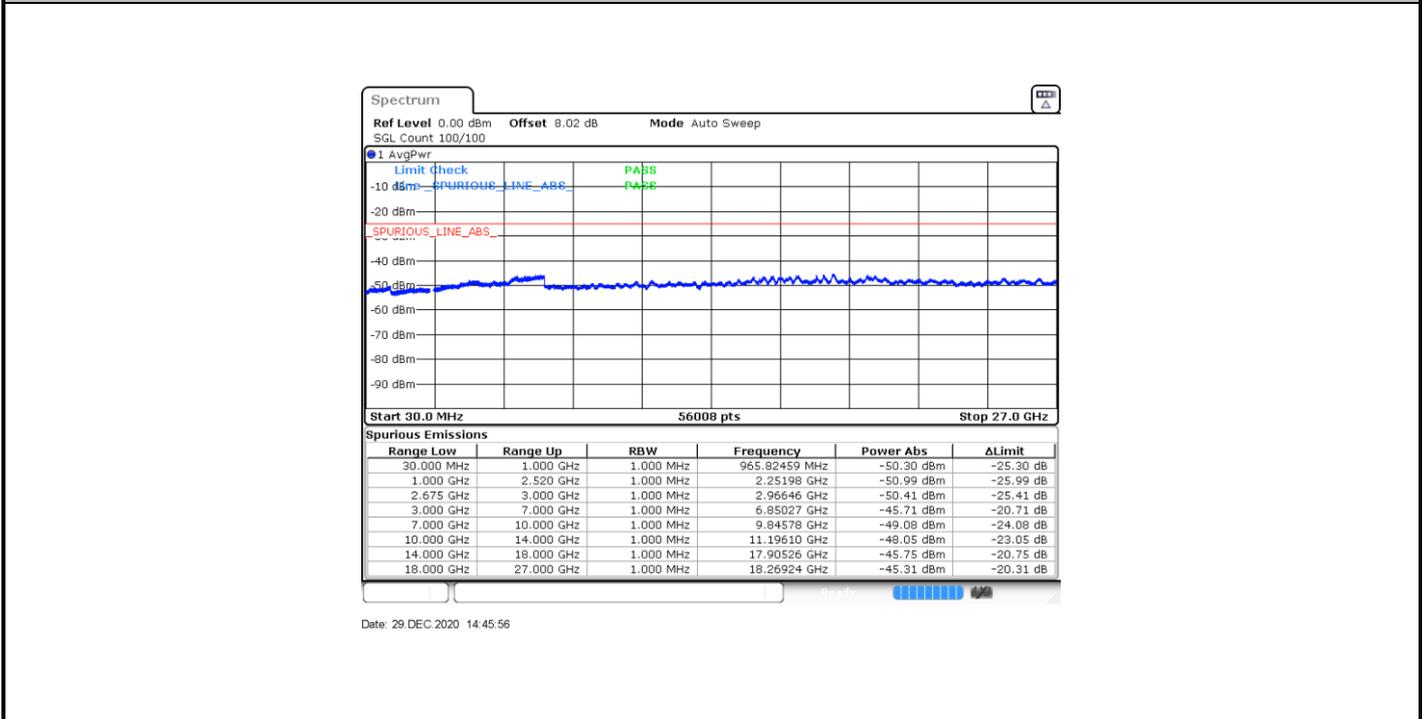
**Lowest Channel / QPSK**



**Middle Channel / QPSK**



**Highest Channel / QPSK**

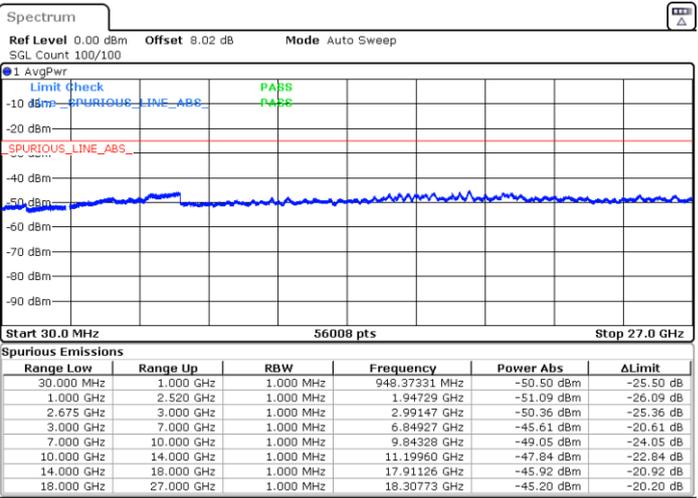
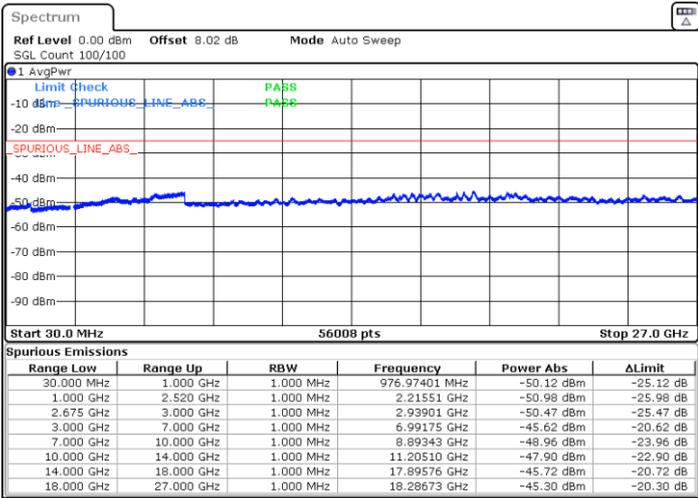




LTE Band 41 / 20MHz

Lowest Channel / QPSK

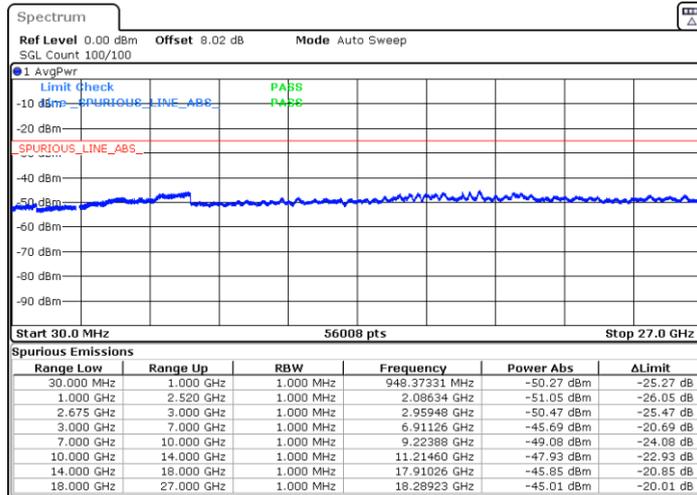
Middle Channel / QPSK



Date: 29 DEC.2020 14:47:50

Date: 29 DEC.2020 14:46:57

Highest Channel / QPSK



Date: 29 DEC.2020 14:49:21



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:

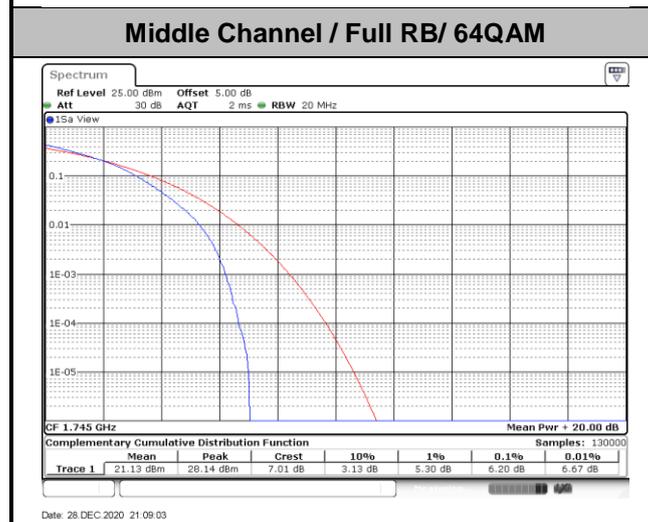
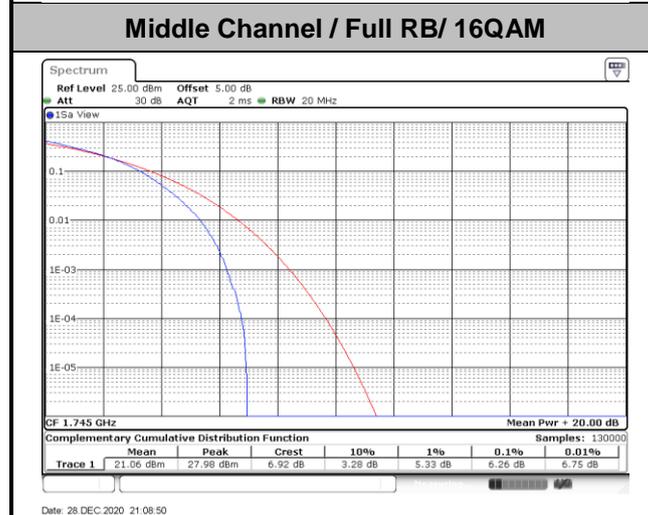
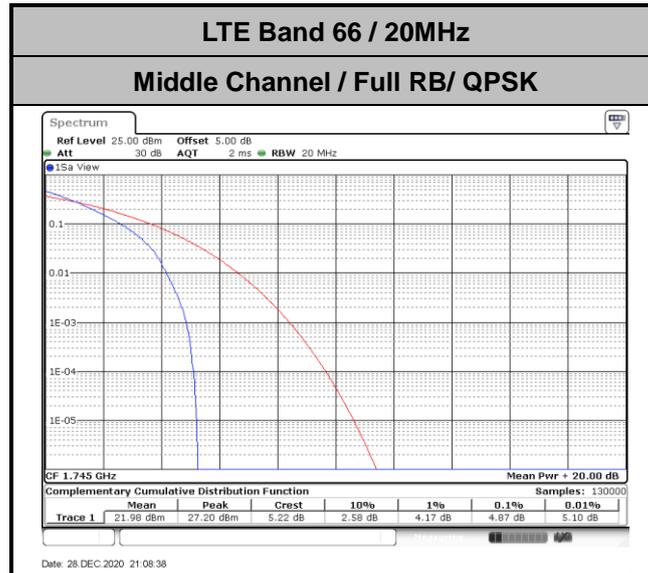
1. Normal Voltage =3.87 V. ; Battery End Point (BEP) =3.6 V. ; Maximum Voltage =4.45 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



## LTE Band 66

### Peak-to-Average Ratio

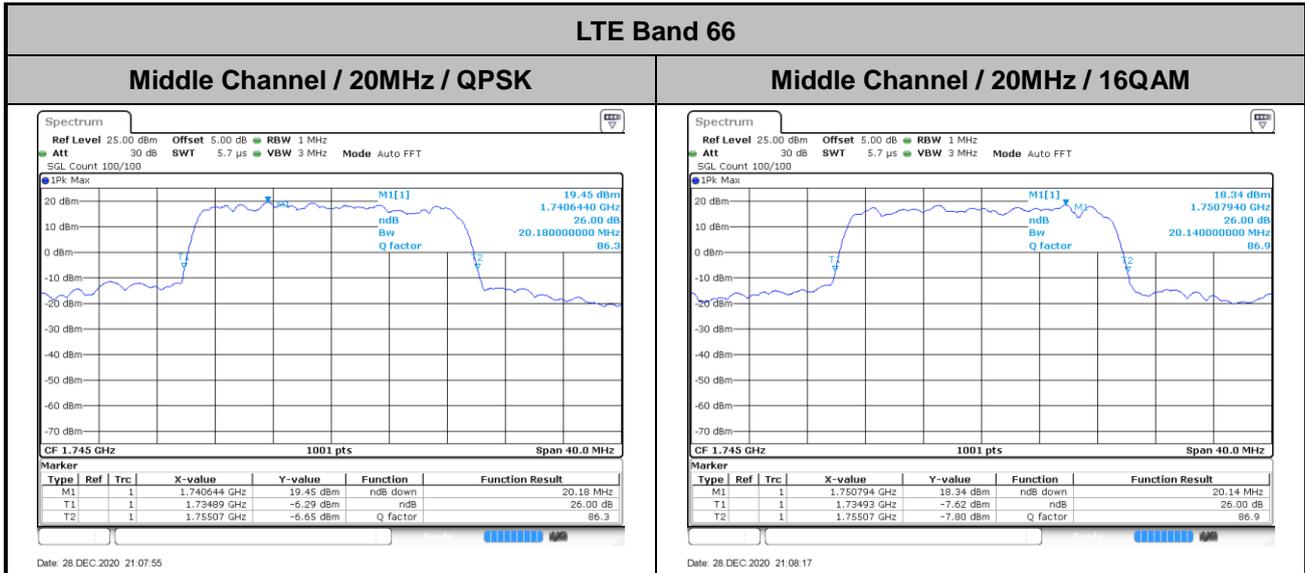
Mode	LTE Band 66 / 20MHz			
Mod.	QPSK	16QAM	64QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Result
Middle CH	4.87	6.26	6.20	<b>PASS</b>





## 26dB Bandwidth

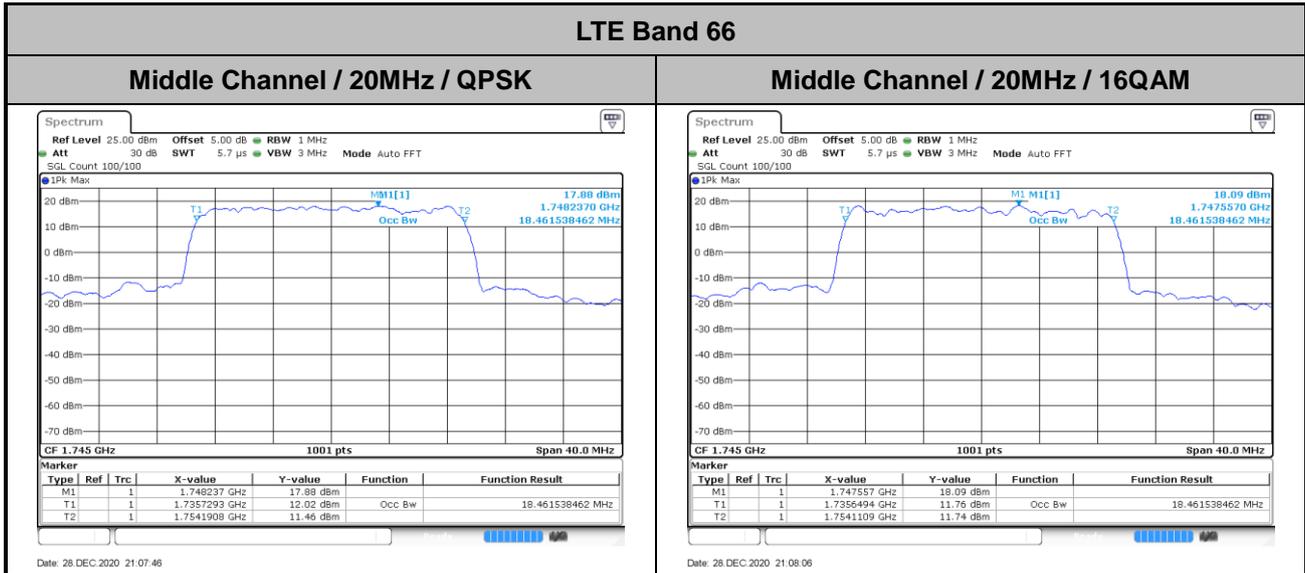
Mode	LTE Band 66 : 26dB BW(MHz)	
BW	20MHz	
Mod.	QPSK	16QAM
Middle CH	20.18	20.14





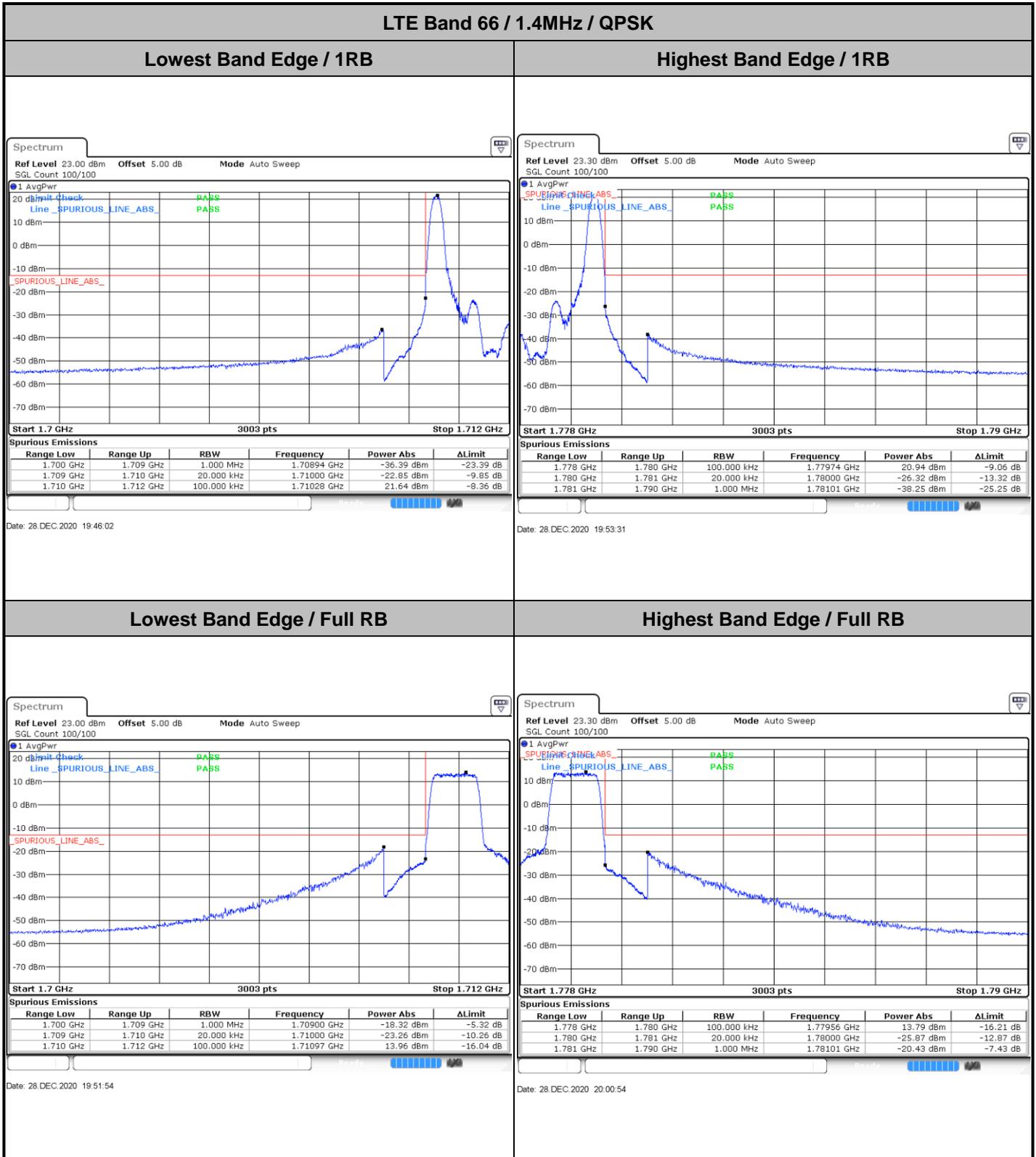
# Occupied Bandwidth

Mode	LTE Band 66 : 99%OBW(MHz)	
BW	20MHz	
Mod.	QPSK	16QAM
Middle CH	18.462	18.462





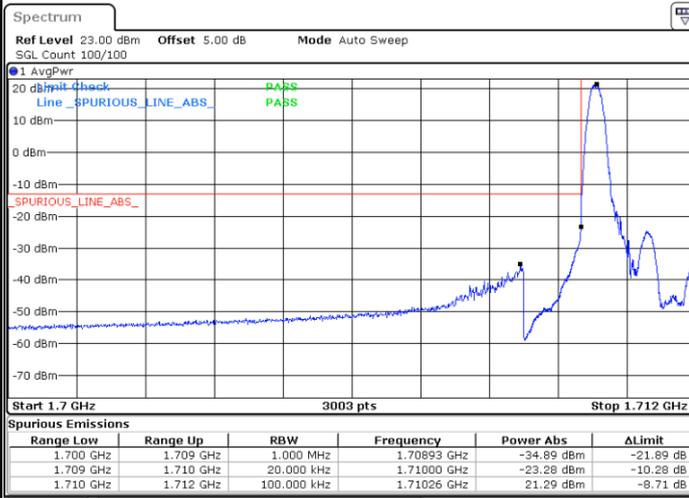
# Conducted Band Edge





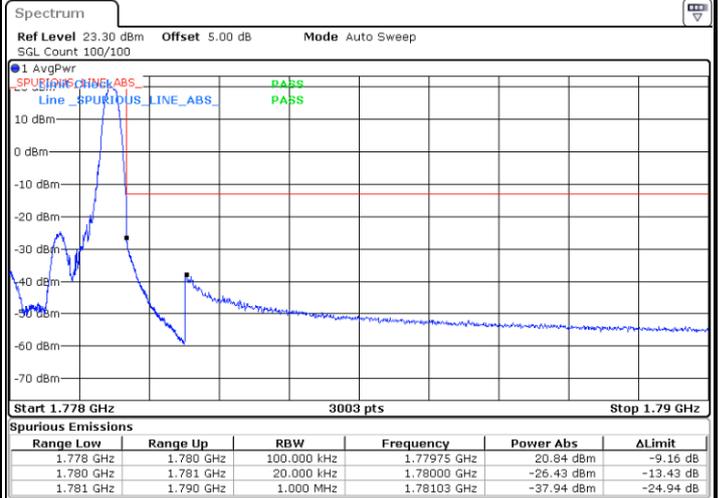
LTE Band 66 / 1.4MHz / 16QAM

Lowest Band Edge / 1 RB



Date: 28 DEC 2020 19:47:13

Highest Band Edge / 1 RB



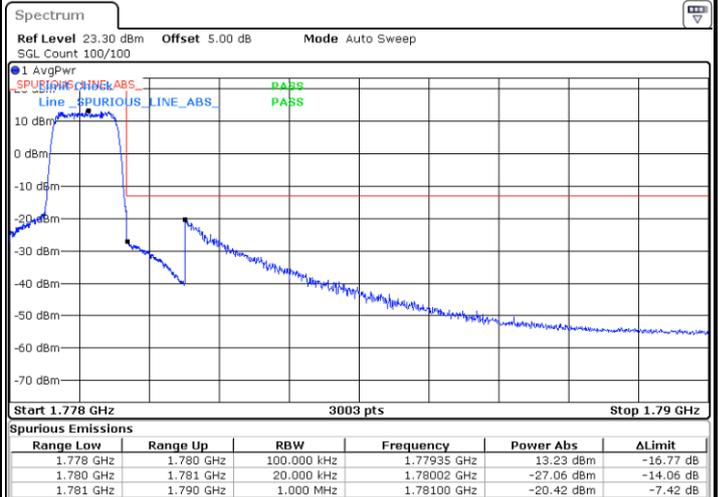
Date: 28 DEC 2020 19:55:03

Lowest Band Edge / Full RB



Date: 28 DEC 2020 19:50:44

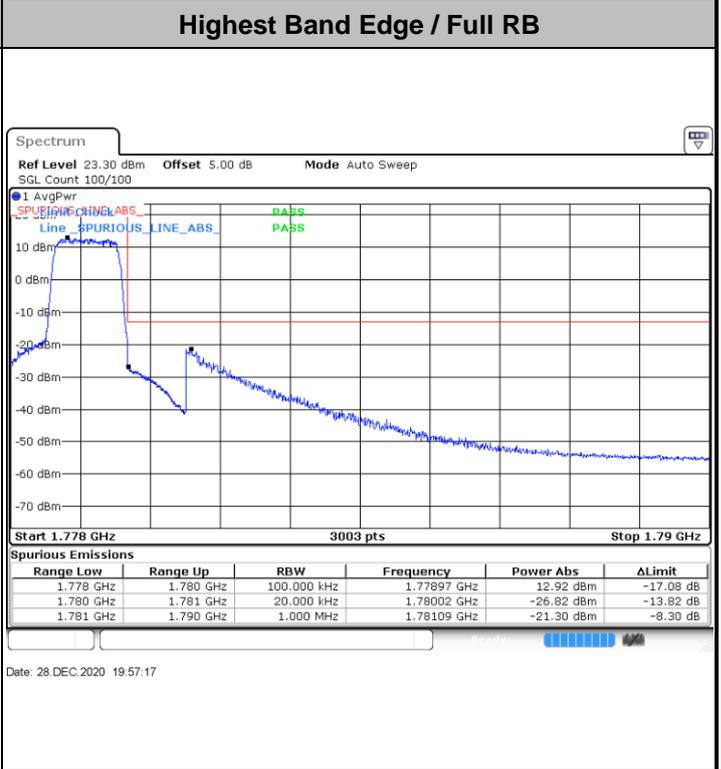
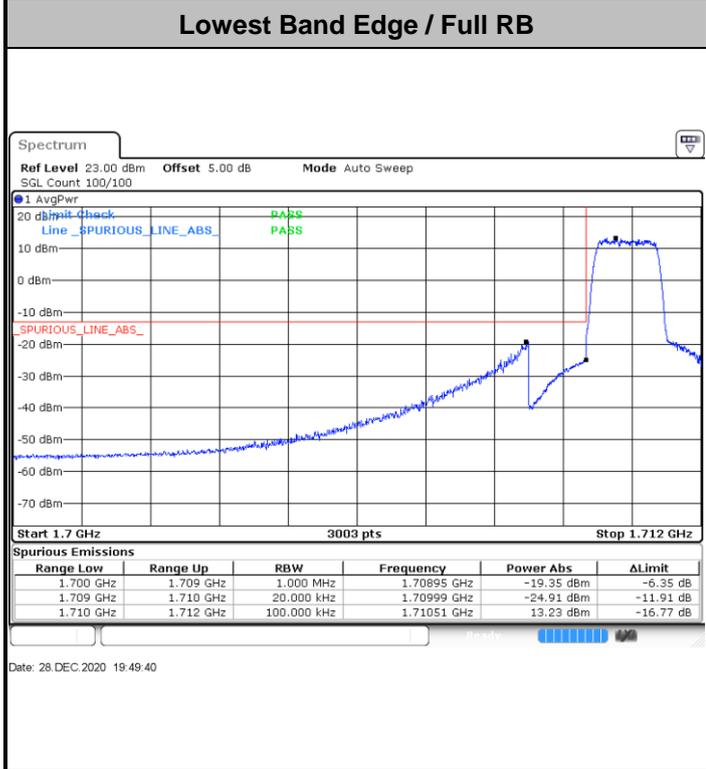
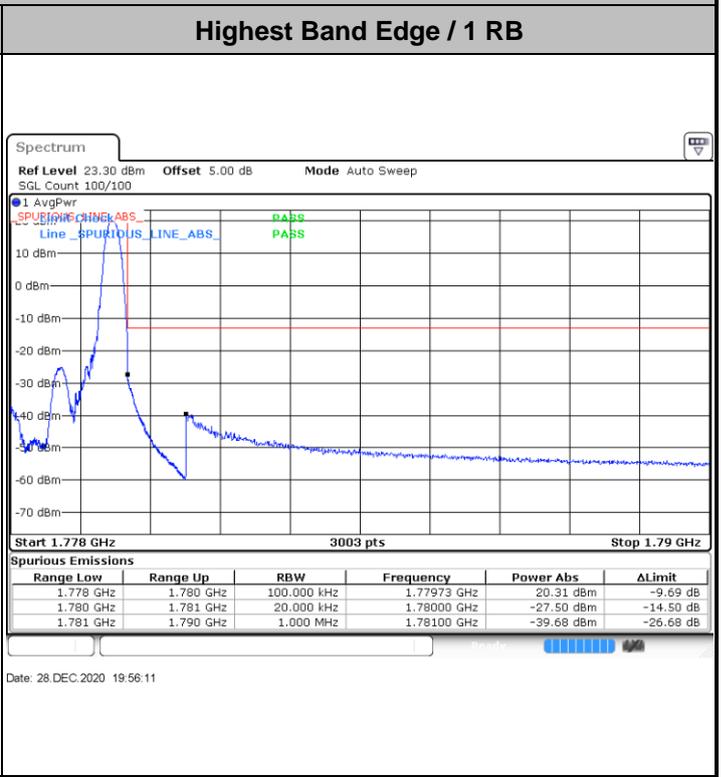
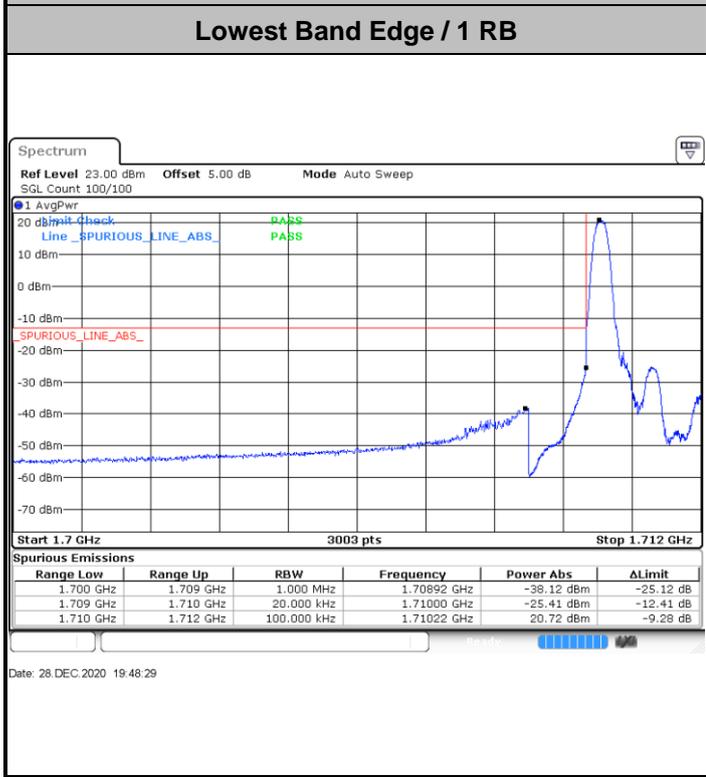
Highest Band Edge / Full RB



Date: 28 DEC 2020 19:59:50



**LTE Band 66 / 1.4MHz / 64QAM**





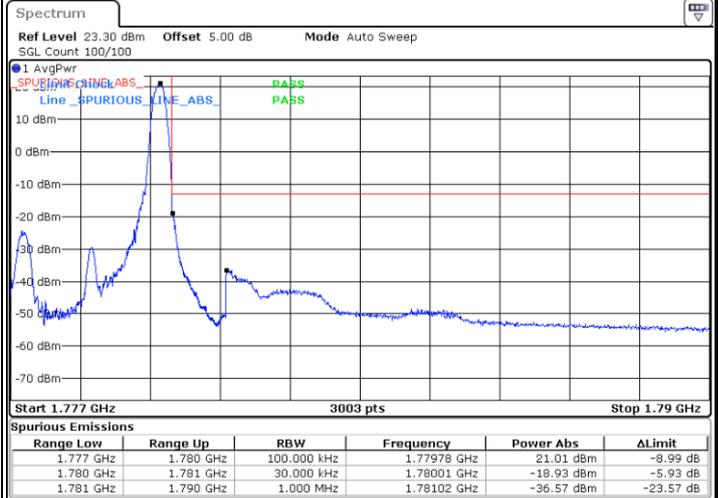
LTE Band 66 / 3MHz / QPSK

Lowest Band Edge / 1RB



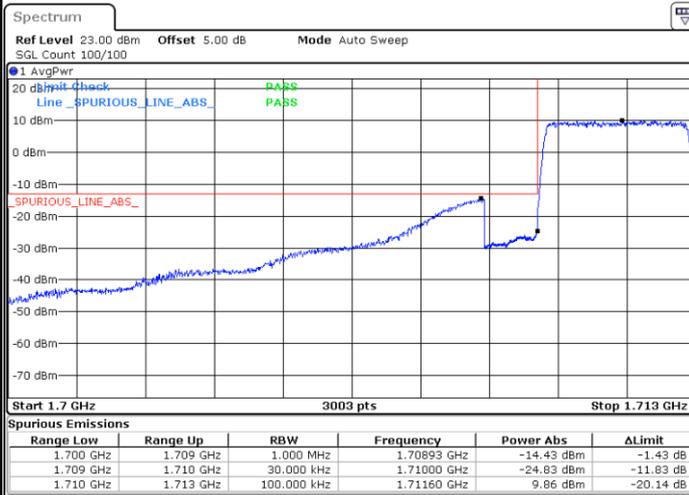
Date: 28 DEC 2020 20:06:19

Highest Band Edge / 1 RB



Date: 28 DEC 2020 20:10:19

Lowest Band Edge / Full RB



Date: 28 DEC 2020 20:08:20

Highest Band Edge / Full RB

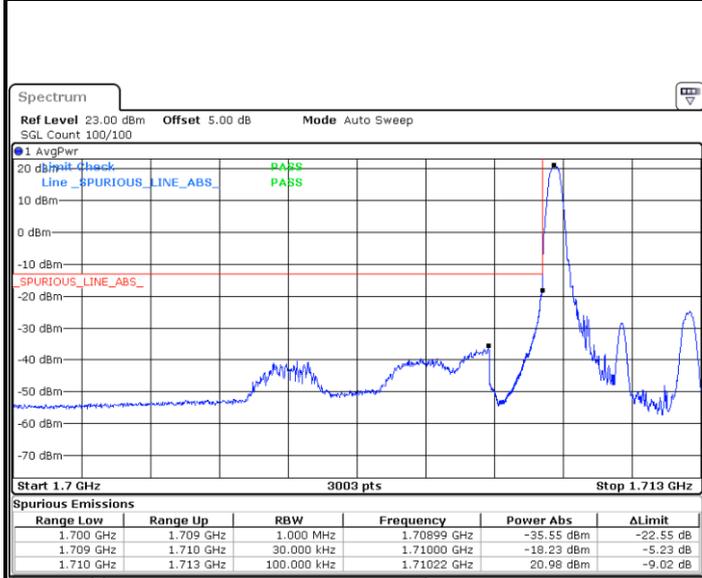


Date: 28 DEC 2020 20:12:21



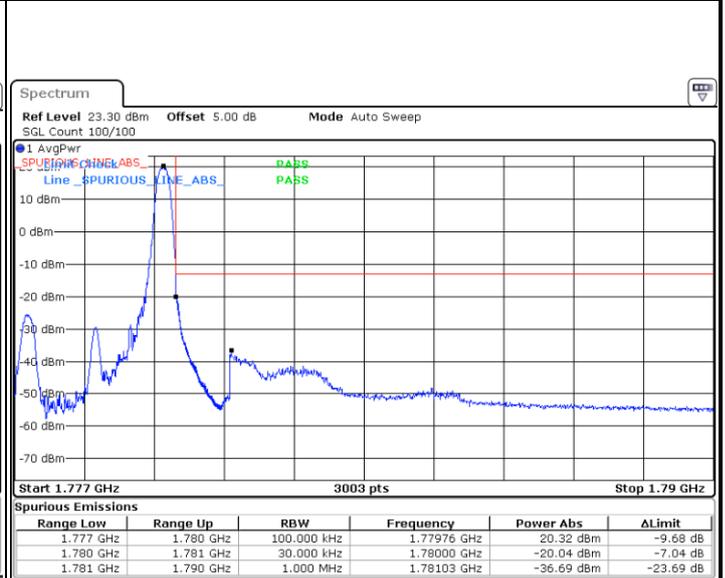
**LTE Band 66 / 3MHz / 16QAM**

**Lowest Band Edge / 1 RB**



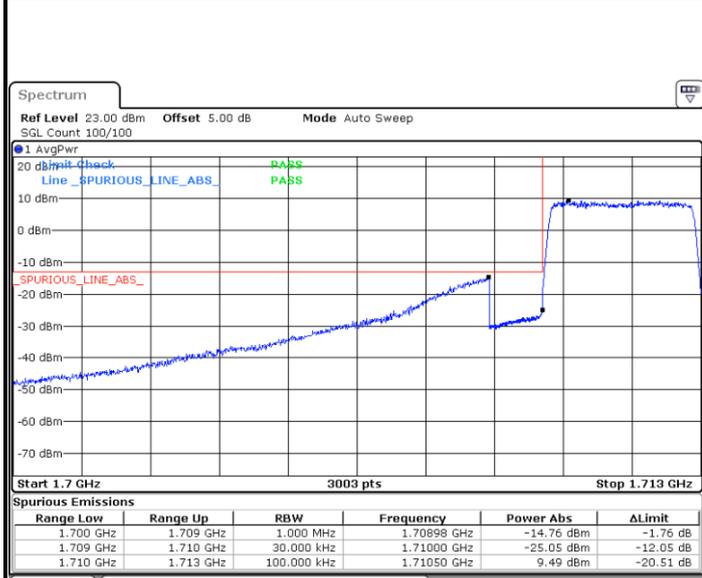
Date: 28 DEC 2020 20:06:58

**Highest Band Edge / 1 RB**



Date: 28 DEC 2020 20:11:04

**Lowest Band Edge / Full RB**



Date: 28 DEC 2020 20:08:56

**Highest Band Edge / Full RB**

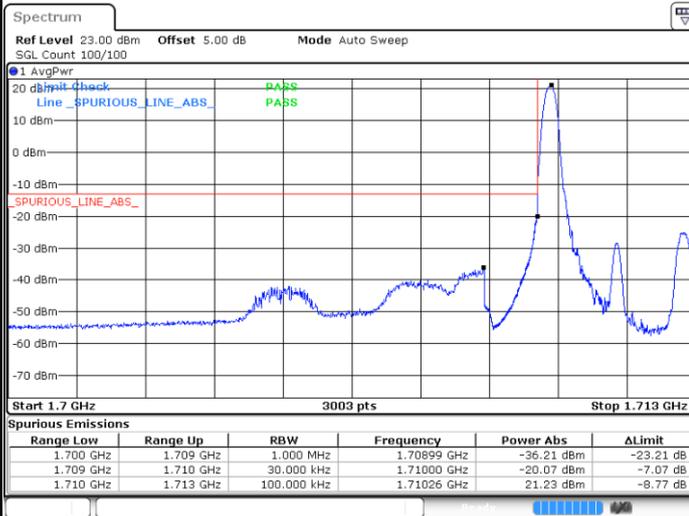


Date: 28 DEC 2020 20:14:59



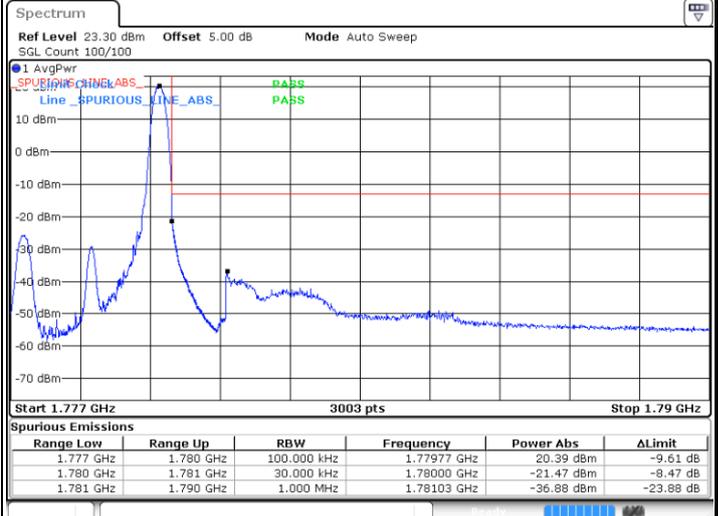
LTE Band 66 / 3MHz / 64QAM

Lowest Band Edge / 1 RB



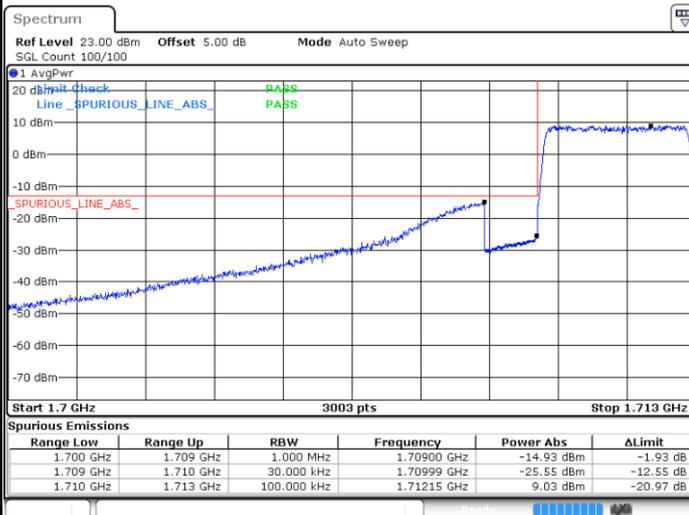
Date: 28 DEC 2020 20:07:36

Highest Band Edge / 1 RB



Date: 28 DEC 2020 20:11:42

Lowest Band Edge / Full RB



Date: 28 DEC 2020 20:09:32

Highest Band Edge / Full RB

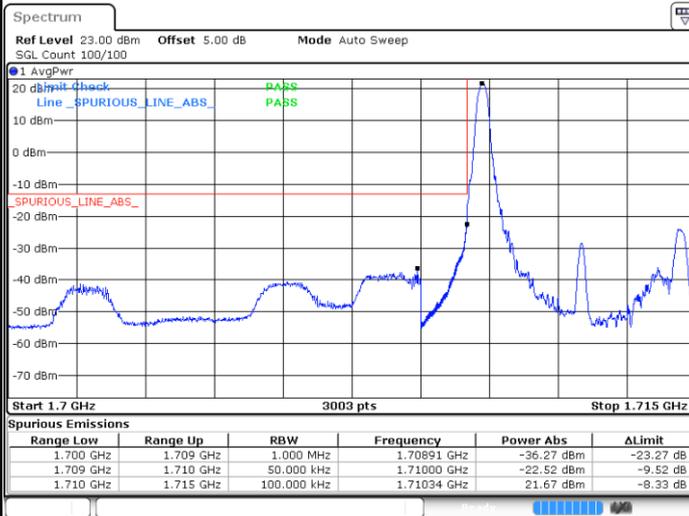


Date: 28 DEC 2020 20:15:40



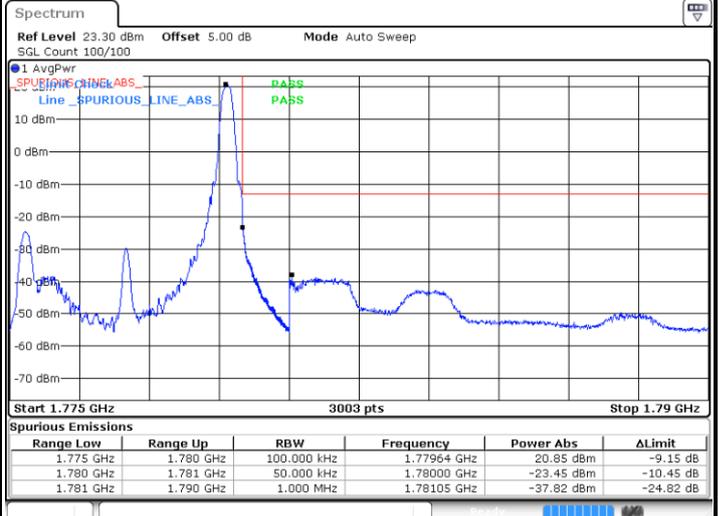
LTE Band 66 / 5MHz / QPSK

Lowest Band Edge / 1 RB



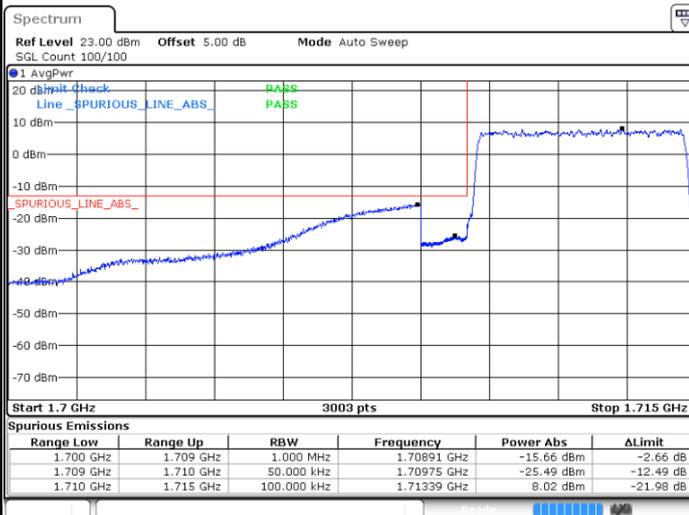
Date: 28 DEC 2020 20:18:27

Highest Band Edge / 1 RB



Date: 28 DEC 2020 20:25:14

Lowest Band Edge / Full RB



Date: 28 DEC 2020 20:24:47

Highest Band Edge / Full RB

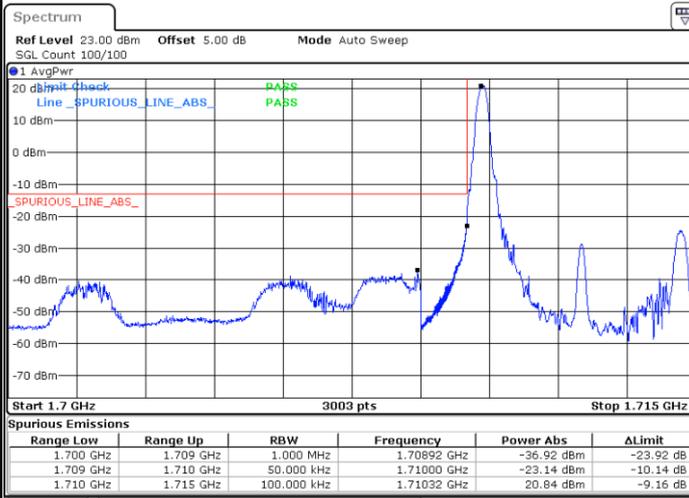


Date: 28 DEC 2020 20:27:31



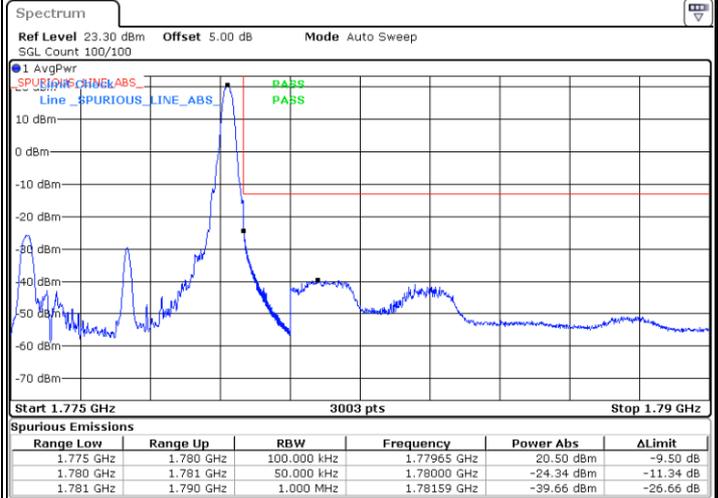
LTE Band 66 / 5MHz / 16QAM

Lowest Band Edge / 1RB



Date: 28 DEC 2020 20:18:53

Highest Band Edge / 1 RB



Date: 28 DEC 2020 20:25:35

Lowest Band Edge / Full RB



Date: 28 DEC 2020 20:24:25

Highest Band Edge / Full RB

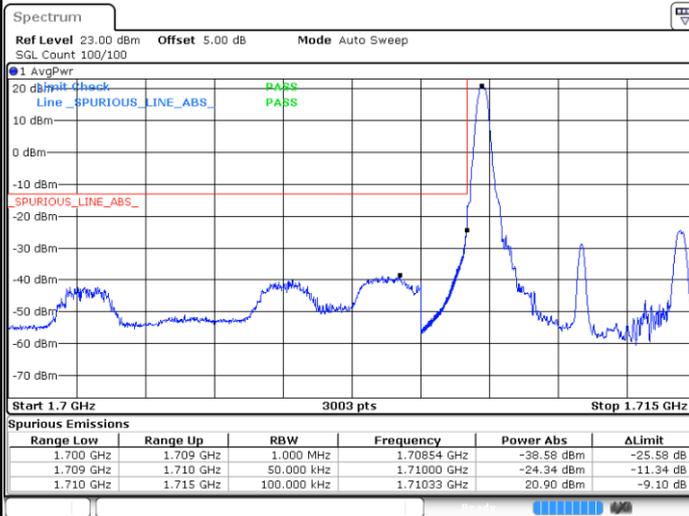


Date: 28 DEC 2020 20:27:10



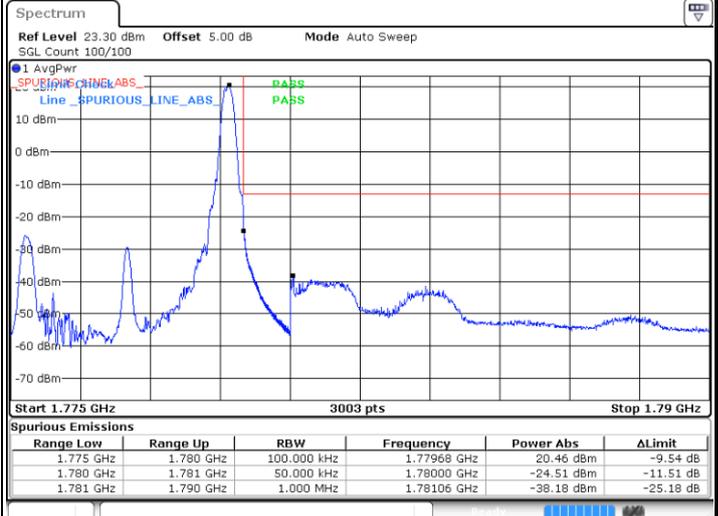
LTE Band 66 / 5MHz / 64QAM

Lowest Band Edge / 1RB



Date: 28 DEC 2020 20:19:16

Highest Band Edge / 1 RB



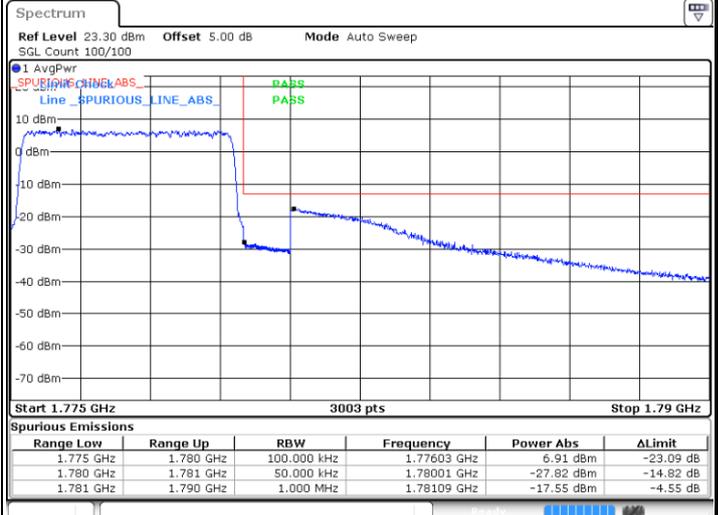
Date: 28 DEC 2020 20:28:00

Lowest Band Edge / Full RB



Date: 28 DEC 2020 20:23:58

Highest Band Edge / Full RB

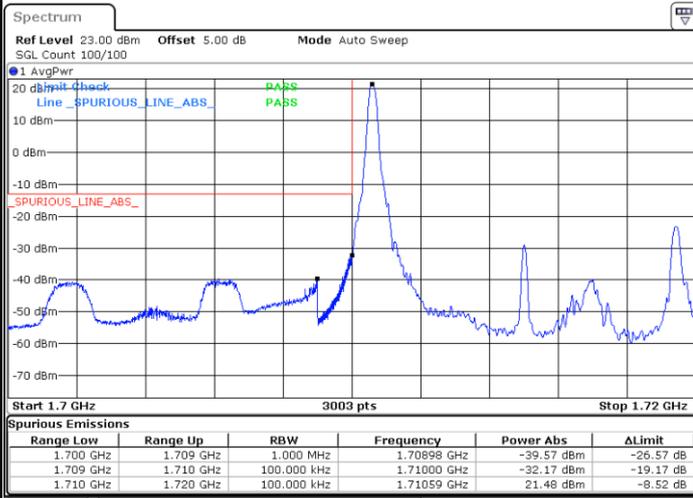


Date: 28 DEC 2020 20:26:49



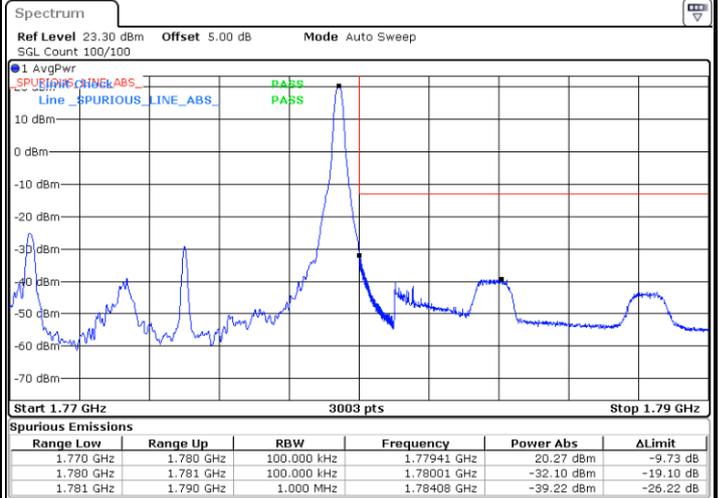
LTE Band 66 / 10MHz / QPSK

Lowest Band Edge / 1 RB



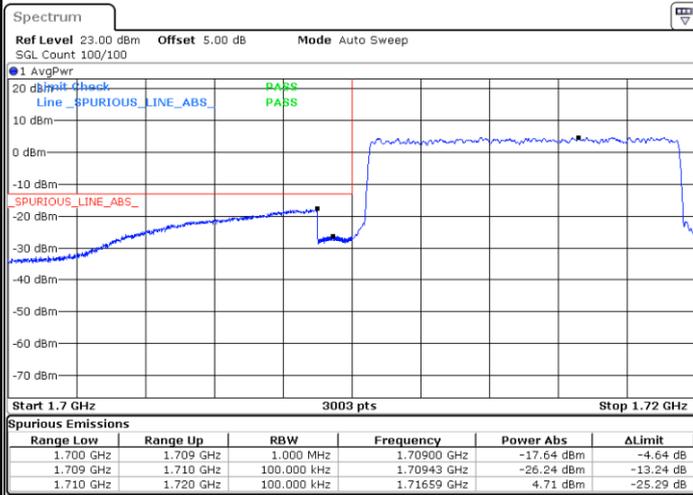
Date: 28 DEC 2020 20:31:18

Highest Band Edge / 1 RB



Date: 28 DEC 2020 20:33:03

Lowest Band Edge / Full RB



Date: 28 DEC 2020 20:32:39

Highest Band Edge / Full RB

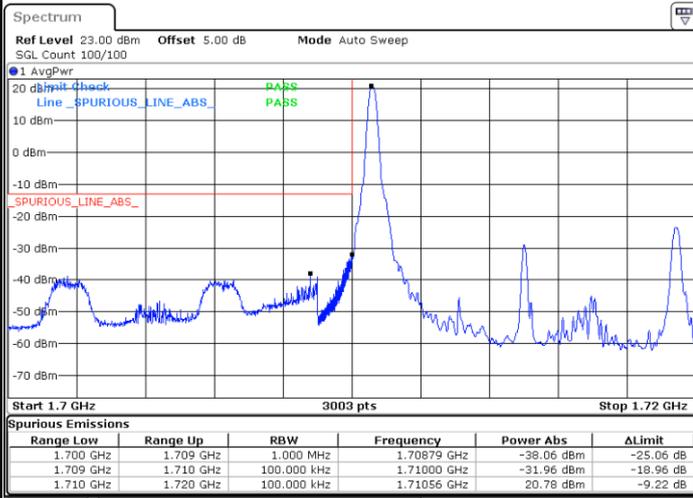


Date: 28 DEC 2020 20:34:18



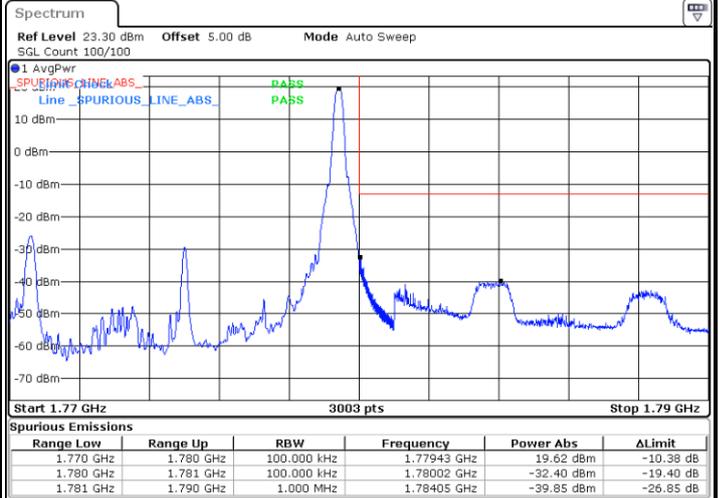
LTE Band 66 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



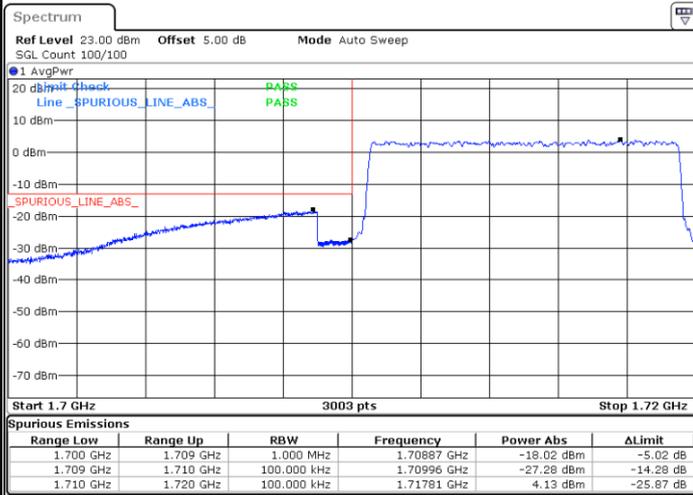
Date: 28 DEC 2020 20:31:33

Highest Band Edge / 1 RB



Date: 28 DEC 2020 20:33:18

Lowest Band Edge / Full RB



Date: 28 DEC 2020 20:32:22

Highest Band Edge / Full RB

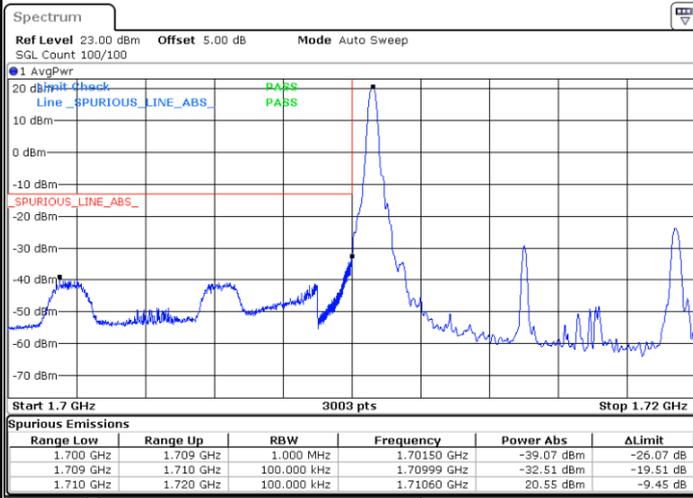


Date: 28 DEC 2020 20:34:03



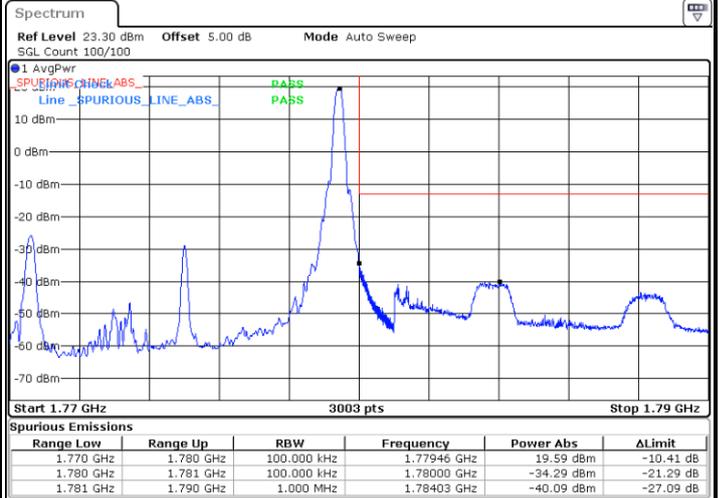
LTE Band 66 / 10MHz / 64QAM

Lowest Band Edge / 1 RB



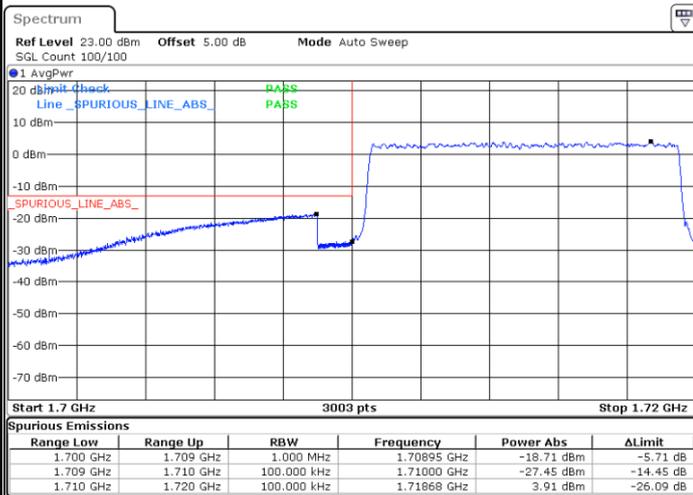
Date: 28 DEC 2020 20:31:48

Highest Band Edge / 1 RB



Date: 28 DEC 2020 20:33:33

Lowest Band Edge / Full RB



Date: 28 DEC 2020 20:32:08

Highest Band Edge / Full RB

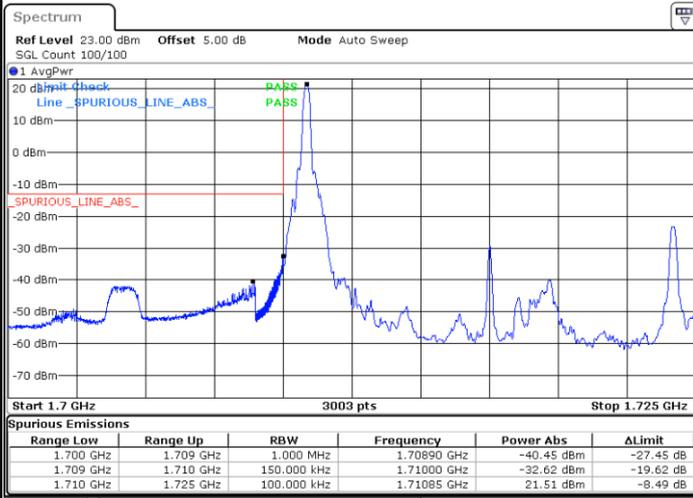


Date: 28 DEC 2020 20:33:48



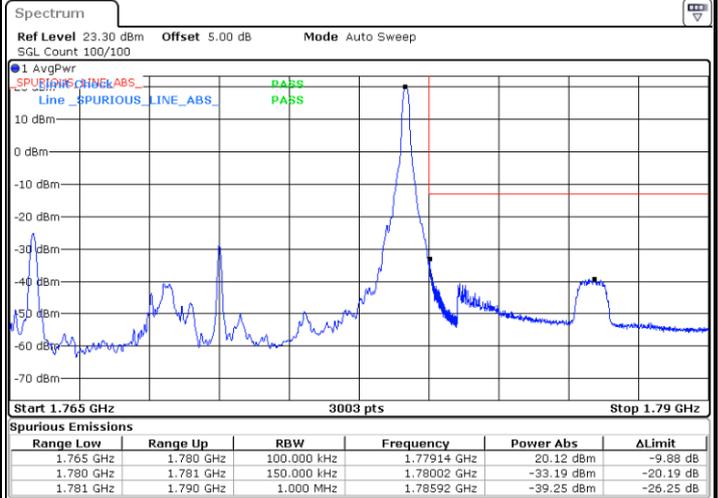
LTE Band 66 / 15MHz / QPSK

Lowest Band Edge / 1 RB



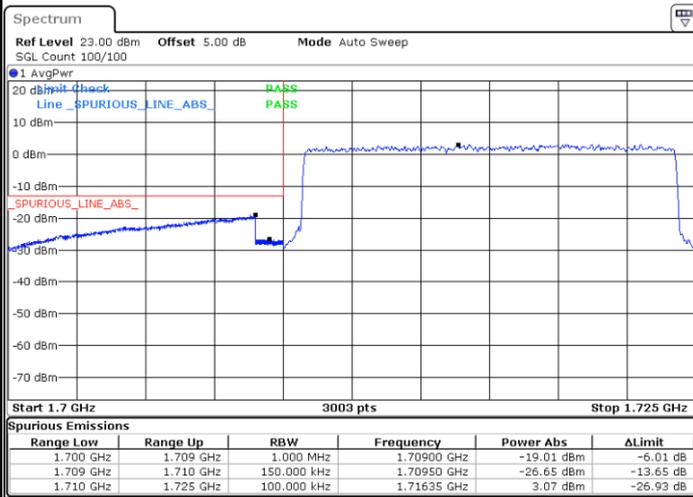
Date: 28 DEC 2020 20:59:44

Highest Band Edge / 1 RB



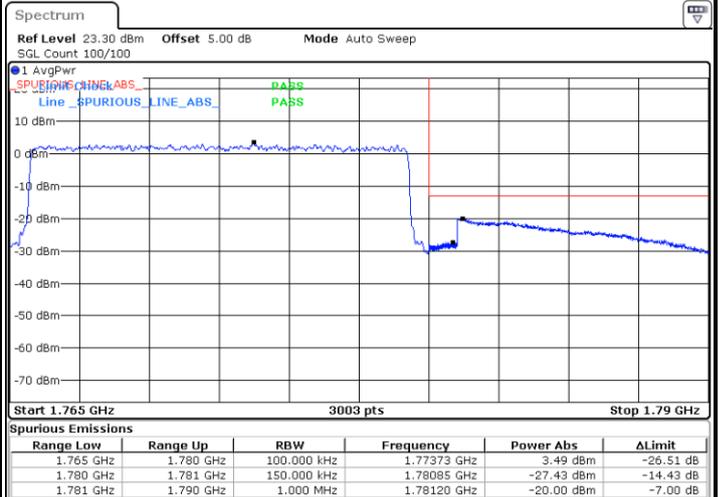
Date: 28 DEC 2020 21:01:56

Lowest Band Edge / Full RB



Date: 28 DEC 2020 21:01:11

Highest Band Edge / Full RB

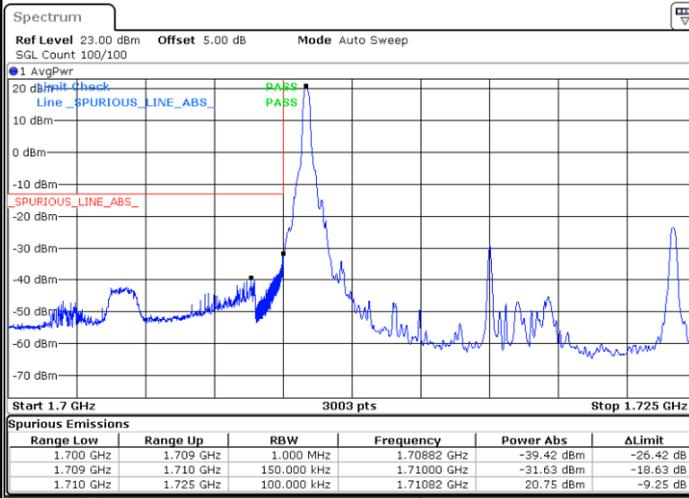


Date: 28 DEC 2020 21:03:11



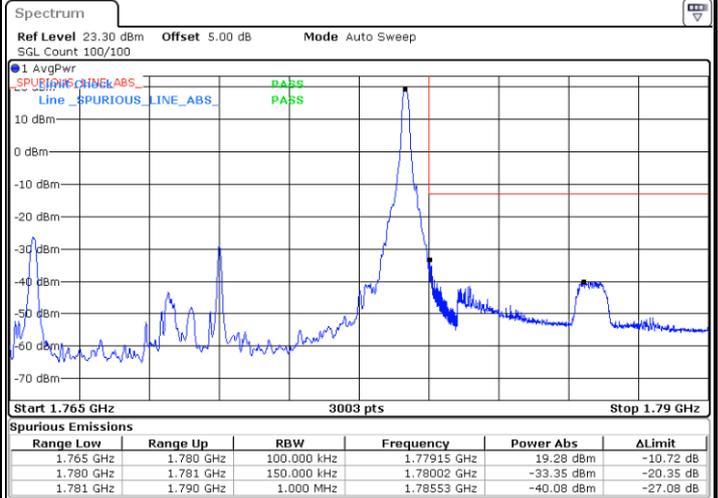
LTE Band 66 / 15MHz / 16QAM

Lowest Band Edge / 1 RB



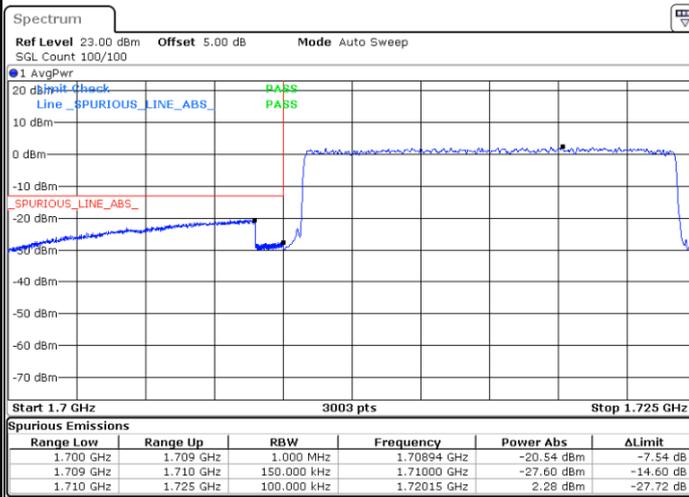
Date: 28 DEC 2020 21:00:00

Highest Band Edge / 1 RB



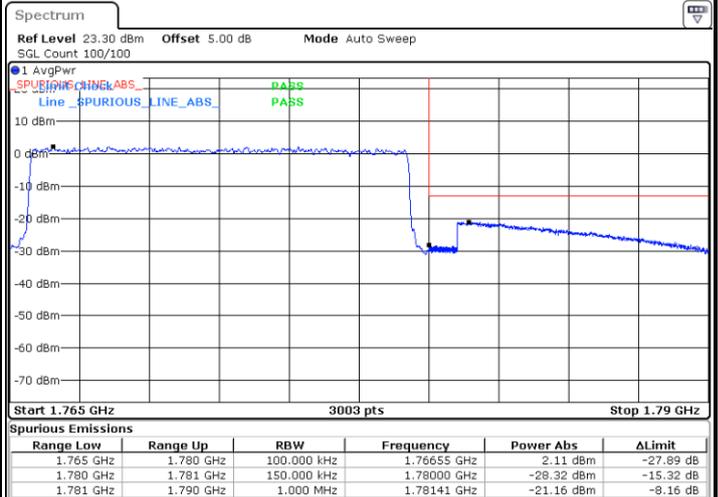
Date: 28 DEC 2020 21:02:10

Lowest Band Edge / Full RB



Date: 28 DEC 2020 21:00:49

Highest Band Edge / Full RB

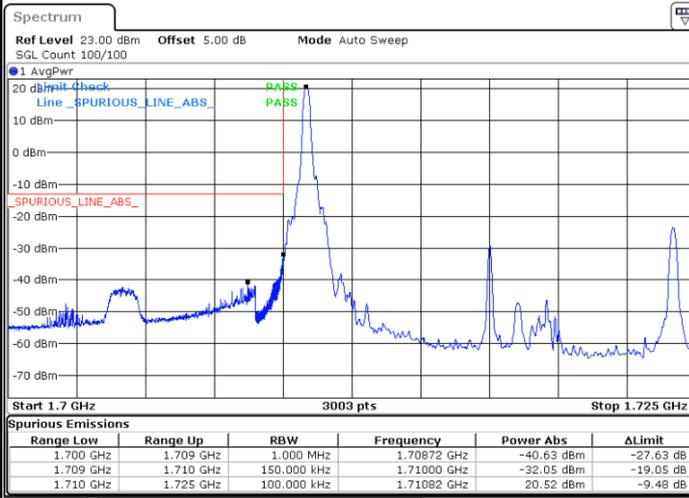


Date: 28 DEC 2020 21:02:54



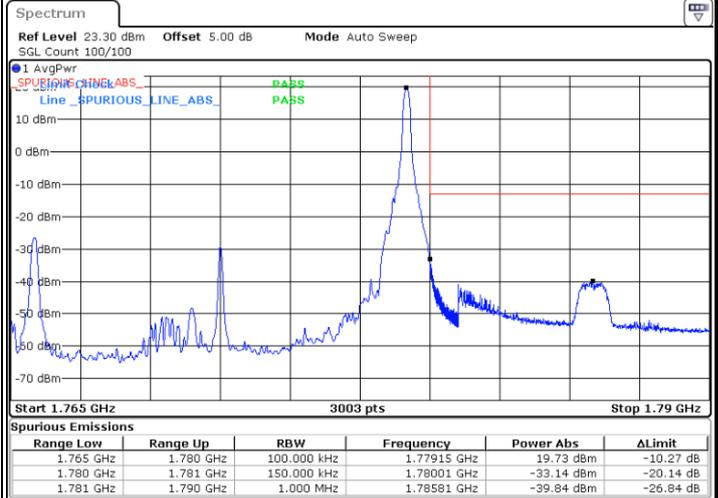
LTE Band 66 / 15MHz / 64QAM

Lowest Band Edge / 1 RB



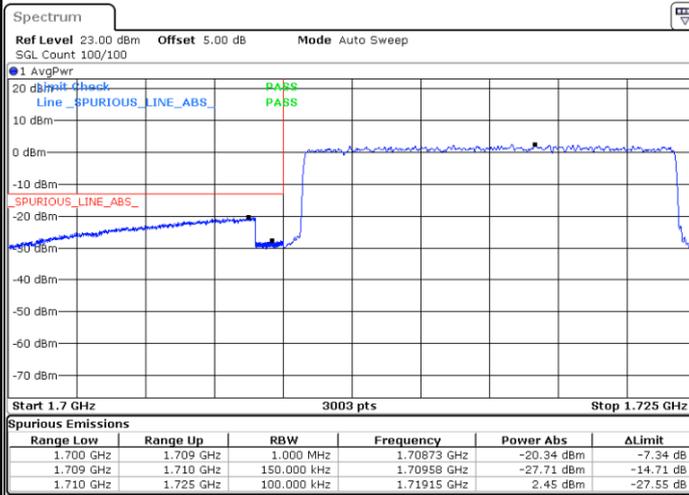
Date: 28 DEC 2020 21:00:14

Highest Band Edge / 1 RB



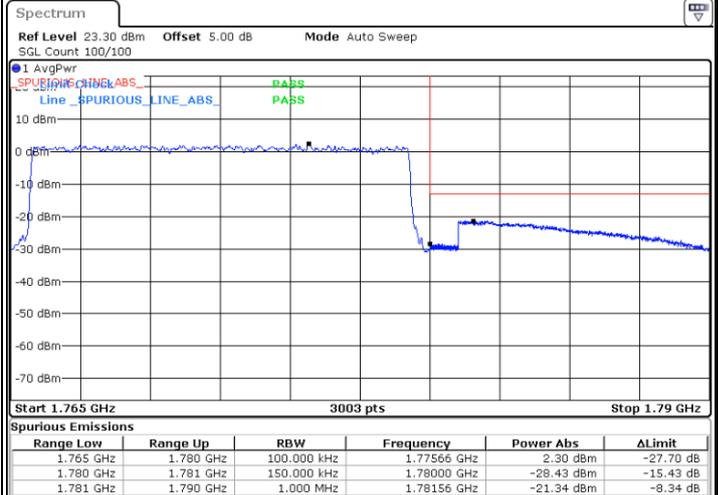
Date: 28 DEC 2020 21:02:23

Lowest Band Edge / Full RB



Date: 28 DEC 2020 21:00:31

Highest Band Edge / Full RB

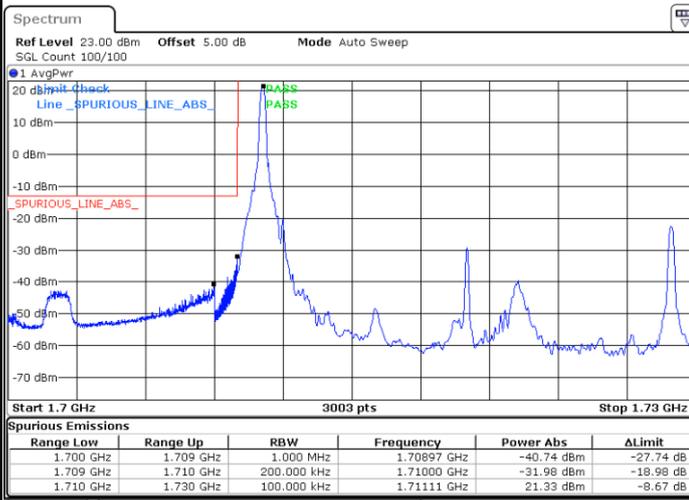


Date: 28 DEC 2020 21:02:40



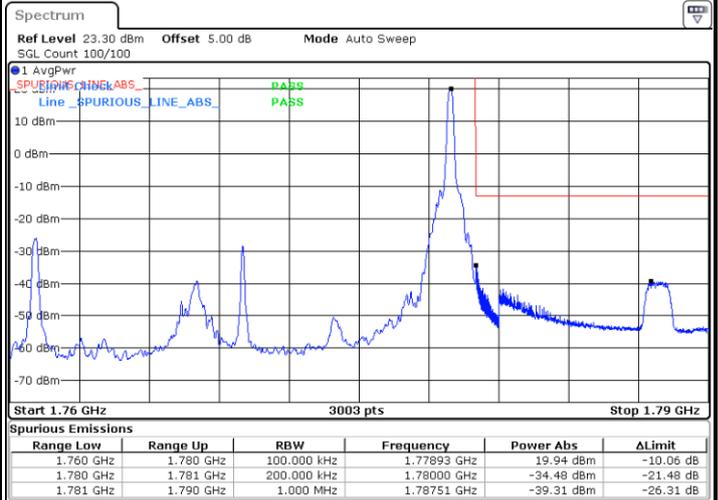
LTE Band 66 / 20MHz / QPSK

Lowest Band Edge / 1 RB



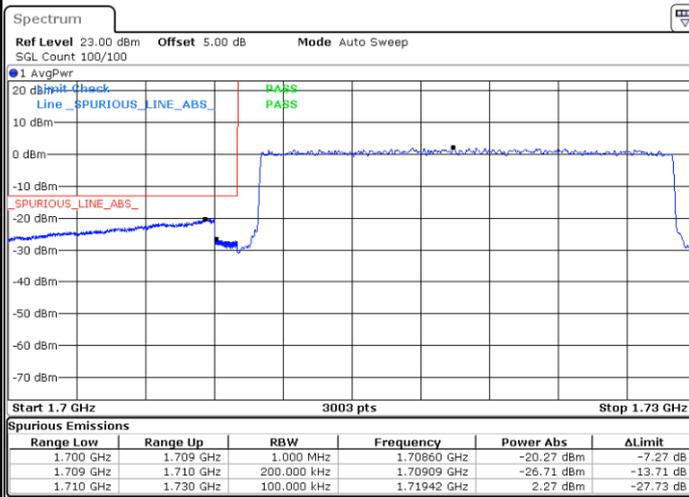
Date: 28 DEC 2020 21:07:27

Highest Band Edge / 1 RB



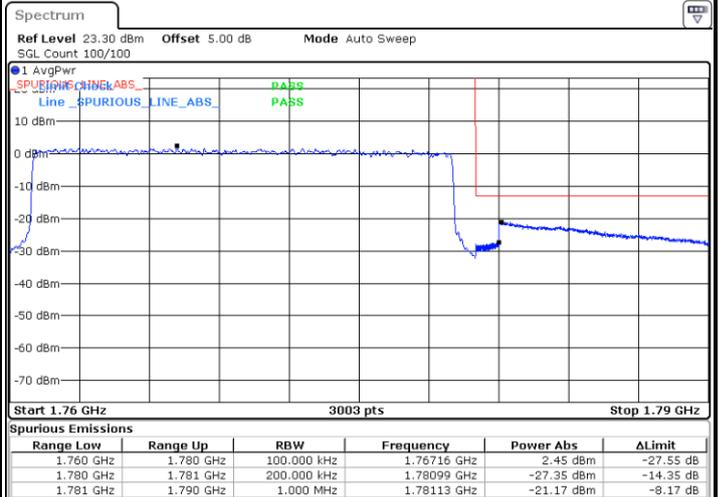
Date: 28 DEC 2020 21:10:05

Lowest Band Edge / Full RB



Date: 28 DEC 2020 21:06:16

Highest Band Edge / Full RB



Date: 28 DEC 2020 21:09:51