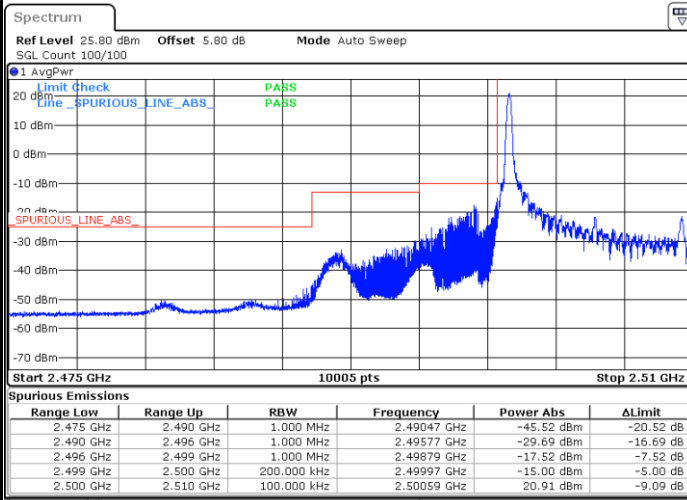




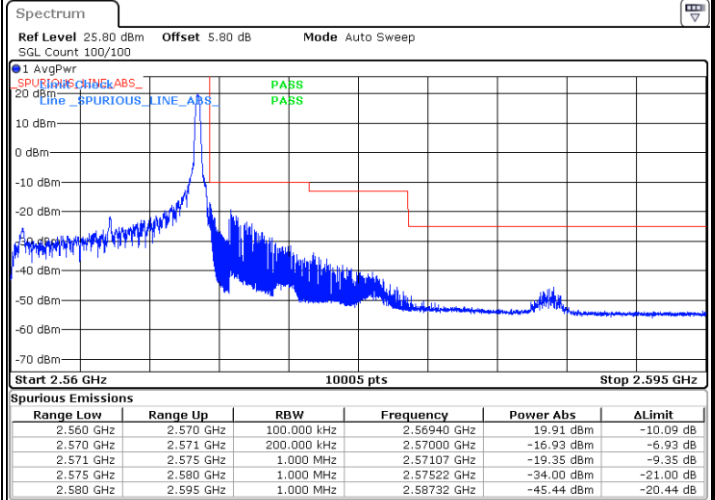
LTE Band 7 / 10MHz / QPSK

Lowest Band Edge / 1 RB



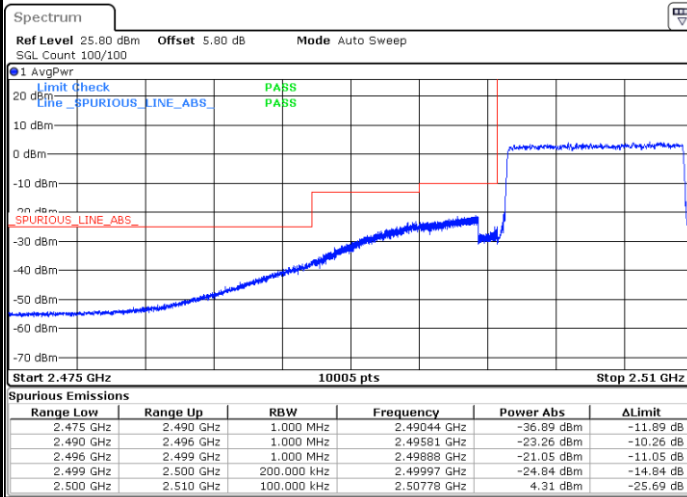
Date: 18 DEC 2020 09:30:57

Highest Band Edge / 1 RB



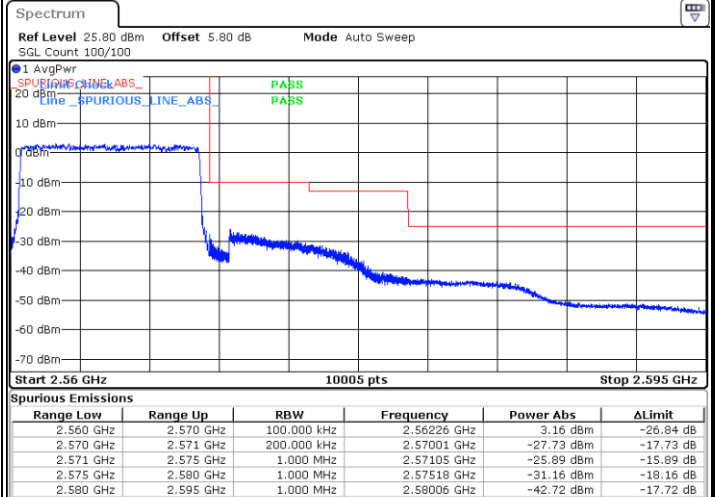
Date: 18 DEC 2020 09:39:01

Lowest Band Edge / Full RB



Date: 18 DEC 2020 09:34:24

Highest Band Edge / Full RB

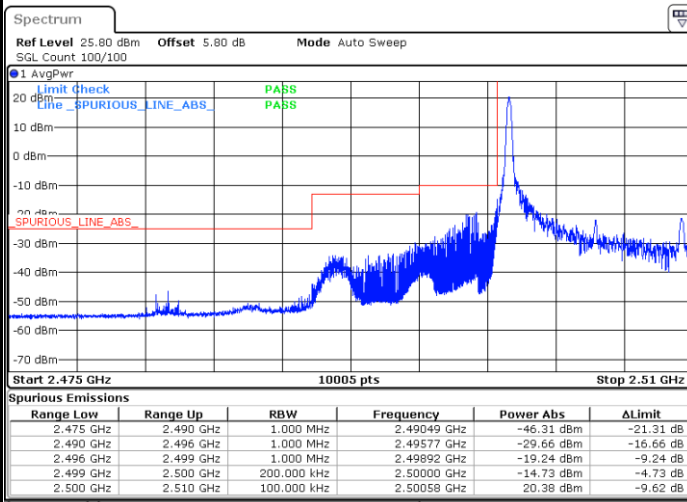


Date: 18 DEC 2020 09:35:33



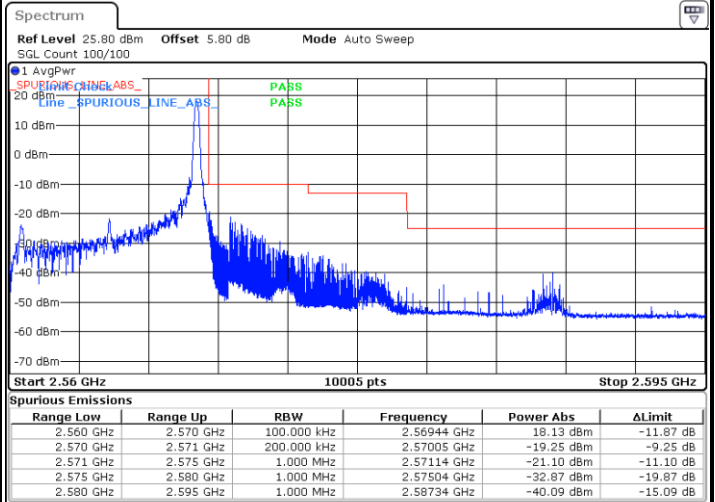
LTE Band 7 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



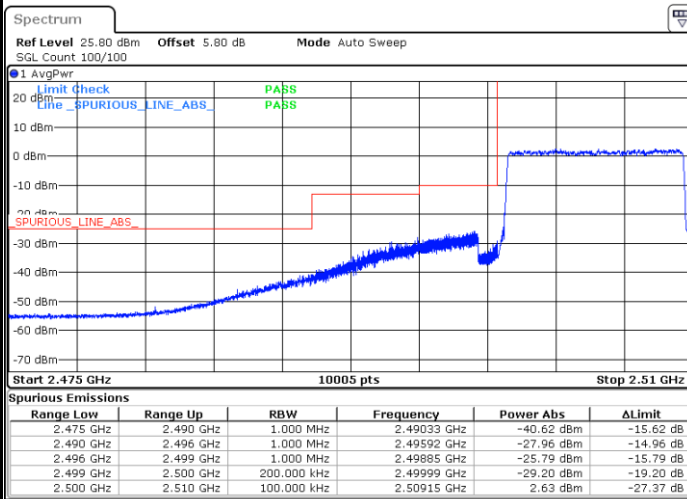
Date: 18 DEC 2020 09:32:06

Highest Band Edge / 1 RB



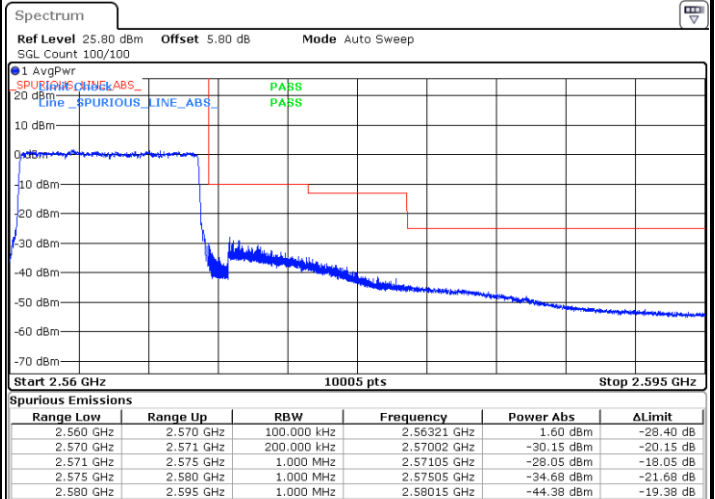
Date: 18 DEC 2020 09:37:52

Lowest Band Edge / Full RB



Date: 18 DEC 2020 09:33:15

Highest Band Edge / Full RB

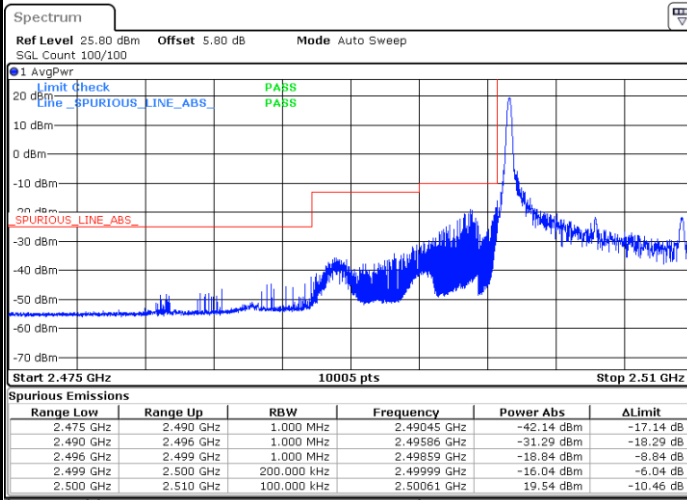


Date: 18 DEC 2020 09:36:42



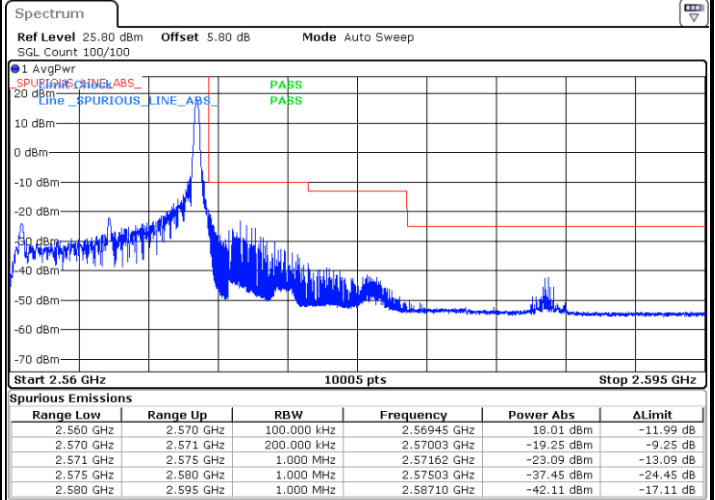
LTE Band 7 / 10MHz / 64QAM

Lowest Band Edge / 1 RB



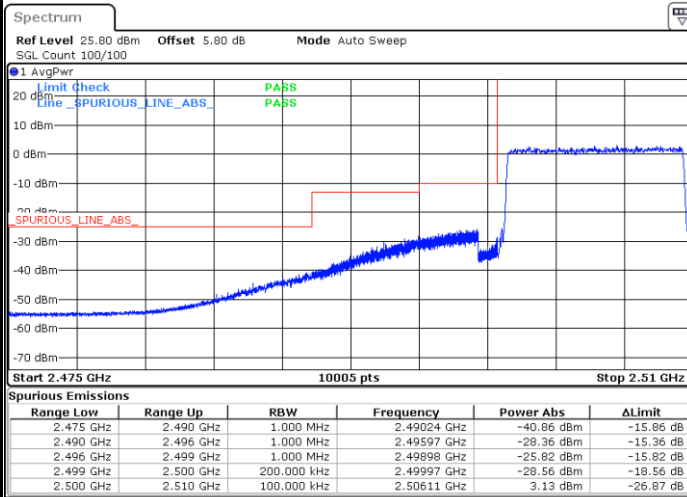
Date: 18 DEC 2020 10:03:12

Highest Band Edge / 1 RB



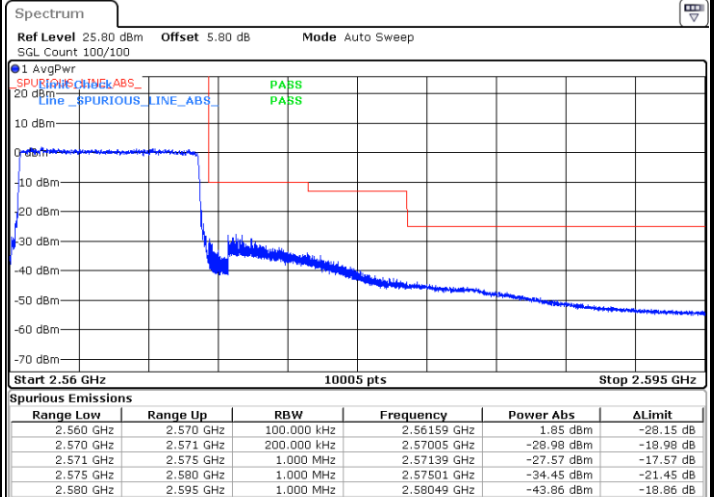
Date: 18 DEC 2020 10:05:30

Lowest Band Edge / Full RB



Date: 18 DEC 2020 10:04:21

Highest Band Edge / Full RB

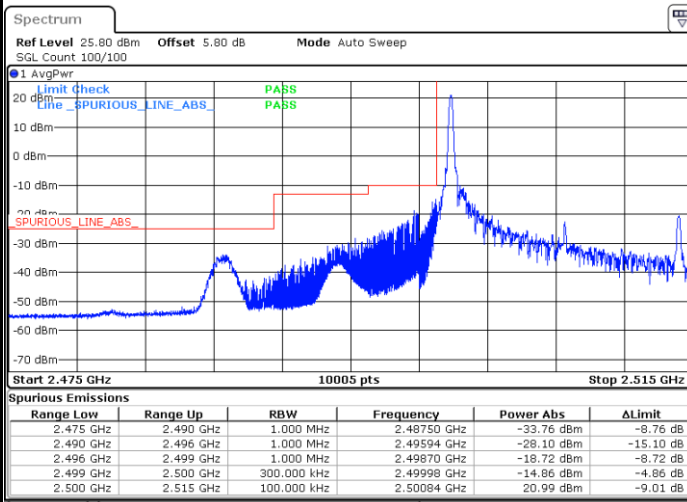


Date: 18 DEC 2020 10:06:40



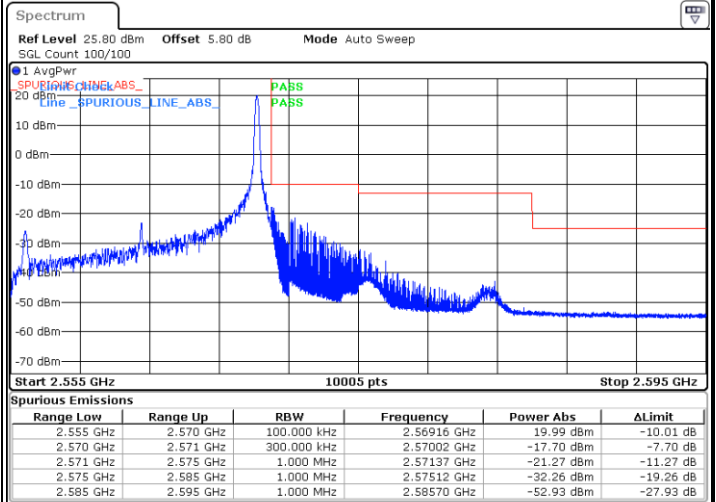
LTE Band 7 / 15MHz / QPSK

Lowest Band Edge / 1 RB



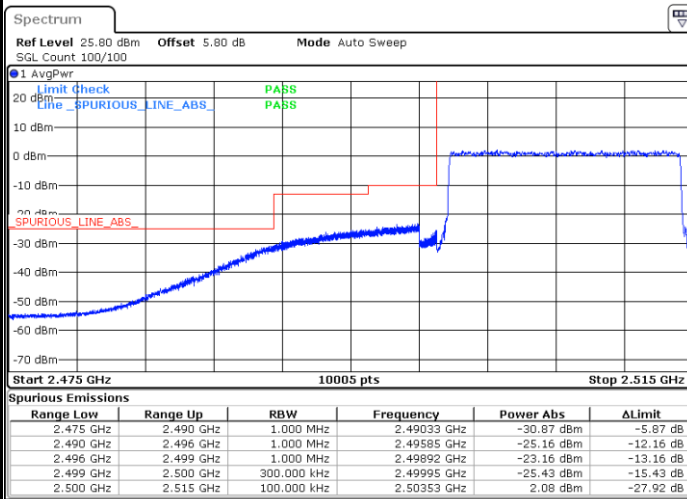
Date: 18.DEC.2020 09:40:10

Highest Band Edge / 1 RB



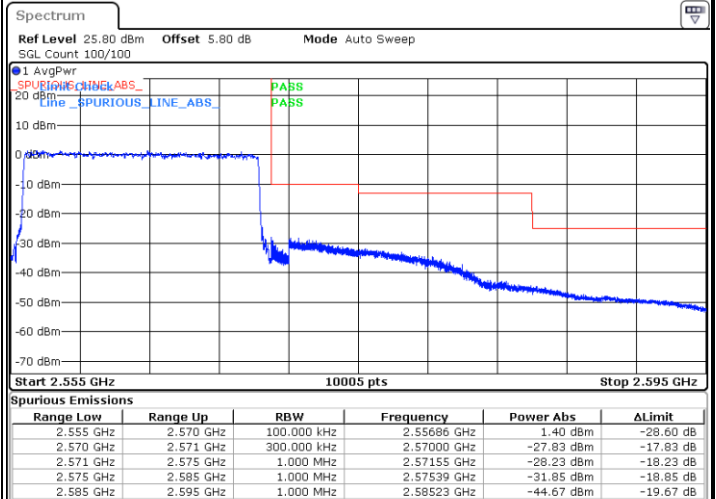
Date: 18.DEC.2020 09:48:14

Lowest Band Edge / Full RB



Date: 18.DEC.2020 09:43:37

Highest Band Edge / Full RB

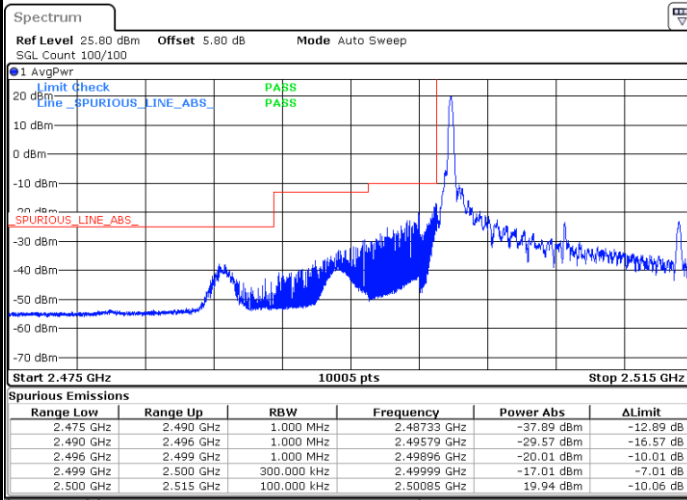


Date: 18.DEC.2020 09:44:46



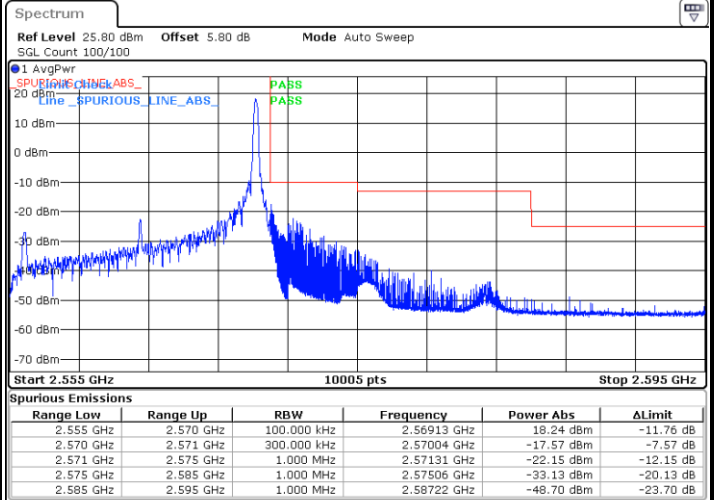
LTE Band 7 / 15MHz / 16QAM

Lowest Band Edge / 1 RB



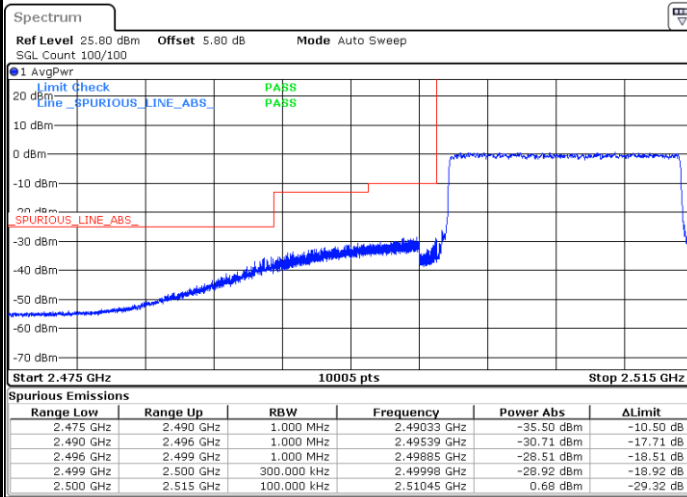
Date: 18 DEC 2020 09:41:19

Highest Band Edge / 1 RB



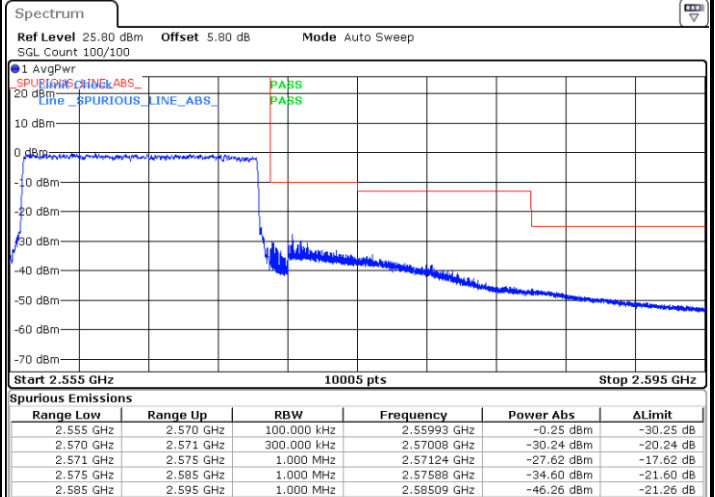
Date: 18 DEC 2020 09:47:05

Lowest Band Edge / Full RB



Date: 18 DEC 2020 09:42:28

Highest Band Edge / Full RB

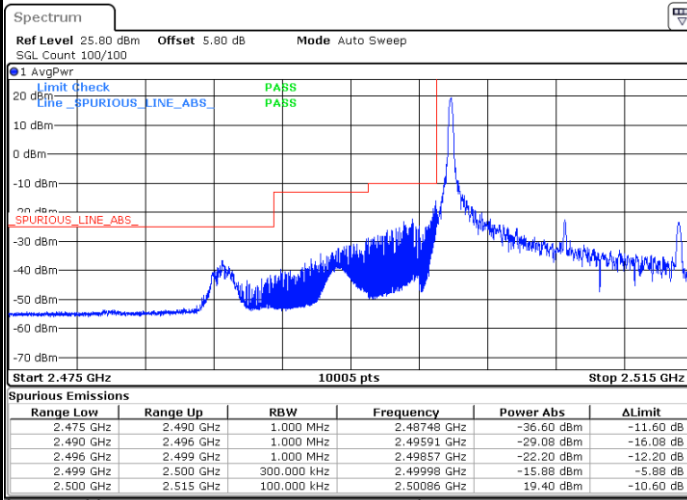


Date: 18 DEC 2020 09:45:55



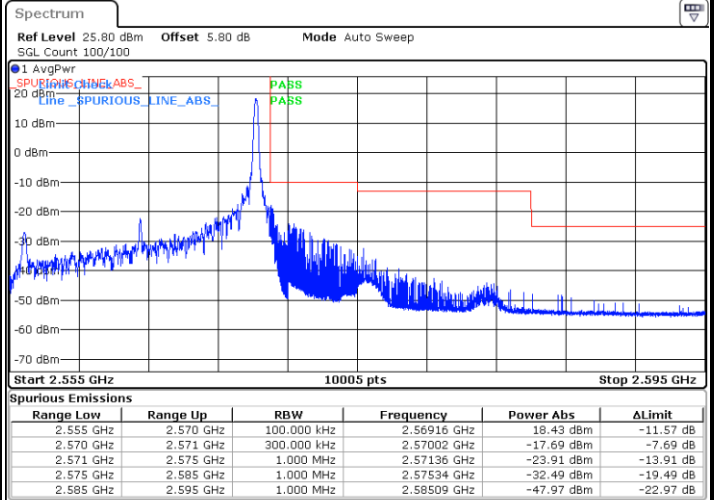
LTE Band 7 / 15MHz / 64QAM

Lowest Band Edge / 1 RB



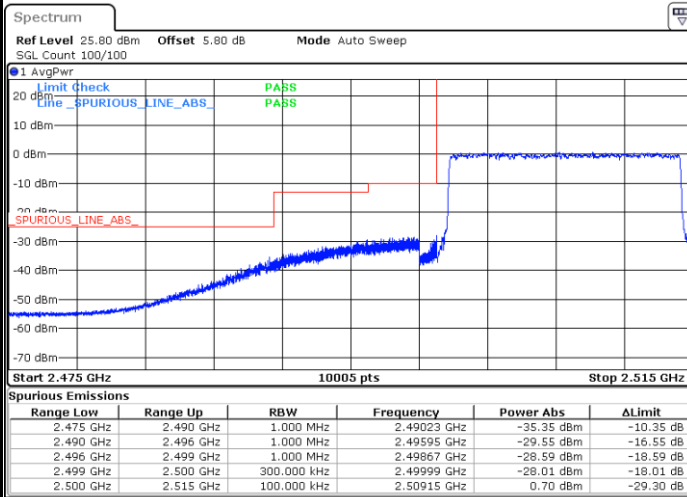
Date: 18 DEC 2020 10:08:58

Highest Band Edge / 1 RB



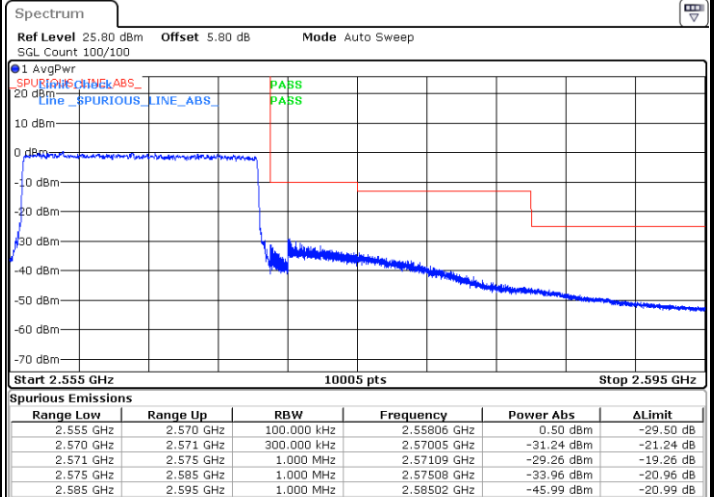
Date: 18 DEC 2020 10:11:16

Lowest Band Edge / Full RB



Date: 18 DEC 2020 10:07:49

Highest Band Edge / Full RB

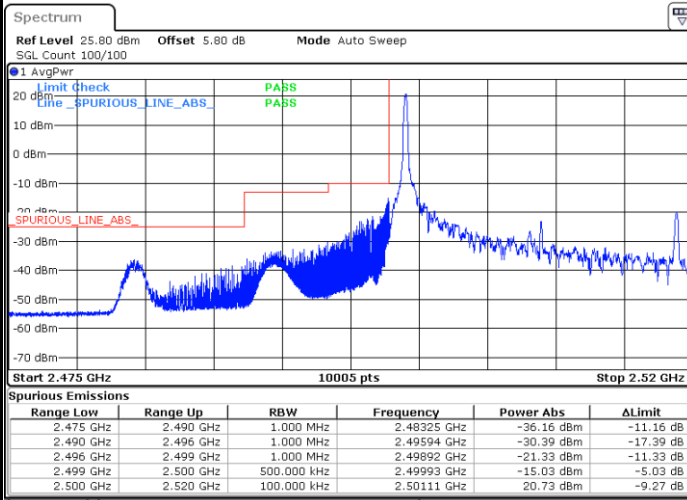


Date: 18 DEC 2020 10:10:07



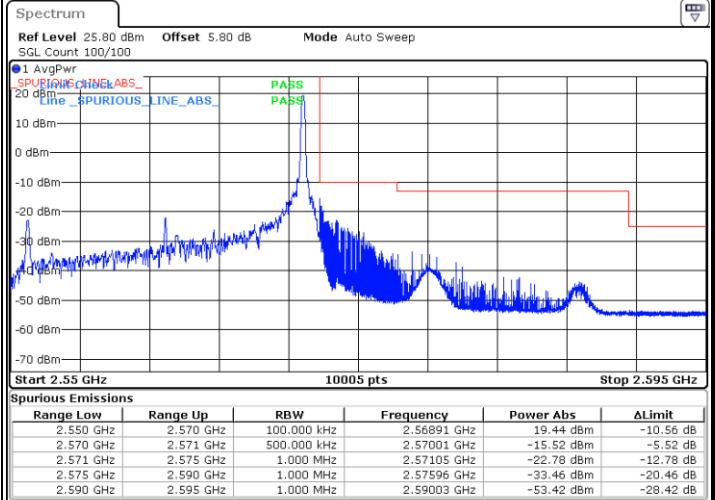
LTE Band 7 / 20MHz / QPSK

Lowest Band Edge / 1 RB



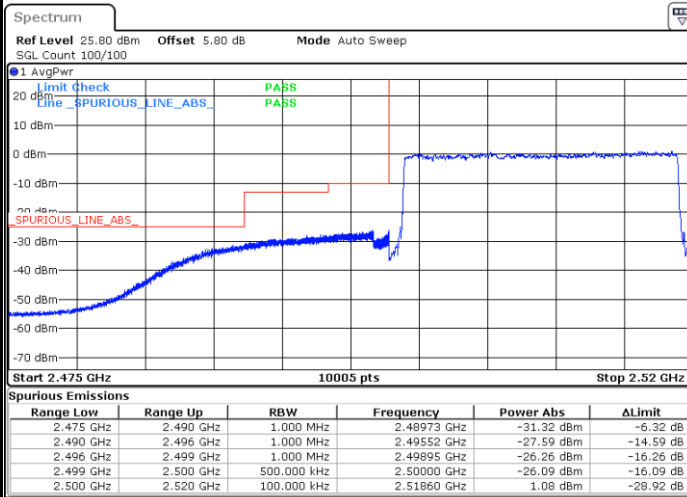
Date: 18 DEC 2020 09:49:23

Highest Band Edge / 1 RB



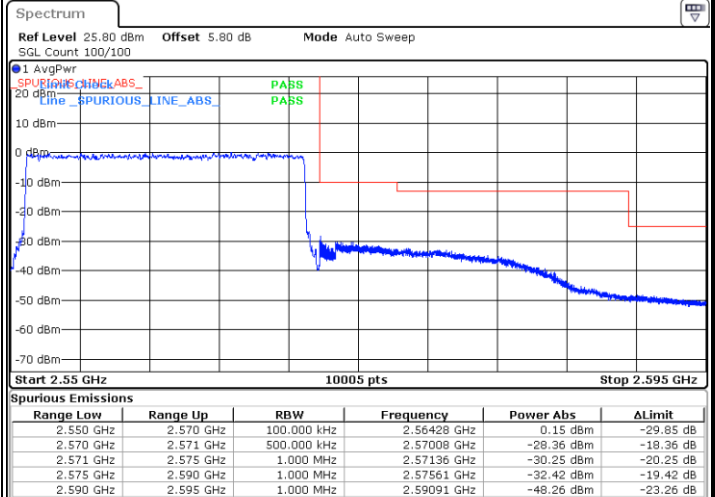
Date: 18 DEC 2020 09:57:27

Lowest Band Edge / Full RB



Date: 18 DEC 2020 09:52:50

Highest Band Edge / Full RB

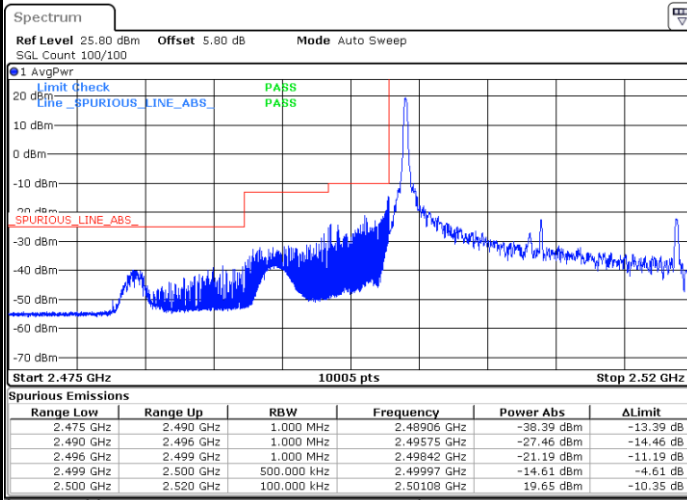


Date: 18 DEC 2020 09:53:59



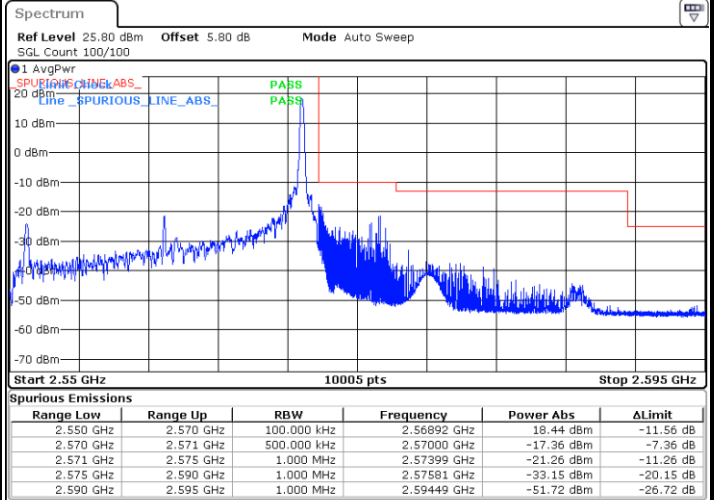
LTE Band 7 / 20MHz / 16QAM

Lowest Band Edge / 1 RB



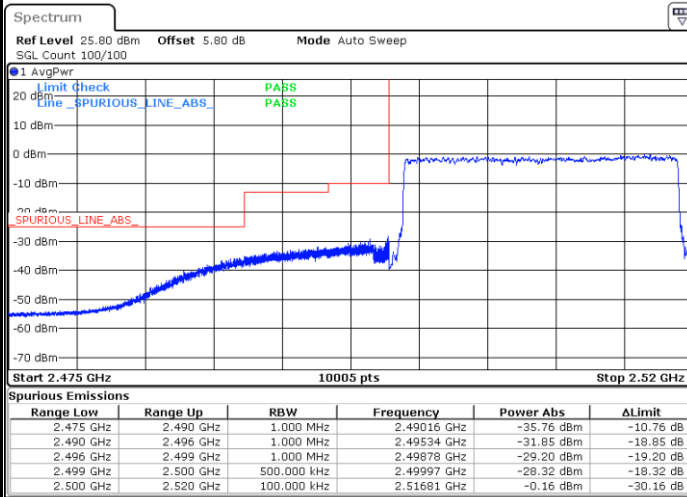
Date: 18 DEC 2020 09:50:32

Highest Band Edge / 1RB



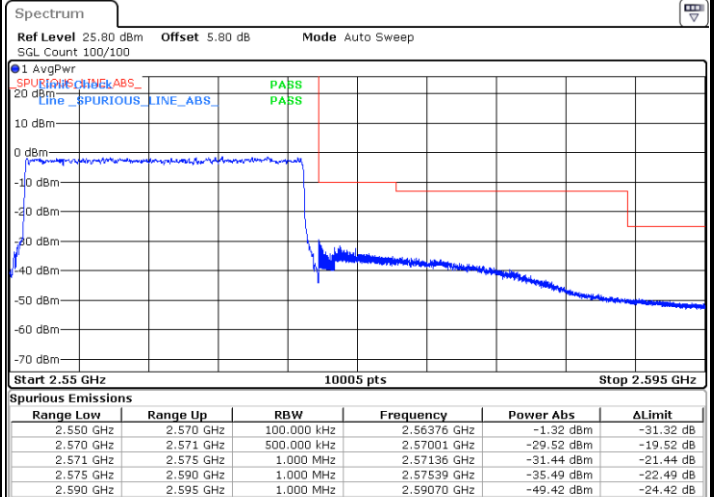
Date: 18 DEC 2020 09:56:18

Lowest Band Edge / Full RB



Date: 18 DEC 2020 09:51:41

Highest Band Edge / Full RB



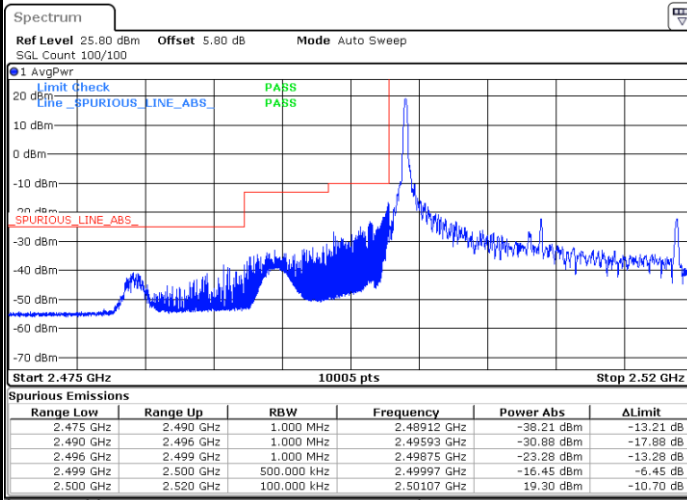
Date: 18 DEC 2020 09:55:09





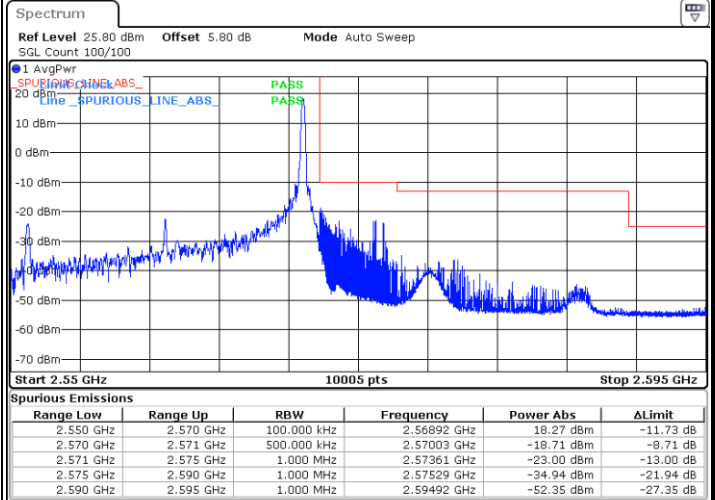
LTE Band 7 / 20MHz / 64QAM

Lowest Band Edge / 1 RB



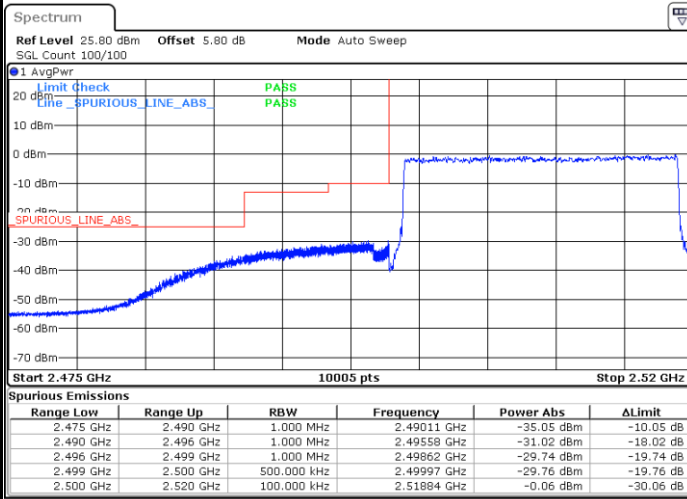
Date: 18. DEC. 2020 10:13:34

Highest Band Edge / 1 RB



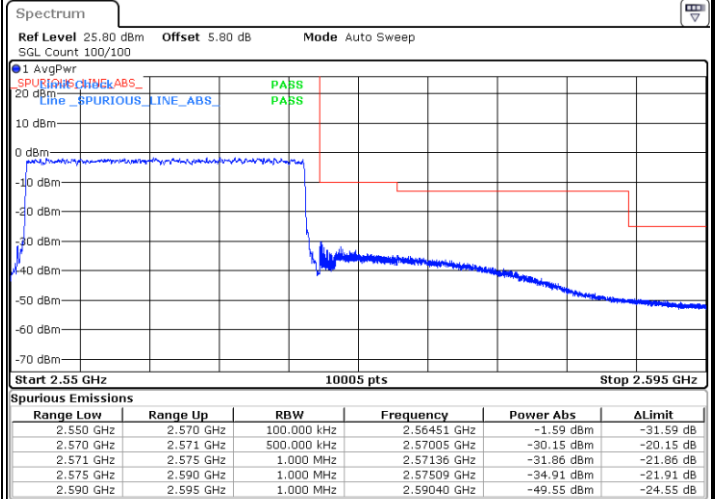
Date: 18. DEC. 2020 10:15:53

Lowest Band Edge / Full RB



Date: 18. DEC. 2020 10:12:25

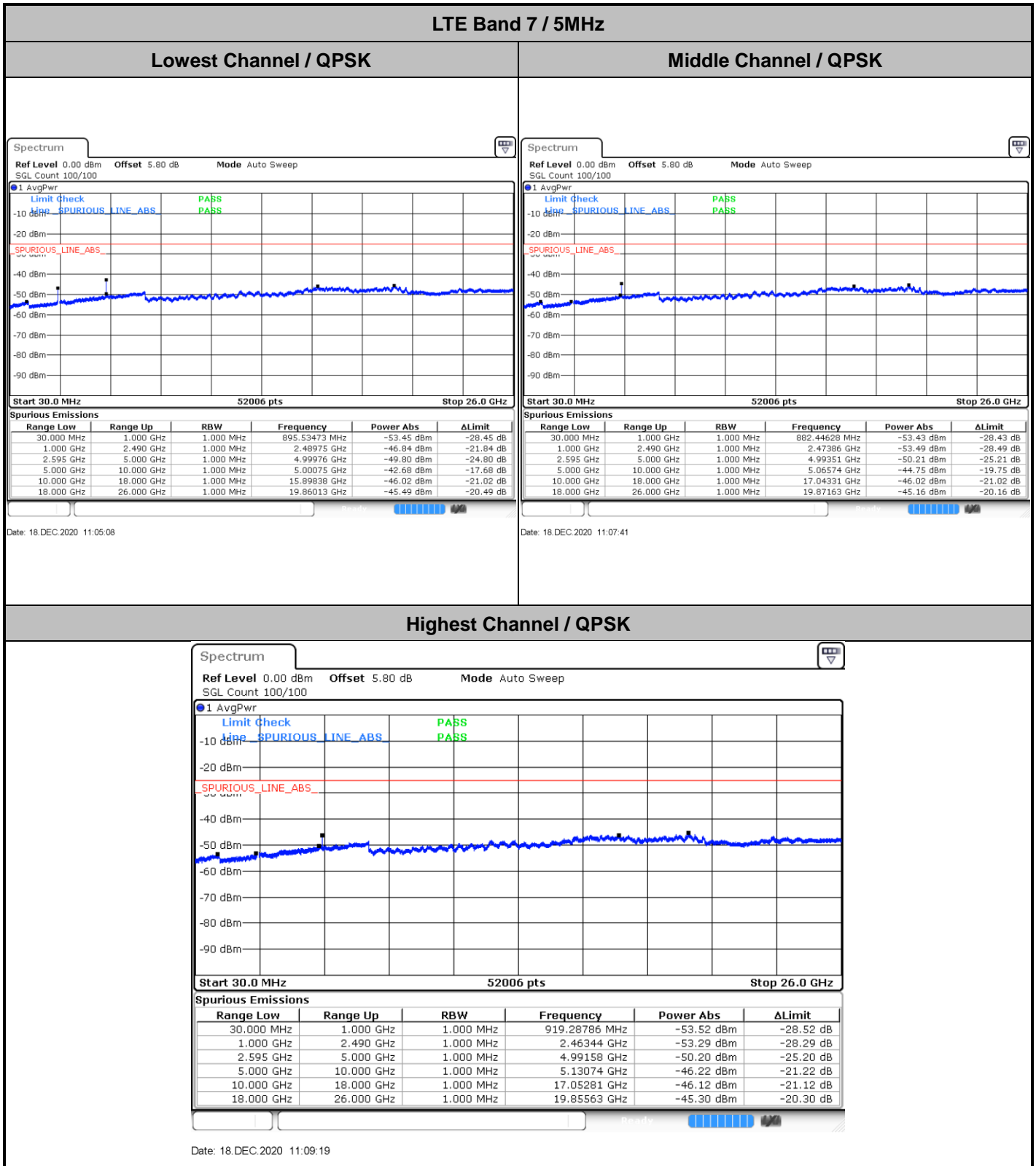
Highest Band Edge / Full RB



Date: 18. DEC. 2020 10:14:43



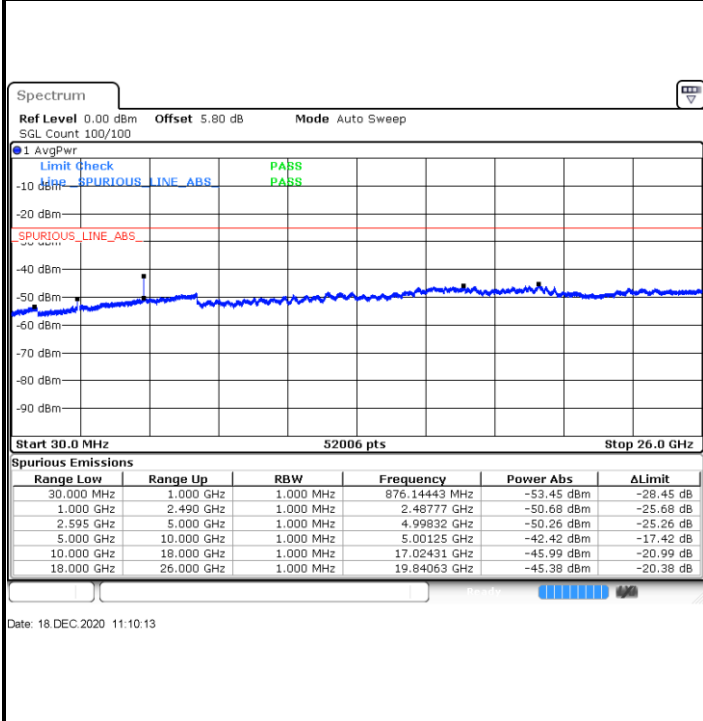
# Conducted Spurious Emission



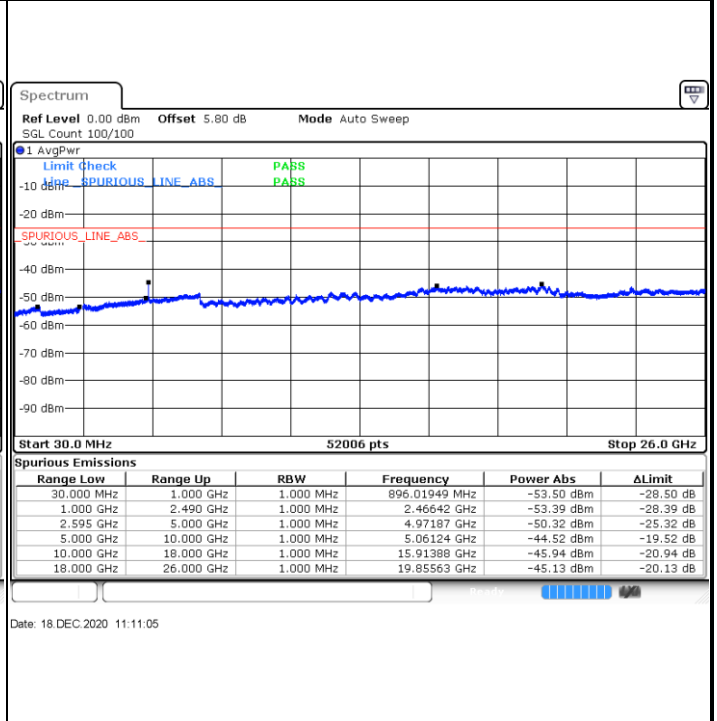


**LTE Band 7 / 10MHz**

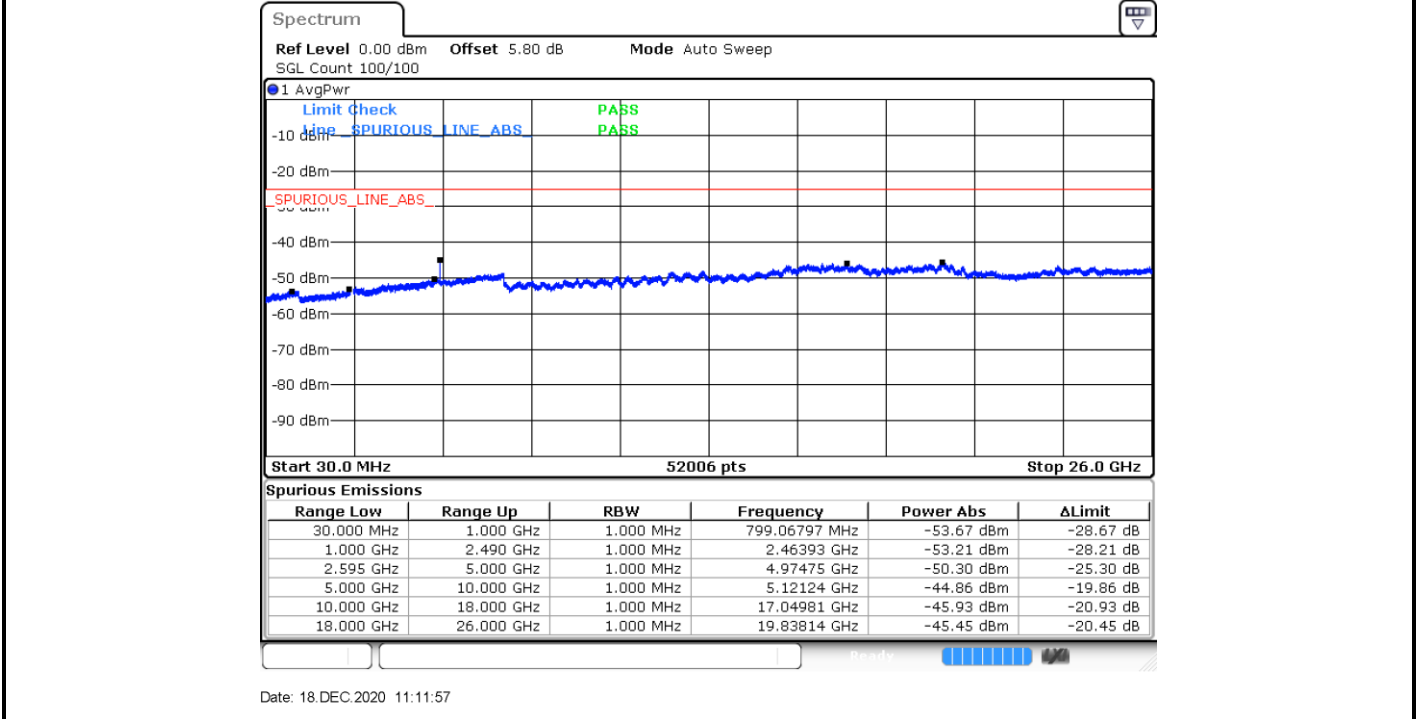
**Lowest Channel / QPSK**



**Middle Channel / QPSK**



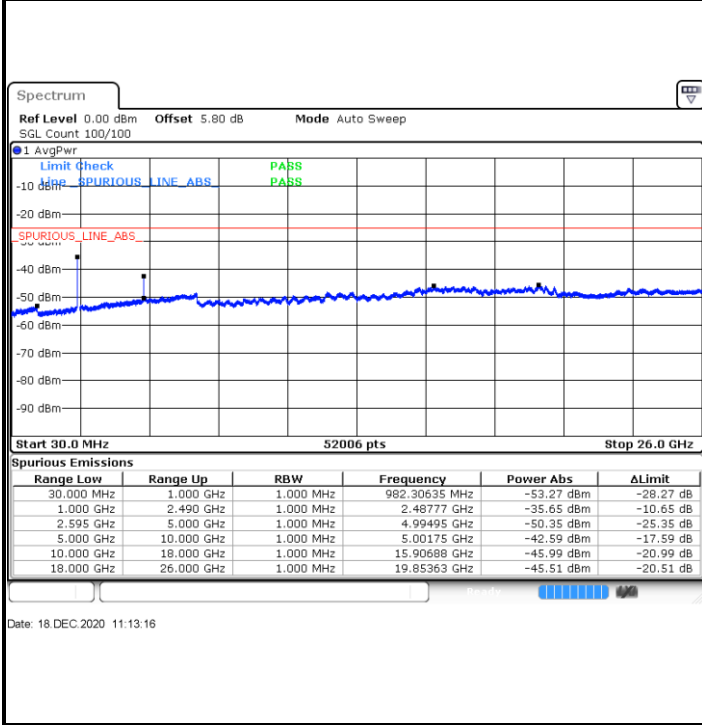
**Highest Channel / QPSK**



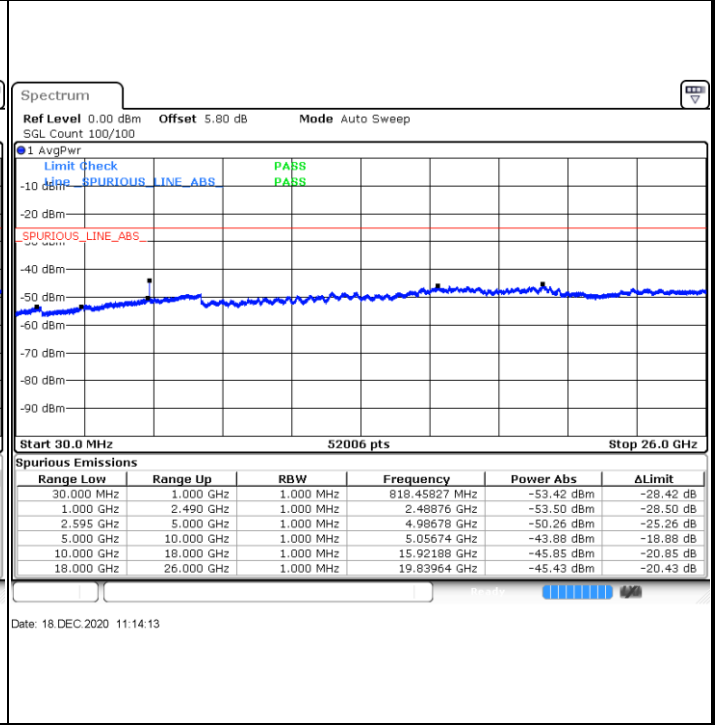


**LTE Band 7 / 15MHz**

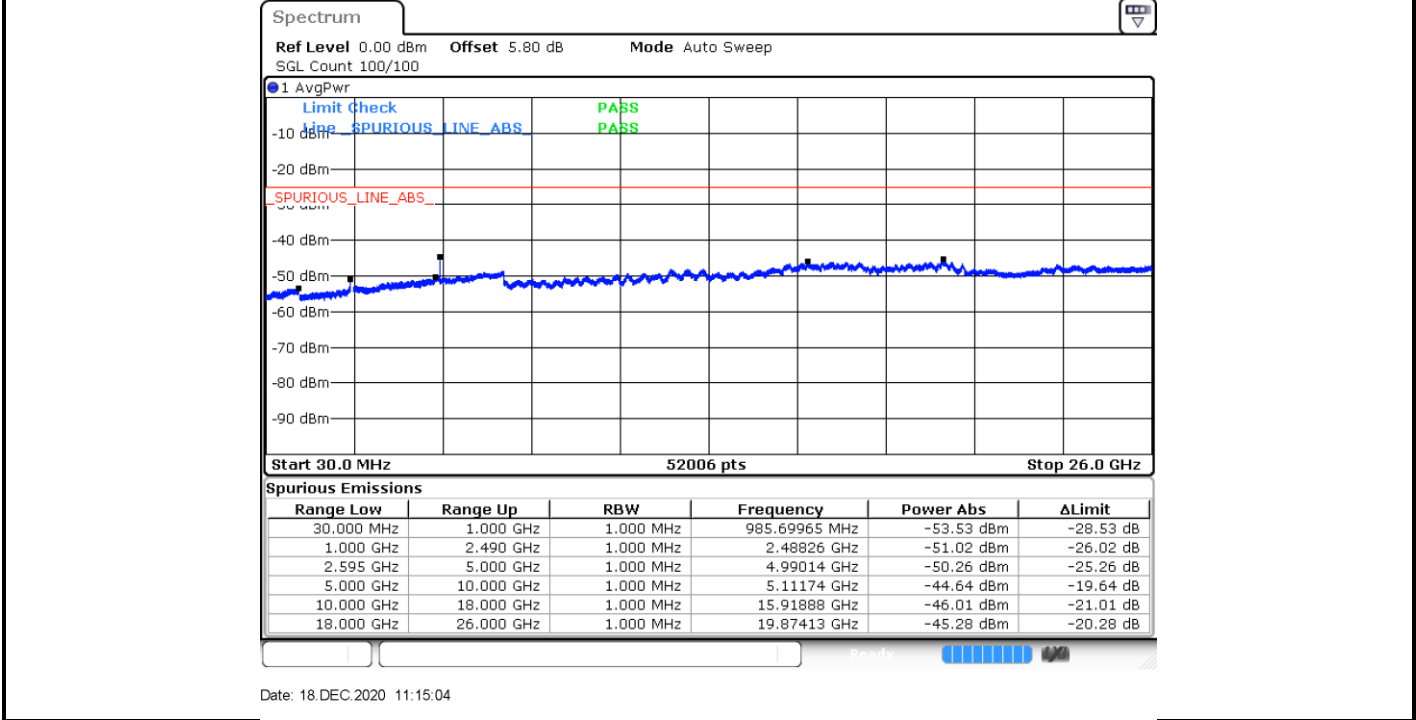
**Lowest Channel / QPSK**



**Middle Channel / QPSK**



**Highest Channel / QPSK**

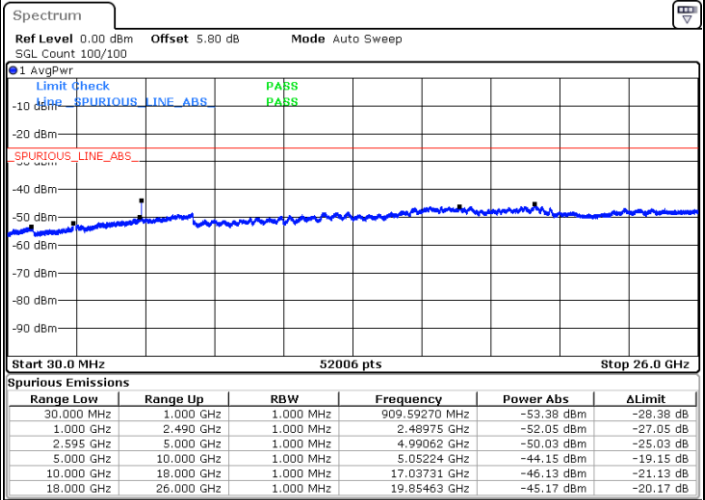
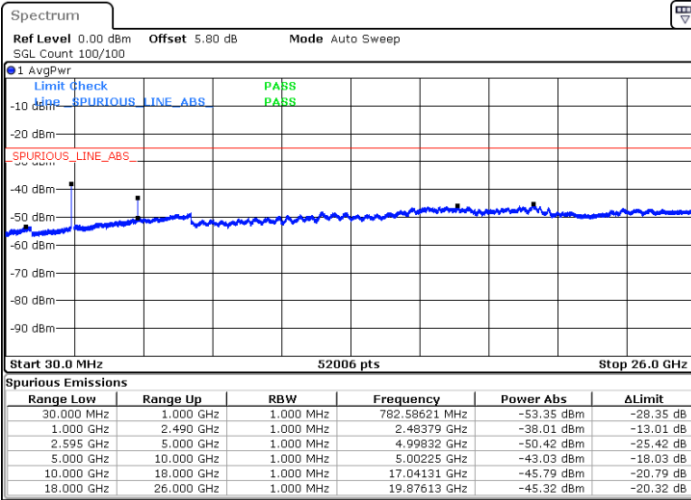




LTE Band 7 / 20MHz

Lowest Channel / QPSK

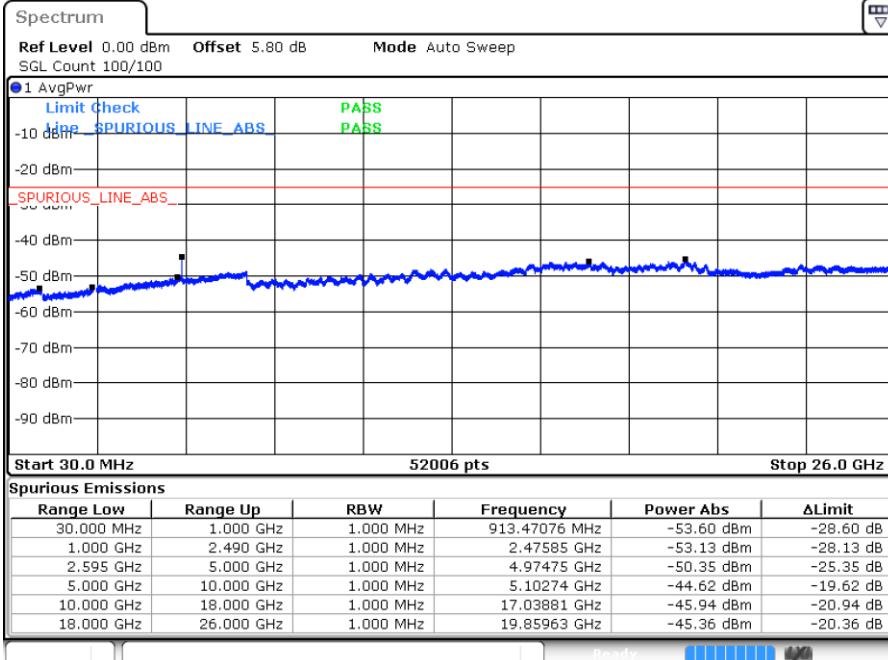
Middle Channel / QPSK



Date: 18.DEC.2020 11:15:57

Date: 18.DEC.2020 11:16:54

Highest Channel / QPSK



Date: 18.DEC.2020 11:17:45



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	0.0015	PASS
40	Normal Voltage	0.0017	
30	Normal Voltage	0.0000	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0011	
0	Normal Voltage	0.0012	
-10	Normal Voltage	0.0002	
-20	Normal Voltage	0.0004	
-30	Normal Voltage	0.0012	
20	Maximum Voltage	0.0002	
20	Normal Voltage	0.0016	
20	Battery End Point	0.0015	

Note:

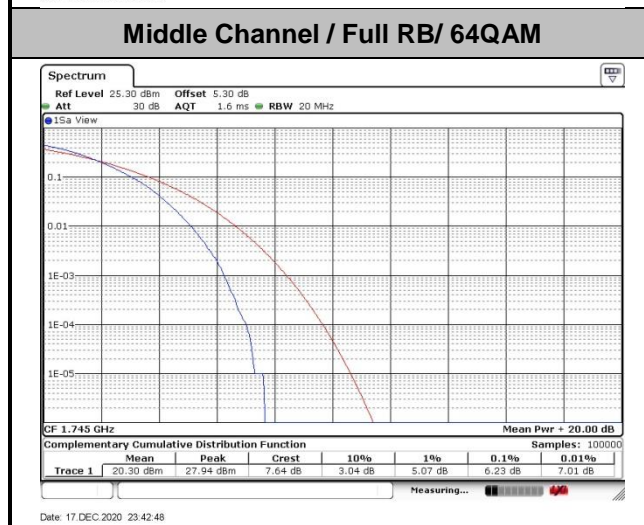
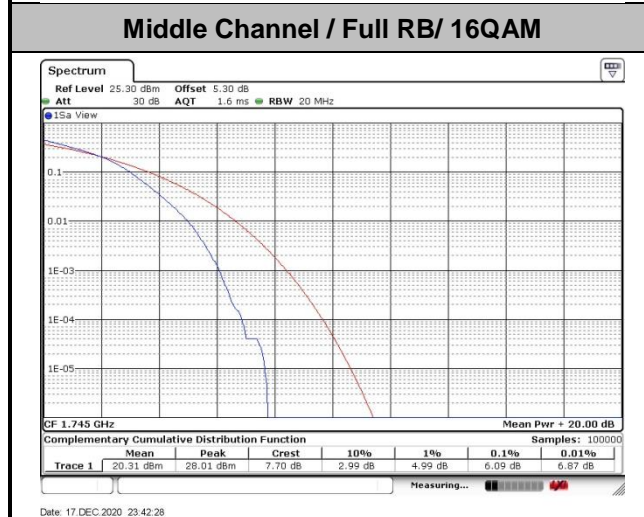
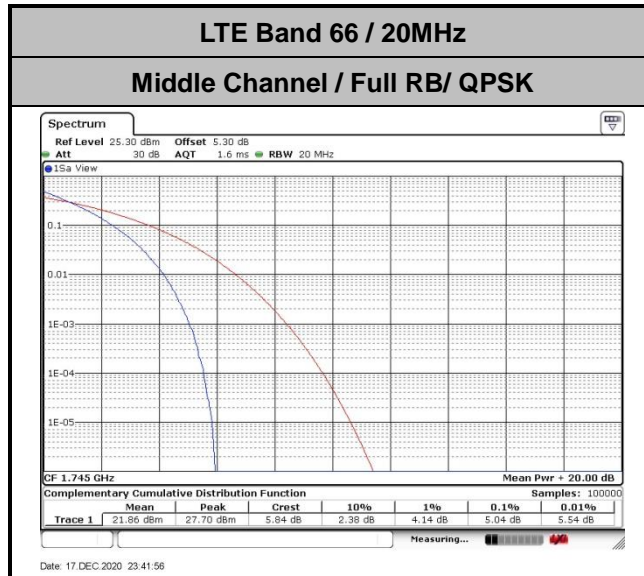
1. Normal Voltage =3.8 V. ; Battery End Point (BEP) =3.5 V. ; Maximum Voltage =4.4 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



## 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	5.04	6.09	6.23	<b>PASS</b>

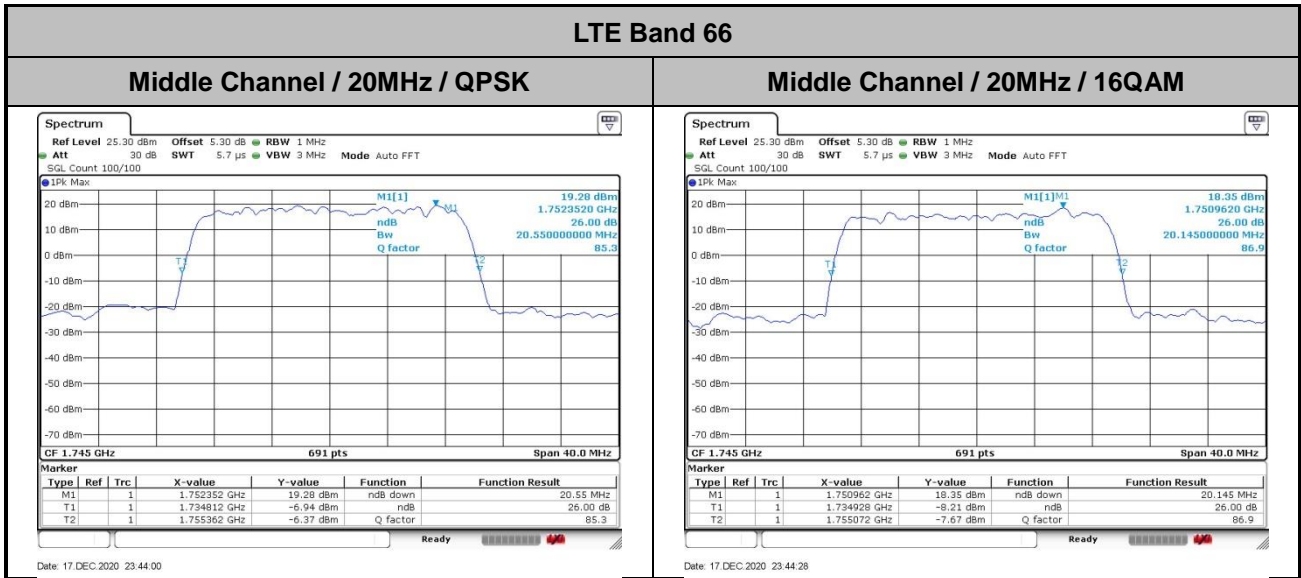






## 26dB Bandwidth

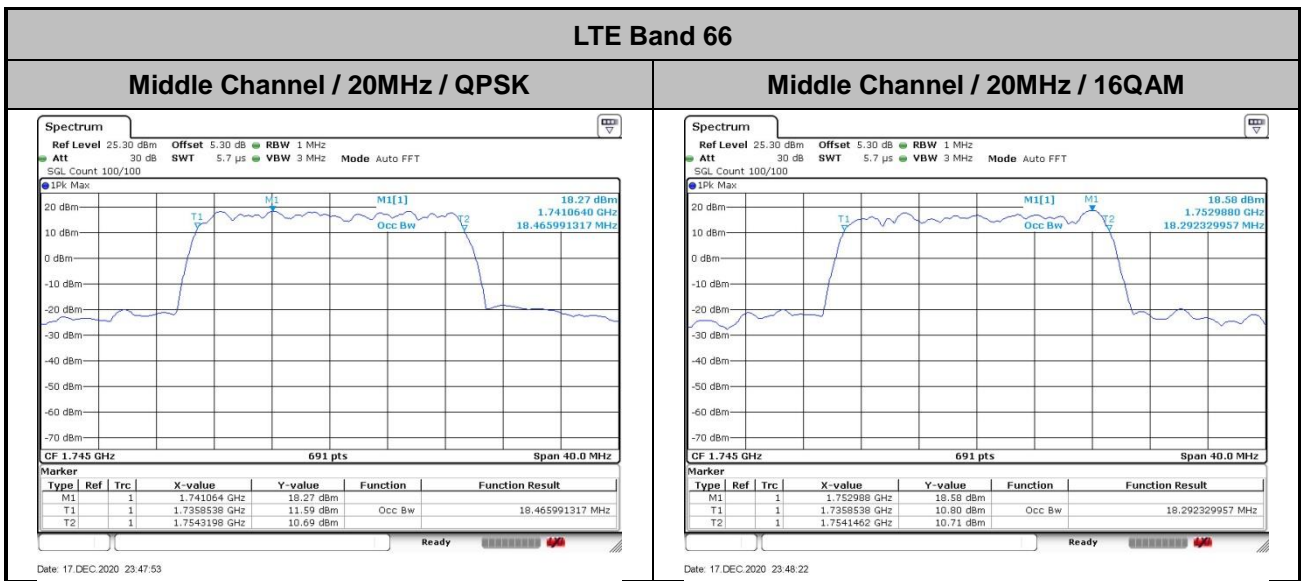
Mode	LTE Band 66 : 26dB BW(MHz)	
BW	20MHz	
Mod.	QPSK	16QAM
Middle CH	20.55	20.15





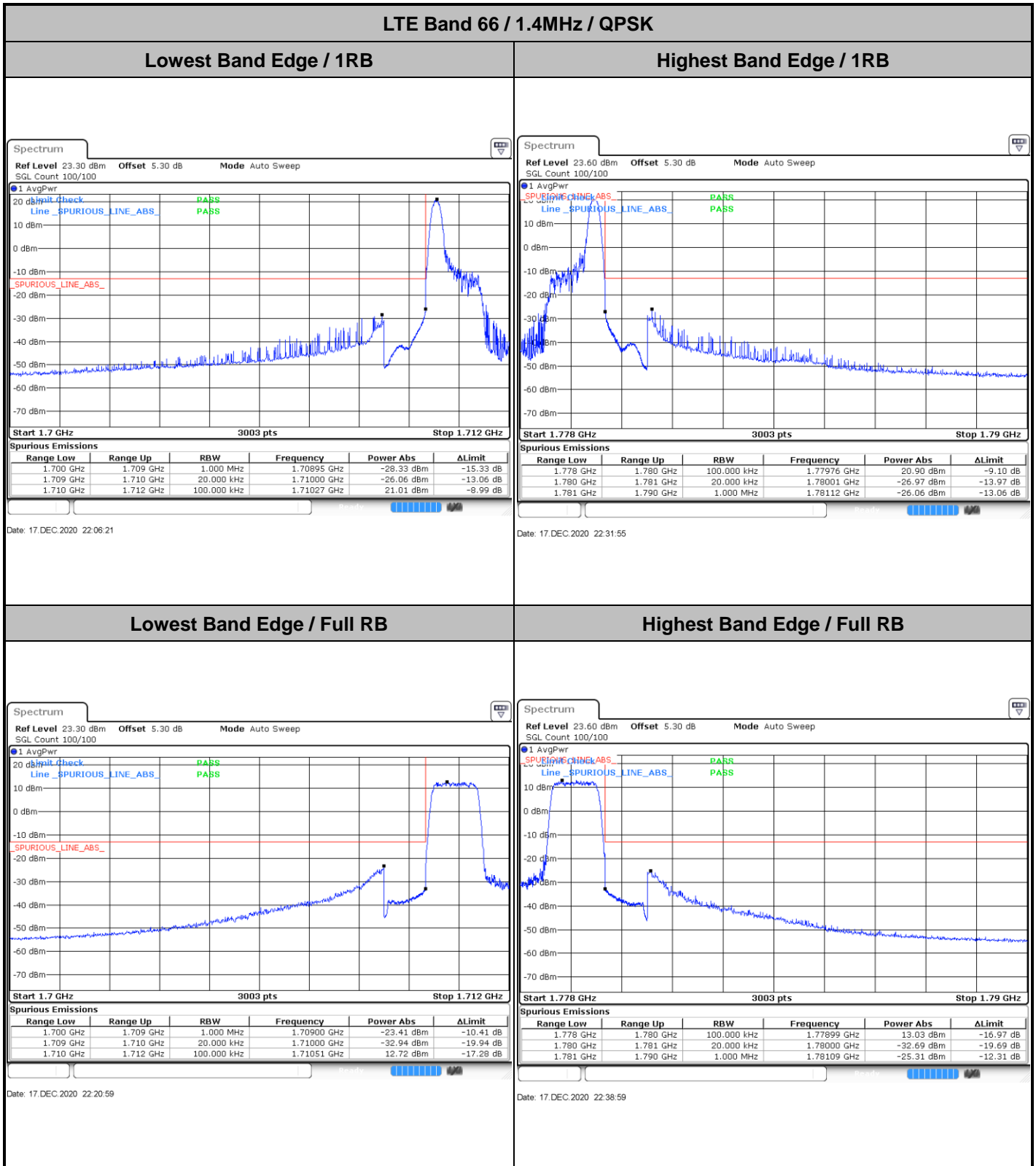
# Occupied Bandwidth

Mode	LTE Band 66 : 99%OBW(MHz)		
BW	20MHz		
Mod.	QPSK	16QAM	
Middle CH	18.47	18.29	





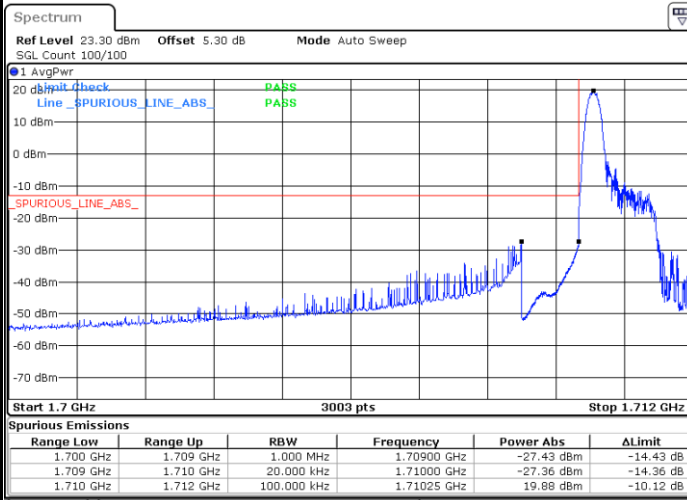
# Conducted Band Edge





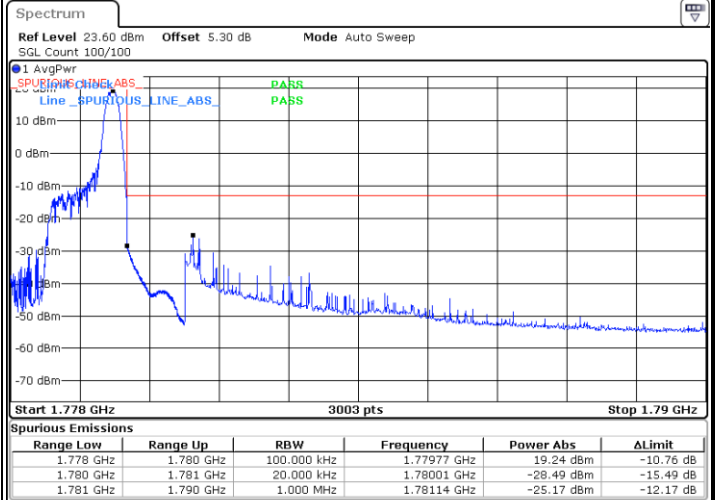
LTE Band 66 / 1.4MHz / 16QAM

Lowest Band Edge / 1 RB



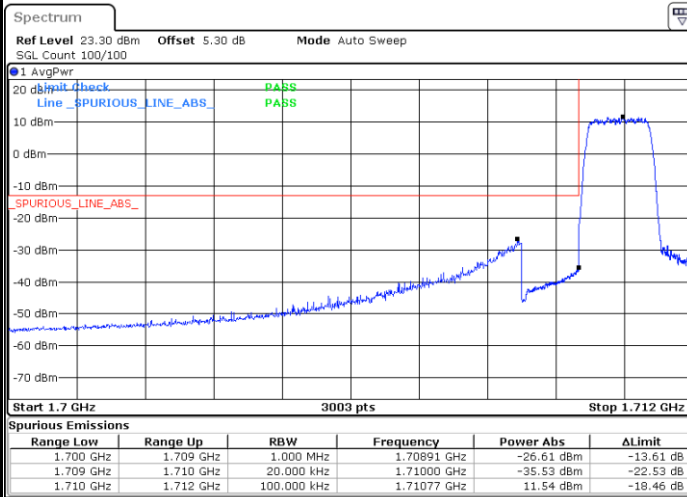
Date: 17.DEC.2020 22:17:47

Highest Band Edge / 1 RB



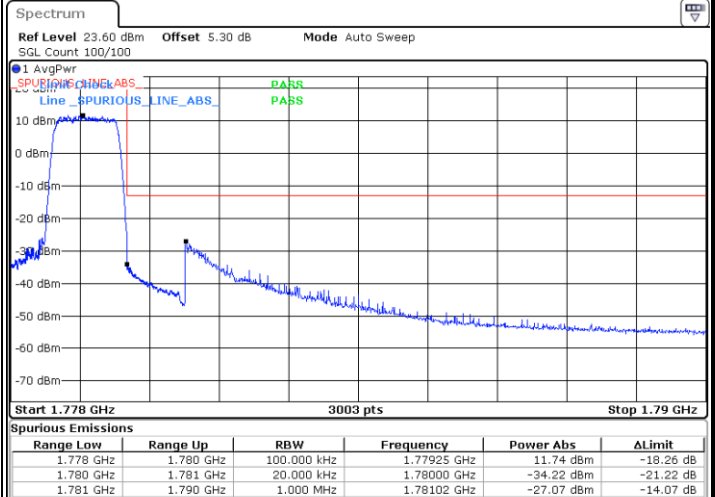
Date: 17.DEC.2020 22:33:06

Lowest Band Edge / Full RB



Date: 17.DEC.2020 22:22:11

Highest Band Edge / Full RB

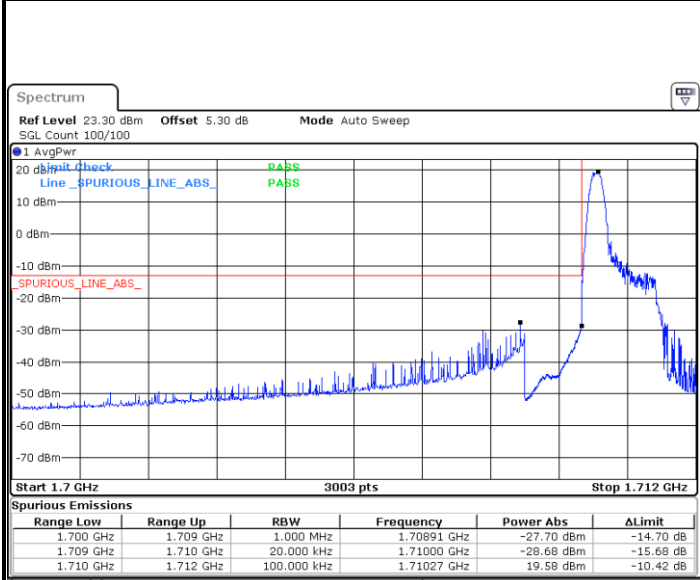


Date: 17.DEC.2020 22:37:52



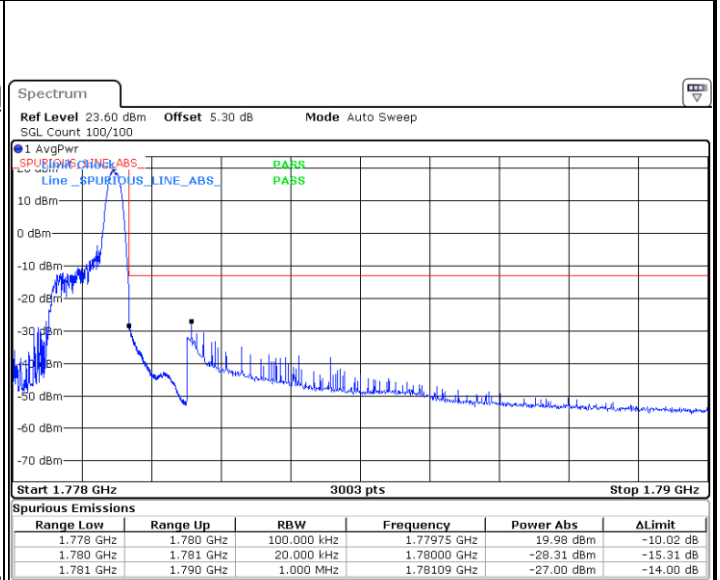
**LTE Band 66 / 1.4MHz / 64QAM**

**Lowest Band Edge / 1 RB**



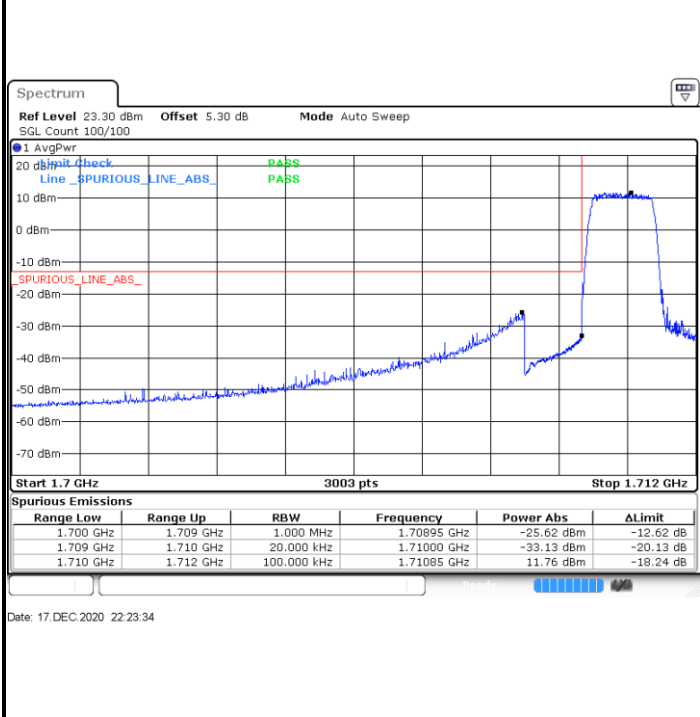
Date: 17. DEC. 2020 22:28:19

**Highest Band Edge / 1 RB**



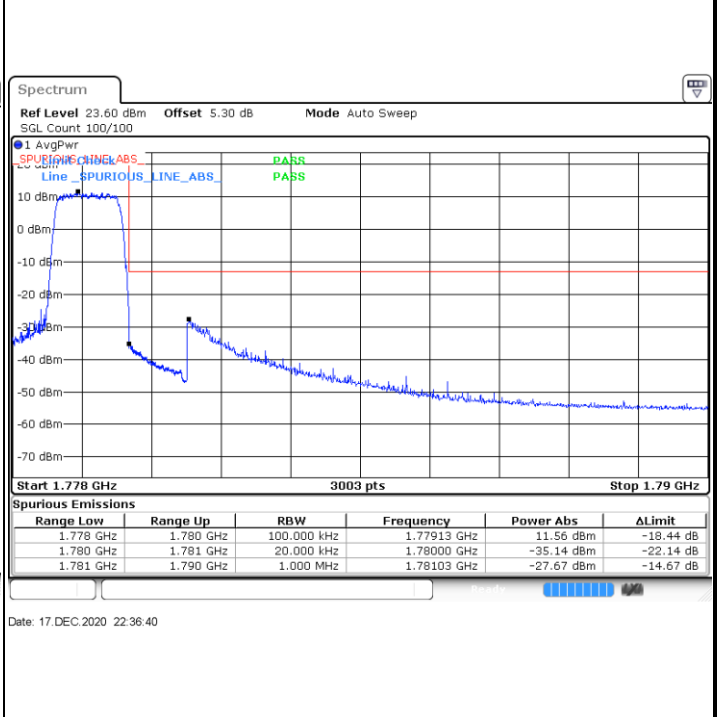
Date: 17. DEC. 2020 22:35:21

**Lowest Band Edge / Full RB**



Date: 17. DEC. 2020 22:23:34

**Highest Band Edge / Full RB**

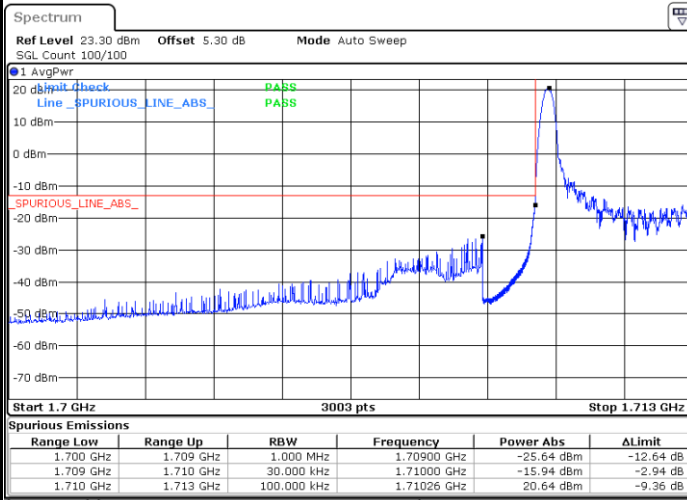


Date: 17. DEC. 2020 22:36:40



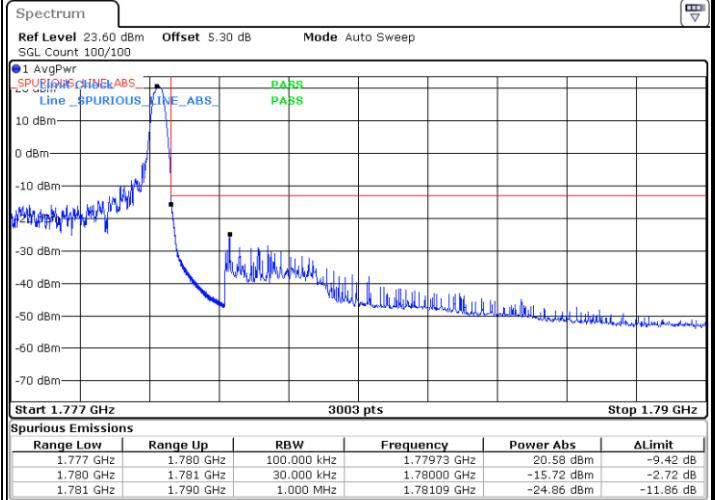
LTE Band 66 / 3MHz / QPSK

Lowest Band Edge / 1RB



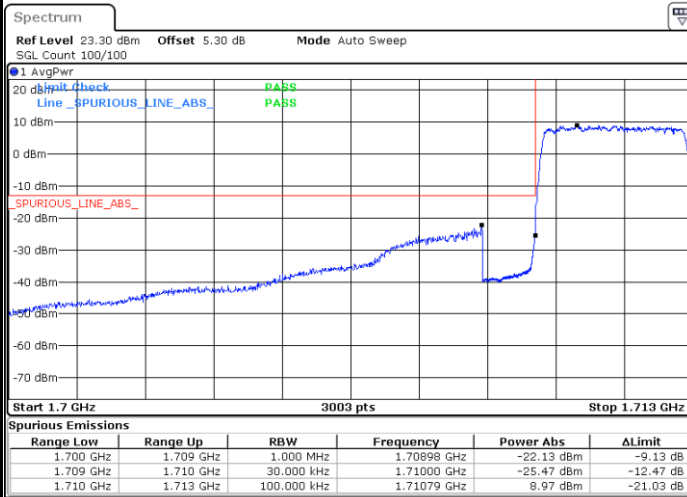
Date: 17.DEC.2020 22:42:14

Highest Band Edge / 1 RB



Date: 17.DEC.2020 22:47:30

Lowest Band Edge / Full RB



Date: 17.DEC.2020 22:45:47

Highest Band Edge / Full RB

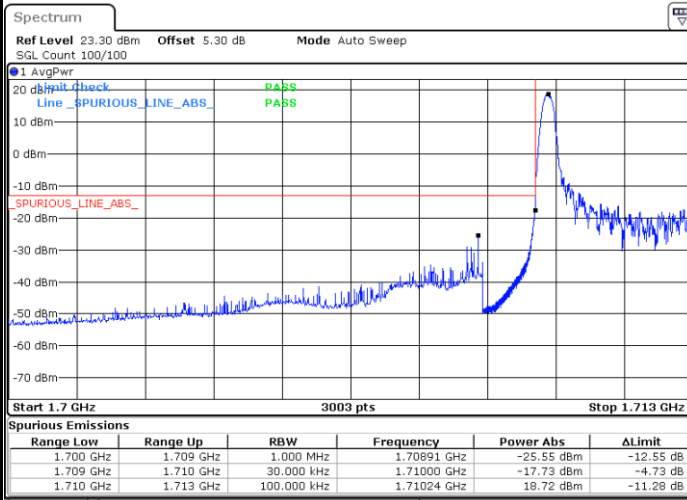


Date: 17.DEC.2020 22:50:53



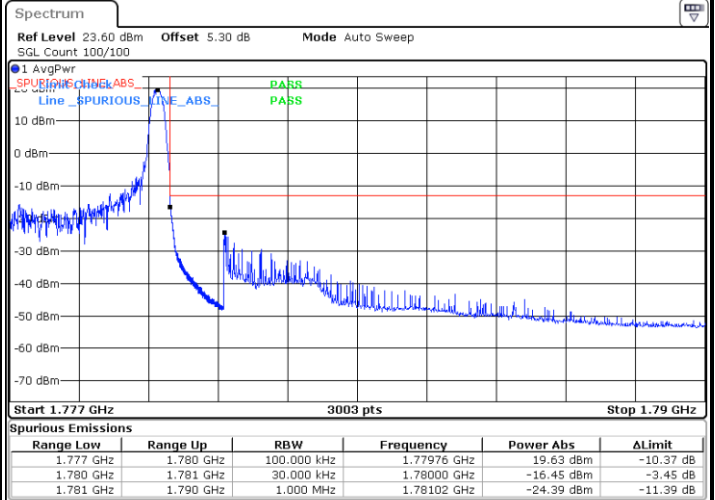
LTE Band 66 / 3MHz / 16QAM

Lowest Band Edge / 1 RB



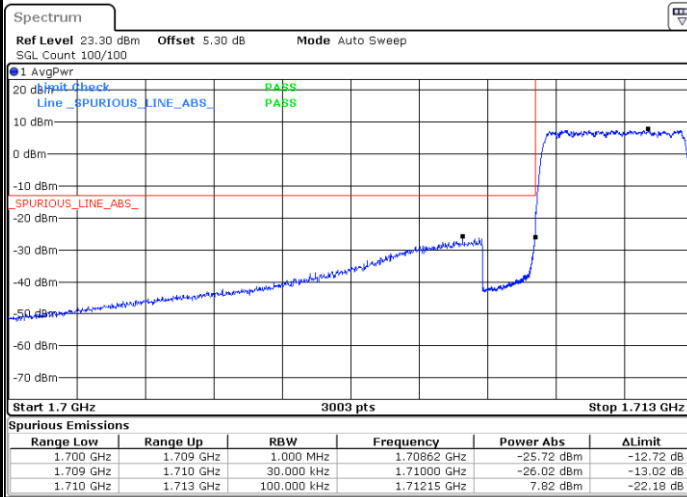
Date: 17.DEC.2020 22:42:58

Highest Band Edge / 1 RB



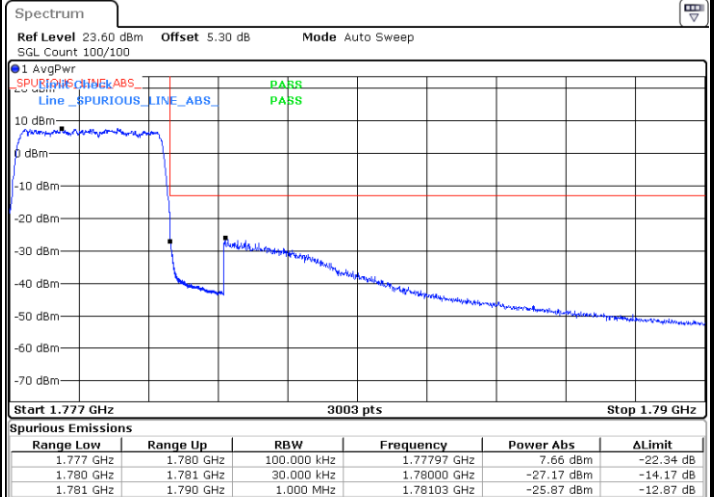
Date: 17.DEC.2020 22:48:11

Lowest Band Edge / Full RB



Date: 17.DEC.2020 22:45:10

Highest Band Edge / Full RB

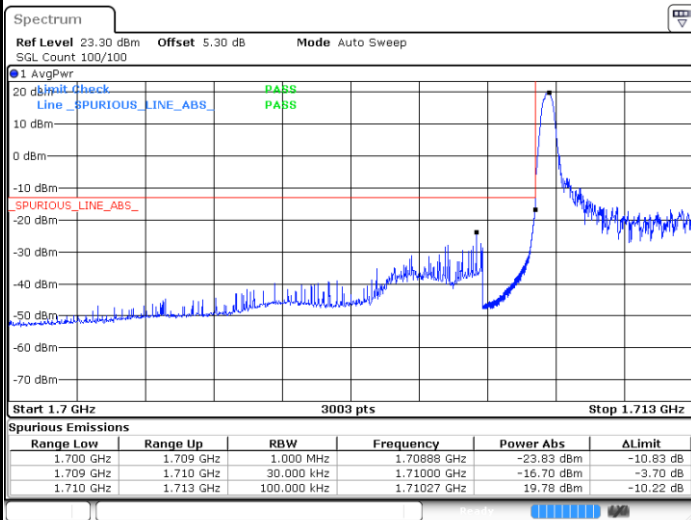


Date: 17.DEC.2020 22:50:15



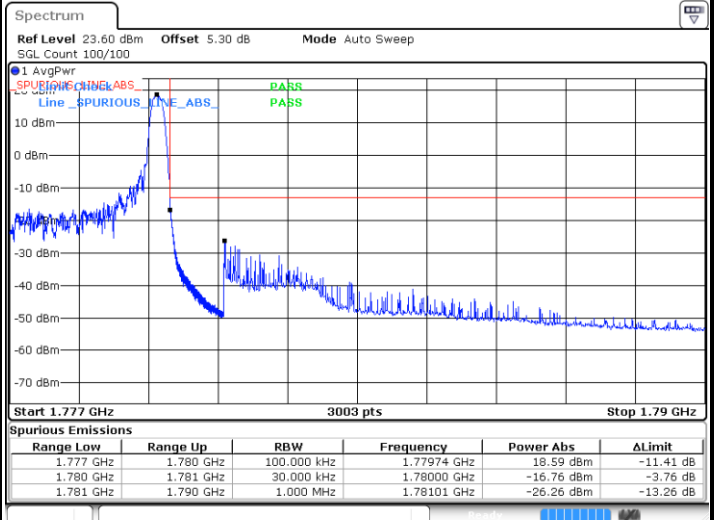
LTE Band 66 / 3MHz / 64QAM

Lowest Band Edge / 1 RB



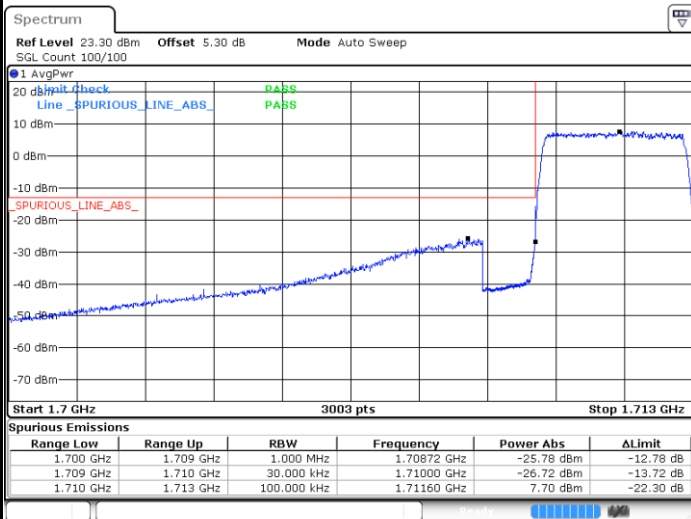
Date: 17. DEC. 2020 22:43:38

Highest Band Edge / 1 RB



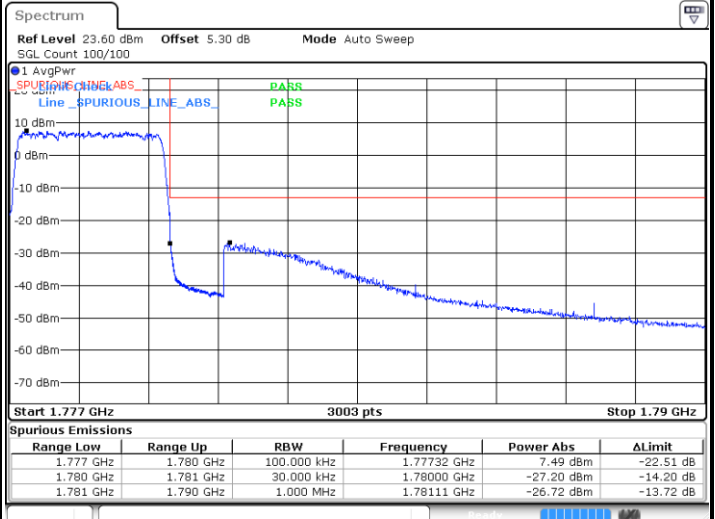
Date: 17. DEC. 2020 22:48:51

Lowest Band Edge / Full RB



Date: 17. DEC. 2020 22:44:30

Highest Band Edge / Full RB



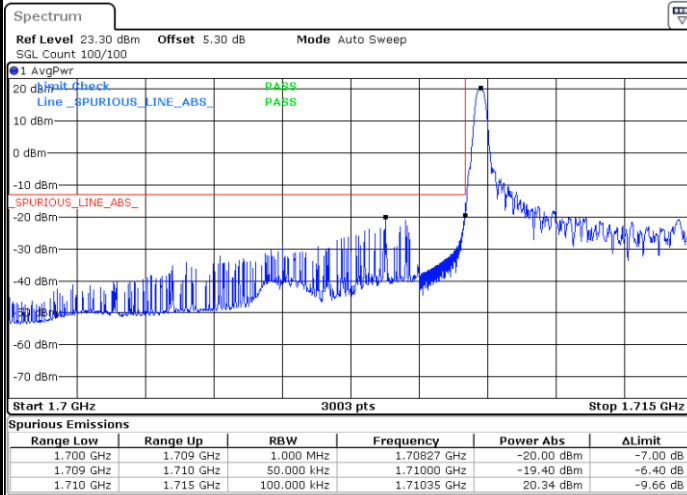
Date: 17. DEC. 2020 22:49:32





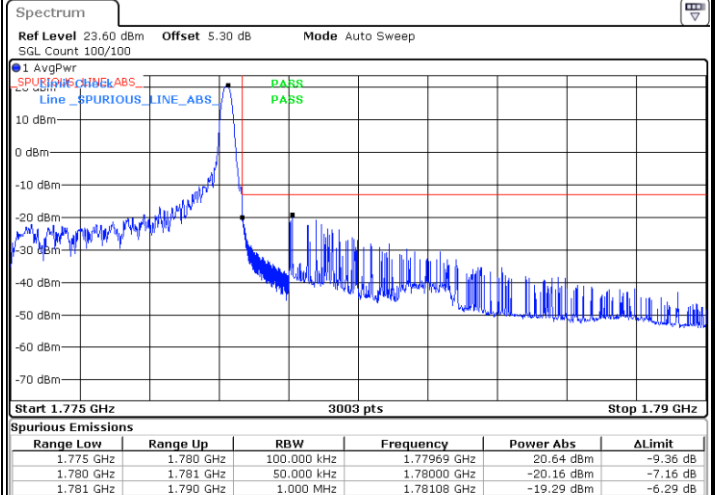
LTE Band 66 / 5MHz / QPSK

Lowest Band Edge / 1 RB



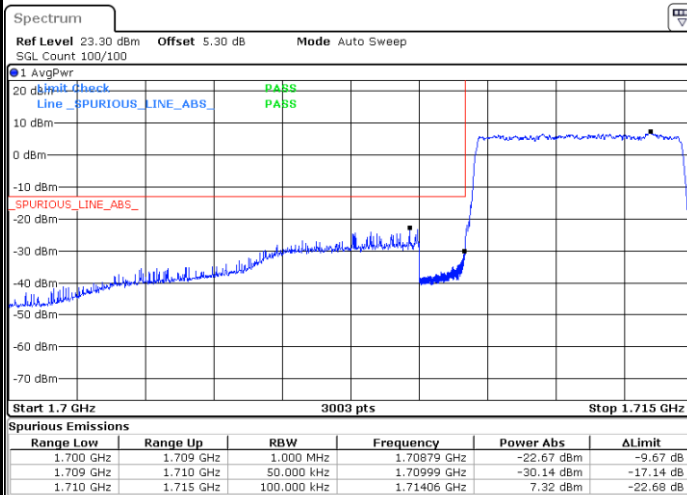
Date: 17.DEC.2020 22:53:05

Highest Band Edge / 1 RB



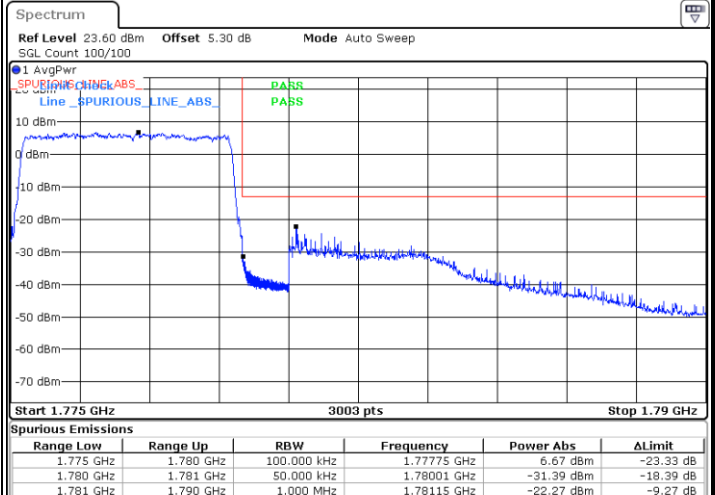
Date: 17.DEC.2020 22:56:30

Lowest Band Edge / Full RB



Date: 17.DEC.2020 22:55:05

Highest Band Edge / Full RB

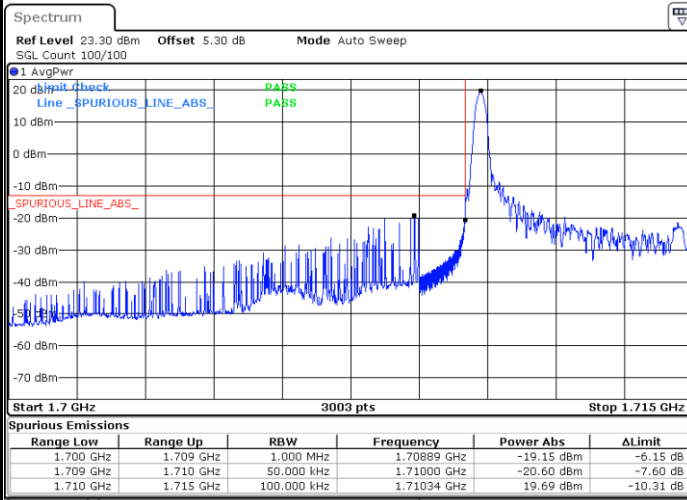


Date: 17.DEC.2020 22:58:28



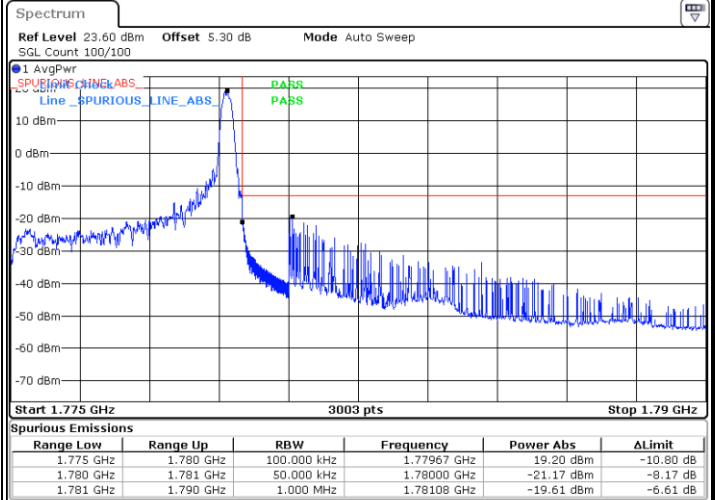
LTE Band 66 / 5MHz / 16QAM

Lowest Band Edge / 1RB



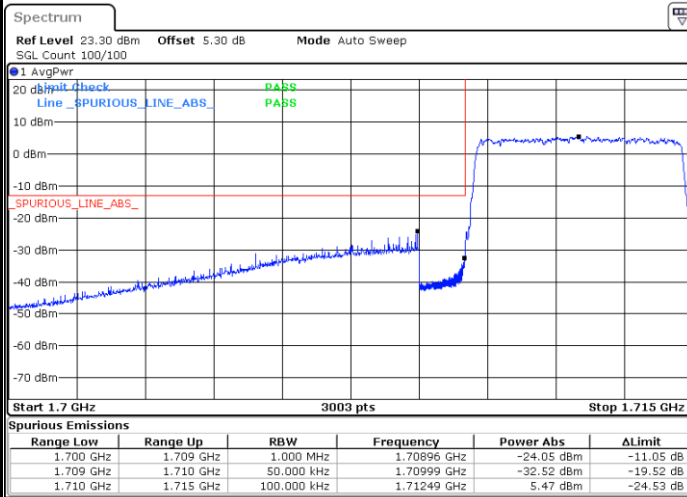
Date: 17.DEC.2020 22:53:28

Highest Band Edge / 1 RB



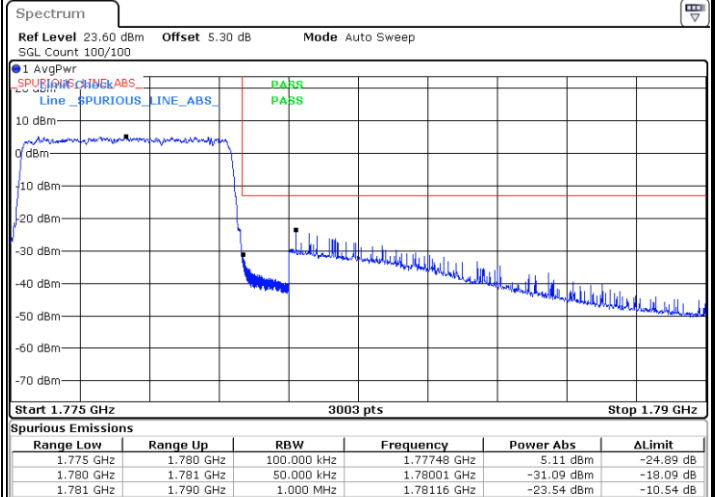
Date: 17.DEC.2020 22:56:54

Lowest Band Edge / Full RB



Date: 17.DEC.2020 22:54:41

Highest Band Edge / Full RB

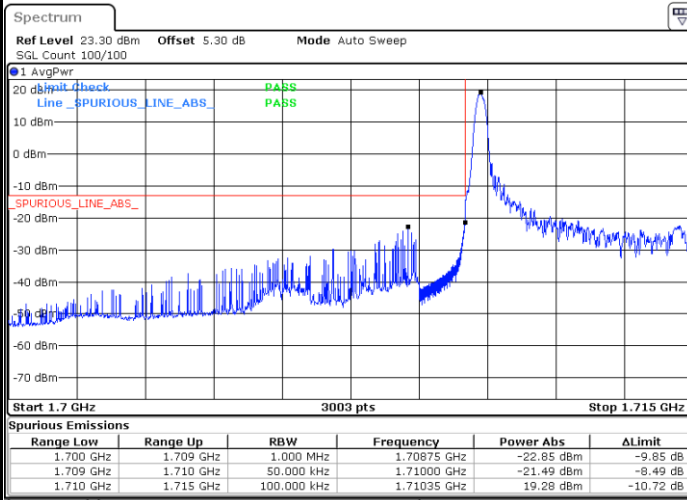


Date: 17.DEC.2020 22:58:07



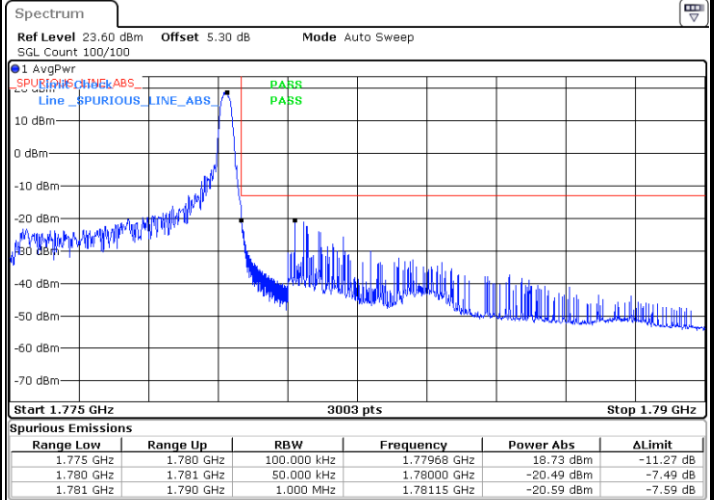
LTE Band 66 / 5MHz / 64QAM

Lowest Band Edge / 1RB



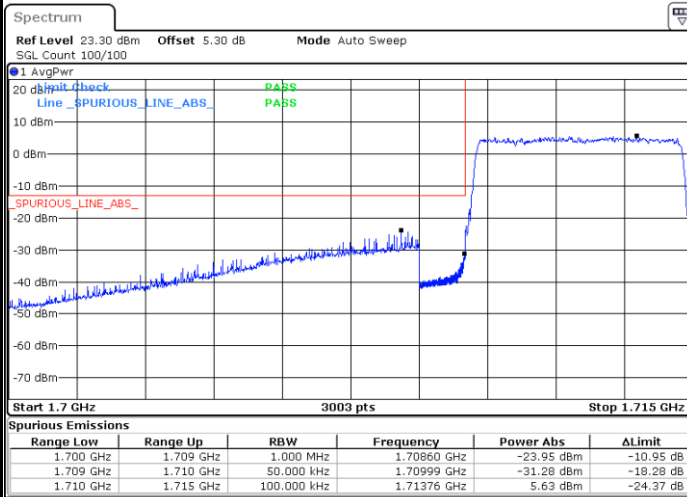
Date: 17.DEC.2020 22:53:51

Highest Band Edge / 1 RB



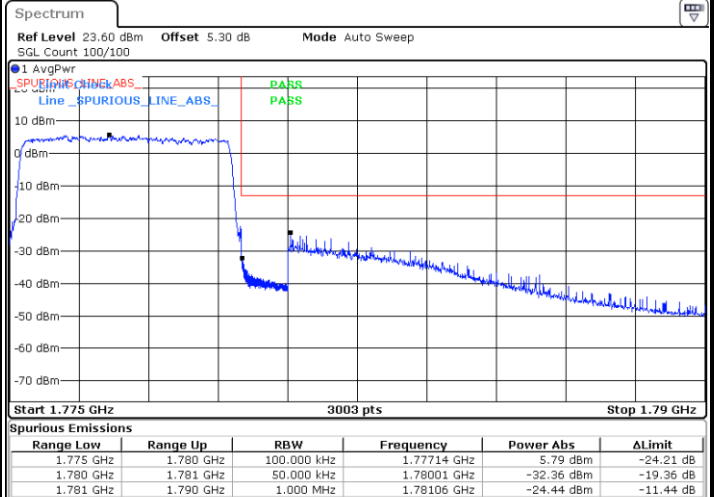
Date: 17.DEC.2020 22:57:17

Lowest Band Edge / Full RB



Date: 17.DEC.2020 22:54:18

Highest Band Edge / Full RB

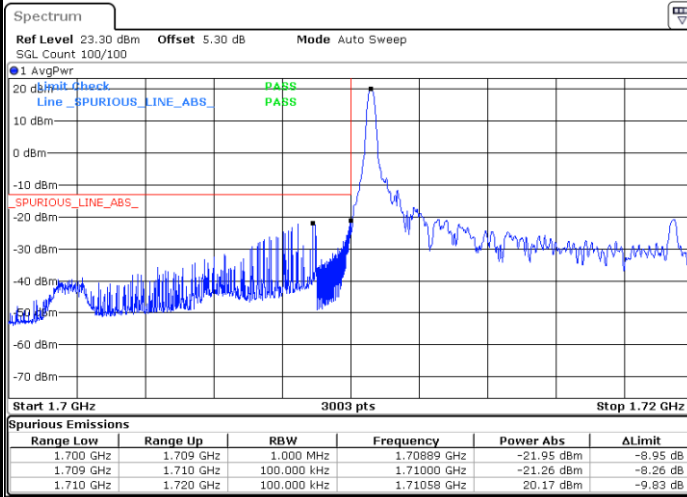


Date: 17.DEC.2020 22:57:43



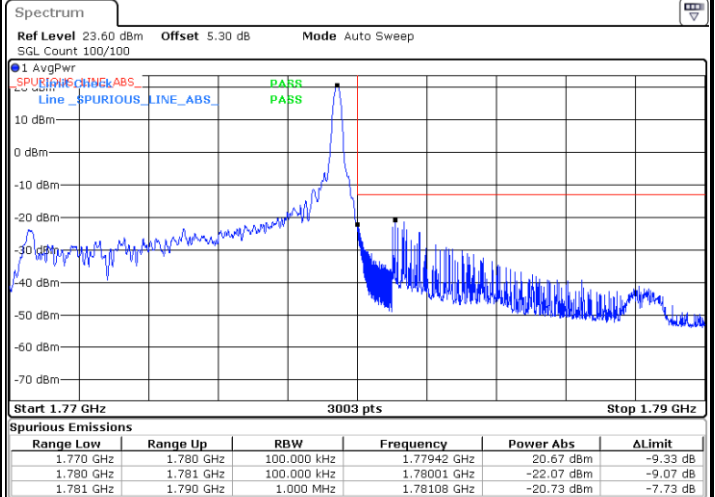
LTE Band 66 / 10MHz / QPSK

Lowest Band Edge / 1 RB



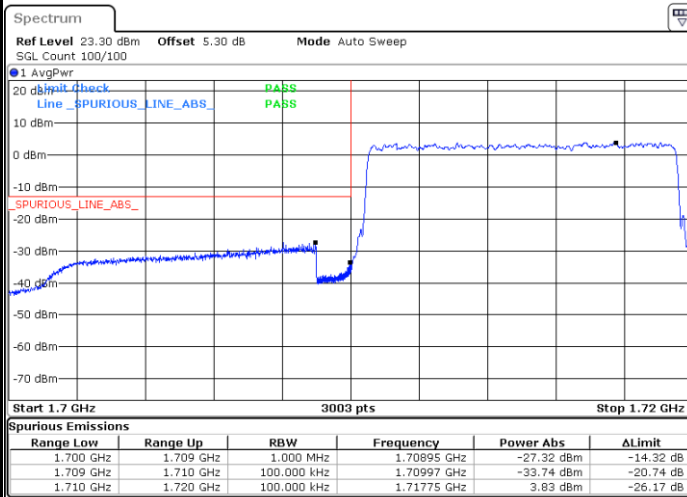
Date: 17.DEC.2020 23:00:33

Highest Band Edge / 1 RB



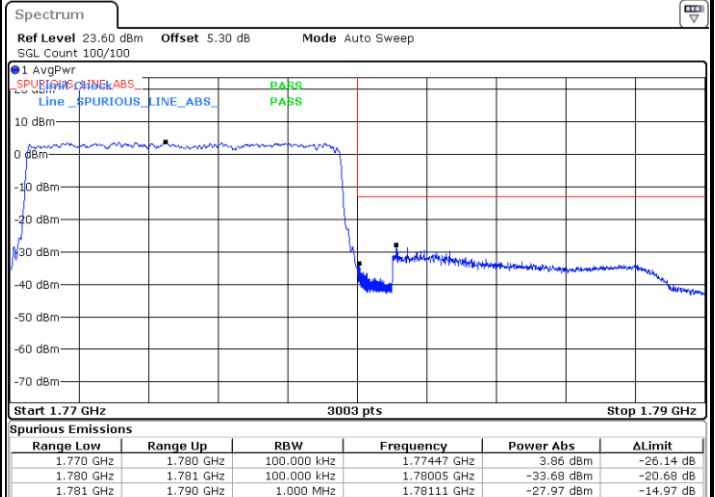
Date: 17.DEC.2020 23:03:28

Lowest Band Edge / Full RB



Date: 17.DEC.2020 23:02:12

Highest Band Edge / Full RB



Date: 17.DEC.2020 23:04:57