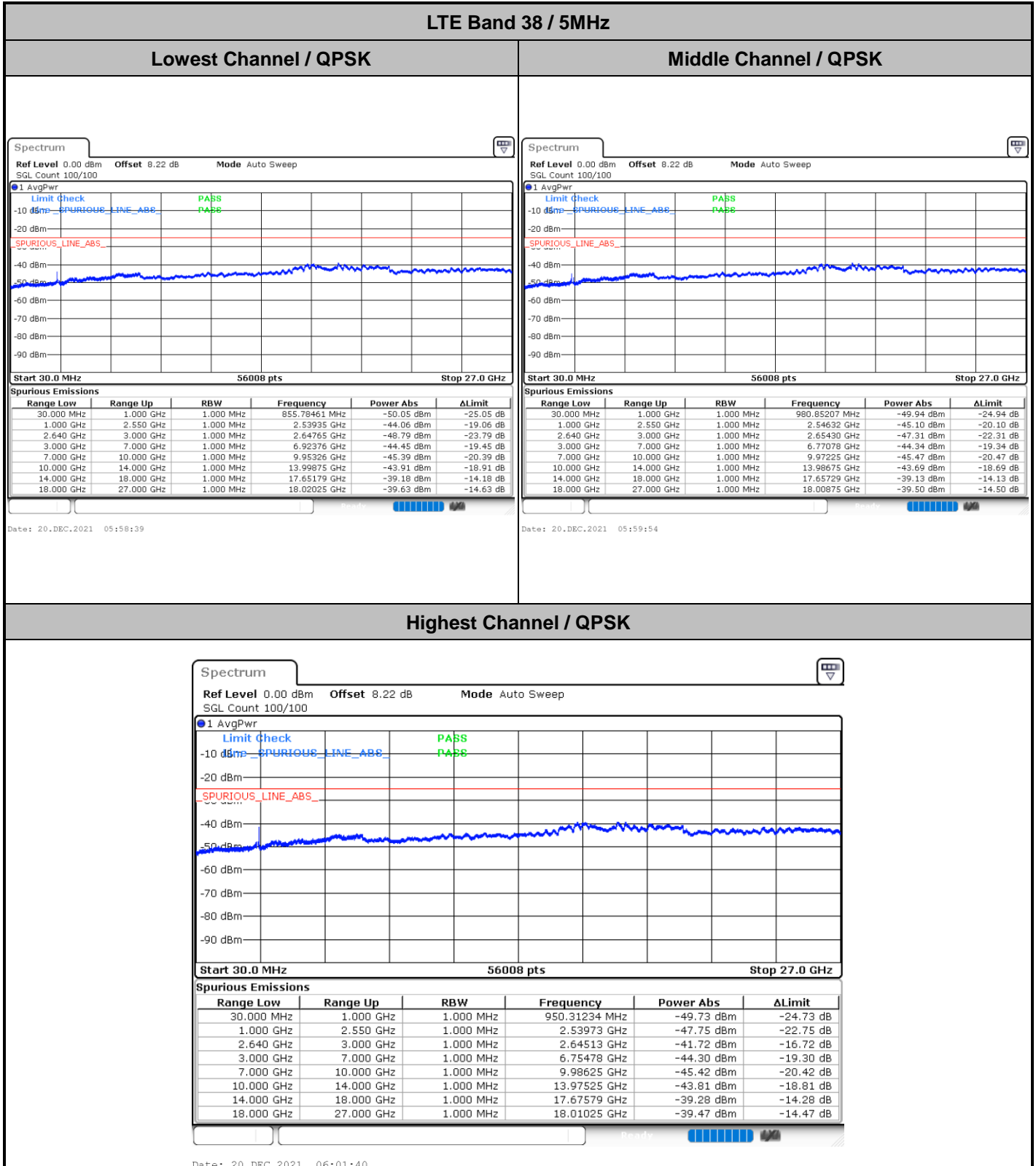




# Conducted Spurious Emission

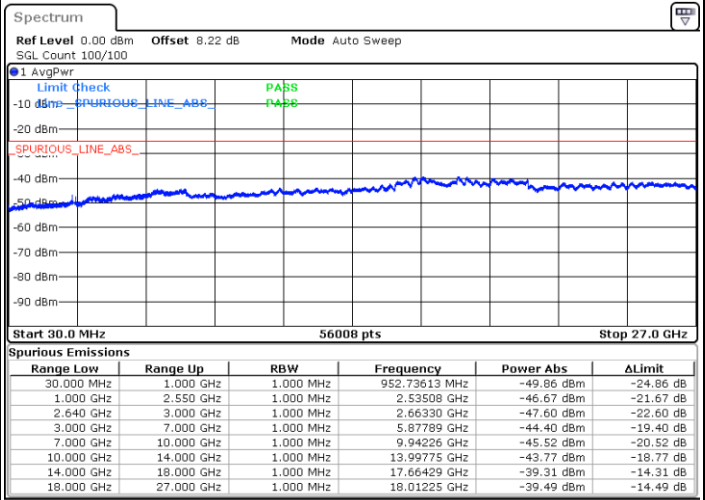
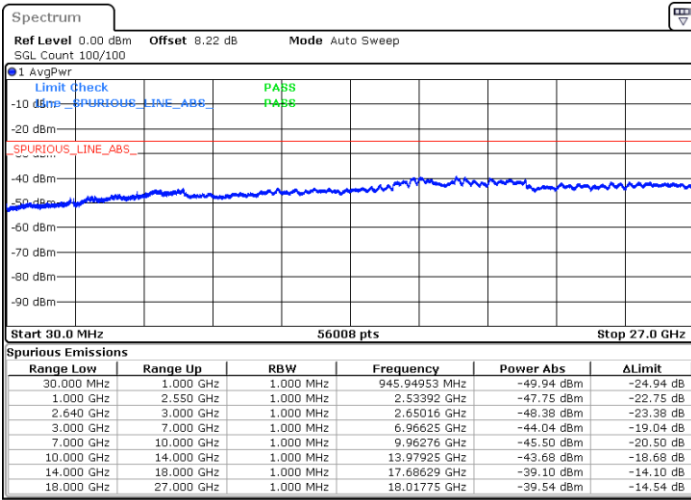




LTE Band 38 / 10MHz

Lowest Channel / QPSK

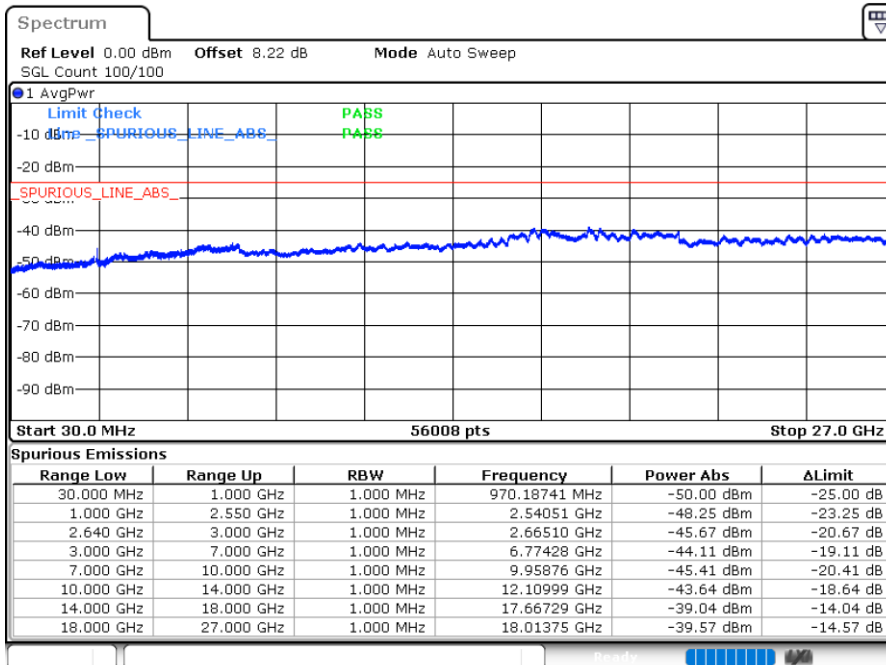
Middle Channel / QPSK



Date: 20. DEC. 2021 06:10:08

Date: 20. DEC. 2021 06:08:15

Highest Channel / QPSK



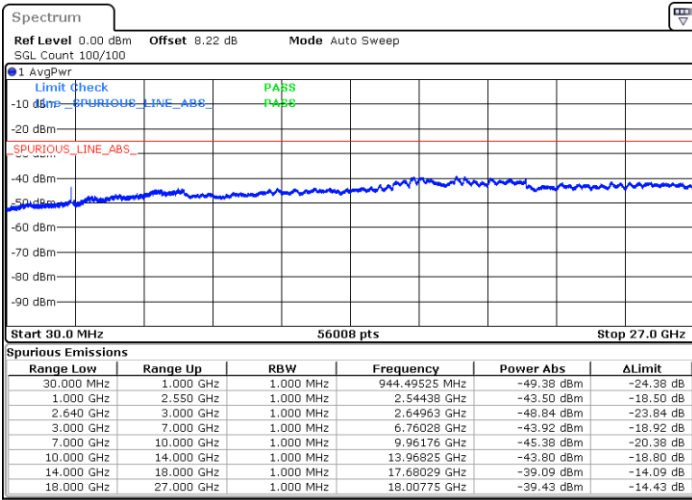
Date: 20. DEC. 2021 06:18:49



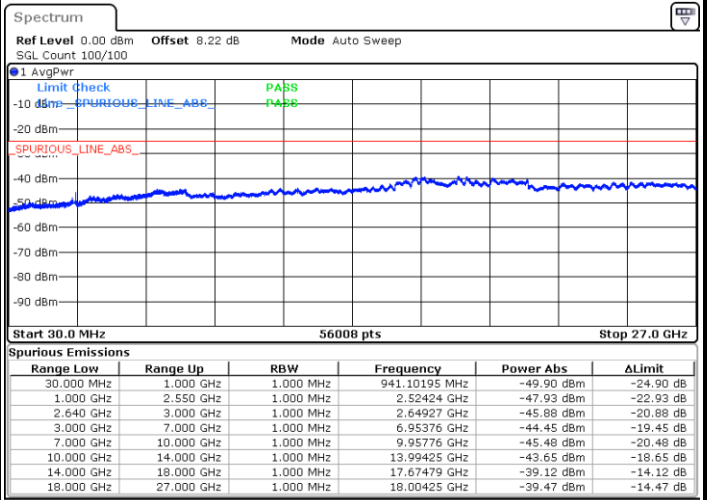
LTE Band 38 / 15MHz

Lowest Channel / QPSK

Middle Channel / QPSK

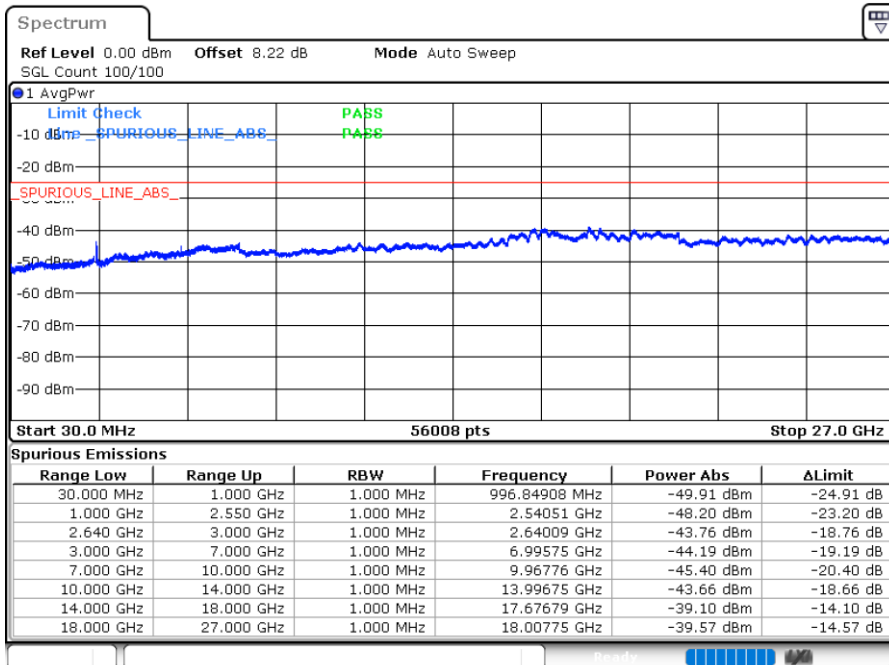


Date: 20. DEC. 2021 06:21:56



Date: 20. DEC. 2021 06:20:25

Highest Channel / QPSK

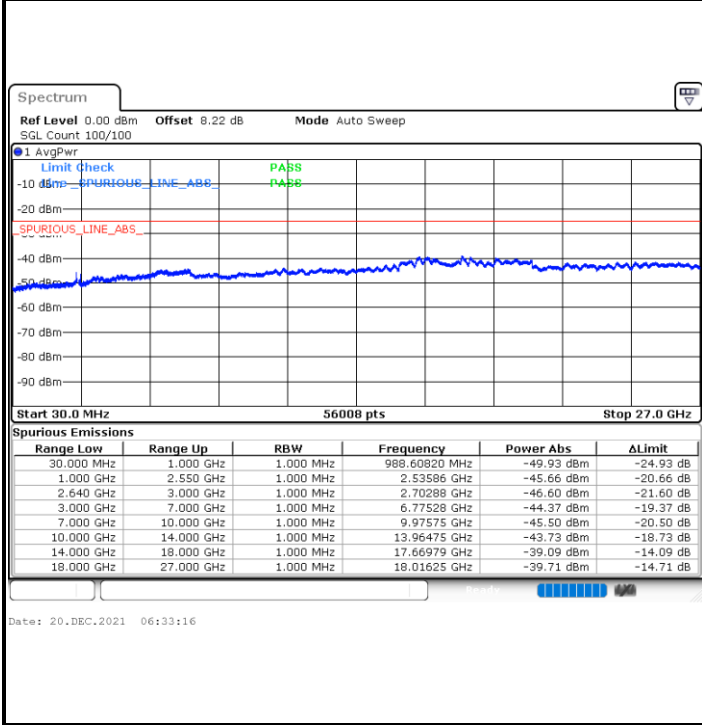


Date: 20. DEC. 2021 06:22:14

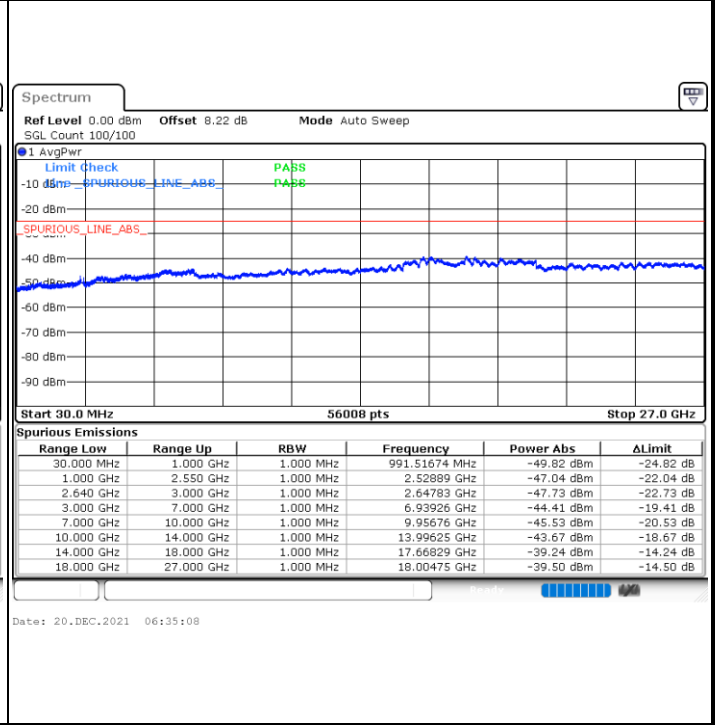


**LTE Band 38 / 20MHz**

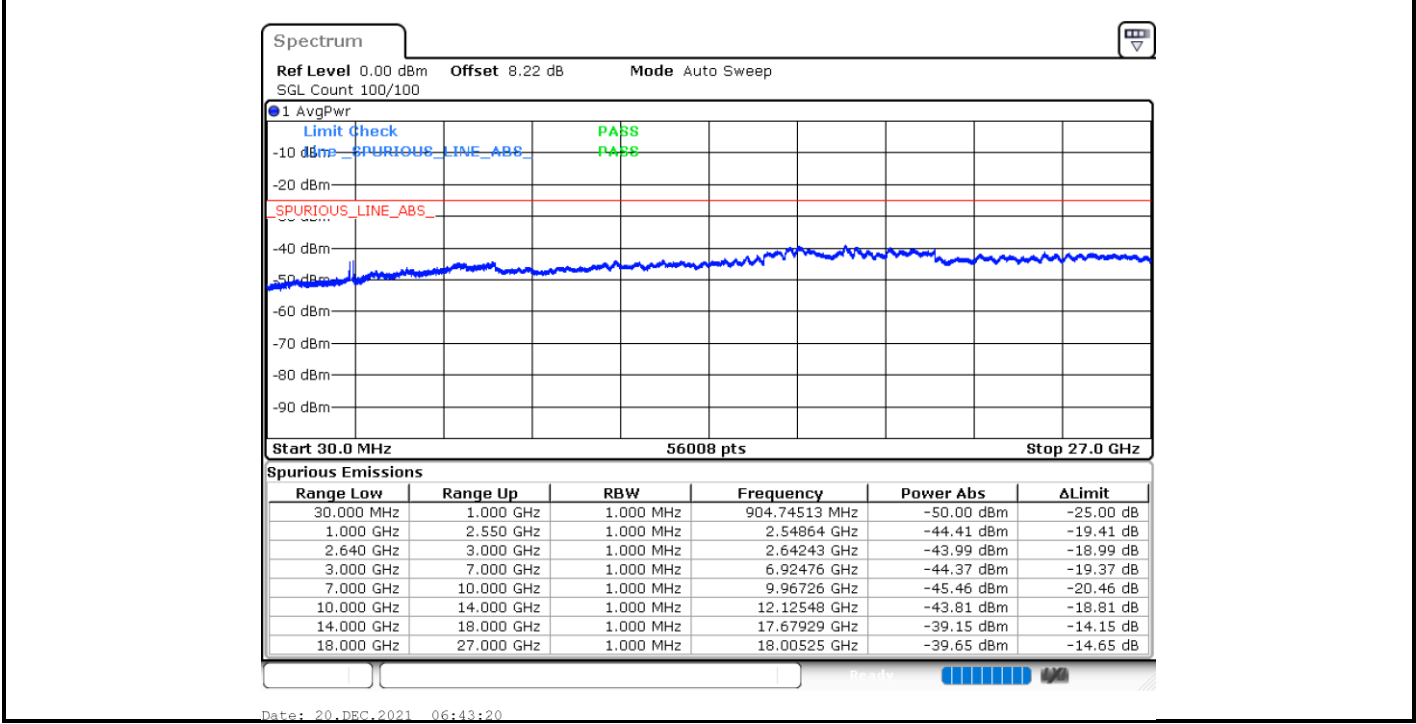
**Lowest Channel / QPSK**



**Middle Channel / QPSK**



**Highest Channel / QPSK**





Frequency Stability

Test Conditions		LTE Band 38 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0016	PASS
40	Normal Voltage	0.0023	
30	Normal Voltage	0.0007	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0016	
0	Normal Voltage	0.0028	
-10	Normal Voltage	0.0014	
-20	Normal Voltage	0.0006	
-30	Normal Voltage	0.0016	
20	Maximum Voltage	0.0022	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0003	

Note:

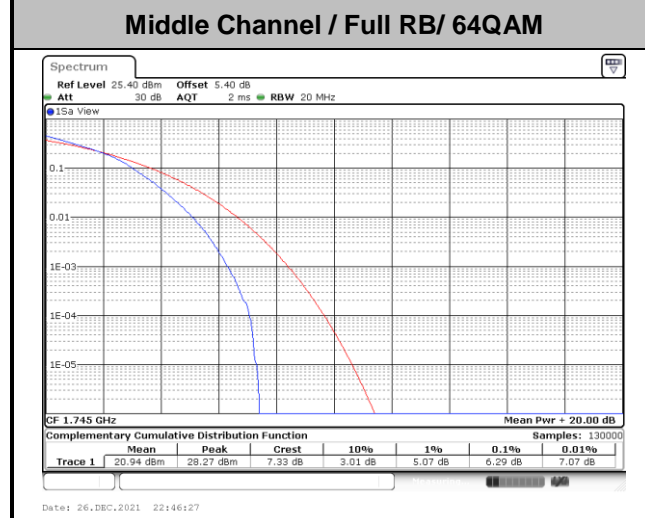
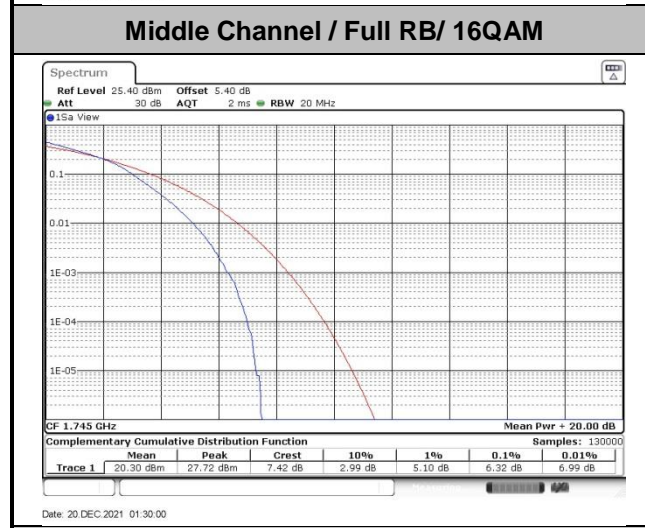
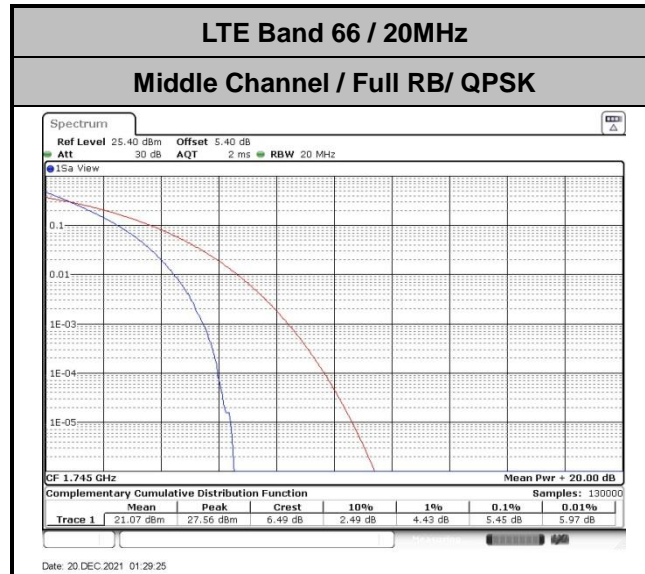
1. Normal Voltage =3.87 V. ; Battery End Point (BEP) =3.6 V. ; Maximum Voltage =4.45V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



## LTE Band 66

### Peak-to-Average Ratio

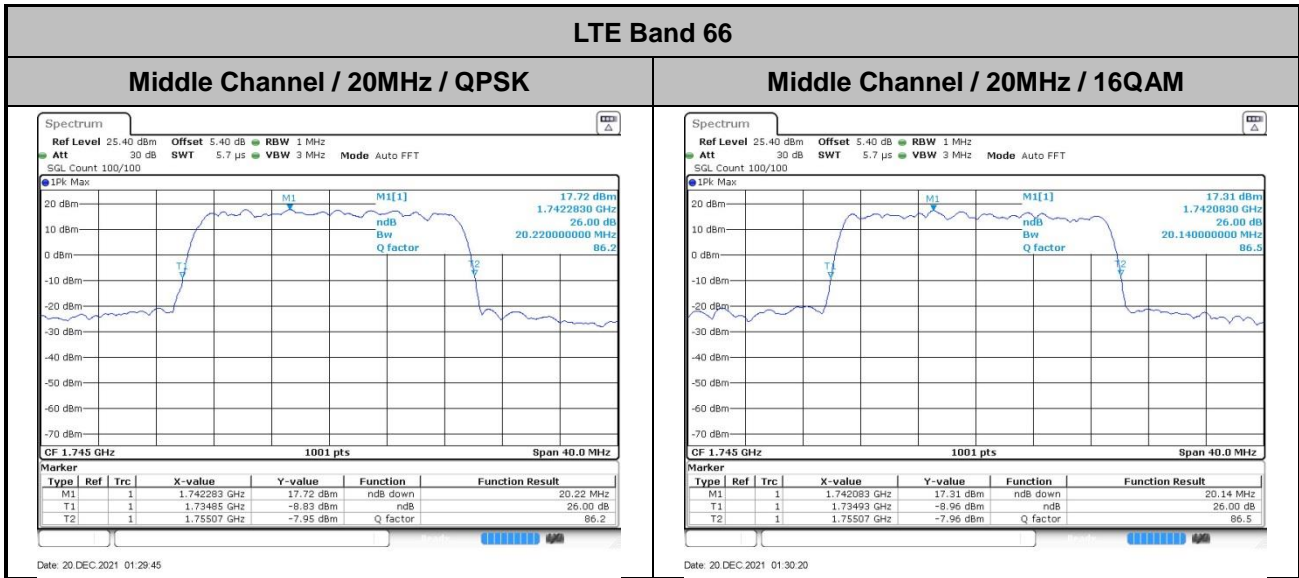
Mode	LTE Band 66 / 20MHz			
Mod.	QPSK	16QAM	64QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Result
Middle CH	5.45	6.32	6.29	<b>PASS</b>





## 26dB Bandwidth

Mode	LTE Band 66 : 26dB BW(MHz)	
BW	20MHz	
Mod.	QPSK	16QAM
Middle CH	20.22	20.14

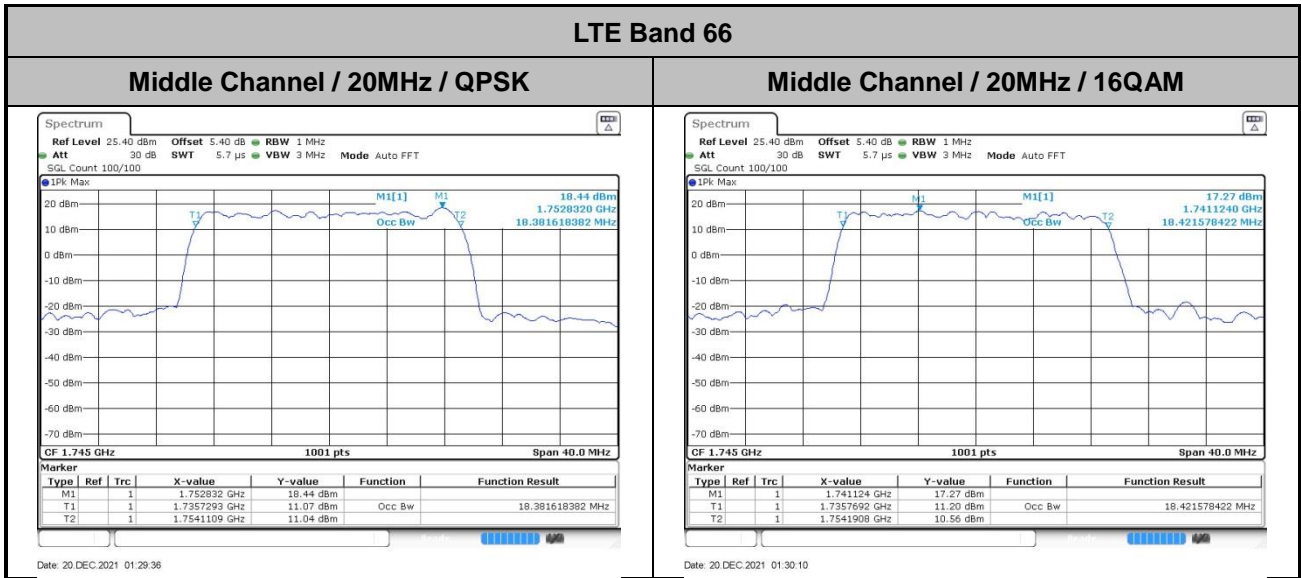






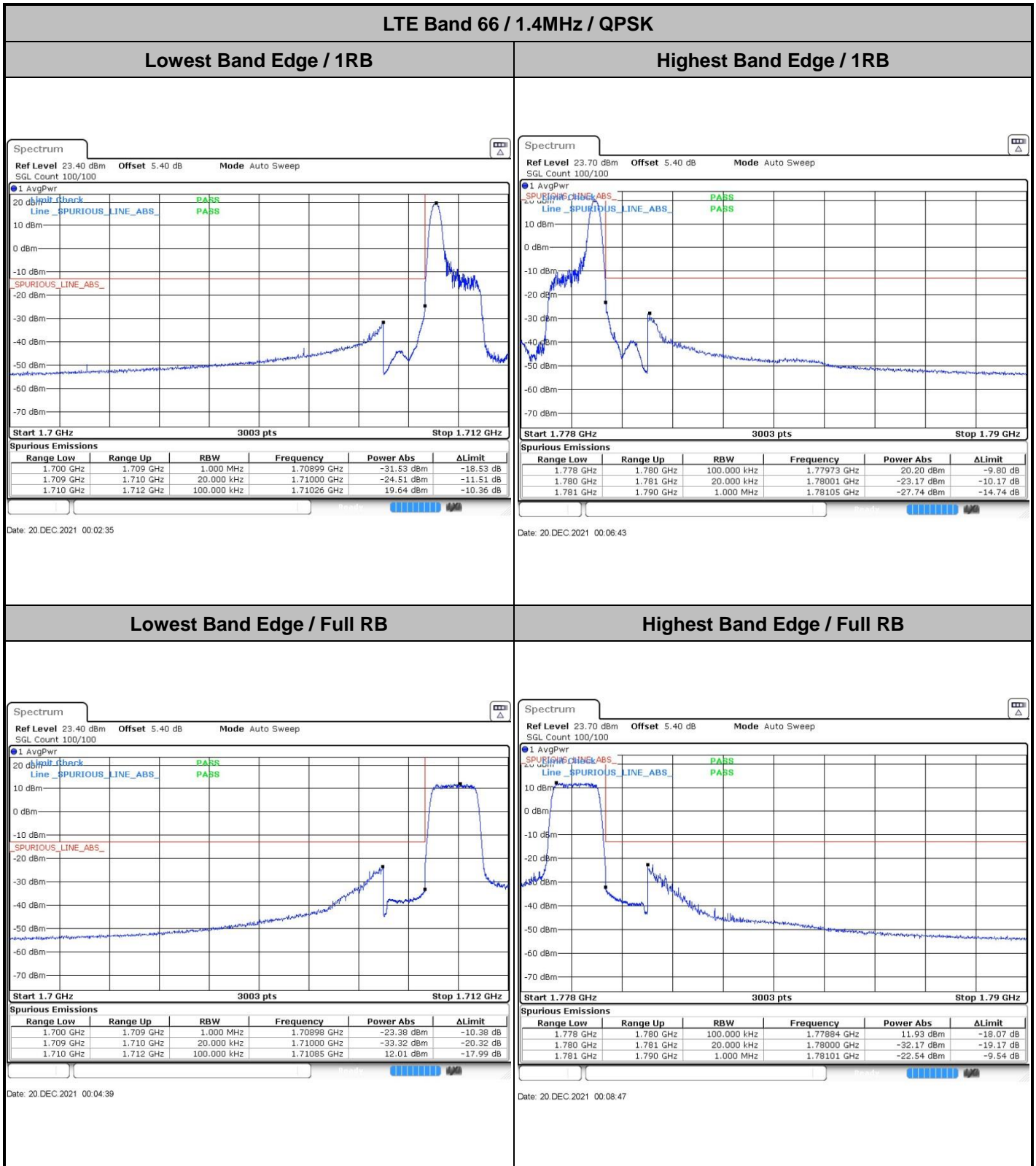
## Occupied Bandwidth

<b>Mode</b>	<b>LTE Band 66 : 99%OBW(MHz)</b>	
<b>BW</b>	<b>20MHz</b>	
<b>Mod.</b>	<b>QPSK</b>	<b>16QAM</b>
<b>Middle CH</b>	18.38	18.42





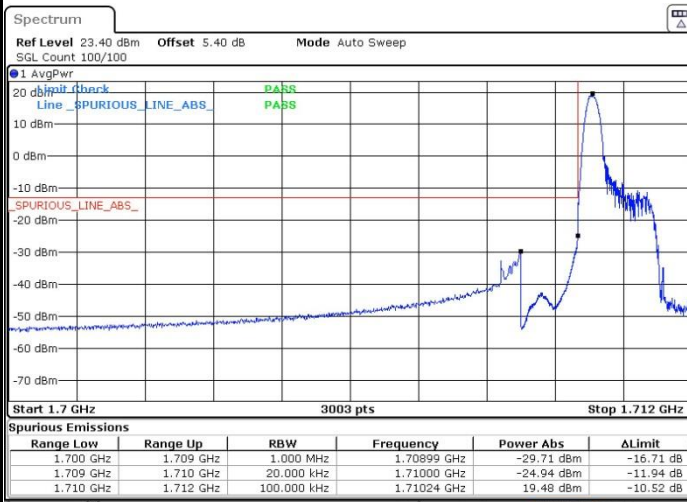
# Conducted Band Edge





LTE Band 66 / 1.4MHz / 16QAM

Lowest Band Edge / 1 RB



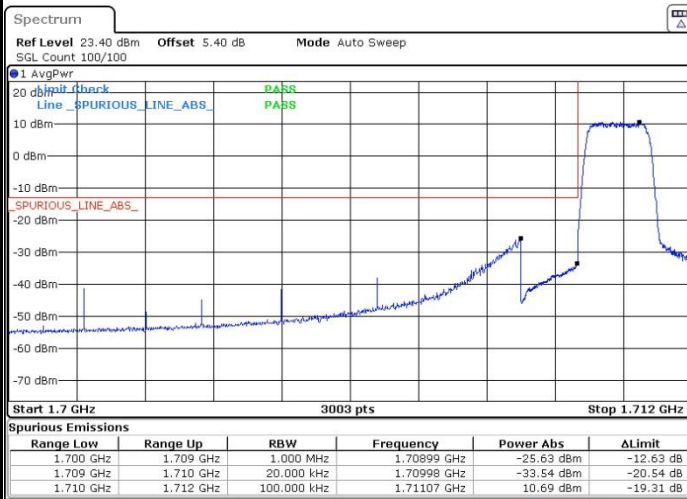
Date: 20 DEC 2021 00:03:37

Highest Band Edge / 1 RB



Date: 20 DEC 2021 00:07:45

Lowest Band Edge / Full RB



Date: 20 DEC 2021 00:05:41

Highest Band Edge / Full RB

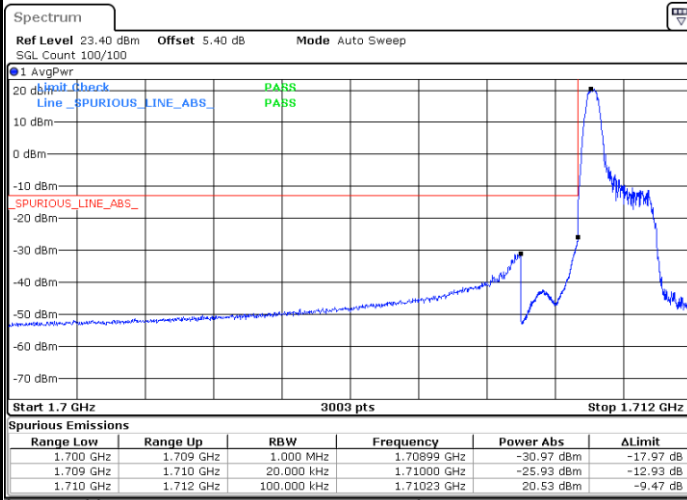


Date: 20 DEC 2021 00:09:49



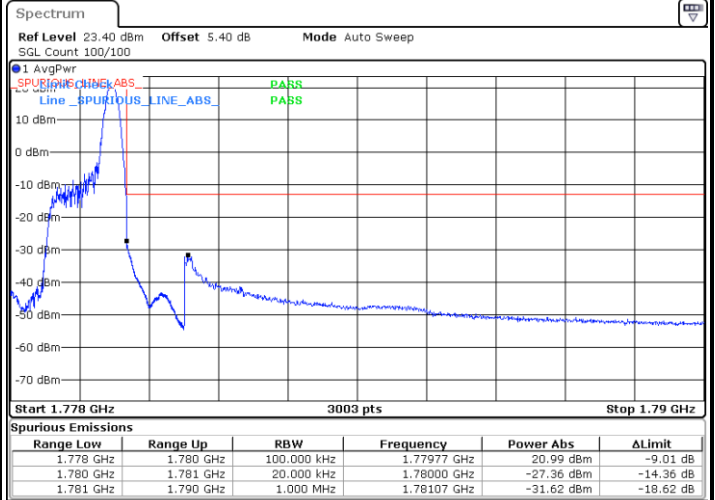
LTE Band 66 / 1.4MHz / 64QAM

Lowest Band Edge / 1 RB



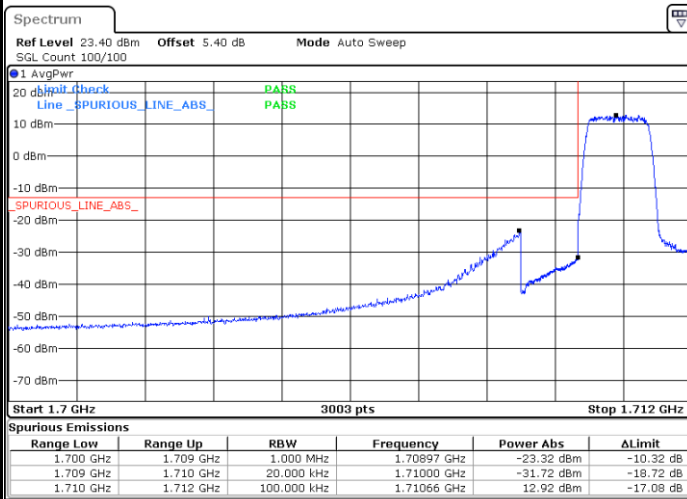
Date: 26.DEC.2021 21:49:30

Highest Band Edge / 1 RB



Date: 26.DEC.2021 21:53:03

Lowest Band Edge / Full RB



Date: 26.DEC.2021 22:14:11

Highest Band Edge / Full RB

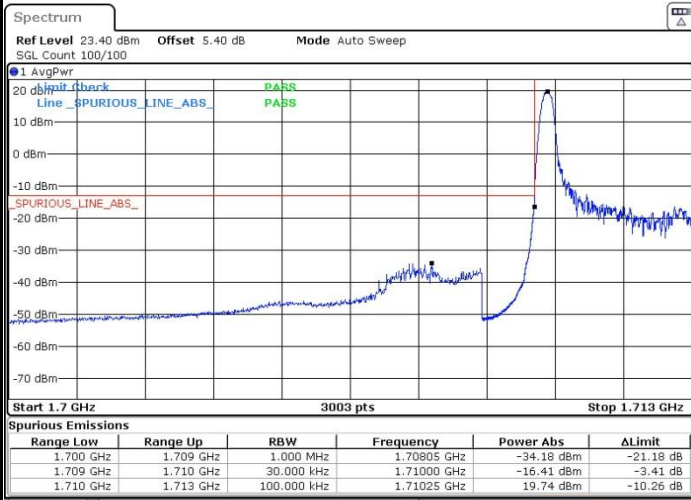


Date: 26.DEC.2021 21:54:50



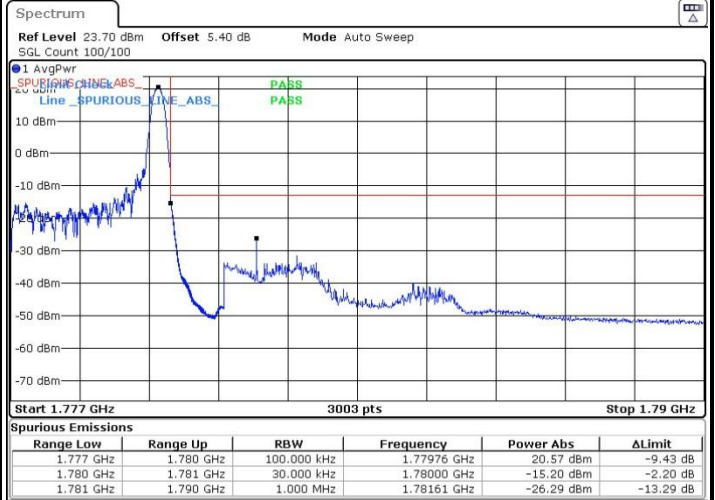
LTE Band 66 / 3MHz / QPSK

Lowest Band Edge / 1RB



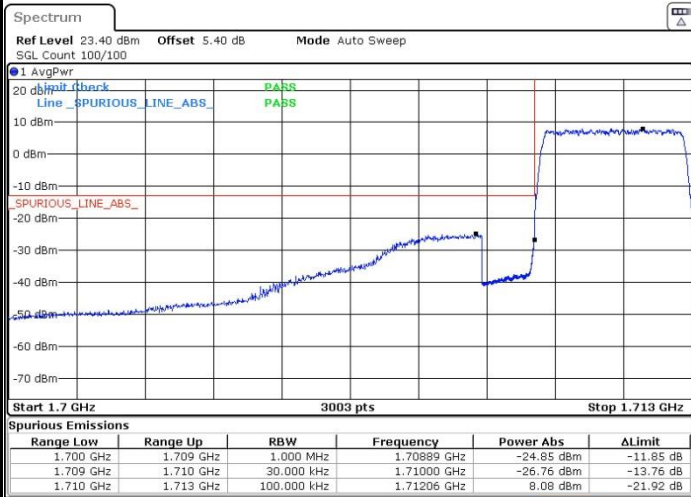
Date: 20 DEC 2021 00:11:59

Highest Band Edge / 1 RB



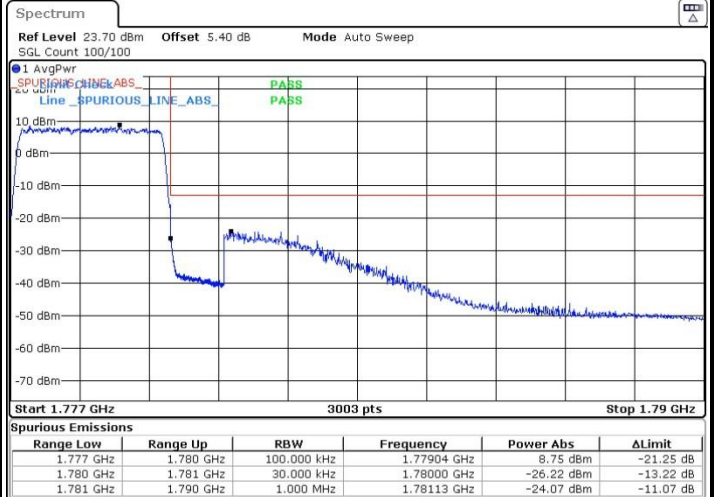
Date: 20 DEC 2021 00:15:55

Lowest Band Edge / Full RB



Date: 20 DEC 2021 00:13:57

Highest Band Edge / Full RB

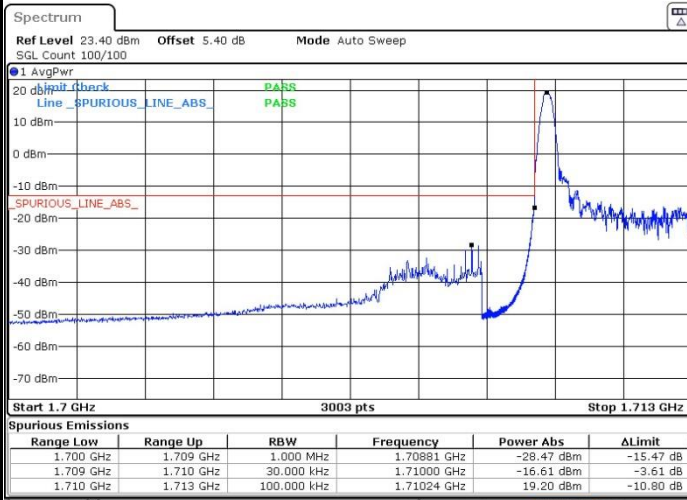


Date: 20 DEC 2021 00:17:53



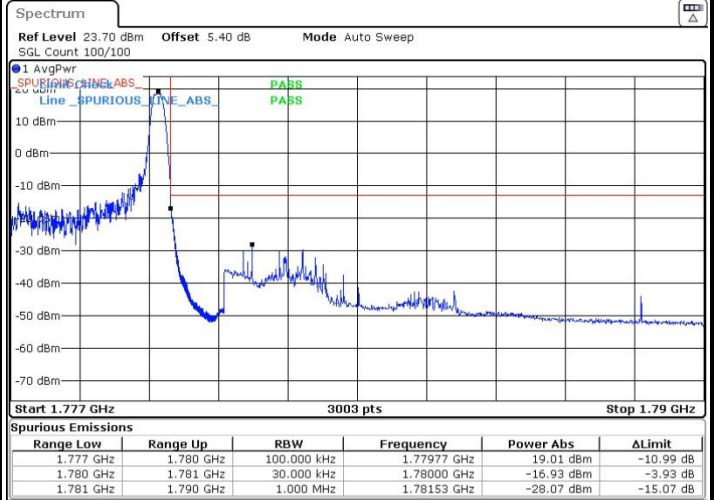
LTE Band 66 / 3MHz / 16QAM

Lowest Band Edge / 1 RB



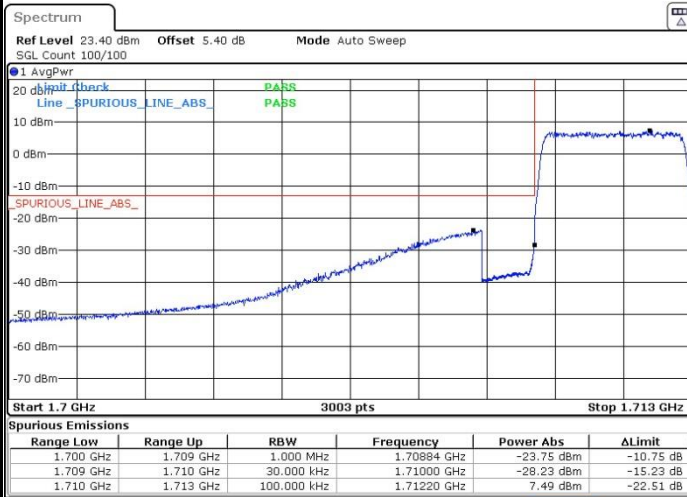
Date: 20 DEC 2021 00:12:58

Highest Band Edge / 1 RB



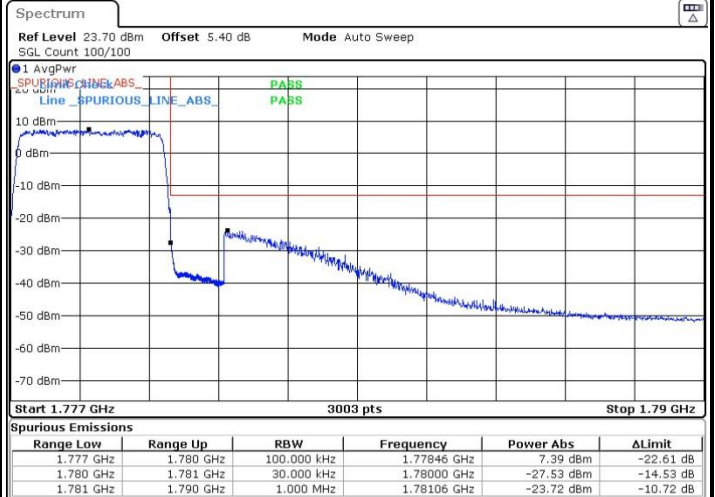
Date: 20 DEC 2021 00:16:54

Lowest Band Edge / Full RB



Date: 20 DEC 2021 00:14:56

Highest Band Edge / Full RB

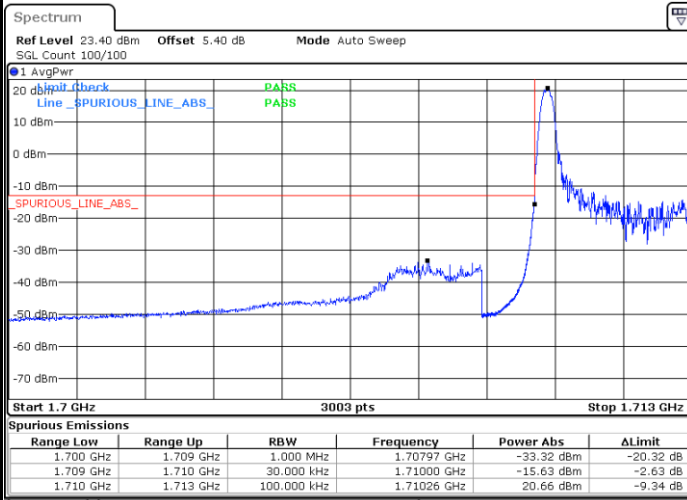


Date: 20 DEC 2021 00:18:52



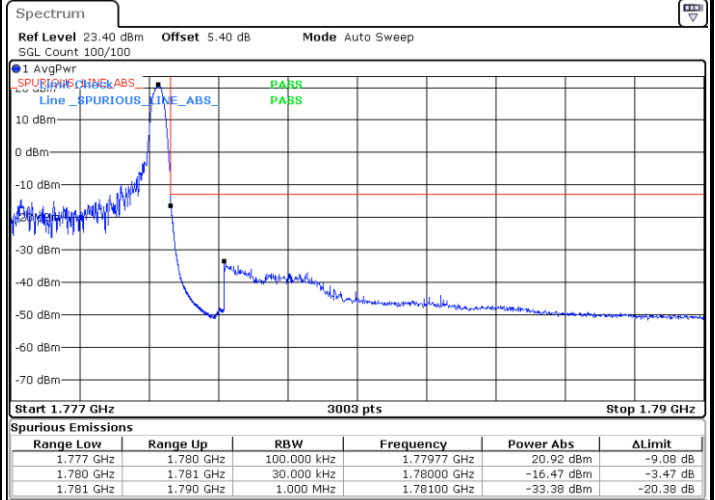
LTE Band 66 / 3MHz / 64QAM

Lowest Band Edge / 1 RB



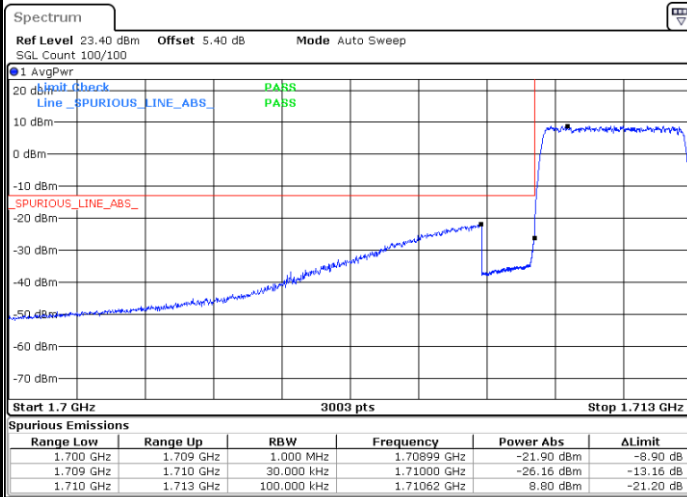
Date: 26.DEC.2021 21:56:37

Highest Band Edge / 1 RB



Date: 26.DEC.2021 22:00:11

Lowest Band Edge / Full RB



Date: 26.DEC.2021 21:58:24

Highest Band Edge / Full RB

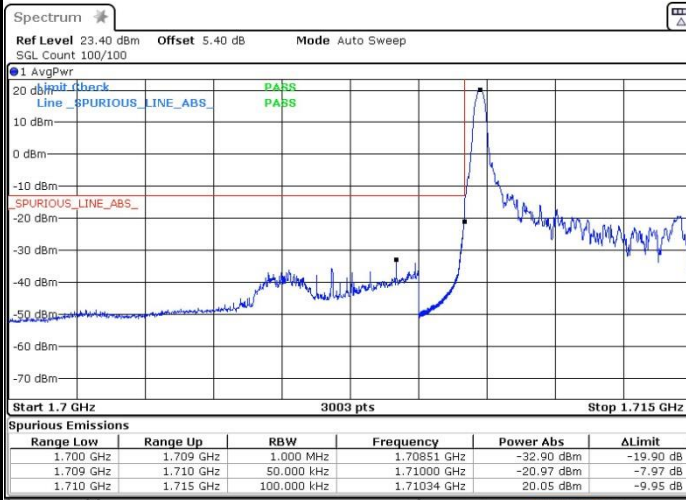


Date: 26.DEC.2021 22:17:37



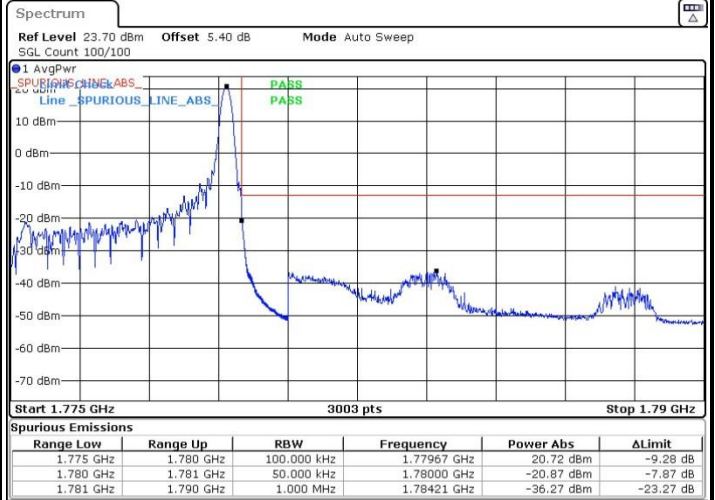
LTE Band 66 / 5MHz / QPSK

Lowest Band Edge / 1 RB



Date: 20 DEC 2021 00:23:12

Highest Band Edge / 1 RB



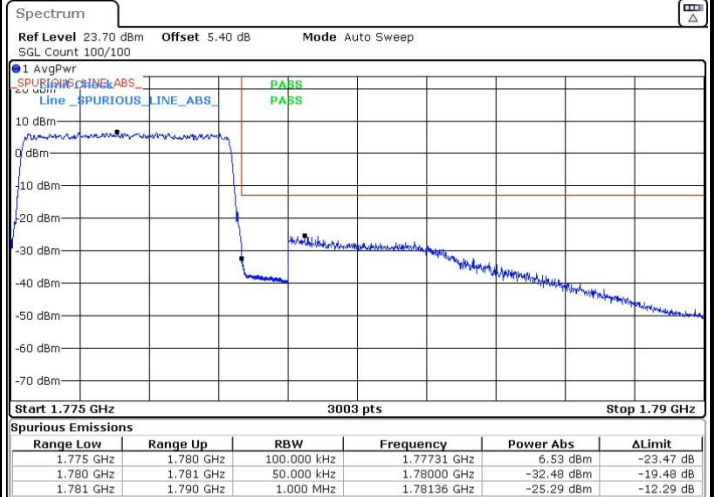
Date: 20 DEC 2021 00:27:08

Lowest Band Edge / Full RB



Date: 20 DEC 2021 00:25:10

Highest Band Edge / Full RB



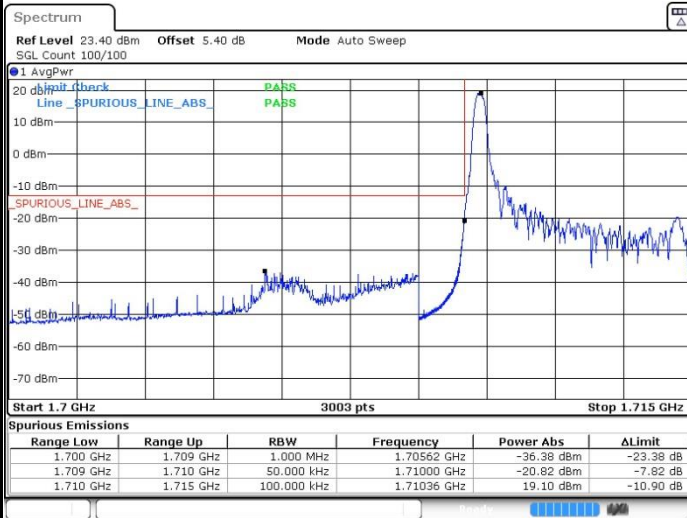
Date: 20 DEC 2021 00:29:06





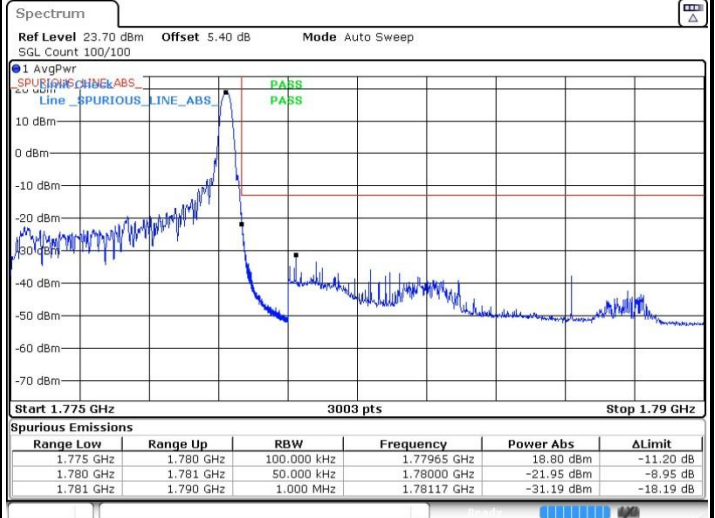
LTE Band 66 / 5MHz / 16QAM

Lowest Band Edge / 1RB



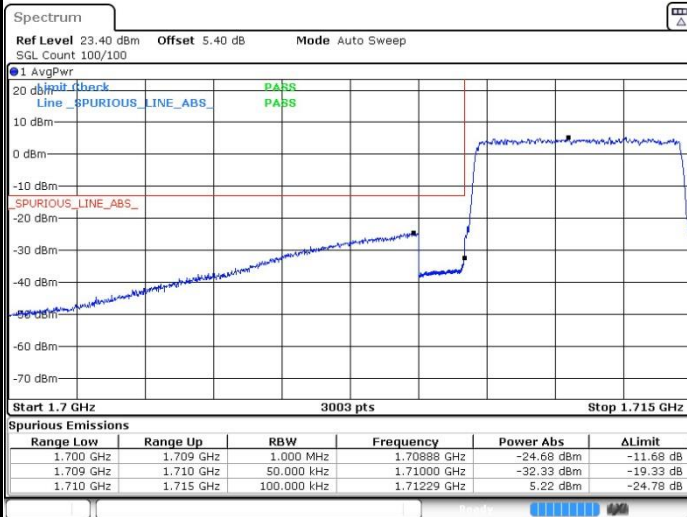
Date: 20 DEC 2021 00:24:11

Highest Band Edge / 1 RB



Date: 20 DEC 2021 00:28:07

Lowest Band Edge / Full RB



Date: 20 DEC 2021 00:26:09

Highest Band Edge / Full RB

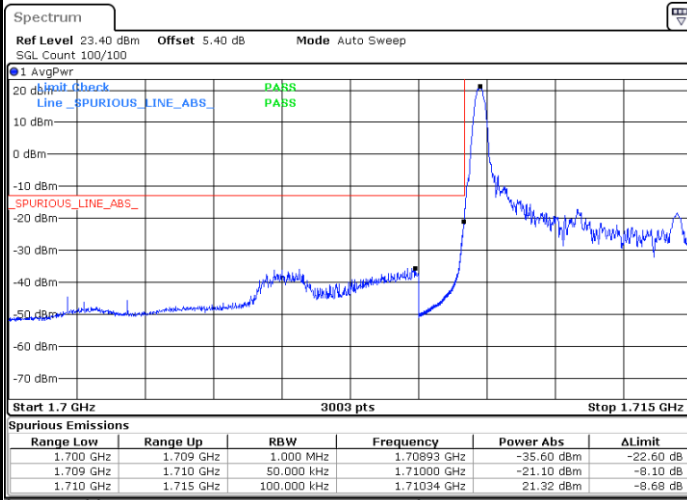


Date: 20 DEC 2021 00:30:05



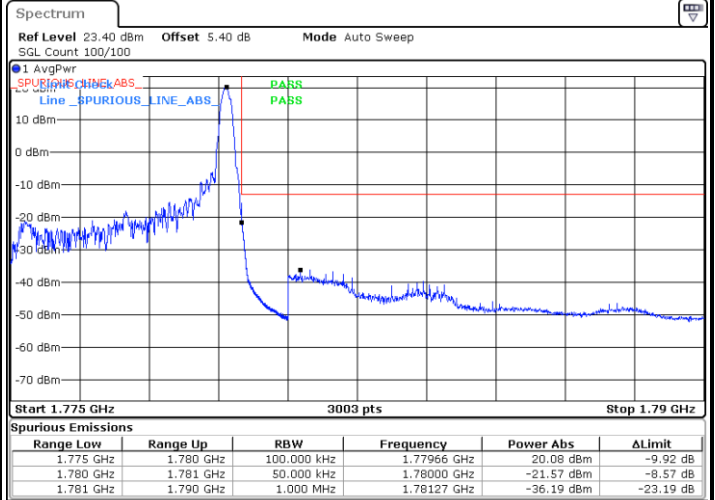
LTE Band 66 / 5MHz / 64QAM

Lowest Band Edge / 1RB



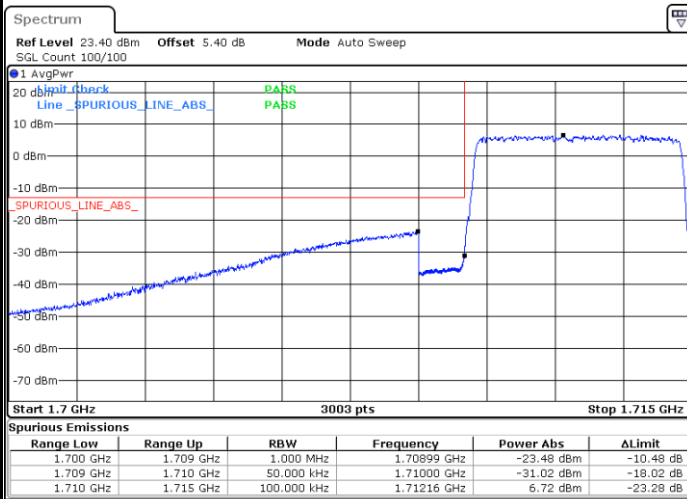
Date: 26.DEC.2021 22:19:24

Highest Band Edge / 1 RB



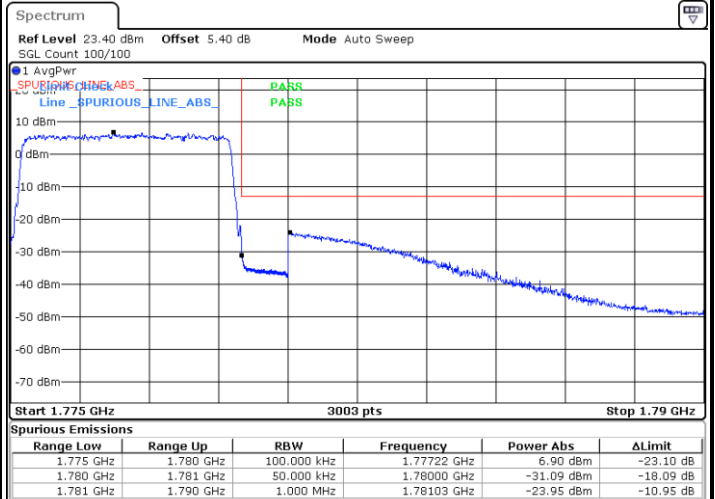
Date: 26.DEC.2021 22:22:57

Lowest Band Edge / Full RB



Date: 26.DEC.2021 22:21:10

Highest Band Edge / Full RB

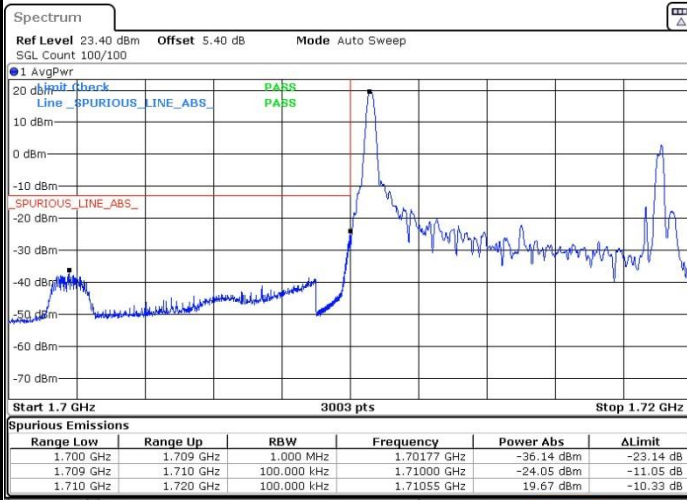


Date: 26.DEC.2021 22:24:44



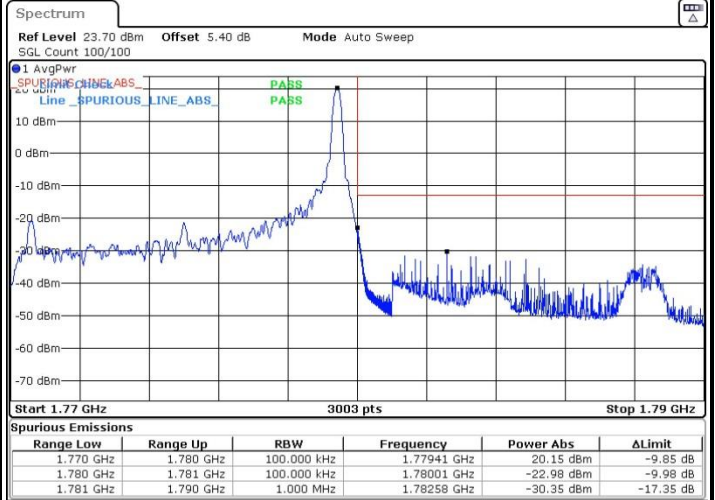
LTE Band 66 / 10MHz / QPSK

Lowest Band Edge / 1 RB



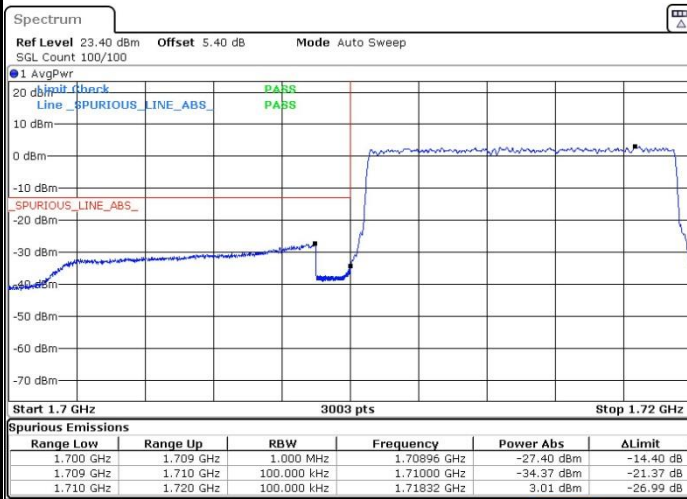
Date: 20 DEC 2021 00:33:36

Highest Band Edge / 1 RB



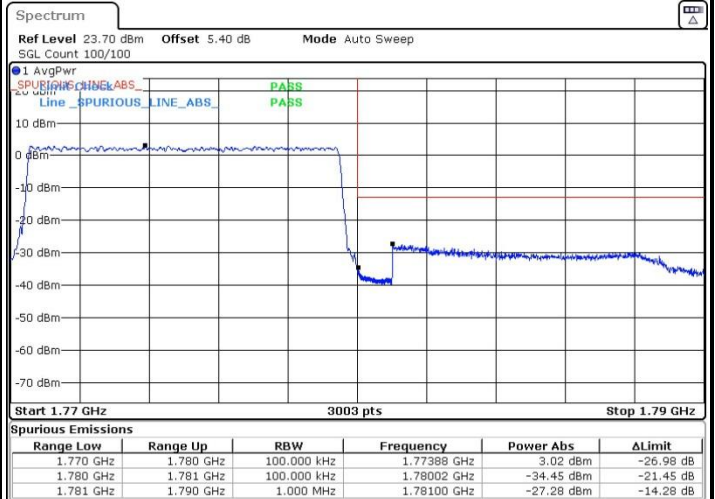
Date: 20 DEC 2021 00:37:32

Lowest Band Edge / Full RB



Date: 20 DEC 2021 00:35:34

Highest Band Edge / Full RB

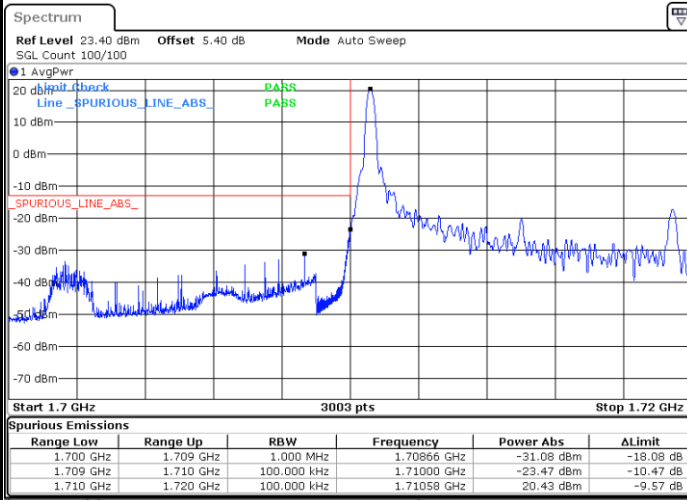


Date: 20 DEC 2021 00:39:30



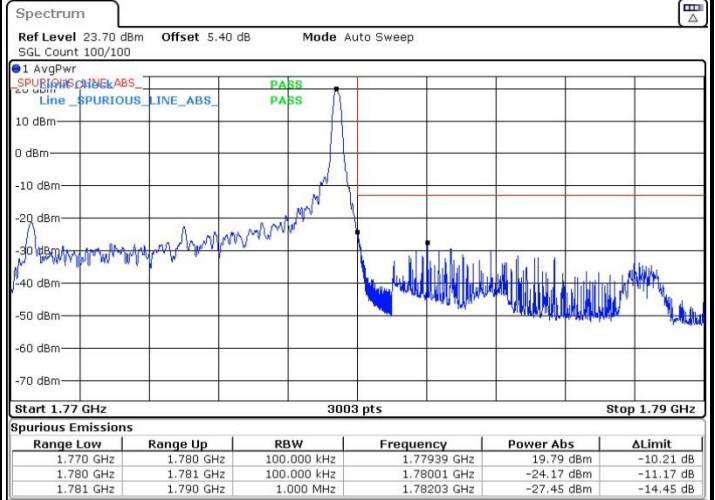
LTE Band 66 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



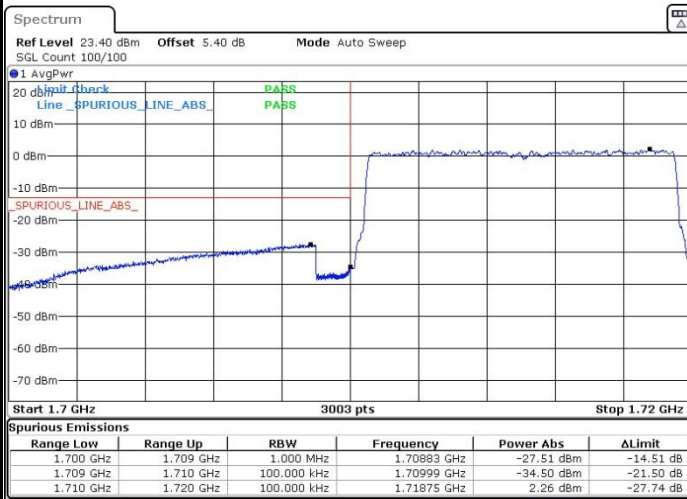
Date: 26.DEC.2021 23:01:40

Highest Band Edge / 1 RB



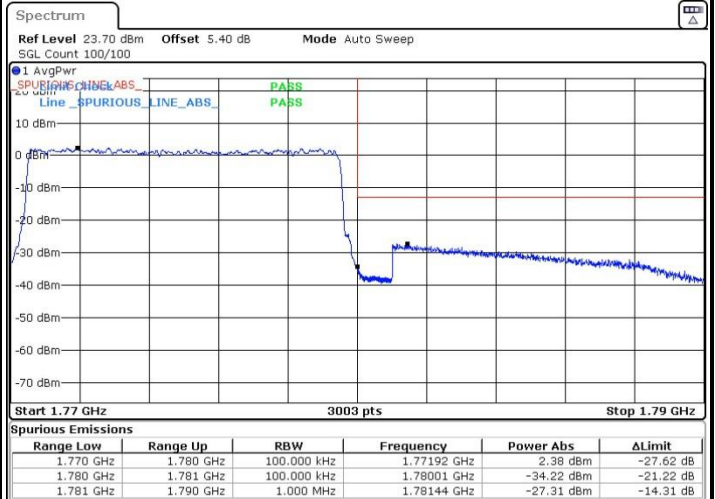
Date: 20.DEC.2021 00:38:31

Lowest Band Edge / Full RB



Date: 20.DEC.2021 00:36:33

Highest Band Edge / Full RB

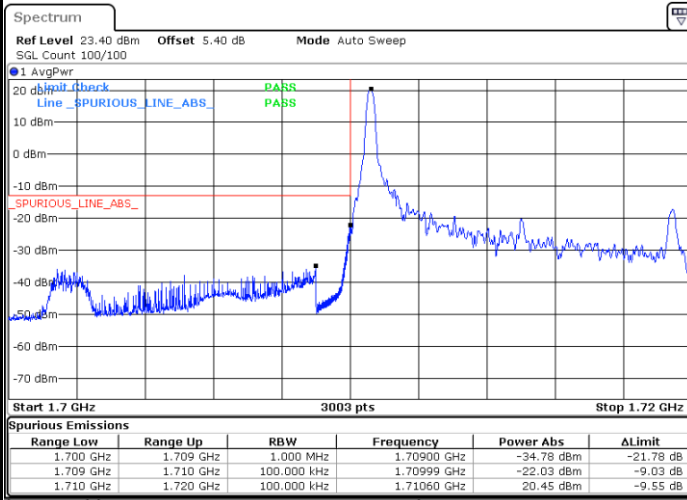


Date: 20.DEC.2021 00:40:29



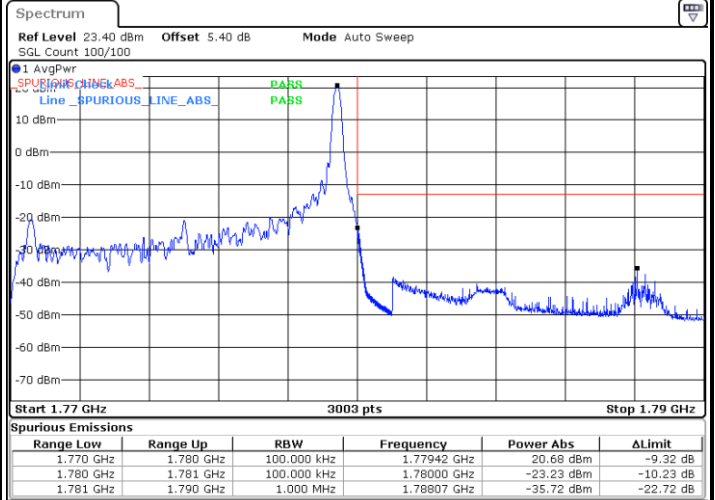
LTE Band 66 / 10MHz / 64QAM

Lowest Band Edge / 1 RB



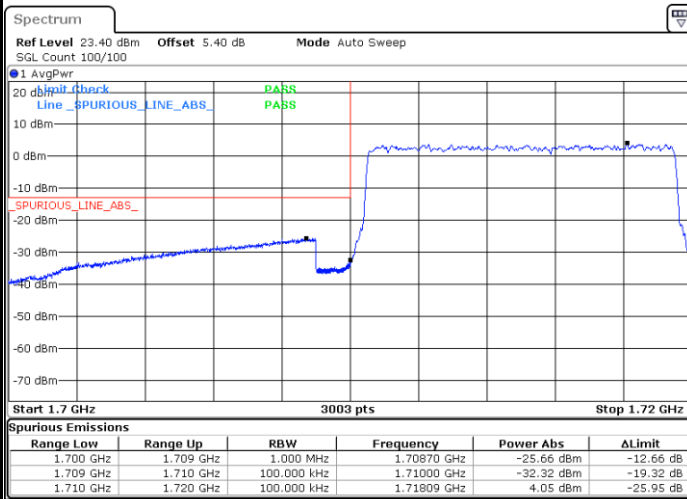
Date: 26.DEC.2021 22:26:30

Highest Band Edge / 1 RB



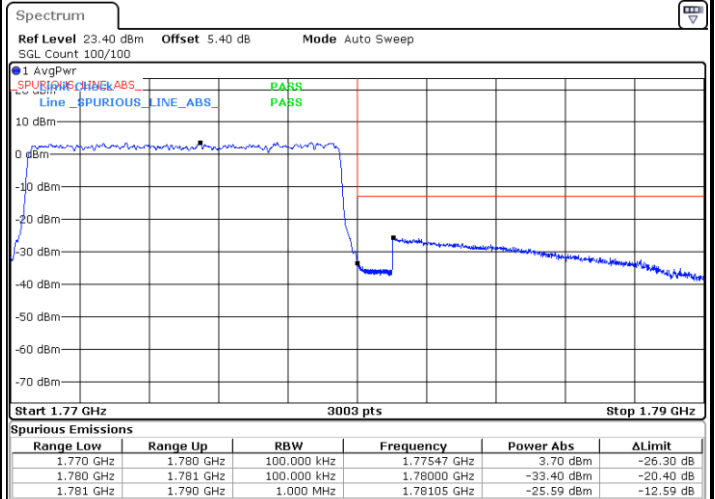
Date: 26.DEC.2021 22:30:03

Lowest Band Edge / Full RB



Date: 26.DEC.2021 22:28:16

Highest Band Edge / Full RB

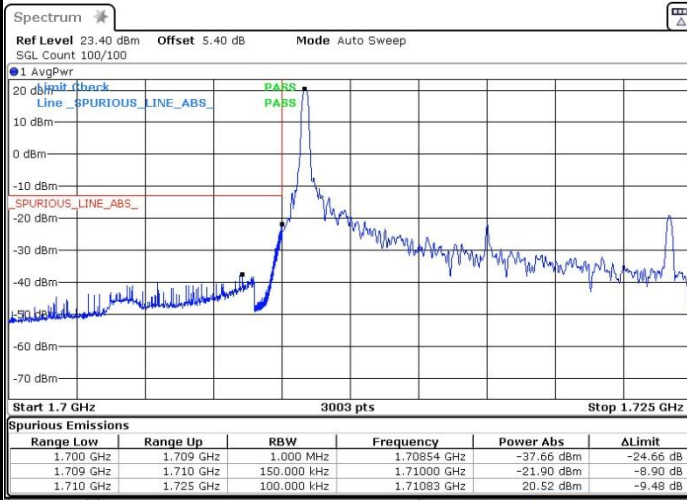


Date: 26.DEC.2021 22:31:49



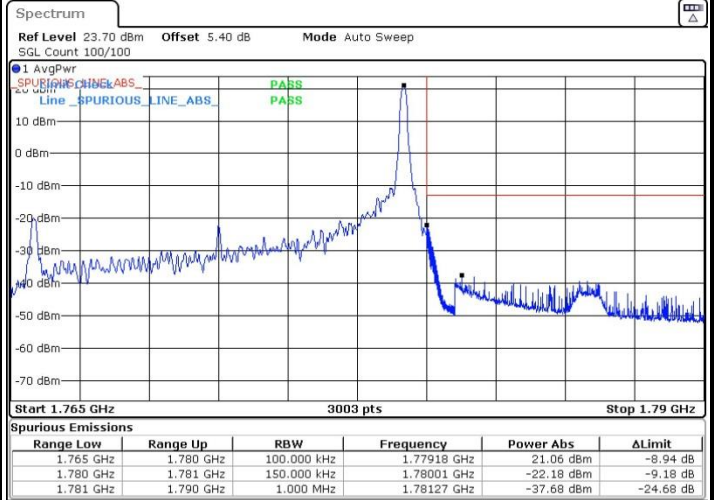
LTE Band 66 / 15MHz / QPSK

Lowest Band Edge / 1 RB



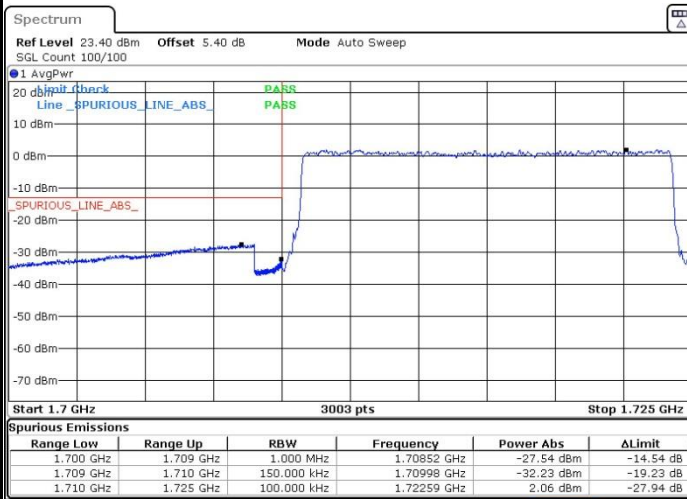
Date: 20 DEC 2021 00:42:27

Highest Band Edge / 1 RB



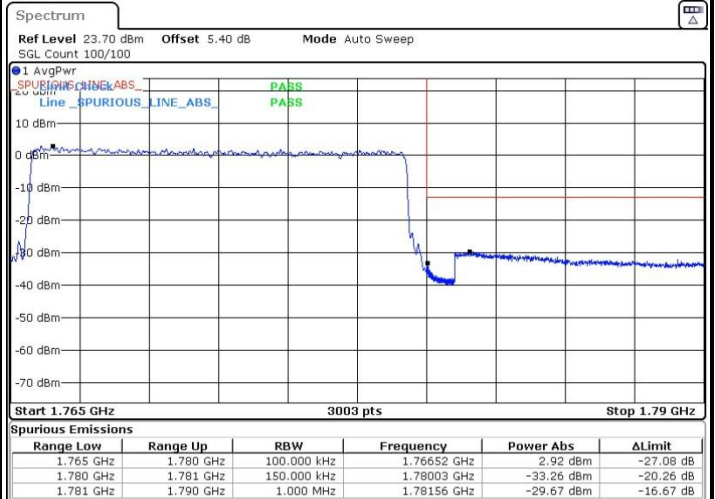
Date: 20 DEC 2021 00:46:24

Lowest Band Edge / Full RB



Date: 20 DEC 2021 00:44:26

Highest Band Edge / Full RB

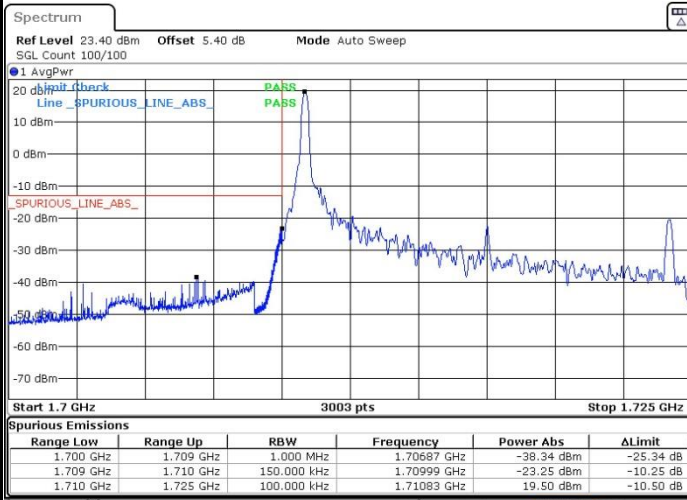


Date: 20 DEC 2021 00:48:22



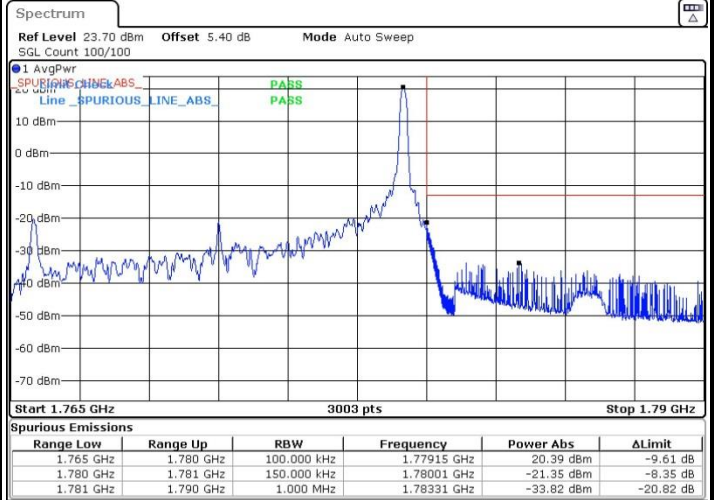
LTE Band 66 / 15MHz / 16QAM

Lowest Band Edge / 1 RB



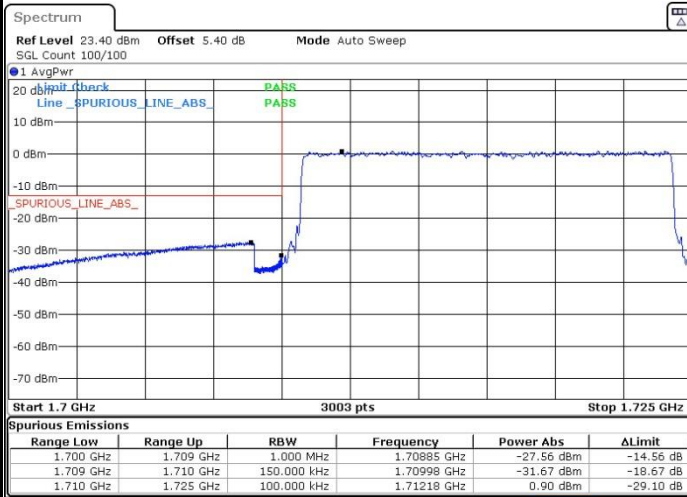
Date: 20 DEC 2021 00:43:27

Highest Band Edge / 1 RB



Date: 20 DEC 2021 00:47:23

Lowest Band Edge / Full RB



Date: 20 DEC 2021 00:45:25

Highest Band Edge / Full RB

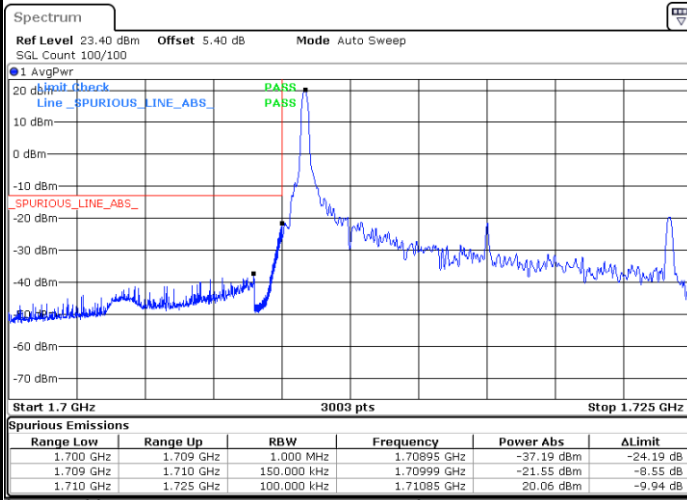


Date: 20 DEC 2021 00:49:20



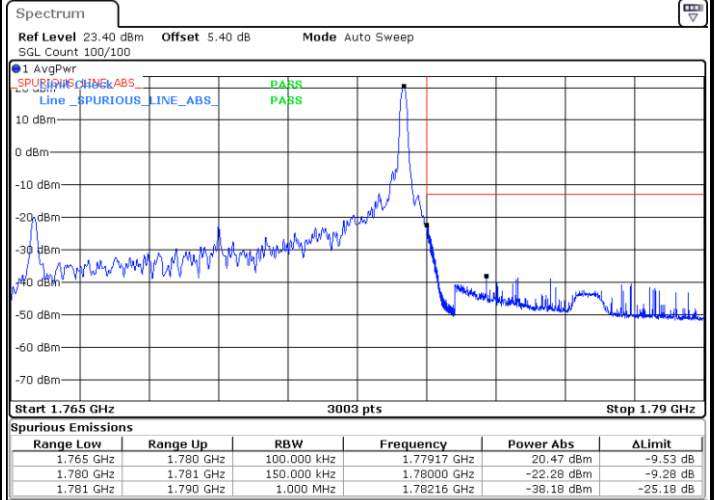
LTE Band 66 / 15MHz / 64QAM

Lowest Band Edge / 1 RB



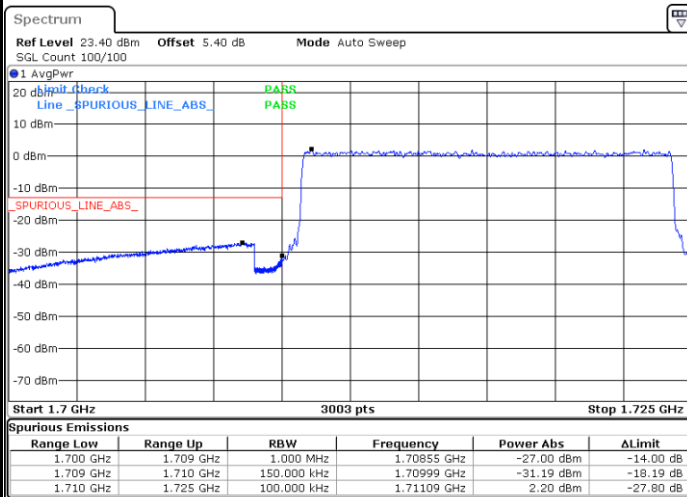
Date: 26.DEC.2021 22:33:36

Highest Band Edge / 1 RB



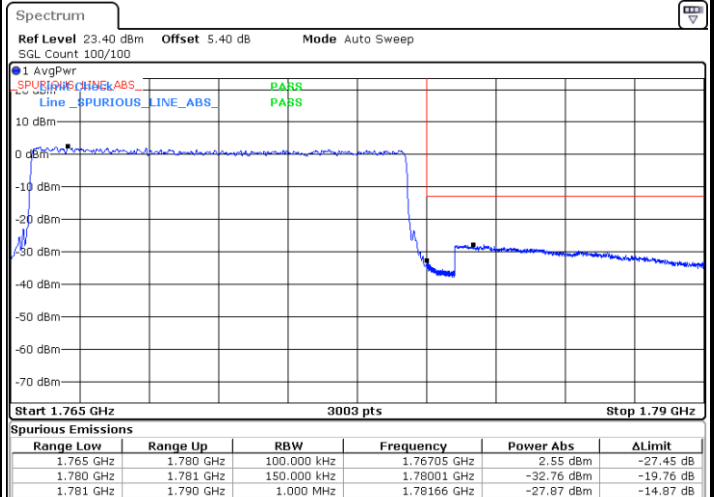
Date: 26.DEC.2021 22:37:08

Lowest Band Edge / Full RB



Date: 26.DEC.2021 22:35:22

Highest Band Edge / Full RB



Date: 26.DEC.2021 22:38:55