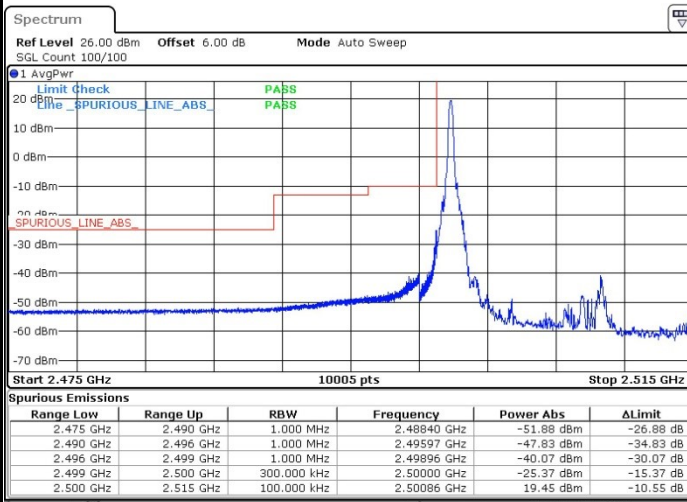




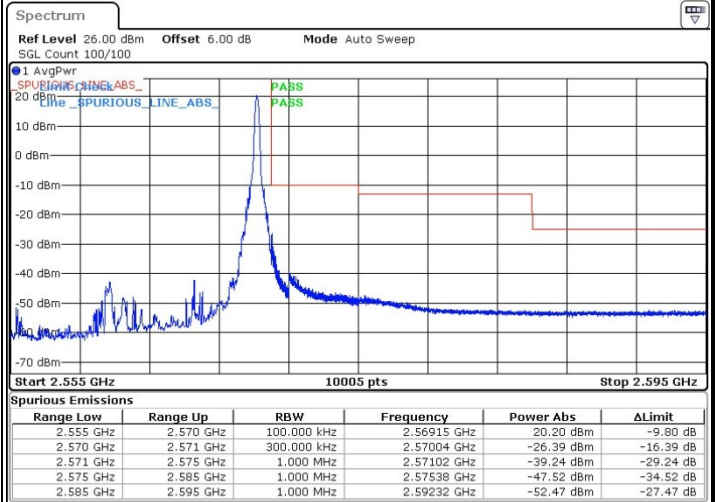
LTE Band 7 / 15MHz / 16QAM

Lowest Band Edge / 1 RB



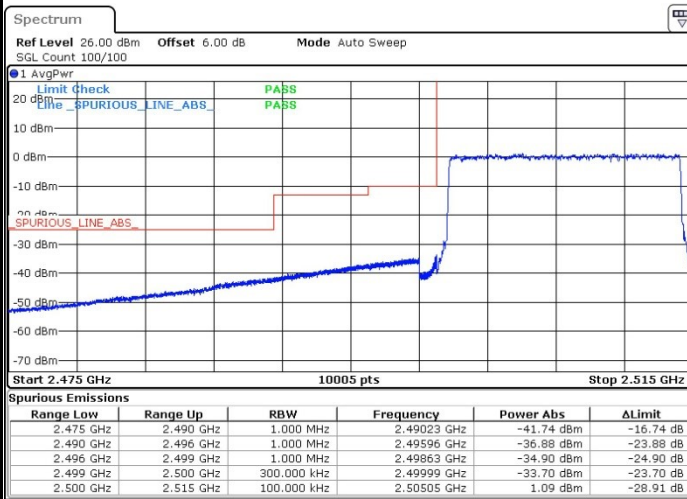
Date: 20.AUG.2021 18:45:55

Highest Band Edge / 1 RB



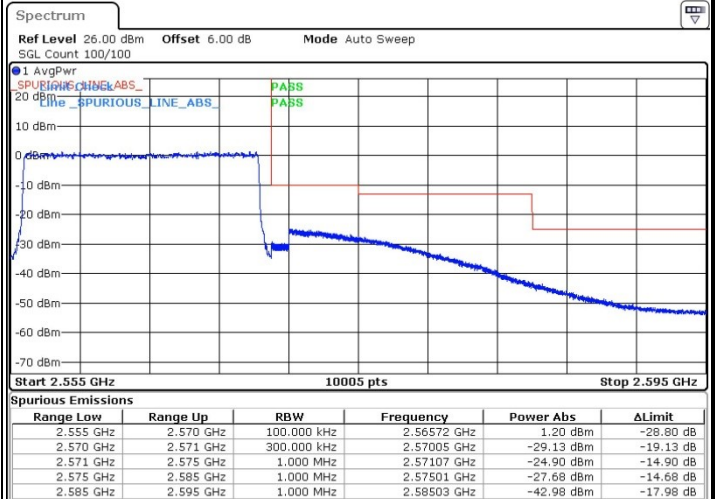
Date: 20.AUG.2021 18:49:52

Lowest Band Edge / Full RB



Date: 20.AUG.2021 18:47:54

Highest Band Edge / Full RB

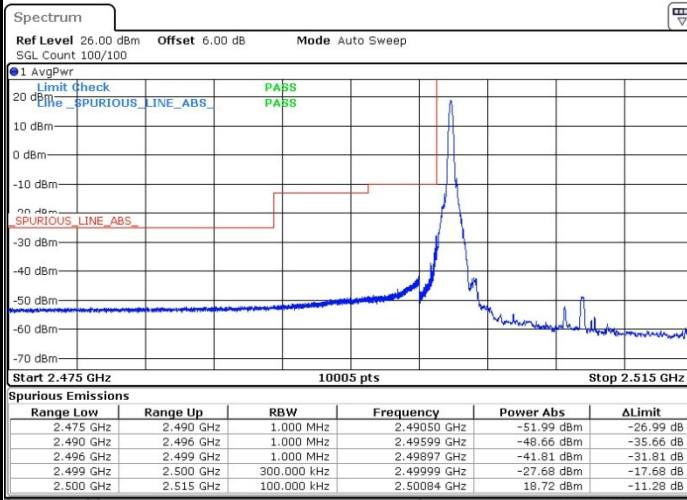


Date: 20.AUG.2021 18:51:50



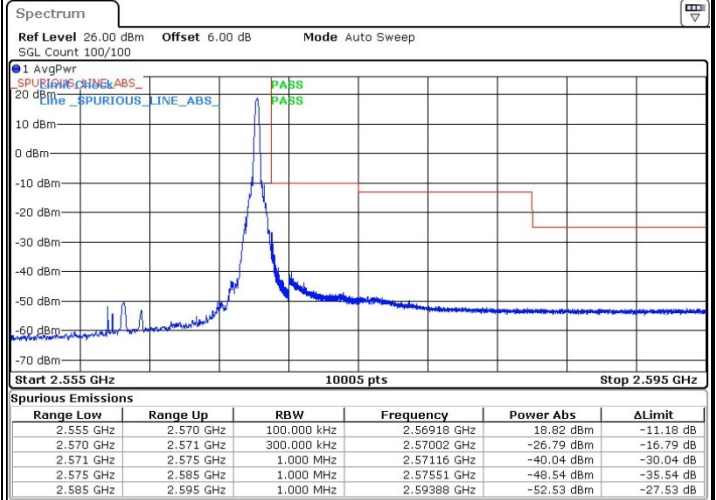
LTE Band 7 / 15MHz / 64QAM

Lowest Band Edge / 1 RB



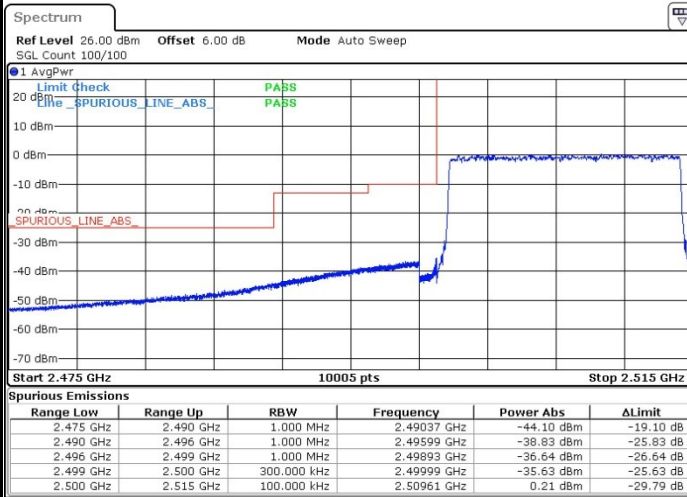
Date: 20.AUG.2021 19:11:34

Highest Band Edge / 1 RB



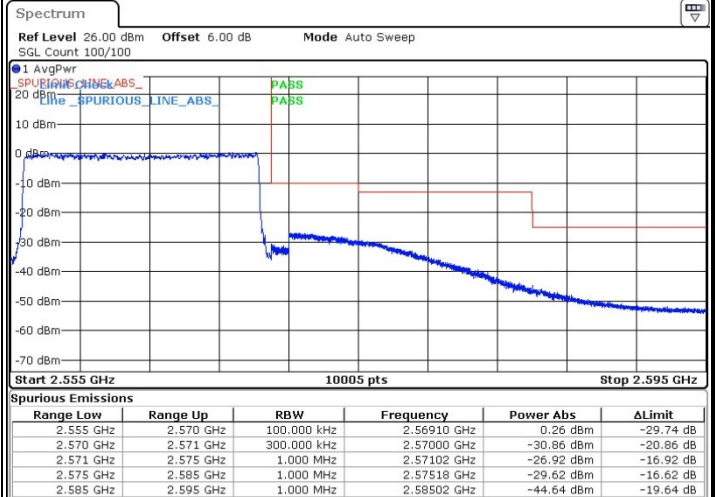
Date: 20.AUG.2021 19:13:32

Lowest Band Edge / Full RB



Date: 20.AUG.2021 19:12:33

Highest Band Edge / Full RB



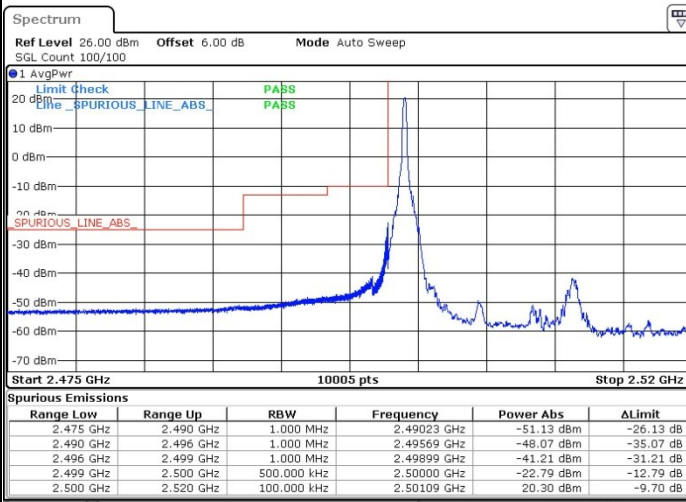
Date: 20.AUG.2021 19:14:31



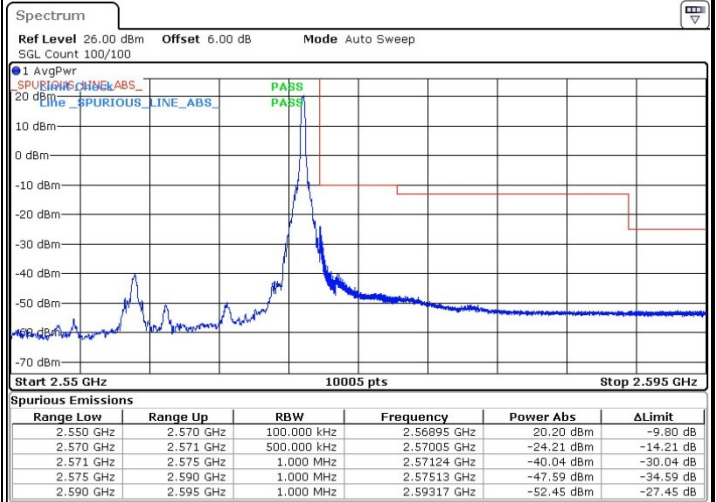
LTE Band 7 / 20MHz / QPSK

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB



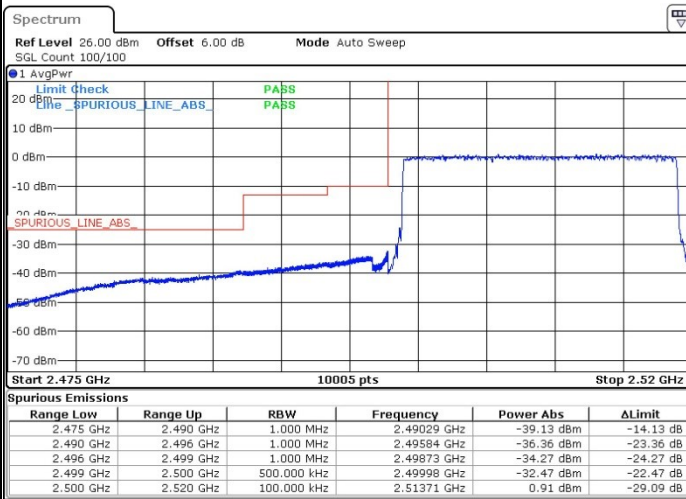
Date: 20.AUG.2021 18:53:13



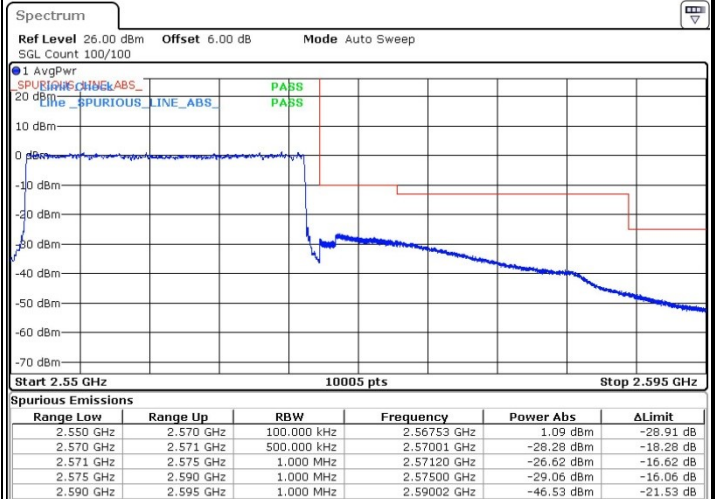
Date: 20.AUG.2021 18:57:09

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 20.AUG.2021 18:55:11

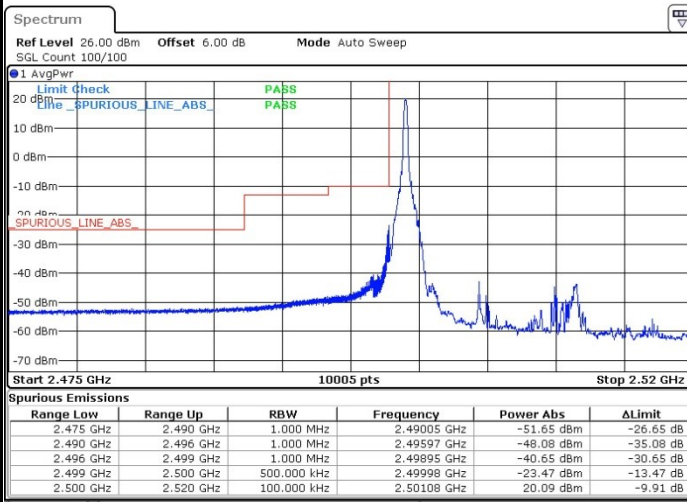


Date: 20.AUG.2021 19:00:07



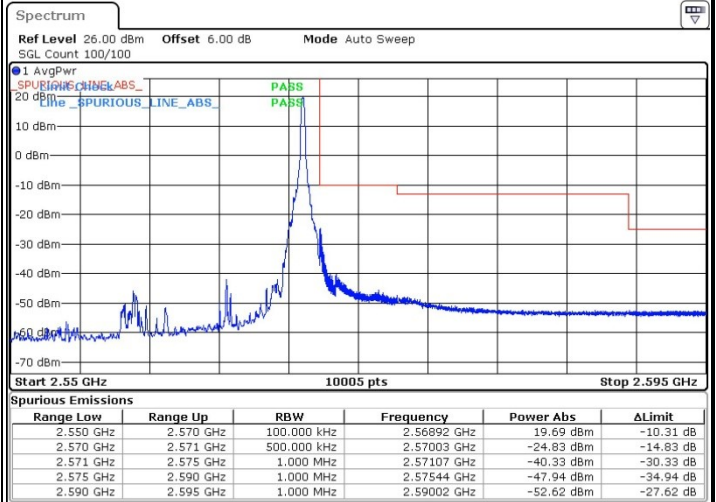
LTE Band 7 / 20MHz / 16QAM

Lowest Band Edge / 1 RB



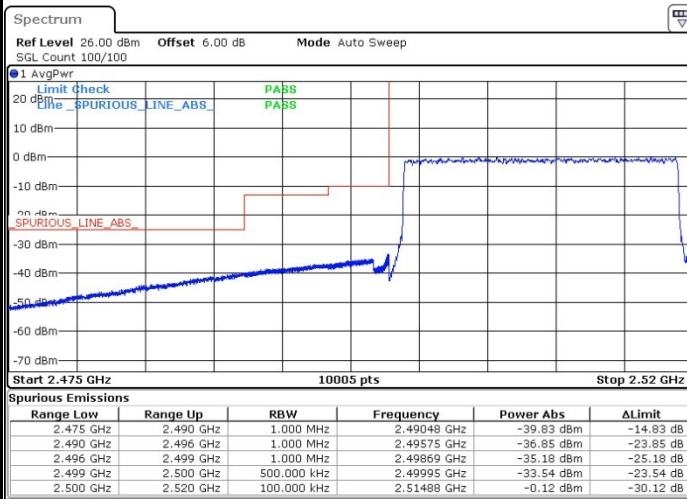
Date: 20.AUG.2021 18:54:12

Highest Band Edge / 1 RB



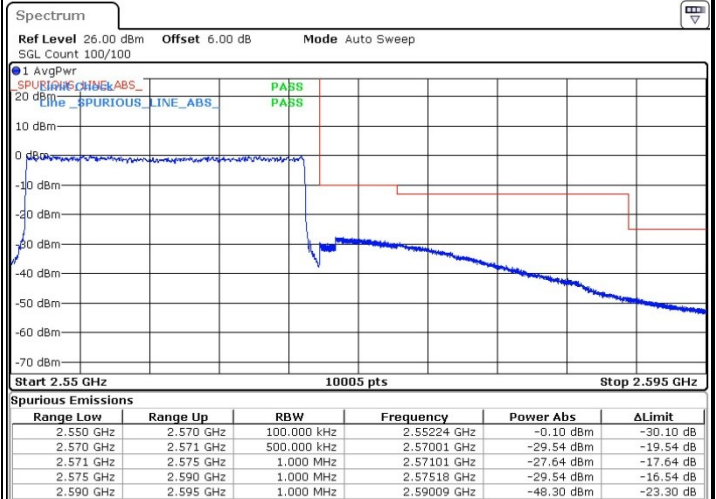
Date: 20.AUG.2021 18:58:09

Lowest Band Edge / Full RB



Date: 20.AUG.2021 18:56:10

Highest Band Edge / Full RB



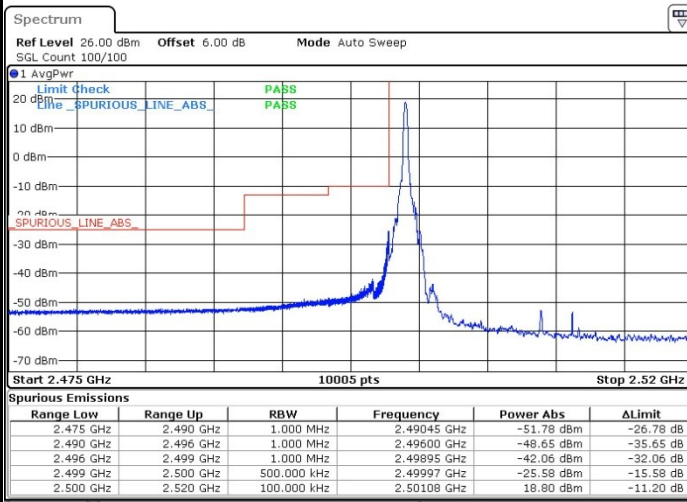
Date: 20.AUG.2021 18:59:08





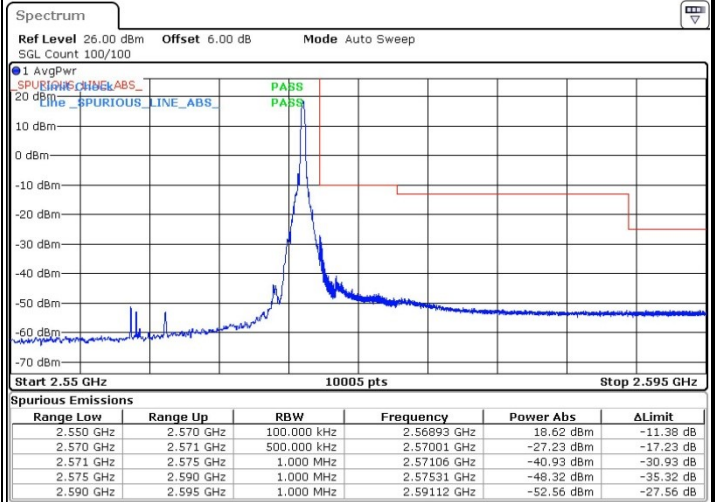
LTE Band 7 / 20MHz / 64QAM

Lowest Band Edge / 1 RB



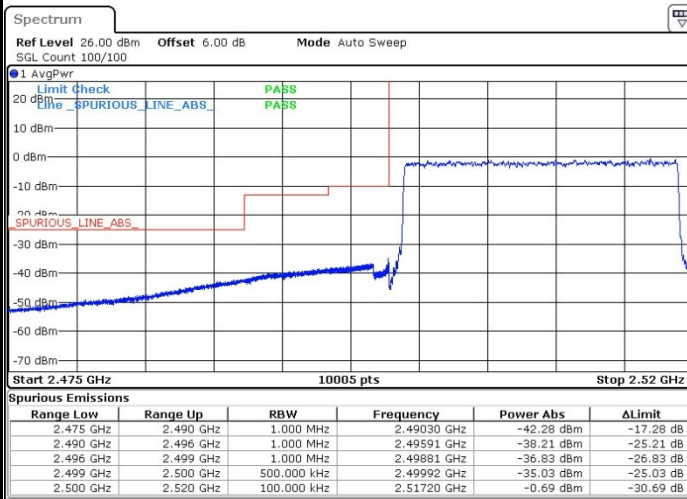
Date: 20.AUG.2021 19:16:22

Highest Band Edge / 1 RB



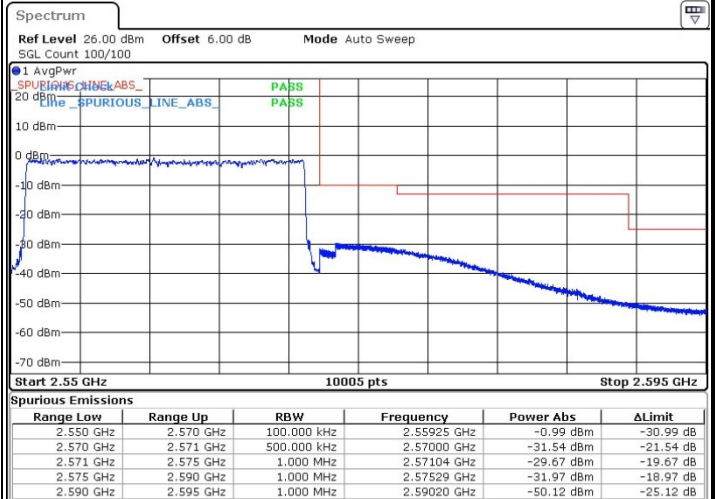
Date: 20.AUG.2021 19:18:20

Lowest Band Edge / Full RB



Date: 20.AUG.2021 19:17:21

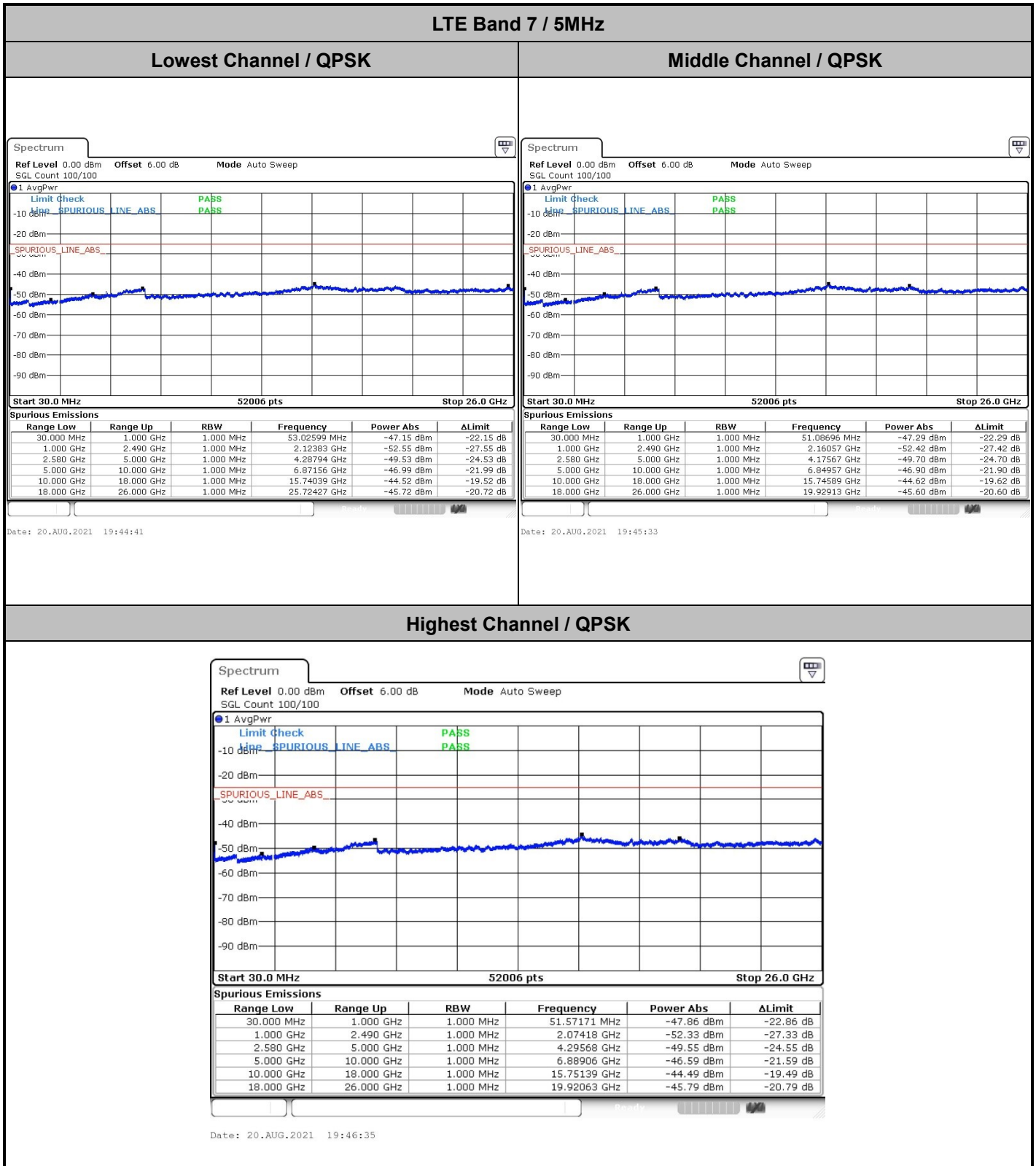
Highest Band Edge / Full RB



Date: 20.AUG.2021 19:19:19



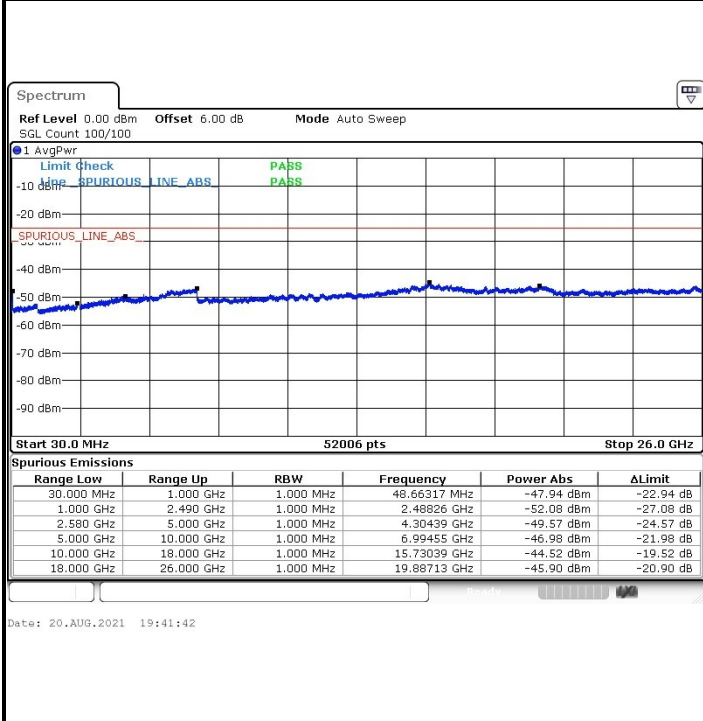
# Conducted Spurious Emission



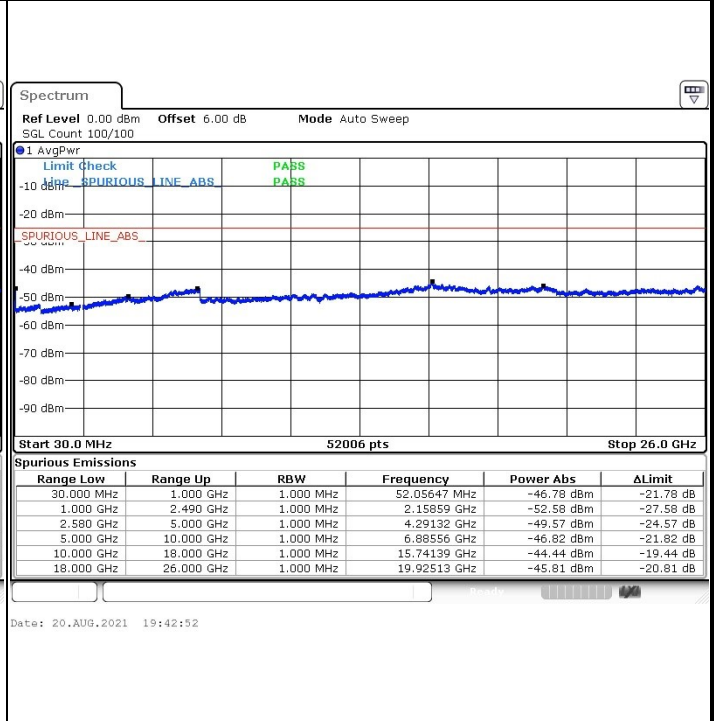


**LTE Band 7 / 10MHz**

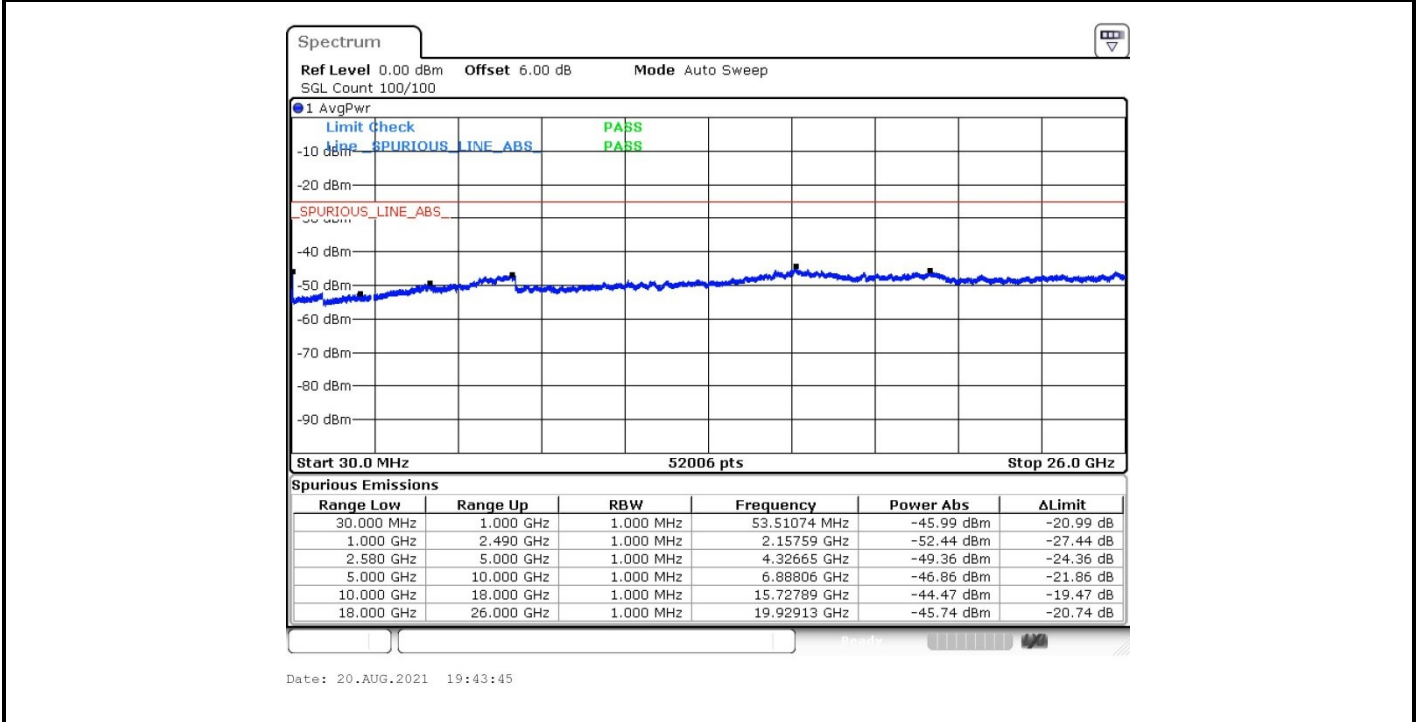
**Lowest Channel / QPSK**



**Middle Channel / QPSK**



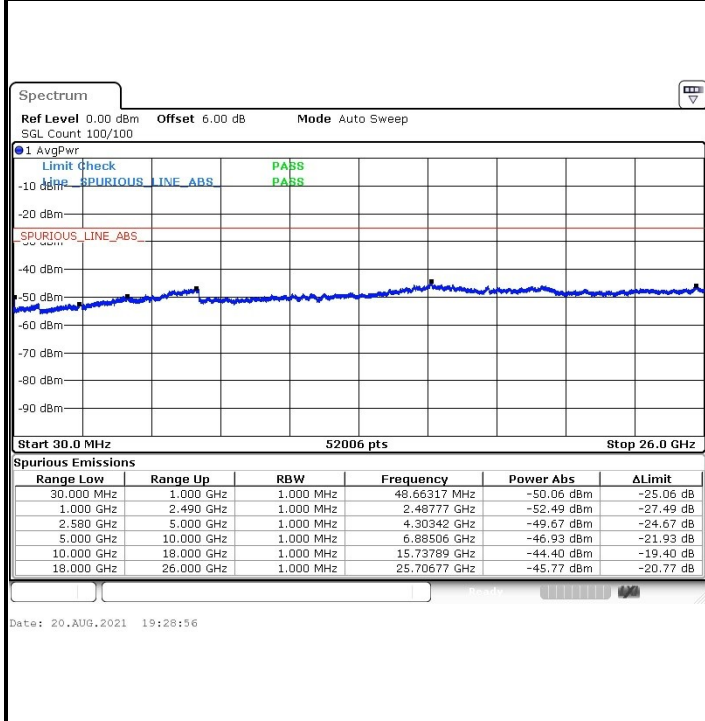
**Highest Channel / QPSK**



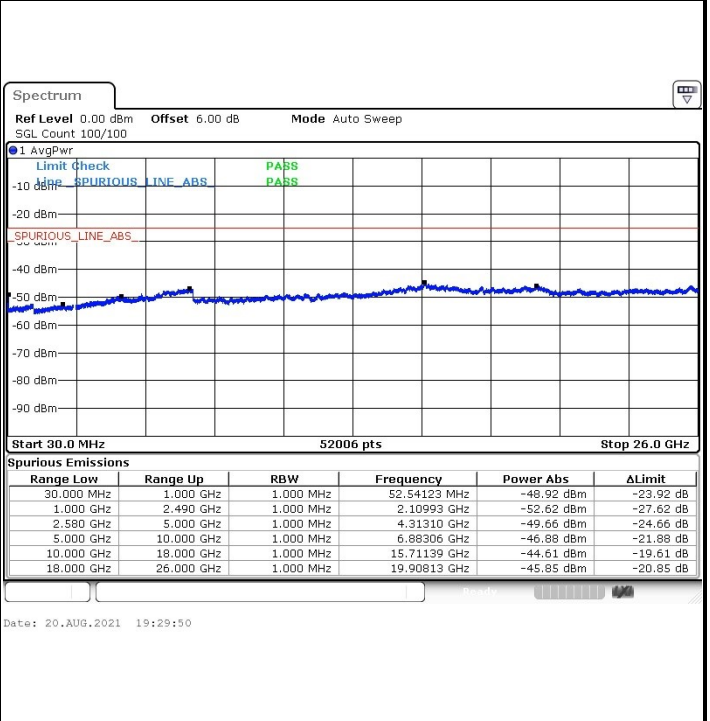


**LTE Band 7 / 15MHz**

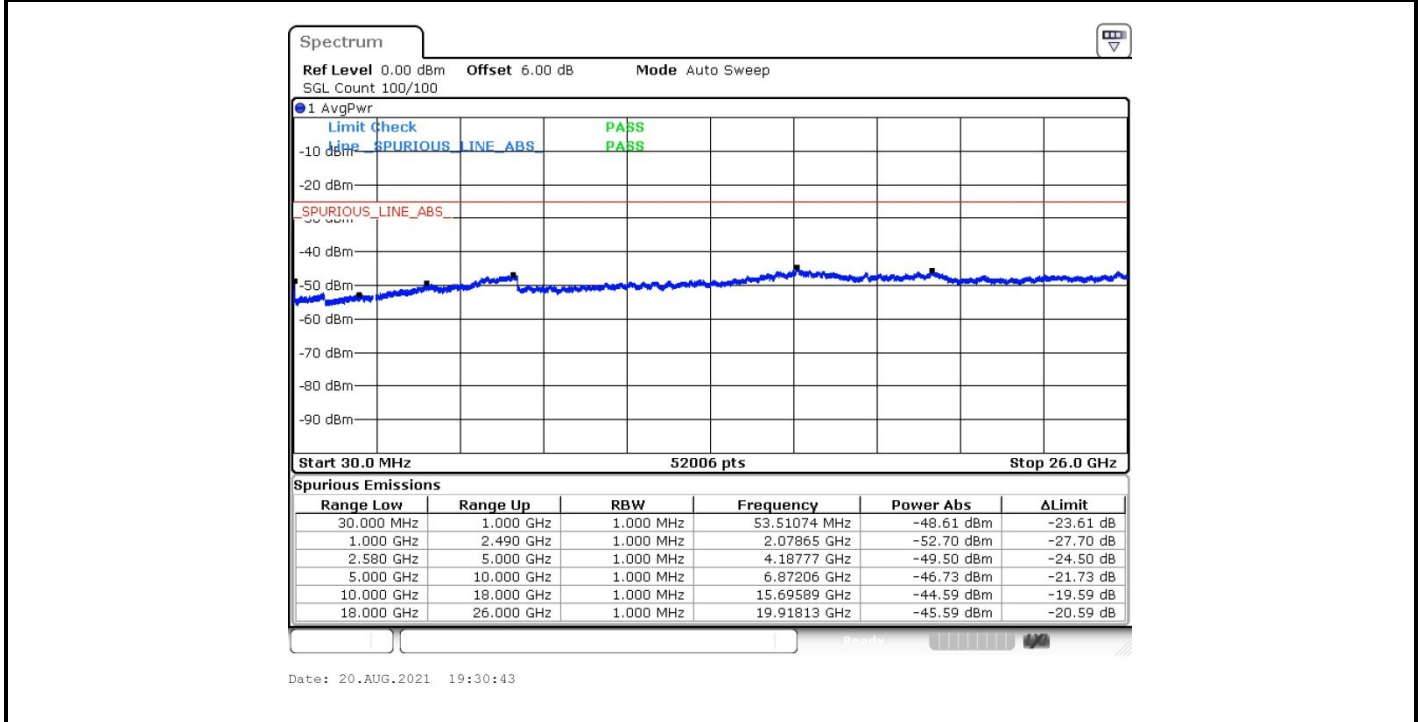
**Lowest Channel / QPSK**



**Middle Channel / QPSK**



**Highest Channel / QPSK**



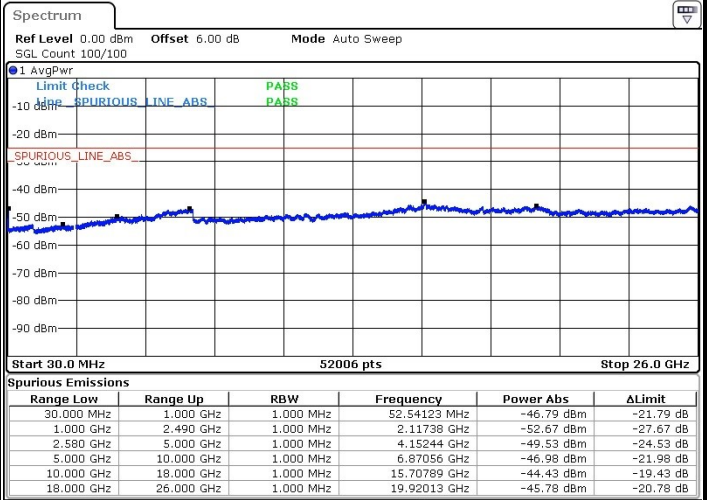
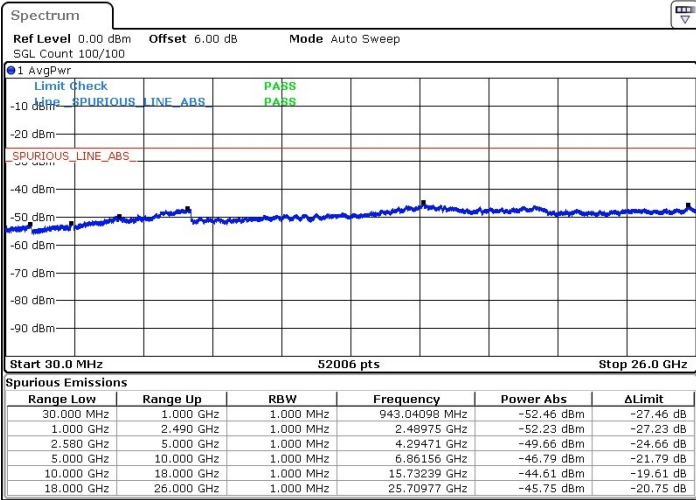




LTE Band 7 / 20MHz

Lowest Channel / QPSK

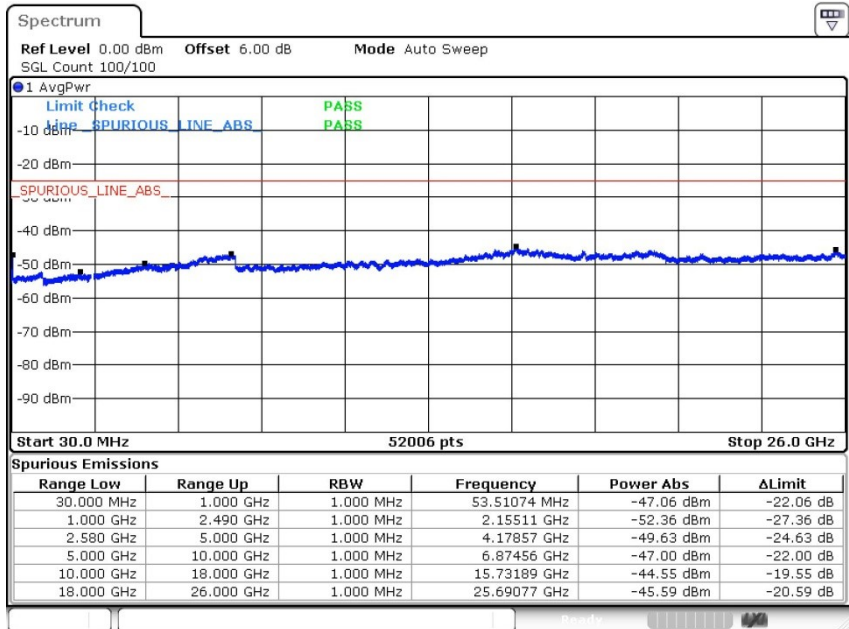
Middle Channel / QPSK



Date: 20.AUG.2021 19:23:29

Date: 20.AUG.2021 19:25:44

Highest Channel / QPSK



Date: 20.AUG.2021 19:28:01



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	0.0008	PASS
40	Normal Voltage	0.0005	
30	Normal Voltage	0.0012	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0005	
0	Normal Voltage	0.0008	
-10	Normal Voltage	0.0012	
-20	Normal Voltage	0.0005	
-30	Normal Voltage	0.0015	
20	Maximum Voltage	0.0006	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0005	

Note:

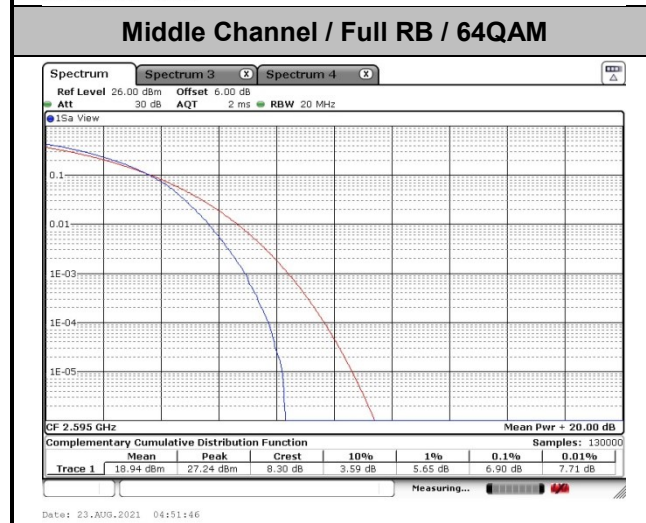
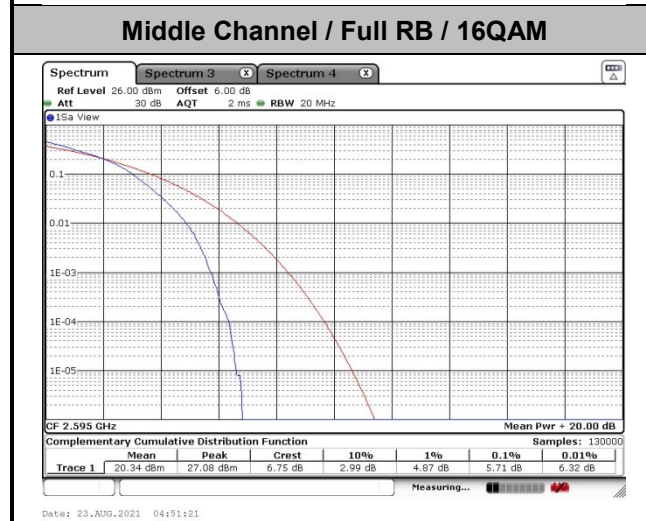
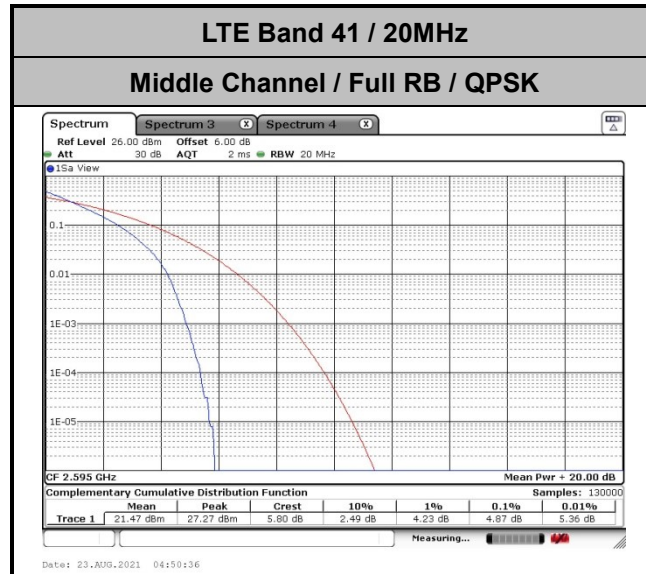
1. Normal Voltage =3.87 V. ; Battery End Point (BEP) =3.4 V. ; Maximum Voltage =4.45 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



## LTE Band 41

### Peak-to-Average Ratio

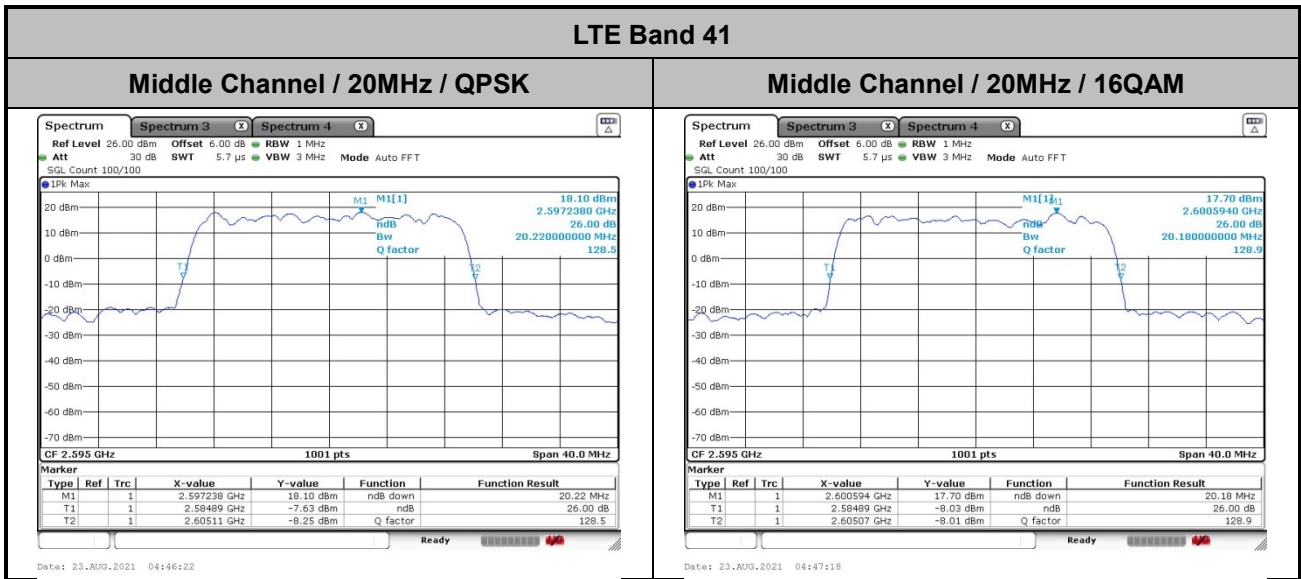
Mode	LTE Band 41 / 20MHz			
Mod.	QPSK	16QAM	64QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Result
Middle CH	4.87	5.71	6.90	<b>PASS</b>





## 26dB Bandwidth

Mode	LTE Band 41 : 26dB BW(MHz)	
BW	20MHz	
Mod.	QPSK	16QAM
Middle CH	20.22	20.18







# Occupied Bandwidth

<b>Mode</b>	<b>LTE Band 41 : 99%OBW(MHz)</b>	
<b>BW</b>	<b>20MHz</b>	
<b>Mod.</b>	<b>QPSK</b>	<b>16QAM</b>
<b>Middle CH</b>	18.34	18.34

