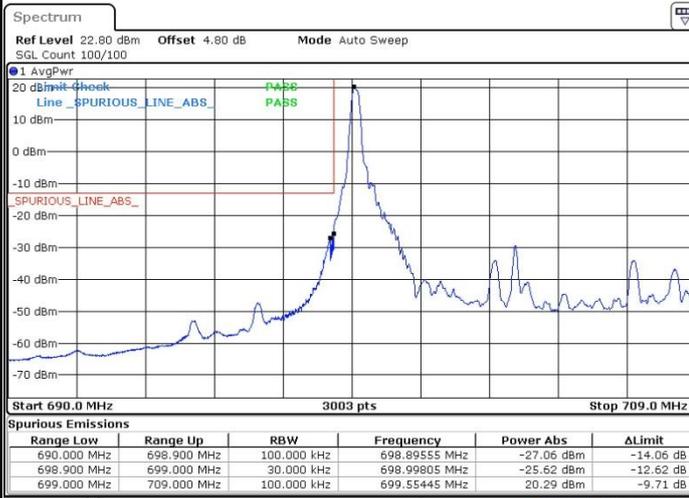




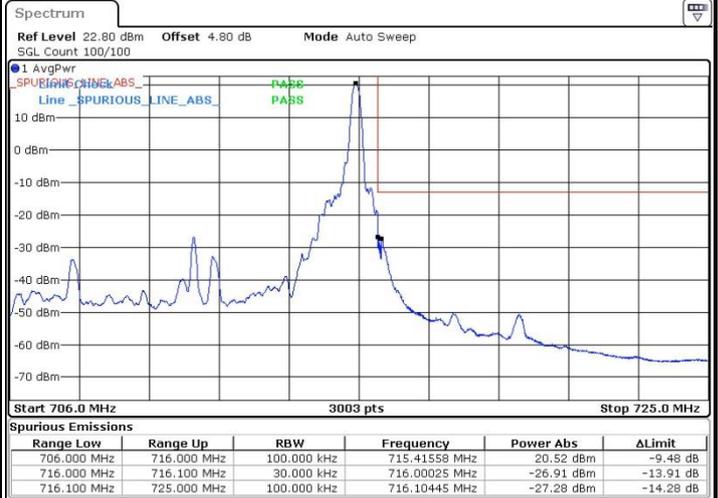
LTE Band 12 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



Date: 10 AUG 2021 19:34:08

Highest Band Edge / 1 RB



Date: 10 AUG 2021 19:41:04

Lowest Band Edge / Full RB



Date: 10 AUG 2021 19:37:06

Highest Band Edge / Full RB

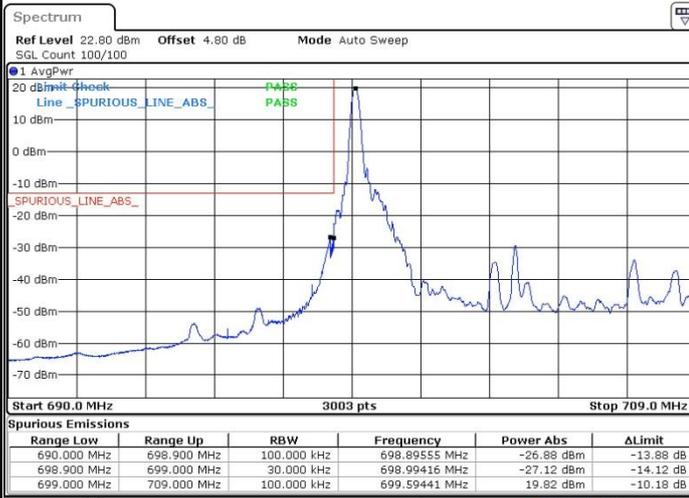


Date: 10 AUG 2021 19:38:07



LTE Band 12 / 10MHz / 64QAM

Lowest Band Edge / 1 RB



Date: 10 AUG 2021 19:56:25

Highest Band Edge / 1 RB



Date: 10 AUG 2021 19:55:26

Lowest Band Edge / Full RB



Date: 10 AUG 2021 19:57:24

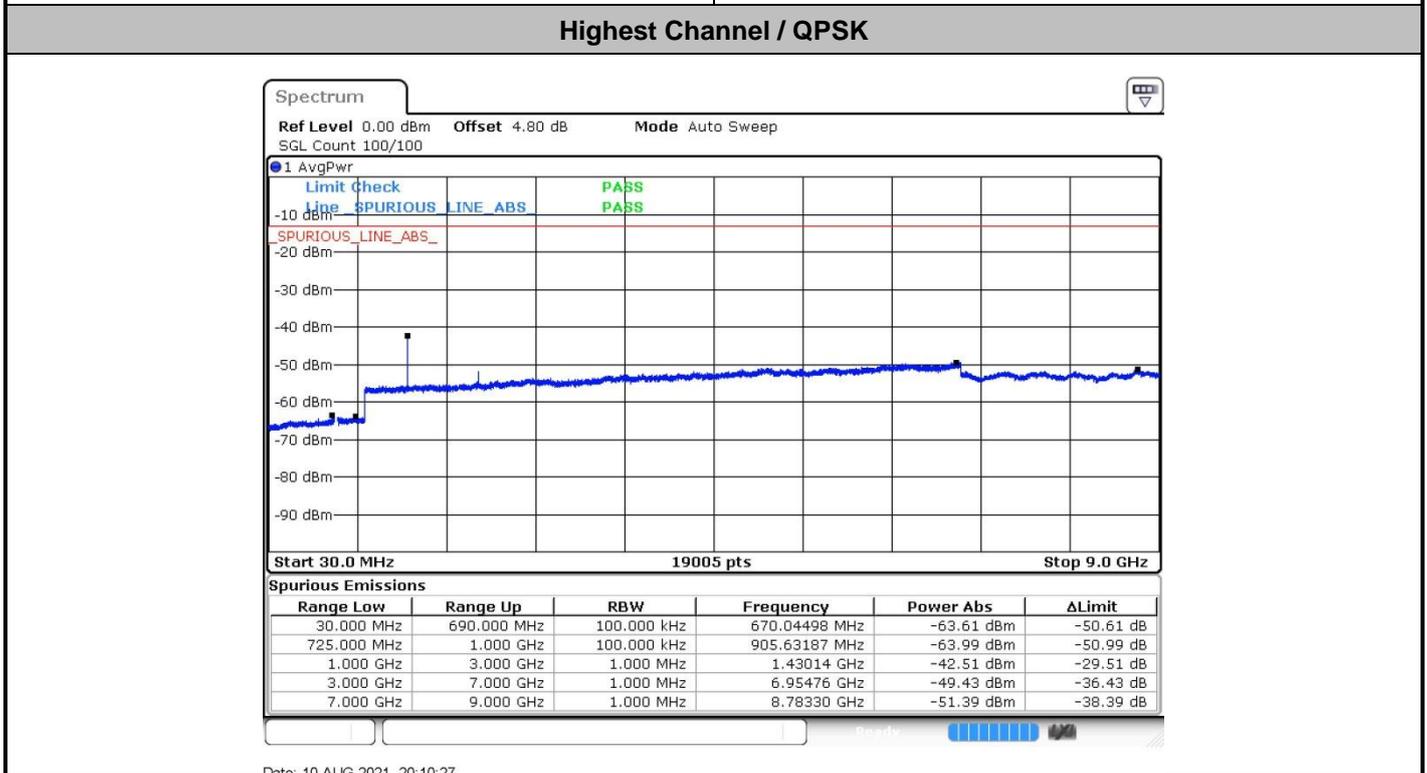
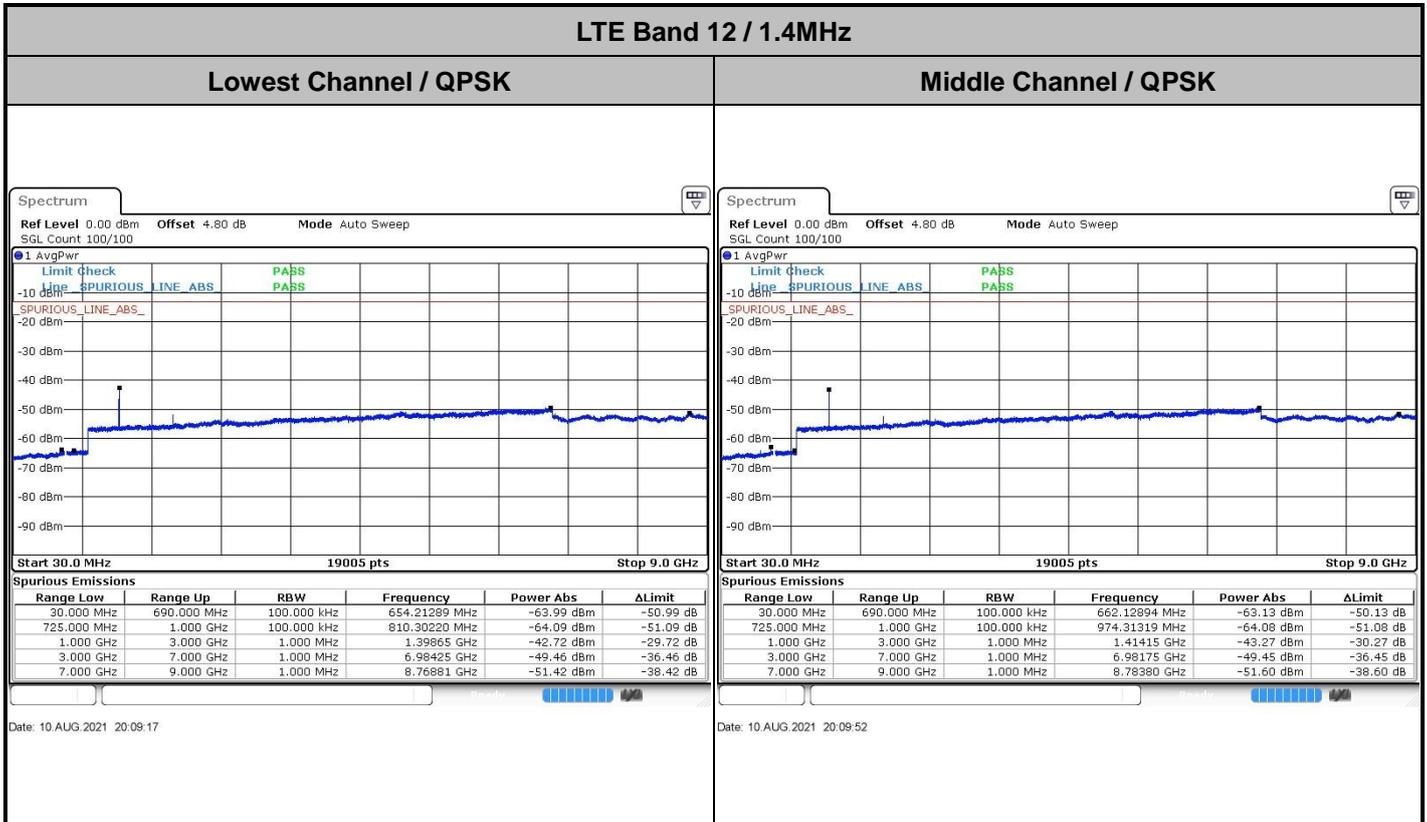
Highest Band Edge / Full RB



Date: 10 AUG 2021 19:54:27



# Conducted Spurious Emission

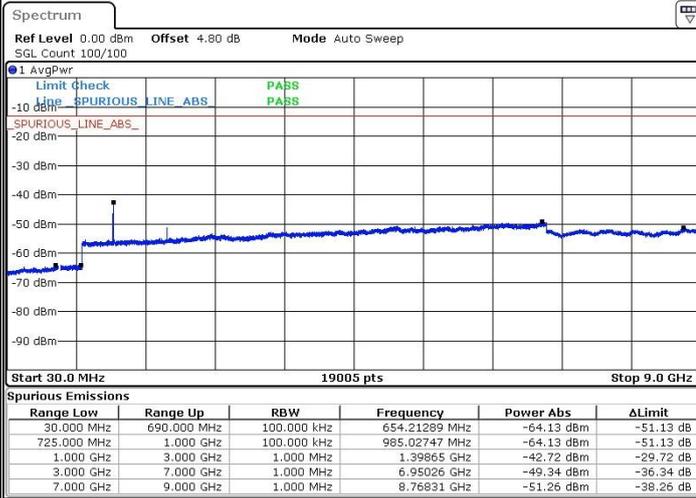




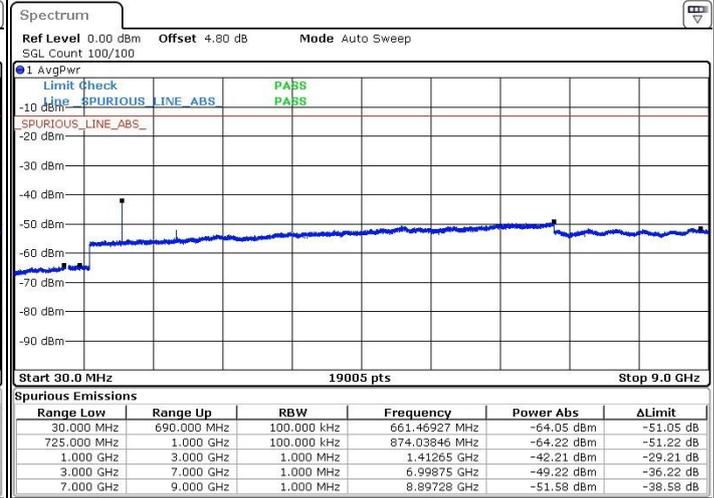
LTE Band 12 / 3MHz

Lowest Channel / QPSK

Middle Channel / QPSK

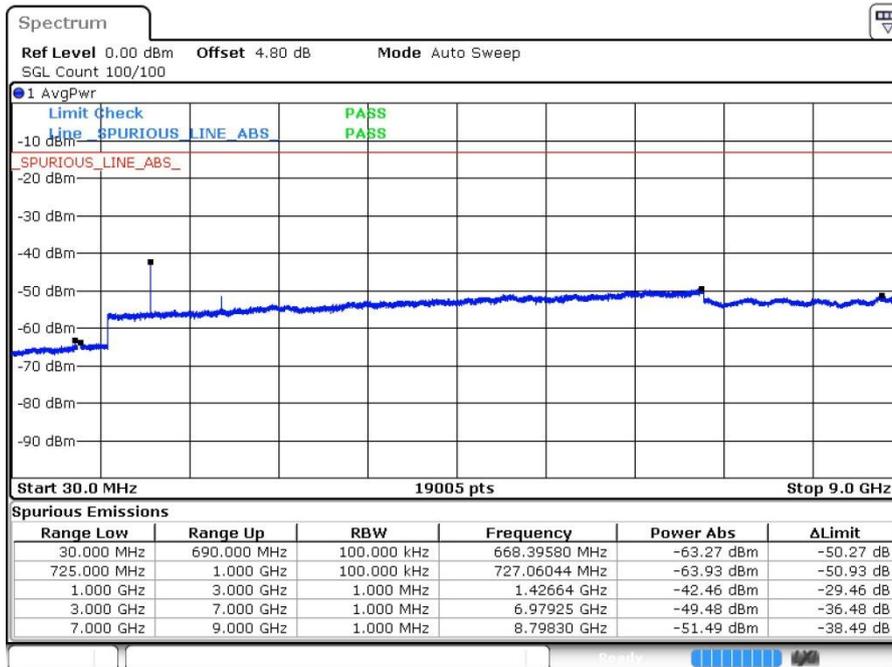


Date: 10.AUG.2021 20:06:58



Date: 10.AUG.2021 20:07:39

Highest Channel / QPSK



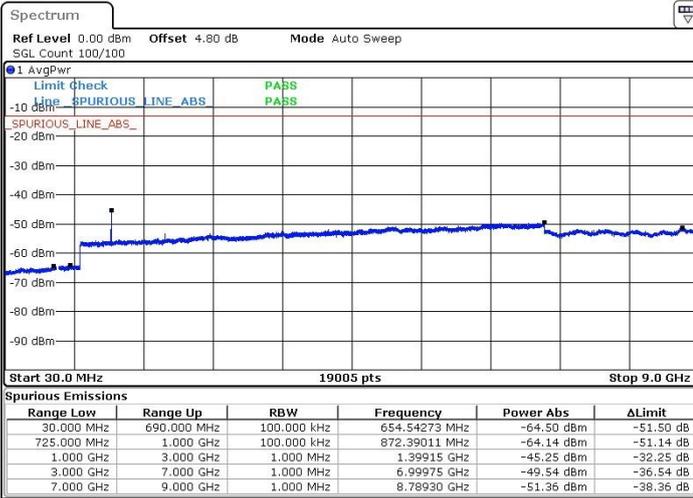
Date: 10.AUG.2021 20:08:33



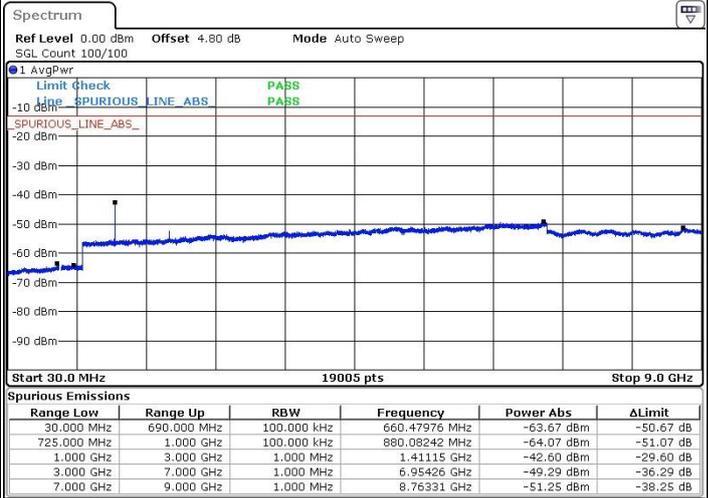
LTE Band 12 / 5MHz

Lowest Channel / QPSK

Middle Channel / QPSK

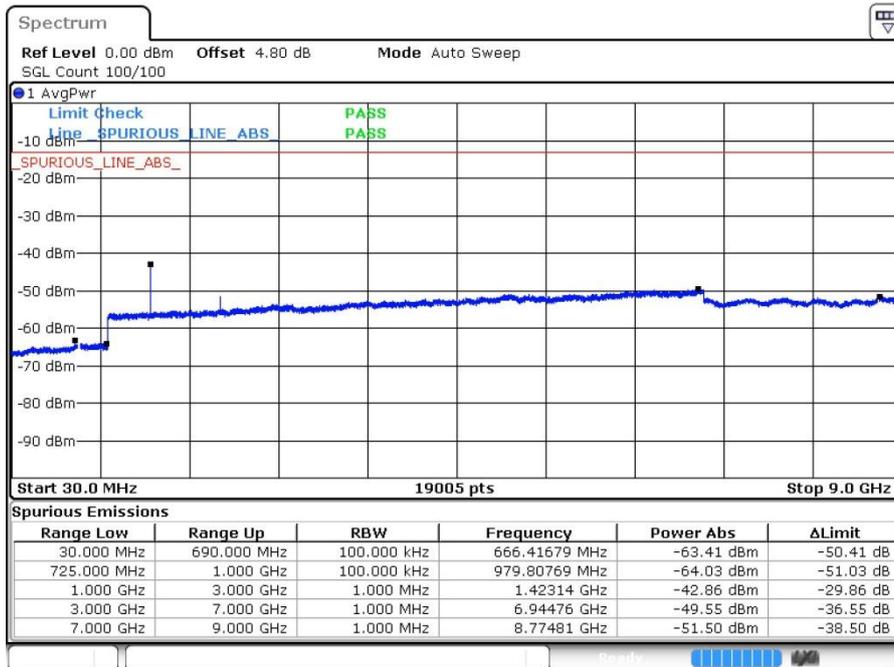


Date: 10.AUG.2021 20:05:02



Date: 10.AUG.2021 20:05:30

Highest Channel / QPSK



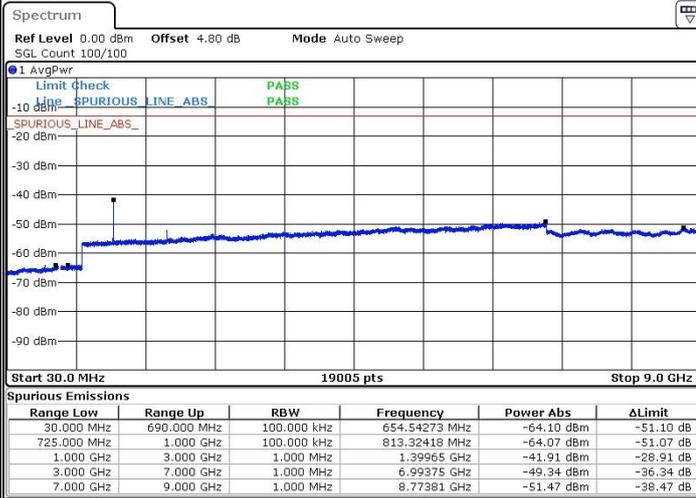
Date: 10.AUG.2021 20:05:59



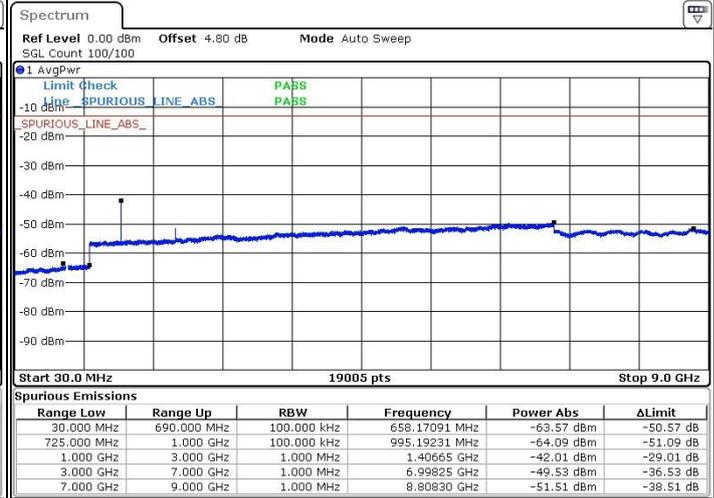
LTE Band 12 / 10MHz

Lowest Channel / QPSK

Middle Channel / QPSK

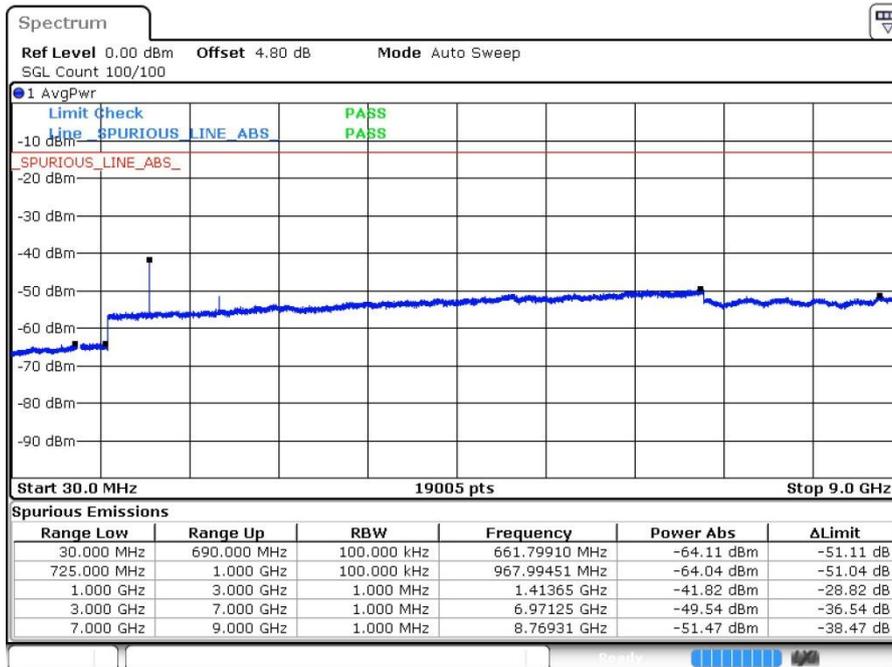


Date: 10.AUG.2021 20:02:05



Date: 10.AUG.2021 20:03:45

Highest Channel / QPSK



Date: 10.AUG.2021 20:04:17



### Frequency Stability

Test Conditions		LTE Band 12 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0016	PASS
40	Normal Voltage	0.0012	
30	Normal Voltage	0.0006	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0009	
0	Normal Voltage	0.0015	
-10	Normal Voltage	0.0008	
-20	Normal Voltage	0.0009	
-30	Normal Voltage	0.0003	
20	Maximum Voltage	0.0011	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0002	

**Note:**

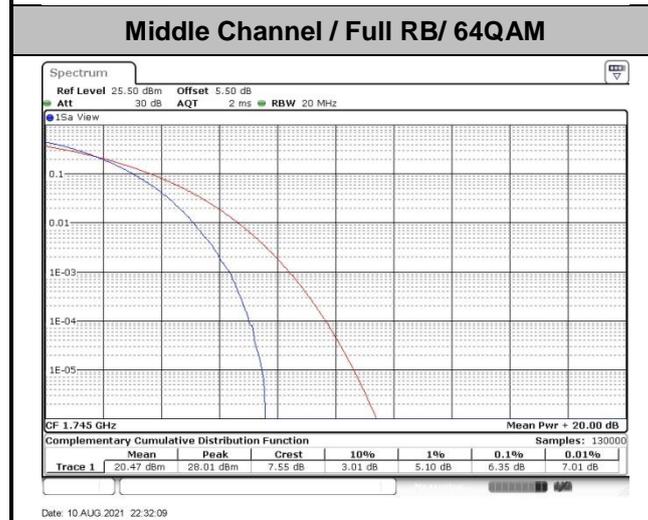
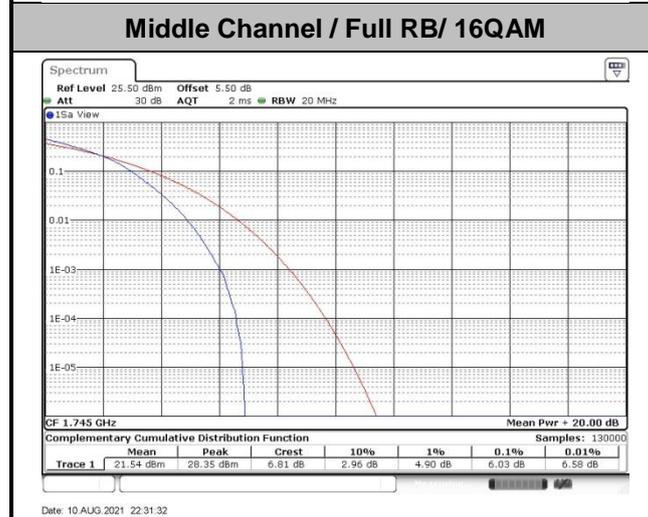
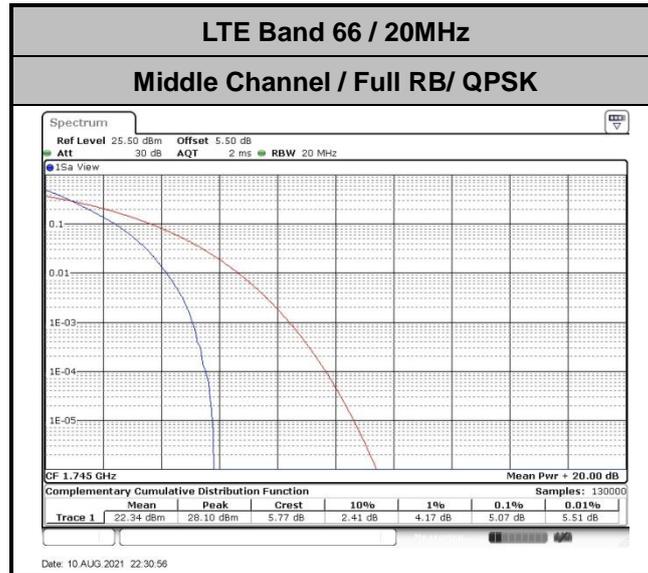
1. Normal Voltage =3.87 V. ; Battery End Point (BEP) =3.6 V. ; Maximum Voltage =4.45 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



## LTE Band 66

### Peak-to-Average Ratio

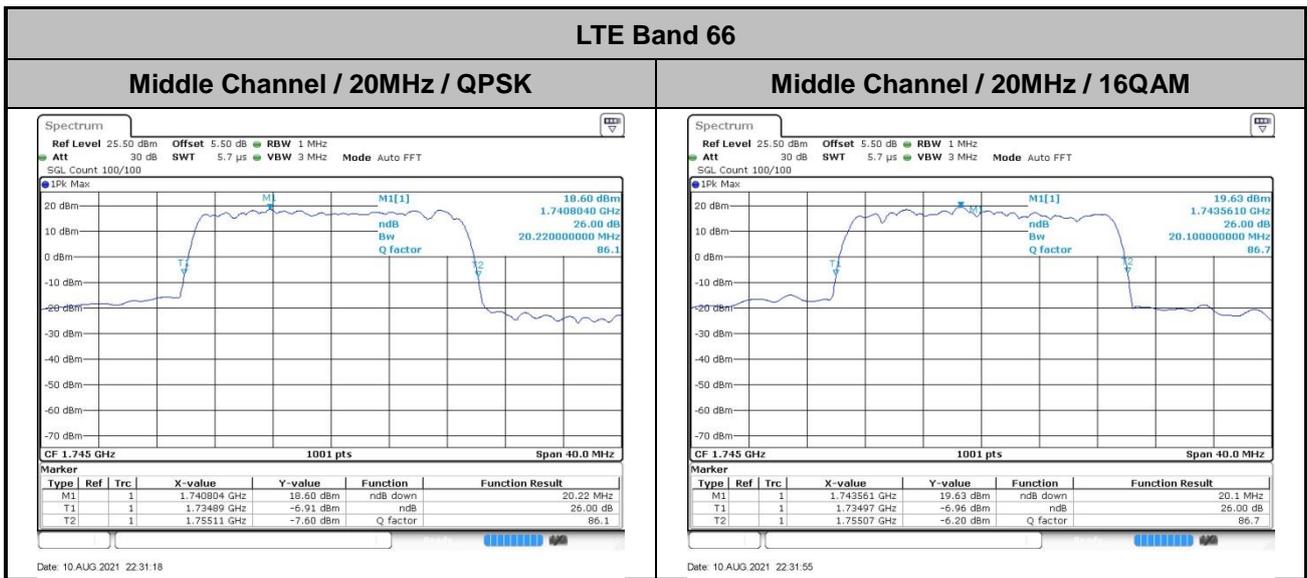
Mode	LTE Band 66 / 20MHz			
Mod.	QPSK	16QAM	64QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Result
Middle CH	5.07	6.03	6.35	<b>PASS</b>





## 26dB Bandwidth

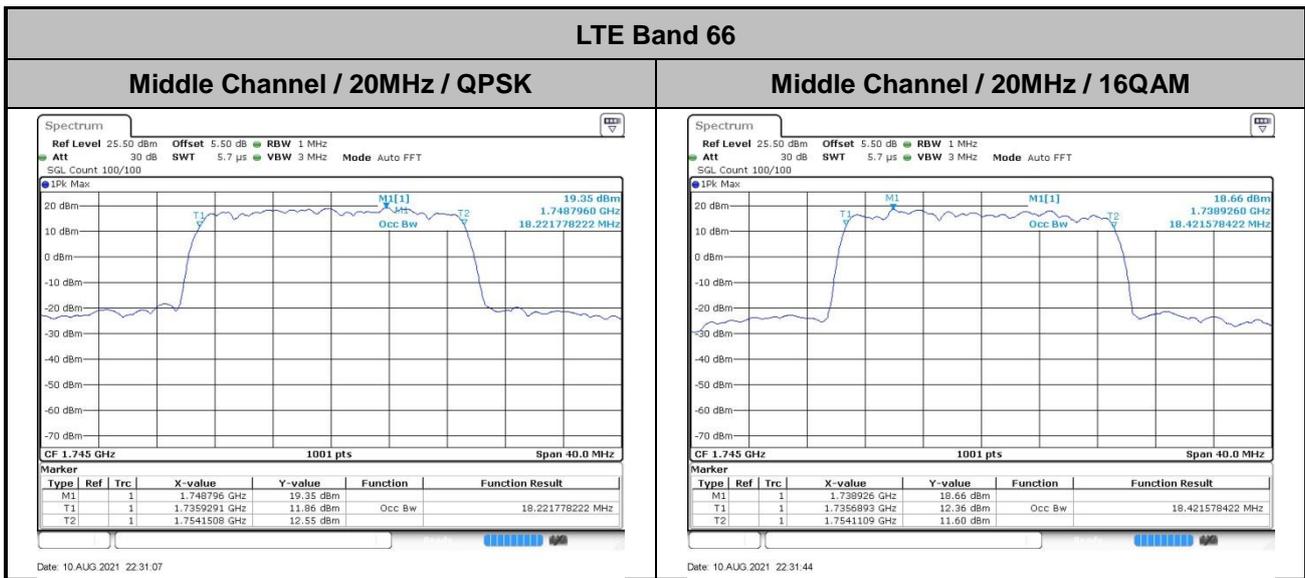
<b>Mode</b>	<b>LTE Band 66 : 26dB BW(MHz)</b>	
<b>BW</b>	<b>20MHz</b>	
<b>Mod.</b>	<b>QPSK</b>	<b>16QAM</b>
<b>Middle CH</b>	20.22	20.10





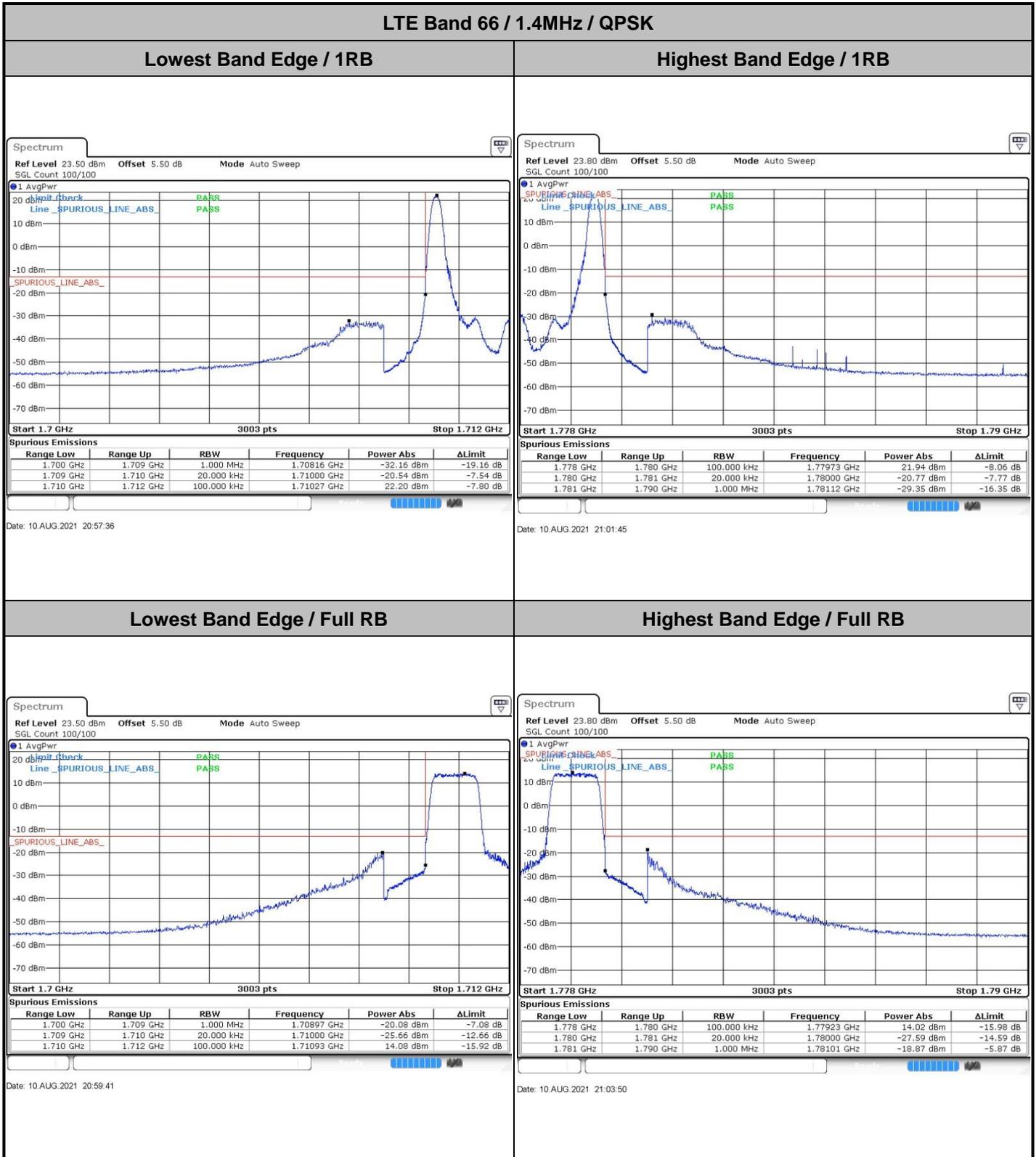
## Occupied Bandwidth

Mode	LTE Band 66 : 99%OBW(MHz)	
BW	20MHz	
Mod.	QPSK	16QAM
Middle CH	18.22	18.42





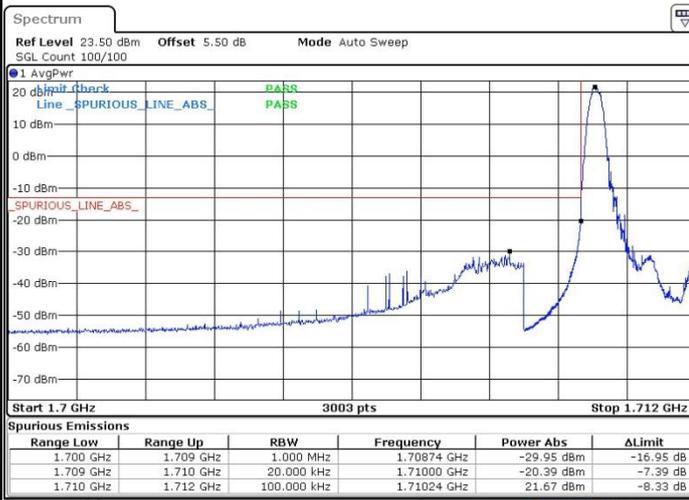
# Conducted Band Edge





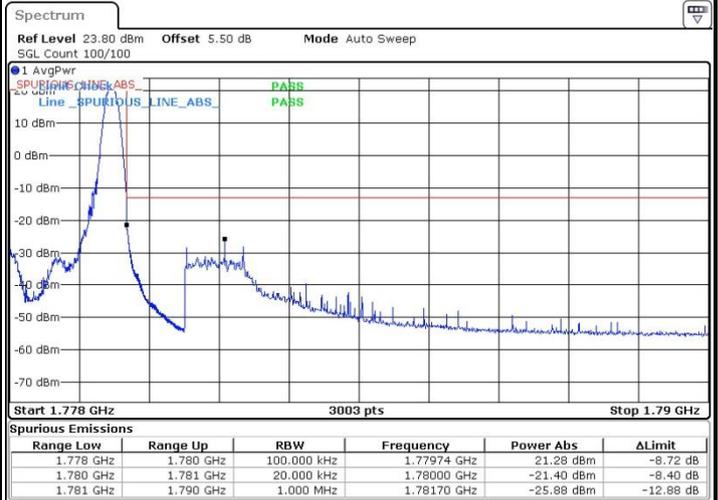
LTE Band 66 / 1.4MHz / 16QAM

Lowest Band Edge / 1 RB



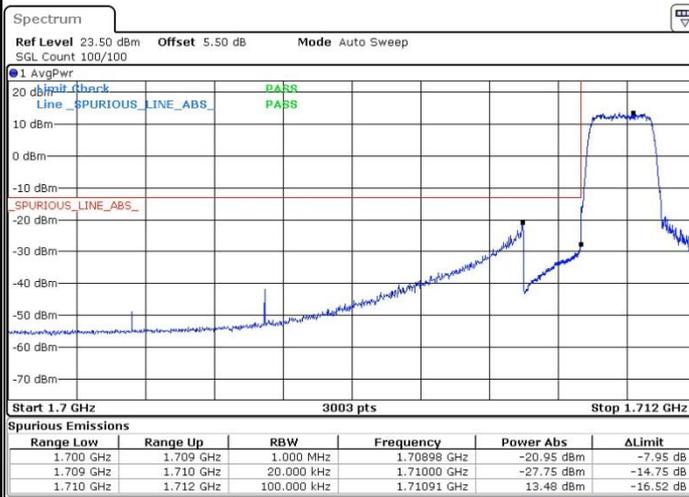
Date: 10 AUG 2021 20:58:39

Highest Band Edge / 1 RB



Date: 10 AUG 2021 21:02:48

Lowest Band Edge / Full RB



Date: 10 AUG 2021 21:00:43

Highest Band Edge / Full RB

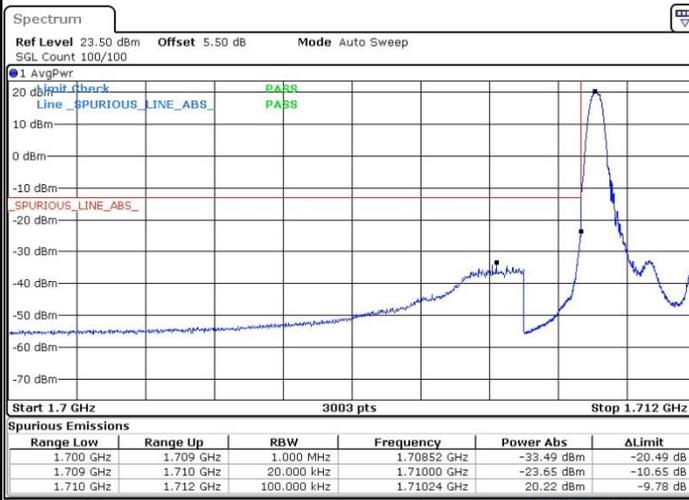


Date: 10 AUG 2021 21:04:52



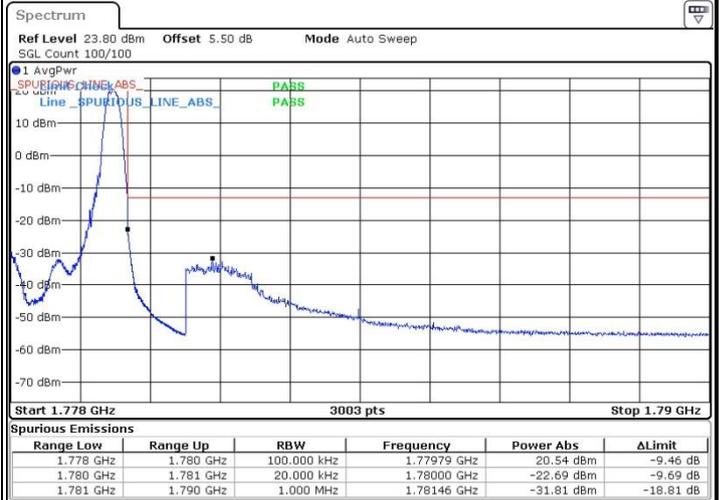
LTE Band 66 / 1.4MHz / 64QAM

Lowest Band Edge / 1 RB



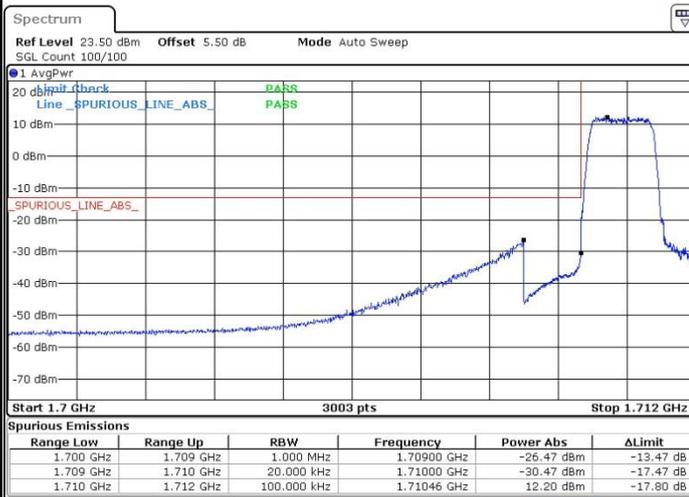
Date: 10 AUG 2021 22:53:32

Highest Band Edge / 1 RB



Date: 10 AUG 2021 21:08:14

Lowest Band Edge / Full RB



Date: 10 AUG 2021 21:07:12

Highest Band Edge / Full RB

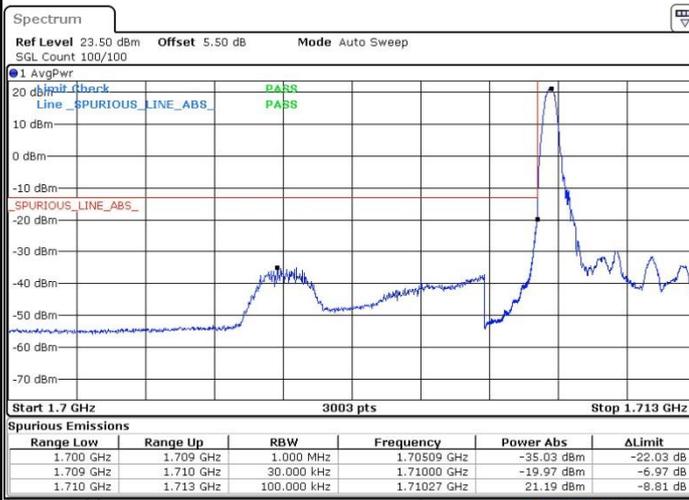


Date: 10 AUG 2021 21:08:16



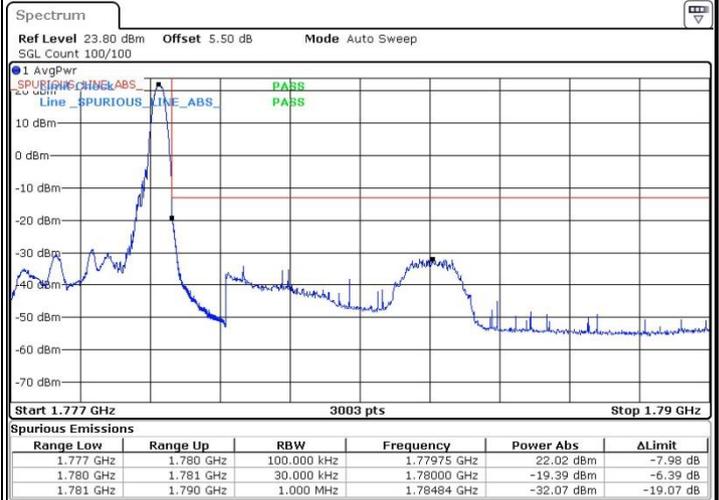
LTE Band 66 / 3MHz / QPSK

Lowest Band Edge / 1RB



Date: 10 AUG 2021 21:10:33

Highest Band Edge / 1 RB



Date: 10 AUG 2021 21:14:29

Lowest Band Edge / Full RB



Date: 10 AUG 2021 21:12:31

Highest Band Edge / Full RB

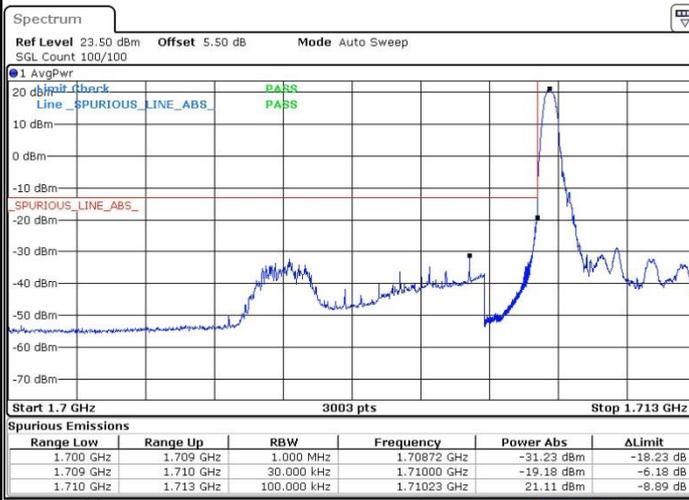


Date: 10 AUG 2021 21:16:27



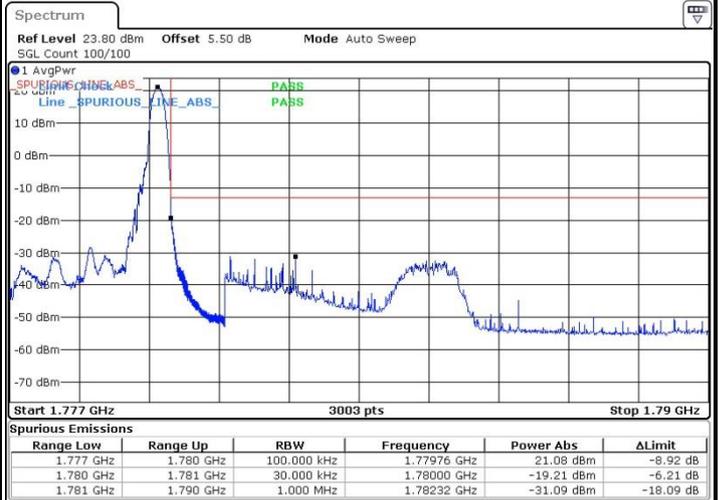
LTE Band 66 / 3MHz / 16QAM

Lowest Band Edge / 1 RB



Date: 10 AUG 2021 21:11:32

Highest Band Edge / 1 RB



Date: 10 AUG 2021 21:15:28

Lowest Band Edge / Full RB



Date: 10 AUG 2021 21:13:30

Highest Band Edge / Full RB

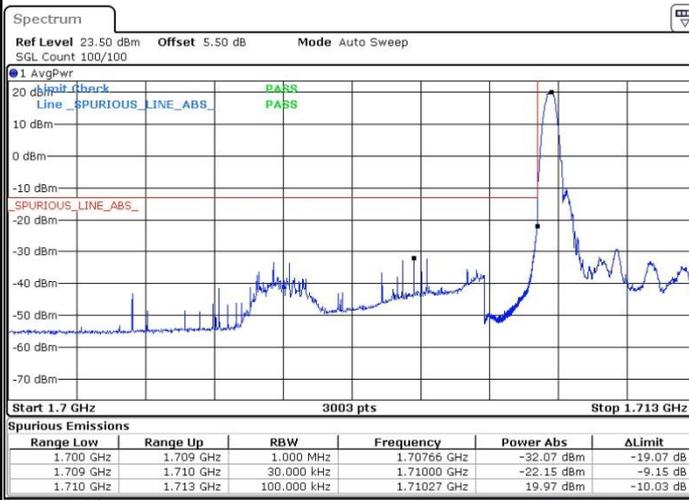


Date: 10 AUG 2021 21:17:26



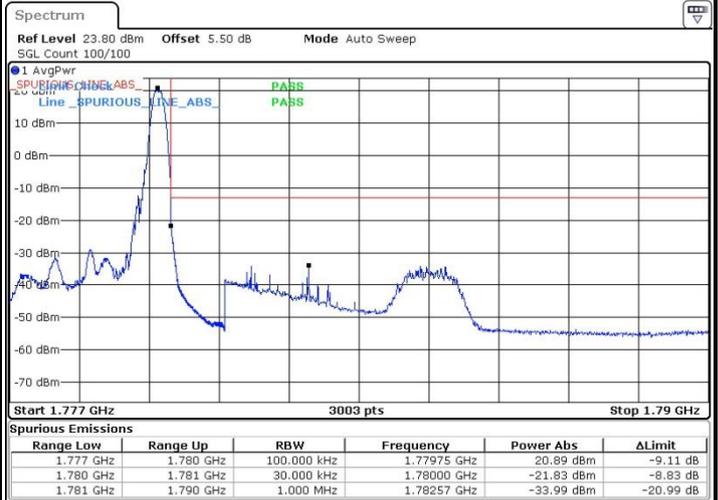
LTE Band 66 / 3MHz / 64QAM

Lowest Band Edge / 1 RB



Date: 10 AUG 2021 22:48:35

Highest Band Edge / 1 RB



Date: 10 AUG 2021 21:20:35

Lowest Band Edge / Full RB



Date: 10 AUG 2021 21:19:36

Highest Band Edge / Full RB

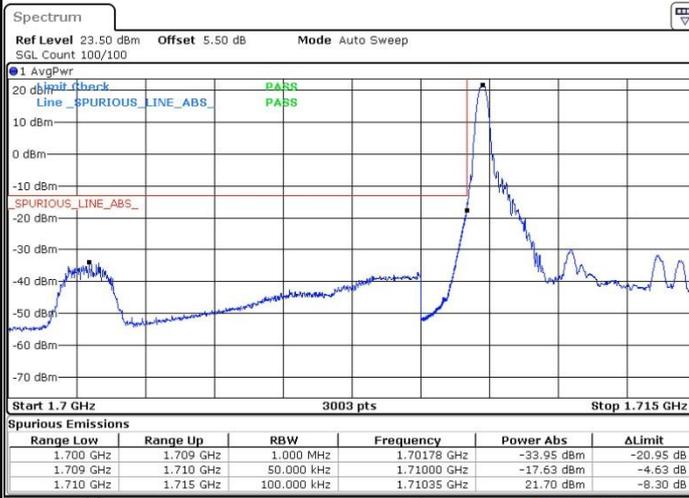


Date: 10 AUG 2021 21:21:34



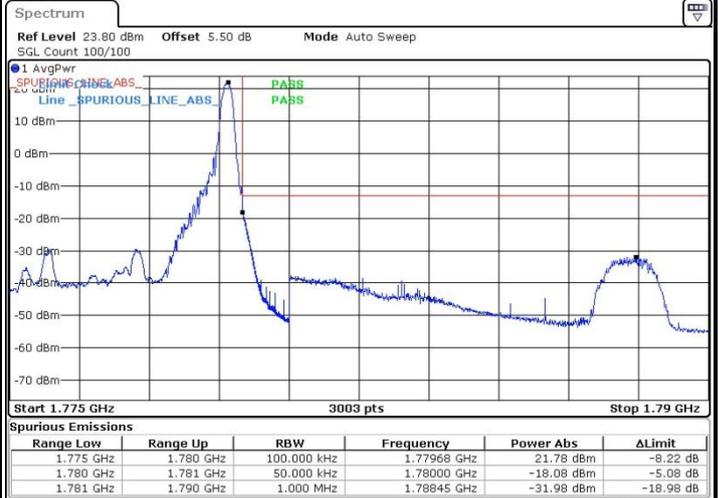
LTE Band 66 / 5MHz / QPSK

Lowest Band Edge / 1 RB



Date: 10 AUG 2021 22:45:37

Highest Band Edge / 1 RB



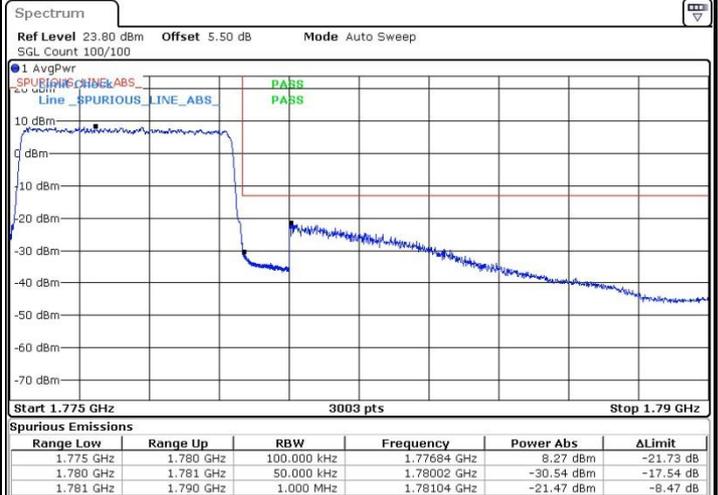
Date: 10 AUG 2021 21:30:12

Lowest Band Edge / Full RB



Date: 10 AUG 2021 21:28:13

Highest Band Edge / Full RB

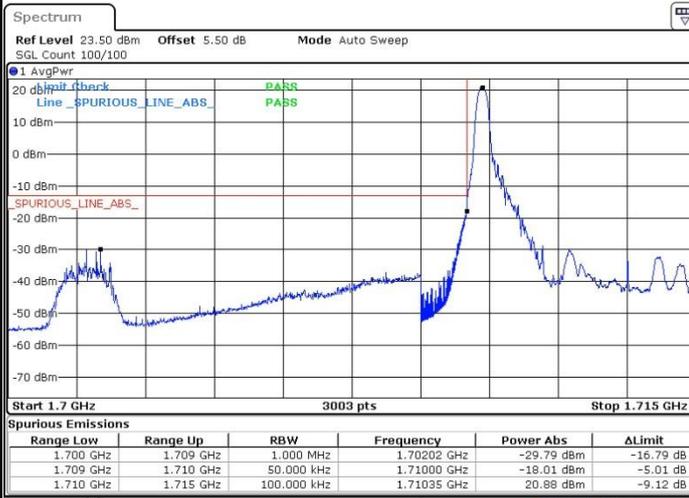


Date: 10 AUG 2021 21:32:10



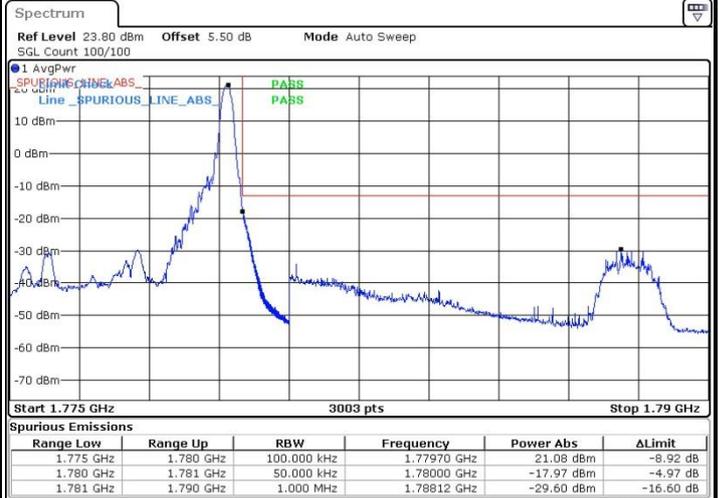
LTE Band 66 / 5MHz / 16QAM

Lowest Band Edge / 1RB



Date: 10 AUG 2021 22:46:11

Highest Band Edge / 1 RB



Date: 10 AUG 2021 21:31:11

Lowest Band Edge / Full RB



Date: 10 AUG 2021 21:29:12

Highest Band Edge / Full RB

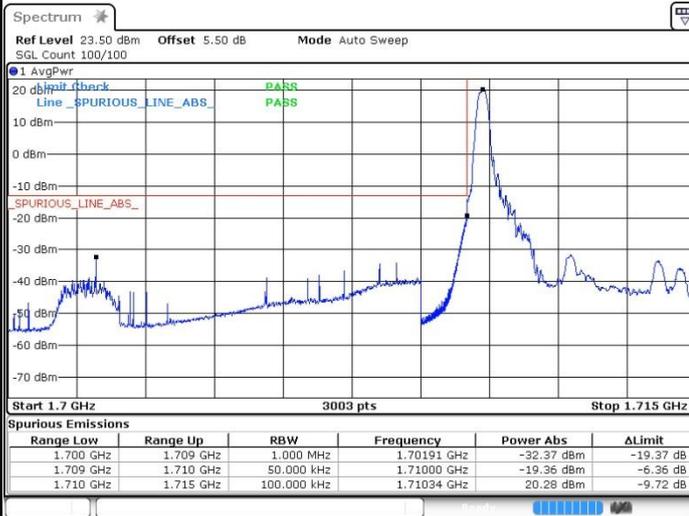


Date: 10 AUG 2021 21:33:08



LTE Band 66 / 5MHz / 64QAM

Lowest Band Edge / 1RB



Date: 10 AUG 2021 21:22:56

Highest Band Edge / 1 RB



Date: 10 AUG 2021 21:24:58

Lowest Band Edge / Full RB



Date: 10 AUG 2021 21:23:59

Highest Band Edge / Full RB

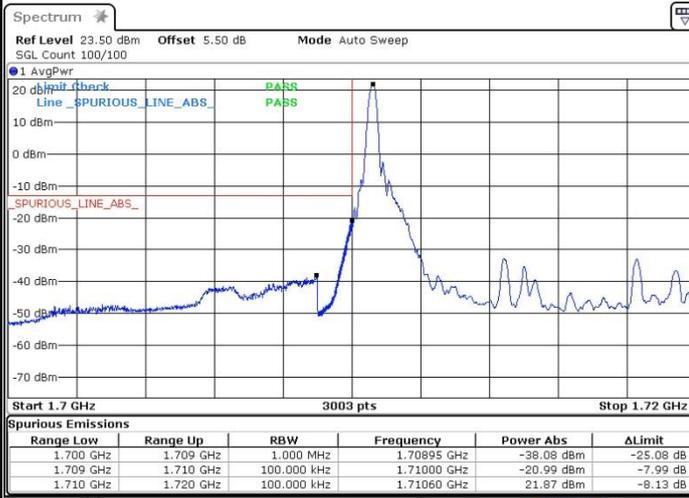


Date: 10 AUG 2021 21:25:57



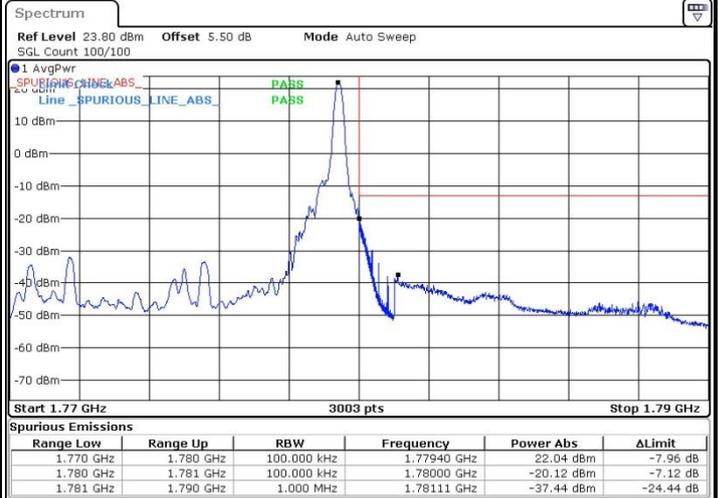
LTE Band 66 / 10MHz / QPSK

Lowest Band Edge / 1 RB



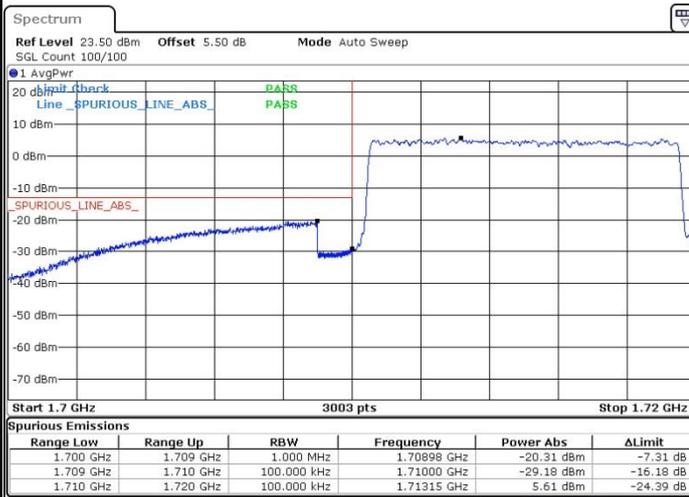
Date: 10 AUG 2021 21:34:30

Highest Band Edge / 1 RB



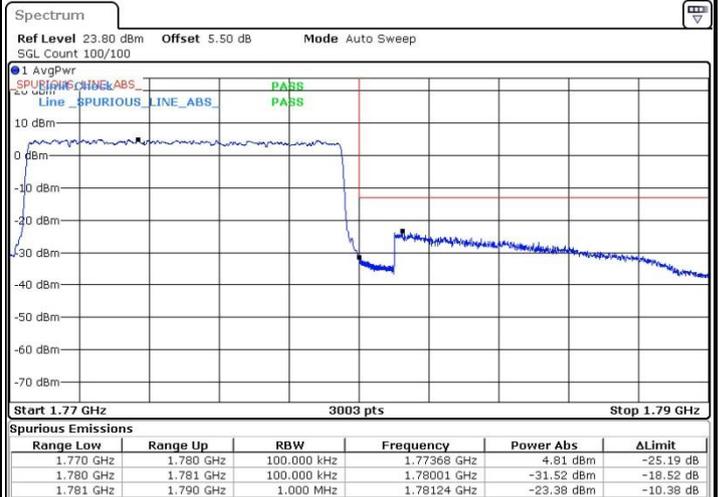
Date: 10 AUG 2021 21:38:26

Lowest Band Edge / Full RB



Date: 10 AUG 2021 21:36:29

Highest Band Edge / Full RB



Date: 10 AUG 2021 21:40:24