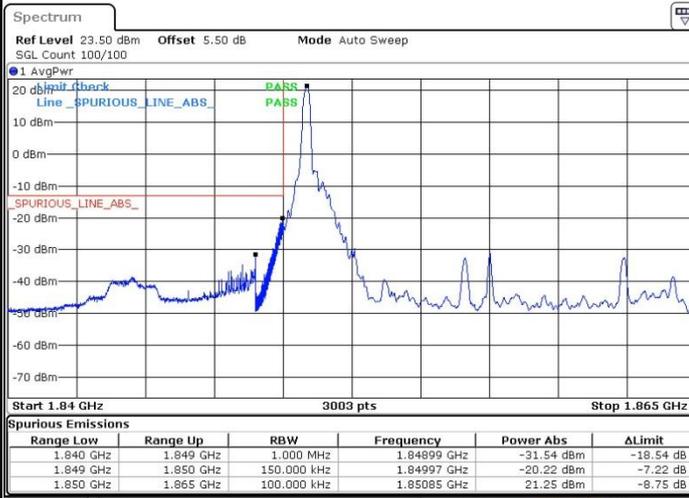




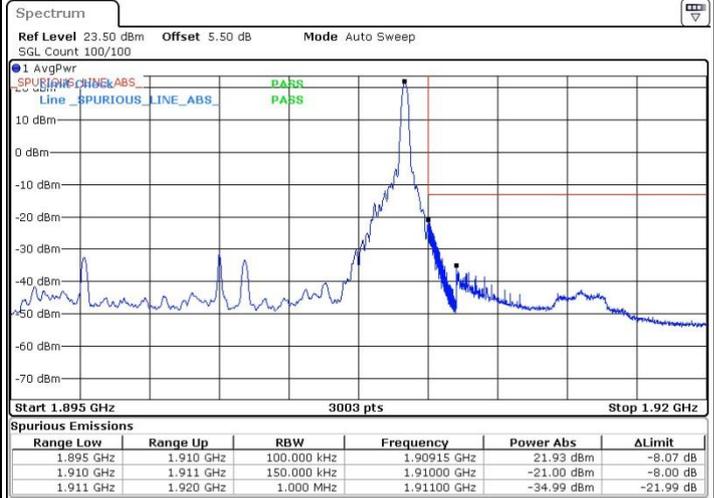
LTE Band 2 / 15MHz / 16QAM

Lowest Band Edge / 1 RB



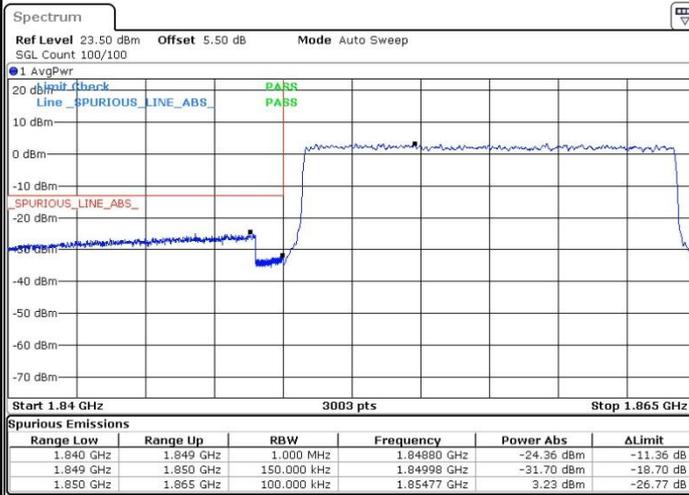
Date: 10 AUG 2021 17:57:16

Highest Band Edge / 1 RB



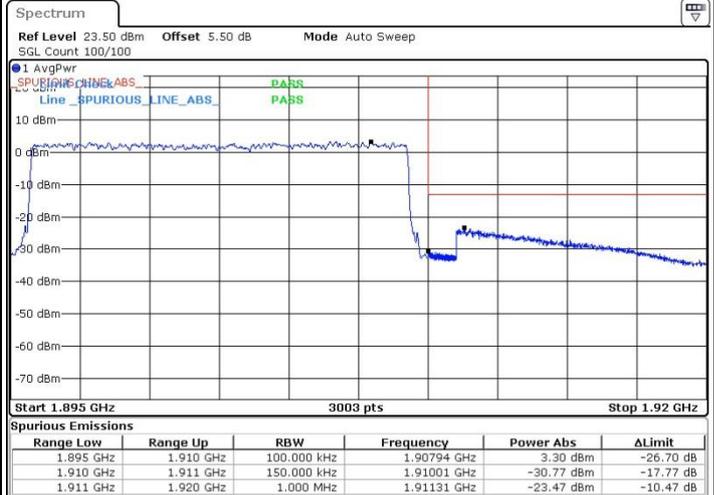
Date: 10 AUG 2021 18:01:35

Lowest Band Edge / Full RB



Date: 10 AUG 2021 17:58:30

Highest Band Edge / Full RB

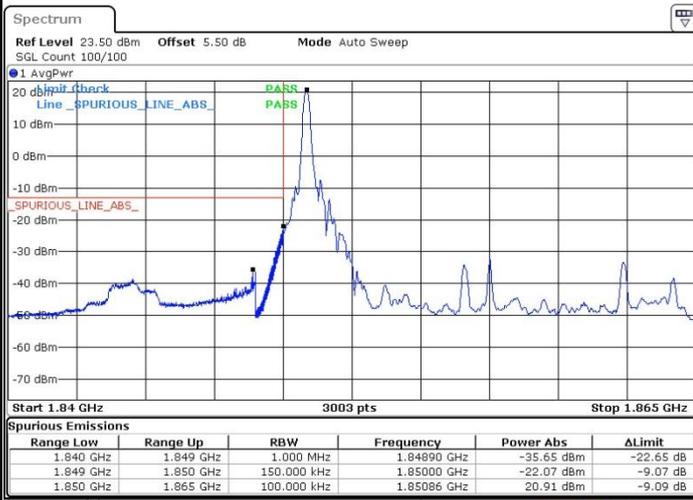


Date: 10 AUG 2021 18:00:41



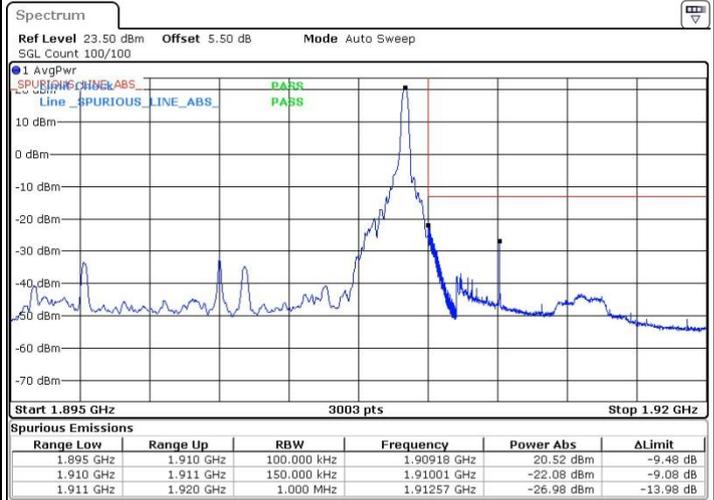
LTE Band 2 / 15MHz / 64QAM

Lowest Band Edge / 1 RB



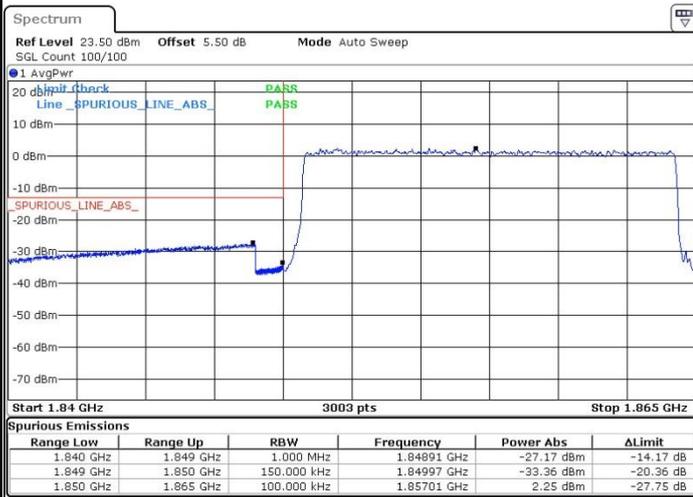
Date: 10 AUG 2021 17:56:27

Highest Band Edge / 1 RB



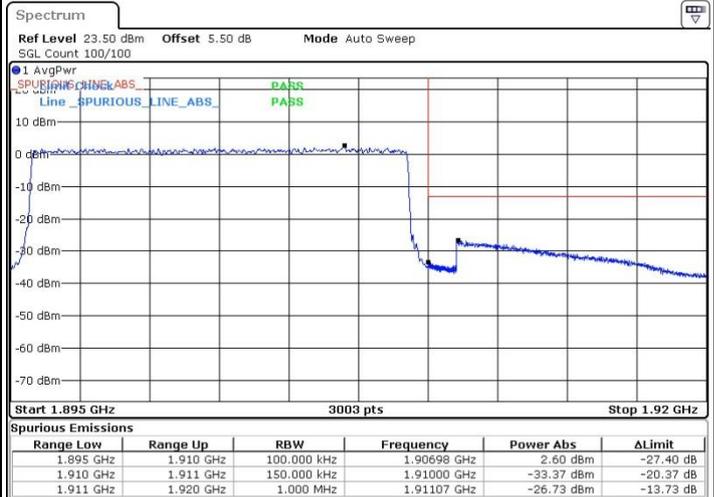
Date: 10 AUG 2021 18:01:17

Lowest Band Edge / Full RB



Date: 10 AUG 2021 17:58:48

Highest Band Edge / Full RB

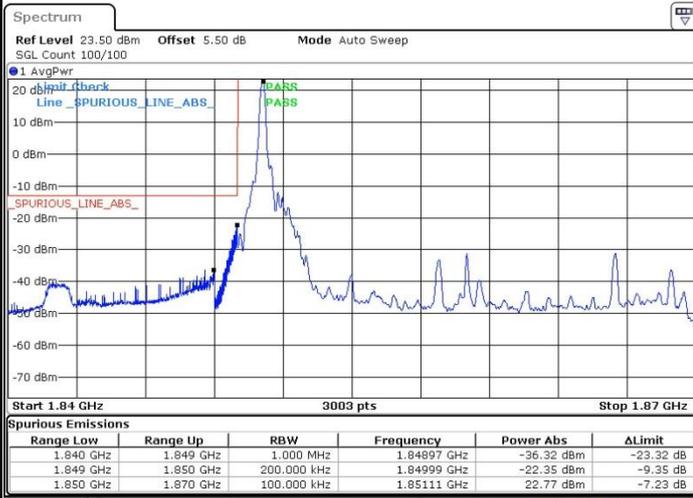


Date: 10 AUG 2021 18:00:59



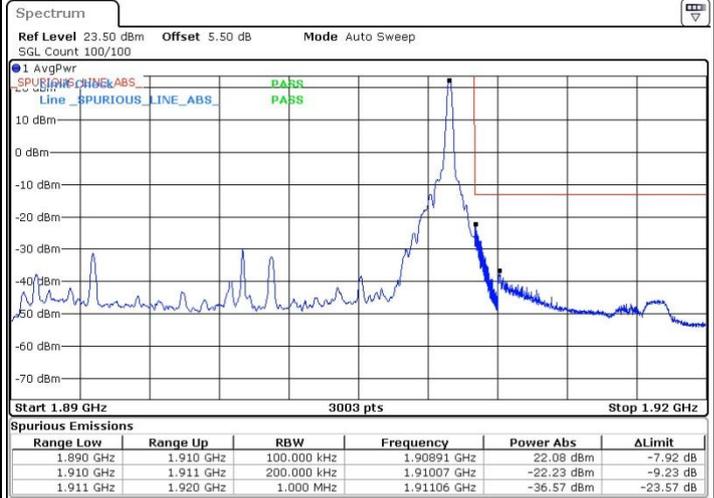
LTE Band 2 / 20MHz / QPSK

Lowest Band Edge / 1 RB



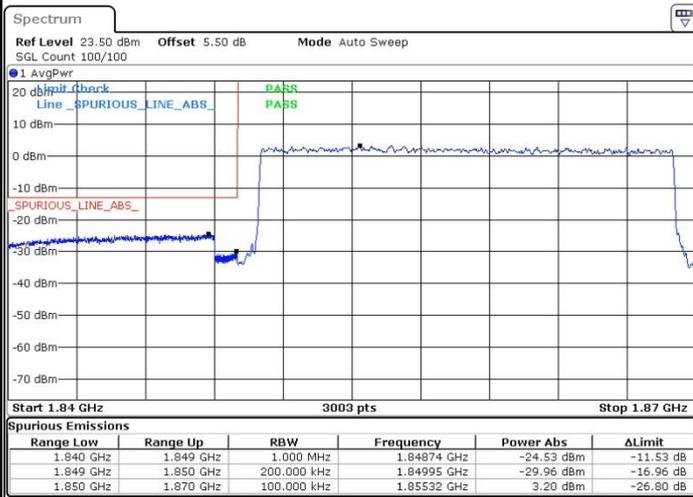
Date: 10 AUG 2021 18:05:21

Highest Band Edge / 1 RB



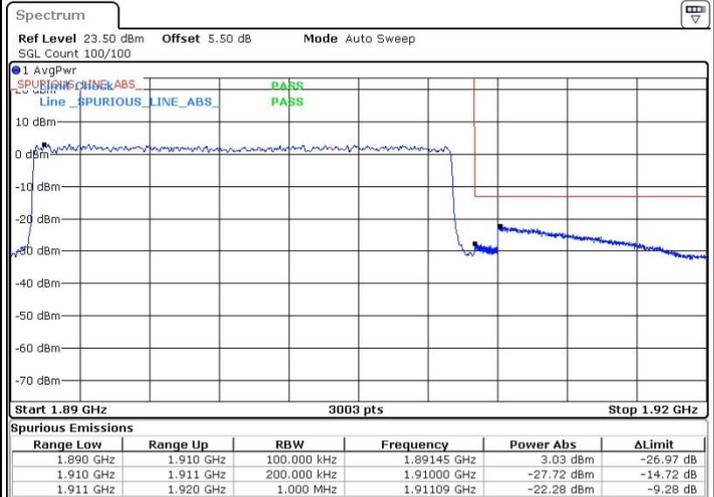
Date: 10 AUG 2021 18:05:42

Lowest Band Edge / Full RB



Date: 10 AUG 2021 18:03:49

Highest Band Edge / Full RB

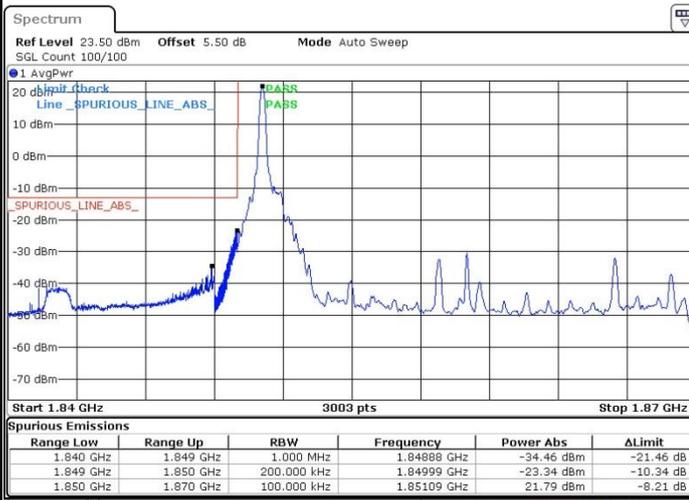


Date: 10 AUG 2021 18:07:49



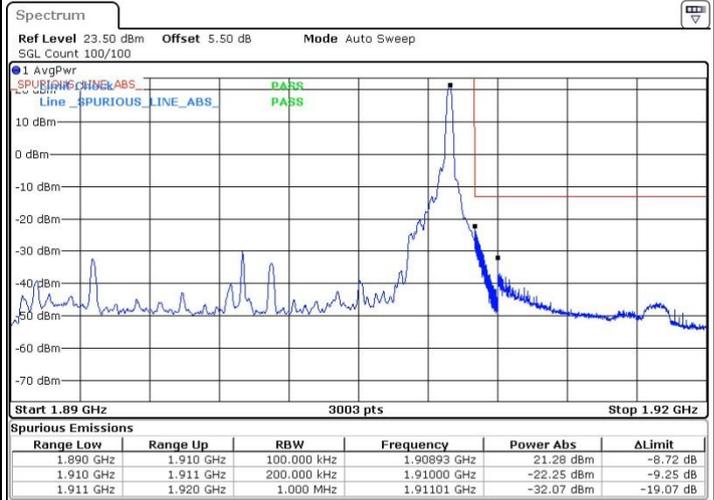
LTE Band 2 / 20MHz / 16QAM

Lowest Band Edge / 1 RB



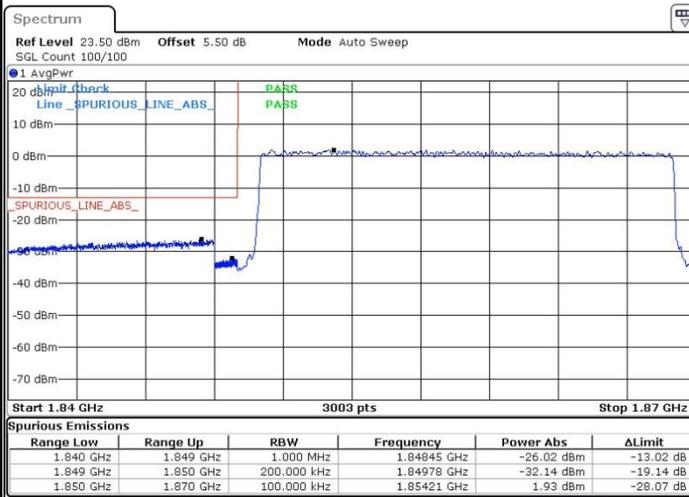
Date: 10 AUG 2021 18:05:04

Highest Band Edge / 1 RB



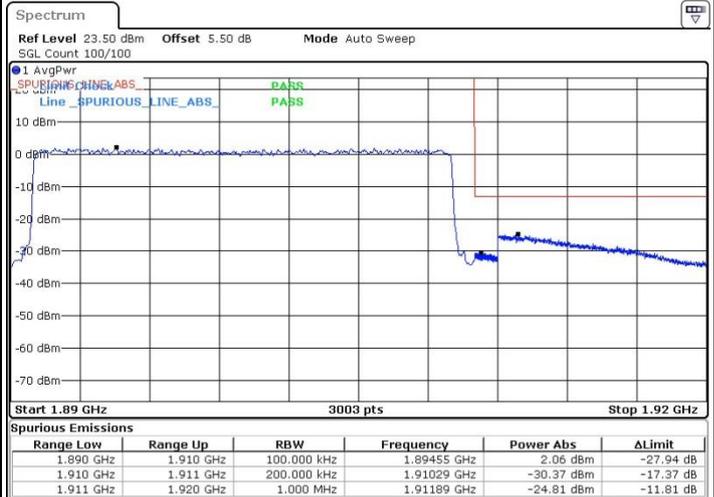
Date: 10 AUG 2021 18:06:08

Lowest Band Edge / Full RB



Date: 10 AUG 2021 18:04:05

Highest Band Edge / Full RB

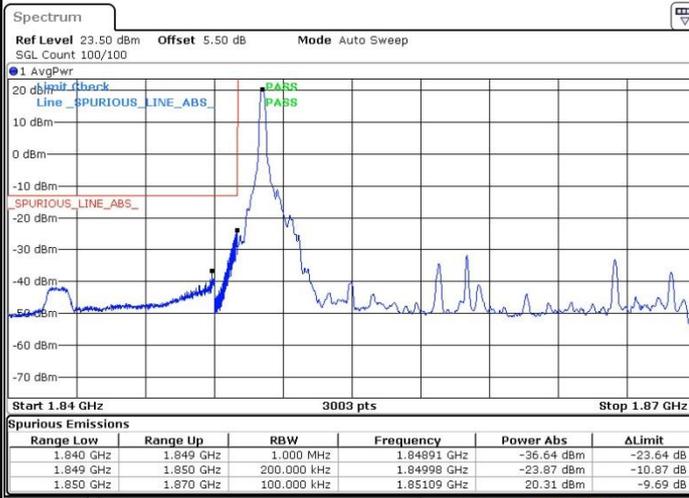


Date: 10 AUG 2021 18:07:20



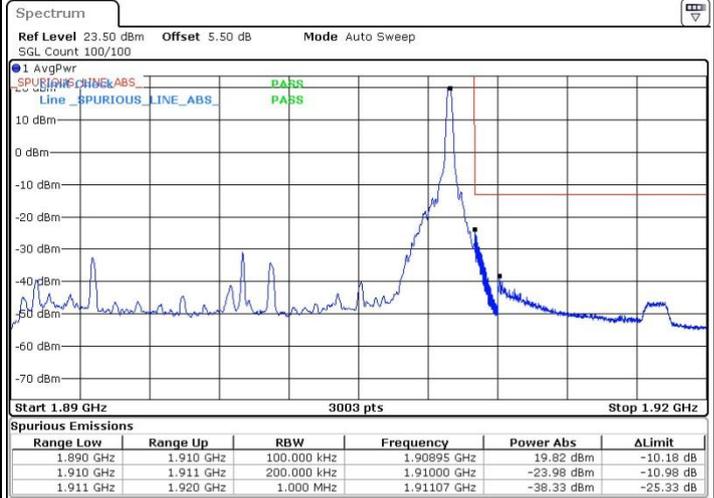
LTE Band 2 / 20MHz / 64QAM

Lowest Band Edge / 1 RB



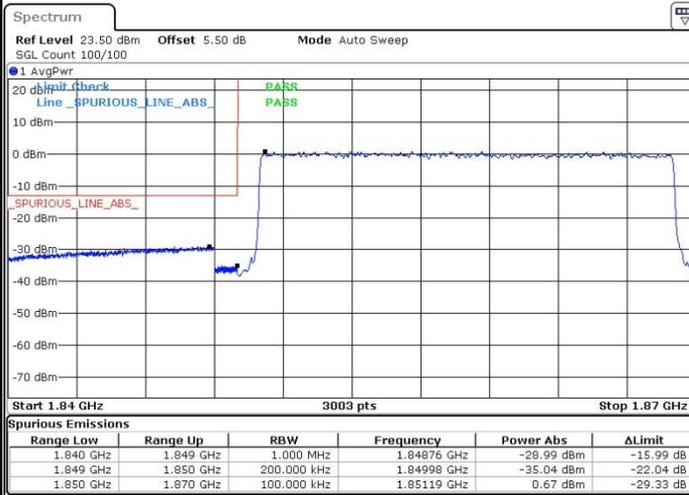
Date: 10 AUG 2021 18:04:46

Highest Band Edge / 1 RB



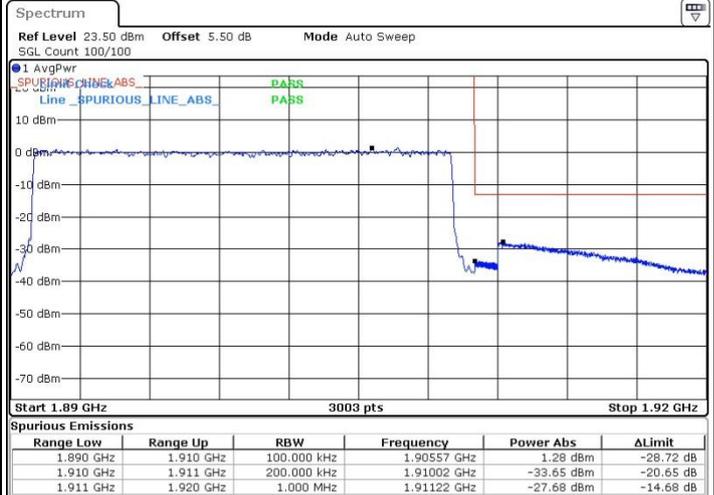
Date: 10 AUG 2021 18:06:27

Lowest Band Edge / Full RB



Date: 10 AUG 2021 18:04:27

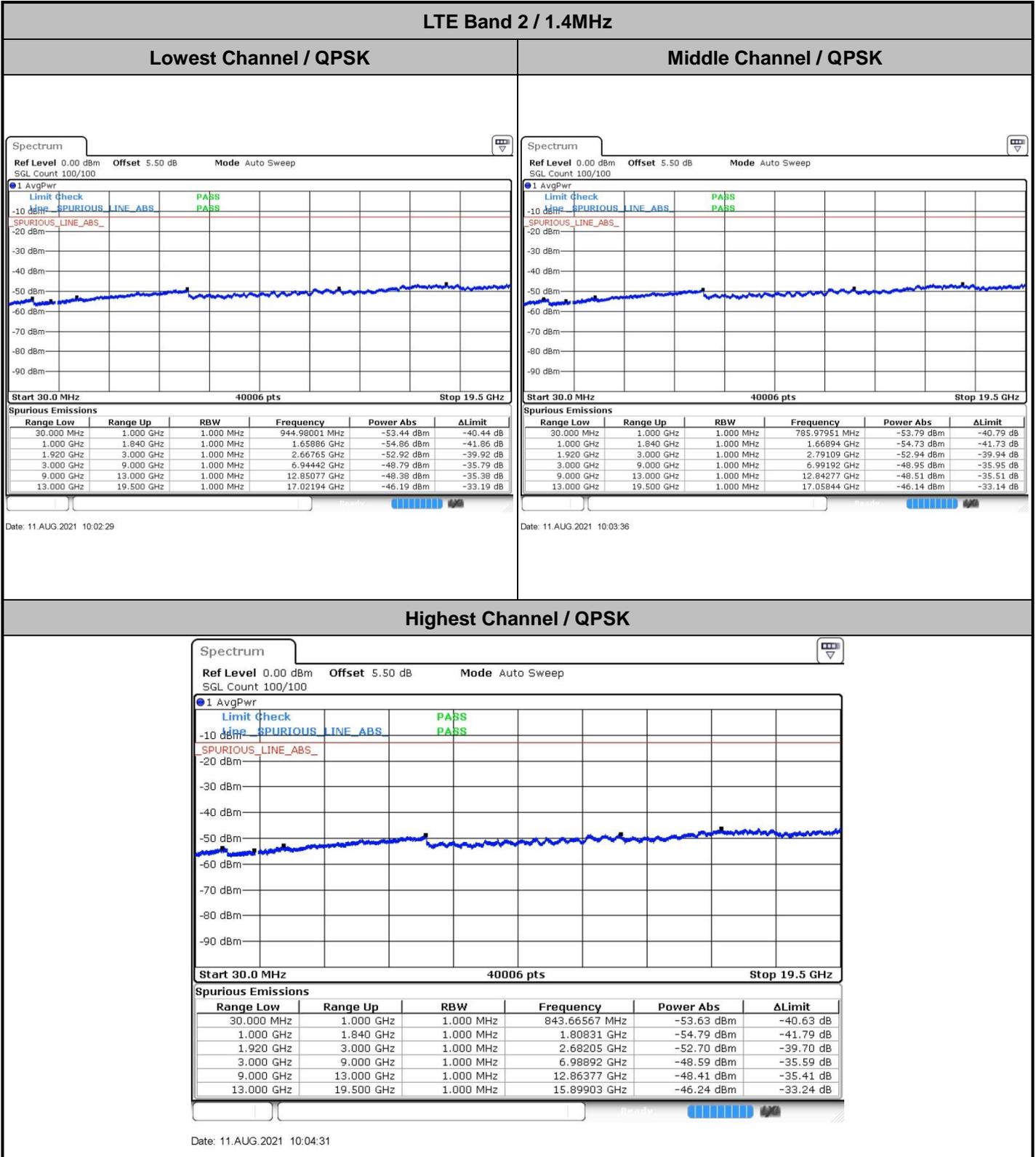
Highest Band Edge / Full RB



Date: 10 AUG 2021 18:06:45



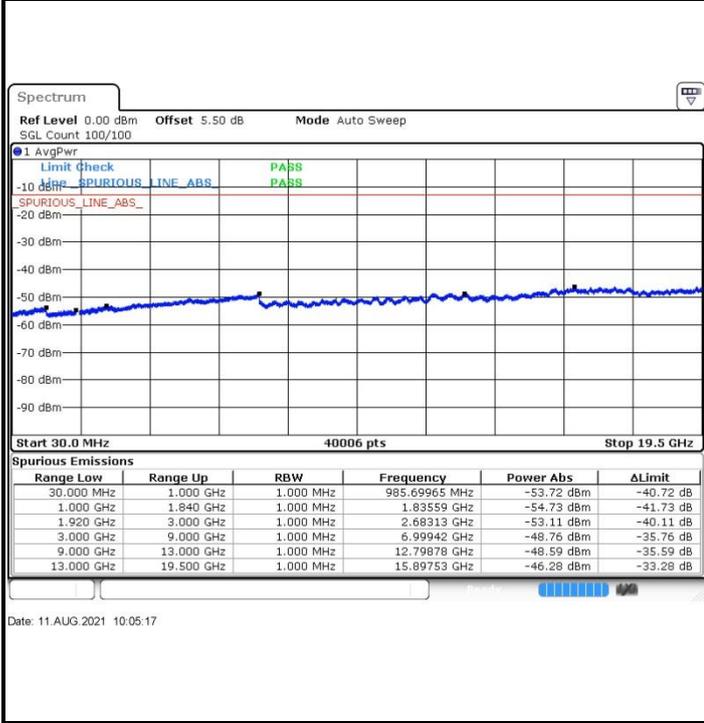
Conducted Spurious Emission



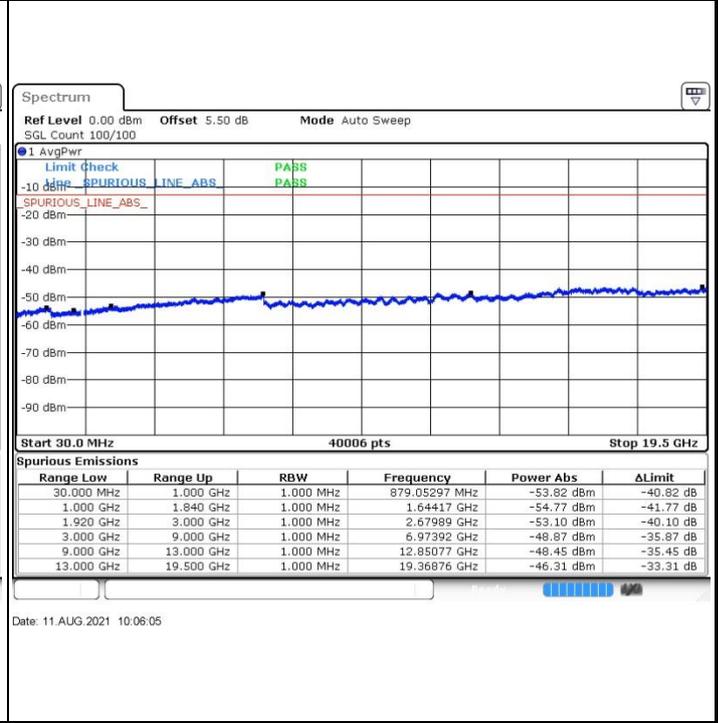


LTE Band 2 / 3MHz

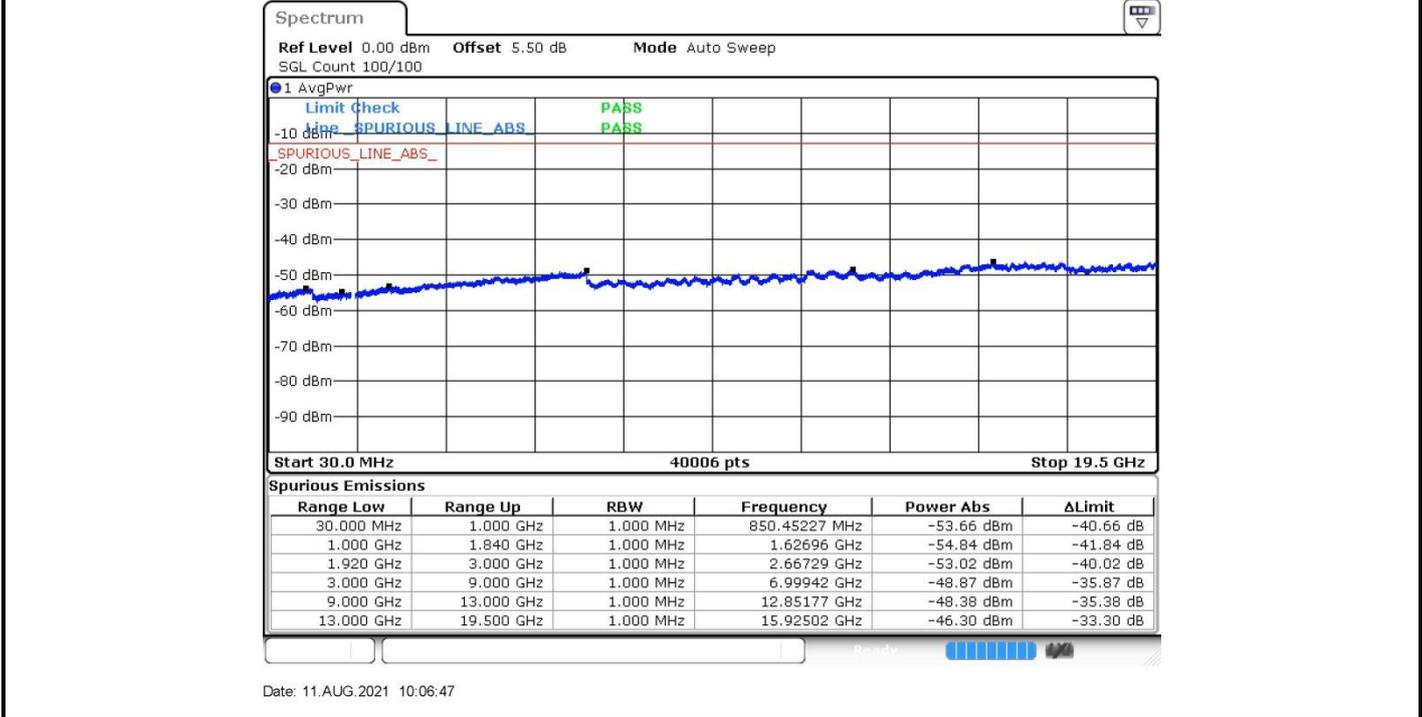
Lowest Channel / QPSK



Middle Channel / QPSK



Highest Channel / QPSK

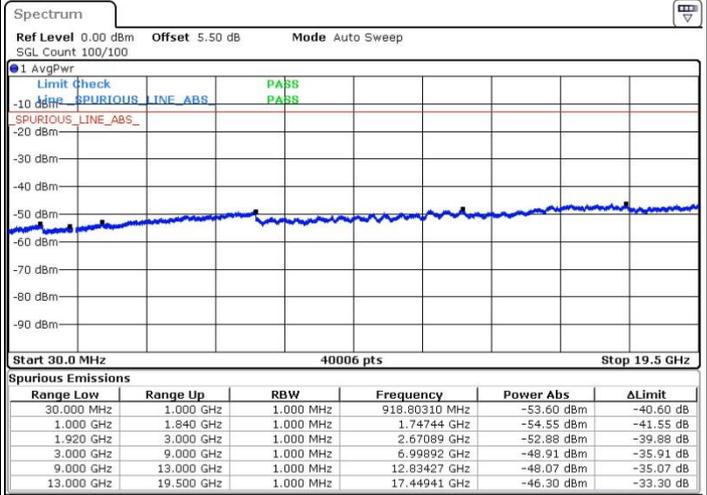
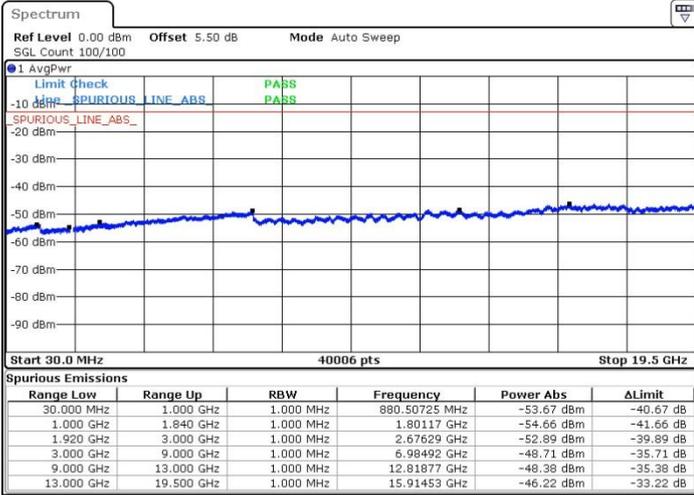




LTE Band 2 / 5MHz

Lowest Channel / QPSK

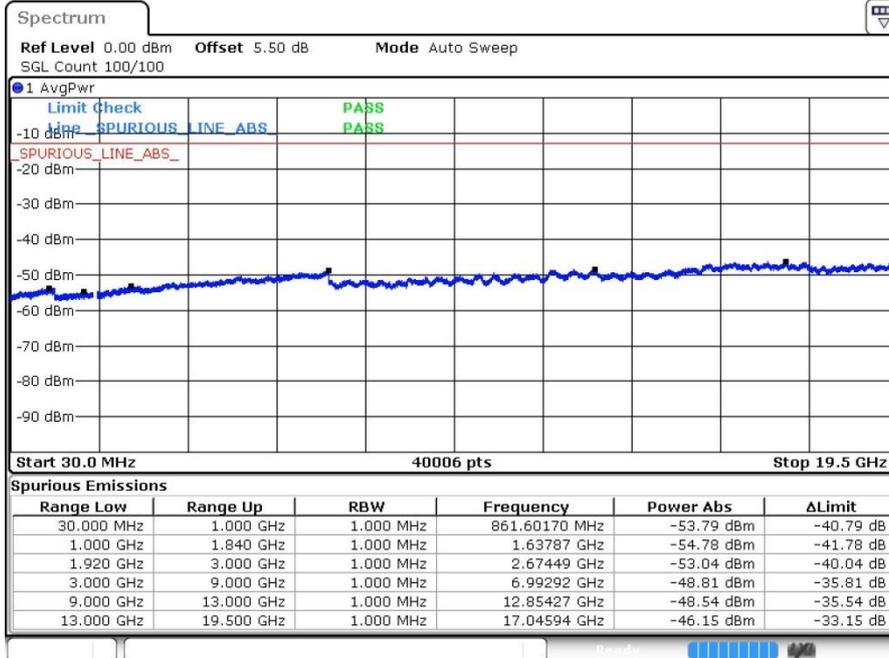
Middle Channel / QPSK



Date: 11.AUG.2021 10:07:30

Date: 11.AUG.2021 10:08:12

Highest Channel / QPSK



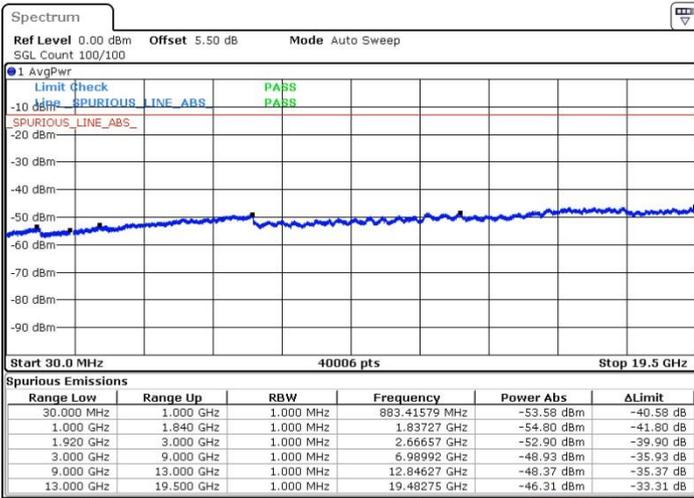
Date: 11.AUG.2021 10:09:02



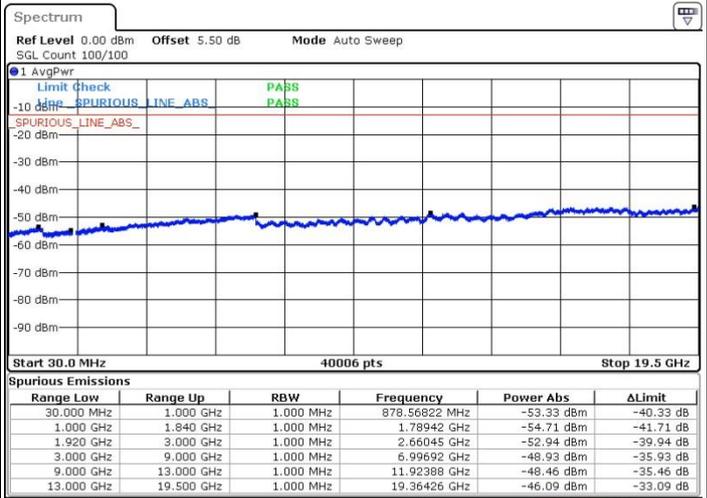
LTE Band 2 / 10MHz

Lowest Channel / QPSK

Middle Channel / QPSK

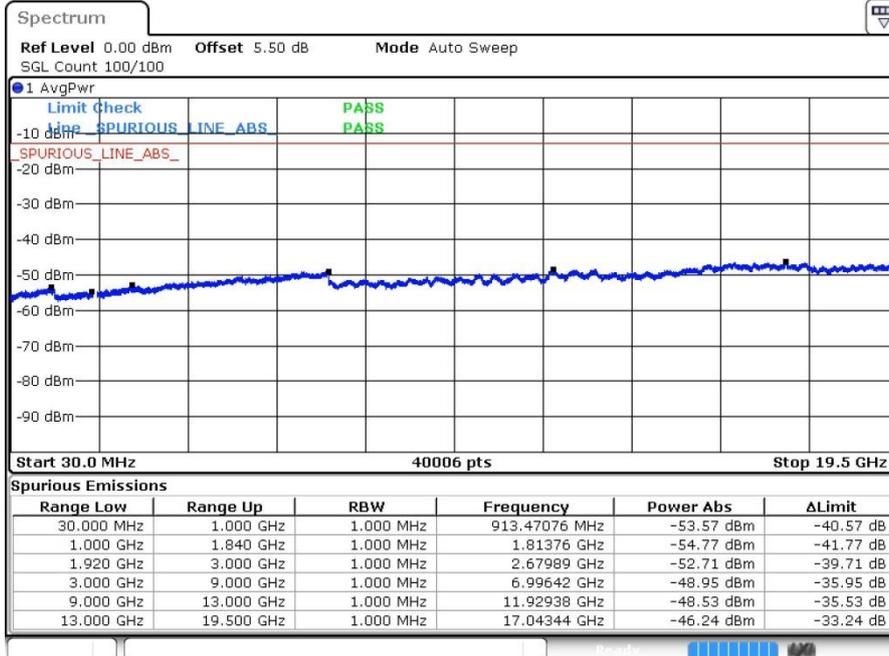


Date: 11.AUG.2021 10:09:48



Date: 11.AUG.2021 10:10:32

Highest Channel / QPSK



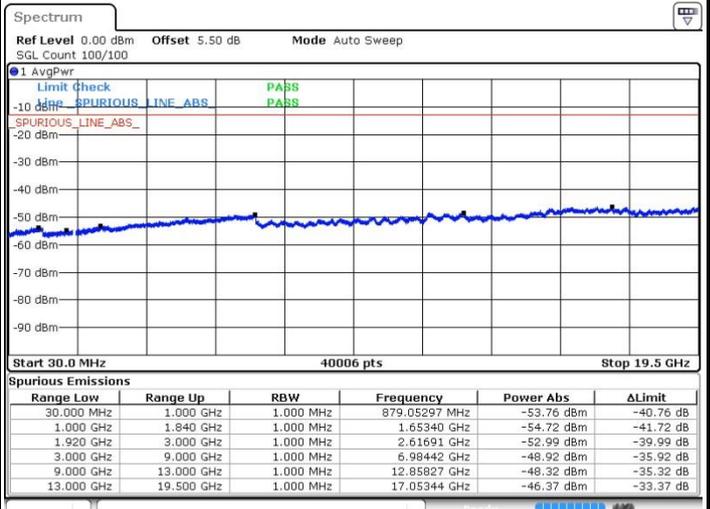
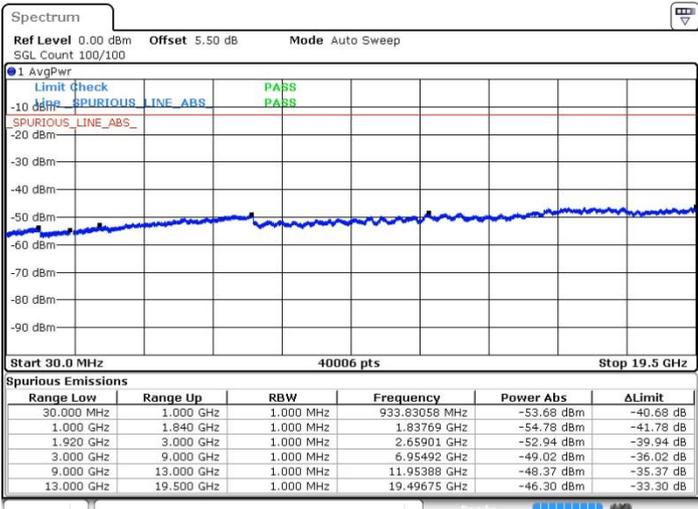
Date: 11.AUG.2021 10:11:29



LTE Band 2 / 15MHz

Lowest Channel / QPSK

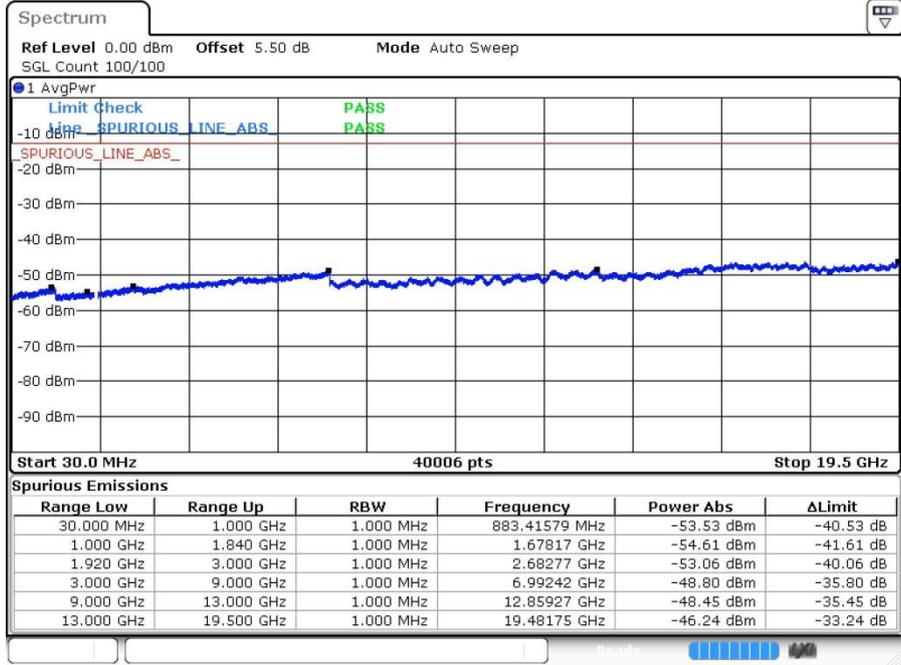
Middle Channel / QPSK



Date: 11.AUG.2021 10:12:24

Date: 11.AUG.2021 10:13:06

Highest Channel / QPSK



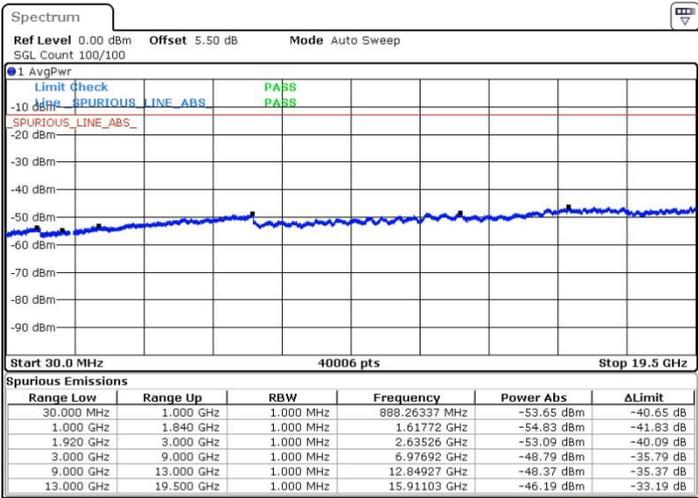
Date: 11.AUG.2021 10:13:52



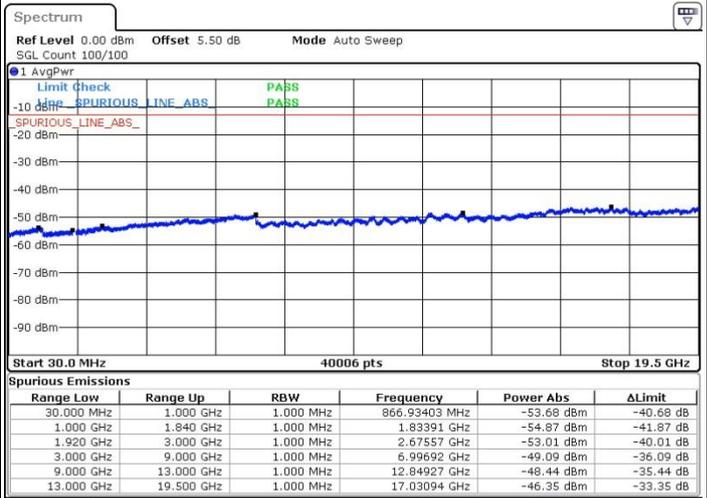
LTE Band 2 / 20MHz

Lowest Channel / QPSK

Middle Channel / QPSK

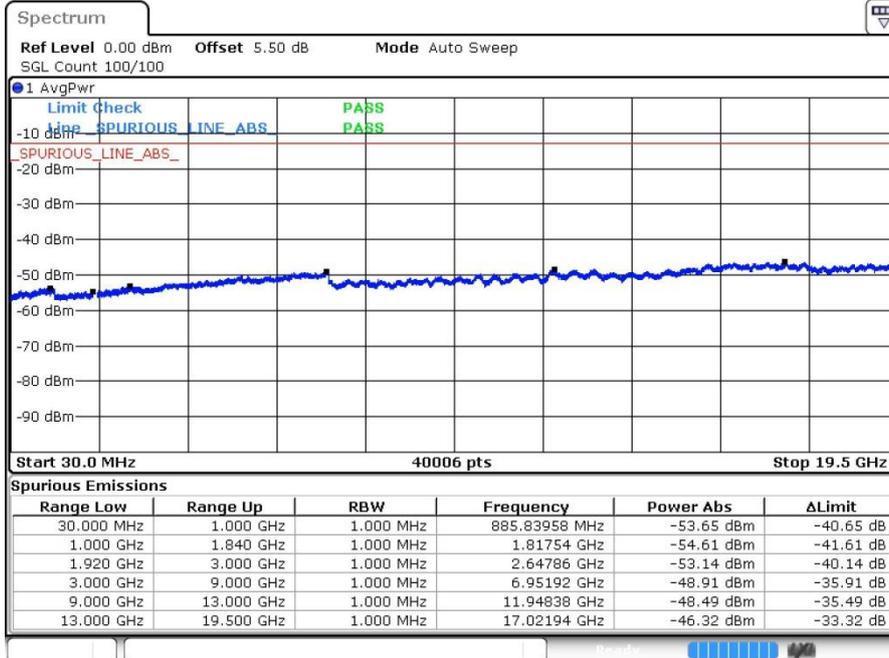


Date: 11.AUG.2021 10:14:39



Date: 11.AUG.2021 10:15:36

Highest Channel / QPSK



Date: 11.AUG.2021 10:16:20



Frequency Stability

Test Conditions		LTE Band 2 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 20MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0006	PASS
40	Normal Voltage	0.0004	
30	Normal Voltage	0.0015	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0005	
0	Normal Voltage	0.0017	
-10	Normal Voltage	0.0021	
-20	Normal Voltage	0.0001	
-30	Normal Voltage	0.0022	
20	Maximum Voltage	0.0003	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0016	

Note:

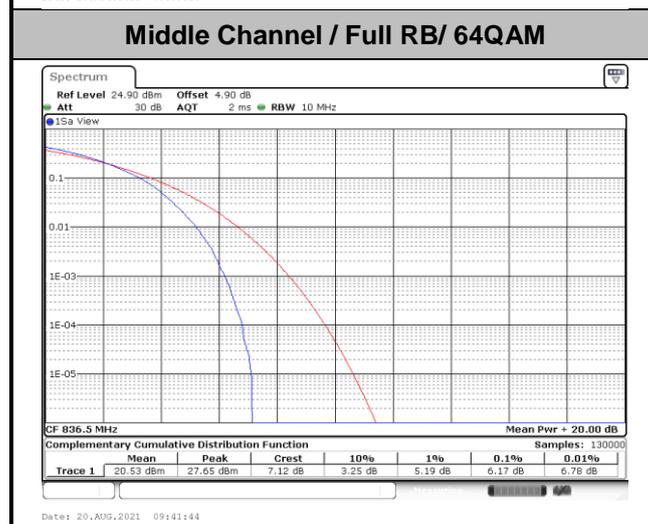
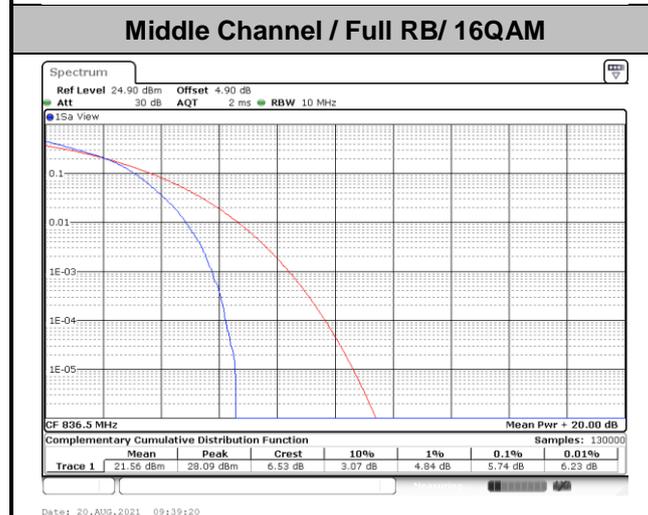
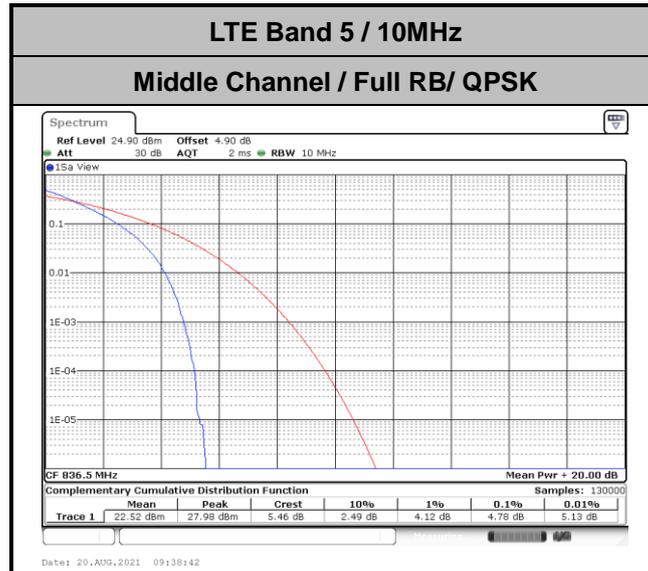
1. Normal Voltage =3.87 V. ; Battery End Point (BEP) =3.6 V. ; Maximum Voltage =4.45 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



LTE Band 5

Peak-to-Average Ratio

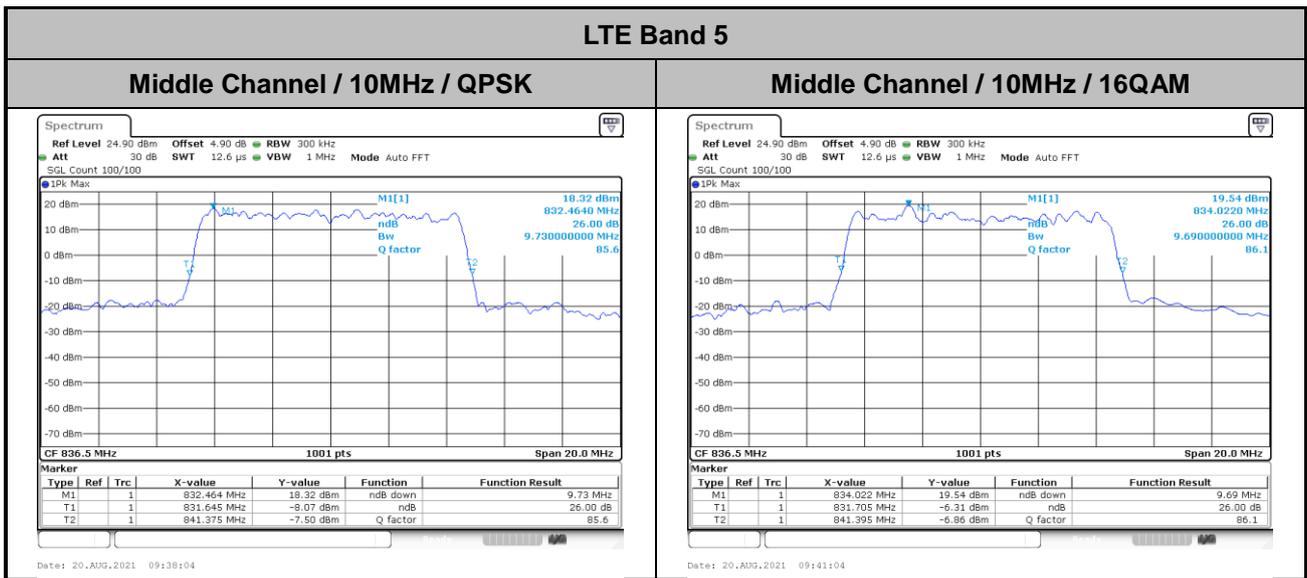
Mode	LTE Band 5 / 10MHz			
Mod.	QPSK	16QAM	64QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Result
Middle CH	4.78	5.74	6.17	PASS





26dB Bandwidth

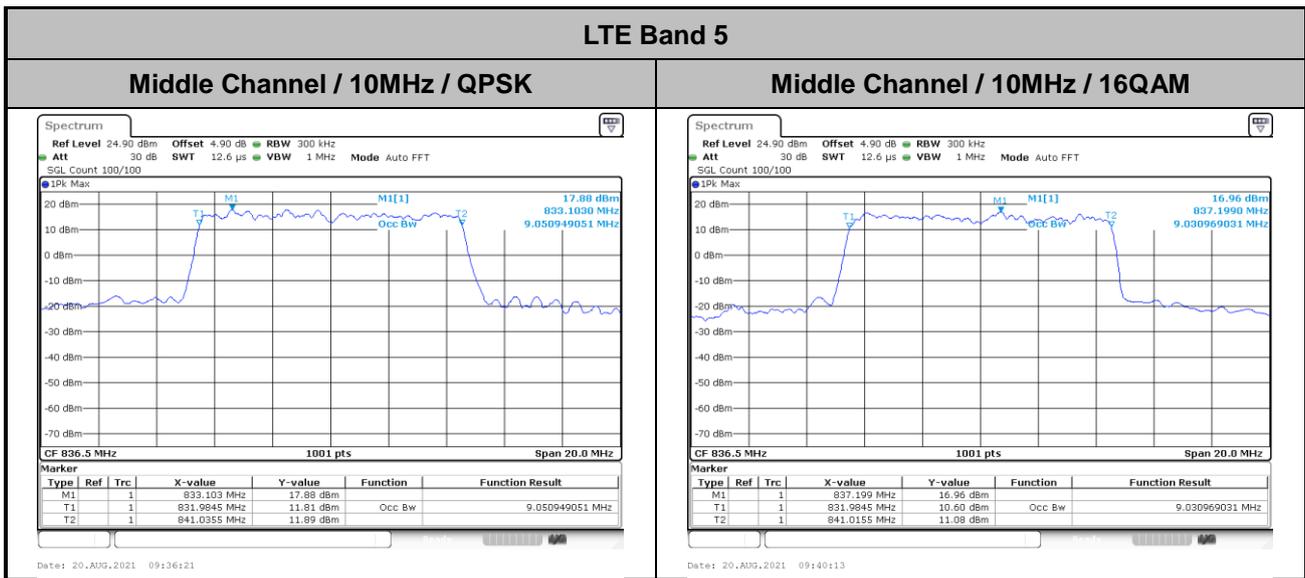
Mode	LTE Band 5 : 26dB BW(MHz)	
BW	10MHz	
Mod.	QPSK	16QAM
Middle CH	9.73	9.69





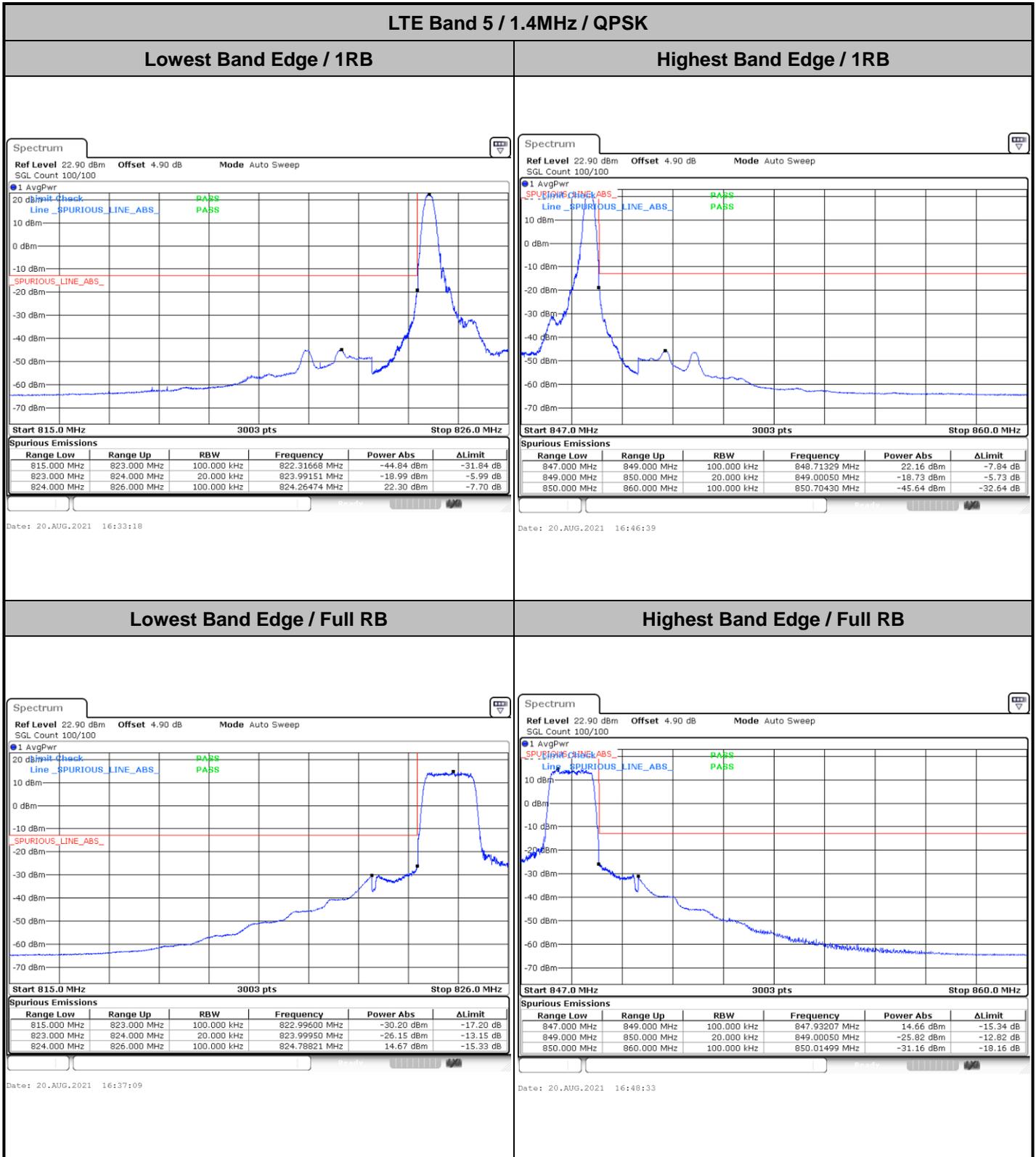
Occupied Bandwidth

Mode	LTE Band 5 : 99%OBW(MHz)	
BW	10MHz	
Mod.	QPSK	16QAM
Middle CH	9.05	9.03





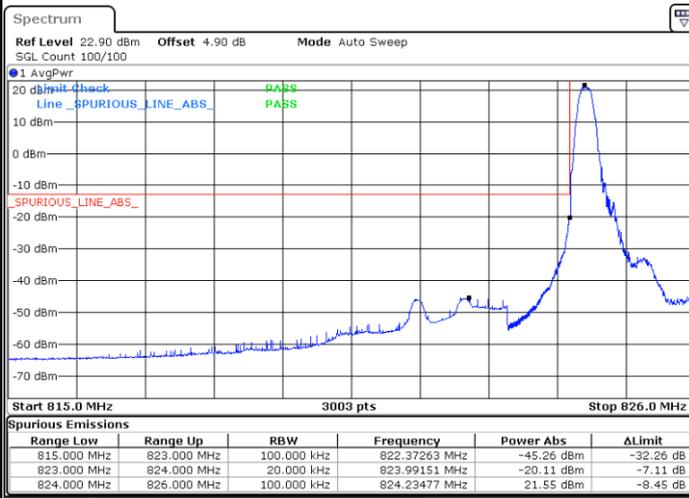
Conducted Band Edge





LTE Band 5 / 1.4MHz / 16QAM

Lowest Band Edge / 1 RB



Date: 20.AUG.2021 16:40:57

Highest Band Edge / 1 RB



Date: 20.AUG.2021 16:52:20

Lowest Band Edge / Full RB



Date: 20.AUG.2021 16:39:03

Highest Band Edge / Full RB

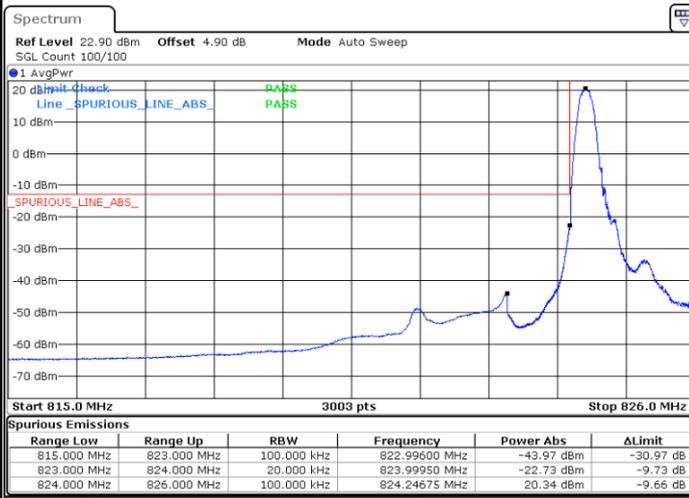


Date: 20.AUG.2021 16:50:26



LTE Band 5 / 1.4MHz / 64QAM

Lowest Band Edge / 1 RB



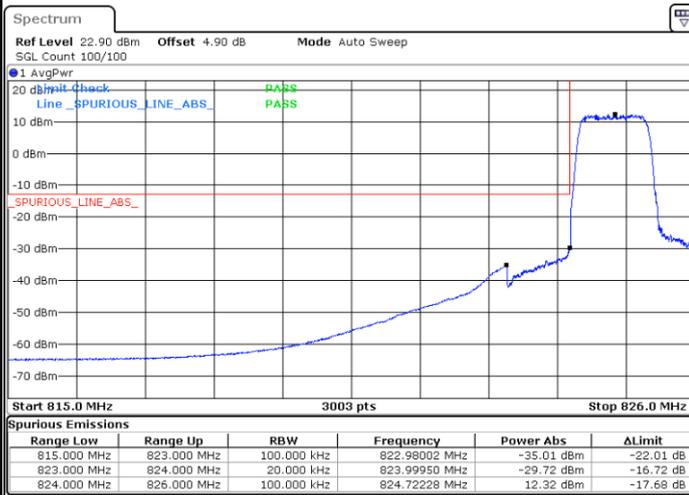
Date: 20.AUG.2021 16:42:51

Highest Band Edge / 1 RB



Date: 20.AUG.2021 16:54:14

Lowest Band Edge / Full RB



Date: 20.AUG.2021 16:44:45

Highest Band Edge / Full RB

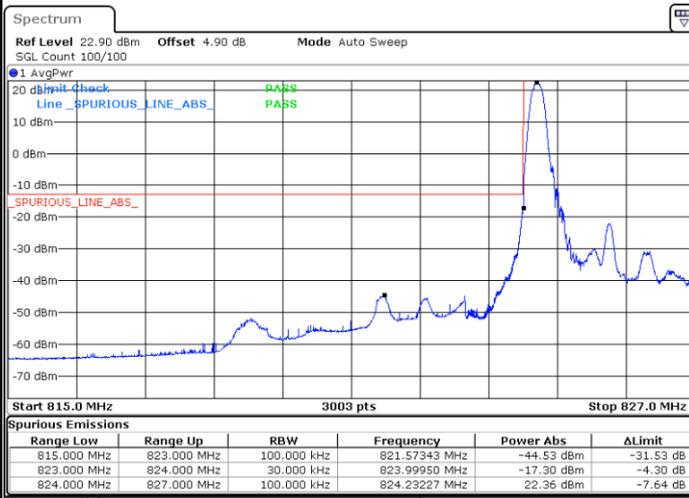


Date: 20.AUG.2021 16:56:08



LTE Band 5 / 3MHz / QPSK

Lowest Band Edge / 1RB



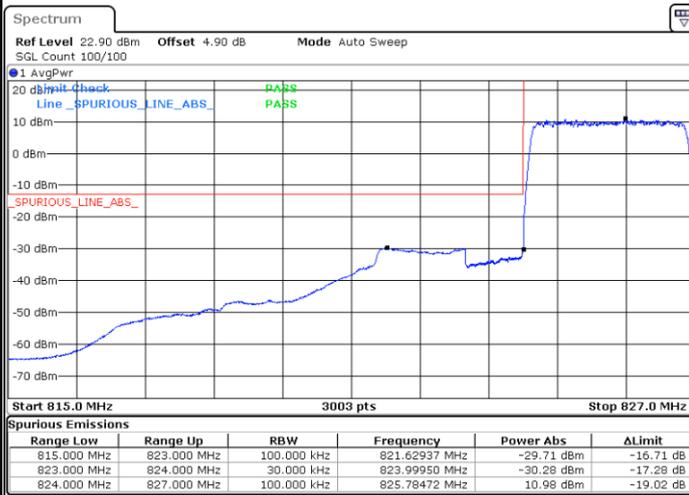
Date: 20.AUG.2021 17:31:56

Highest Band Edge / 1 RB



Date: 20.AUG.2021 17:17:50

Lowest Band Edge / Full RB



Date: 20.AUG.2021 17:08:22

Highest Band Edge / Full RB

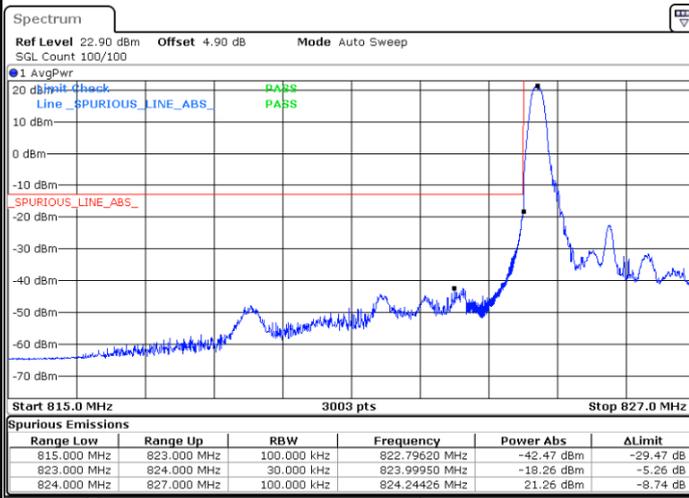


Date: 20.AUG.2021 17:19:43



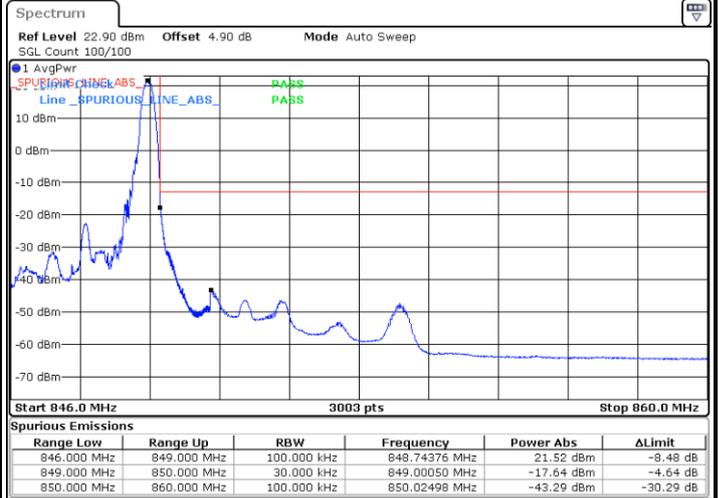
LTE Band 5 / 3MHz / 16QAM

Lowest Band Edge / 1 RB



Date: 20.AUG.2021 17:12:09

Highest Band Edge / 1 RB



Date: 20.AUG.2021 17:23:31

Lowest Band Edge / Full RB



Date: 20.AUG.2021 17:10:15

Highest Band Edge / Full RB

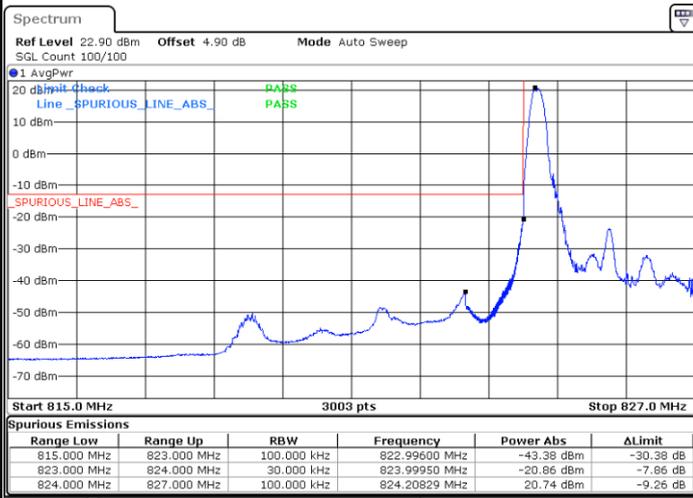


Date: 20.AUG.2021 17:21:37



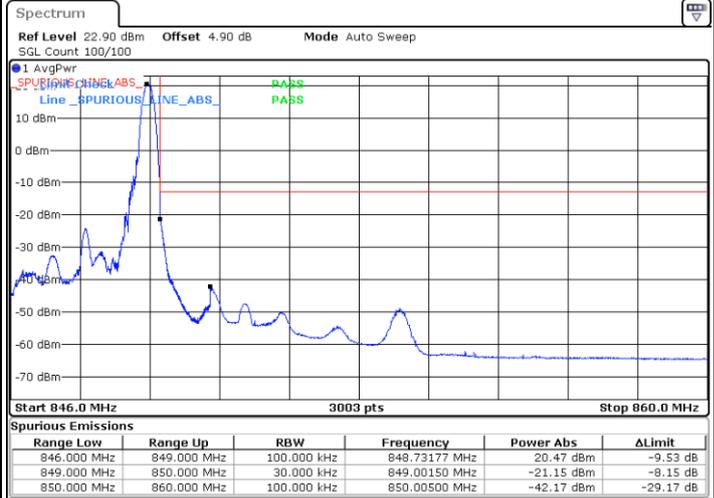
LTE Band 5 / 3MHz / 64QAM

Lowest Band Edge / 1 RB



Date: 20.AUG.2021 17:14:02

Highest Band Edge / 1 RB



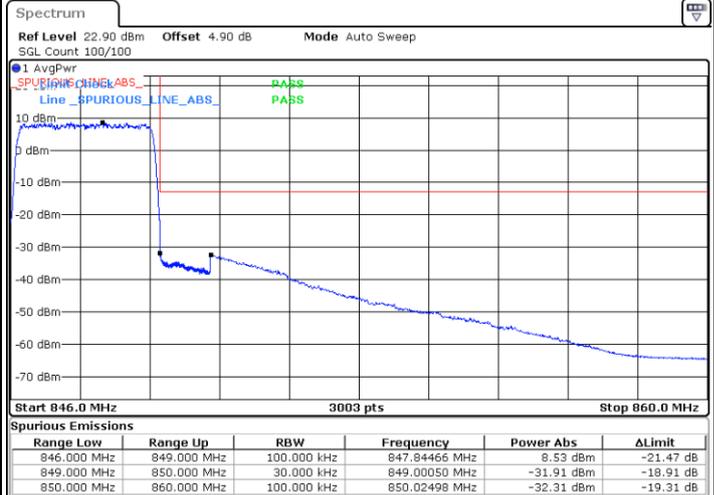
Date: 20.AUG.2021 17:25:24

Lowest Band Edge / Full RB



Date: 20.AUG.2021 17:15:56

Highest Band Edge / Full RB

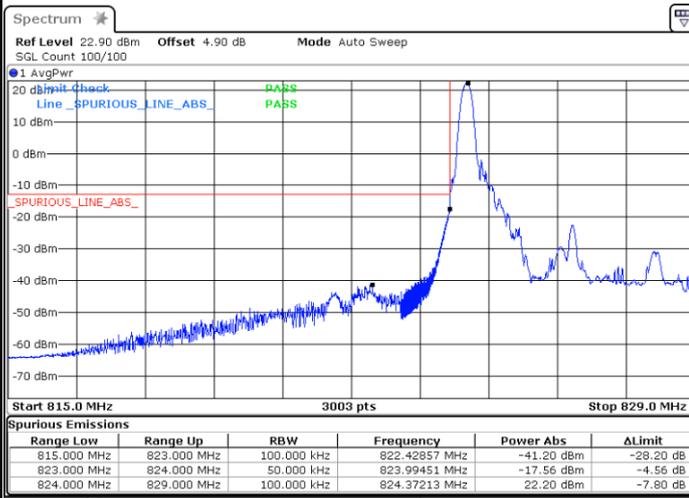


Date: 20.AUG.2021 17:27:18



LTE Band 5 / 5MHz / QPSK

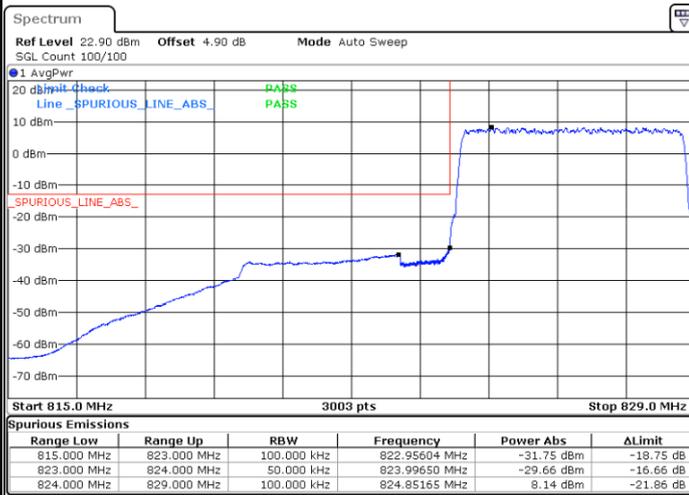
Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



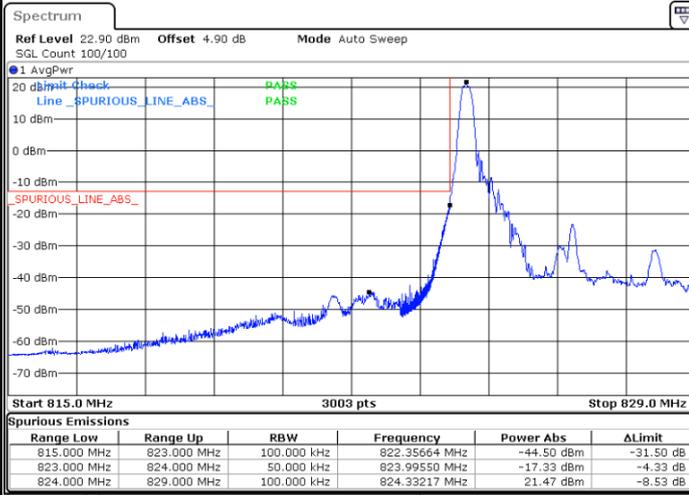
Highest Band Edge / Full RB





LTE Band 5 / 5MHz / 16QAM

Lowest Band Edge / 1RB



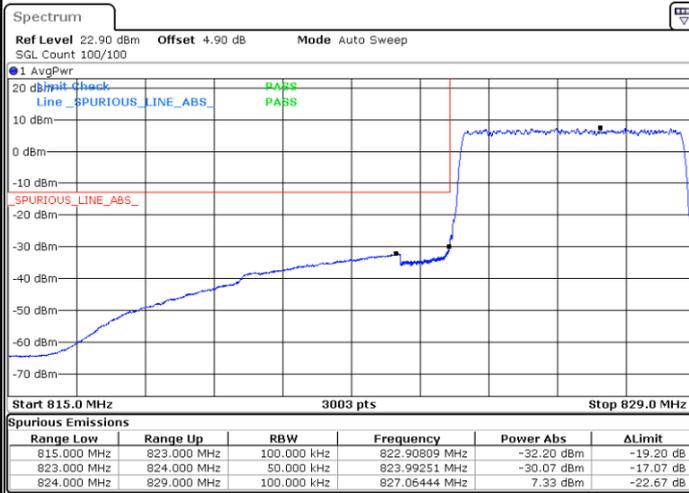
Date: 20.AUG.2021 09:08:13

Highest Band Edge / 1 RB



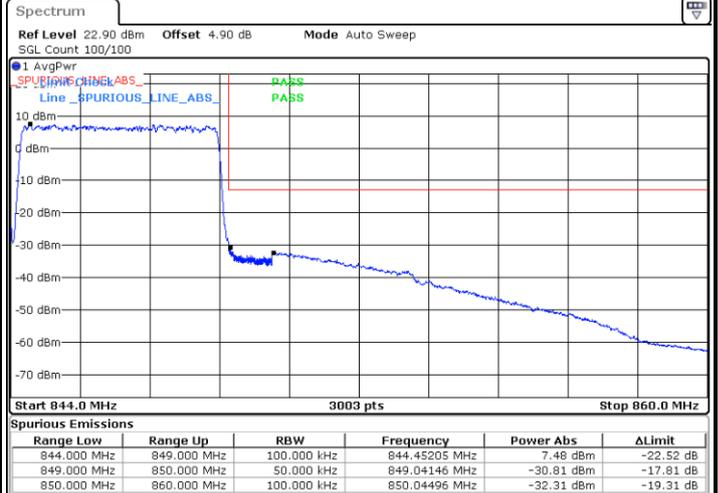
Date: 20.AUG.2021 09:20:48

Lowest Band Edge / Full RB



Date: 20.AUG.2021 09:06:44

Highest Band Edge / Full RB



Date: 20.AUG.2021 09:18:54