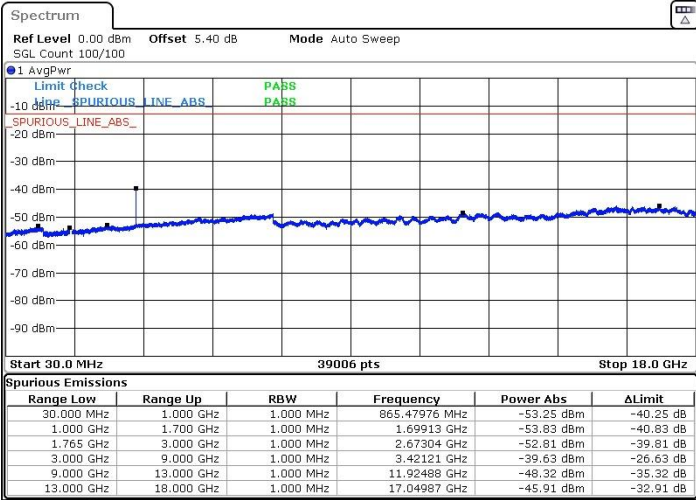




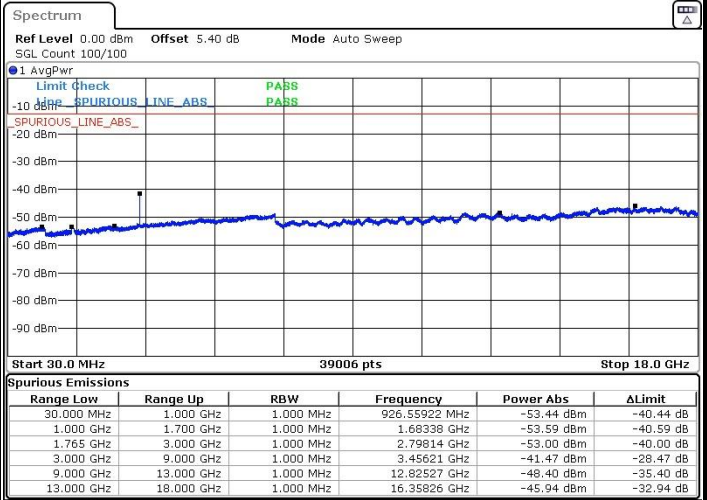
LTE Band 4 / 10MHz

Lowest Channel / QPSK

Middle Channel / QPSK

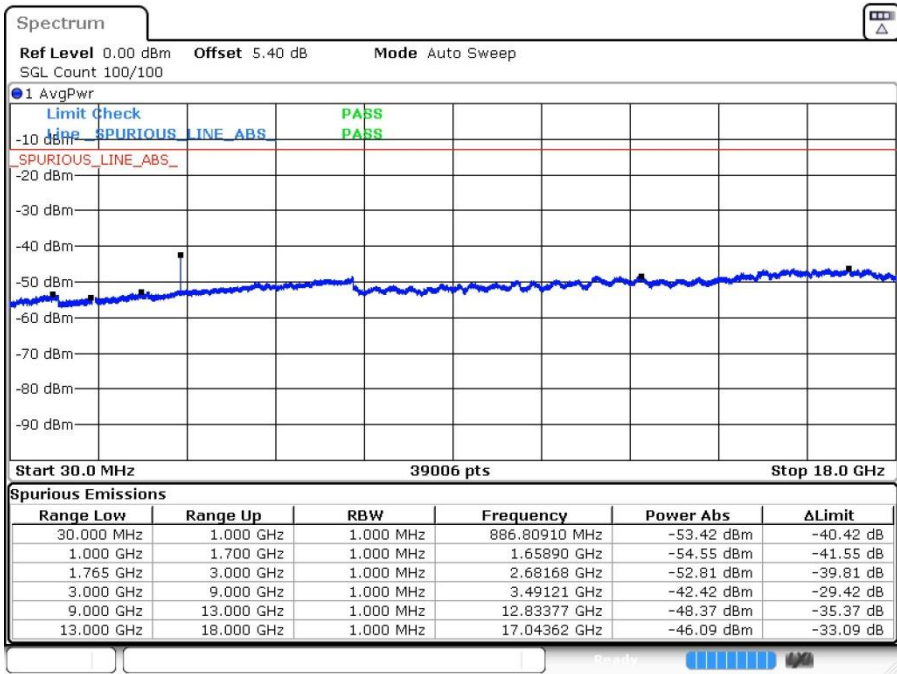


Date: 5 NOV 2021 20:19:57



Date: 5 NOV 2021 20:20:40

Highest Channel / QPSK

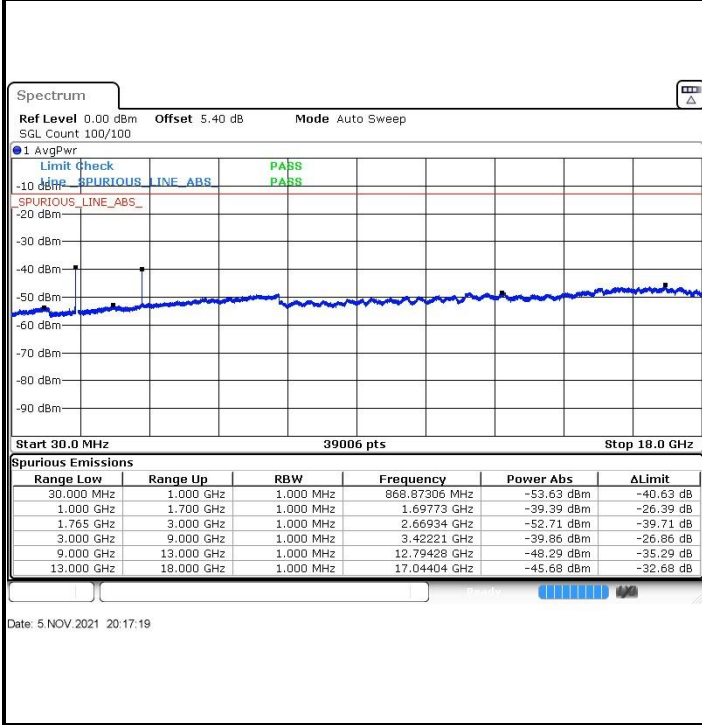


Date: 5 NOV 2021 20:22:28



LTE Band 4 / 15MHz

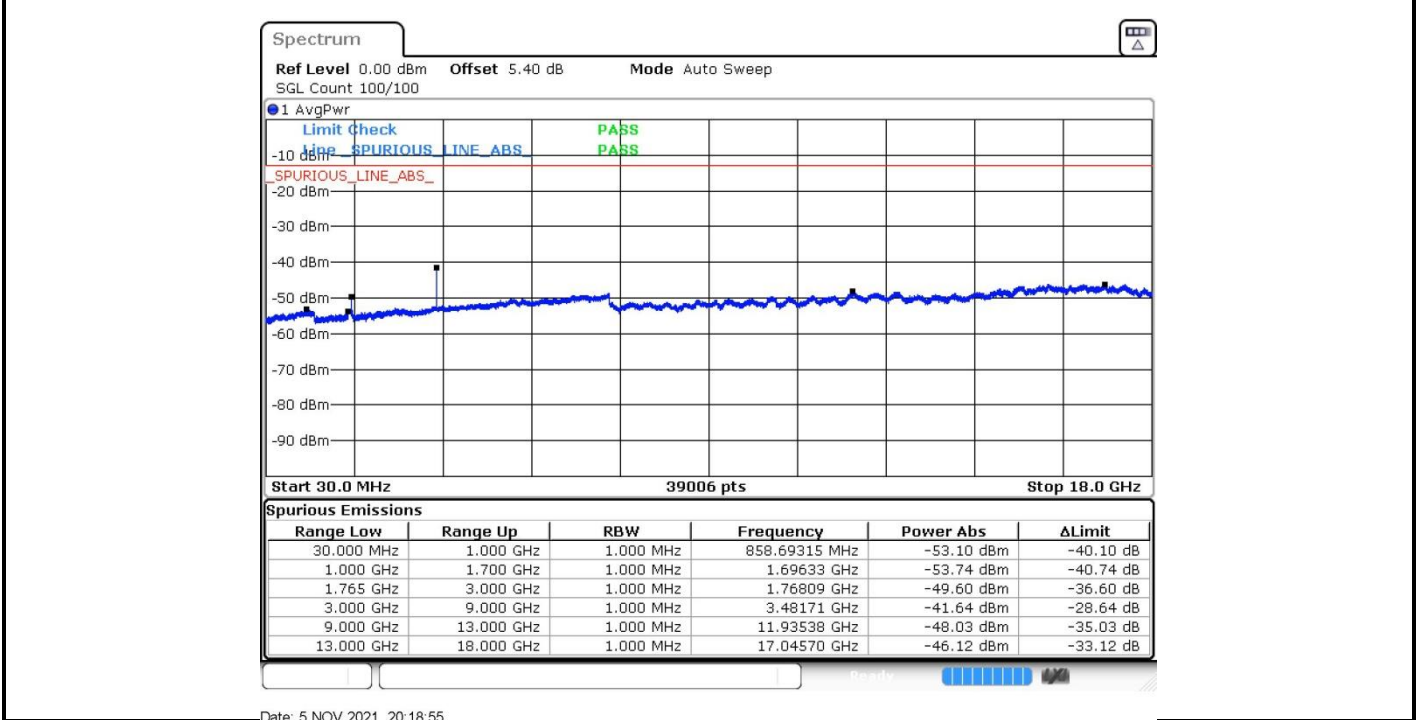
Lowest Channel / QPSK



Middle Channel / QPSK



Highest Channel / QPSK

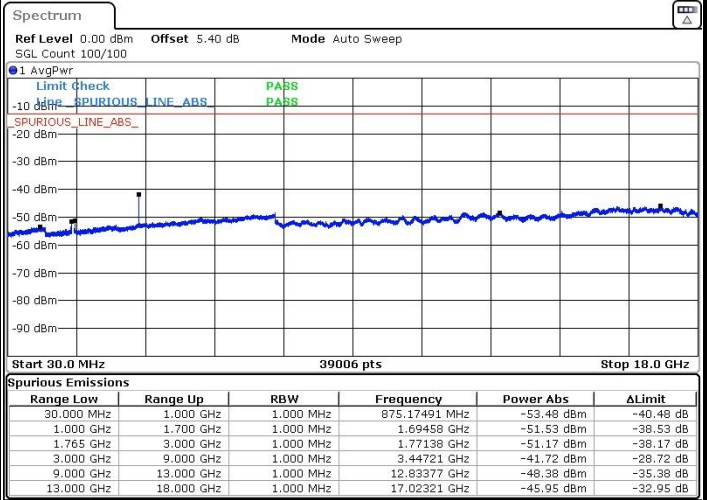
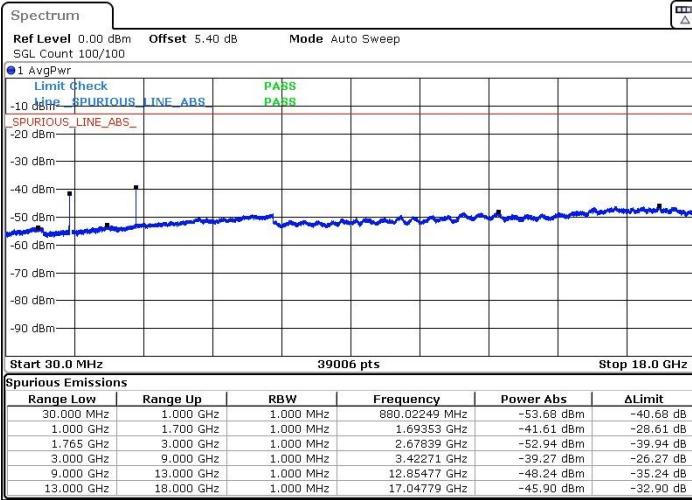




LTE Band 4 / 20MHz

Lowest Channel / QPSK

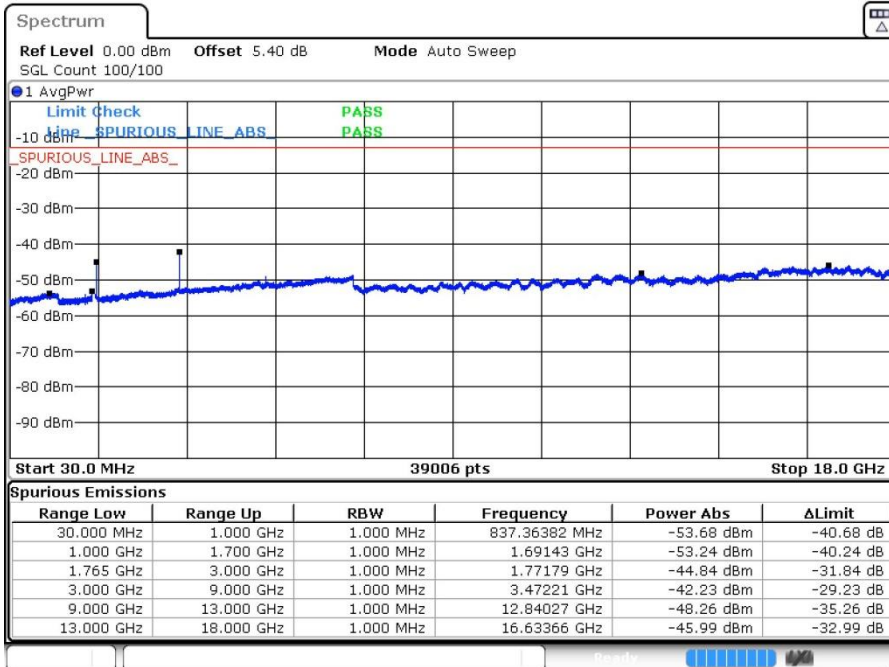
Middle Channel / QPSK



Date: 5 NOV 2021 20:13:17

Date: 5 NOV 2021 20:15:44

Highest Channel / QPSK



Date: 5 NOV 2021 20:16:34



Frequency Stability

Test Conditions		LTE Band 4 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0023	PASS
40	Normal Voltage	0.0014	
30	Normal Voltage	0.0011	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0023	
0	Normal Voltage	0.0005	
-10	Normal Voltage	0.0004	
-20	Normal Voltage	0.0008	
-30	Normal Voltage	0.0011	
20	Maximum Voltage	0.0003	
20	Normal Voltage	0.0025	
20	Battery End Point	0.0014	

Note:

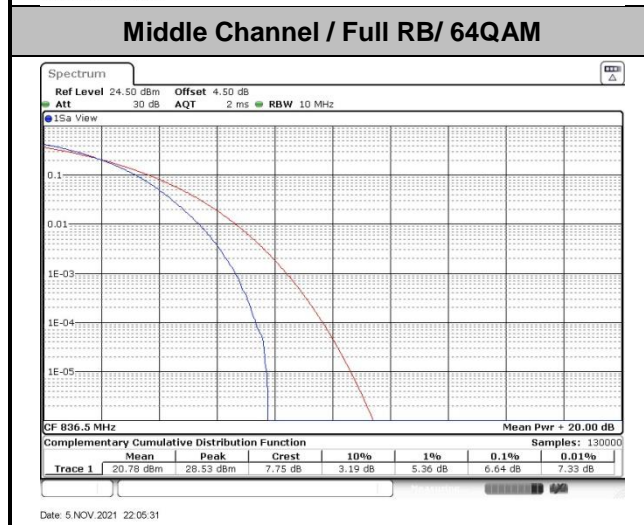
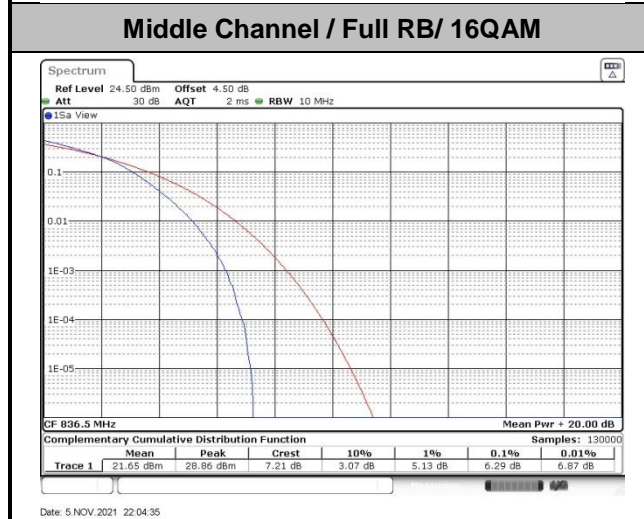
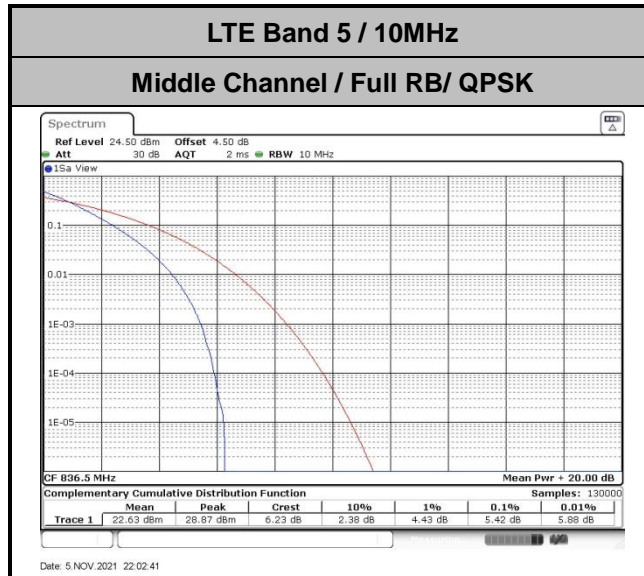
1. Normal Voltage =3.87 V. ; Battery End Point (BEP) =3.6 V. ; Maximum Voltage =4.2V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



LTE Band 5

Peak-to-Average Ratio

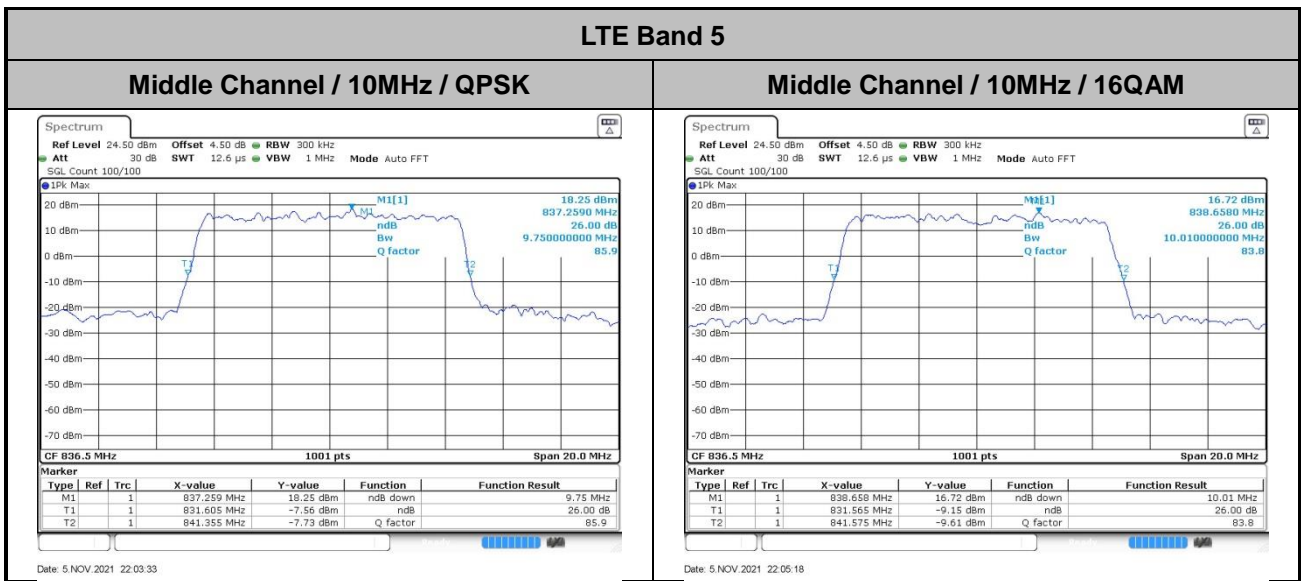
Mode	LTE Band 5 / 10MHz			
Mod.	QPSK	16QAM	64QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Result
Middle CH	5.42	6.29	6.64	PASS





26dB Bandwidth

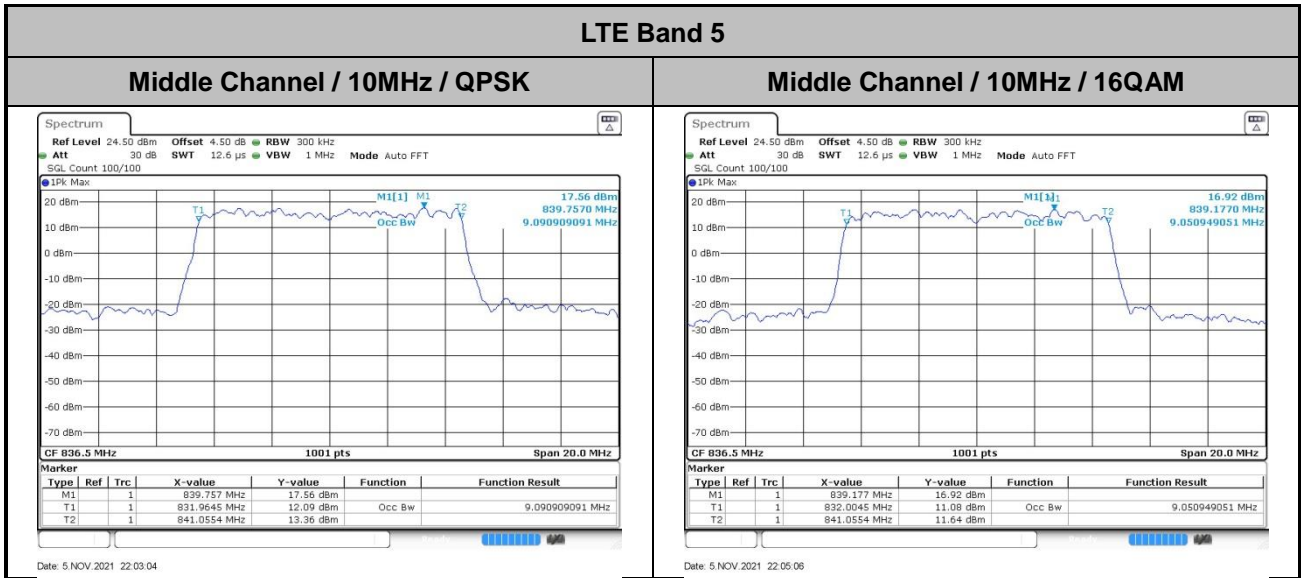
Mode	LTE Band 5 : 26dB BW(MHz)	
BW	10MHz	
Mod.	QPSK	16QAM
Middle CH	9.75	10.01





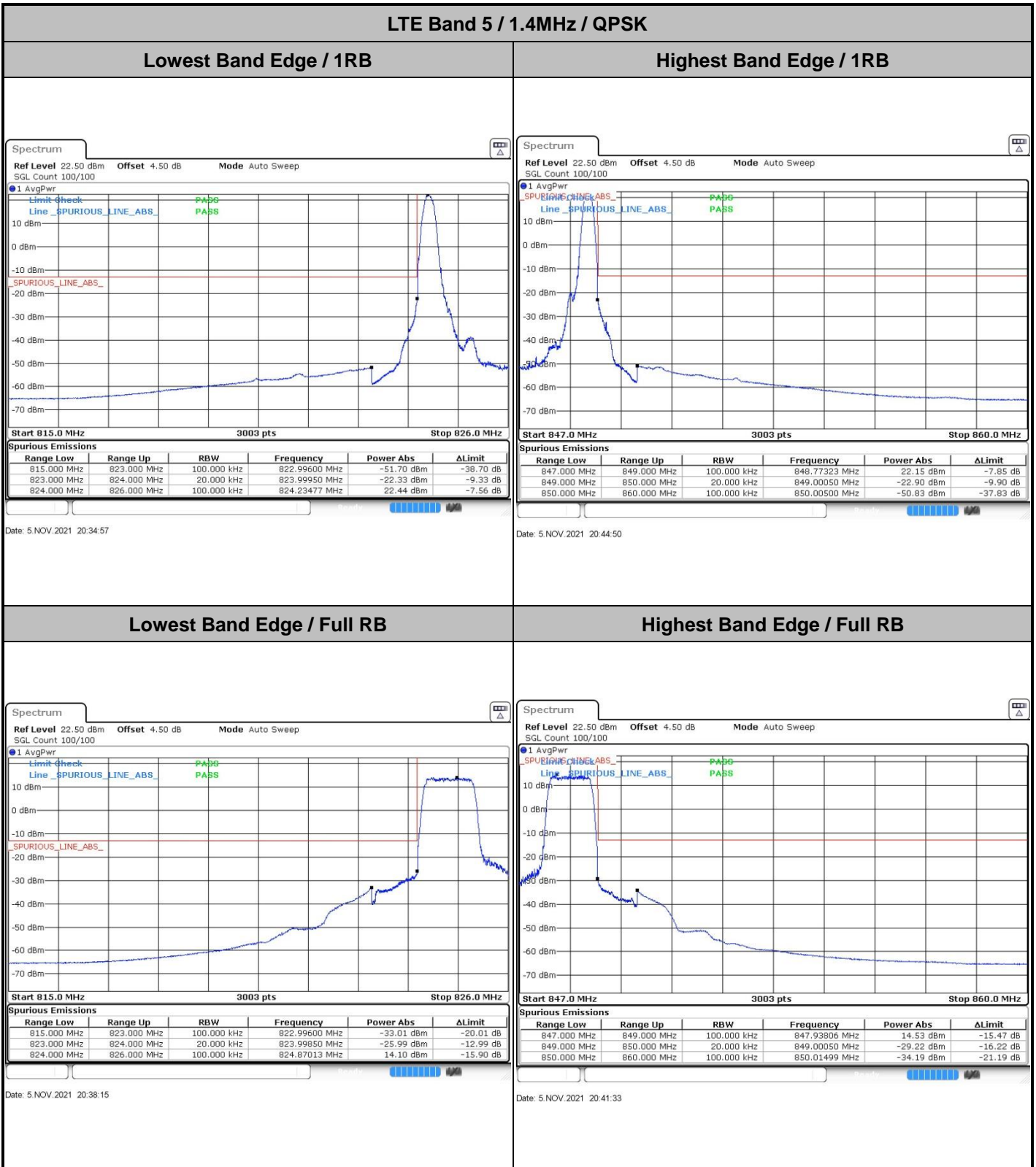
Occupied Bandwidth

Mode	LTE Band 5 : 99%OBW(MHz)	
BW	10MHz	
Mod.	QPSK	16QAM
Middle CH	9.09	9.05





Conducted Band Edge





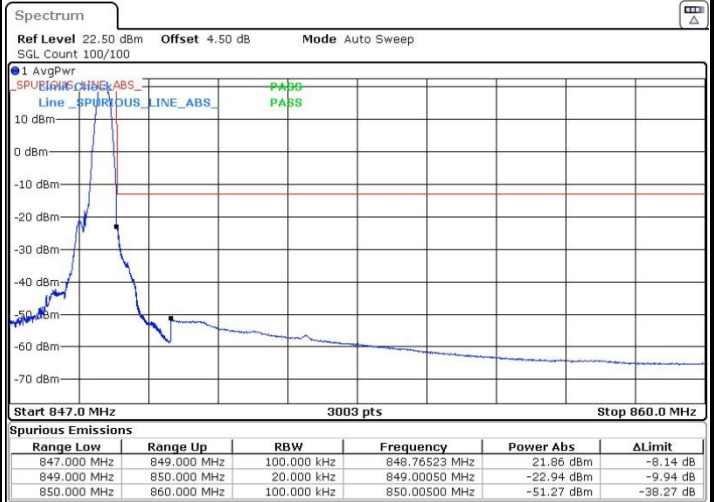
LTE Band 5 / 1.4MHz / 16QAM

Lowest Band Edge / 1 RB



Date: 5 NOV. 2021 20:36:36

Highest Band Edge / 1 RB



Date: 5 NOV. 2021 20:46:29

Lowest Band Edge / Full RB



Date: 5 NOV. 2021 20:39:54

Highest Band Edge / Full RB



Date: 5 NOV. 2021 20:43:11



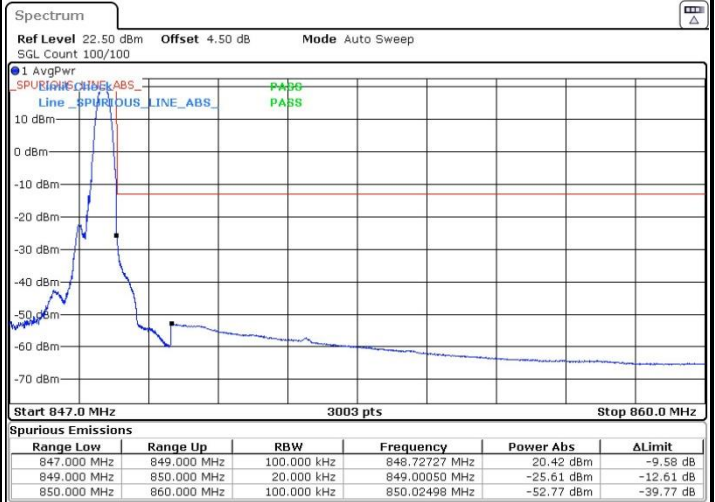
LTE Band 5 / 1.4MHz / 64QAM

Lowest Band Edge / 1 RB



Date: 5 NOV.2021 21:36:49

Highest Band Edge / 1 RB



Date: 5 NOV.2021 21:40:06

Lowest Band Edge / Full RB



Date: 5 NOV.2021 21:35:10

Highest Band Edge / Full RB

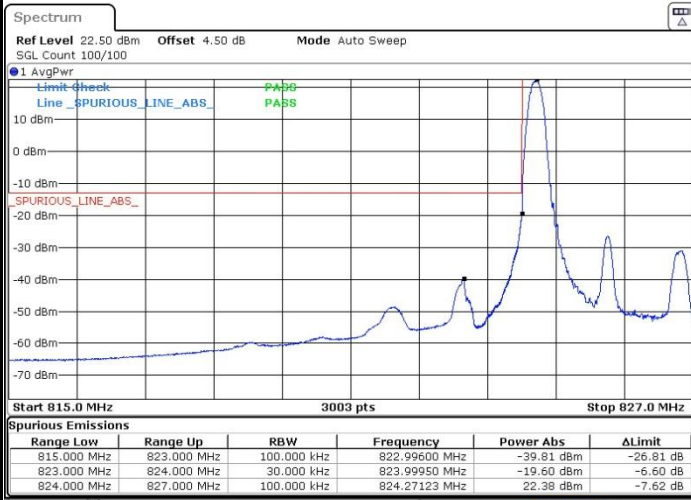


Date: 5 NOV.2021 21:38:27



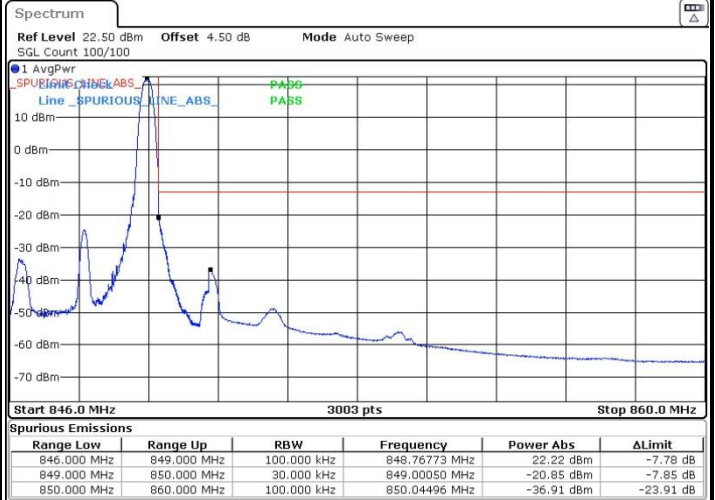
LTE Band 5 / 3MHz / QPSK

Lowest Band Edge / 1RB



Date: 5 NOV. 2021 20:48:08

Highest Band Edge / 1 RB



Date: 5 NOV. 2021 20:54:44

Lowest Band Edge / Full RB



Date: 5 NOV. 2021 20:51:26

Highest Band Edge / Full RB

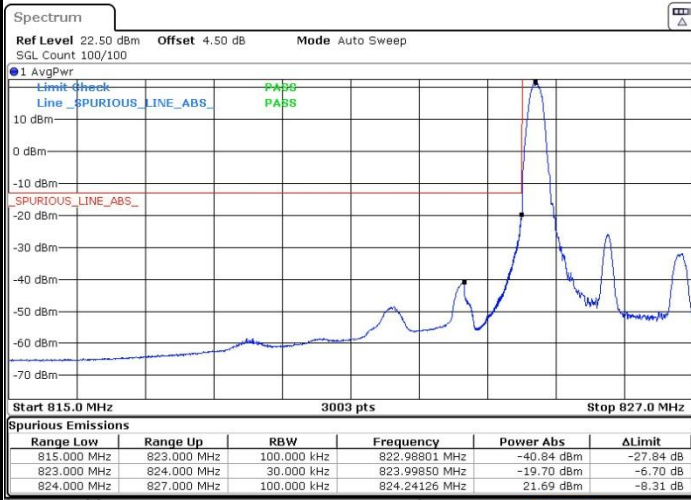


Date: 5 NOV. 2021 20:58:02



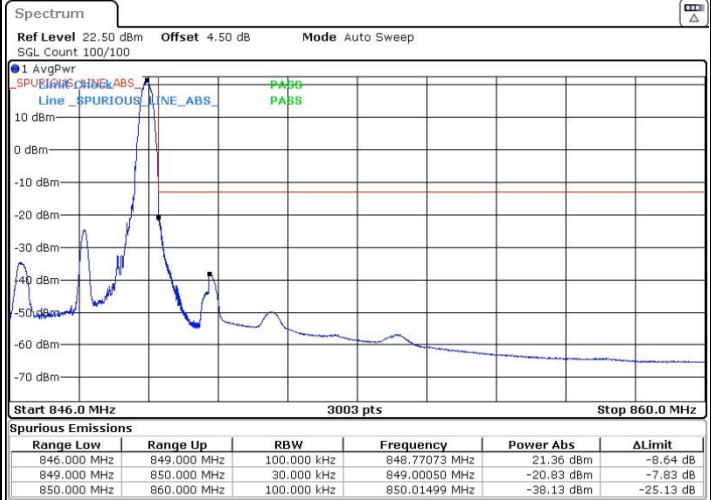
LTE Band 5 / 3MHz / 16QAM

Lowest Band Edge / 1 RB



Date: 5 NOV.2021 20:49:47

Highest Band Edge / 1 RB



Date: 5 NOV.2021 20:56:23

Lowest Band Edge / Full RB



Date: 5 NOV.2021 20:53:05

Highest Band Edge / Full RB

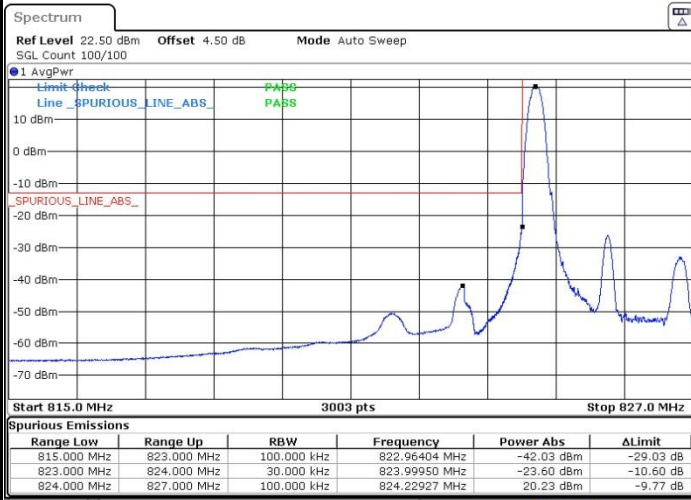


Date: 5 NOV.2021 20:59:40



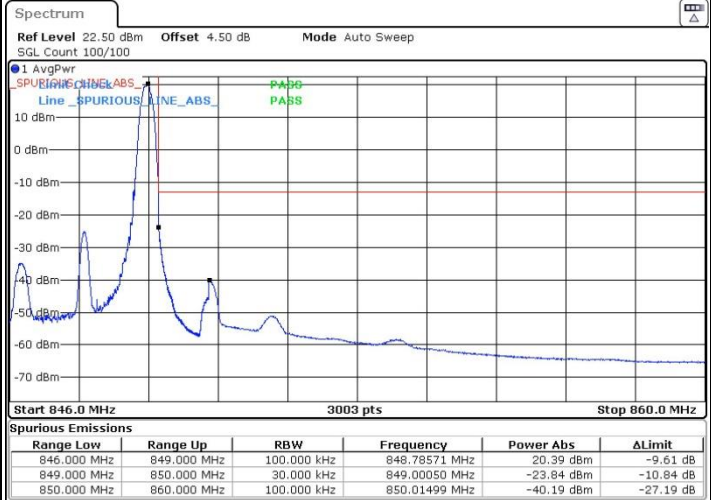
LTE Band 5 / 3MHz / 64QAM

Lowest Band Edge / 1 RB



Date: 5 NOV.2021 21:43:24

Highest Band Edge / 1 RB



Date: 5 NOV.2021 21:46:42

Lowest Band Edge / Full RB



Date: 5 NOV.2021 21:41:45

Highest Band Edge / Full RB

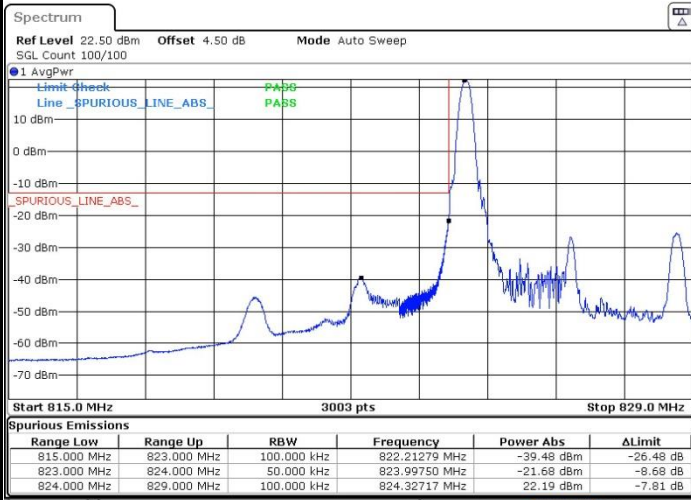


Date: 5 NOV.2021 21:45:03



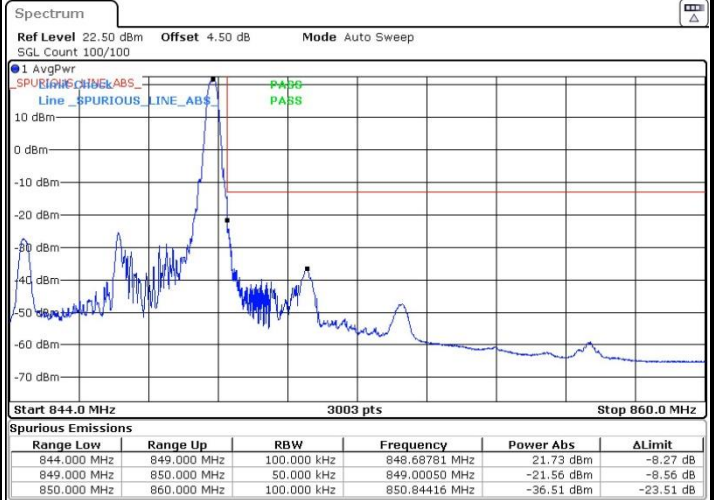
LTE Band 5 / 5MHz / QPSK

Lowest Band Edge / 1 RB



Date: 5 NOV. 2021 21:01:19

Highest Band Edge / 1 RB



Date: 5 NOV. 2021 21:07:55

Lowest Band Edge / Full RB



Date: 5 NOV. 2021 21:04:37

Highest Band Edge / Full RB

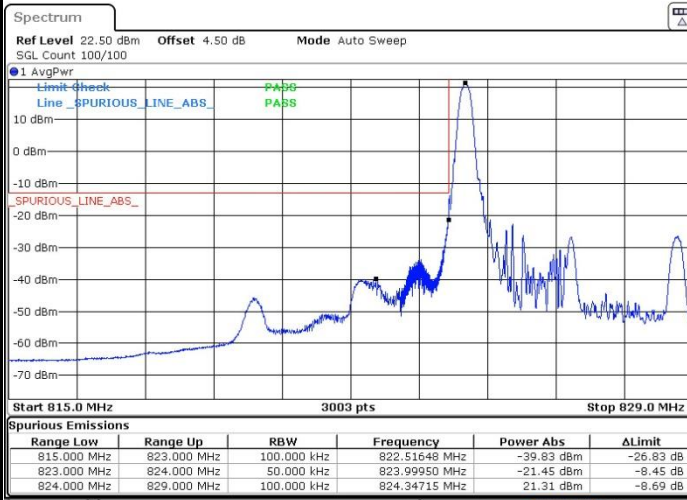


Date: 5 NOV. 2021 21:11:13



LTE Band 5 / 5MHz / 16QAM

Lowest Band Edge / 1RB



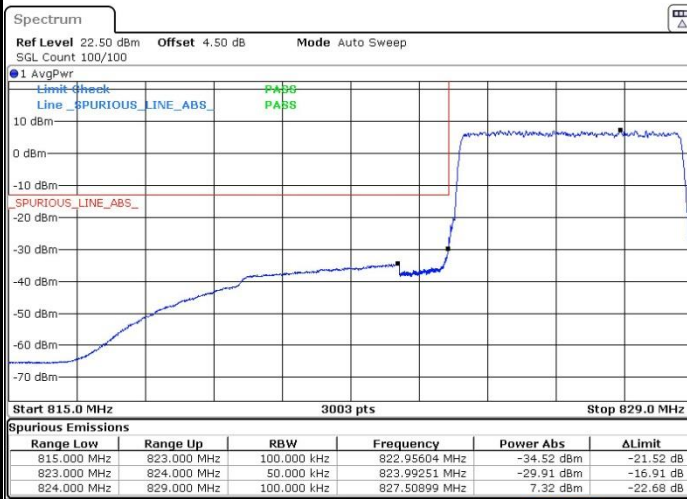
Date: 5 NOV.2021 21:02:58

Highest Band Edge / 1 RB



Date: 5 NOV.2021 21:09:34

Lowest Band Edge / Full RB



Date: 5 NOV.2021 21:06:16

Highest Band Edge / Full RB

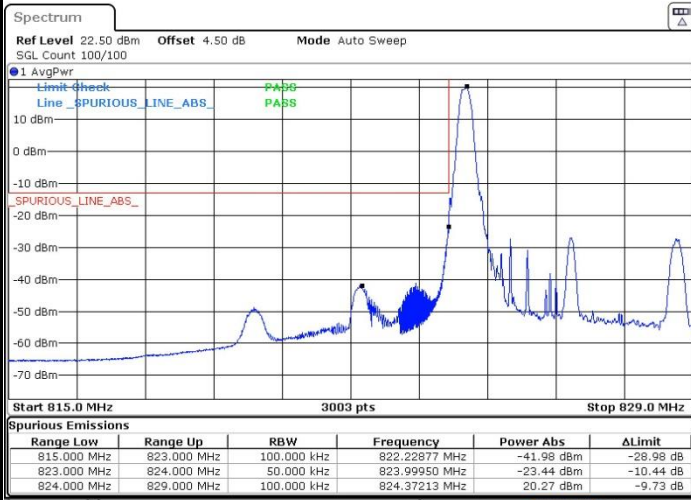


Date: 5 NOV.2021 21:12:52



LTE Band 5 / 5MHz / 64QAM

Lowest Band Edge / 1RB



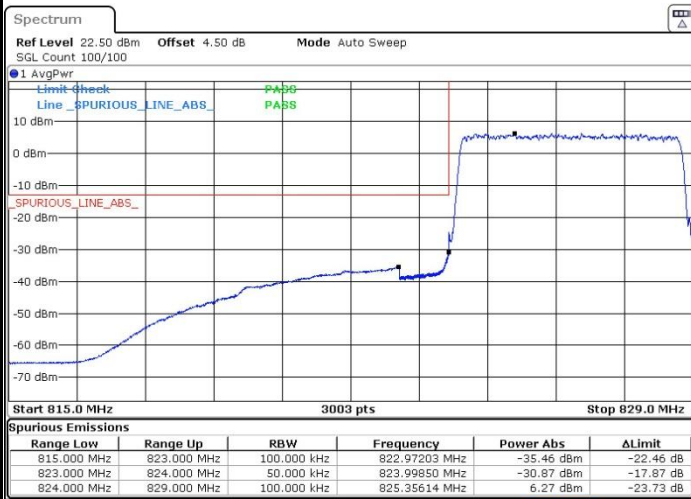
Date: 5 NOV.2021 21:50:00

Highest Band Edge / 1 RB



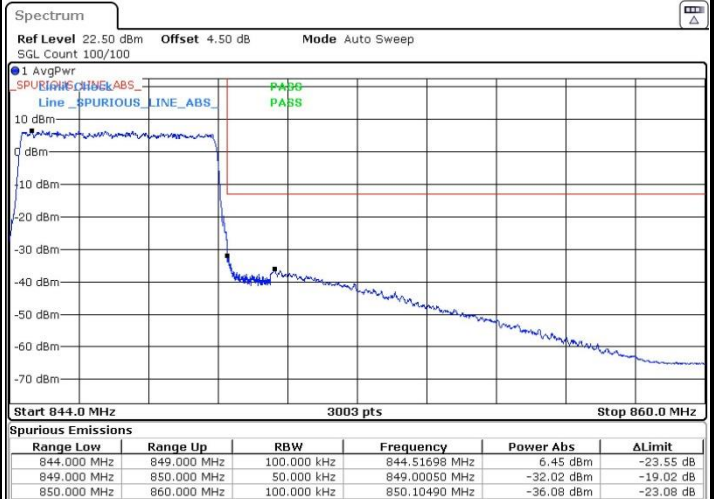
Date: 5 NOV.2021 21:53:17

Lowest Band Edge / Full RB



Date: 5 NOV.2021 21:48:21

Highest Band Edge / Full RB

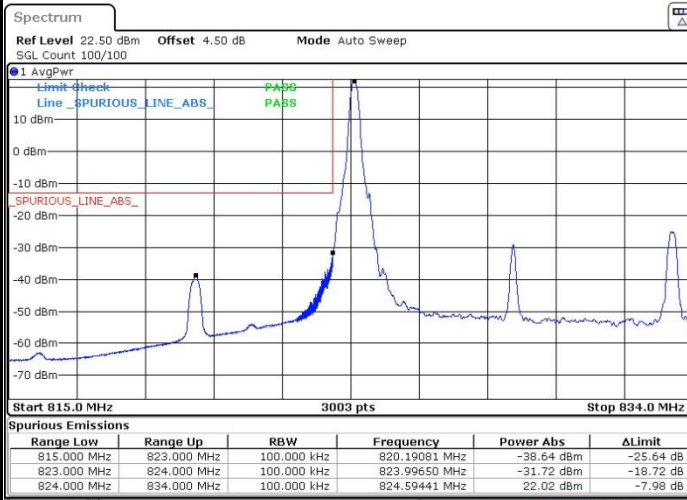


Date: 5 NOV.2021 21:51:39



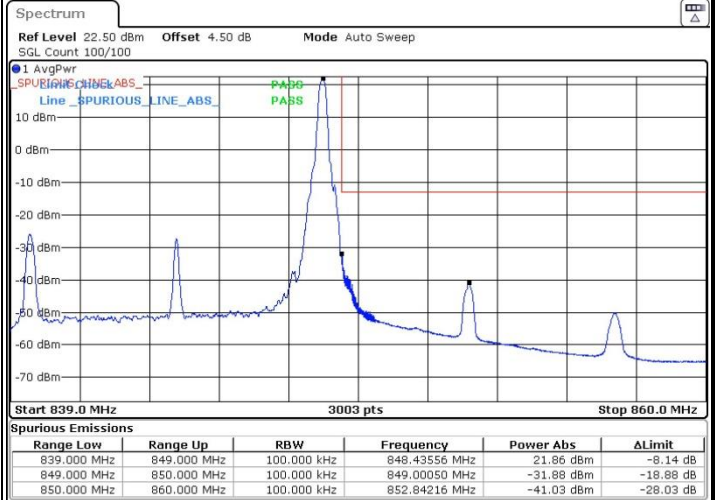
LTE Band 5 / 10MHz / QPSK

Lowest Band Edge / 1 RB



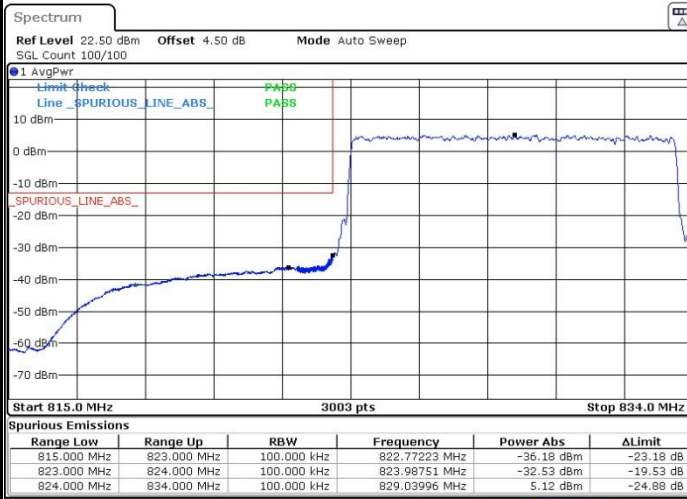
Date: 5 NOV. 2021 21:20:08

Highest Band Edge / 1 RB



Date: 5 NOV. 2021 21:26:43

Lowest Band Edge / Full RB



Date: 5 NOV. 2021 21:23:26

Highest Band Edge / Full RB

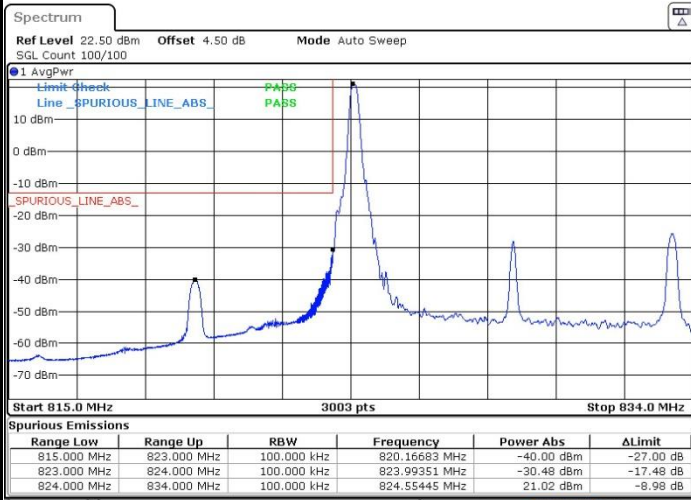


Date: 5 NOV. 2021 21:30:01



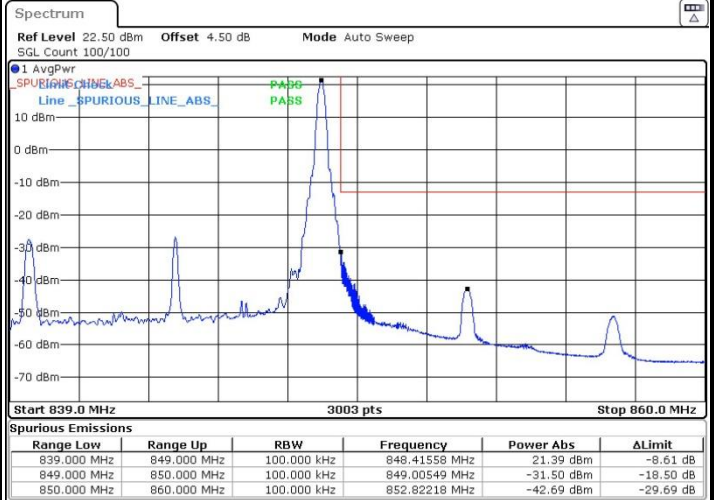
LTE Band 5 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



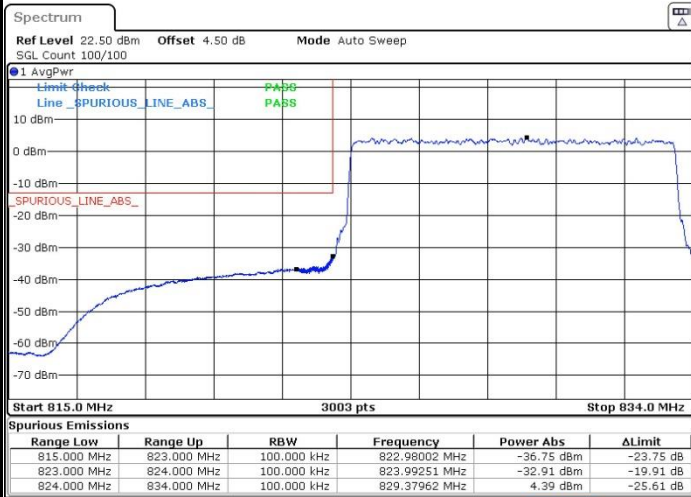
Date: 5 NOV. 2021 21:21:47

Highest Band Edge / 1 RB



Date: 5 NOV. 2021 21:28:22

Lowest Band Edge / Full RB



Date: 5 NOV. 2021 21:25:04

Highest Band Edge / Full RB

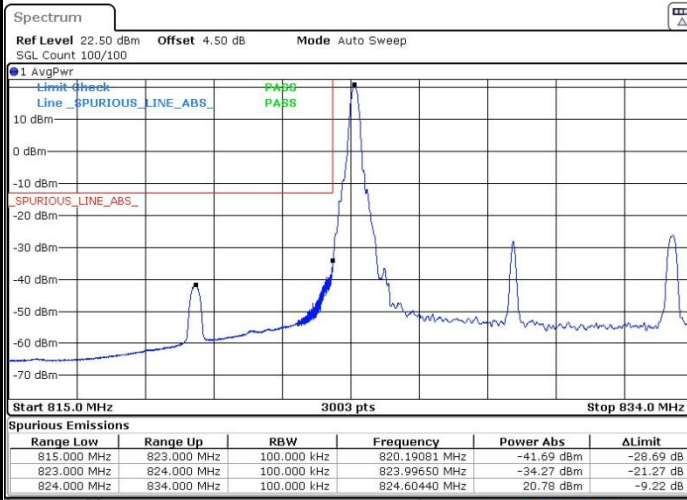


Date: 5 NOV. 2021 21:31:40



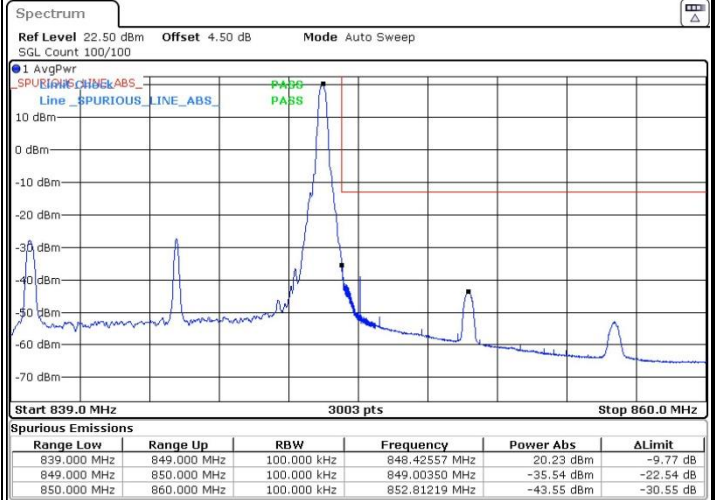
LTE Band 5 / 10MHz / 64QAM

Lowest Band Edge / 1 RB



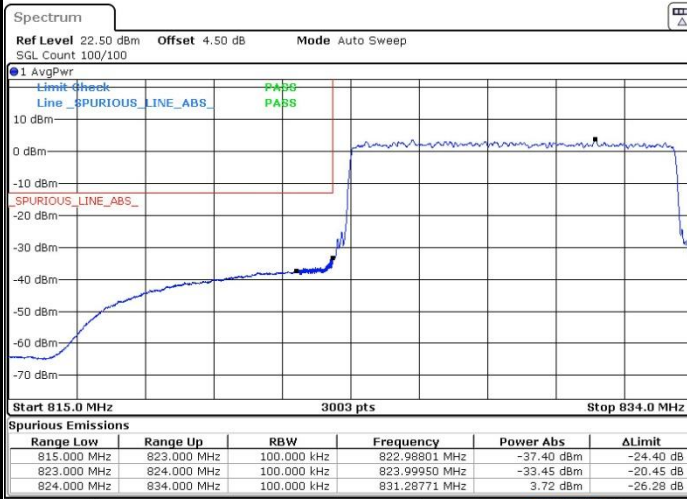
Date: 5 NOV.2021 21:56:35

Highest Band Edge / 1 RB



Date: 5 NOV.2021 21:59:53

Lowest Band Edge / Full RB



Date: 5 NOV.2021 21:54:56

Highest Band Edge / Full RB



Date: 5 NOV.2021 21:58:14



Conducted Spurious Emission

