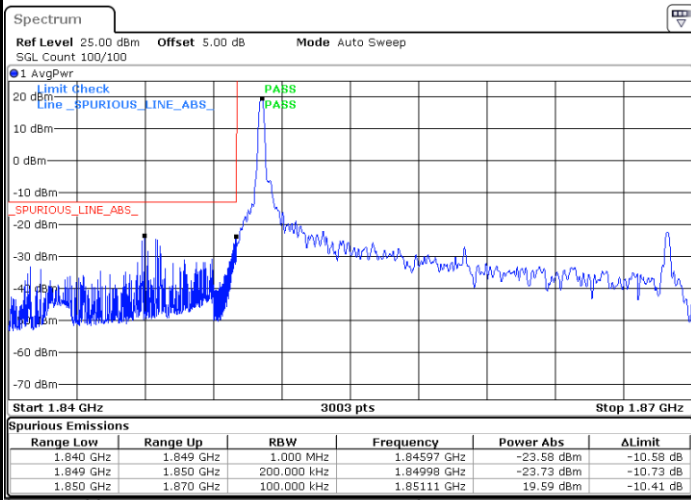




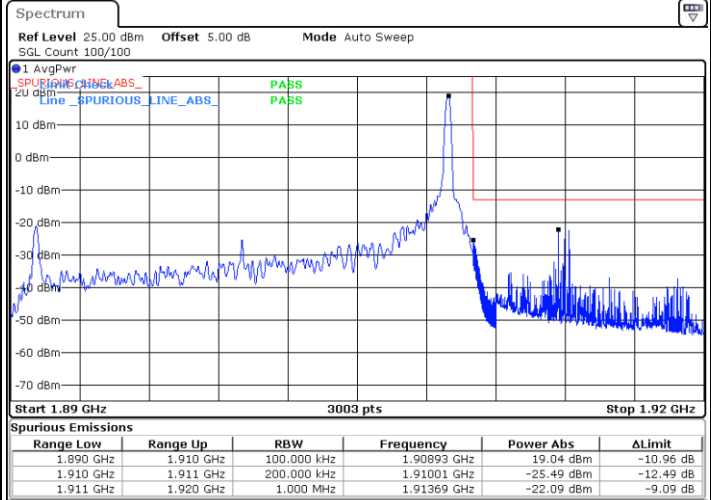
LTE Band 2 / 20MHz / 64QAM

Lowest Band Edge / 1 RB



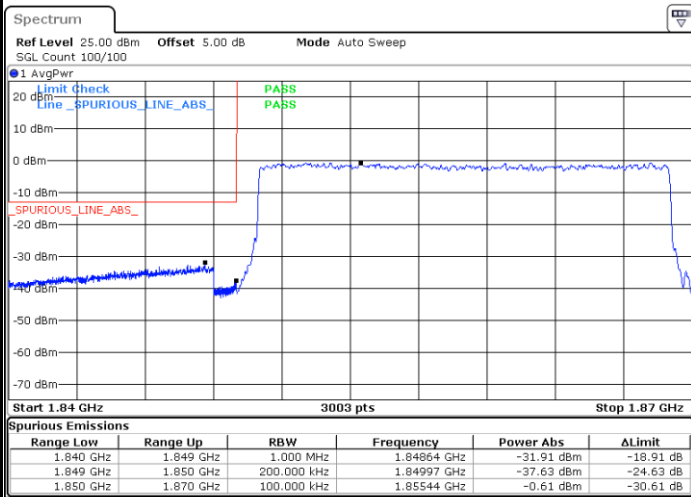
Date: 25 JUN.2021 10:58:41

Highest Band Edge / 1 RB



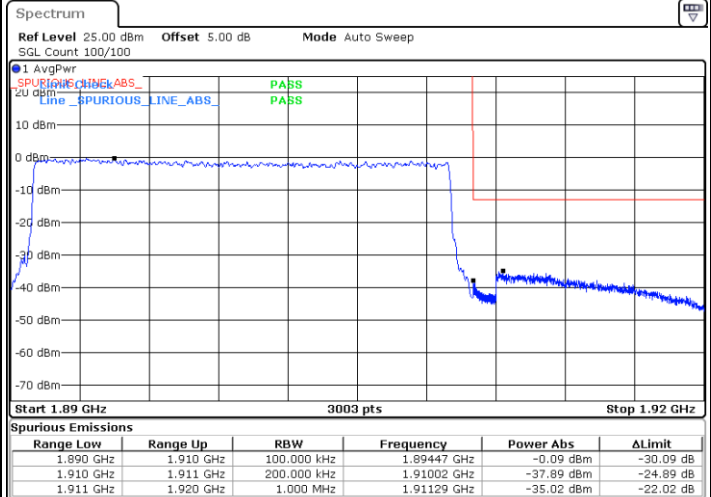
Date: 25 JUN.2021 11:12:55

Lowest Band Edge / Full RB



Date: 25 JUN.2021 10:53:50

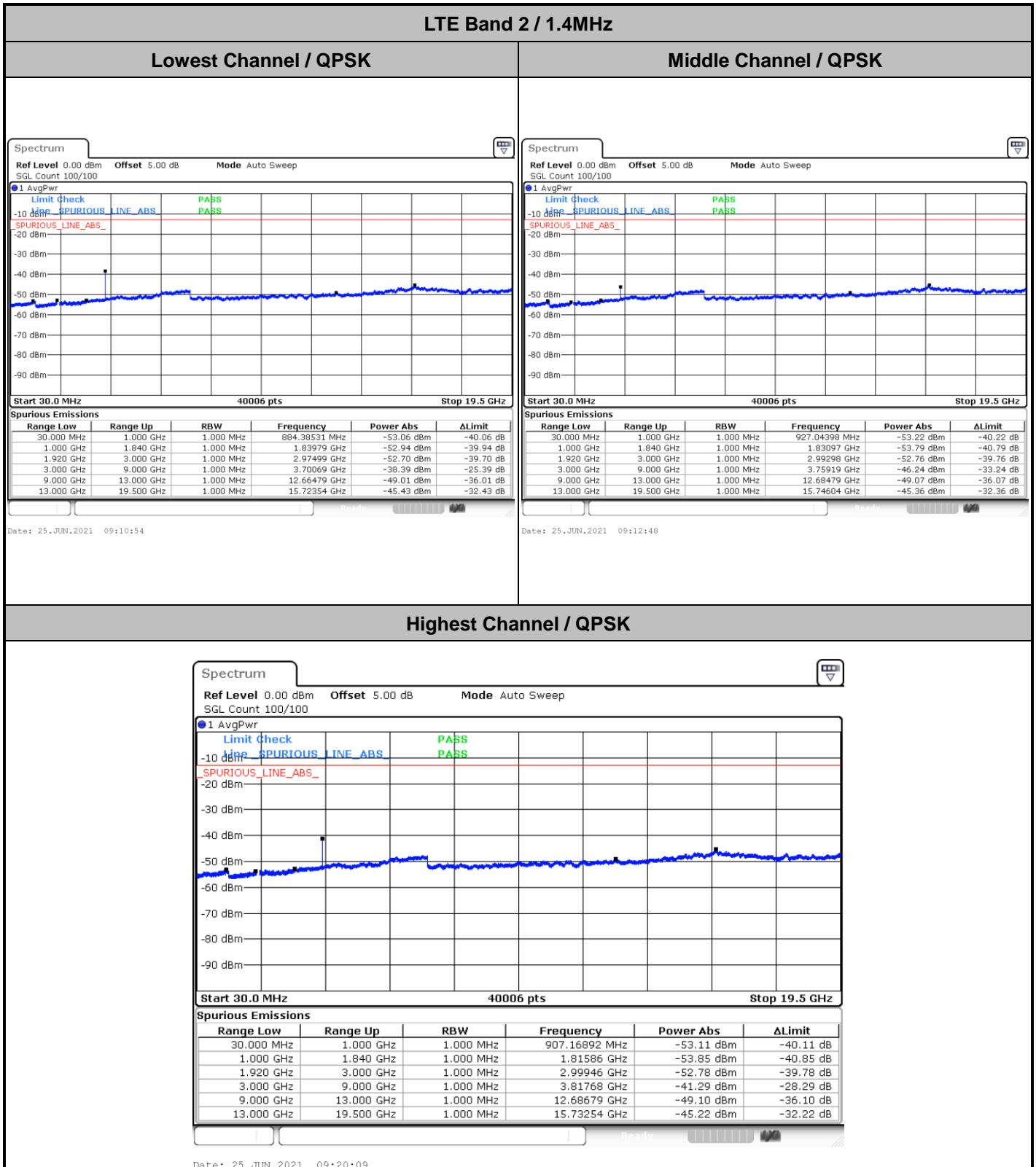
Highest Band Edge / Full RB



Date: 25 JUN.2021 11:13:28



Conducted Spurious Emission

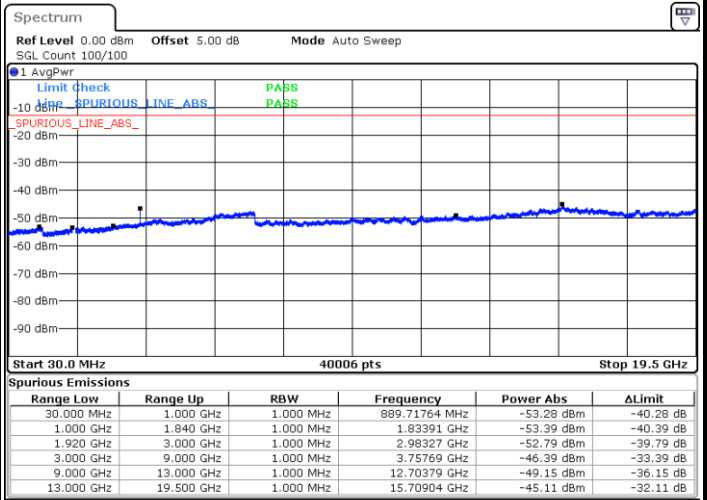
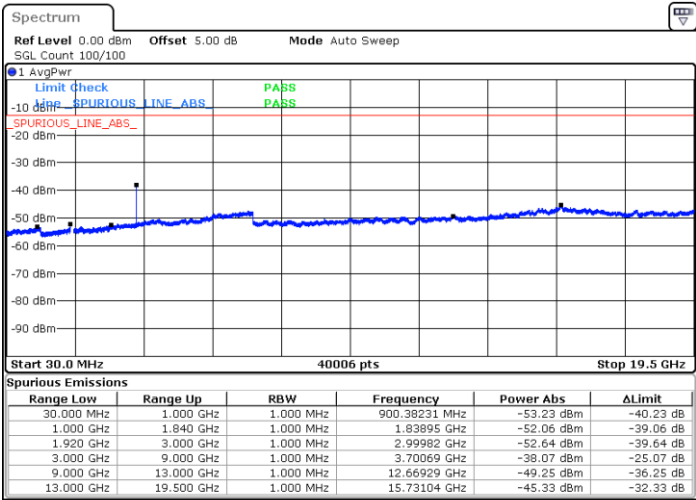




LTE Band 2 / 3MHz

Lowest Channel / QPSK

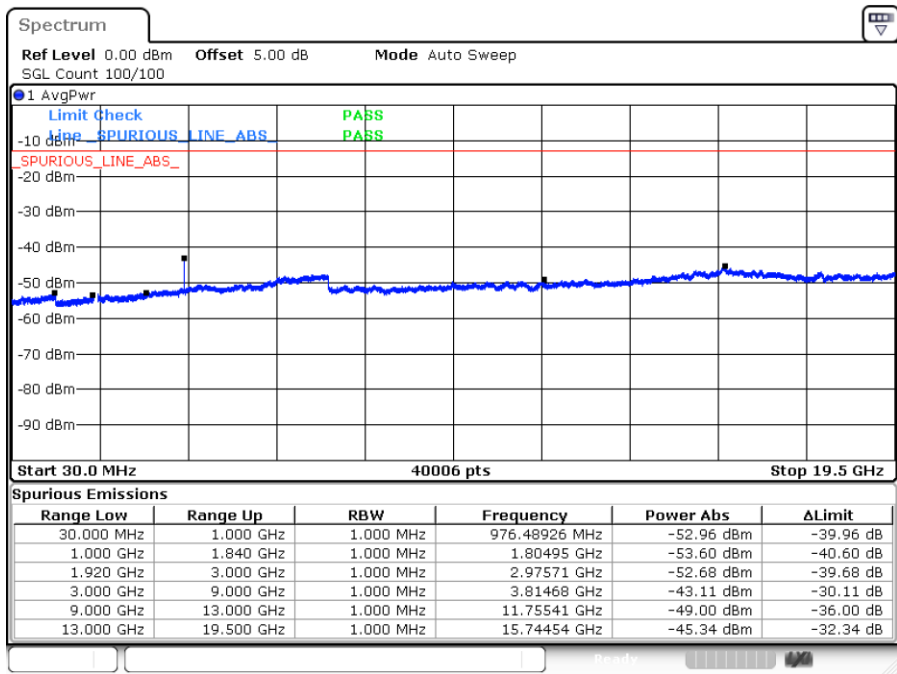
Middle Channel / QPSK



Date: 25 JUN.2021 09:38:22

Date: 25 JUN.2021 09:45:03

Highest Channel / QPSK

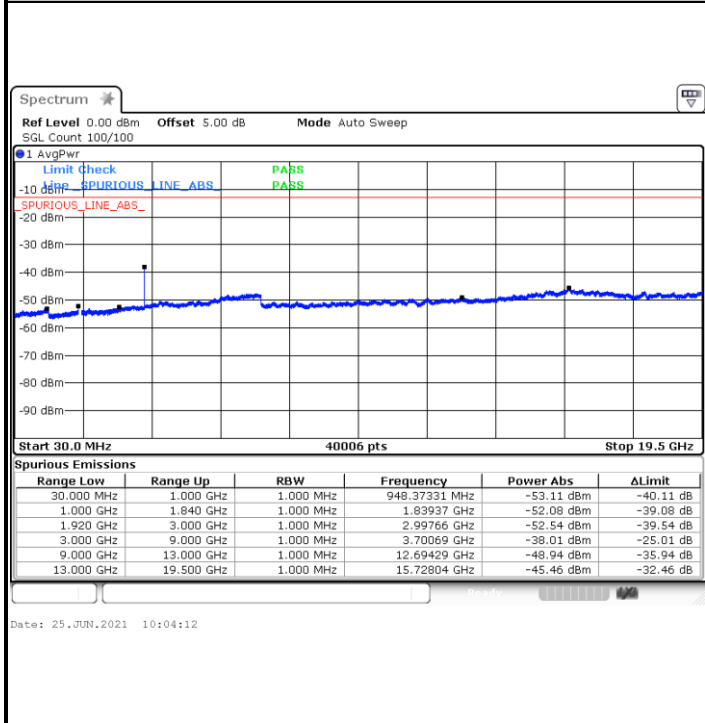


Date: 25 JUN.2021 09:46:47

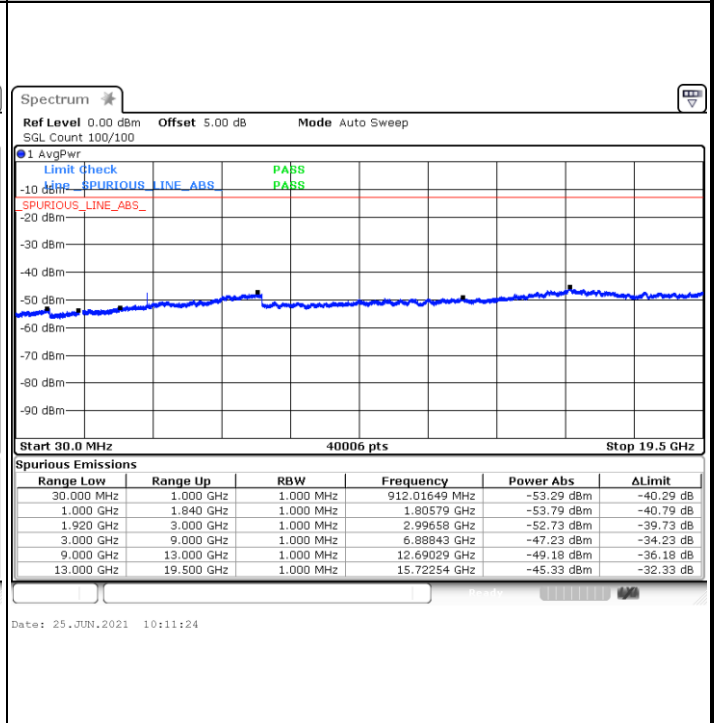


LTE Band 2 / 5MHz

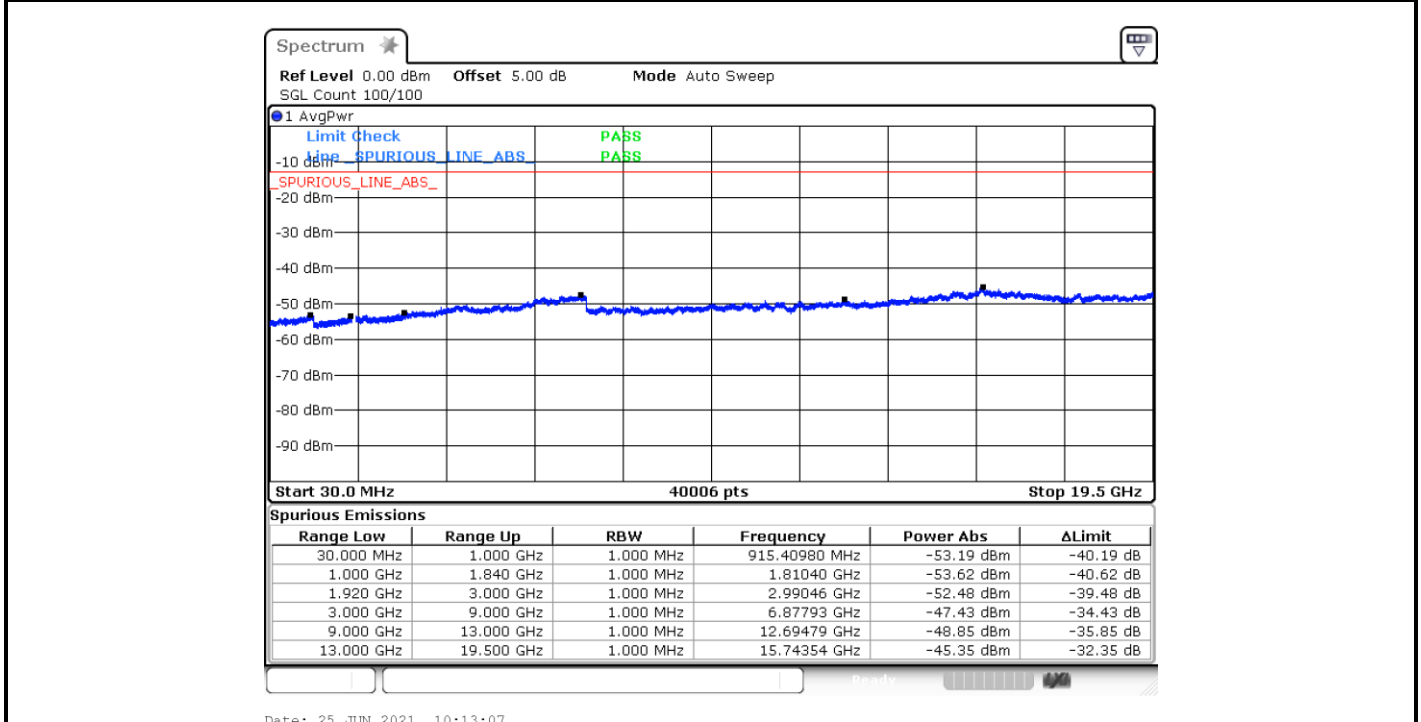
Lowest Channel / QPSK



Middle Channel / QPSK



Highest Channel / QPSK

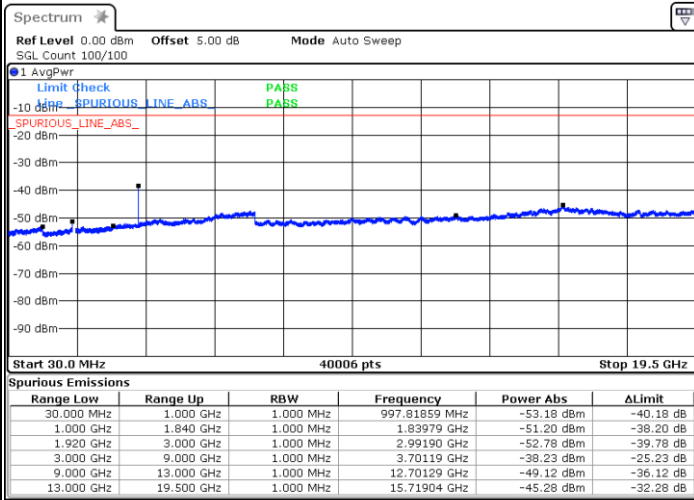




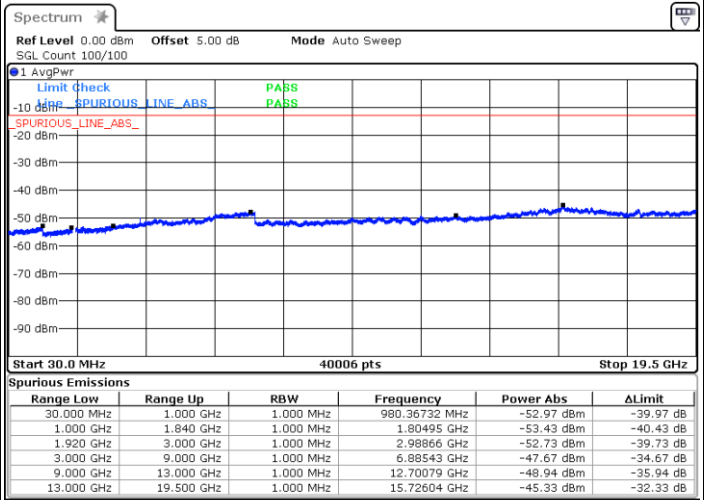
LTE Band 2 / 10MHz

Lowest Channel / QPSK

Middle Channel / QPSK

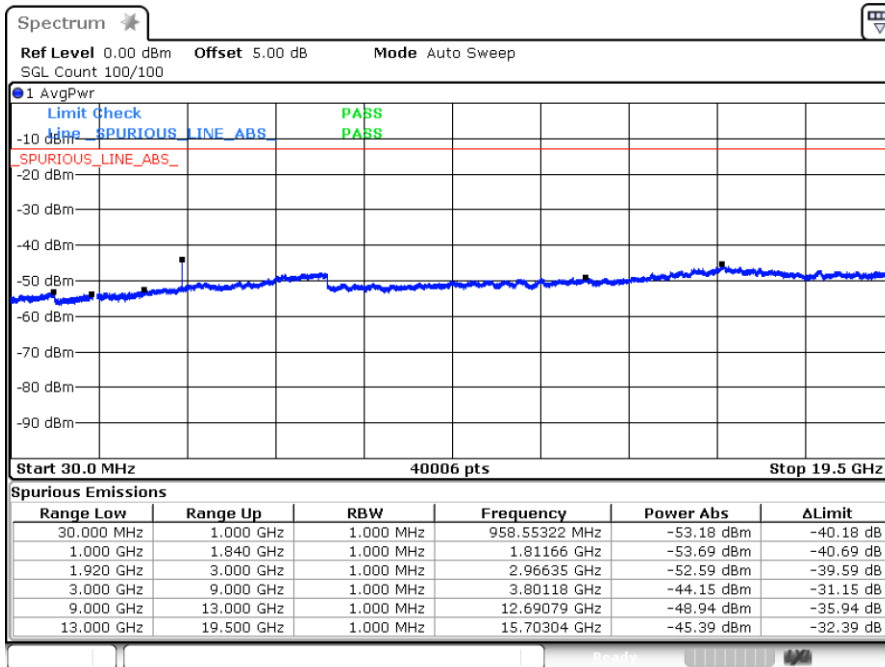


Date: 25 JUN.2021 10:19:40



Date: 25 JUN.2021 10:25:46

Highest Channel / QPSK

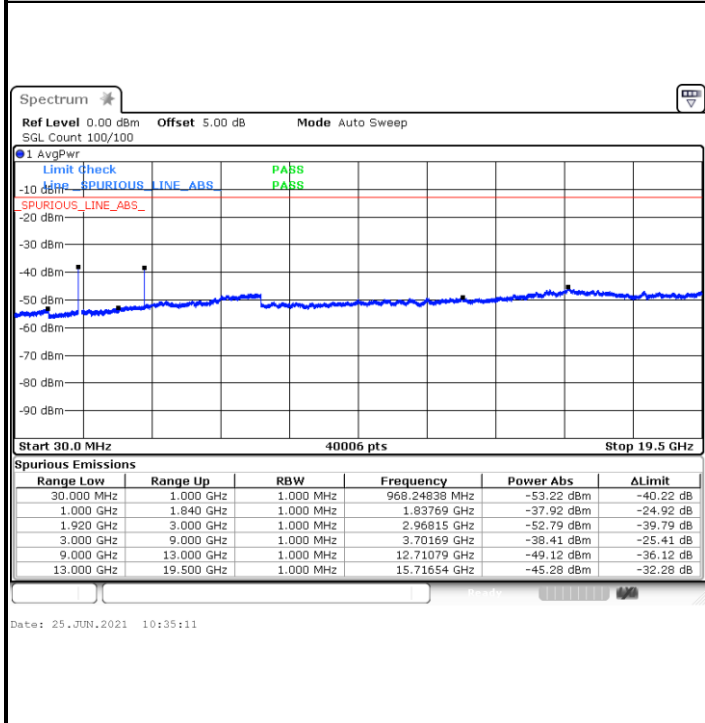


Date: 25 JUN.2021 10:28:13

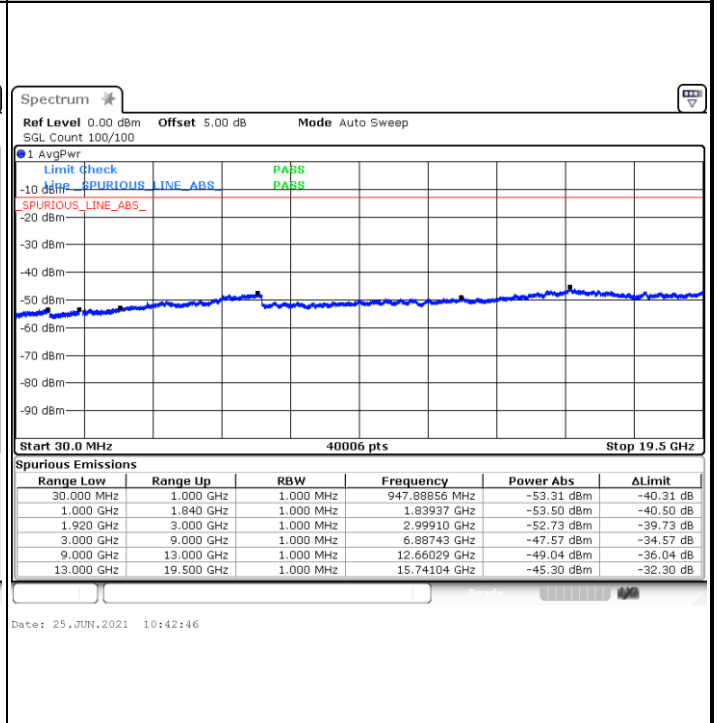


LTE Band 2 / 15MHz

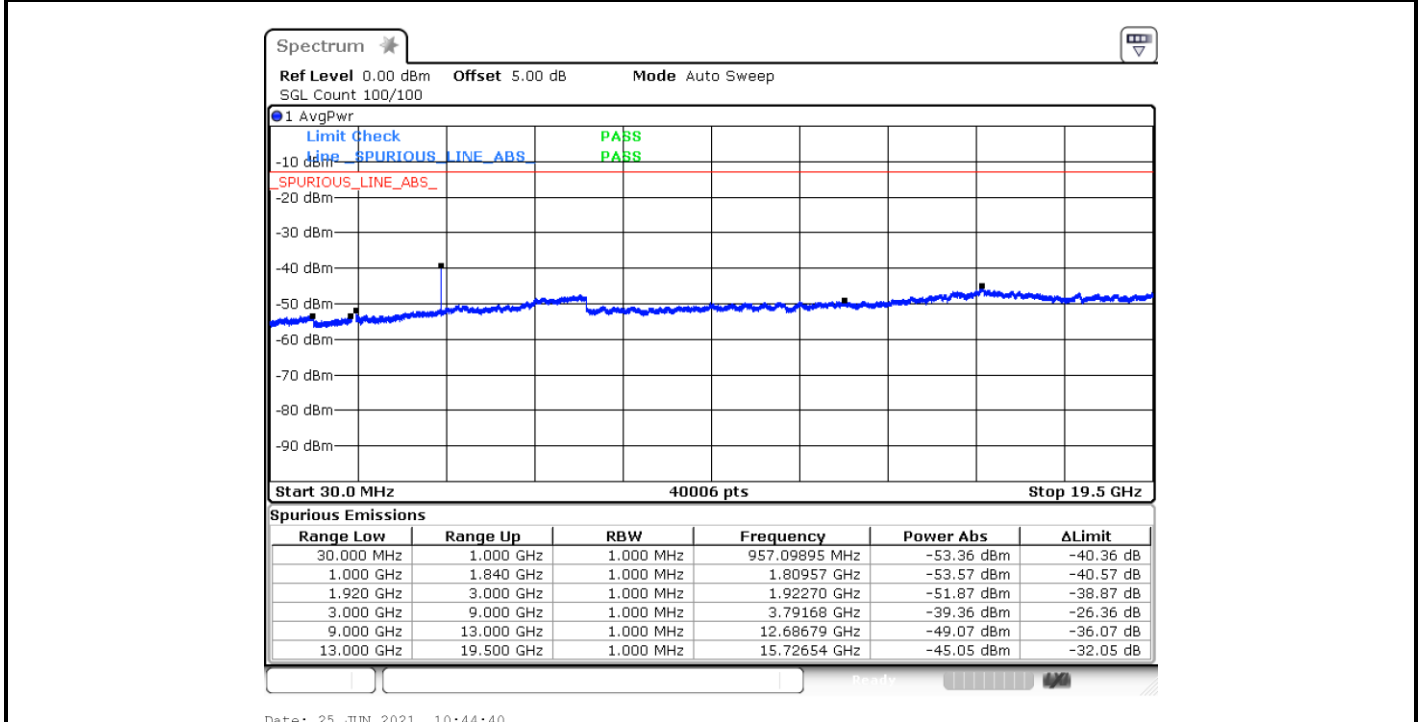
Lowest Channel / QPSK



Middle Channel / QPSK



Highest Channel / QPSK

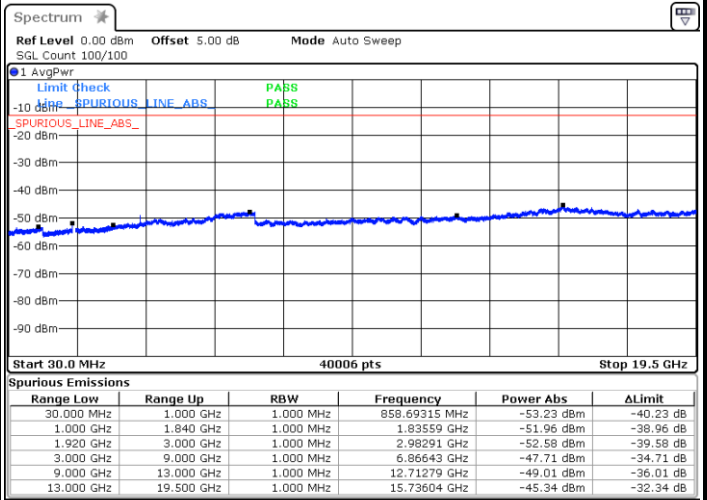
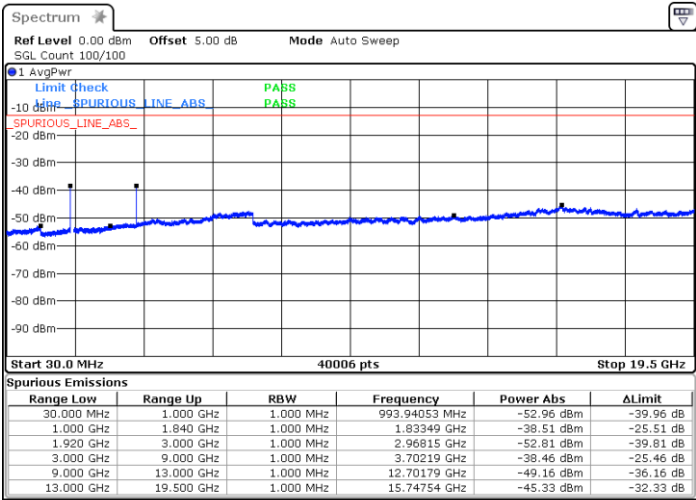




LTE Band 2 / 20MHz

Lowest Channel / QPSK

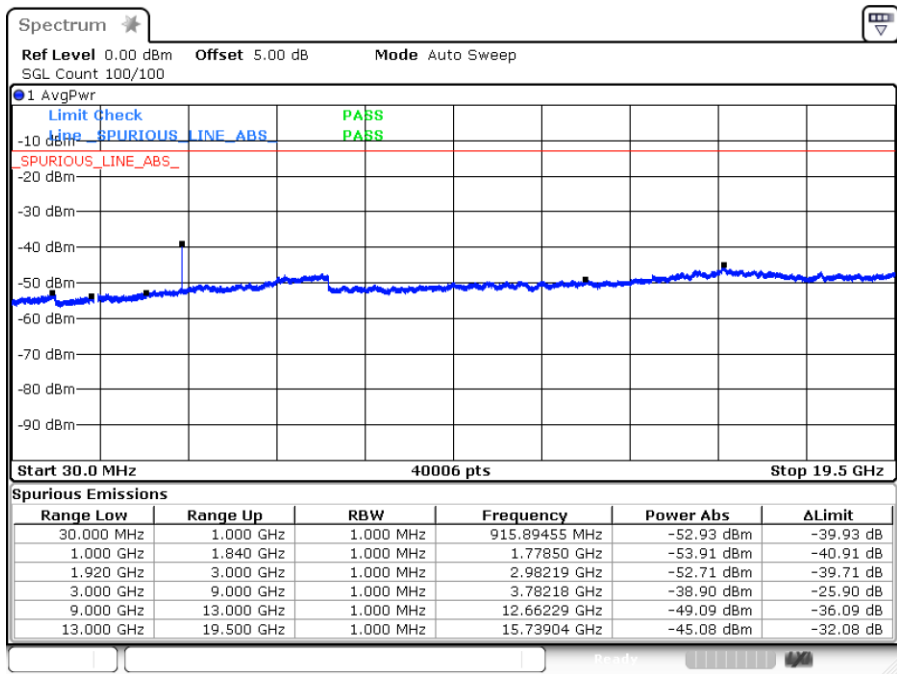
Middle Channel / QPSK



Date: 25 JUN 2021 11:00:57

Date: 25 JUN 2021 11:02:39

Highest Channel / QPSK



Date: 25 JUN 2021 11:09:54



Frequency Stability

Test Conditions		LTE Band 2 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0011	PASS
40	Normal Voltage	0.0001	
30	Normal Voltage	0.0010	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0008	
0	Normal Voltage	0.0017	
-10	Normal Voltage	0.0016	
-20	Normal Voltage	0.0004	
-30	Normal Voltage	0.0018	
20	Maximum Voltage	0.0007	
20	Normal Voltage	0.0014	
20	Battery End Point	0.0009	

Note:

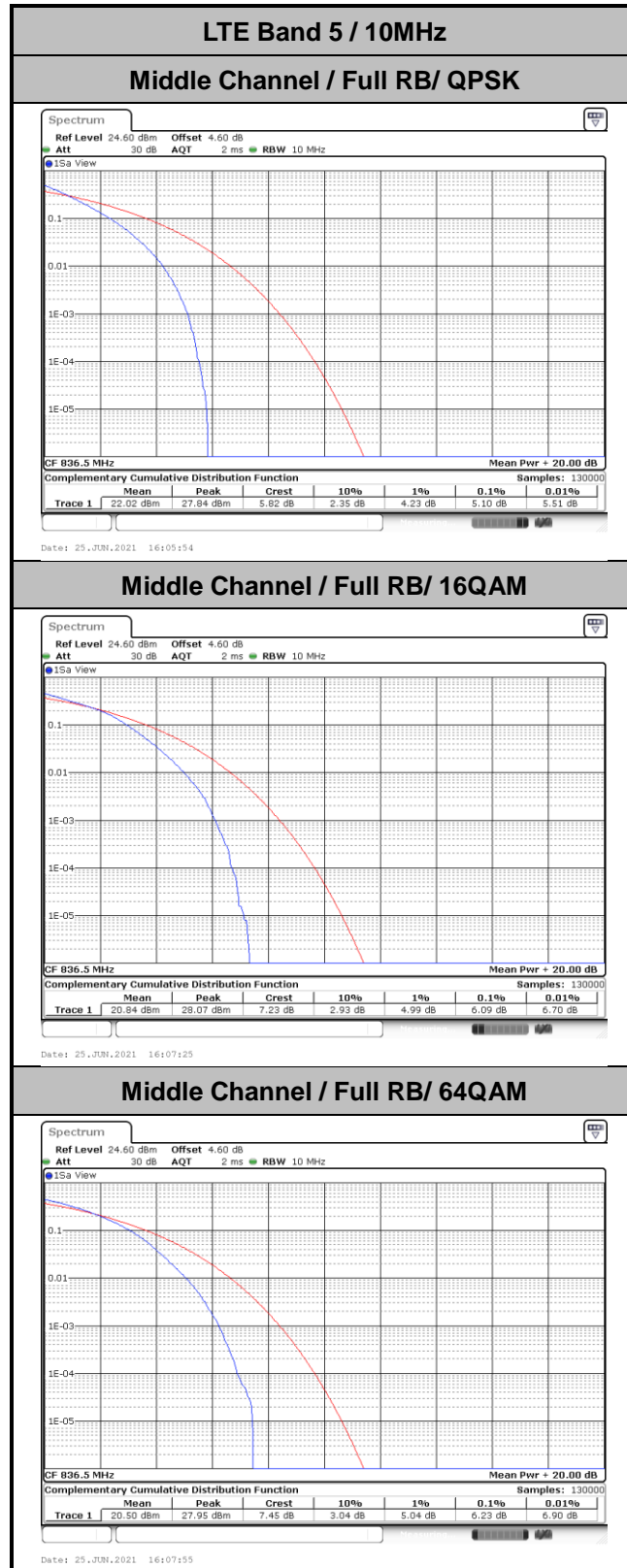
1. Normal Voltage =3.8 V. ; Battery End Point (BEP) =3.6 V. ; Maximum Voltage =4.4 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



LTE Band 5

Peak-to-Average Ratio

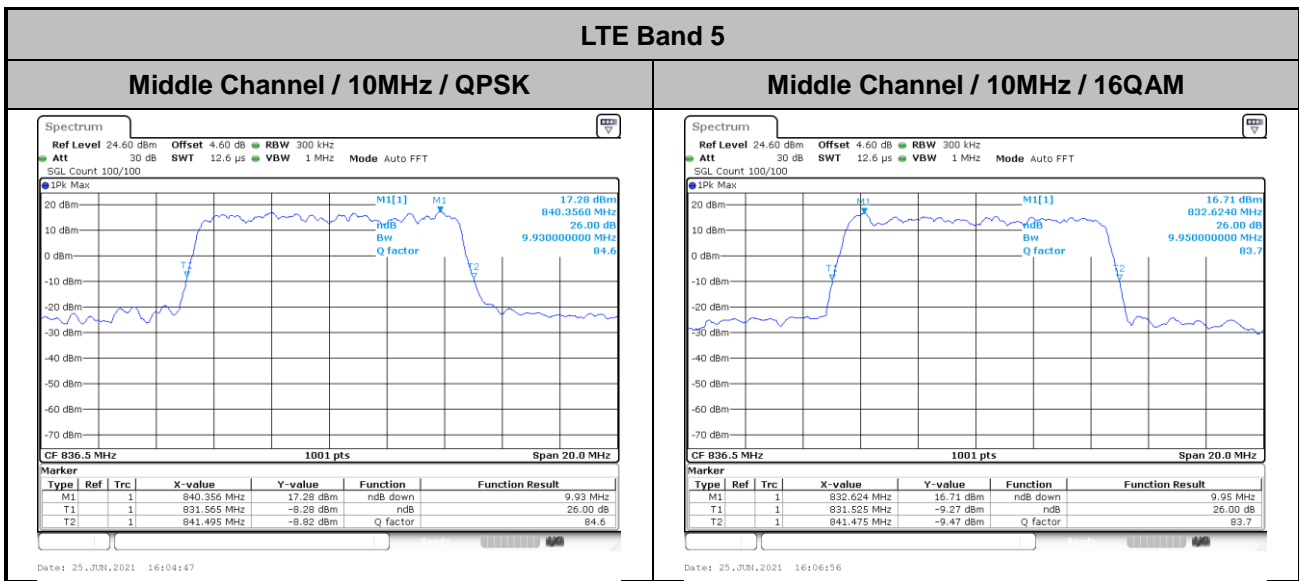
Mode	LTE Band 5 / 10MHz			
Mod.	QPSK	16QAM	64QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Result
Middle CH	5.10	6.09	6.23	PASS





26dB Bandwidth

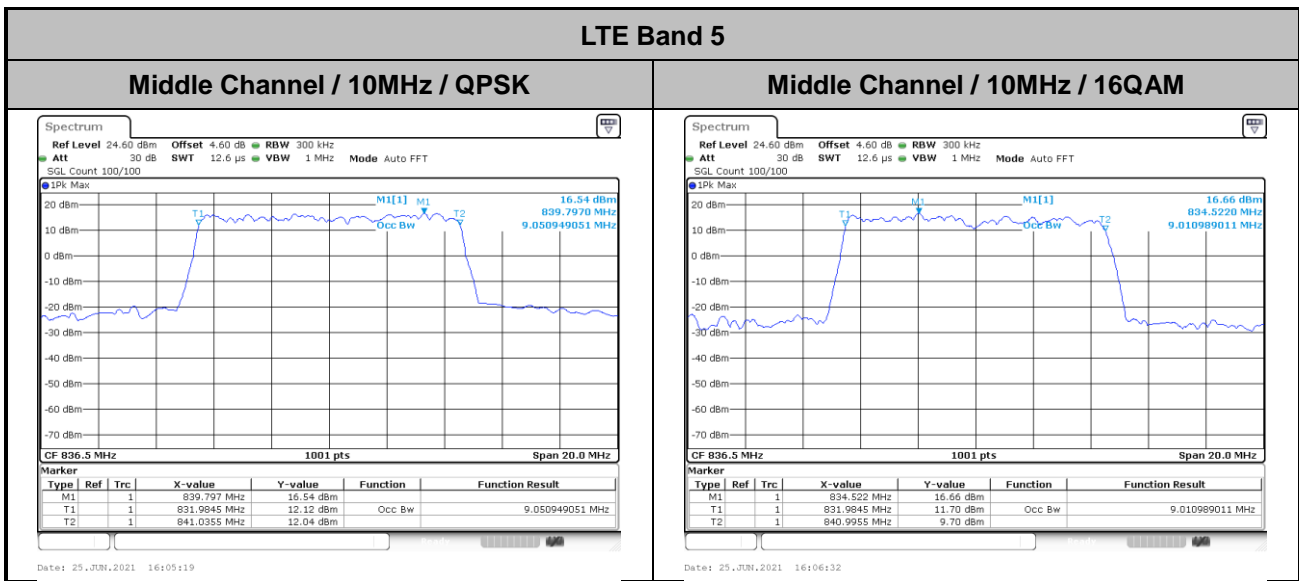
Mode	LTE Band 5 : 26dB BW(MHz)	
BW	10MHz	
Mod.	QPSK	16QAM
Middle CH	9.93	9.95





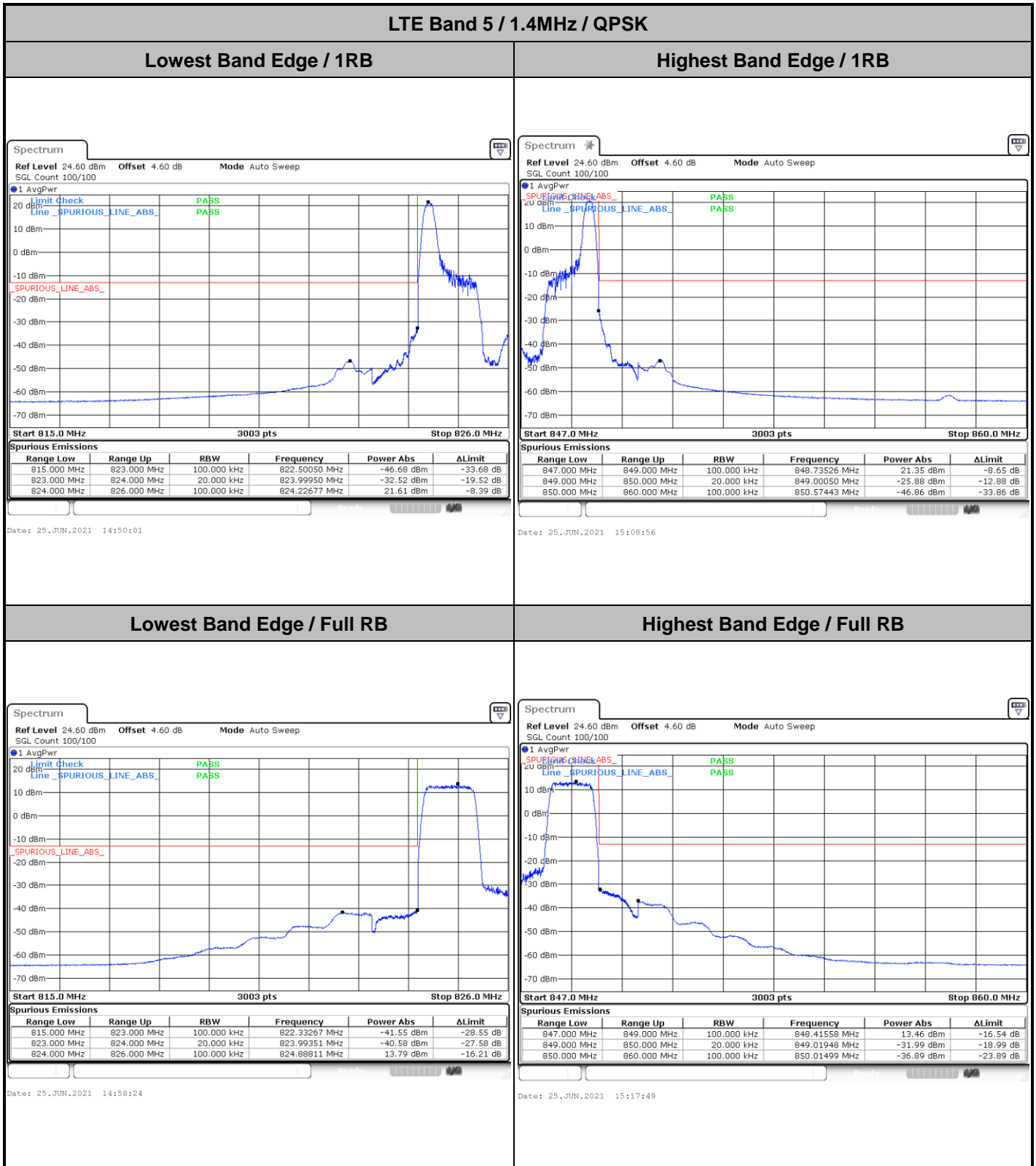
Occupied Bandwidth

Mode	LTE Band 5 : 99%OBW(MHz)	
BW	10MHz	
Mod.	QPSK	16QAM
Middle CH	9.05	9.01





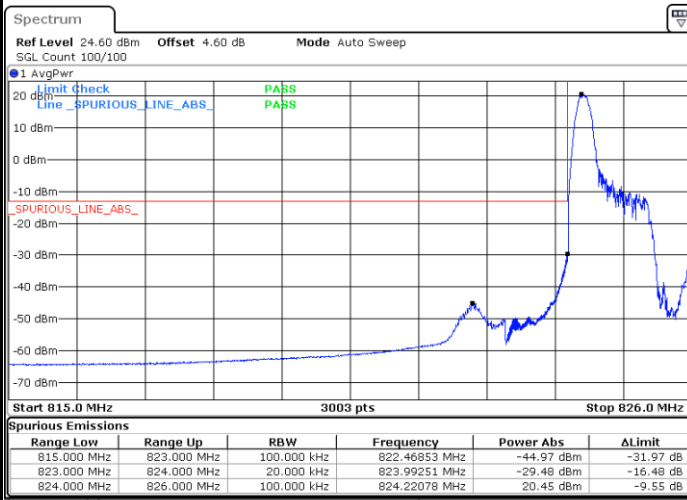
Conducted Band Edge





LTE Band 5 / 1.4MHz / 16QAM

Lowest Band Edge / 1 RB



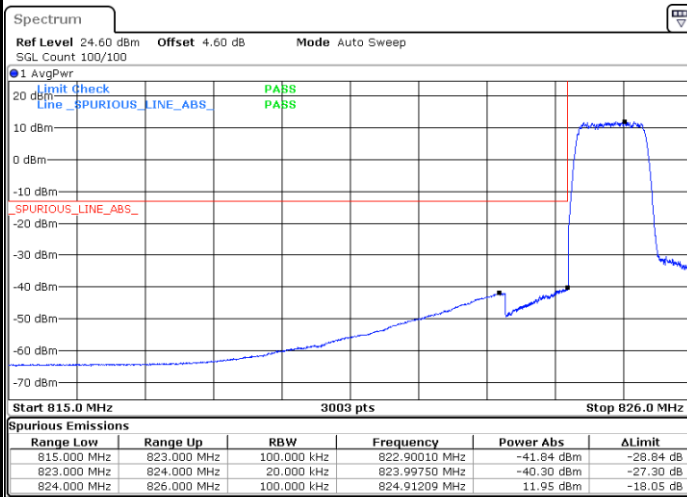
Date: 25 JUN.2021 14:51:41

Highest Band Edge / 1 RB



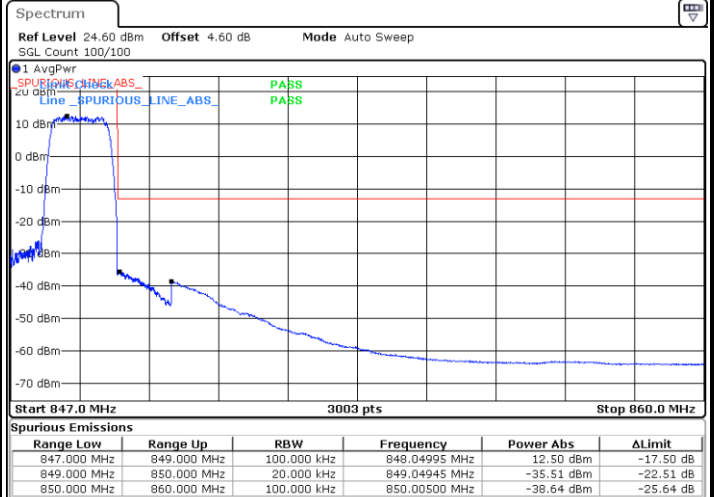
Date: 25 JUN.2021 15:10:46

Lowest Band Edge / Full RB



Date: 25 JUN.2021 14:56:46

Highest Band Edge / Full RB



Date: 25 JUN.2021 15:16:00



LTE Band 5 / 1.4MHz / 64QAM

Lowest Band Edge / 1 RB



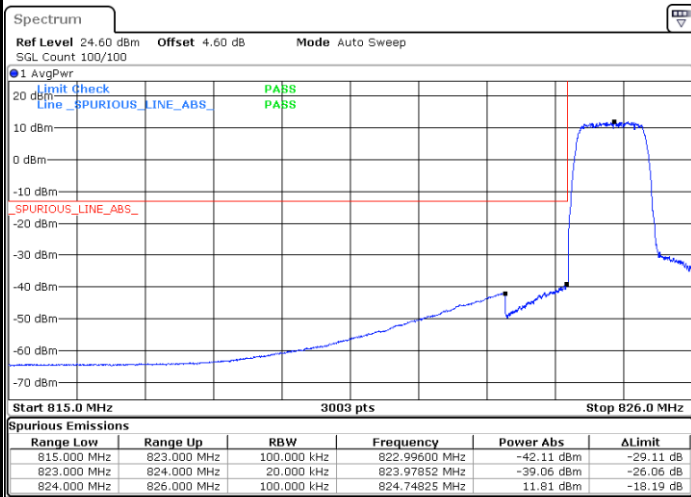
Date: 25 JUN.2021 14:53:20

Highest Band Edge / 1 RB



Date: 25 JUN.2021 15:12:30

Lowest Band Edge / Full RB



Date: 25 JUN.2021 14:55:03

Highest Band Edge / Full RB

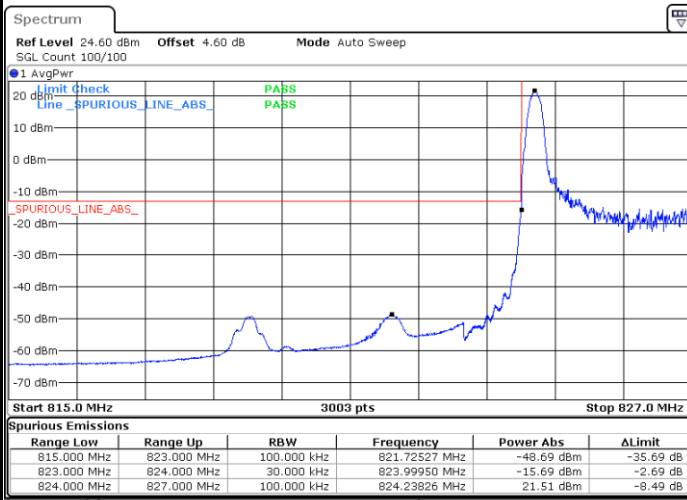


Date: 25 JUN.2021 15:14:15



LTE Band 5 / 3MHz / QPSK

Lowest Band Edge / 1RB



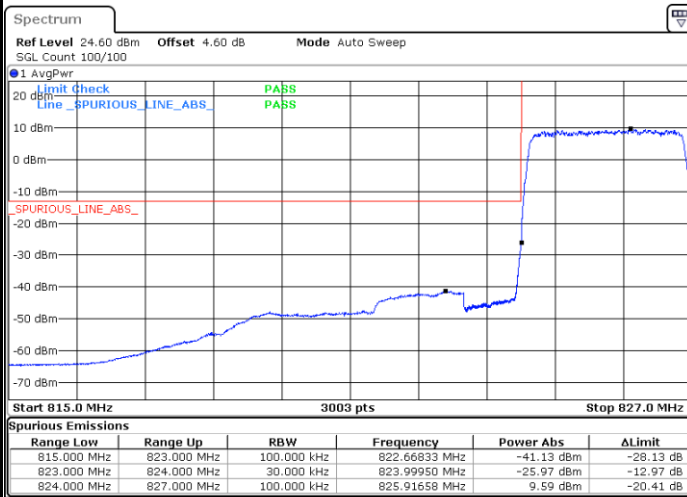
Date: 25 JUN.2021 15:21:09

Highest Band Edge / 1 RB



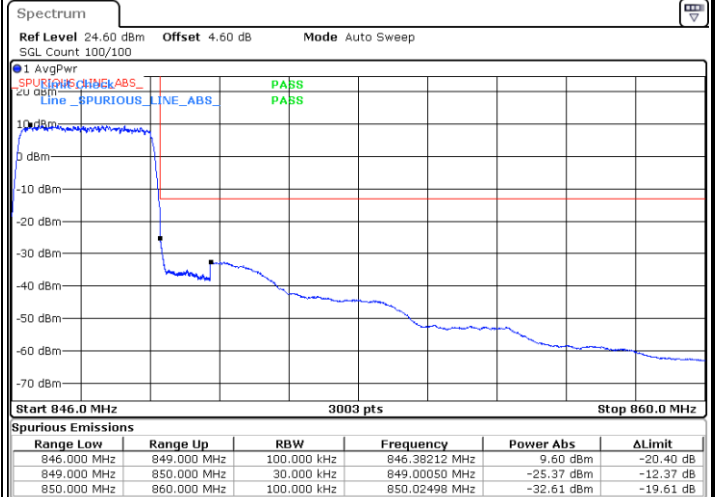
Date: 25 JUN.2021 15:31:48

Lowest Band Edge / Full RB



Date: 25 JUN.2021 15:27:08

Highest Band Edge / Full RB

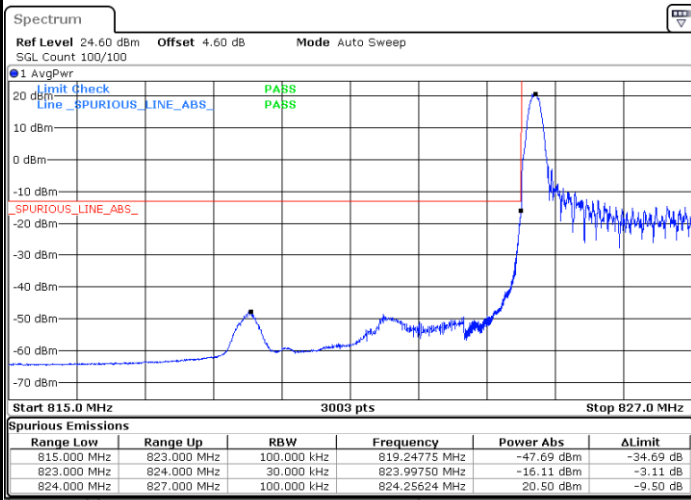


Date: 25 JUN.2021 15:38:06



LTE Band 5 / 3MHz / 16QAM

Lowest Band Edge / 1 RB



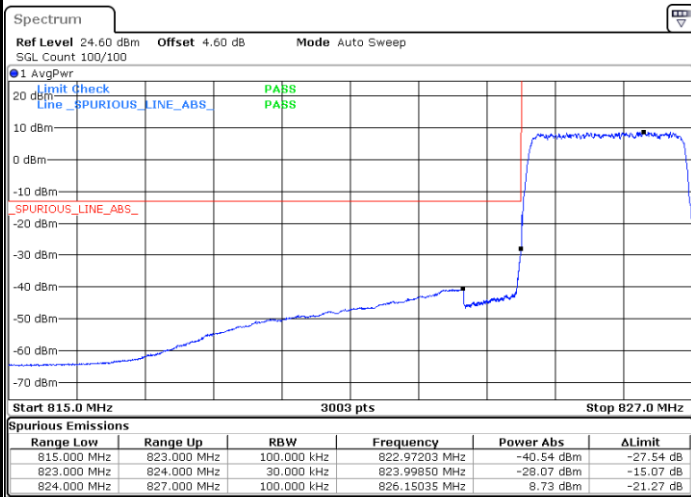
Date: 25 JUN.2021 15:22:25

Highest Band Edge / 1 RB



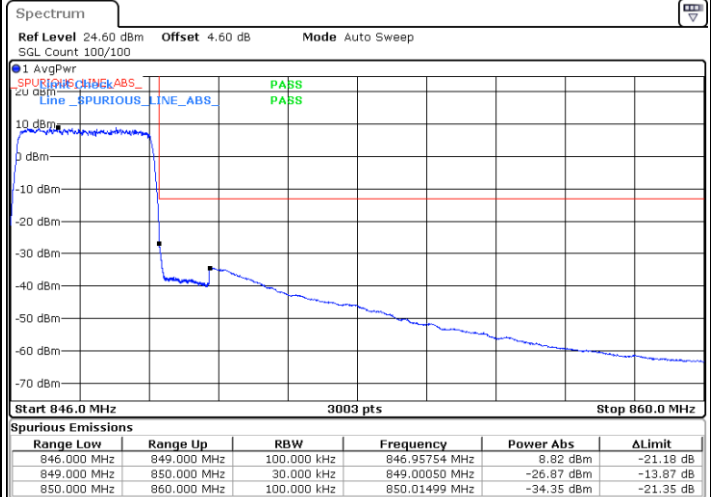
Date: 25 JUN.2021 15:33:04

Lowest Band Edge / Full RB



Date: 25 JUN.2021 15:25:58

Highest Band Edge / Full RB

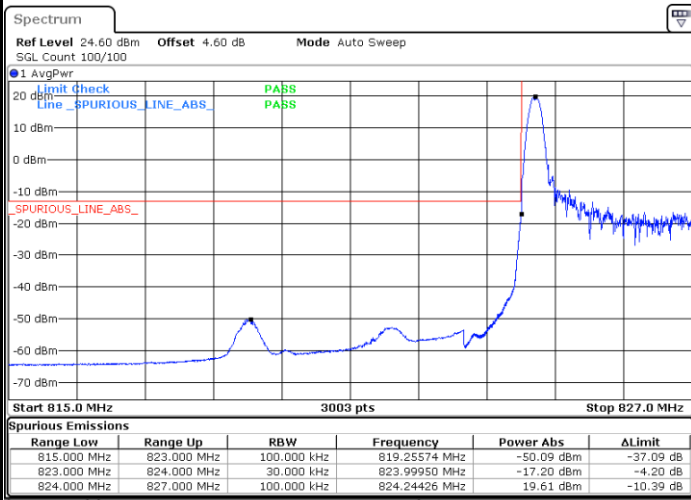


Date: 25 JUN.2021 15:36:52



LTE Band 5 / 3MHz / 64QAM

Lowest Band Edge / 1 RB



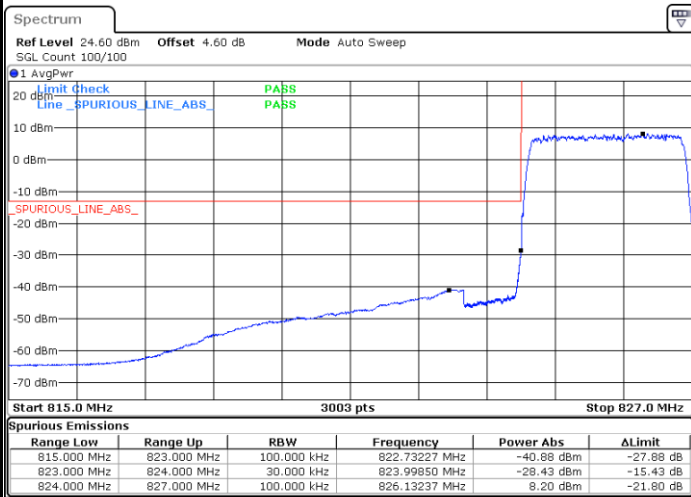
Date: 25 JUN.2021 15:23:36

Highest Band Edge / 1 RB



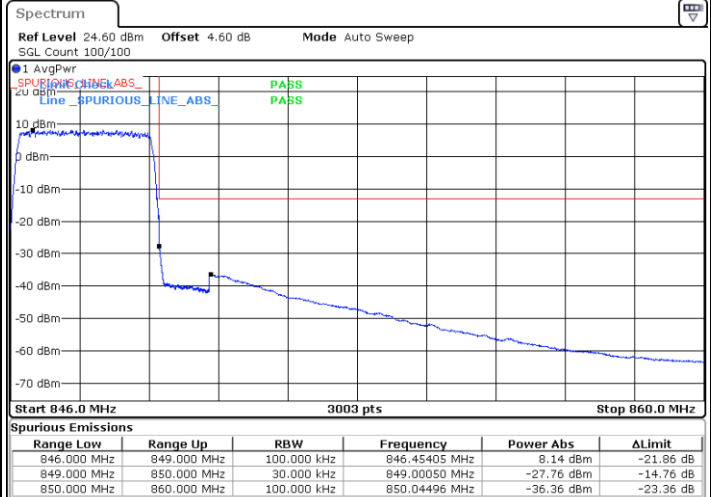
Date: 25 JUN.2021 15:34:19

Lowest Band Edge / Full RB



Date: 25 JUN.2021 15:24:48

Highest Band Edge / Full RB

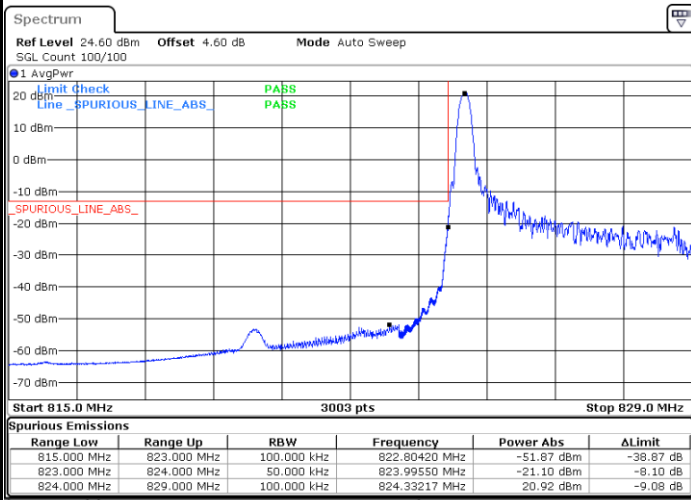


Date: 25 JUN.2021 15:35:35



LTE Band 5 / 5MHz / QPSK

Lowest Band Edge / 1 RB



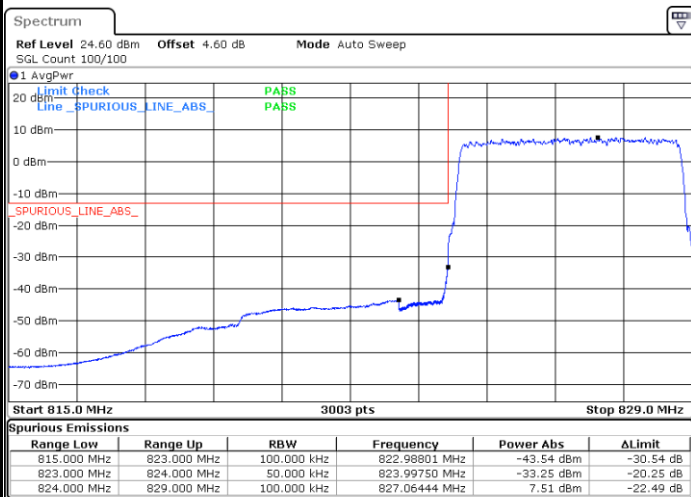
Date: 25 JUN.2021 15:41:18

Highest Band Edge / 1 RB



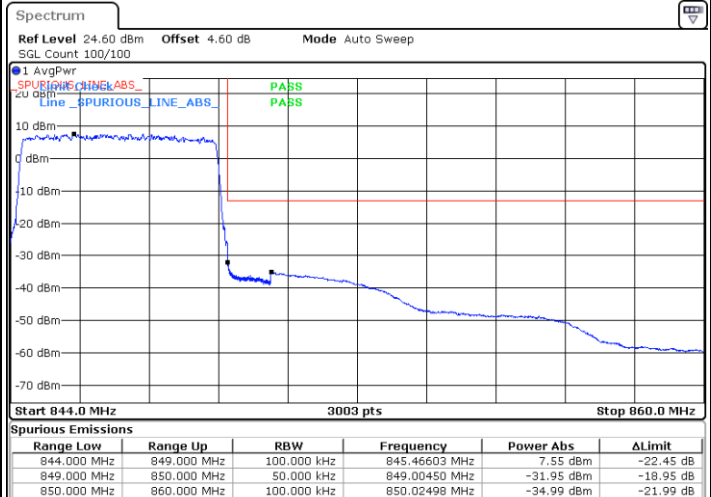
Date: 25 JUN.2021 15:50:41

Lowest Band Edge / Full RB



Date: 25 JUN.2021 15:46:11

Highest Band Edge / Full RB

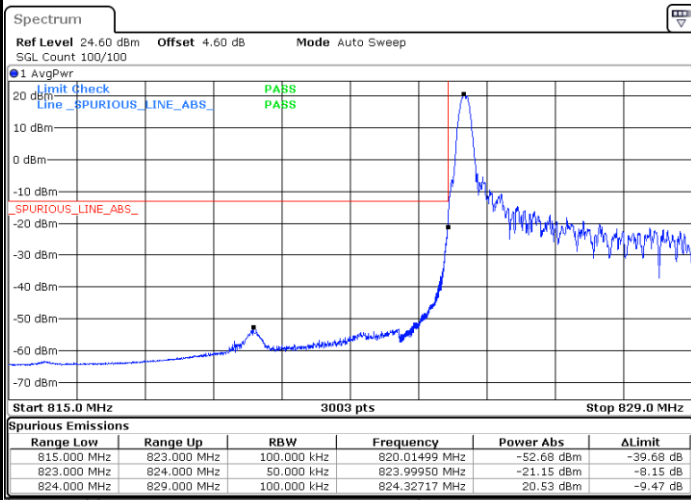


Date: 25 JUN.2021 15:56:06



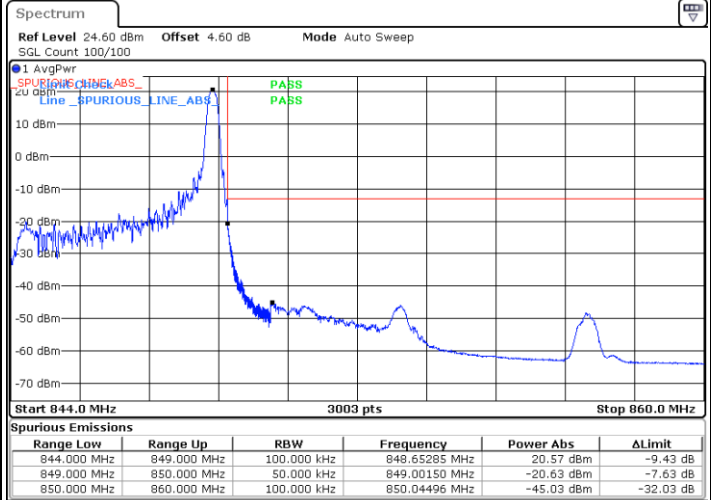
LTE Band 5 / 5MHz / 16QAM

Lowest Band Edge / 1RB



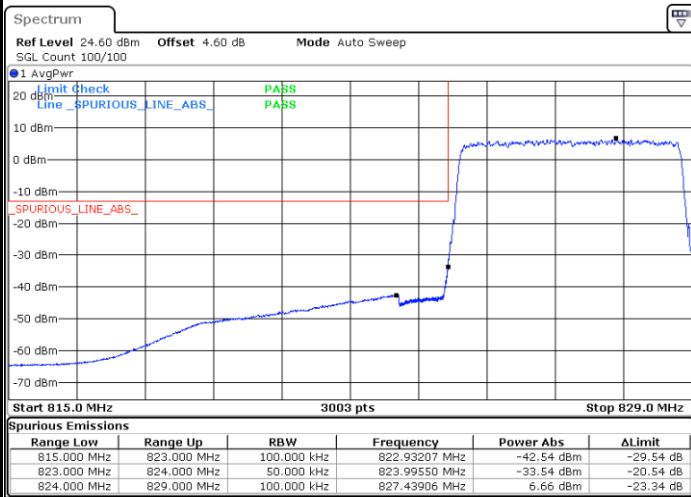
Date: 25 JUN.2021 15:42:14

Highest Band Edge / 1 RB



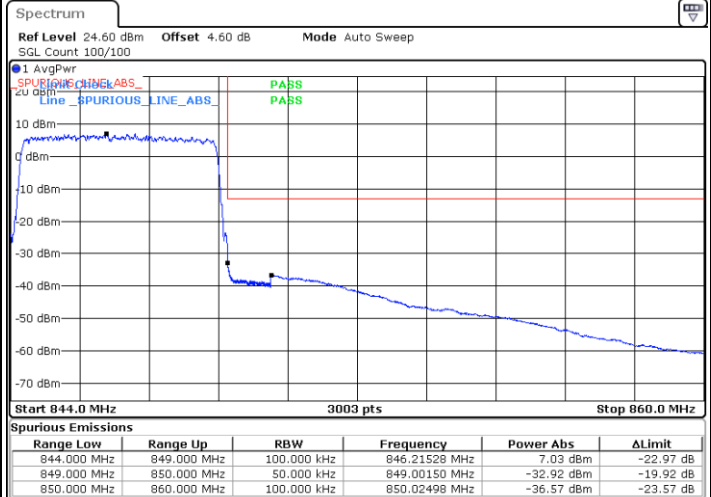
Date: 25 JUN.2021 15:51:58

Lowest Band Edge / Full RB



Date: 25 JUN.2021 15:45:14

Highest Band Edge / Full RB

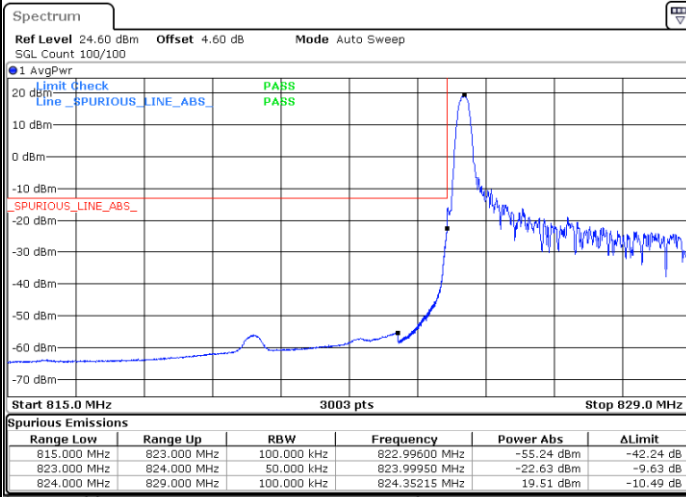


Date: 25 JUN.2021 15:55:04



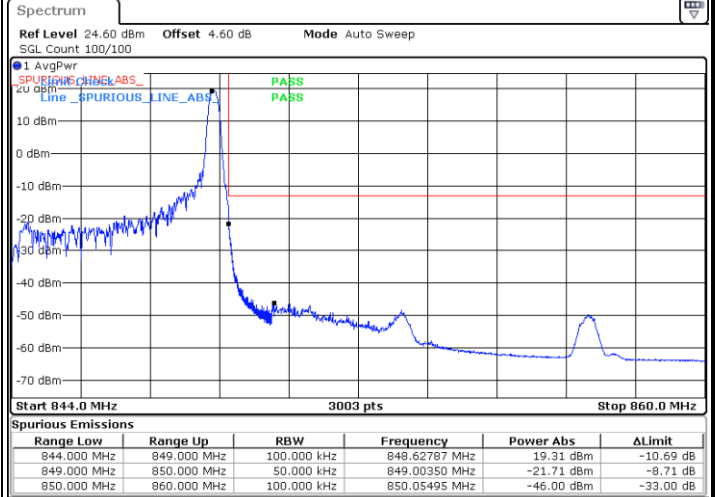
LTE Band 5 / 5MHz / 64QAM

Lowest Band Edge / 1RB



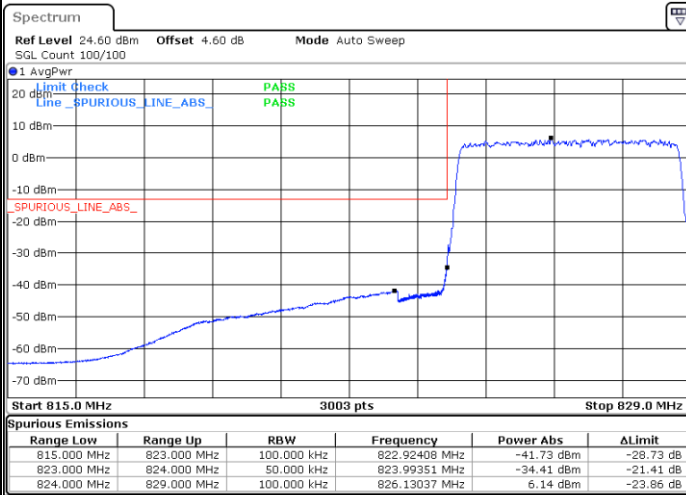
Date: 25 JUN.2021 15:43:09

Highest Band Edge / 1 RB



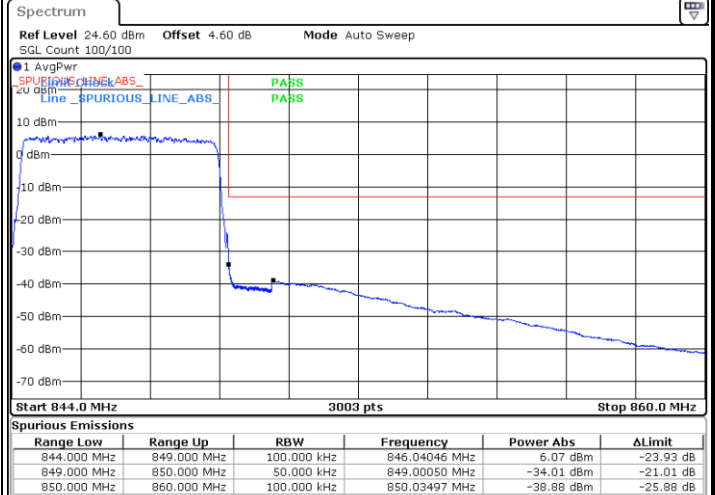
Date: 25 JUN.2021 15:53:04

Lowest Band Edge / Full RB



Date: 25 JUN.2021 15:44:06

Highest Band Edge / Full RB



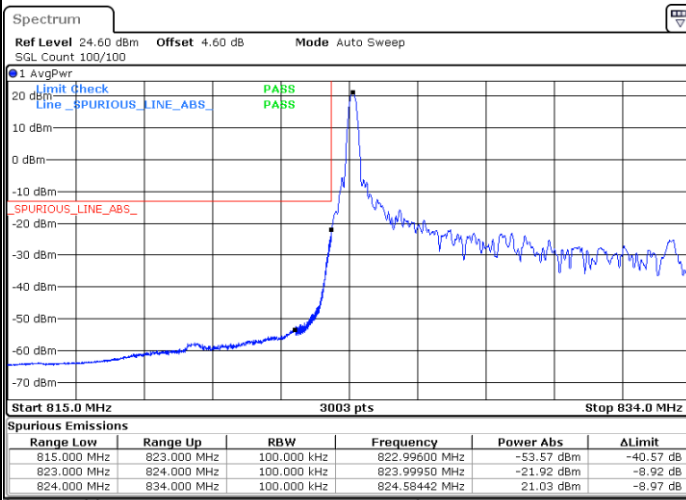
Date: 25 JUN.2021 15:54:05



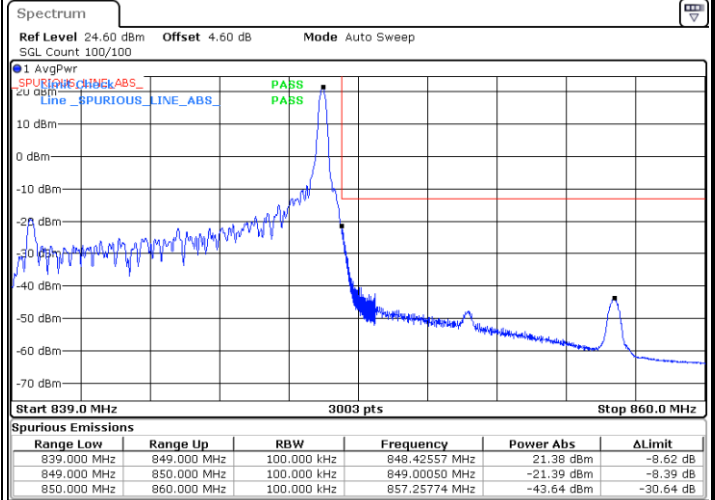
LTE Band 5 / 10MHz / QPSK

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB



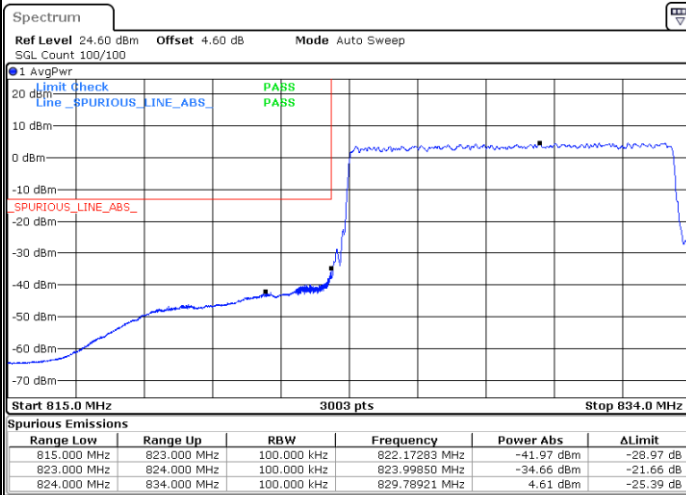
Date: 25 JUN.2021 15:59:44



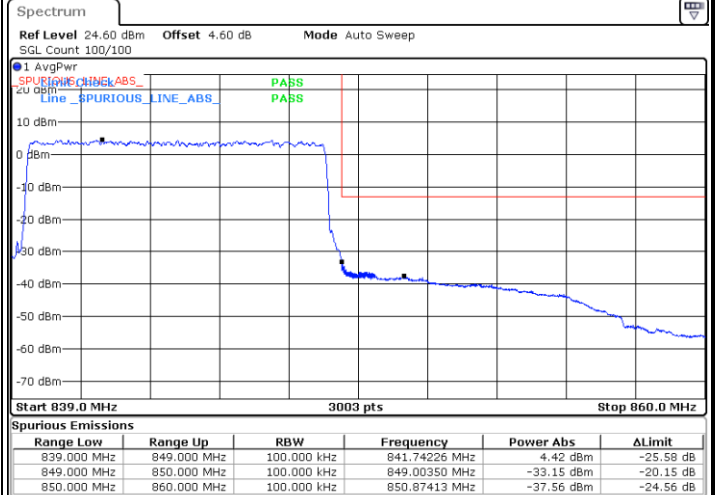
Date: 25 JUN.2021 16:20:14

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 25 JUN.2021 16:04:02

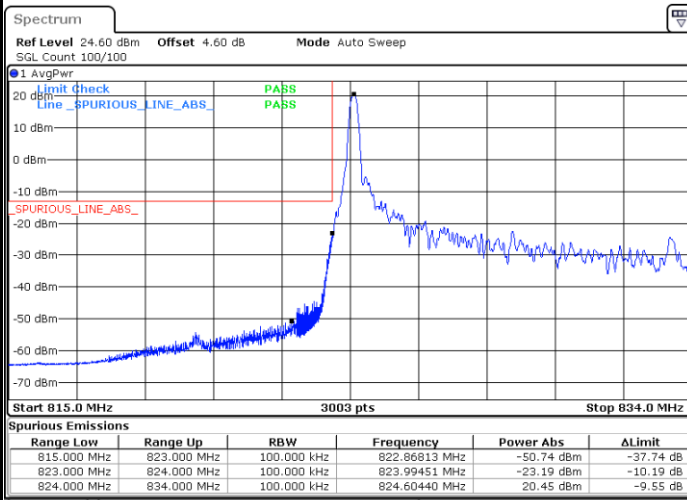


Date: 25 JUN.2021 16:24:59

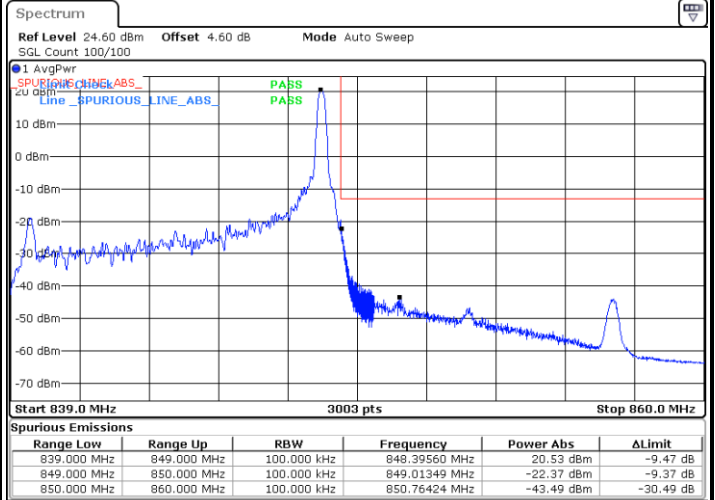


LTE Band 5 / 10MHz / 16QAM

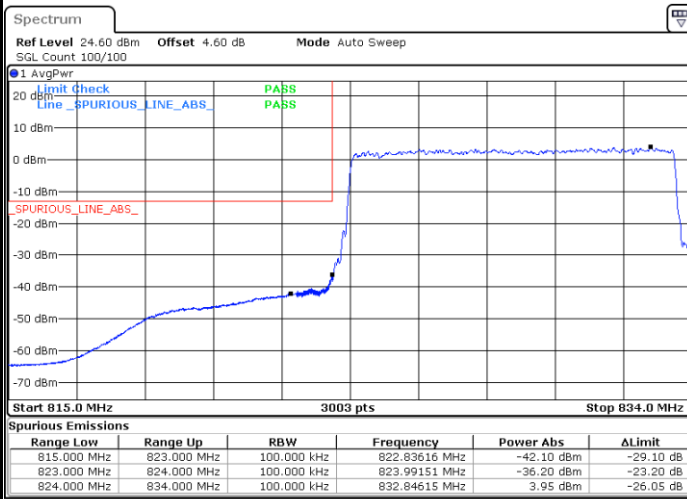
Lowest Band Edge / 1 RB



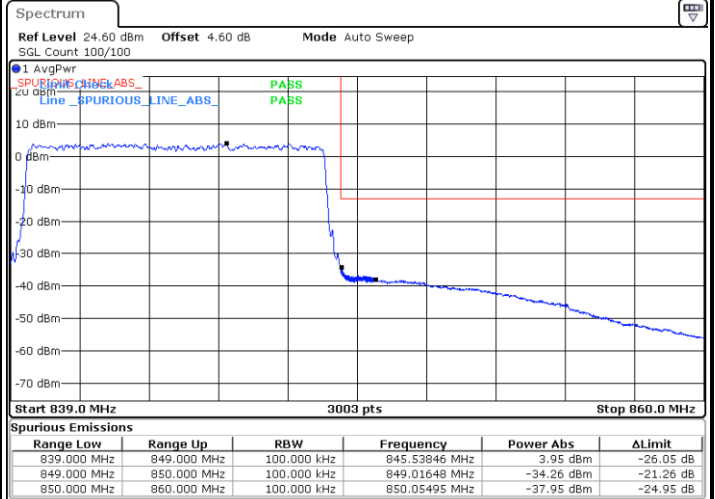
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



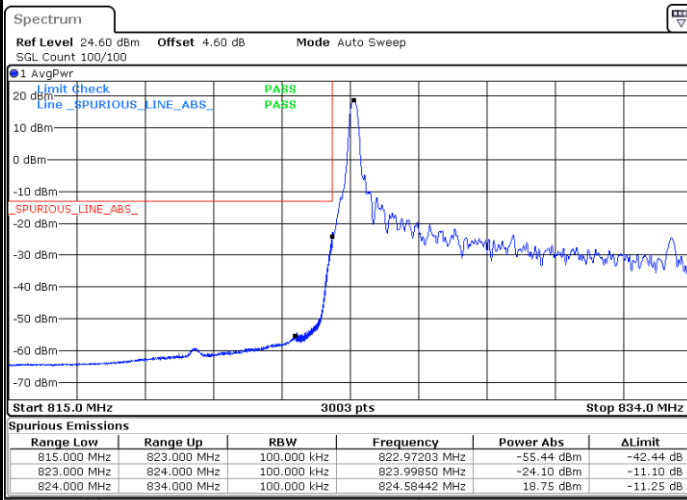
Highest Band Edge / Full RB





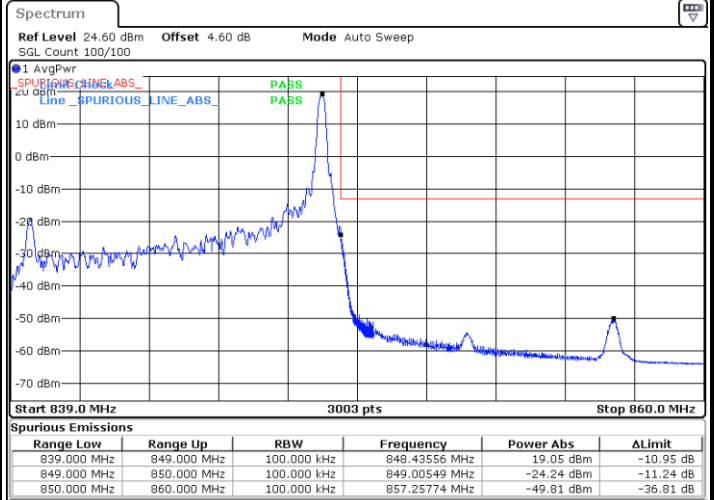
LTE Band 5 / 10MHz / 64QAM

Lowest Band Edge / 1 RB



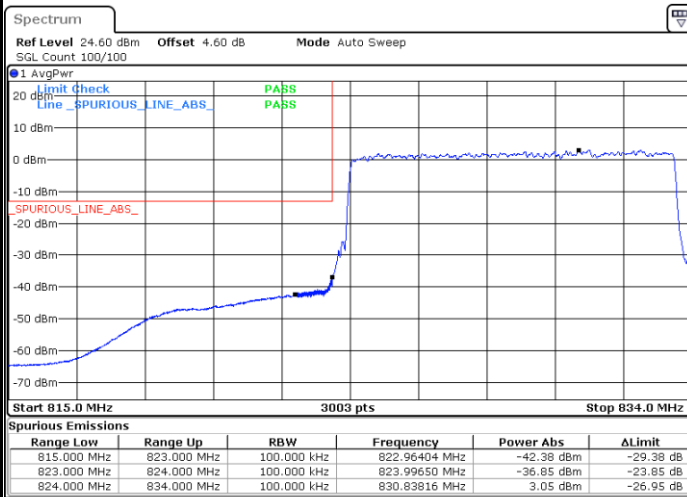
Date: 25 JUN.2021 16:01:24

Highest Band Edge / 1 RB



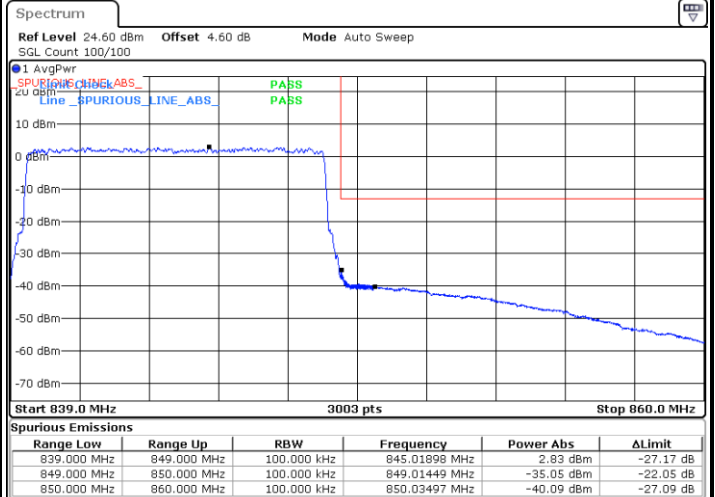
Date: 25 JUN.2021 16:22:08

Lowest Band Edge / Full RB



Date: 25 JUN.2021 16:02:12

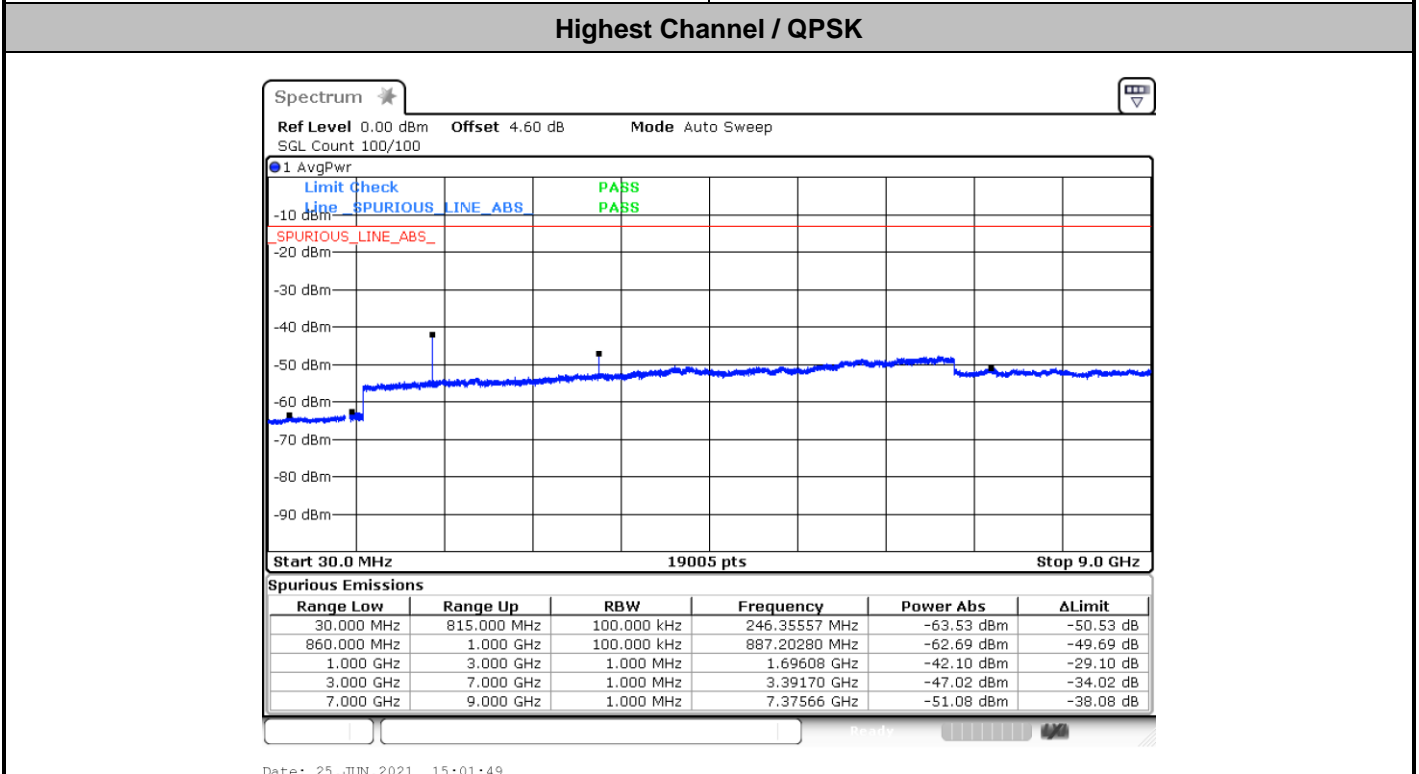
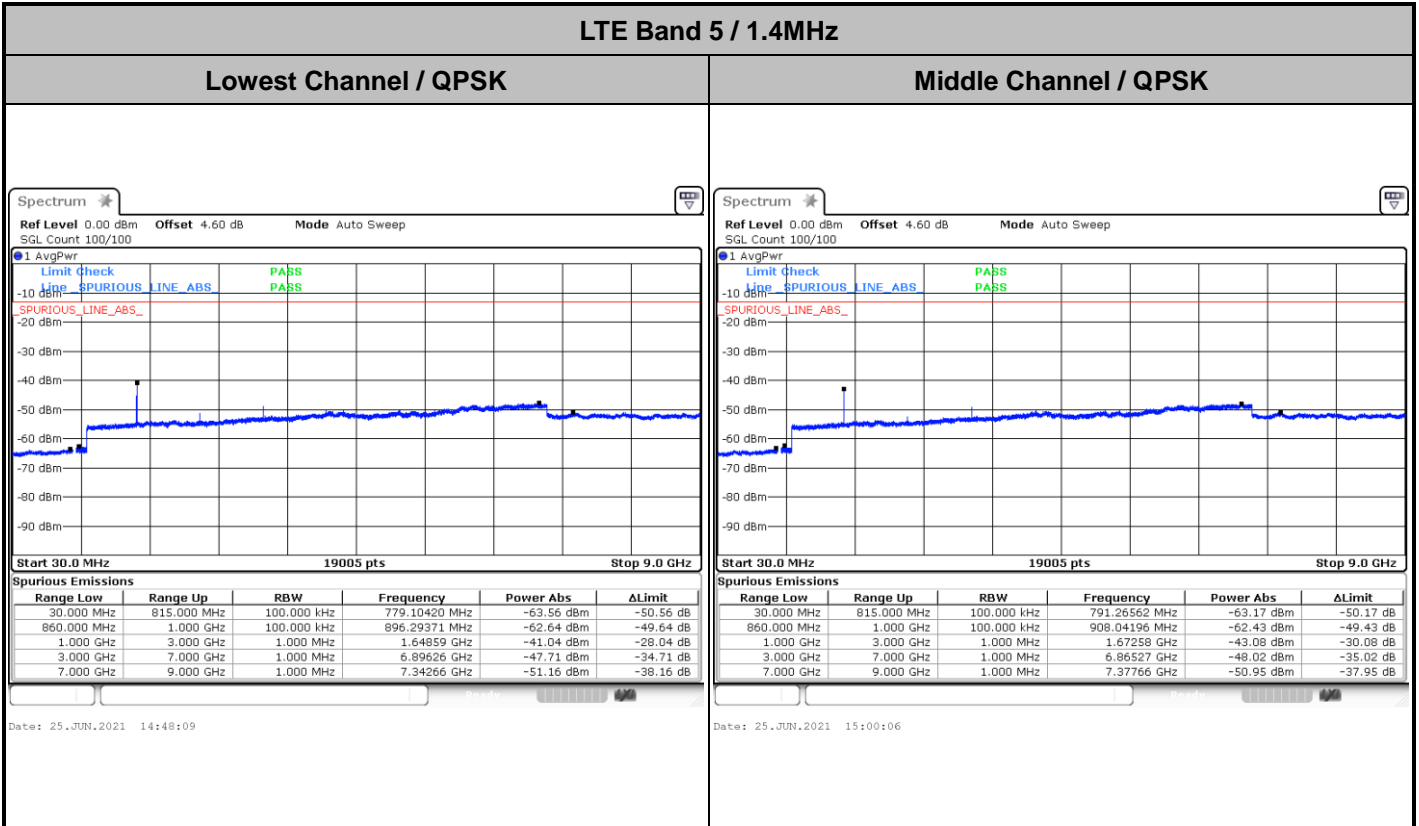
Highest Band Edge / Full RB



Date: 25 JUN.2021 16:23:10



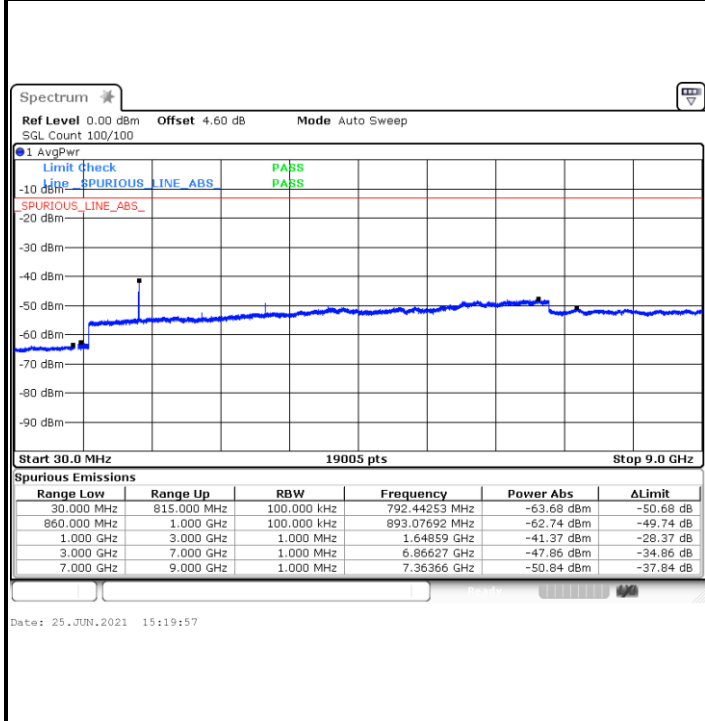
Conducted Spurious Emission



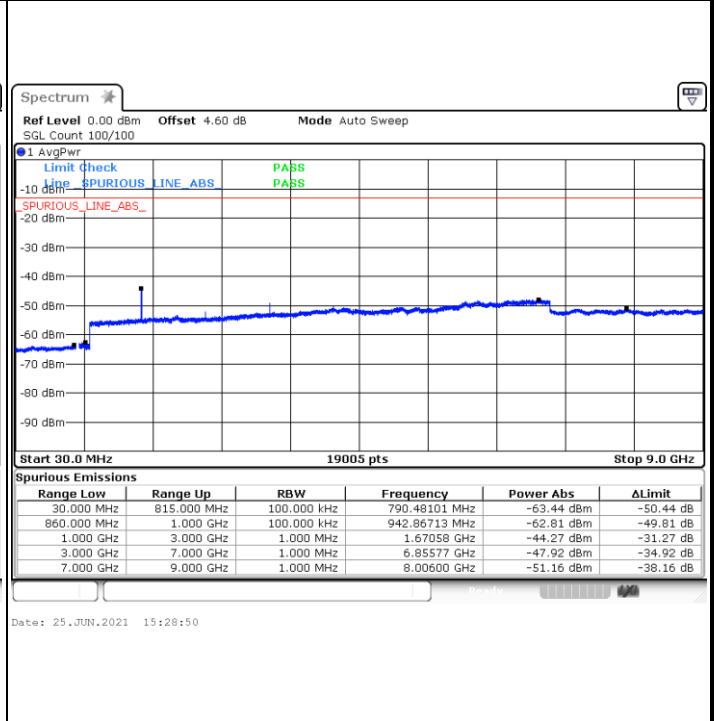


LTE Band 5 / 3MHz

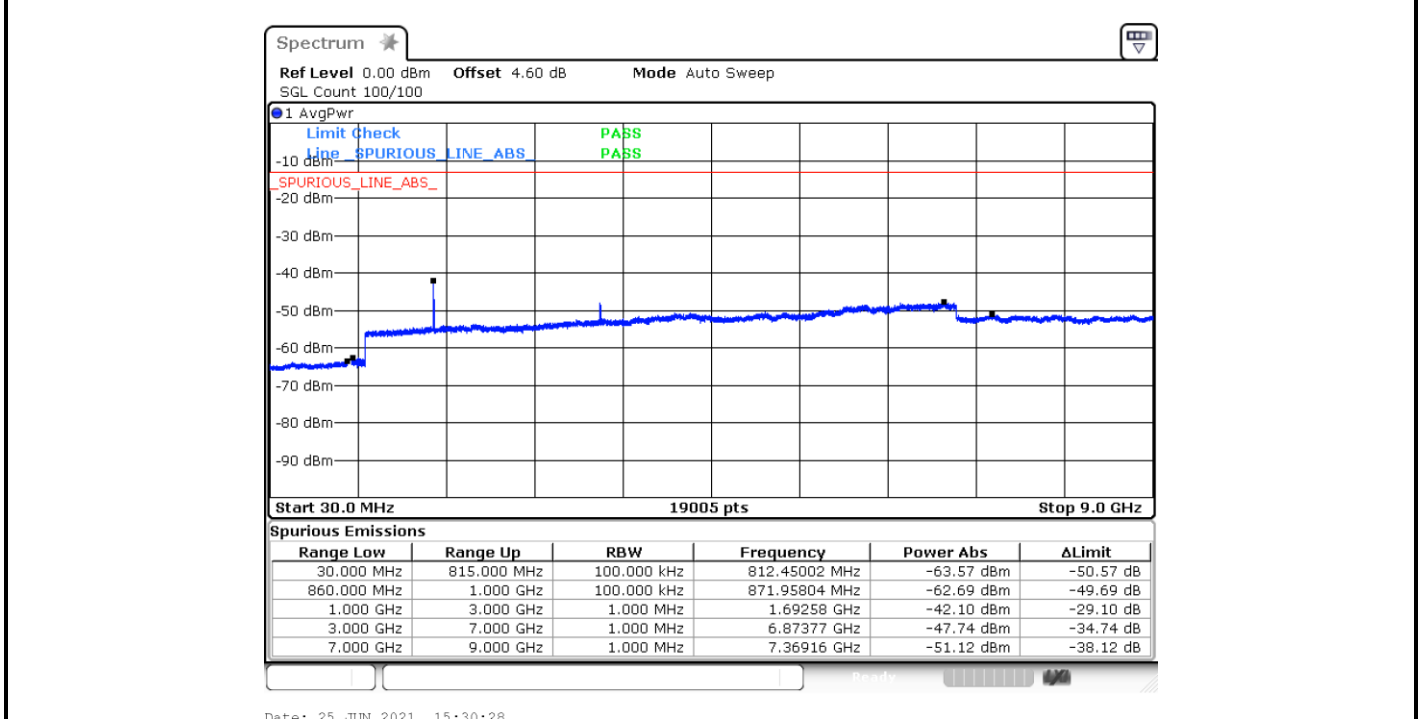
Lowest Channel / QPSK



Middle Channel / QPSK



Highest Channel / QPSK

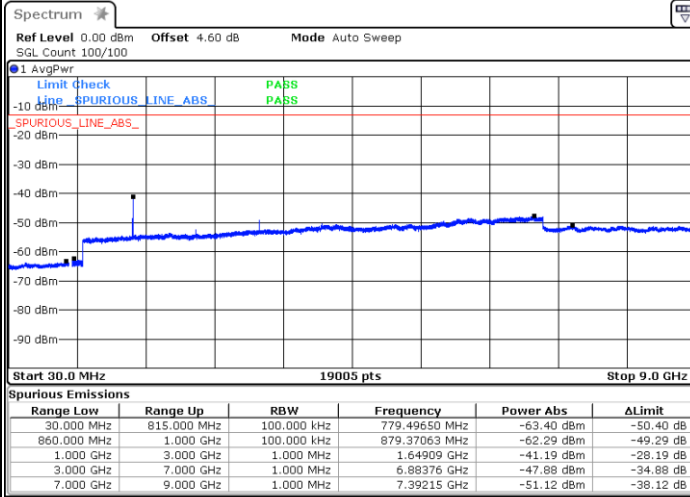




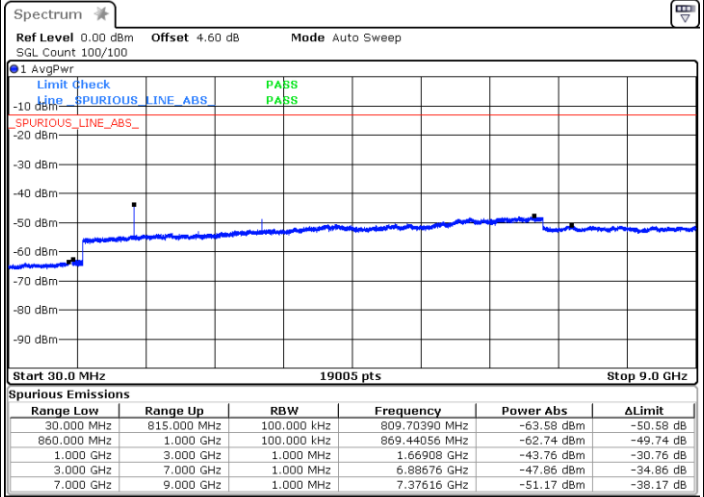
LTE Band 5 / 5MHz

Lowest Channel / QPSK

Middle Channel / QPSK

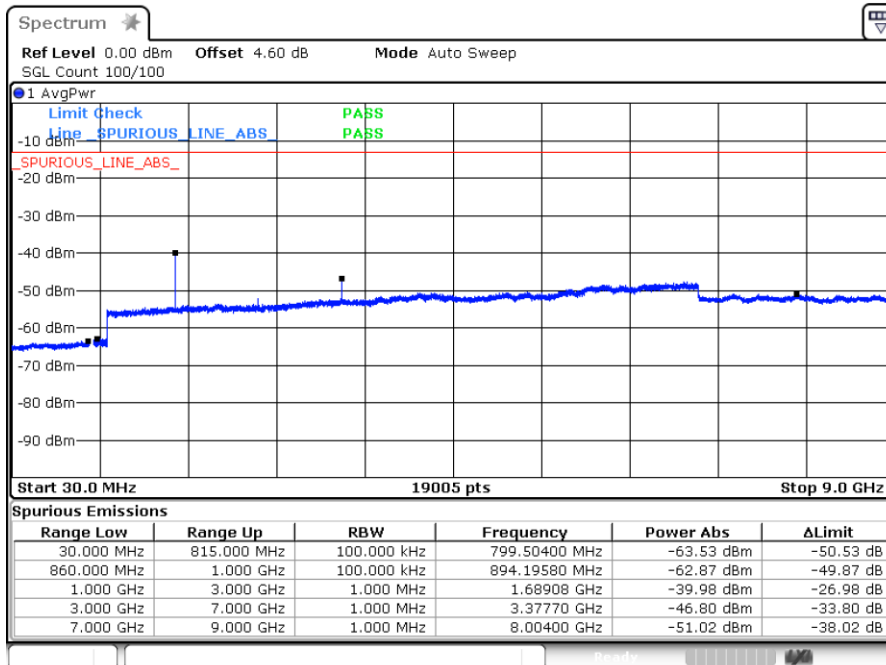


Date: 25 JUN 2021 15:40:14



Date: 25 JUN 2021 15:47:59

Highest Channel / QPSK



Date: 25 JUN 2021 15:49:36