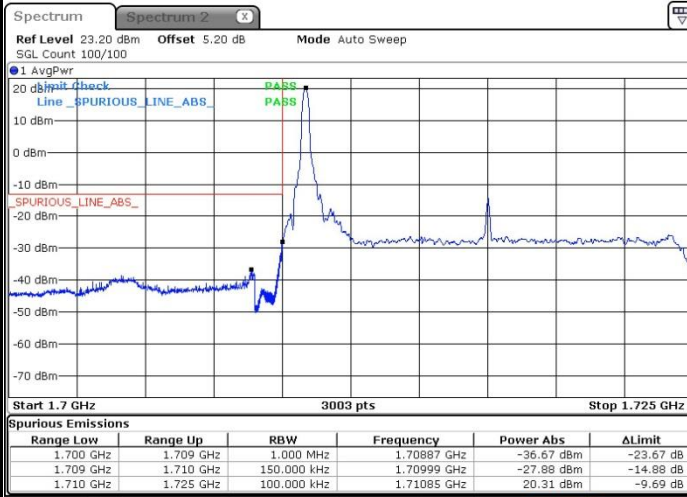




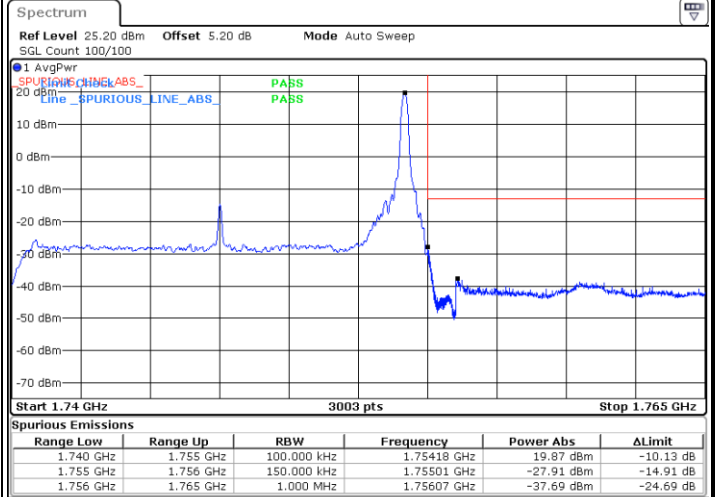
LTE Band 4 / 15MHz / 64QAM

Lowest Band Edge / 1 RB



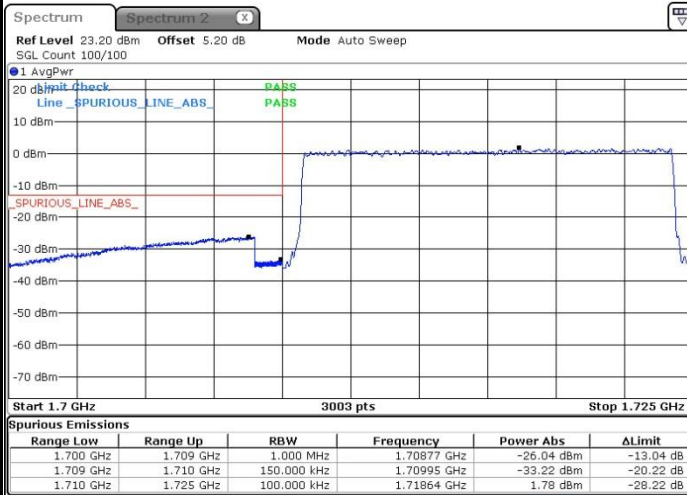
Date: 27.MAY.2021 20:50:50

Highest Band Edge / 1 RB



Date: 28.MAY.2021 16:59:24

Lowest Band Edge / Full RB



Date: 27.MAY.2021 20:50:32

Highest Band Edge / Full RB

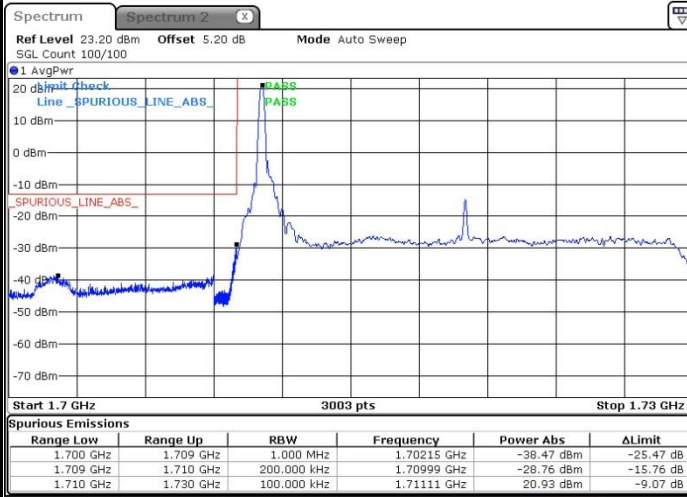


Date: 27.MAY.2021 20:56:15



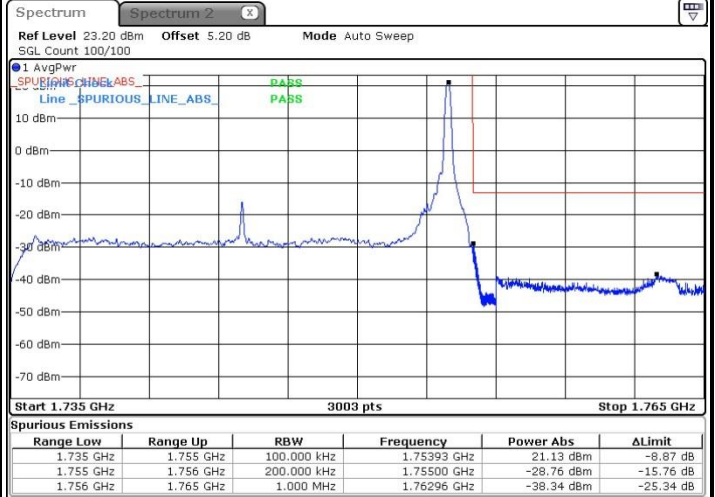
LTE Band 4 / 20MHz / QPSK

Lowest Band Edge / 1 RB



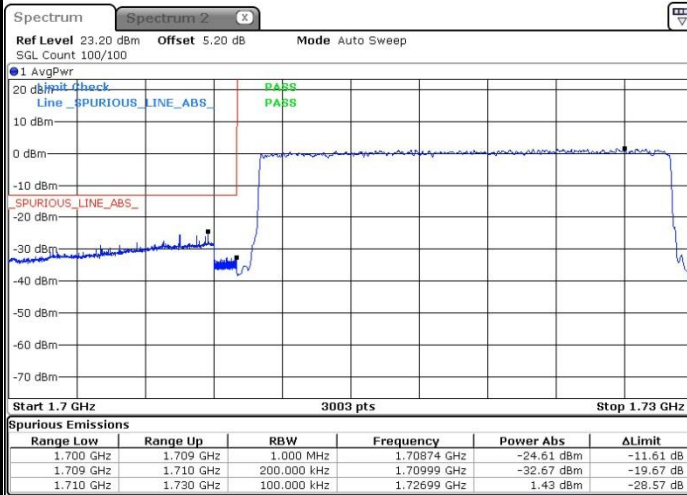
Date: 27.MAY.2021 20:57:34

Highest Band Edge / 1 RB



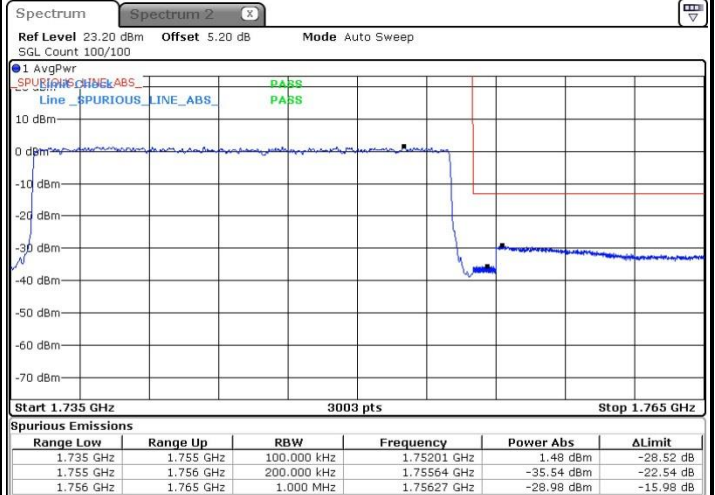
Date: 27.MAY.2021 21:03:42

Lowest Band Edge / Full RB



Date: 27.MAY.2021 20:57:14

Highest Band Edge / Full RB

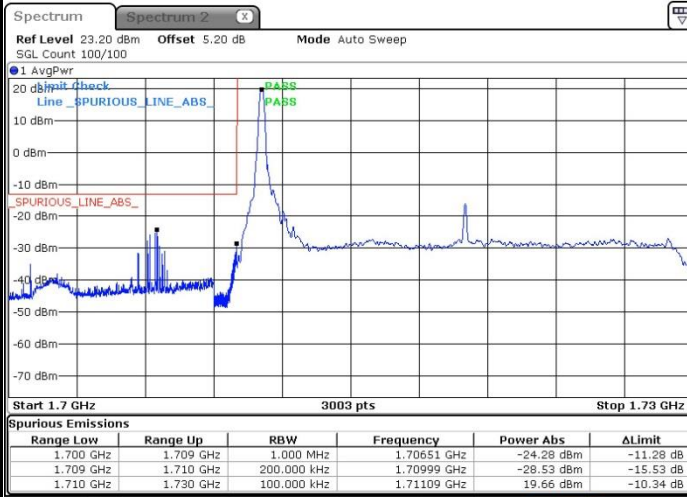


Date: 27.MAY.2021 21:04:54



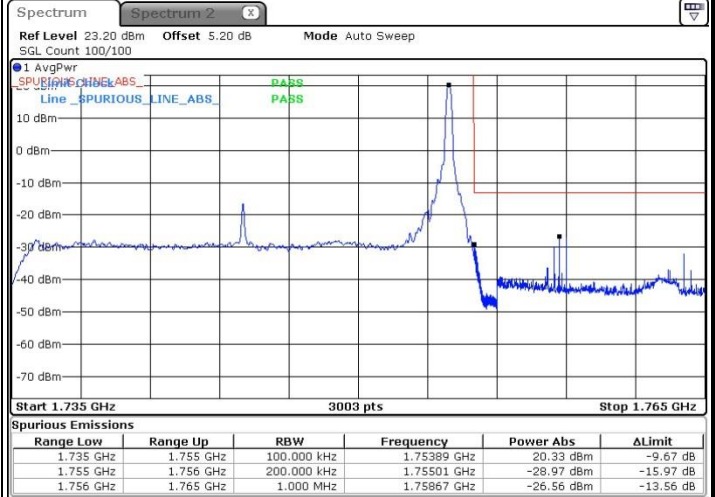
LTE Band 4 / 20MHz / 16QAM

Lowest Band Edge / 1 RB



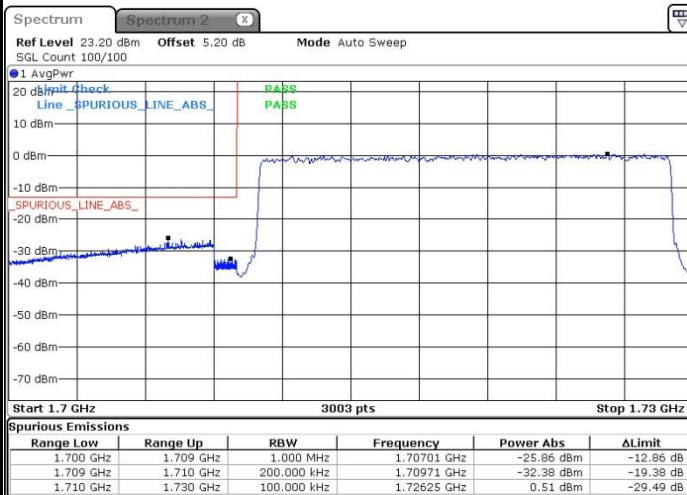
Date: 27.MAY.2021 20:57:49

Highest Band Edge / 1 RB



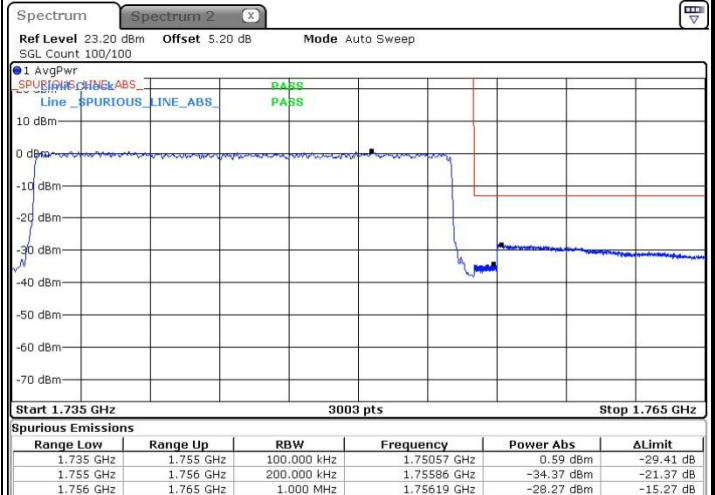
Date: 27.MAY.2021 21:03:55

Lowest Band Edge / Full RB



Date: 27.MAY.2021 20:56:59

Highest Band Edge / Full RB

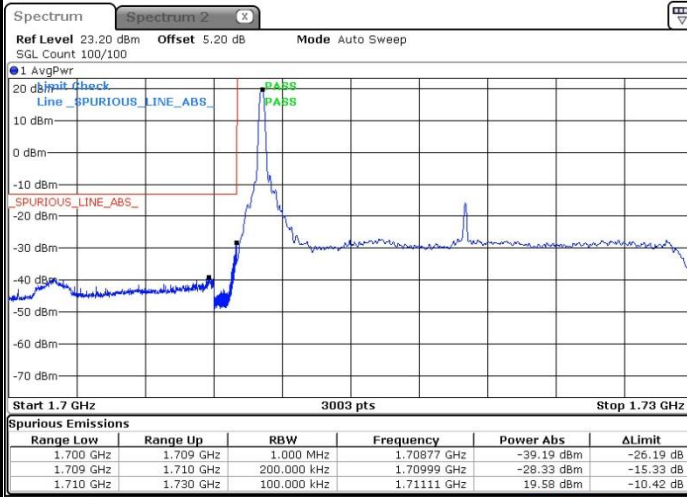


Date: 27.MAY.2021 21:04:41



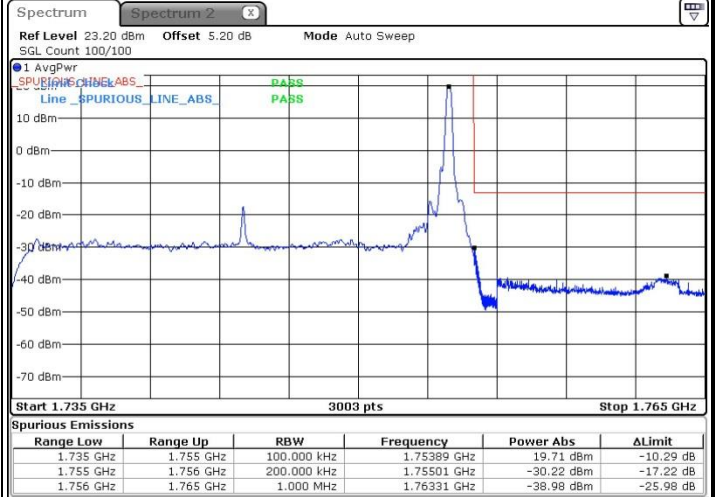
LTE Band 4 / 20MHz / 64QAM

Lowest Band Edge / 1 RB



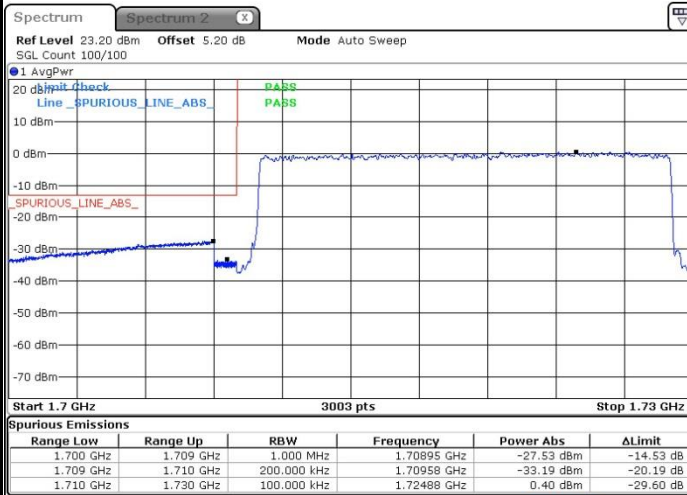
Date: 27.MAY.2021 20:58:02

Highest Band Edge / 1 RB



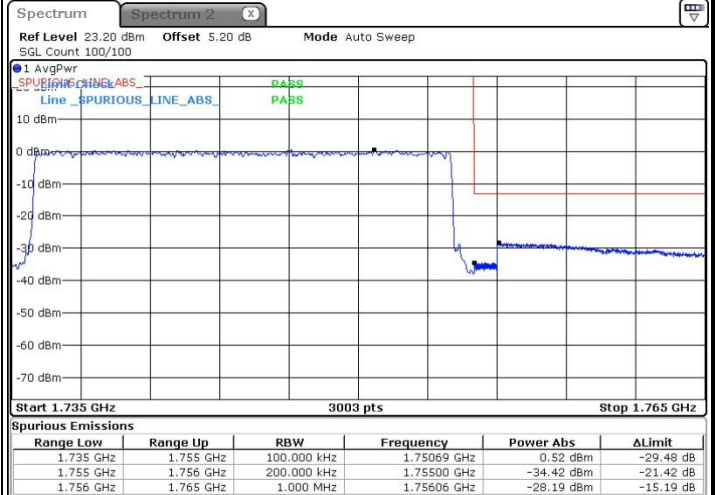
Date: 27.MAY.2021 21:04:12

Lowest Band Edge / Full RB



Date: 27.MAY.2021 20:56:44

Highest Band Edge / Full RB



Date: 27.MAY.2021 21:04:27

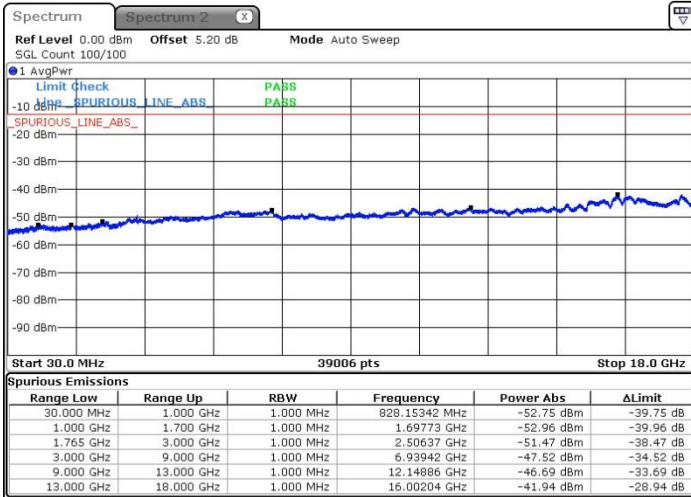


Conducted Spurious Emission

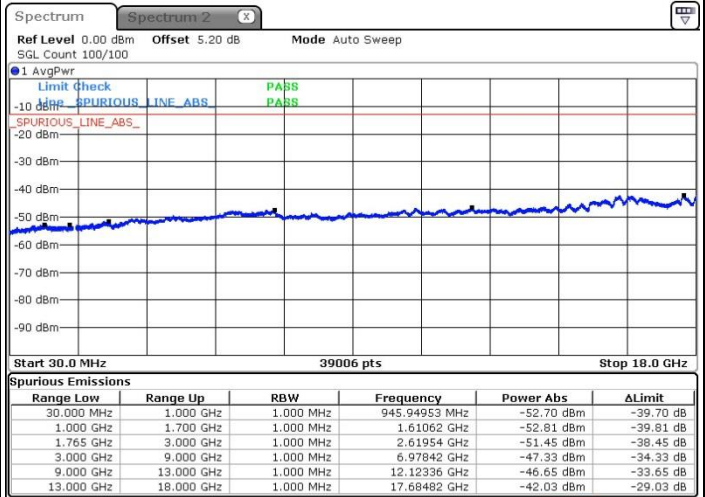
LTE Band 4 / 1.4MHz

Lowest Channel / QPSK

Middle Channel / QPSK

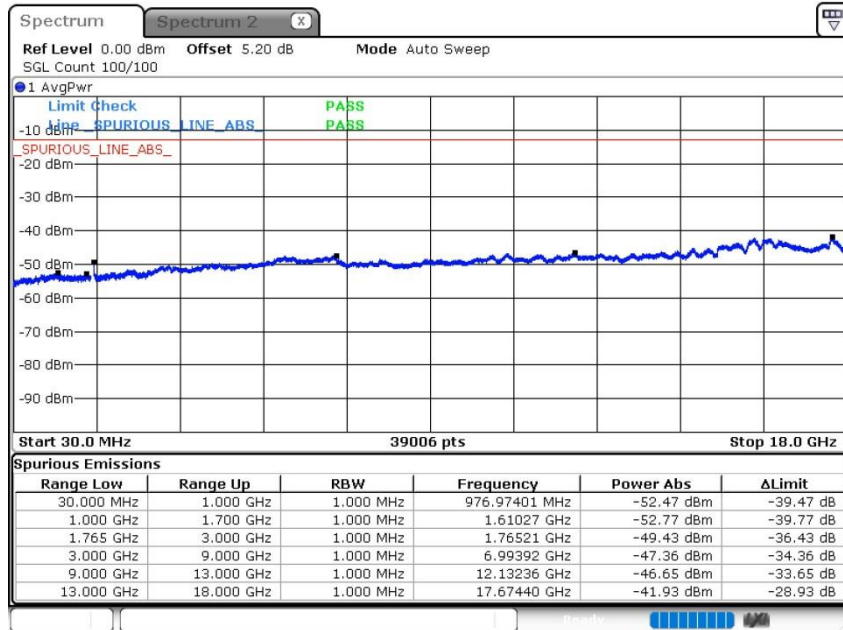


Date: 27.MAY.2021 19:52:13



Date: 27.MAY.2021 20:03:18

Highest Channel / QPSK



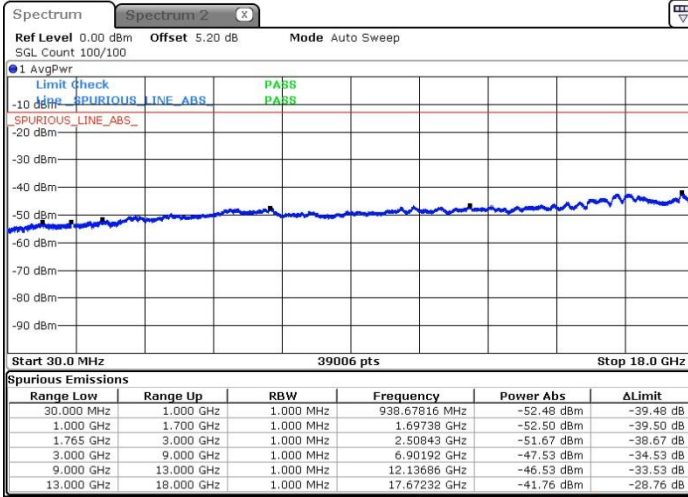
Date: 27.MAY.2021 20:04:01



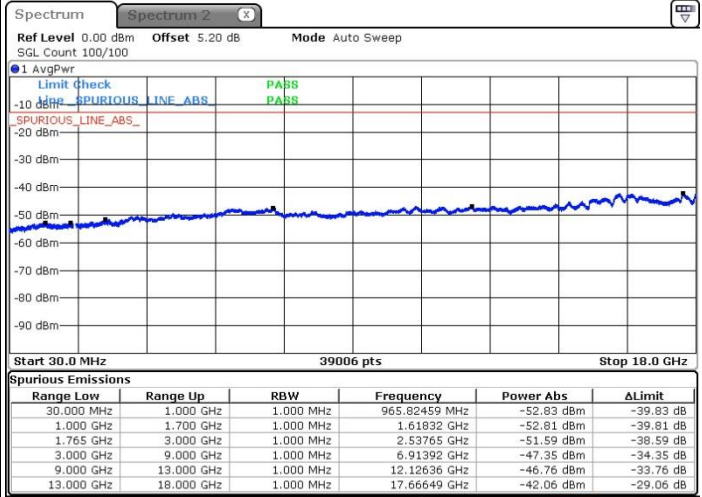
LTE Band 4 / 3MHz

Lowest Channel / QPSK

Middle Channel / QPSK

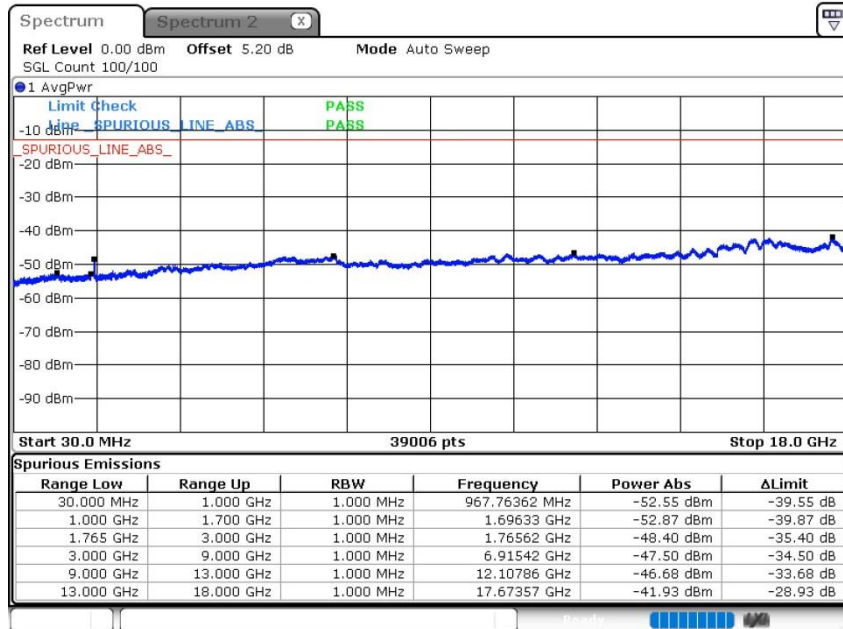


Date: 27.MAY.2021 20:15:30



Date: 27.MAY.2021 20:20:36

Highest Channel / QPSK



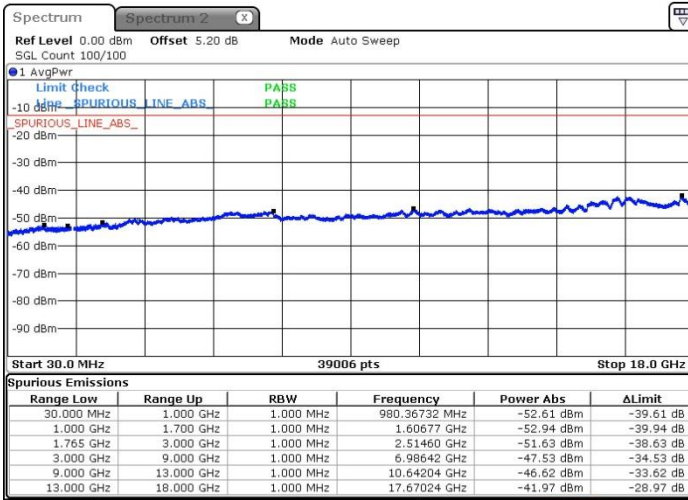
Date: 27.MAY.2021 20:31:15



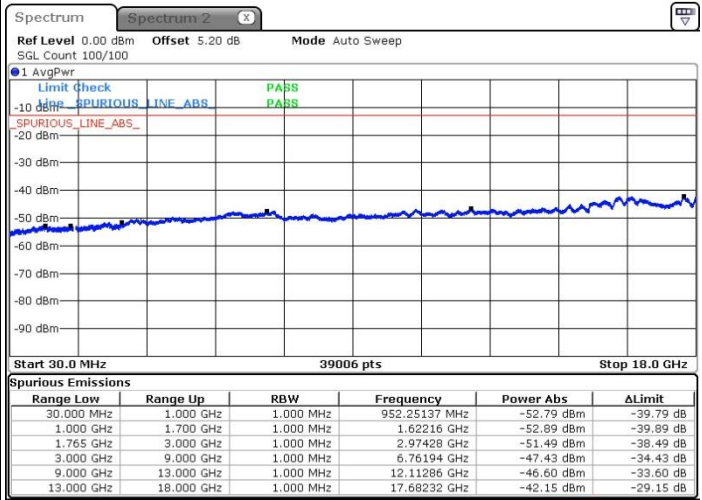
LTE Band 4 / 5MHz

Lowest Channel / QPSK

Middle Channel / QPSK

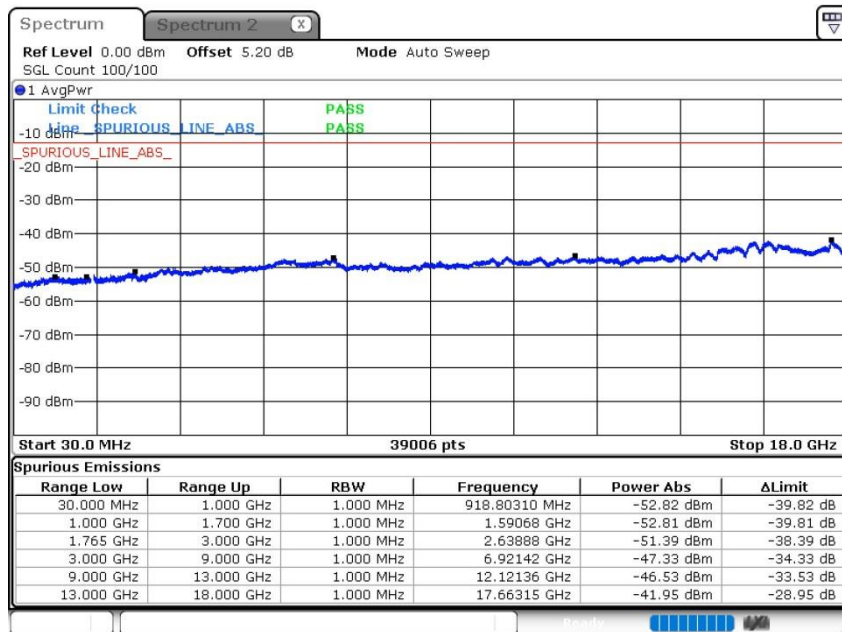


Date: 27.MAY.2021 20:38:15



Date: 27.MAY.2021 20:39:40

Highest Channel / QPSK

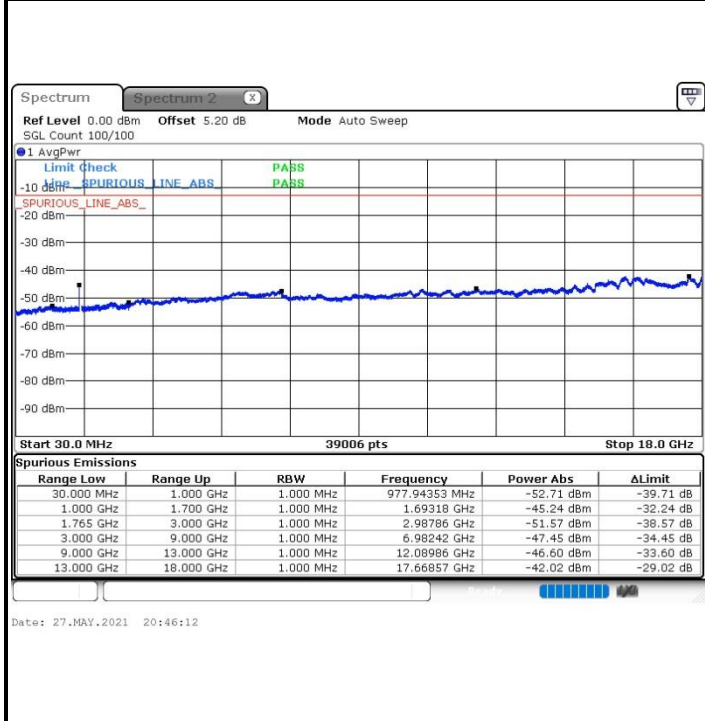


Date: 27.MAY.2021 20:41:06



LTE Band 4 / 10MHz

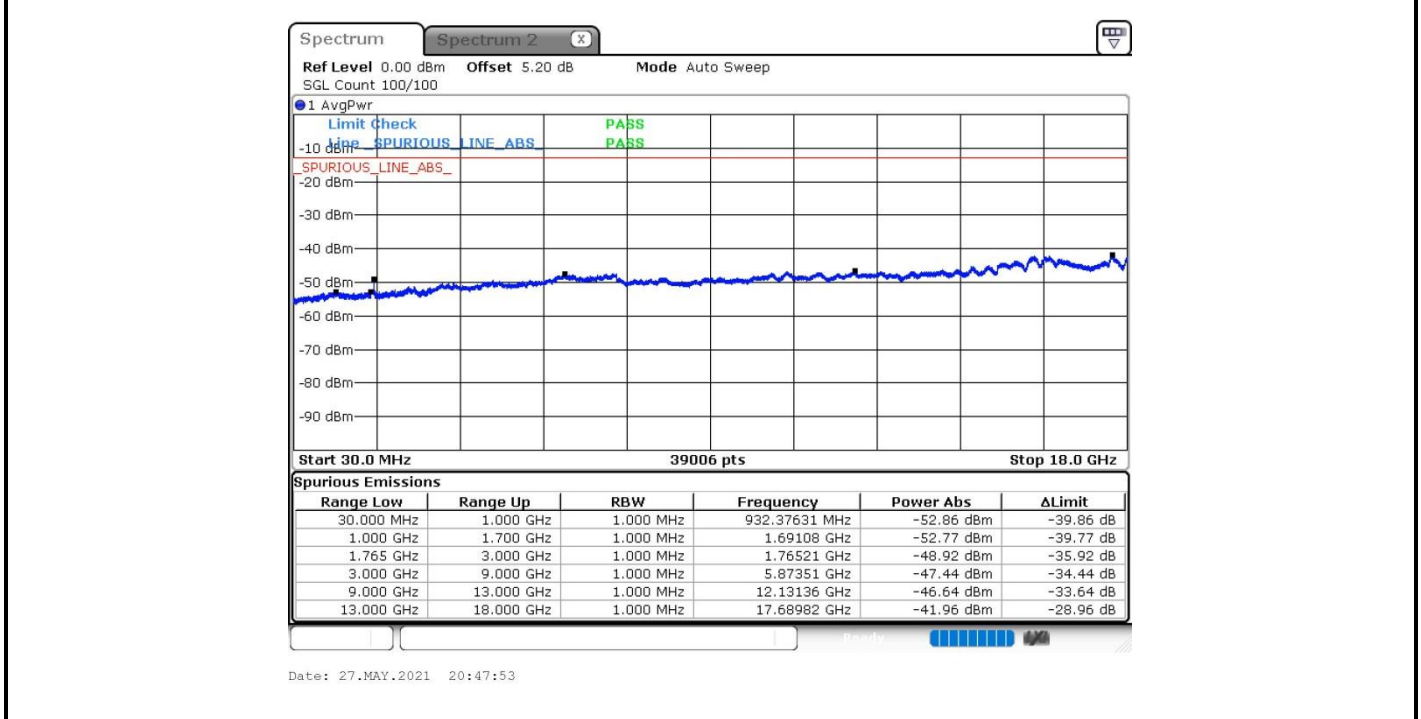
Lowest Channel / QPSK



Middle Channel / QPSK



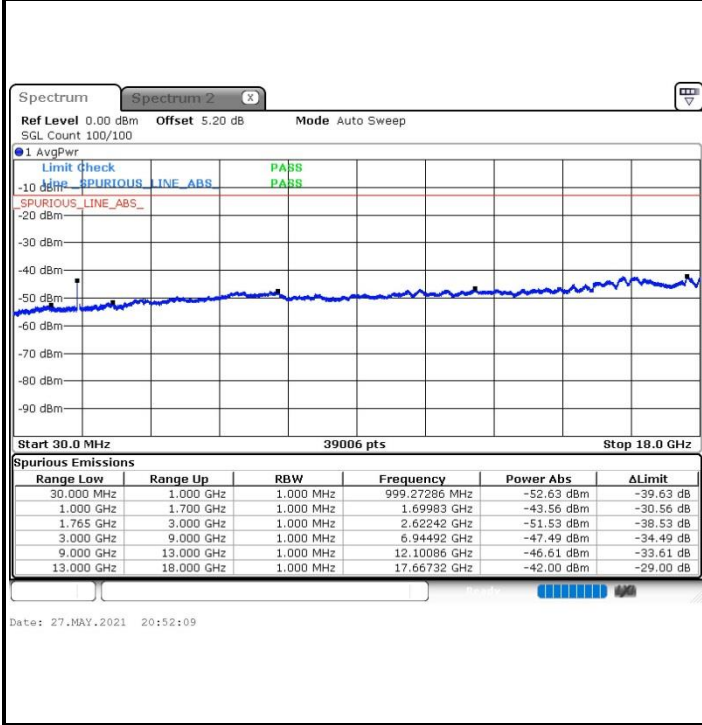
Highest Channel / QPSK



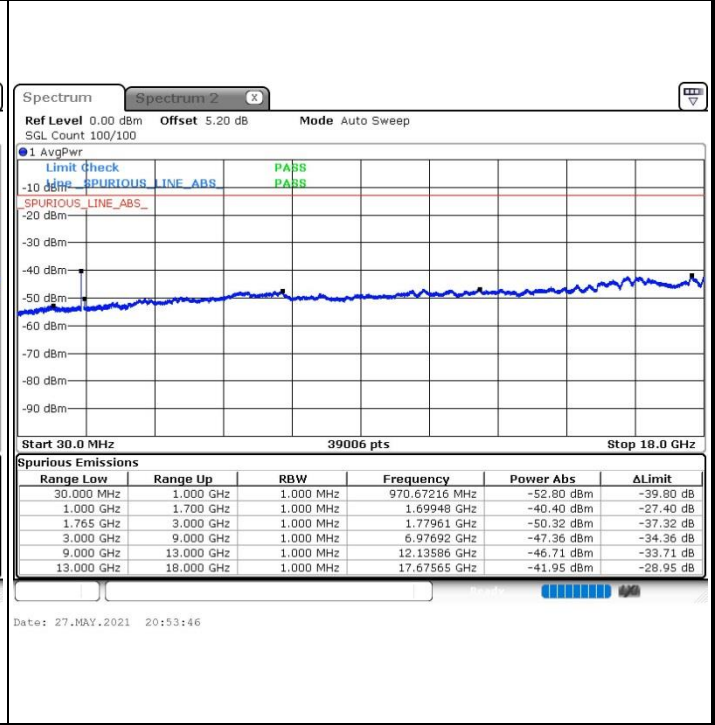


LTE Band 4 / 15MHz

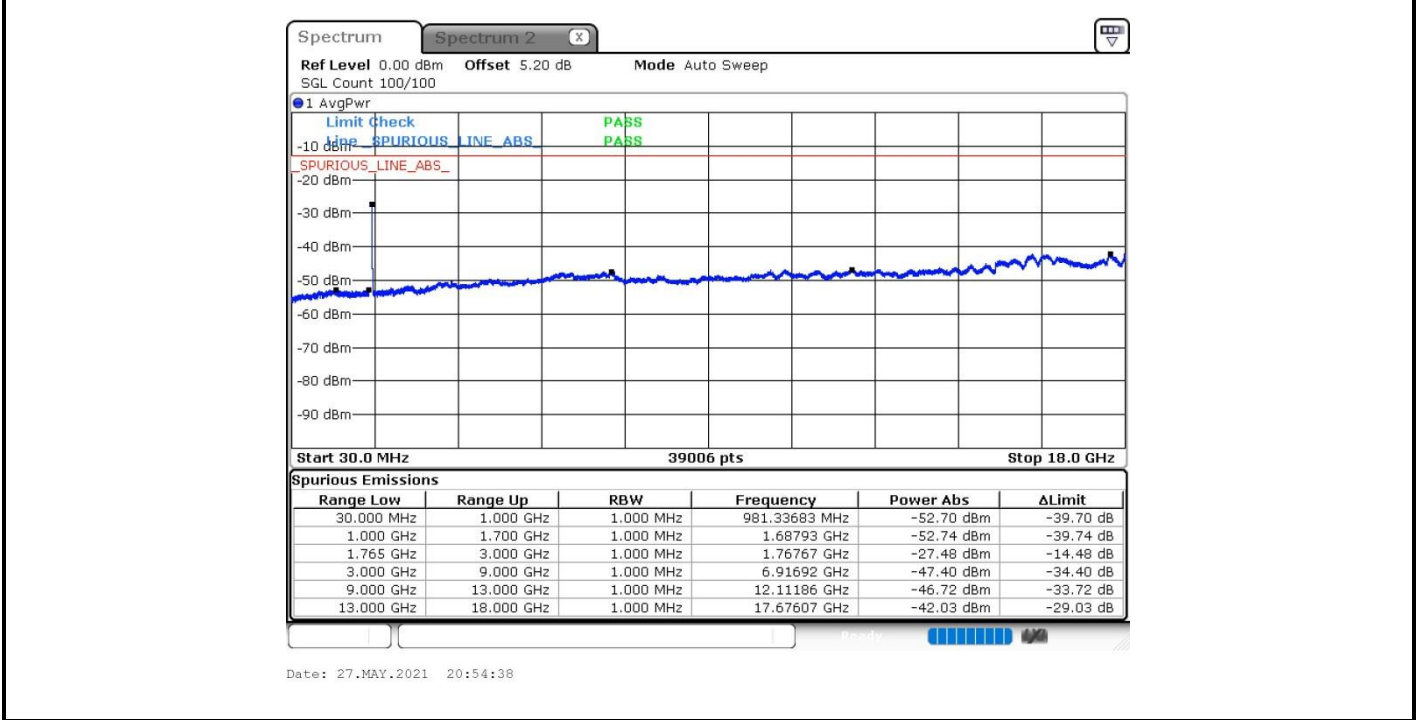
Lowest Channel / QPSK



Middle Channel / QPSK



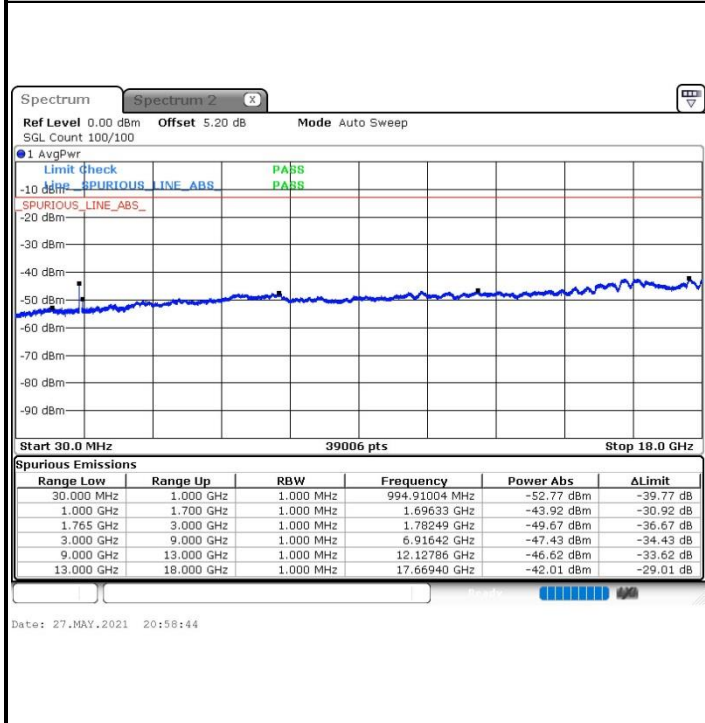
Highest Channel / QPSK



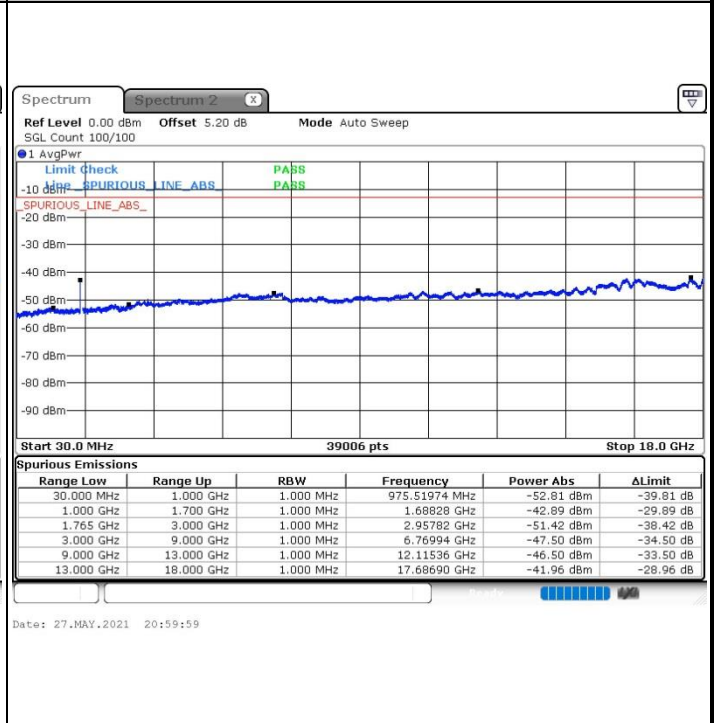


LTE Band 4 / 20MHz

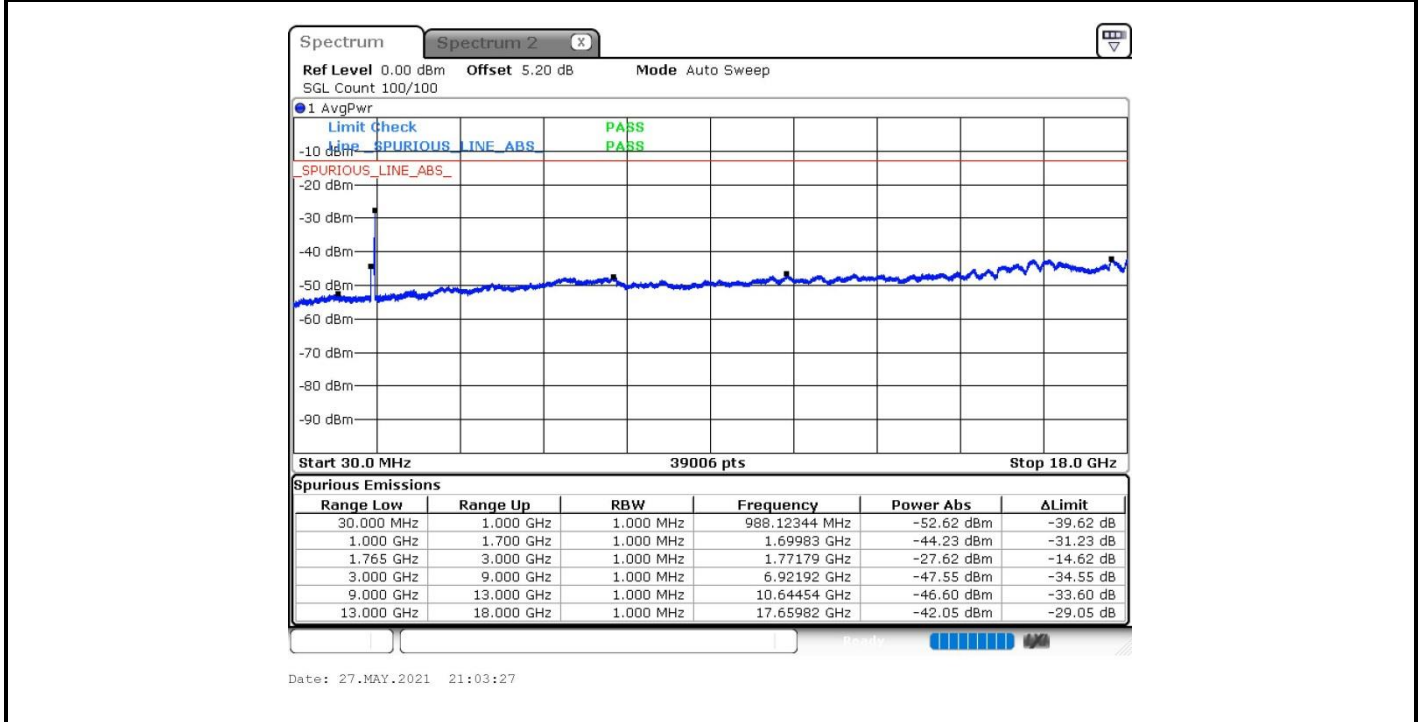
Lowest Channel / QPSK



Middle Channel / QPSK



Highest Channel / QPSK





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	0.0000	PASS
40	Normal Voltage	0.0017	
30	Normal Voltage	0.0000	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0012	
0	Normal Voltage	0.0022	
-10	Normal Voltage	0.0037	
-20	Normal Voltage	0.0006	
-30	Normal Voltage	0.0000	
20	Maximum Voltage	0.0027	
20	Normal Voltage	0.0020	
20	Battery End Point	0.0040	

Note:

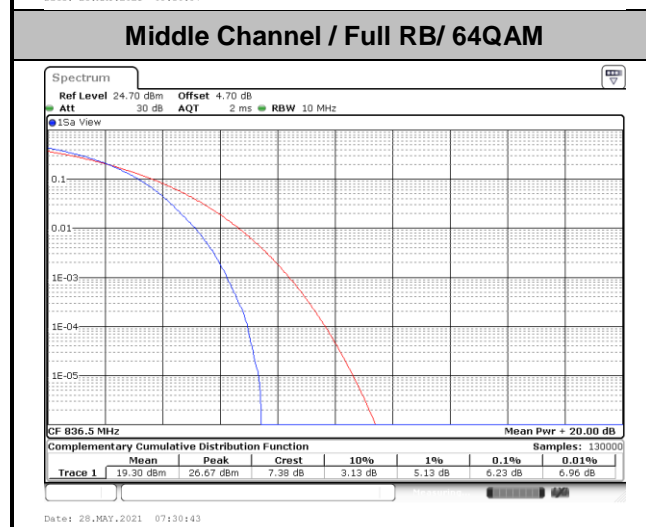
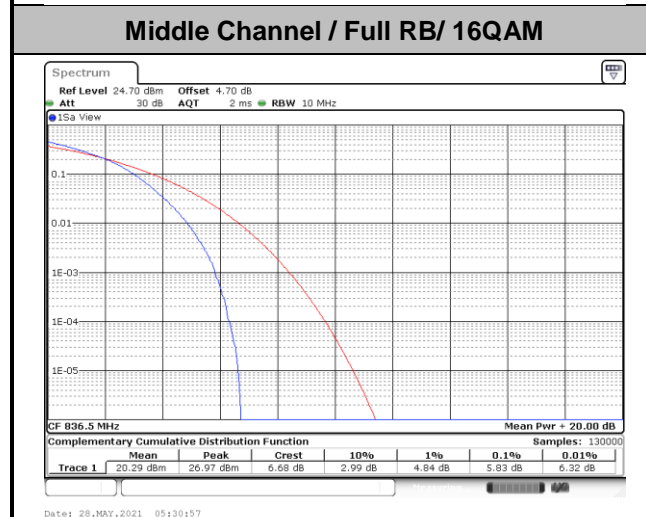
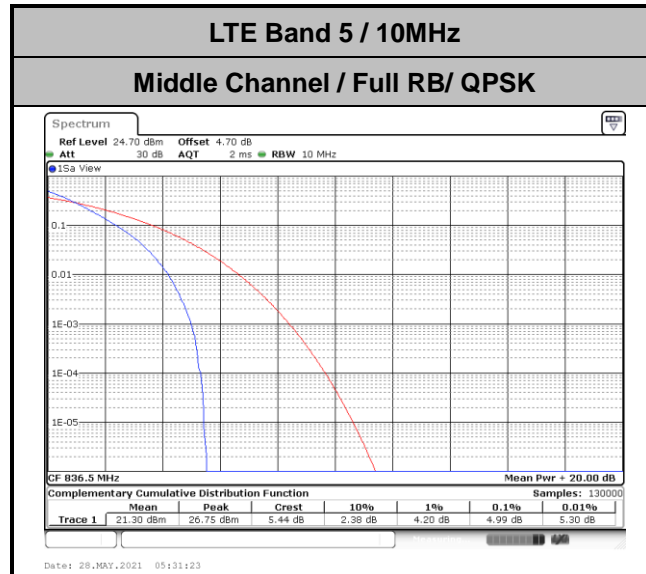
1. Normal Voltage =4.2 V. ; Battery End Point (BEP) =3.8 V. ; Maximum Voltage =4.43 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



LTE Band 5

Peak-to-Average Ratio

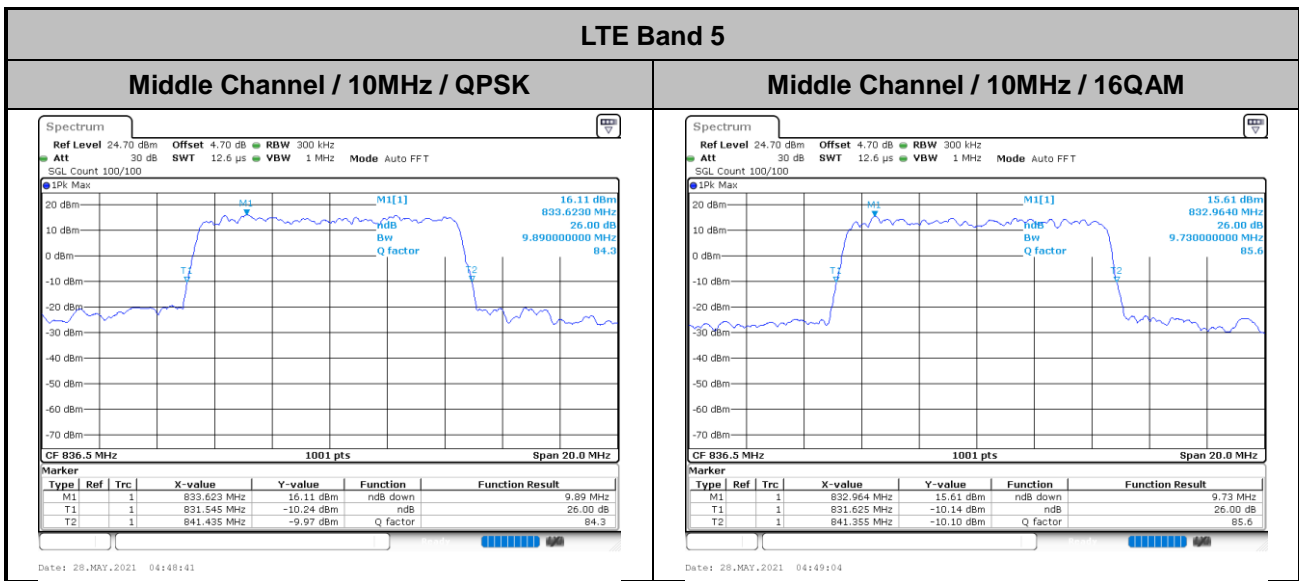
Mode	LTE Band 5 / 10MHz			
Mod.	QPSK	16QAM	64QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Result
Middle CH	4.99	5.83	6.23	PASS





26dB Bandwidth

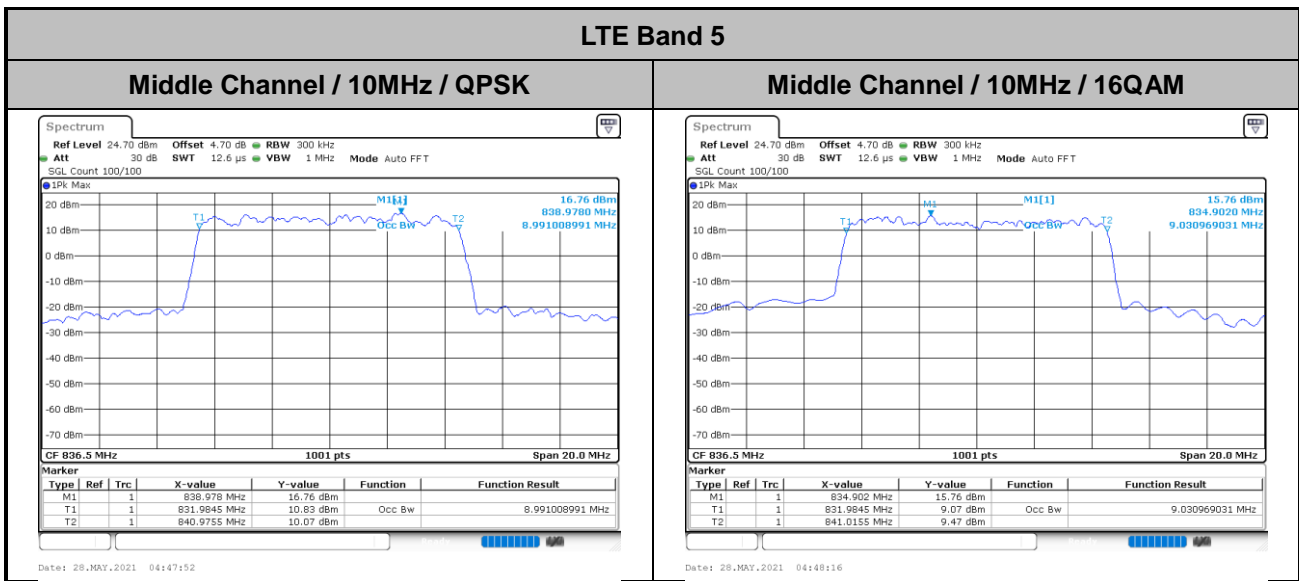
Mode	LTE Band 5 : 26dB BW(MHz)	
BW	10MHz	
Mod.	QPSK	16QAM
Middle CH	9.89	9.73





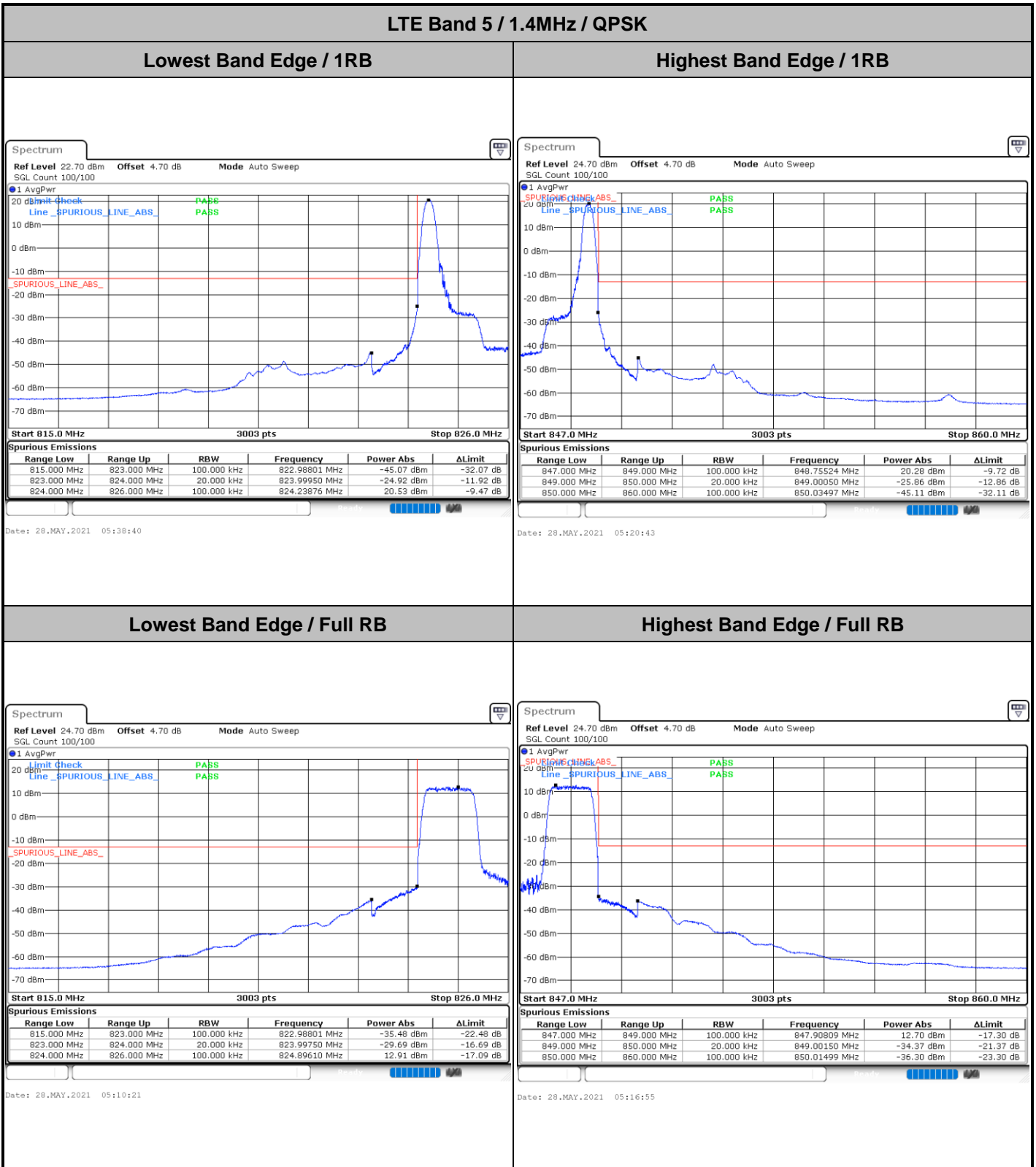
Occupied Bandwidth

Mode	LTE Band 5 : 99%OBW(MHz)	
BW	10MHz	
Mod.	QPSK	16QAM
Middle CH	8.99	9.03





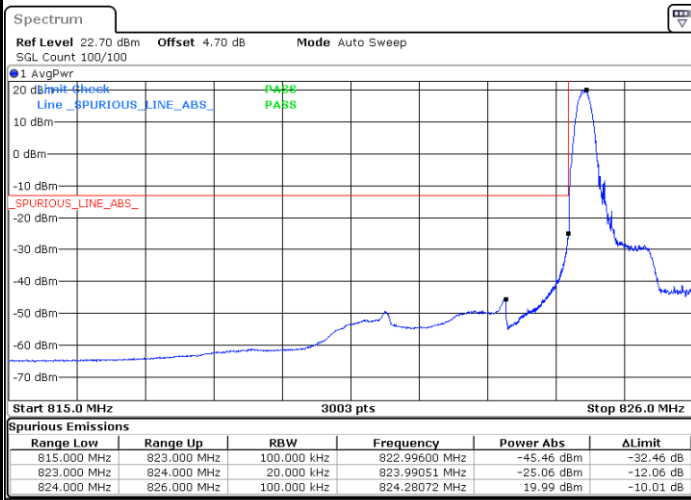
Conducted Band Edge





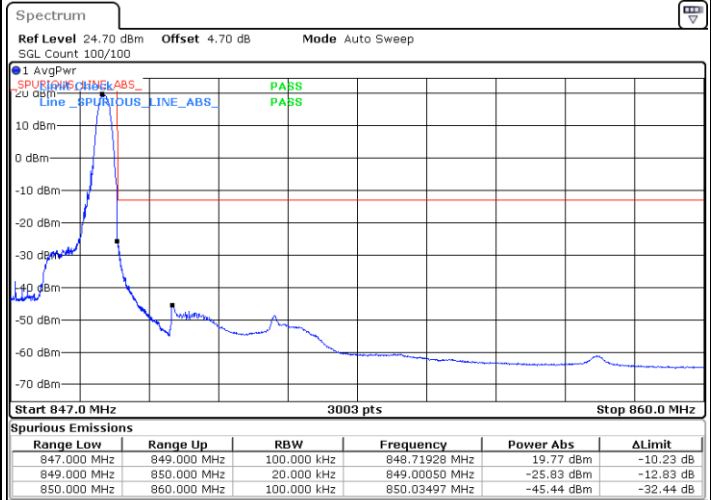
LTE Band 5 / 1.4MHz / 16QAM

Lowest Band Edge / 1 RB



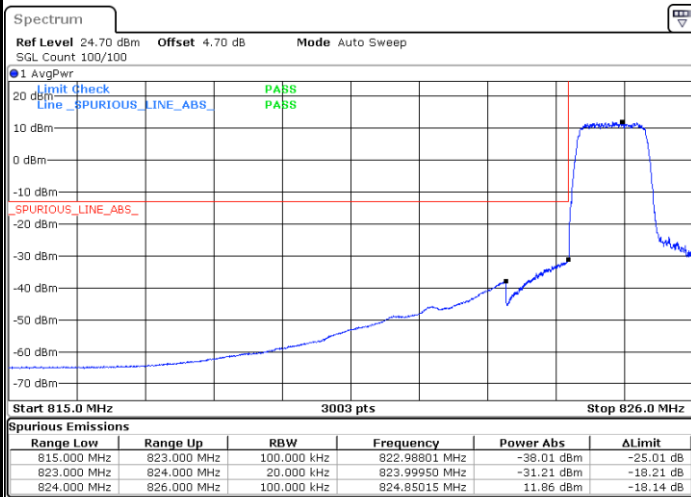
Date: 28.MAY.2021 05:40:16

Highest Band Edge / 1 RB



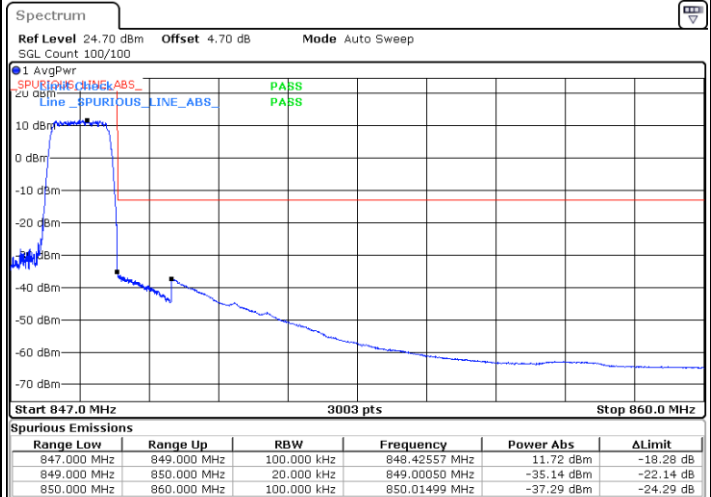
Date: 28.MAY.2021 05:22:37

Lowest Band Edge / Full RB



Date: 28.MAY.2021 05:12:15

Highest Band Edge / Full RB

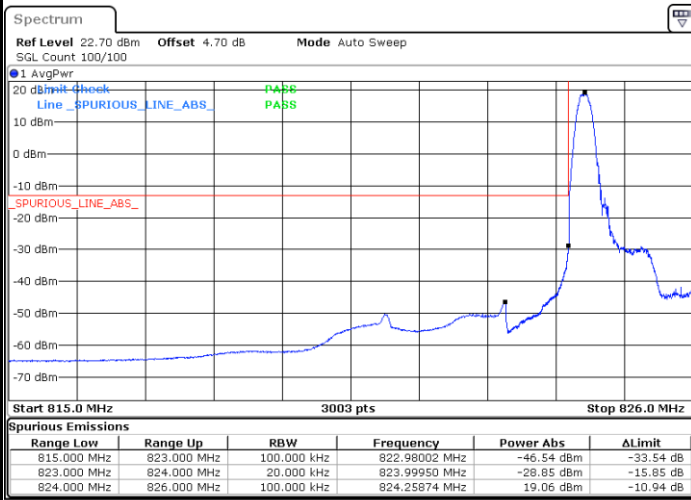


Date: 28.MAY.2021 05:18:49



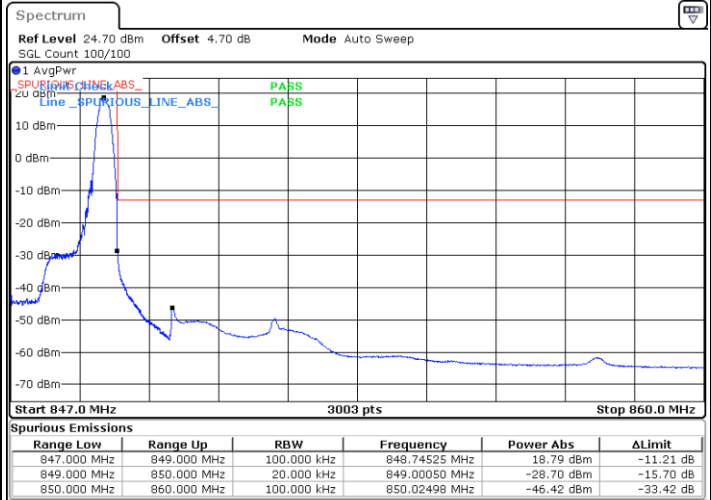
LTE Band 5 / 1.4MHz / 64QAM

Lowest Band Edge / 1 RB



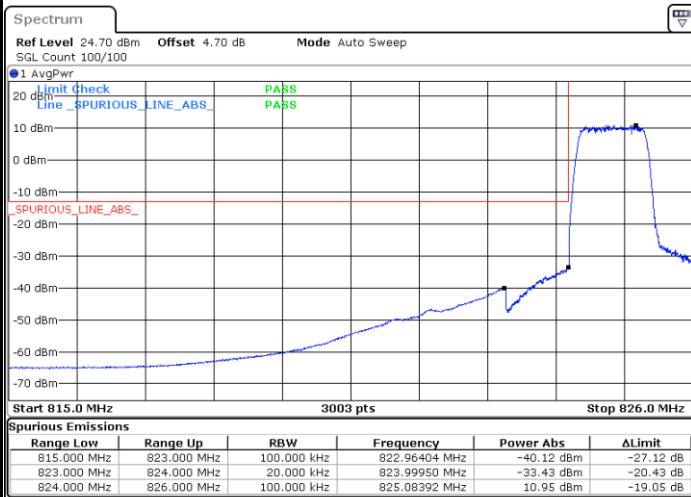
Date: 28.MAY.2021 05:42:04

Highest Band Edge / 1 RB



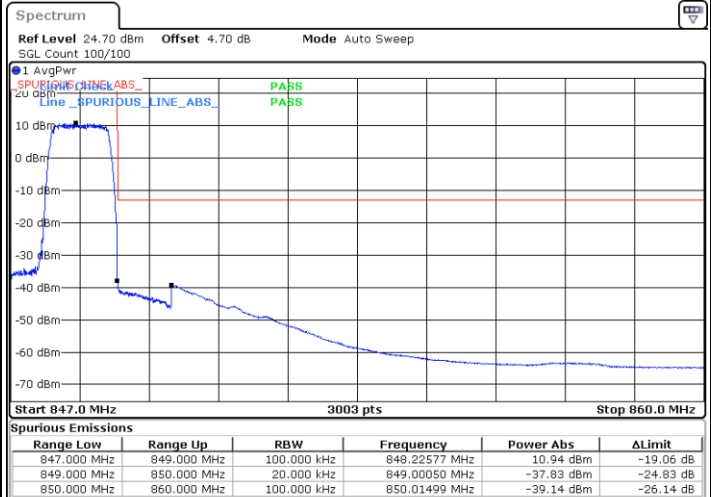
Date: 28.MAY.2021 05:29:45

Lowest Band Edge / Full RB



Date: 28.MAY.2021 05:25:57

Highest Band Edge / Full RB

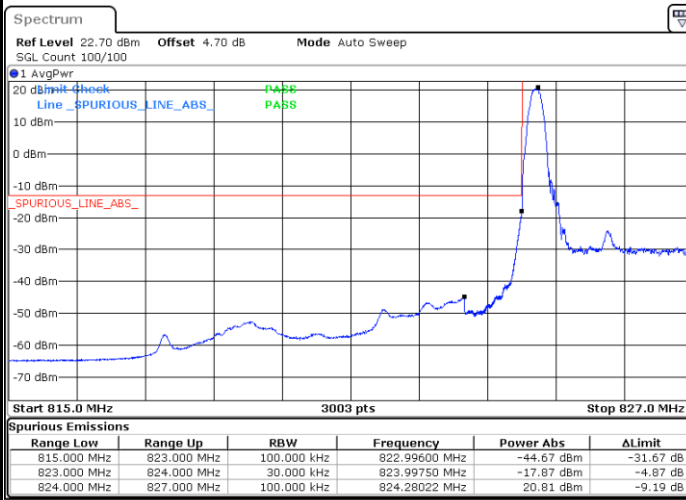


Date: 28.MAY.2021 05:27:51



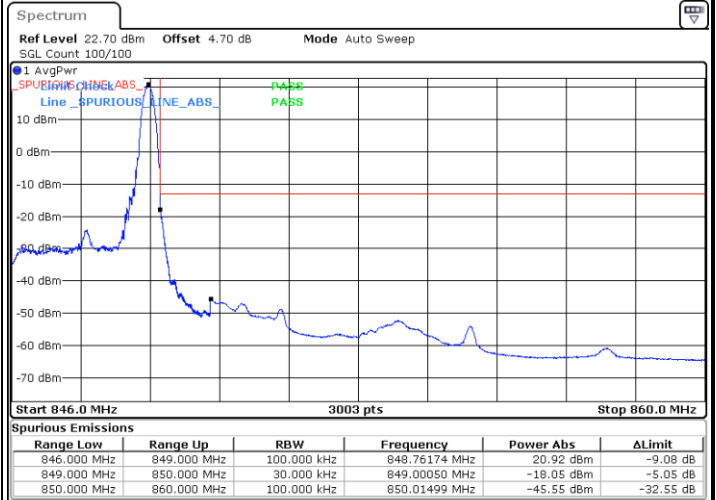
LTE Band 5 / 3MHz / QPSK

Lowest Band Edge / 1RB



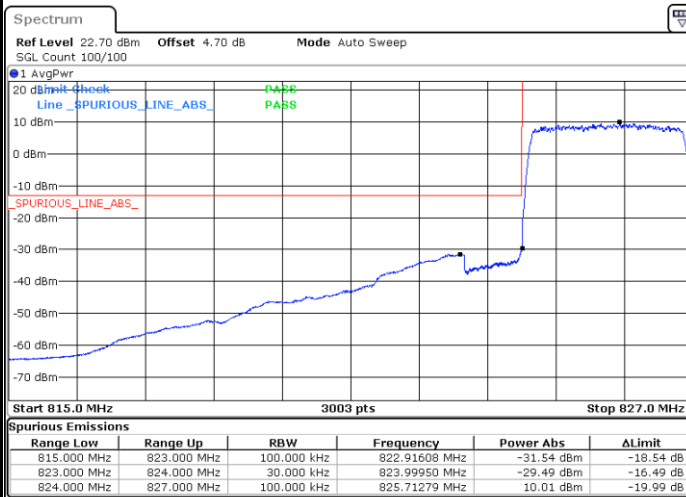
Date: 28.MAY.2021 03:46:25

Highest Band Edge / 1 RB



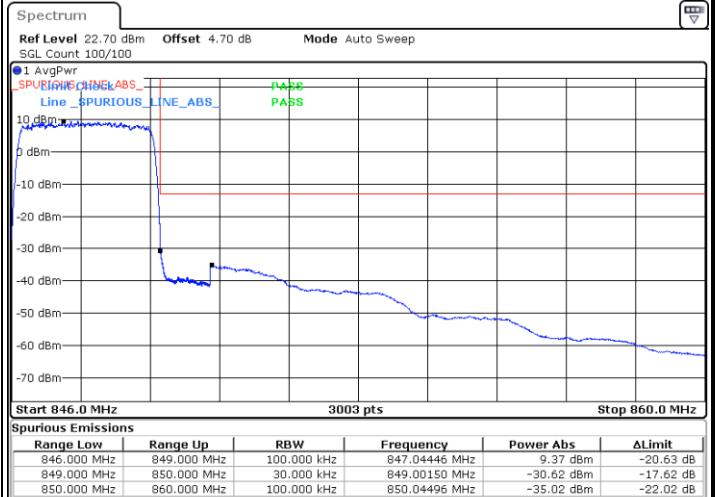
Date: 28.MAY.2021 03:56:46

Lowest Band Edge / Full RB



Date: 28.MAY.2021 03:50:12

Highest Band Edge / Full RB



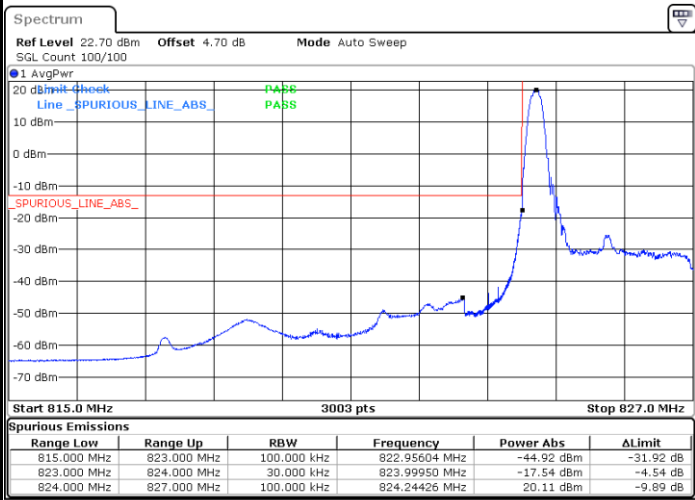
Date: 28.MAY.2021 04:00:34



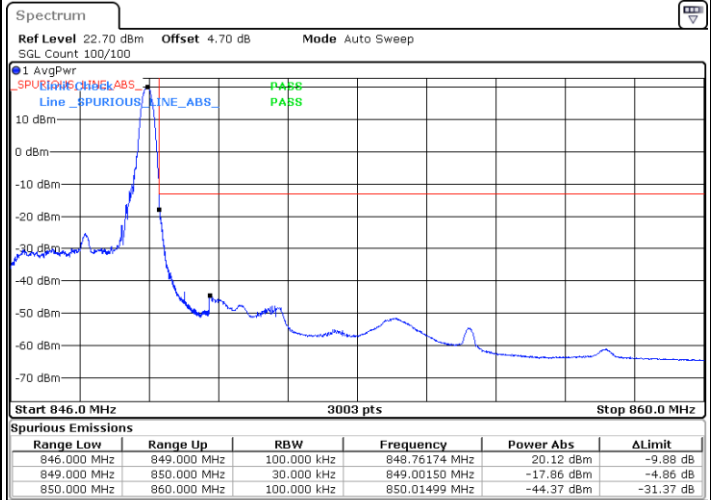
LTE Band 5 / 3MHz / 16QAM

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB



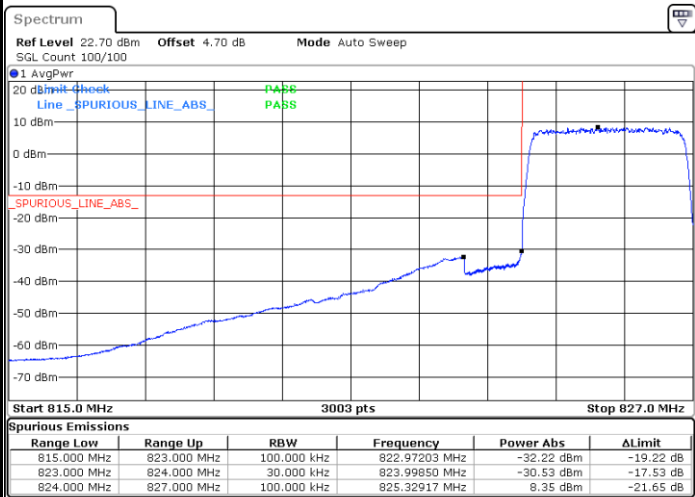
Date: 28.MAY.2021 03:48:19



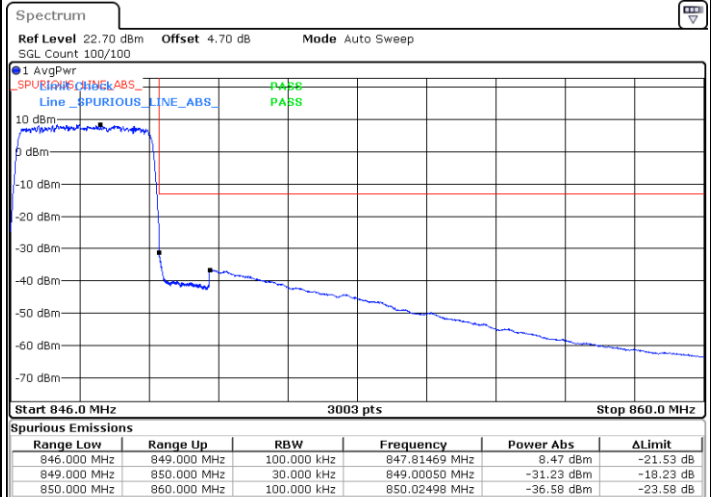
Date: 28.MAY.2021 03:58:40

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 28.MAY.2021 03:52:06

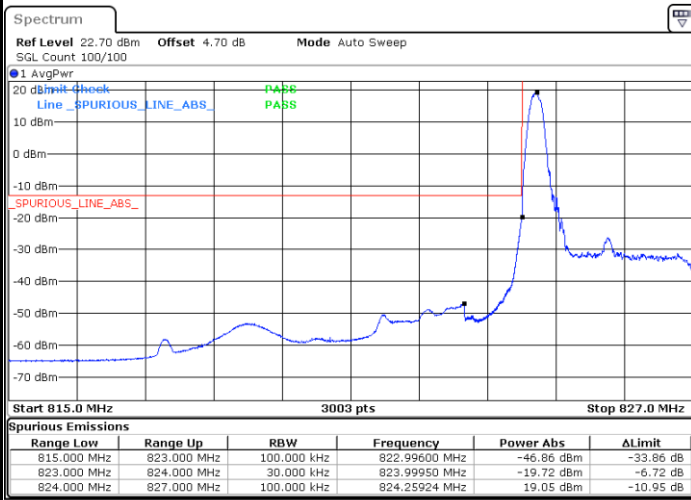


Date: 28.MAY.2021 04:02:28



LTE Band 5 / 3MHz / 64QAM

Lowest Band Edge / 1 RB



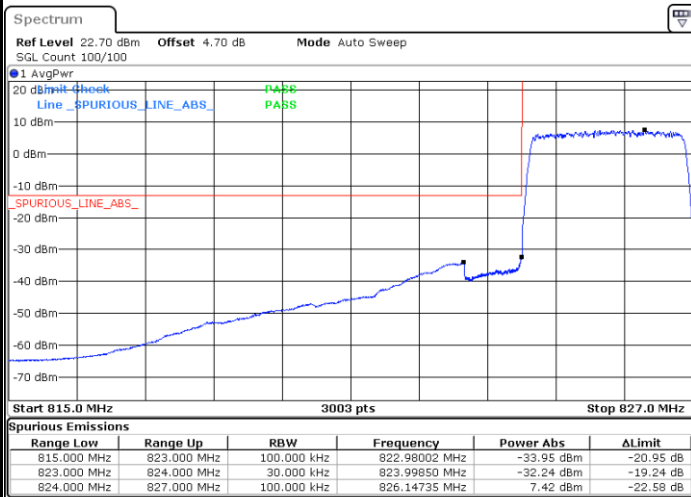
Date: 28.MAY.2021 04:05:44

Highest Band Edge / 1 RB



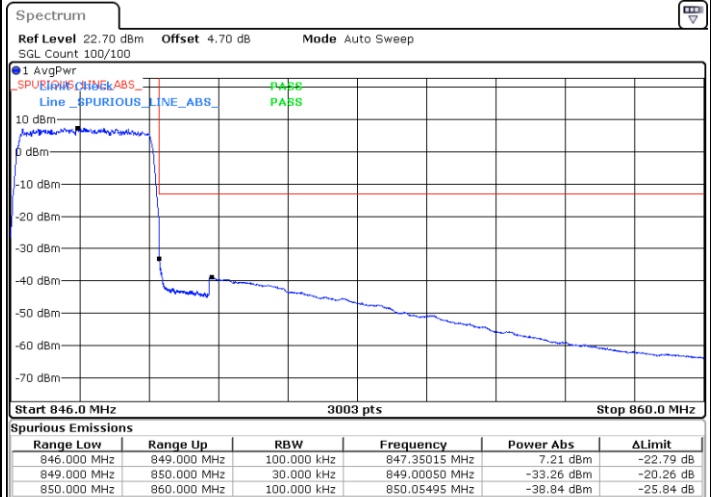
Date: 28.MAY.2021 04:09:32

Lowest Band Edge / Full RB



Date: 28.MAY.2021 04:07:38

Highest Band Edge / Full RB

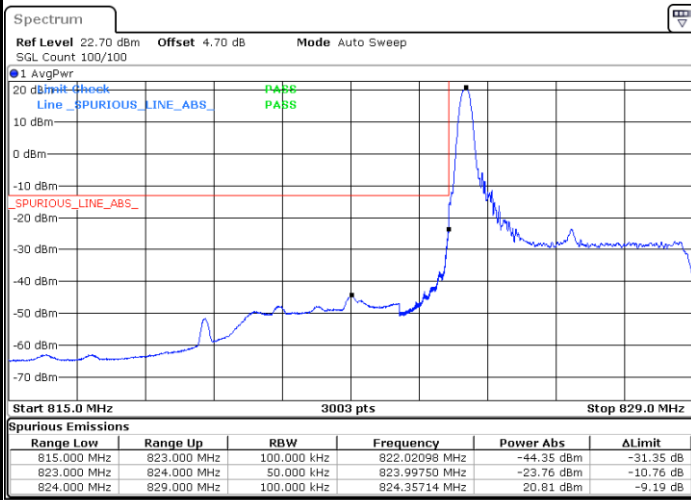


Date: 28.MAY.2021 04:11:26



LTE Band 5 / 5MHz / QPSK

Lowest Band Edge / 1 RB



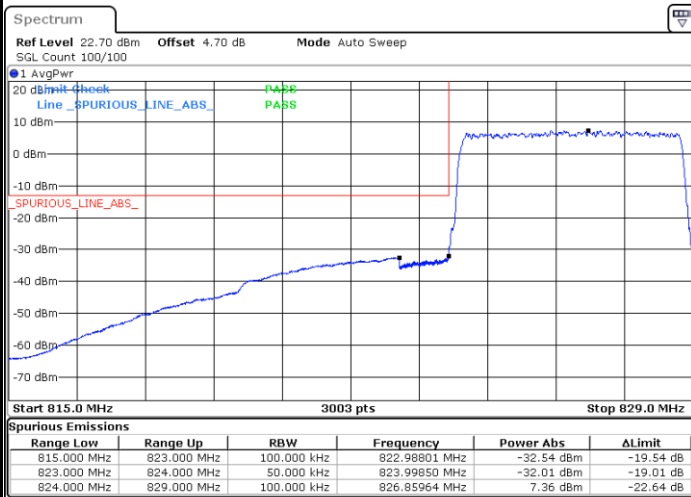
Date: 28.MAY.2021 04:13:23

Highest Band Edge / 1 RB



Date: 28.MAY.2021 04:23:45

Lowest Band Edge / Full RB



Date: 28.MAY.2021 04:17:11

Highest Band Edge / Full RB



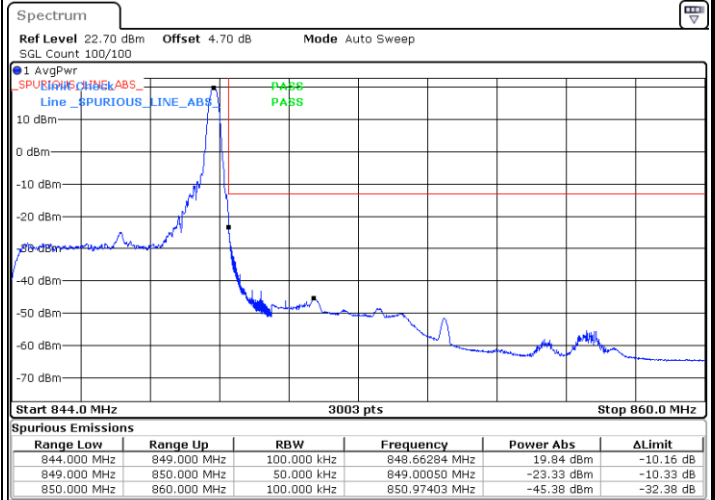
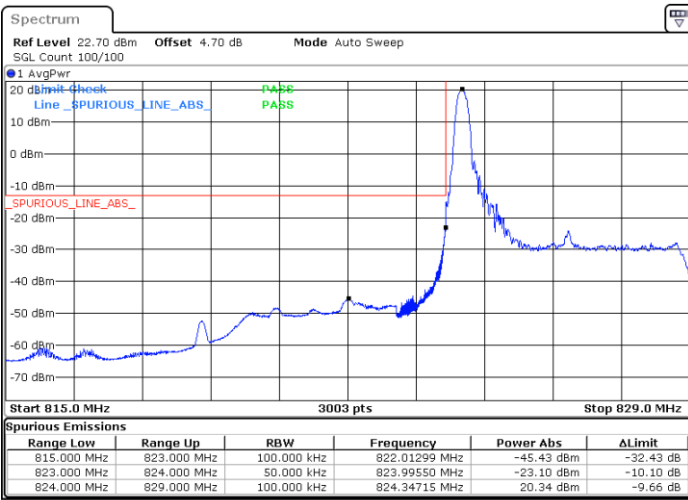
Date: 28.MAY.2021 04:27:32



LTE Band 5 / 5MHz / 16QAM

Lowest Band Edge / 1RB

Highest Band Edge / 1 RB

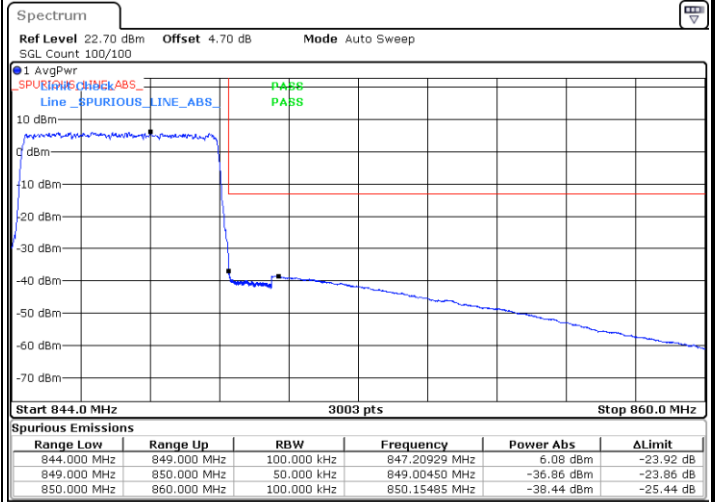
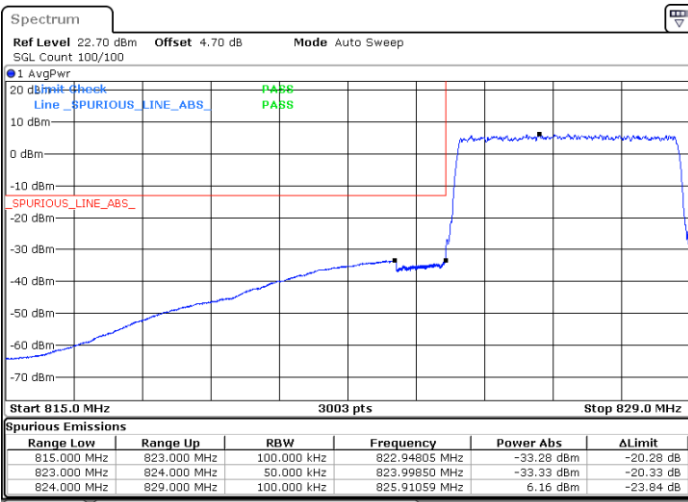


Date: 28.MAY.2021 04:15:17

Date: 28.MAY.2021 04:25:39

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



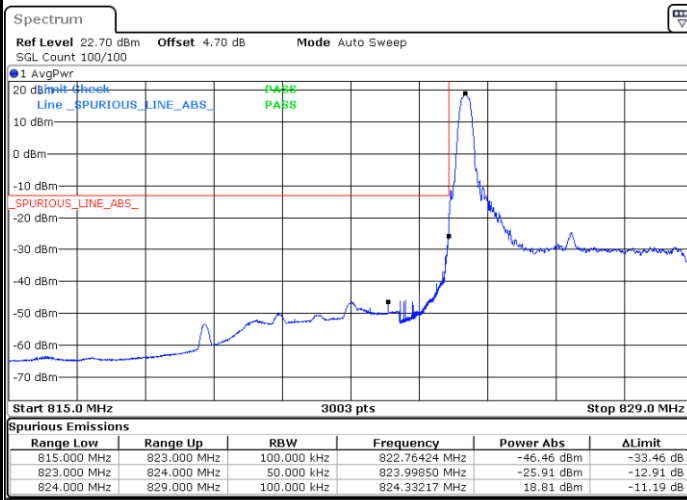
Date: 28.MAY.2021 04:19:04

Date: 28.MAY.2021 04:29:26



LTE Band 5 / 5MHz / 64QAM

Lowest Band Edge / 1RB



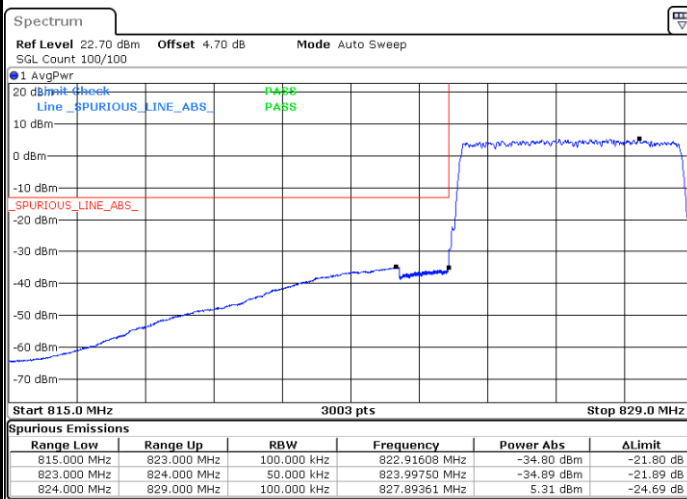
Date: 28.MAY.2021 04:32:43

Highest Band Edge / 1 RB



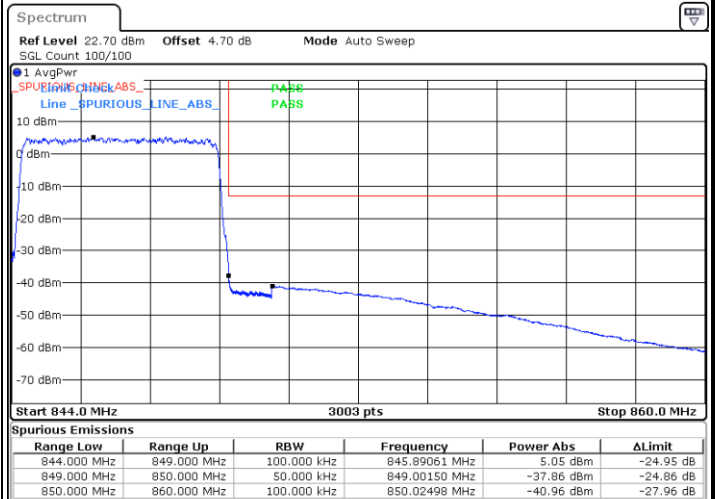
Date: 28.MAY.2021 04:36:31

Lowest Band Edge / Full RB



Date: 28.MAY.2021 04:34:37

Highest Band Edge / Full RB

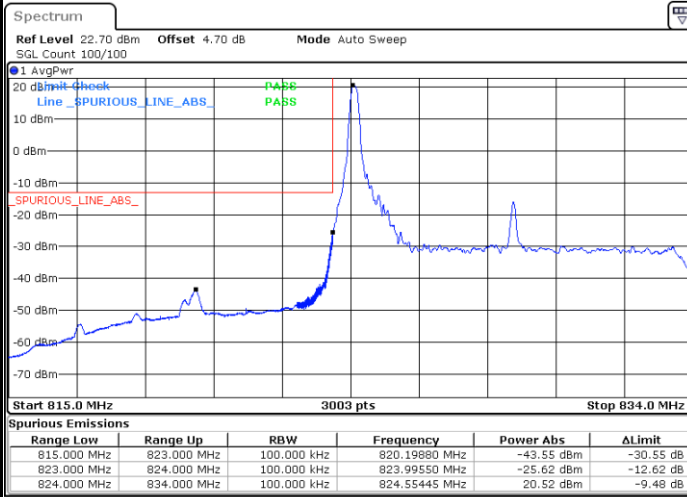


Date: 28.MAY.2021 04:38:25



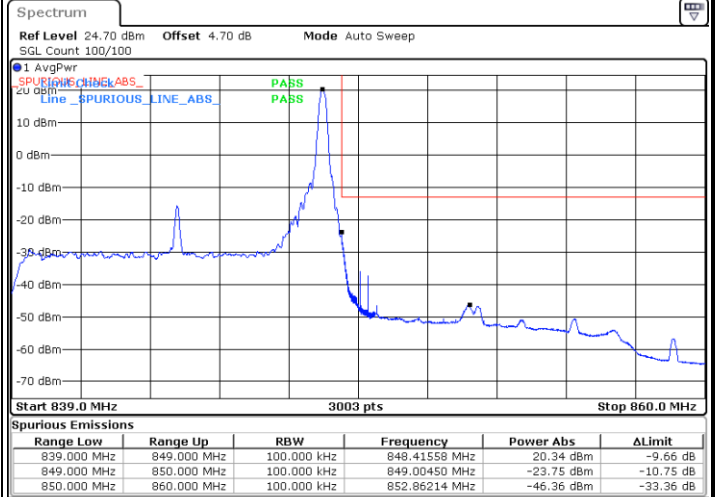
LTE Band 5 / 10MHz / QPSK

Lowest Band Edge / 1 RB



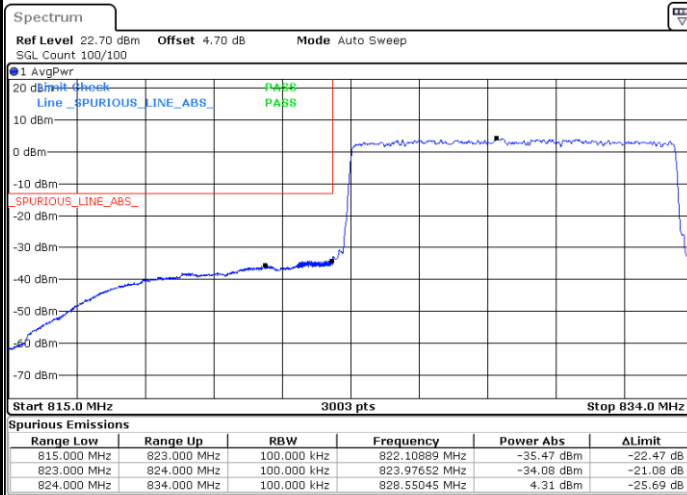
Date: 28.MAY.2021 04:40:22

Highest Band Edge / 1 RB



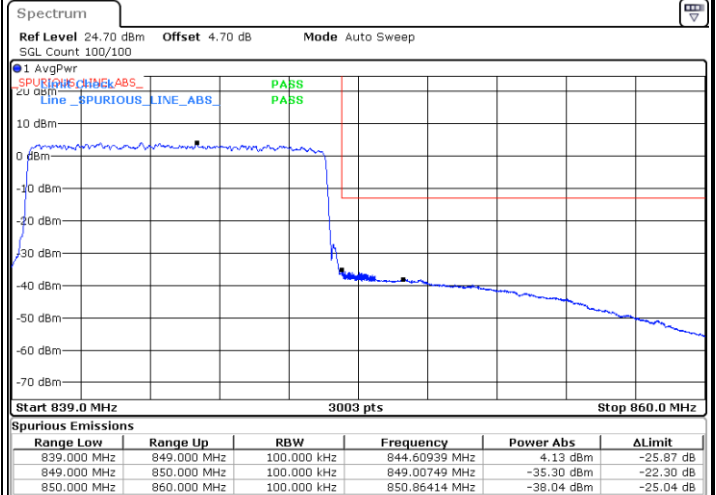
Date: 28.MAY.2021 04:53:43

Lowest Band Edge / Full RB



Date: 28.MAY.2021 04:44:10

Highest Band Edge / Full RB

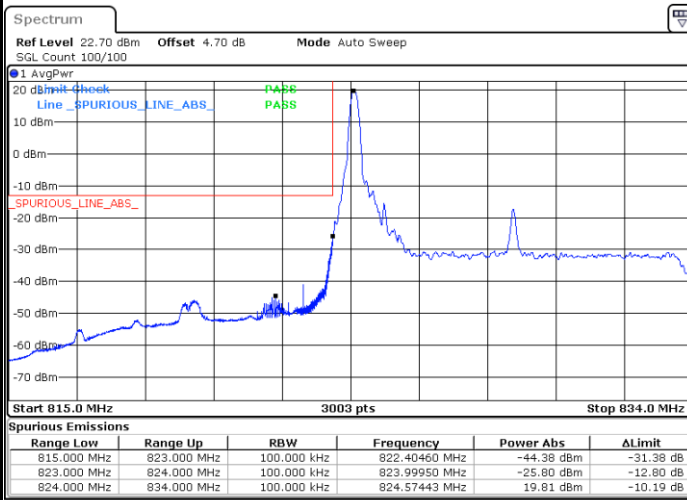


Date: 28.MAY.2021 04:57:31



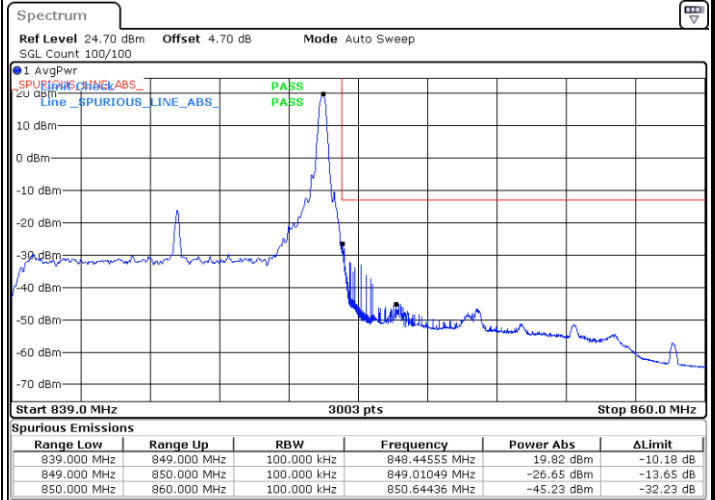
LTE Band 5 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



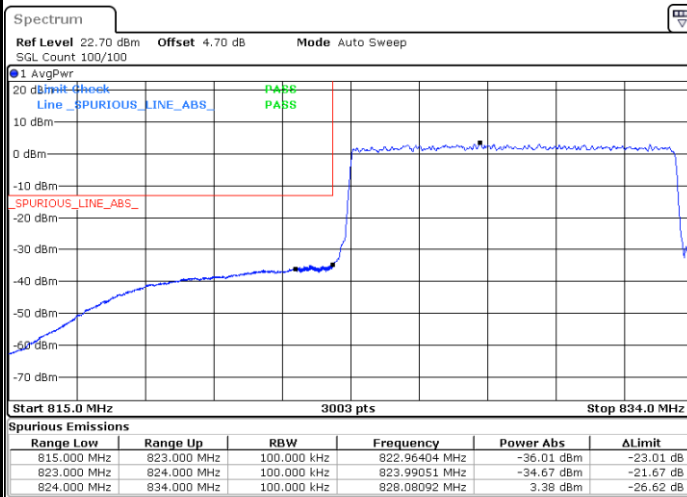
Date: 28.MAY.2021 04:42:16

Highest Band Edge / 1 RB



Date: 28.MAY.2021 04:55:37

Lowest Band Edge / Full RB



Date: 28.MAY.2021 04:46:03

Highest Band Edge / Full RB



Date: 28.MAY.2021 04:59:25