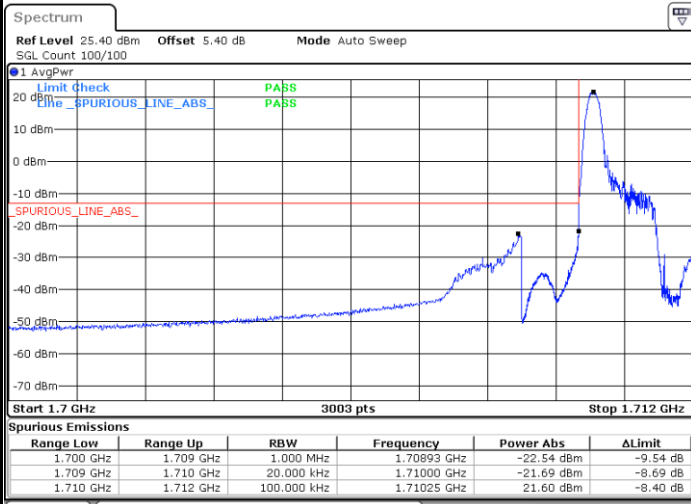




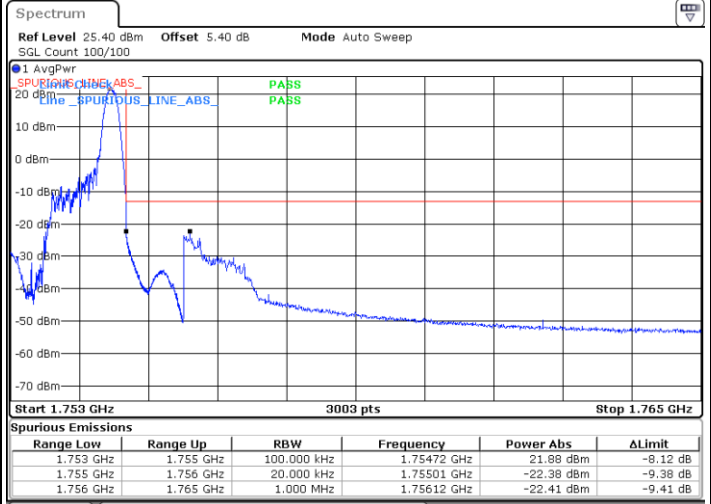
LTE Band 4 / 1.4MHz / 16QAM

Lowest Band Edge / 1 RB



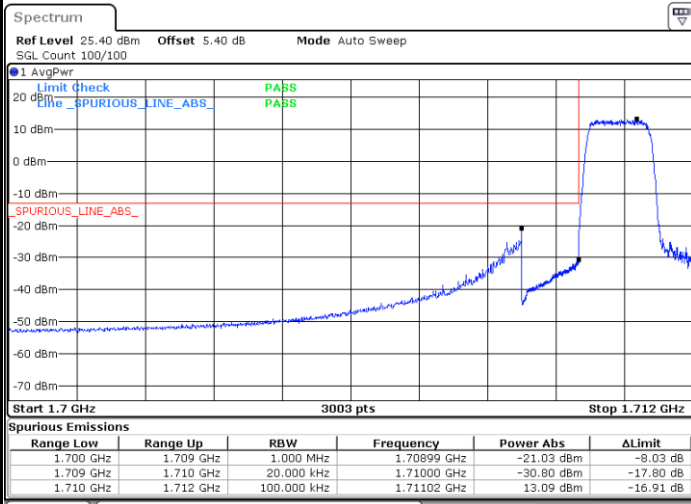
Date: 14.JUN.2022 06:20:54

Highest Band Edge / 1 RB



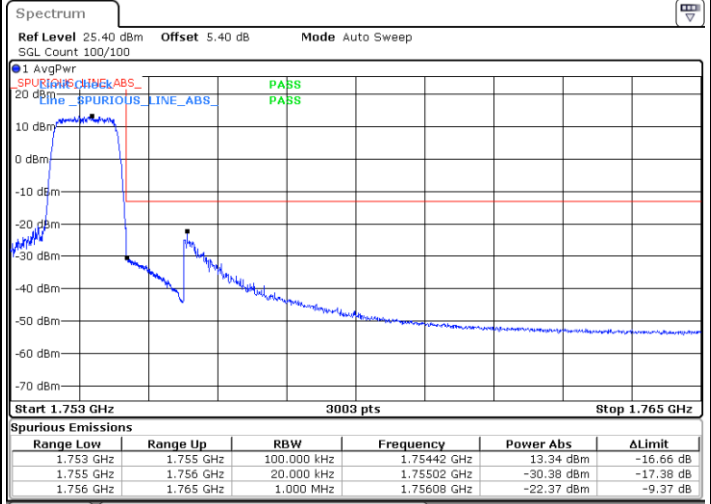
Date: 14.JUN.2022 07:06:52

Lowest Band Edge / Full RB



Date: 14.JUN.2022 06:28:03

Highest Band Edge / Full RB



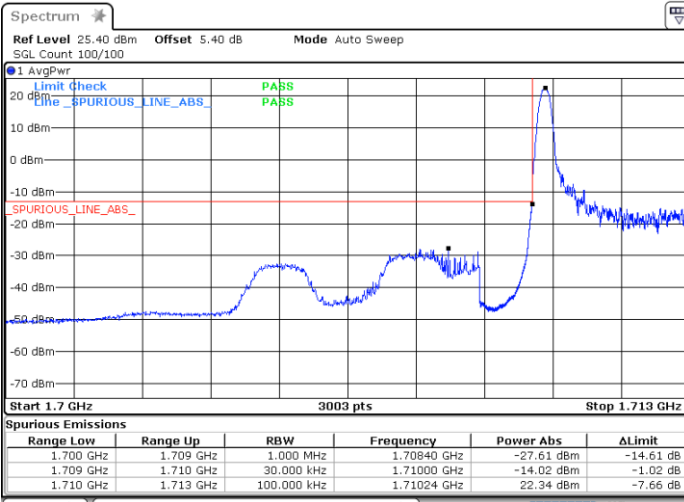
Date: 14.JUN.2022 07:08:14



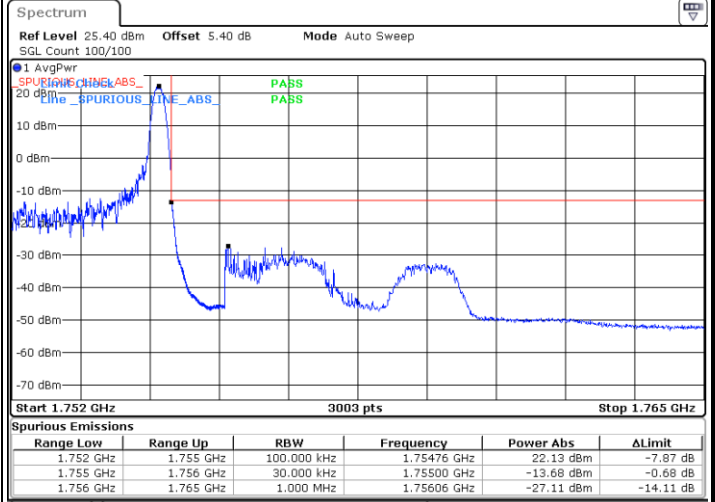
LTE Band 4 / 3MHz / QPSK

Lowest Band Edge / 1RB

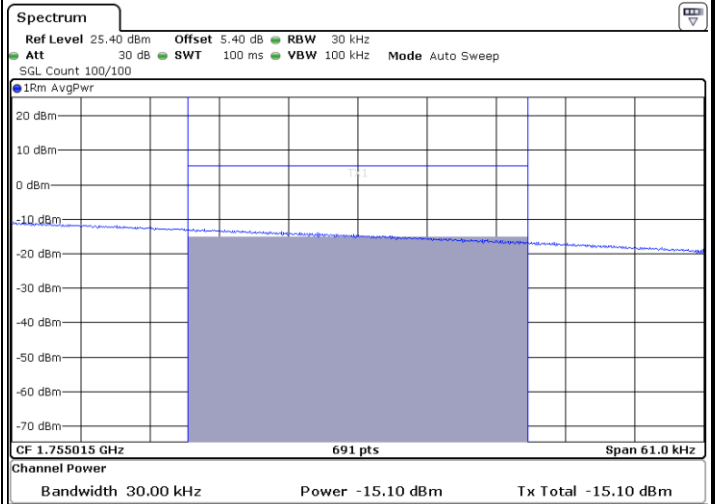
Highest Band Edge / 1 RB



Date: 14.JUN.2022 07:15:17



Date: 14.JUN.2022 07:27:21

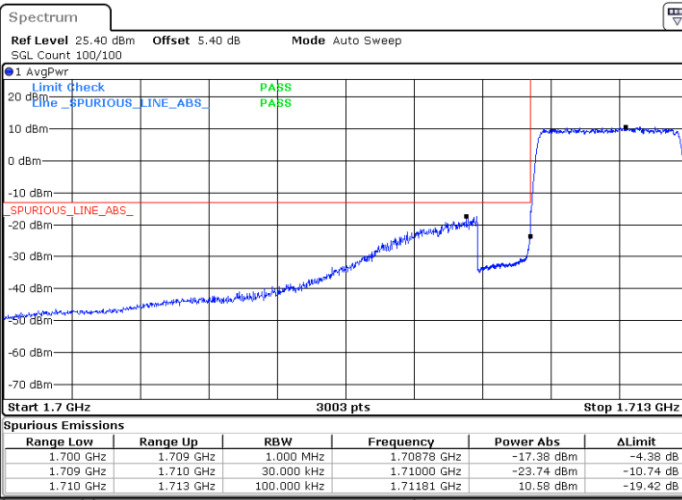


Date: 14.JUN.2022 07:28:39



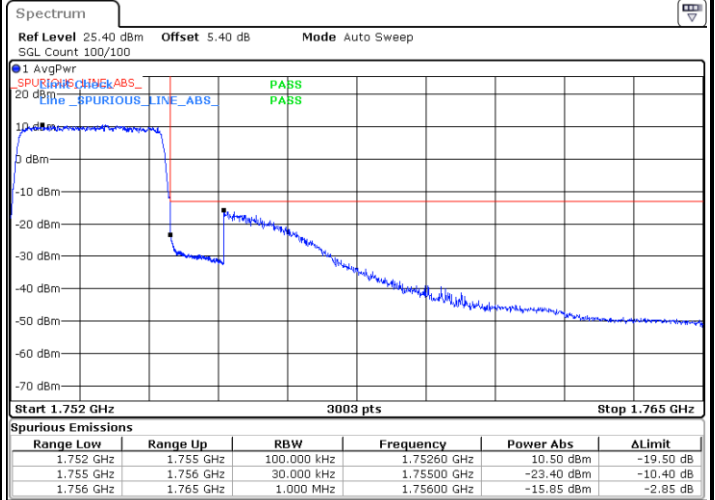
LTE Band 4 / 3MHz / QPSK

Lowest Band Edge / Full RB



Date: 14.JUN.2022 07:24:22

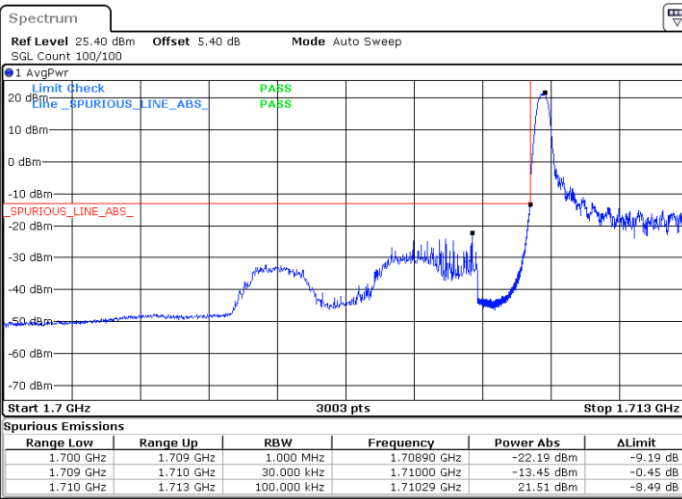
Highest Band Edge / Full RB



Date: 14.JUN.2022 07:33:01

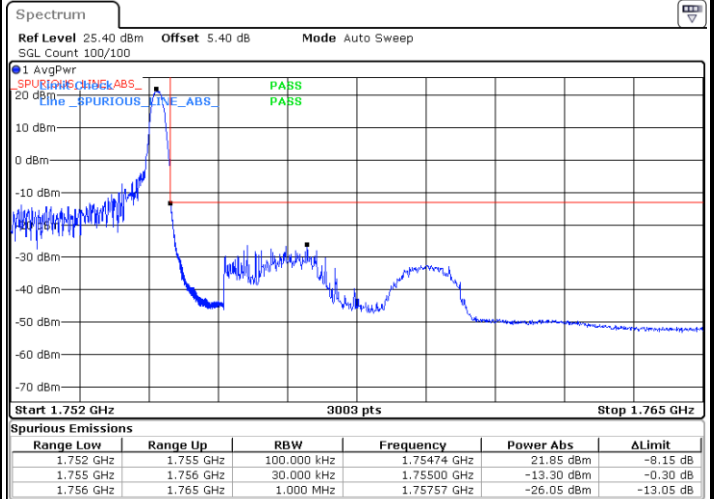
LTE Band 4 / 3MHz / 16QAM

Lowest Band Edge / 1 RB

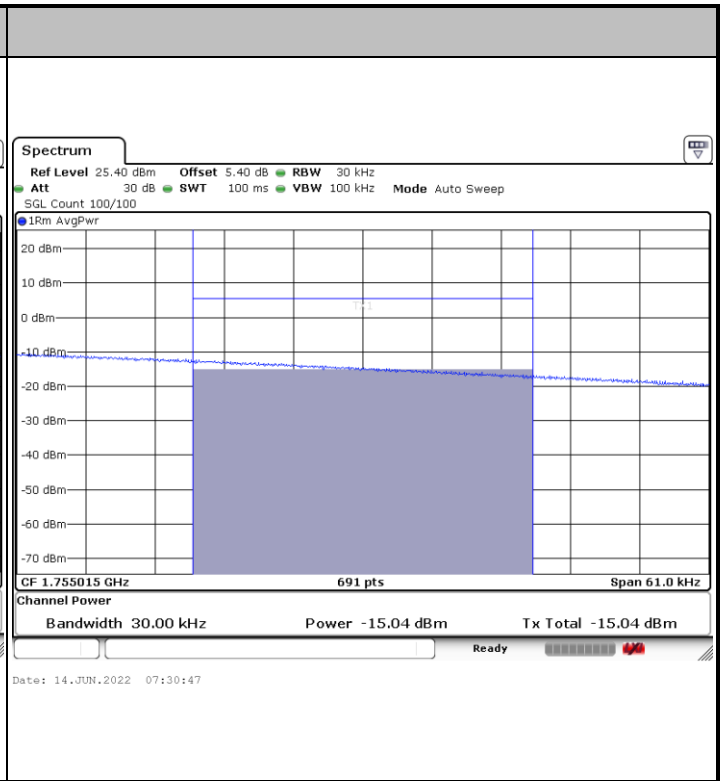
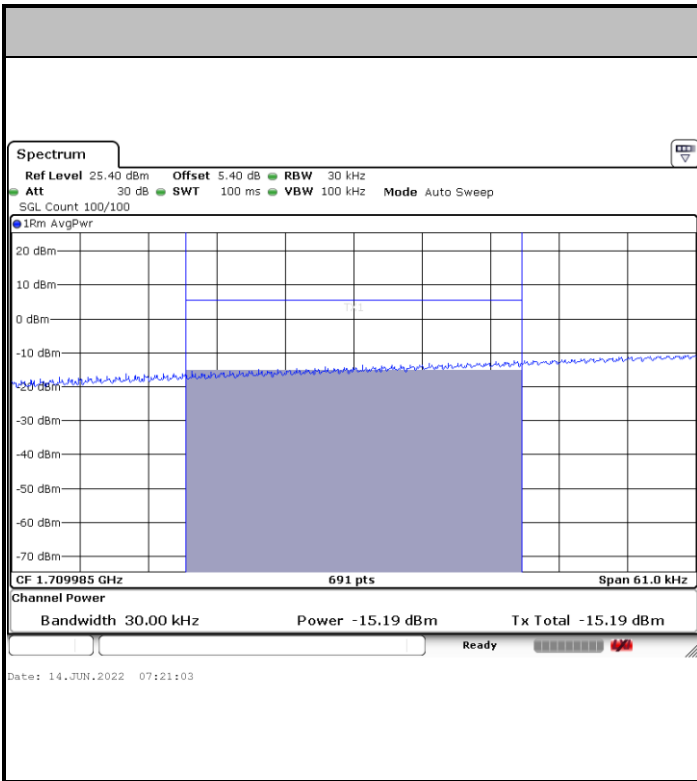


Date: 14.JUN.2022 07:17:06

Highest Band Edge / 1 RB

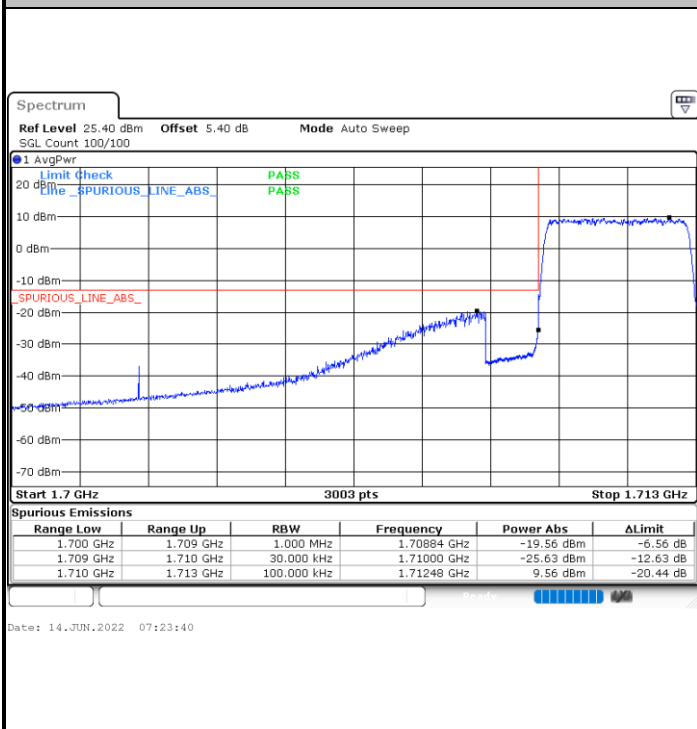


Date: 14.JUN.2022 07:29:35

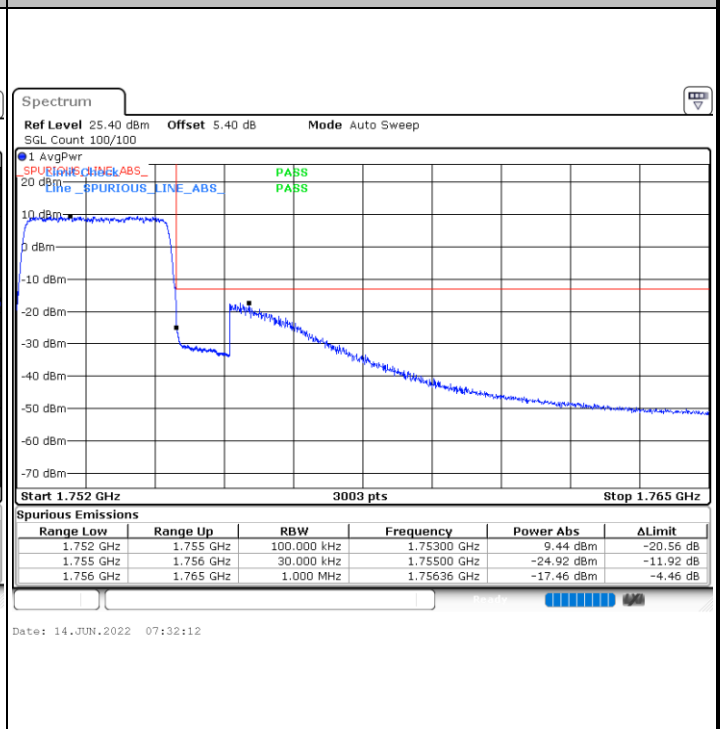


LTE Band 4 / 3MHz / 16QAM

Lowest Band Edge / Full RB



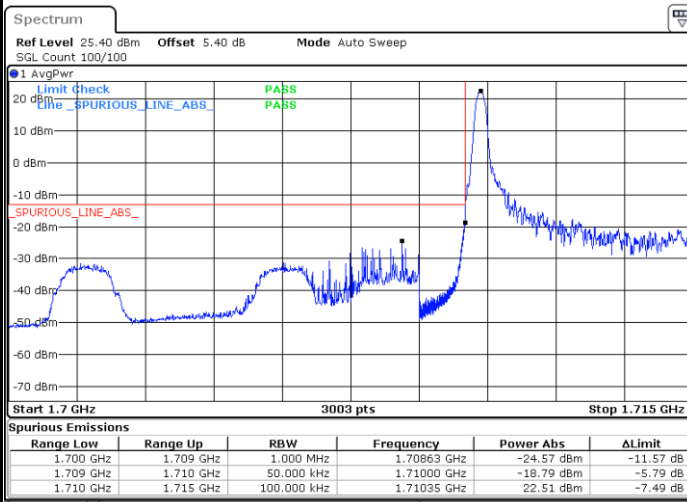
Highest Band Edge / Full RB





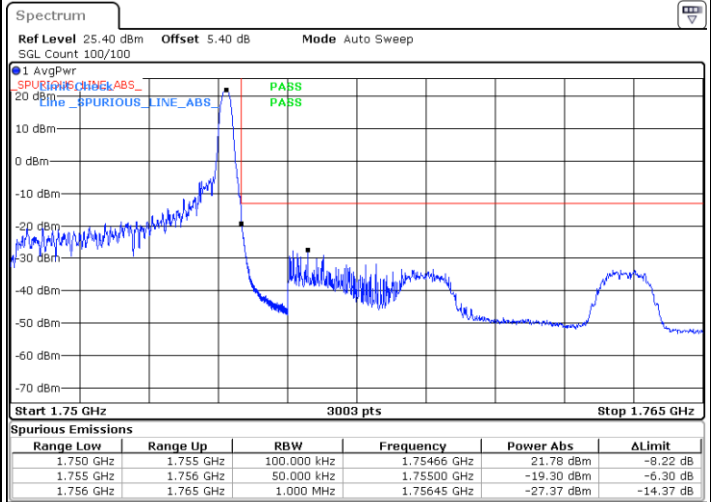
LTE Band 4 / 5MHz / QPSK

Lowest Band Edge / 1 RB



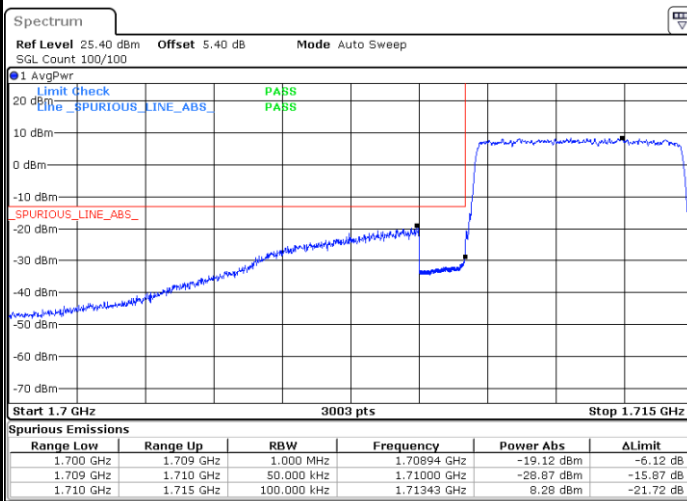
Date: 14.JUN.2022 07:34:37

Highest Band Edge / 1 RB



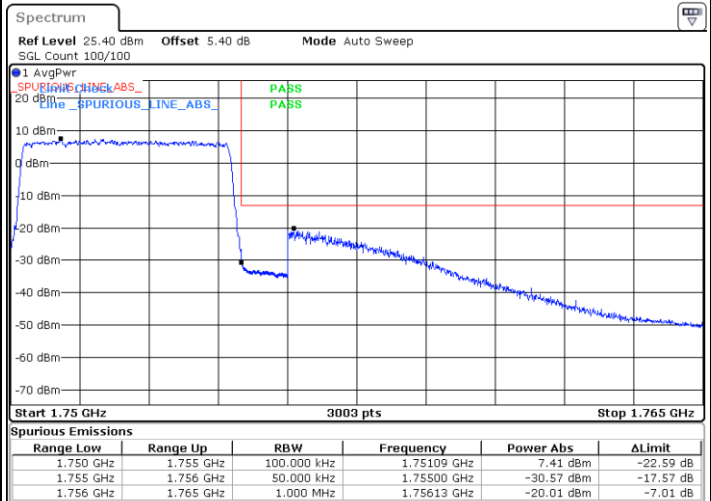
Date: 14.JUN.2022 07:39:00

Lowest Band Edge / Full RB



Date: 14.JUN.2022 07:36:26

Highest Band Edge / Full RB

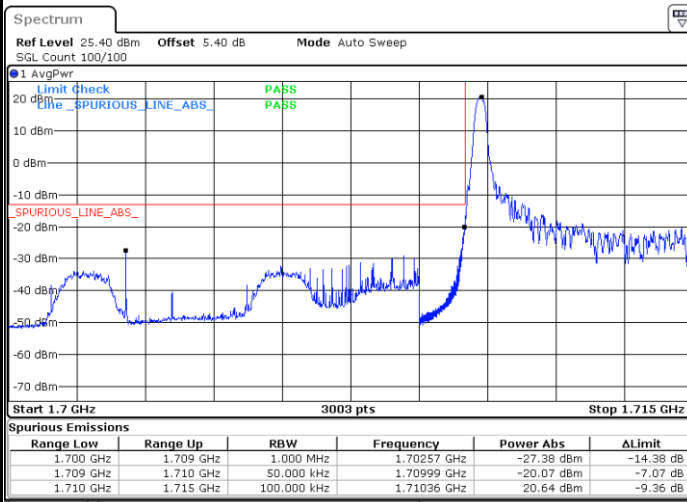


Date: 14.JUN.2022 07:40:45



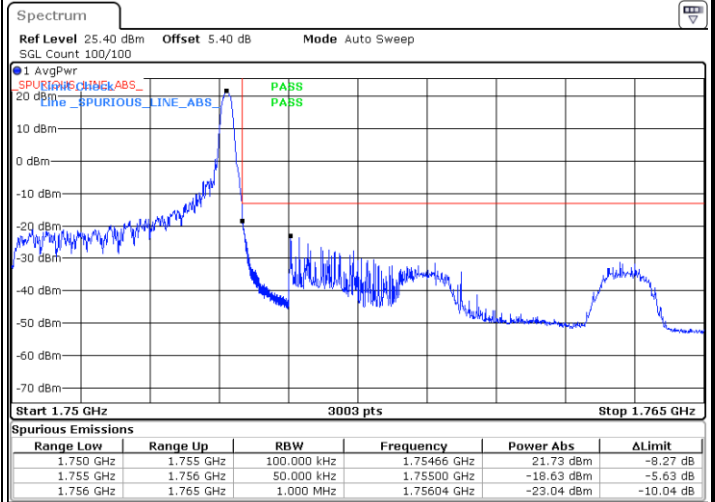
LTE Band 4 / 5MHz / 16QAM

Lowest Band Edge / 1RB



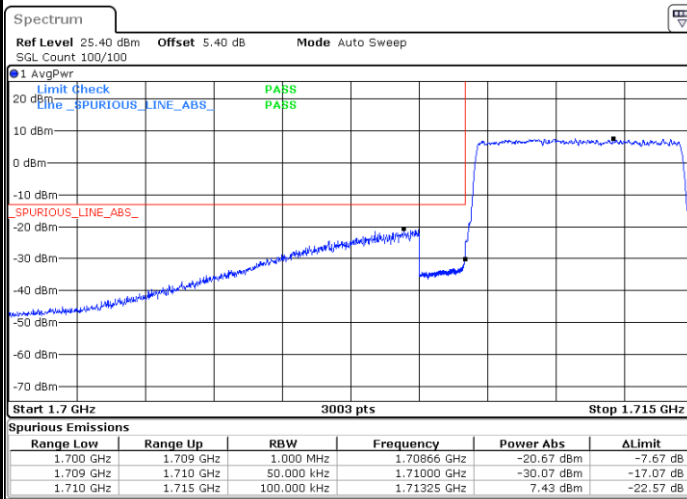
Date: 14.JUN.2022 07:35:15

Highest Band Edge / 1 RB



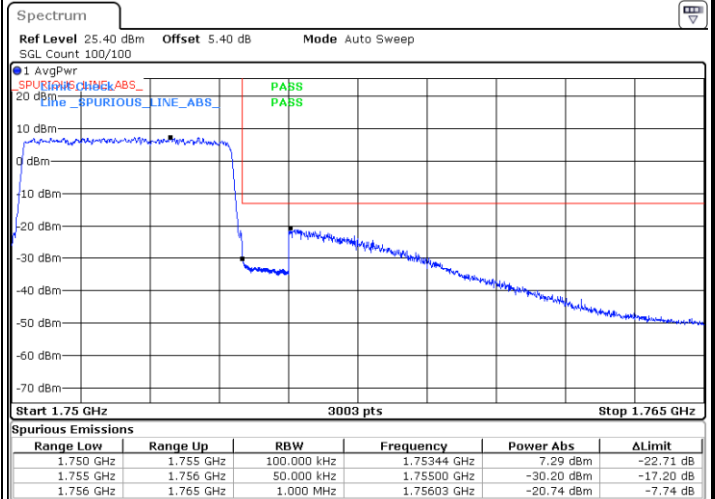
Date: 14.JUN.2022 07:39:40

Lowest Band Edge / Full RB



Date: 14.JUN.2022 07:35:44

Highest Band Edge / Full RB

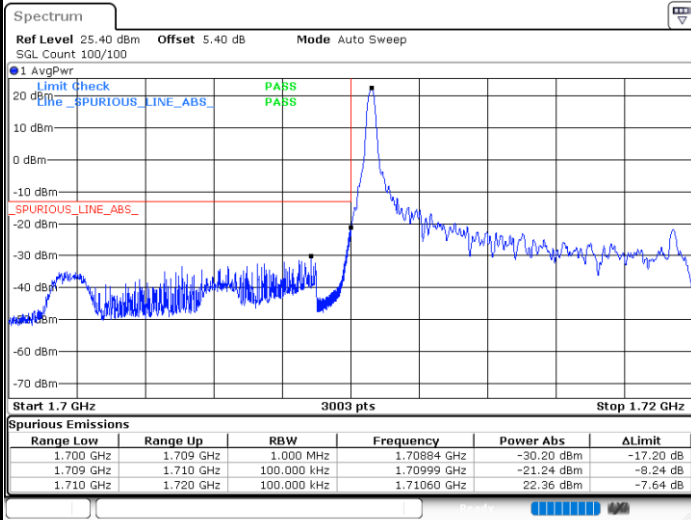


Date: 14.JUN.2022 07:40:15



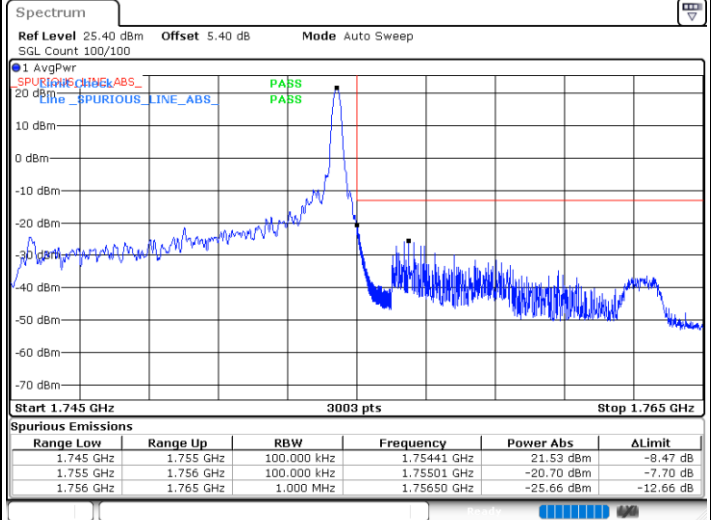
LTE Band 4 / 10MHz / QPSK

Lowest Band Edge / 1 RB



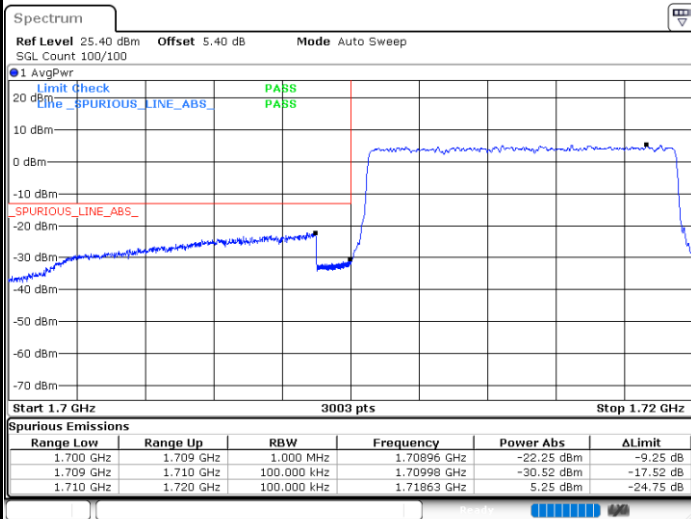
Date: 14.JUN.2022 07:41:50

Highest Band Edge / 1 RB



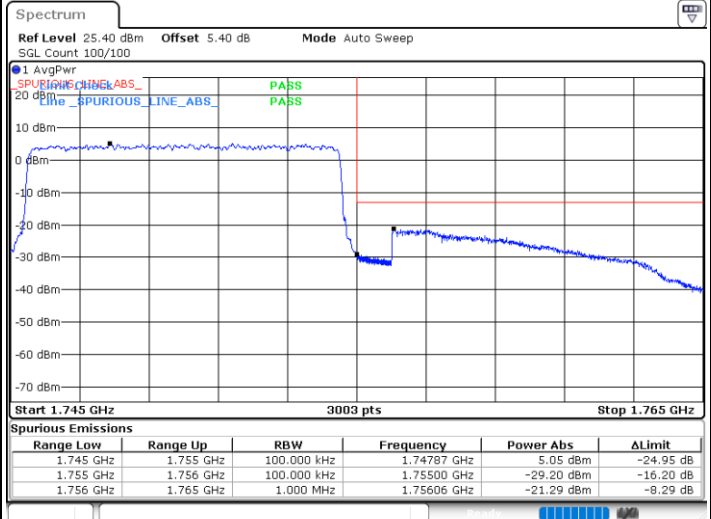
Date: 14.JUN.2022 07:48:40

Lowest Band Edge / Full RB



Date: 14.JUN.2022 08:12:30

Highest Band Edge / Full RB

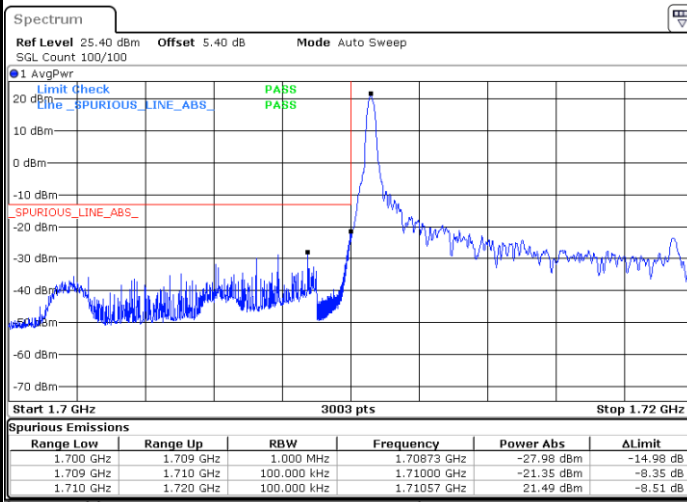


Date: 14.JUN.2022 08:13:06



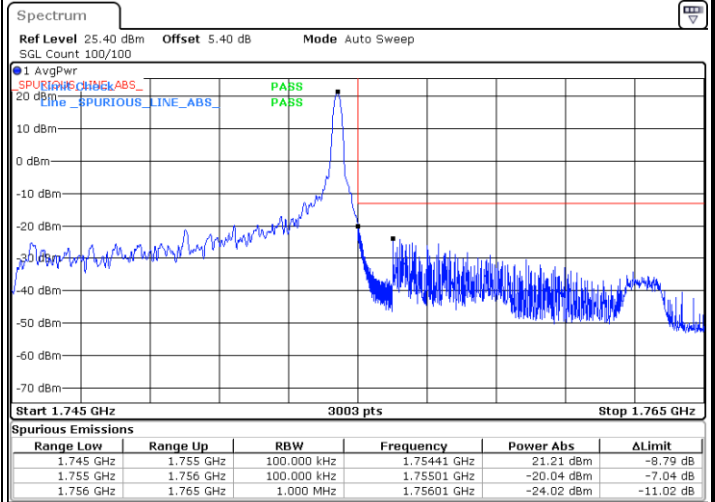
LTE Band 4 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



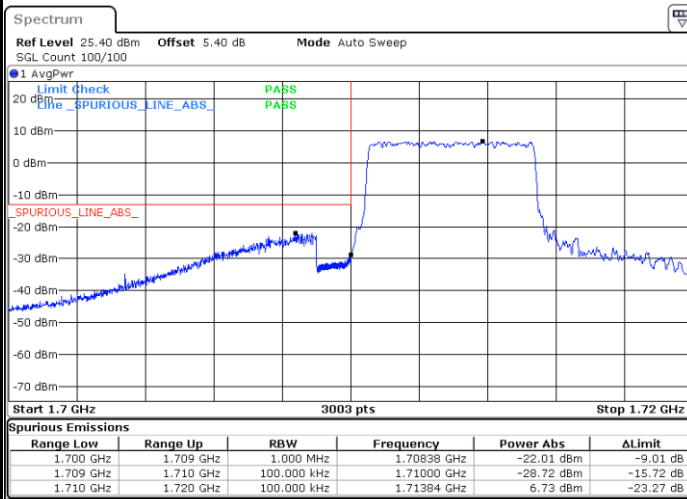
Date: 14.JUN.2022 07:42:19

Highest Band Edge / 1 RB



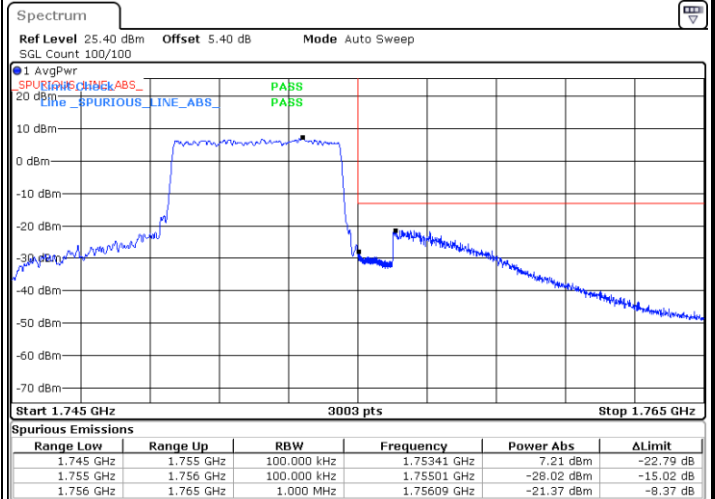
Date: 14.JUN.2022 07:48:19

Lowest Band Edge / Full RB



Date: 14.JUN.2022 07:43:08

Highest Band Edge / Full RB

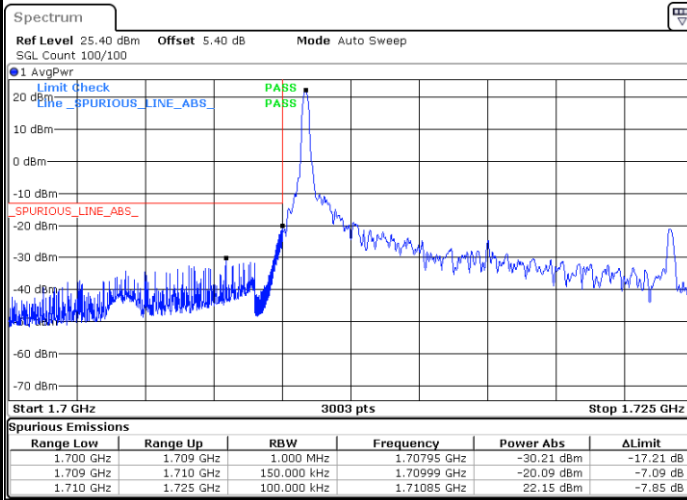


Date: 14.JUN.2022 07:47:48

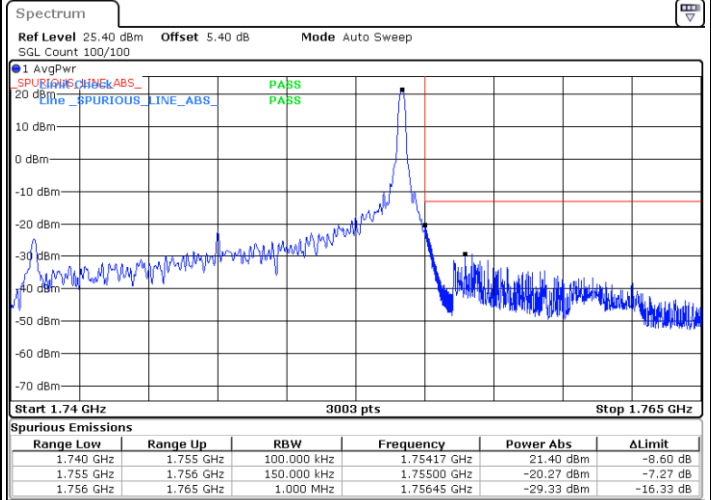


LTE Band 4 / 15MHz / QPSK

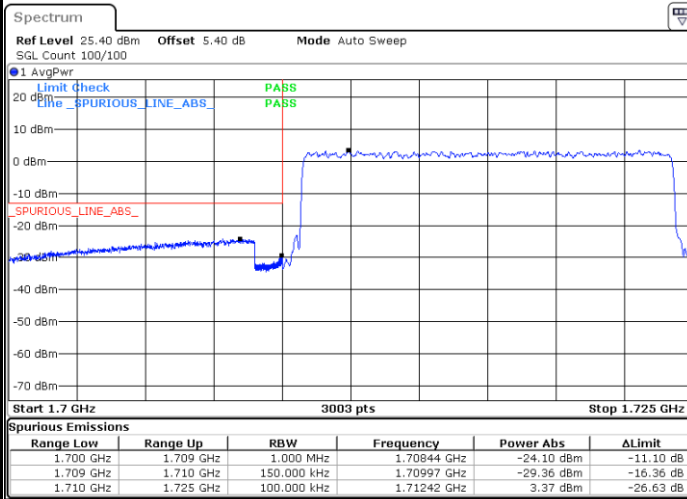
Lowest Band Edge / 1 RB



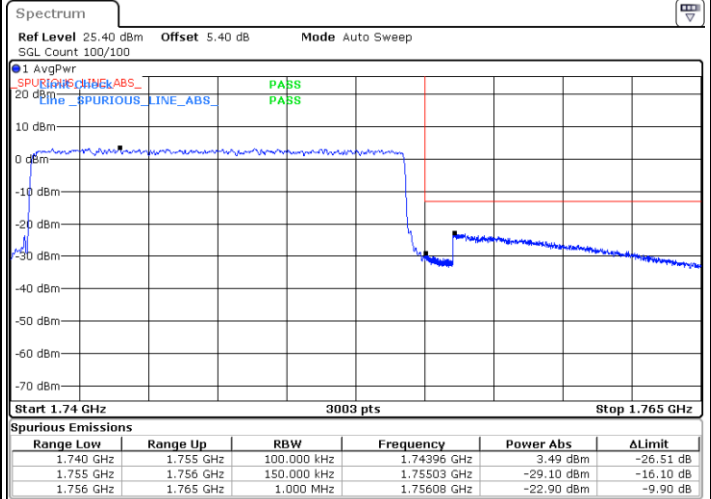
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



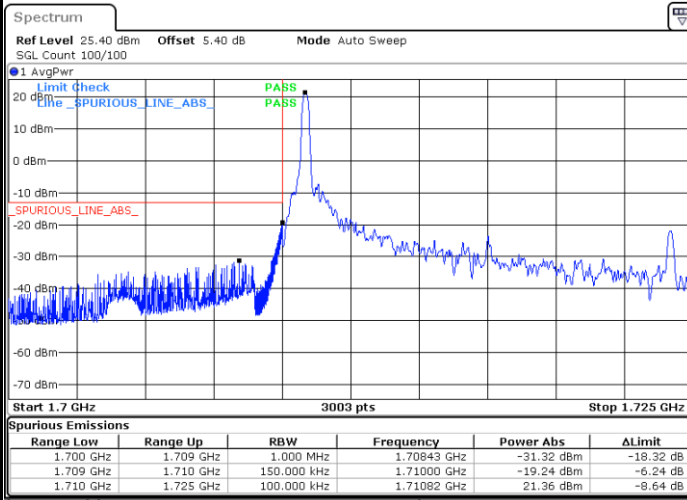
Highest Band Edge / Full RB





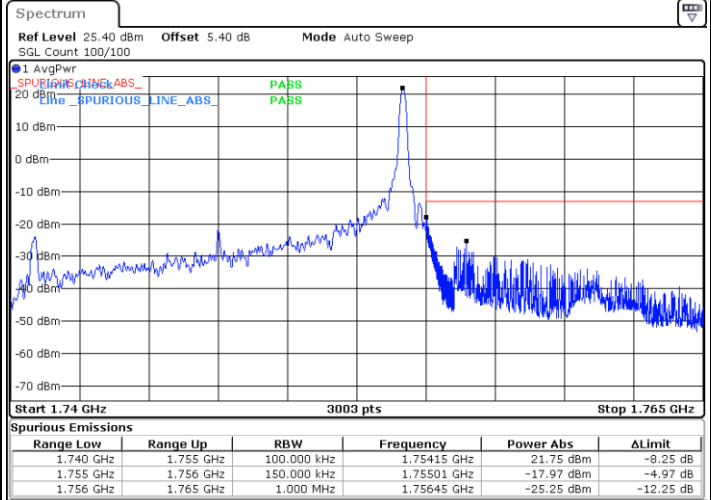
LTE Band 4 / 15MHz / 16QAM

Lowest Band Edge / 1 RB



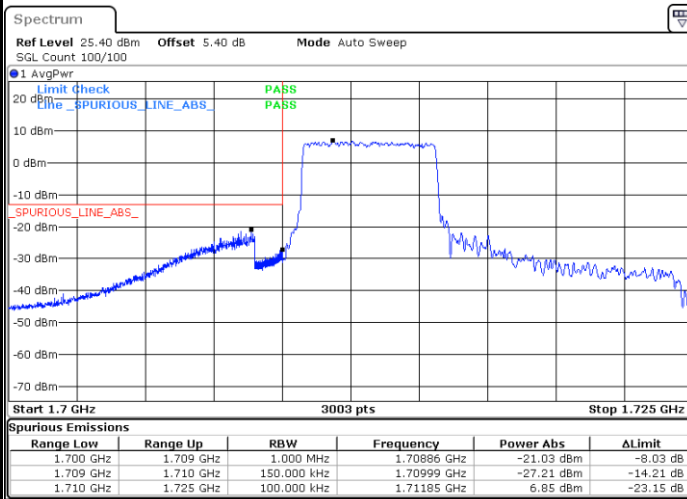
Date: 14.JUN.2022 07:51:00

Highest Band Edge / 1 RB



Date: 14.JUN.2022 07:55:14

Lowest Band Edge / Full RB



Date: 14.JUN.2022 07:51:23

Highest Band Edge / Full RB

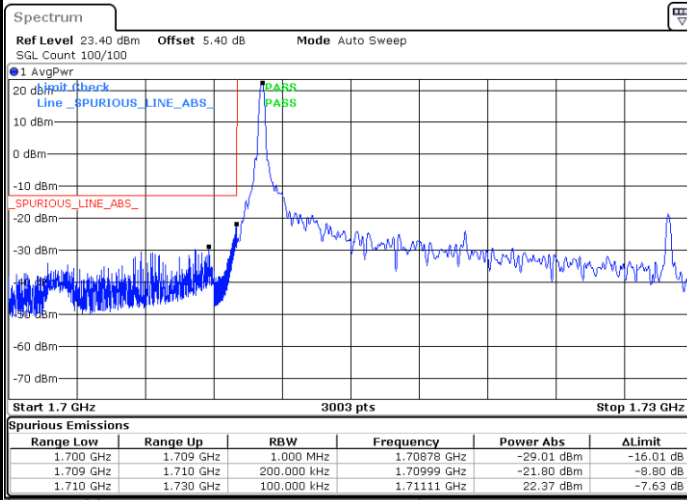


Date: 14.JUN.2022 07:55:43



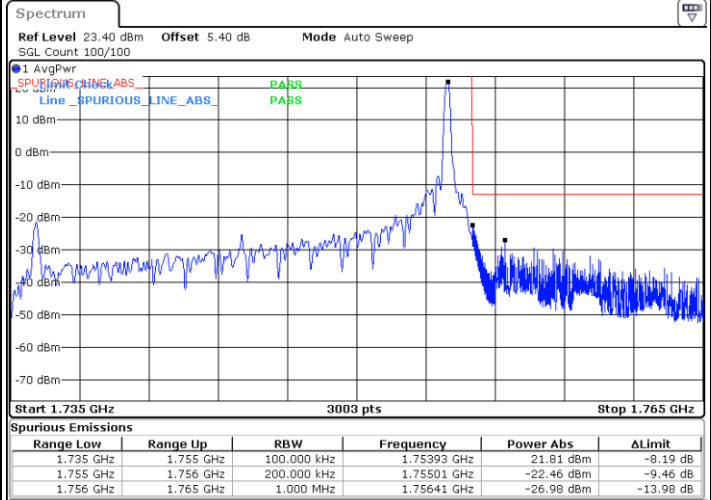
LTE Band 4 / 20MHz / QPSK

Lowest Band Edge / 1 RB



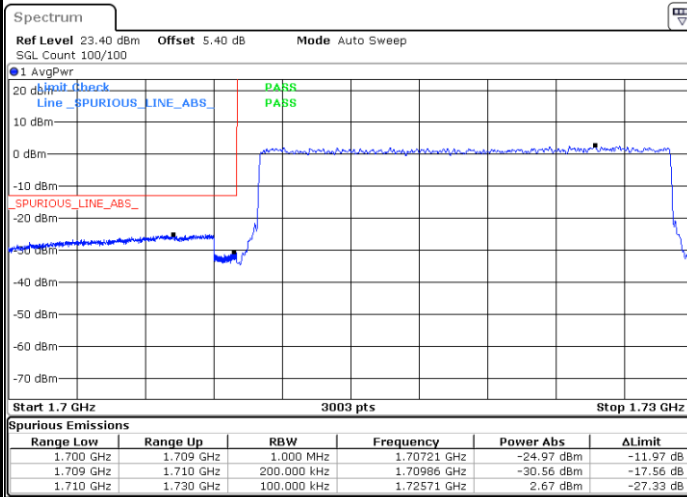
Date: 14.JUN.2022 07:58:19

Highest Band Edge / 1 RB



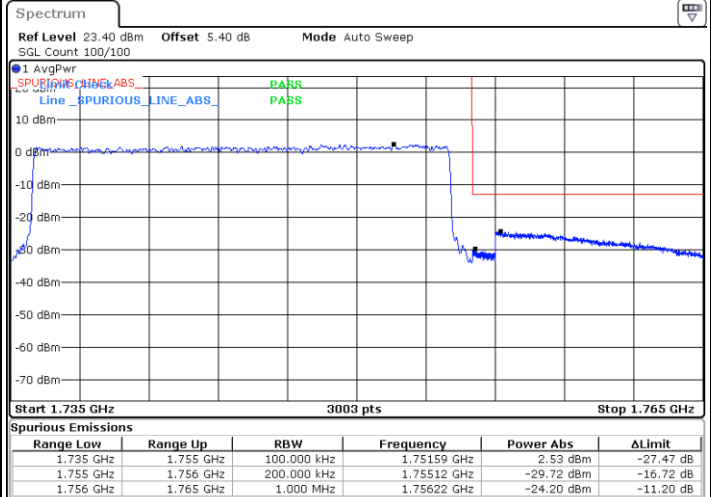
Date: 14.JUN.2022 08:04:06

Lowest Band Edge / Full RB



Date: 14.JUN.2022 08:14:53

Highest Band Edge / Full RB

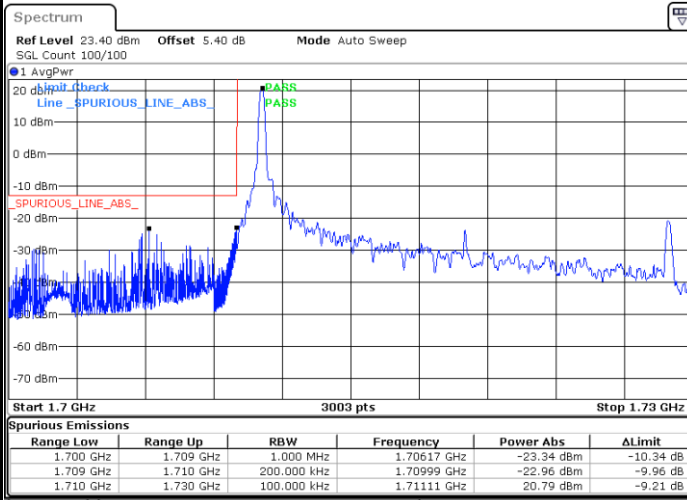


Date: 14.JUN.2022 08:15:28



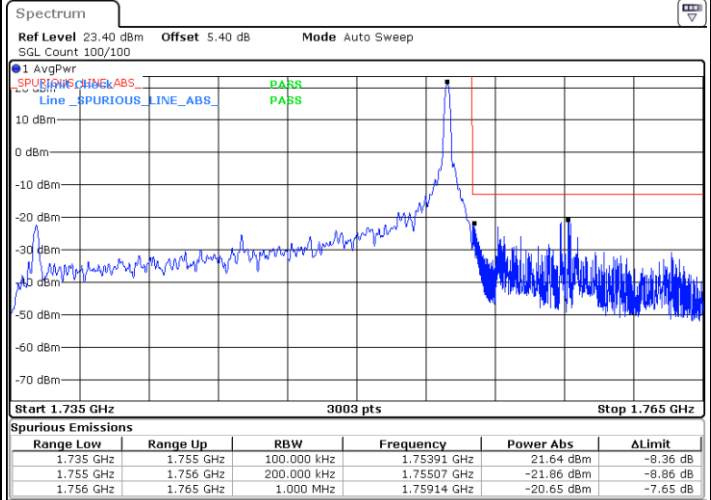
LTE Band 4 / 20MHz / 16QAM

Lowest Band Edge / 1 RB



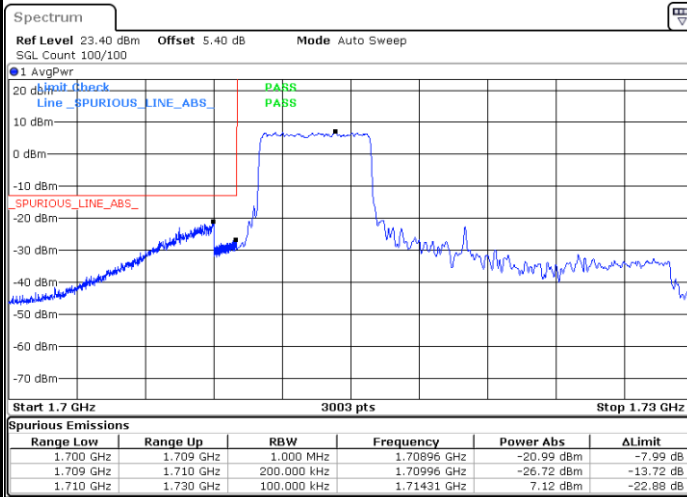
Date: 14.JUN.2022 07:58:39

Highest Band Edge / 1 RB



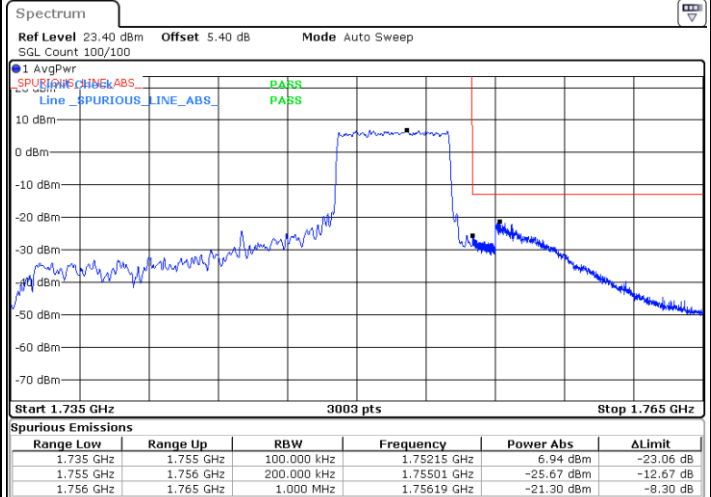
Date: 14.JUN.2022 08:04:35

Lowest Band Edge / Full RB



Date: 14.JUN.2022 07:59:02

Highest Band Edge / Full RB



Date: 14.JUN.2022 08:05:05

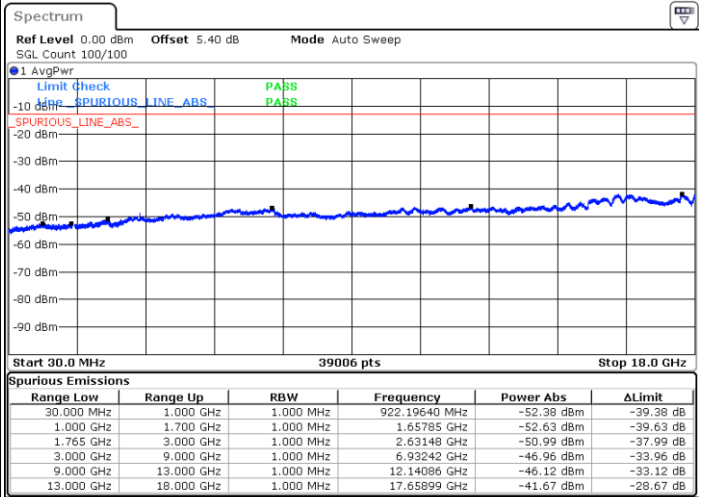
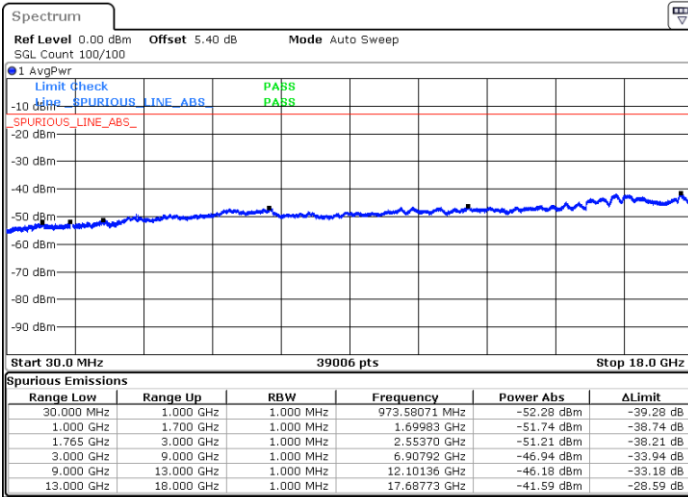


Conducted Spurious Emission

LTE Band 4 / 1.4MHz

Lowest Channel / QPSK

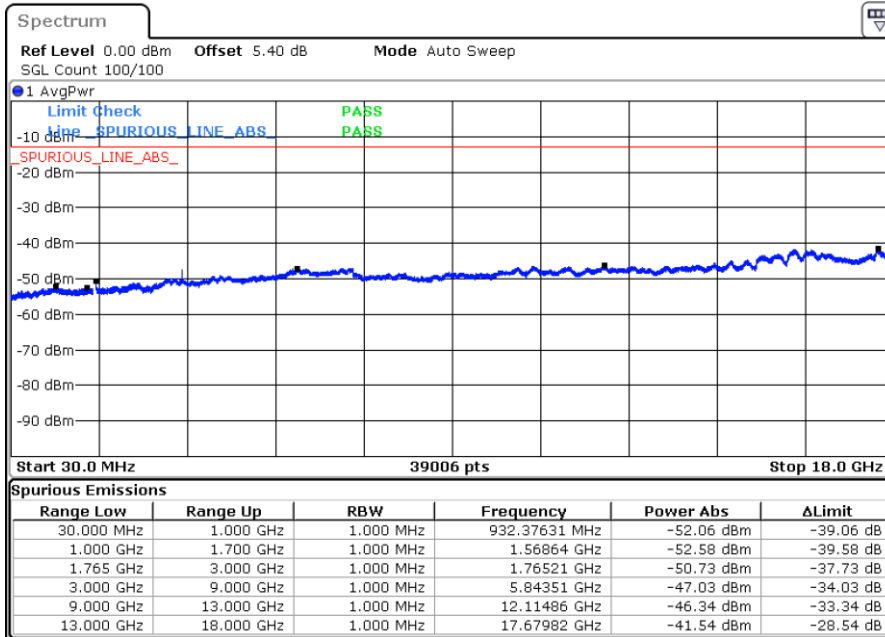
Middle Channel / QPSK



Date: 14.JUN.2022 06:30:10

Date: 14.JUN.2022 06:58:07

Highest Channel / QPSK



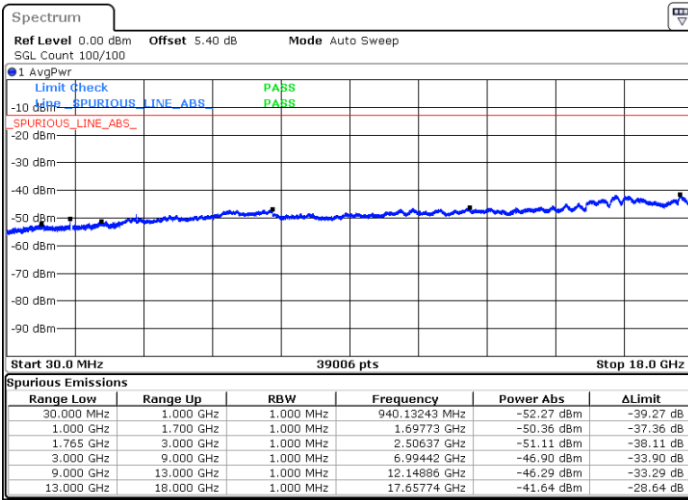
Date: 14.JUN.2022 06:59:15



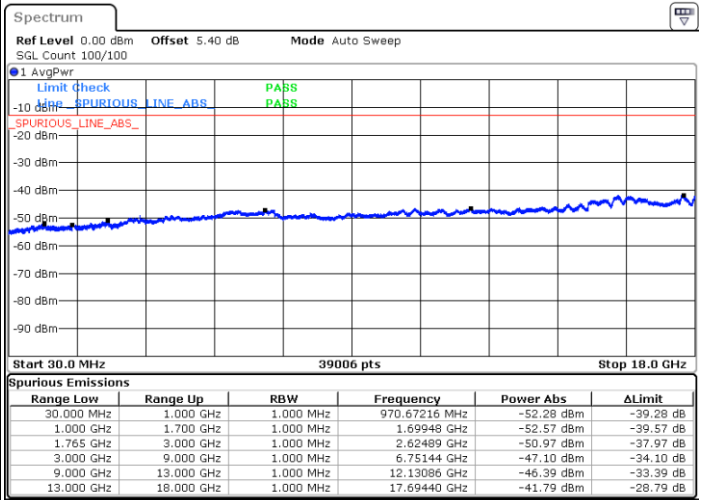
LTE Band 4 / 3MHz

Lowest Channel / QPSK

Middle Channel / QPSK

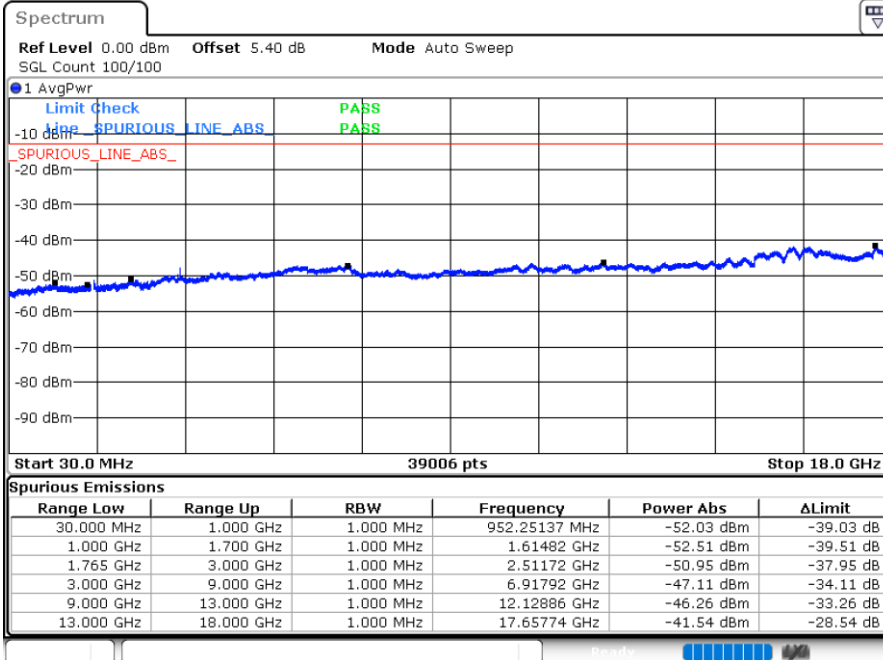


Date: 14.JUN.2022 07:16:12



Date: 14.JUN.2022 07:25:15

Highest Channel / QPSK



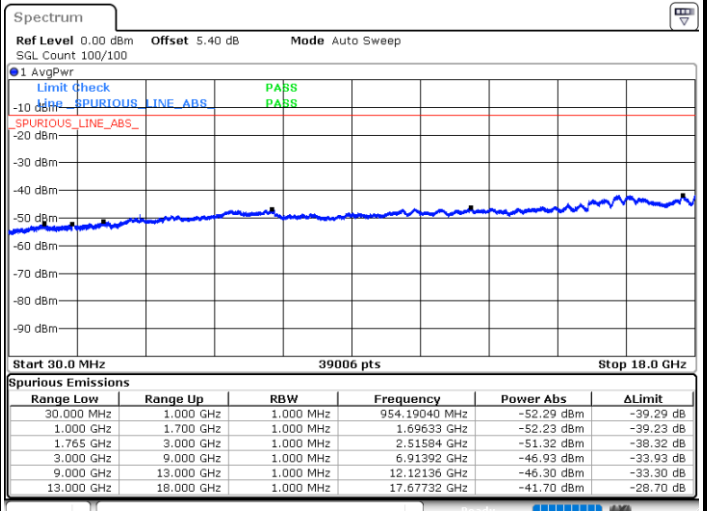
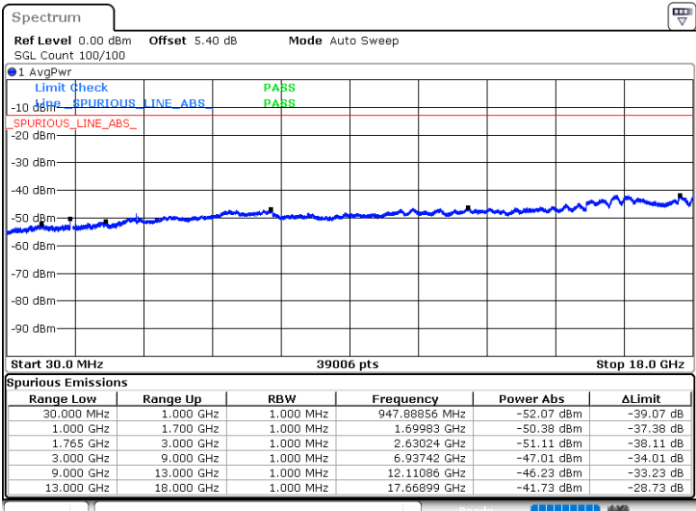
Date: 14.JUN.2022 07:26:14



LTE Band 4 / 5MHz

Lowest Channel / QPSK

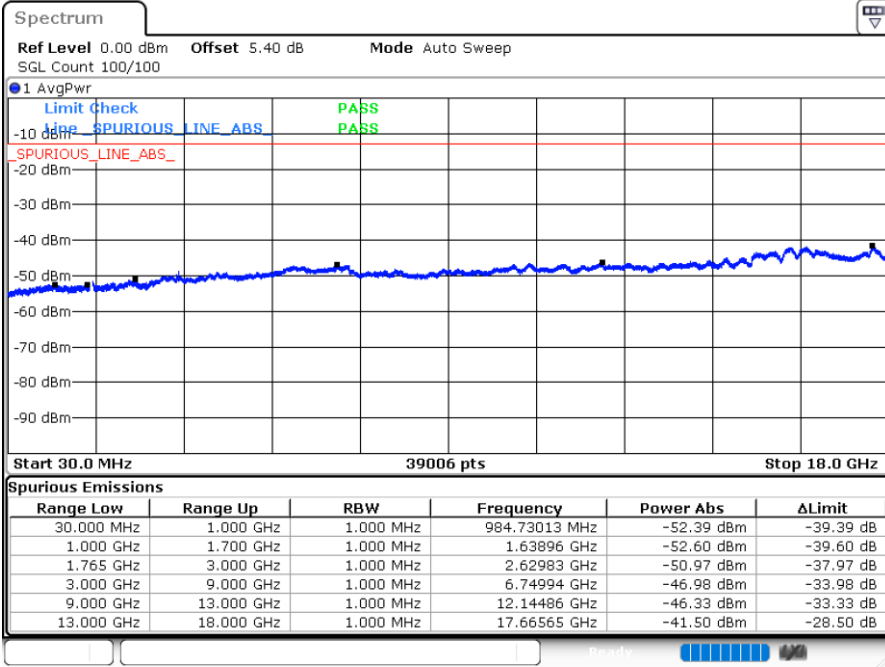
Middle Channel / QPSK



Date: 14.JUN.2022 07:34:16

Date: 14.JUN.2022 07:37:16

Highest Channel / QPSK



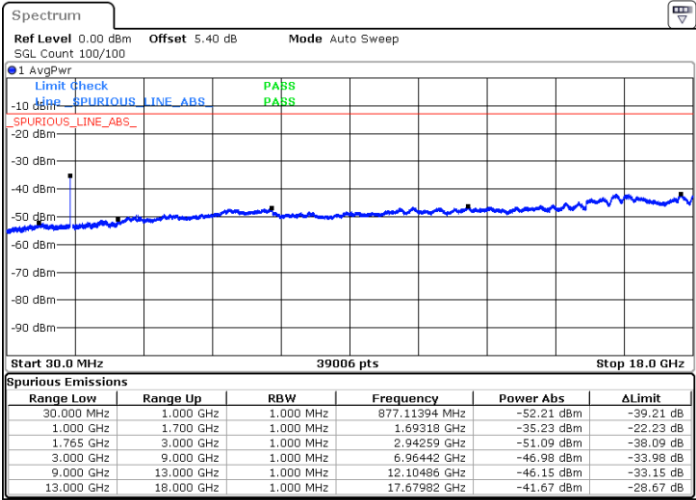
Date: 14.JUN.2022 07:38:20



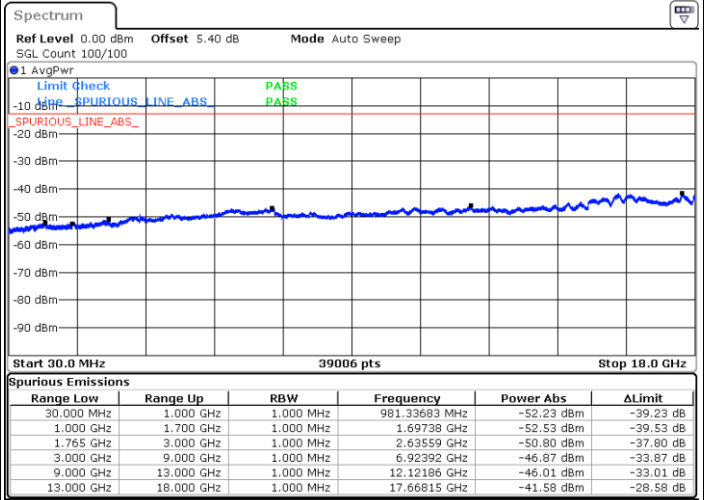
LTE Band 4 / 10MHz

Lowest Channel / QPSK

Middle Channel / QPSK

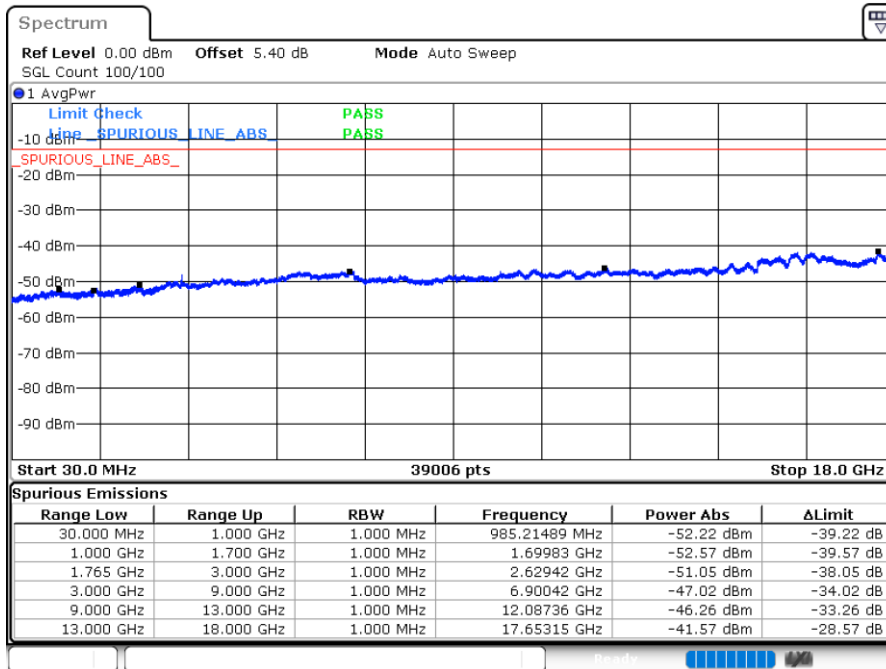


Date: 14. JUN. 2022 07:44:17



Date: 14. JUN. 2022 07:45:16

Highest Channel / QPSK



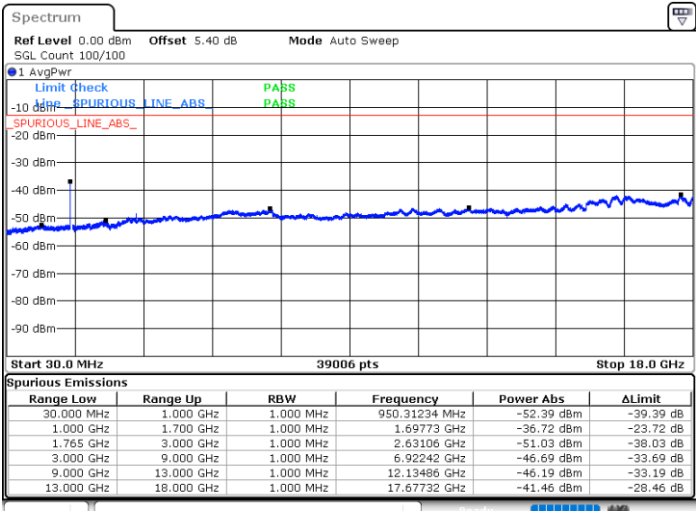
Date: 14. JUN. 2022 07:46:28



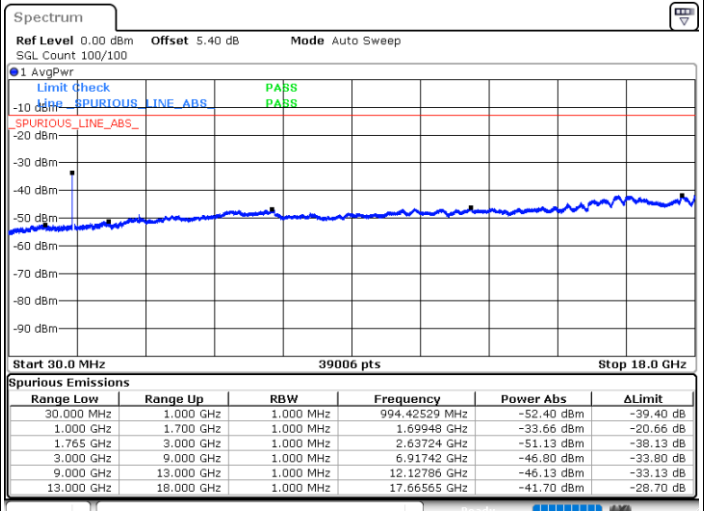
LTE Band 4 / 15MHz

Lowest Channel / QPSK

Middle Channel / QPSK

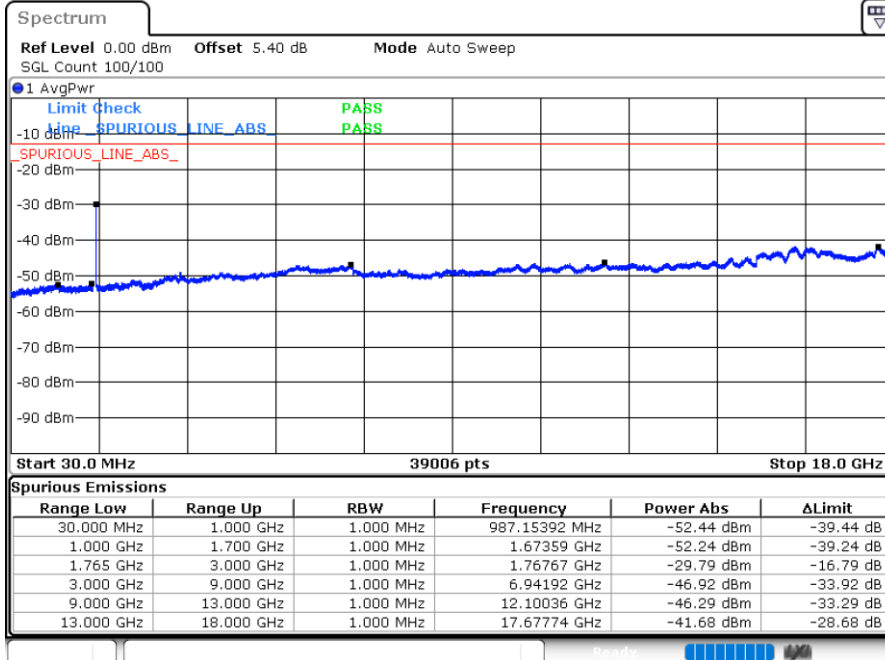


Date: 14.JUN.2022 07:50:25



Date: 14.JUN.2022 07:52:47

Highest Channel / QPSK



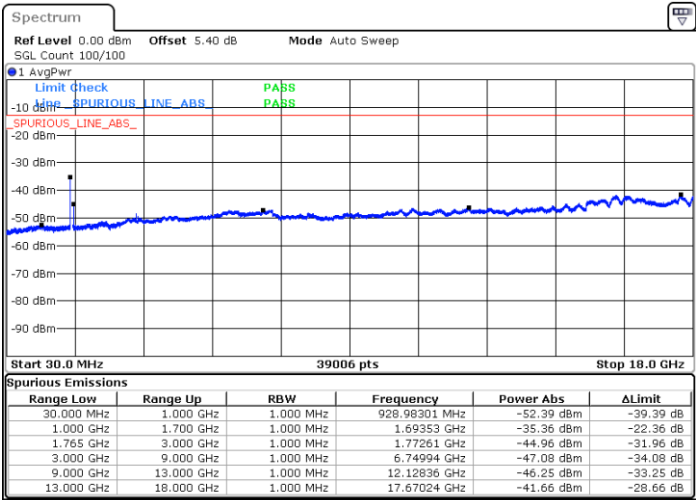
Date: 14.JUN.2022 07:54:30



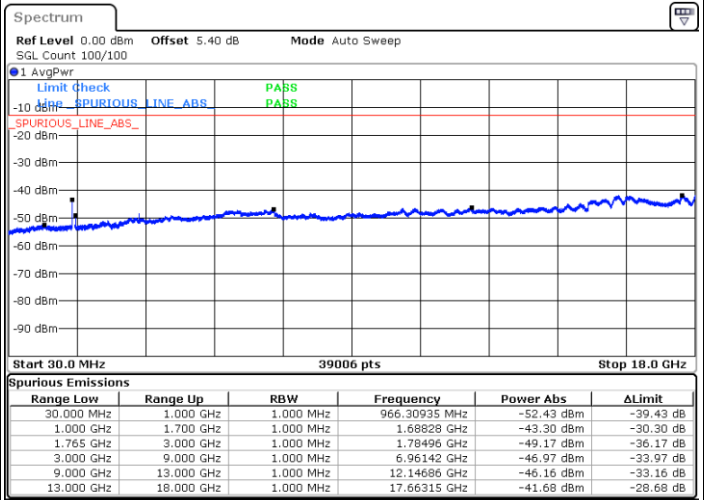
LTE Band 4 / 20MHz

Lowest Channel / QPSK

Middle Channel / QPSK

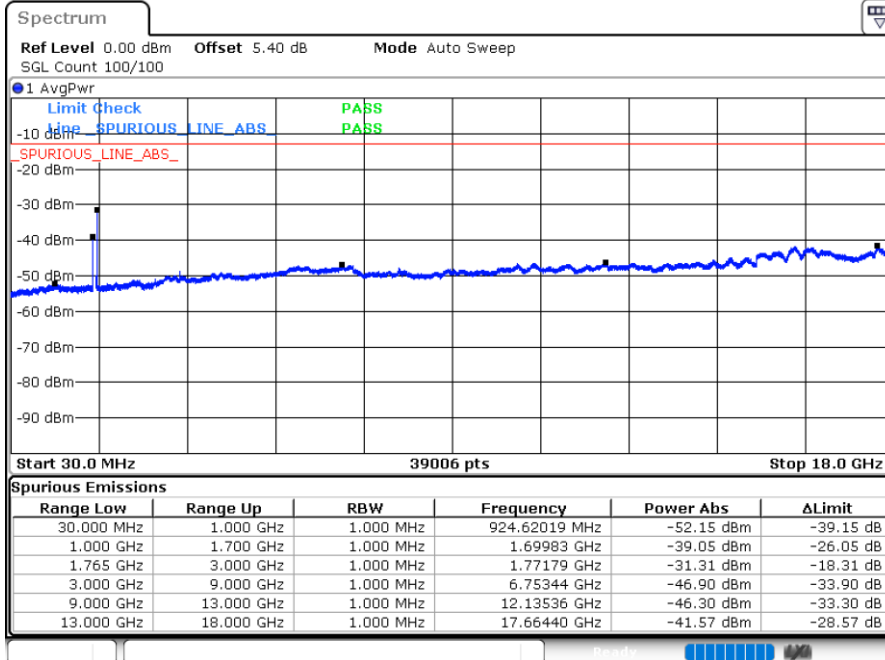


Date: 14.JUN.2022 07:58:05



Date: 14.JUN.2022 08:00:57

Highest Channel / QPSK



Date: 14.JUN.2022 08:03:37



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	0.0030	PASS
40	Normal Voltage	0.0003	
30	Normal Voltage	0.0023	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0012	
0	Normal Voltage	0.0027	
-10	Normal Voltage	0.0013	
-20	Normal Voltage	0.0008	
-30	Normal Voltage	0.0003	
20	Maximum Voltage	0.0011	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0004	

Note:

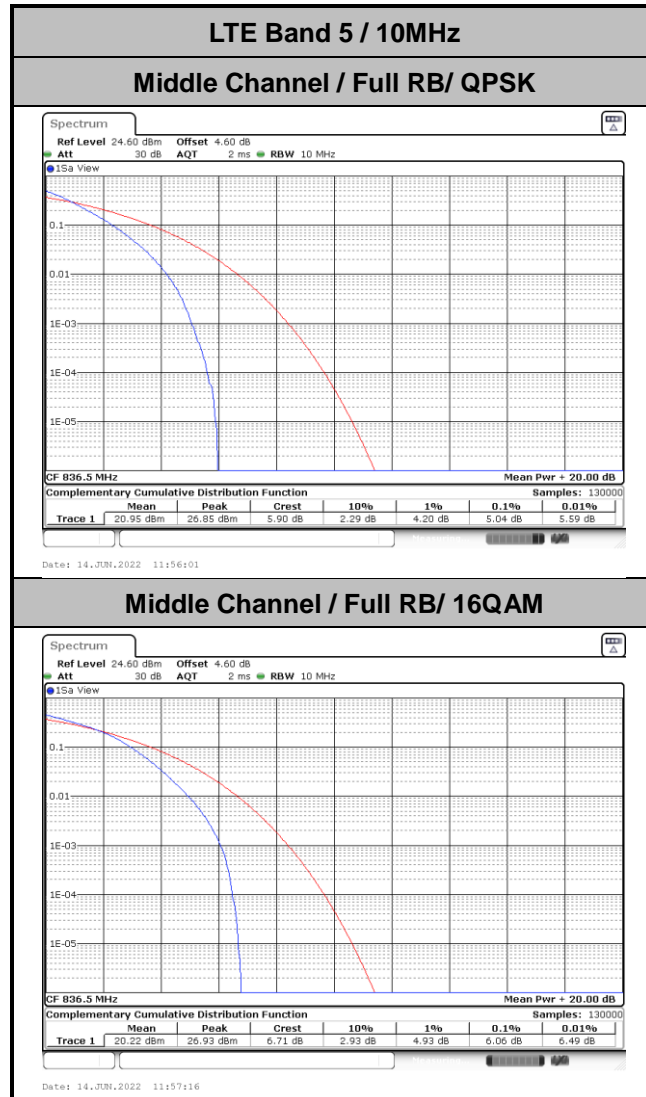
1. Normal Voltage =3.85 V. ; Battery End Point (BEP) =3.6 V. ; Maximum Voltage =4.2 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



LTE Band 5

Peak-to-Average Ratio

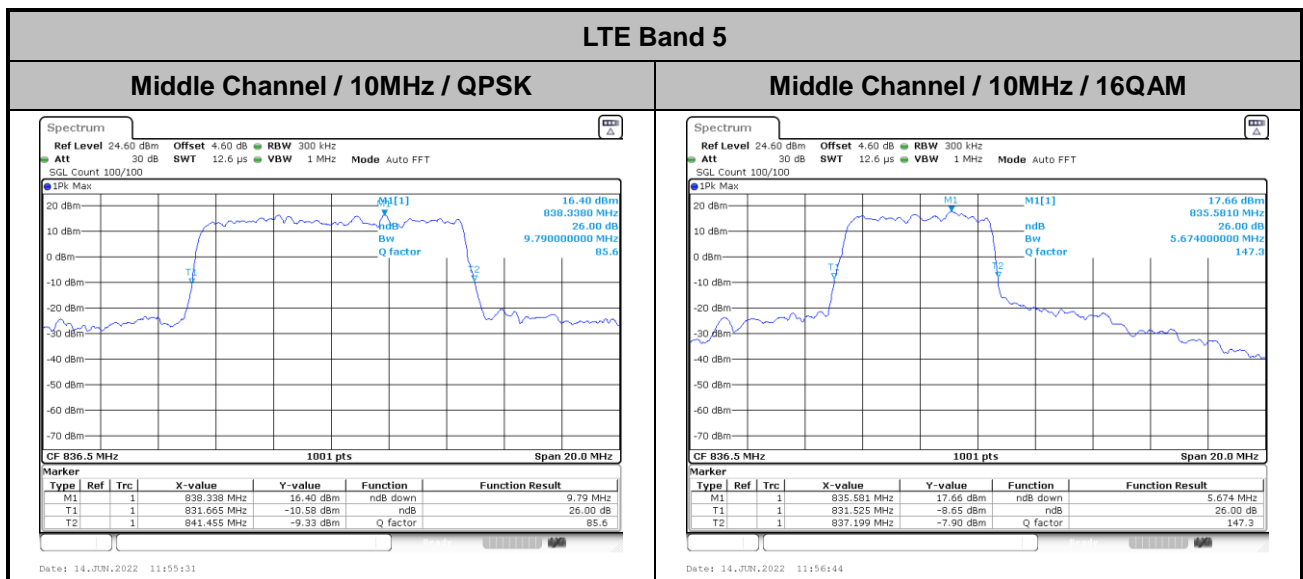
Mode	LTE Band 5 / 10MHz			
Mod.	QPSK	16QAM	-	Limit: 13dB
RB Size	Full RB	Full RB	-	Result
Middle CH	5.04	6.06	-	PASS





26dB Bandwidth

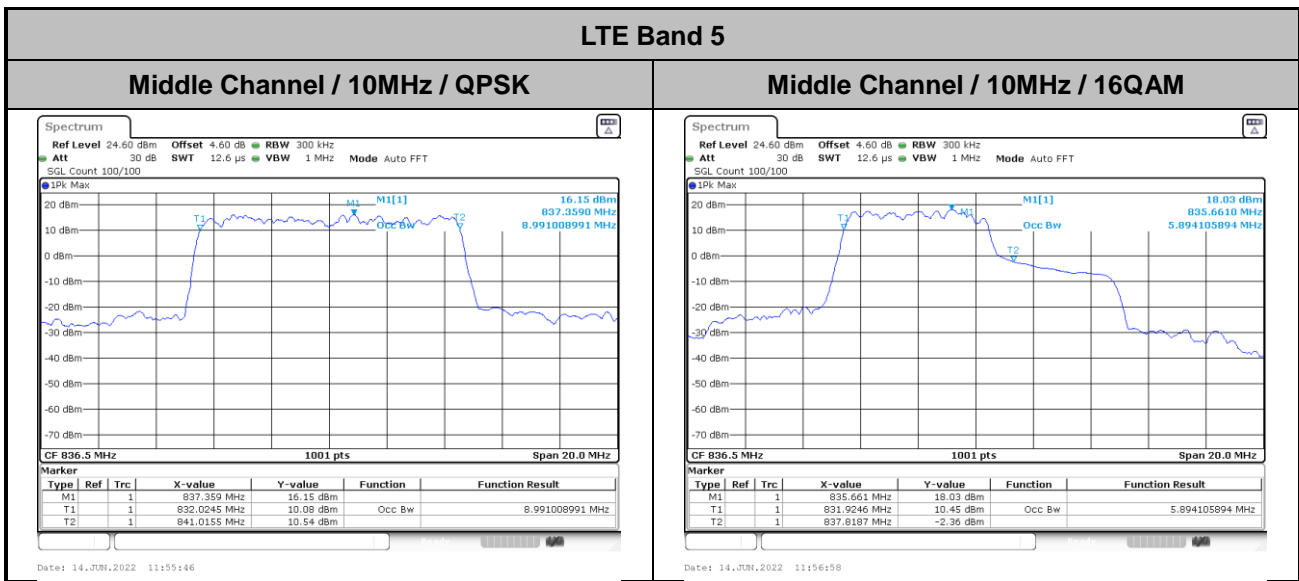
Mode	LTE Band 5 : 26dB BW(MHz)	
BW	10MHz	
Mod.	QPSK	16QAM
Middle CH	9.79	5.67





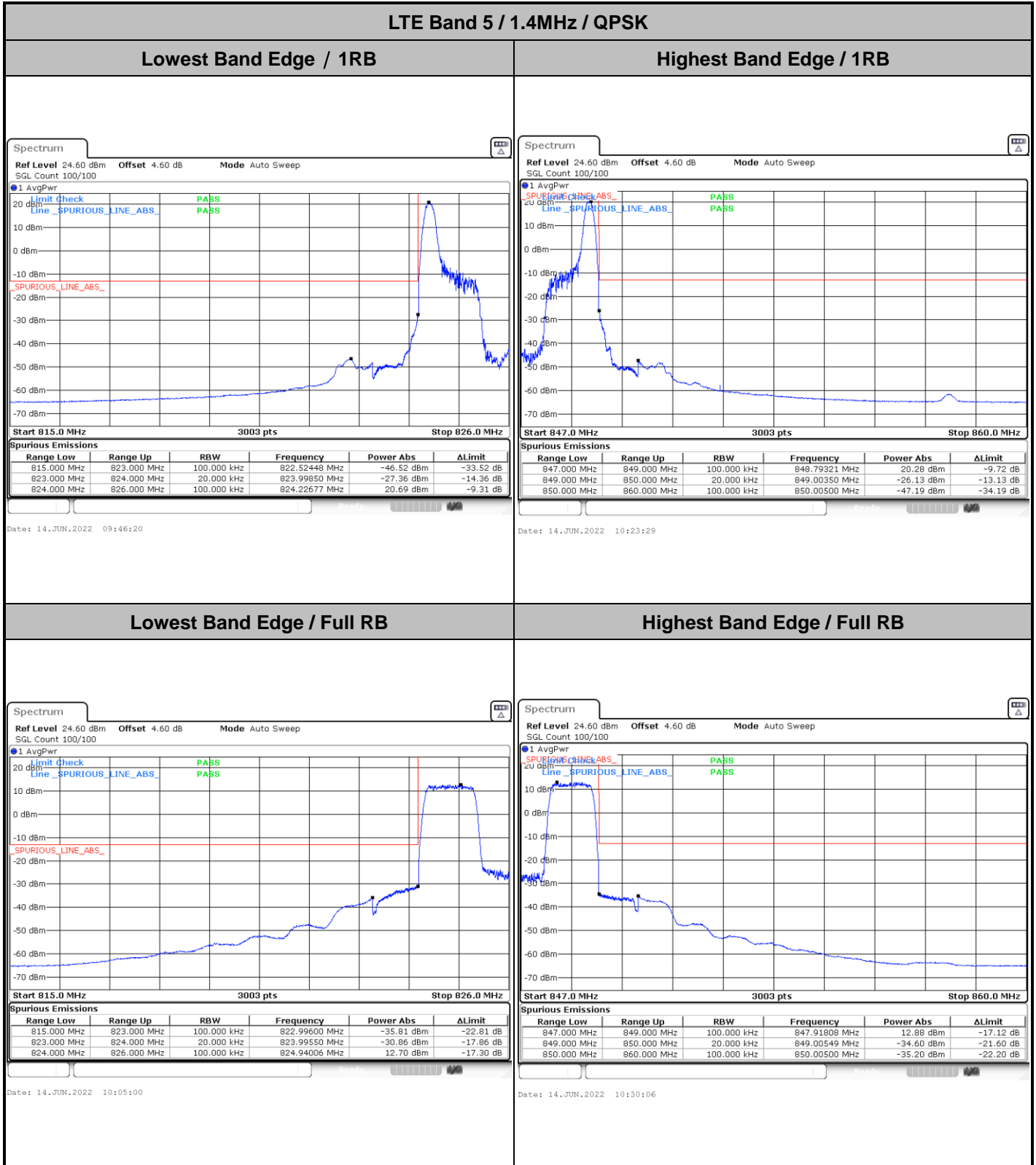
Occupied Bandwidth

Mode	LTE Band 5 : 99%OBW(MHz)	
BW	10MHz	
Mod.	QPSK	16QAM
Middle CH	8.99	5.89





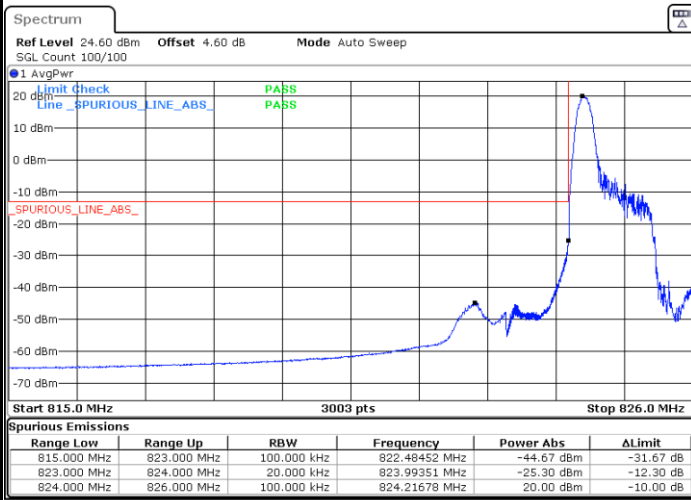
Conducted Band Edge





LTE Band 5 / 1.4MHz / 16QAM

Lowest Band Edge / 1 RB



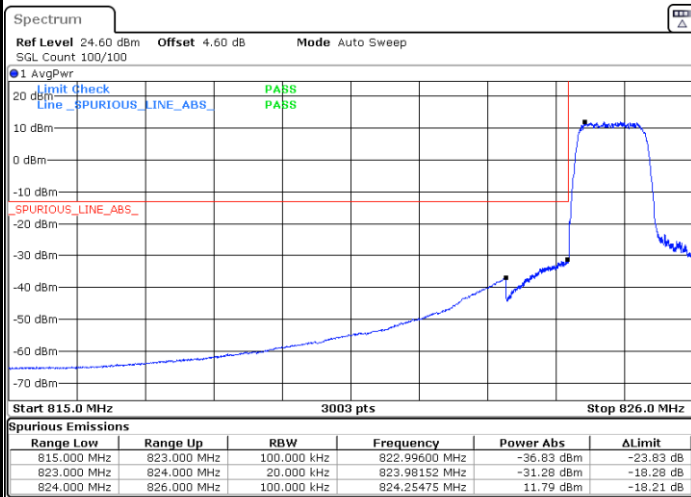
Date: 14.JUN.2022 10:00:40

Highest Band Edge / 1 RB



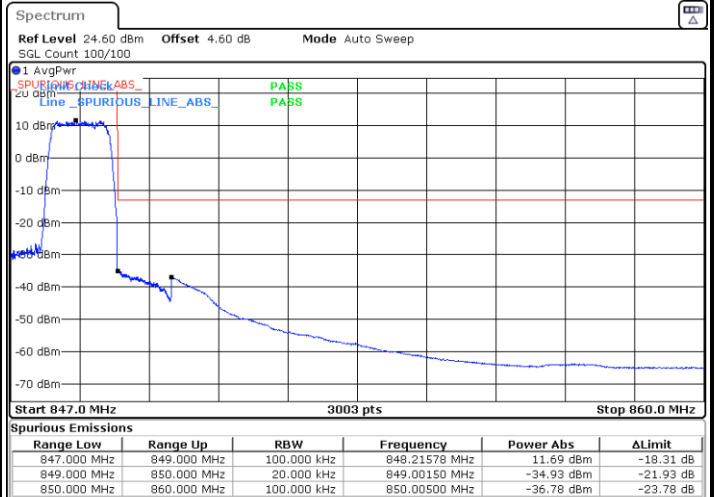
Date: 14.JUN.2022 10:25:55

Lowest Band Edge / Full RB



Date: 14.JUN.2022 10:03:19

Highest Band Edge / Full RB

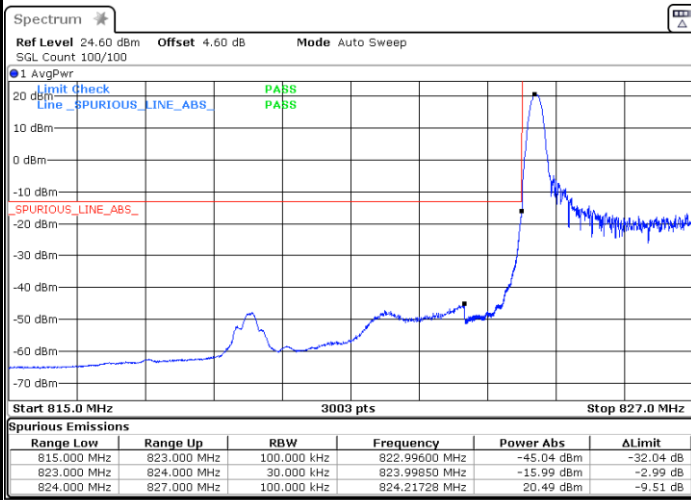


Date: 14.JUN.2022 10:28:05



LTE Band 5 / 3MHz / QPSK

Lowest Band Edge / 1RB



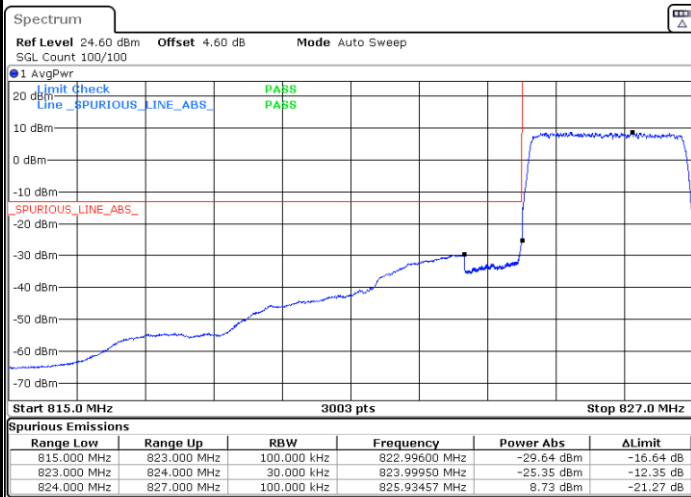
Date: 14.JUN.2022 10:44:22

Highest Band Edge / 1 RB



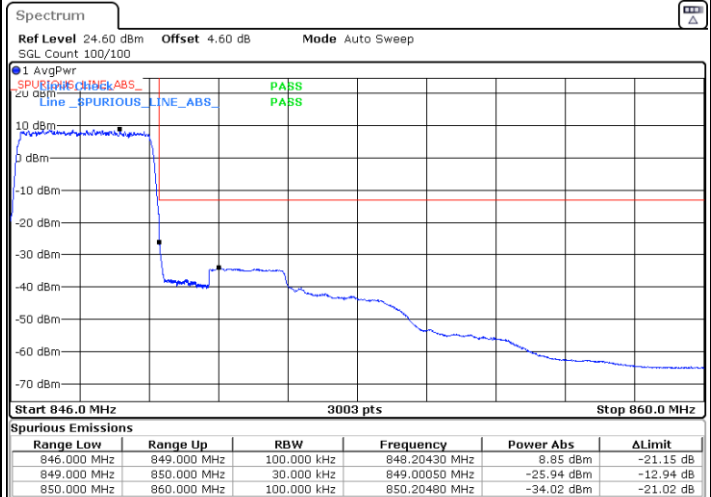
Date: 14.JUN.2022 10:56:01

Lowest Band Edge / Full RB



Date: 14.JUN.2022 10:49:05

Highest Band Edge / Full RB

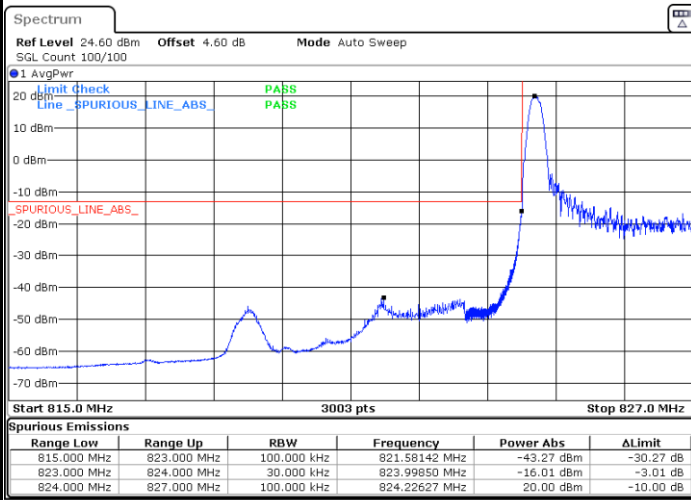


Date: 14.JUN.2022 11:00:01



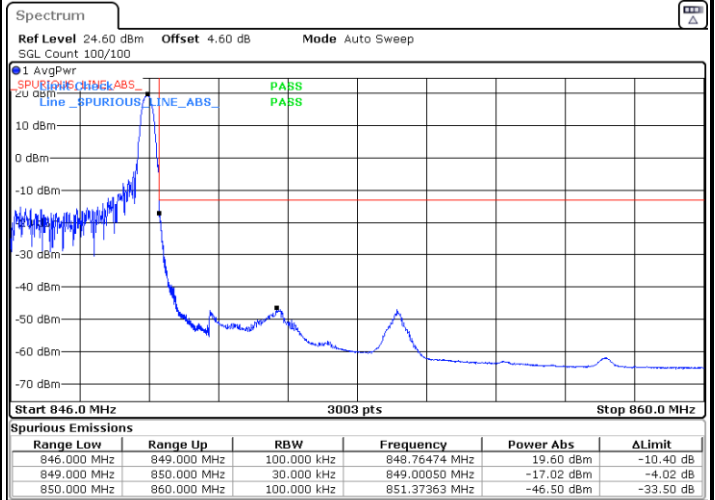
LTE Band 5 / 3MHz / 16QAM

Lowest Band Edge / 1 RB



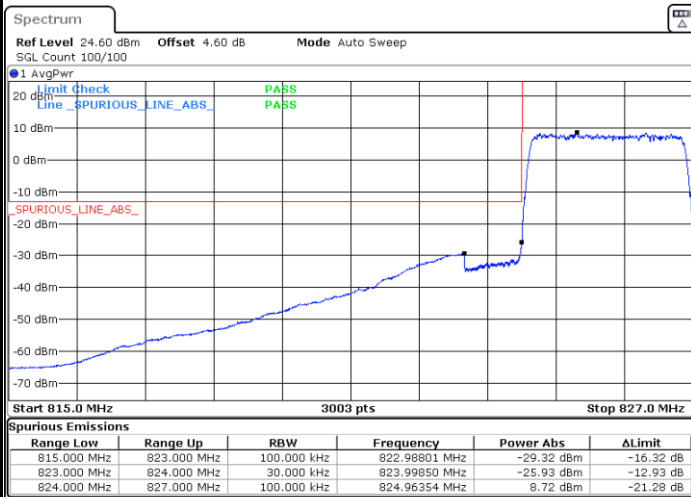
Date: 14.JUN.2022 10:46:04

Highest Band Edge / 1 RB



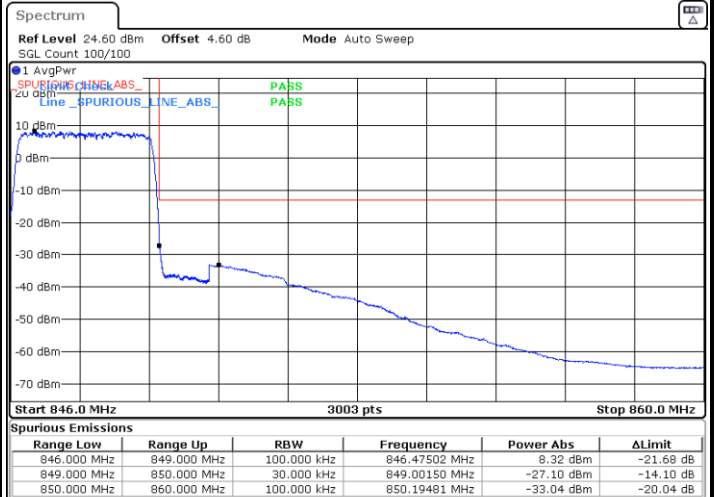
Date: 14.JUN.2022 10:57:21

Lowest Band Edge / Full RB



Date: 14.JUN.2022 10:47:19

Highest Band Edge / Full RB



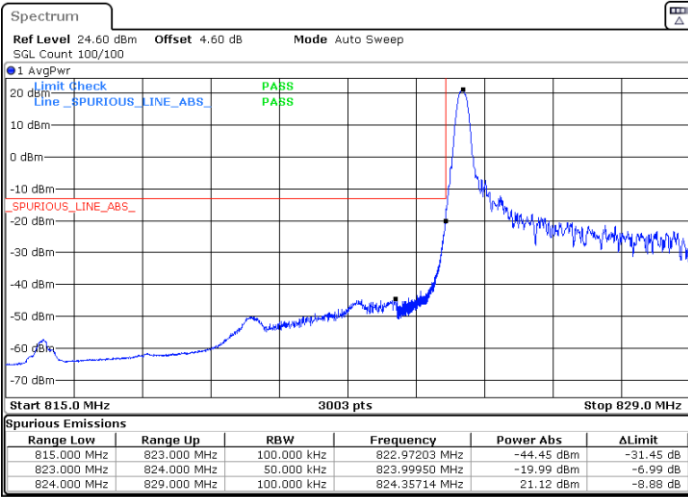
Date: 14.JUN.2022 10:58:44



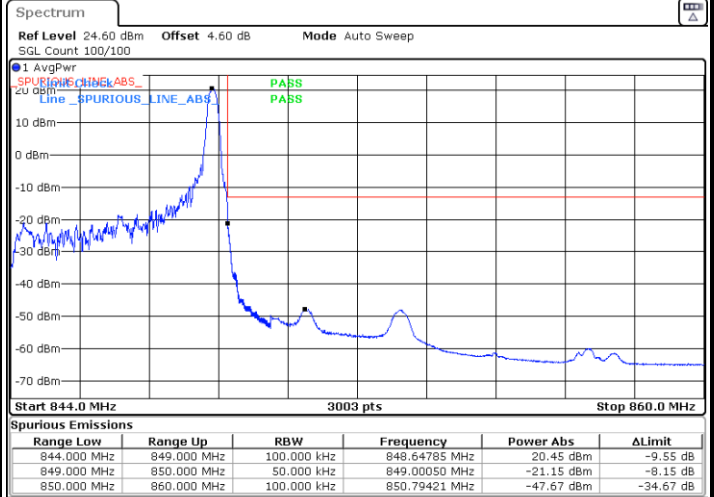
LTE Band 5 / 5MHz / QPSK

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB



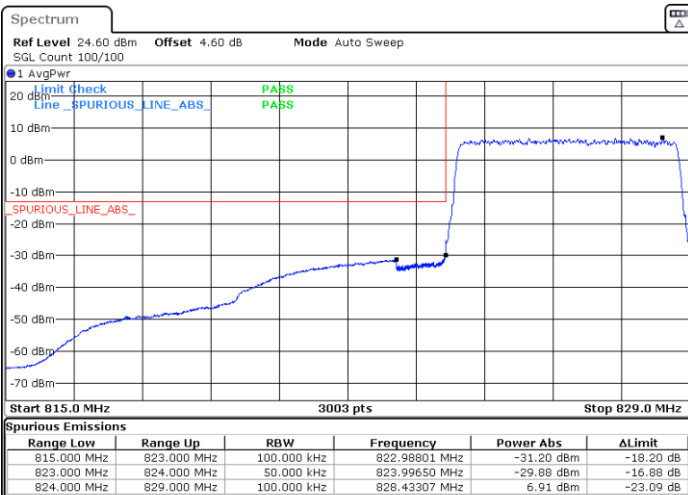
Date: 14.JUN.2022 11:02:43



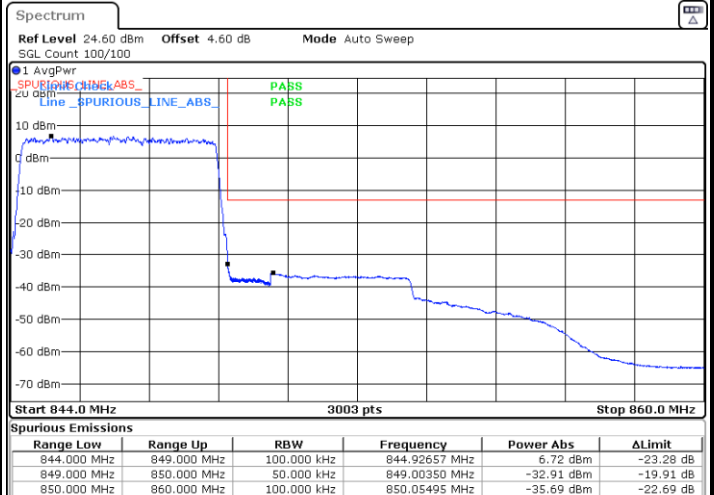
Date: 14.JUN.2022 11:14:33

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 14.JUN.2022 11:06:48

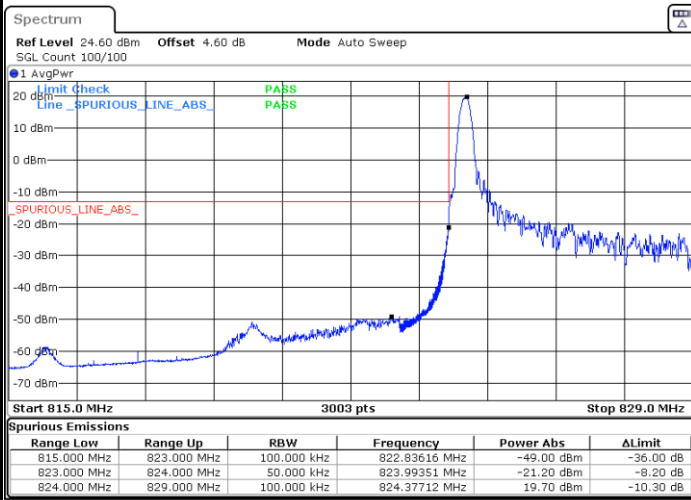


Date: 14.JUN.2022 11:21:34



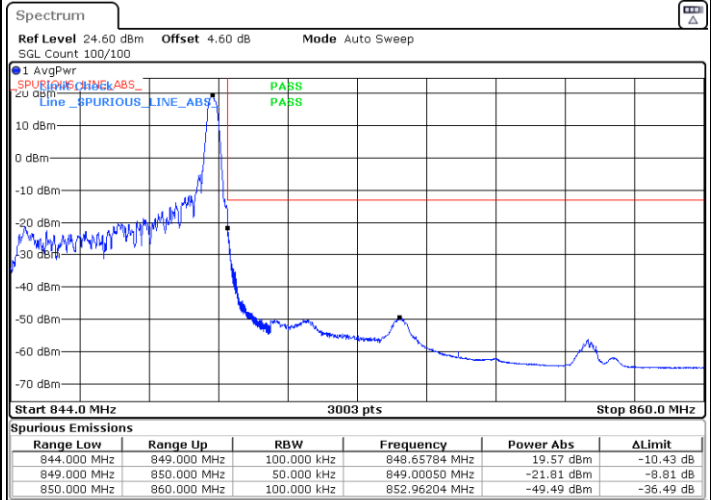
LTE Band 5 / 5MHz / 16QAM

Lowest Band Edge / 1RB



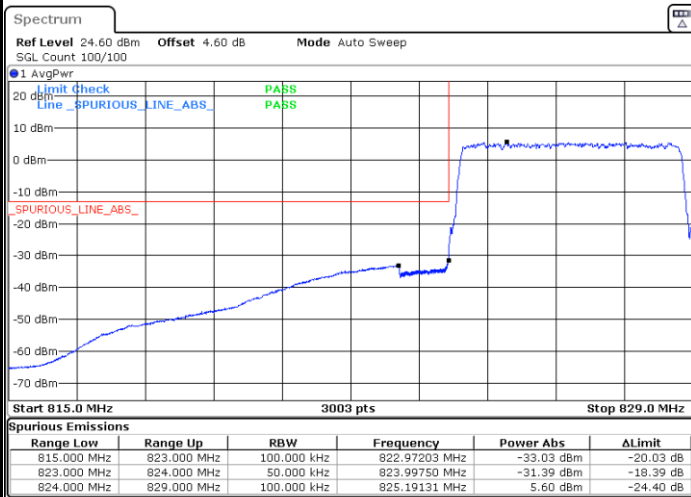
Date: 14.JUN.2022 11:04:23

Highest Band Edge / 1 RB



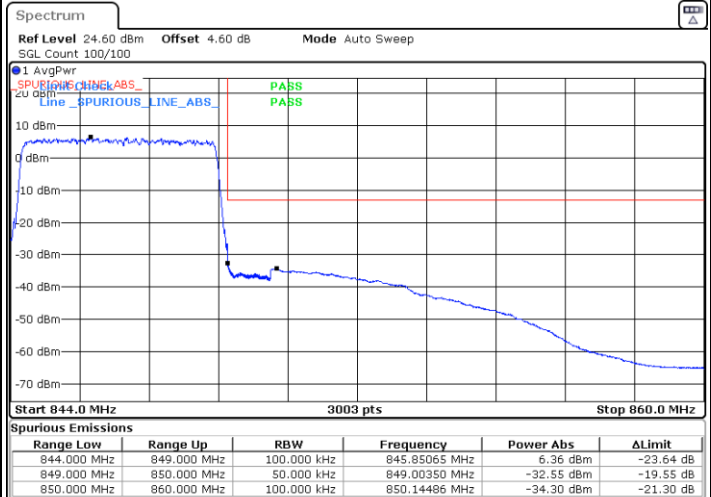
Date: 14.JUN.2022 11:15:44

Lowest Band Edge / Full RB



Date: 14.JUN.2022 11:05:38

Highest Band Edge / Full RB

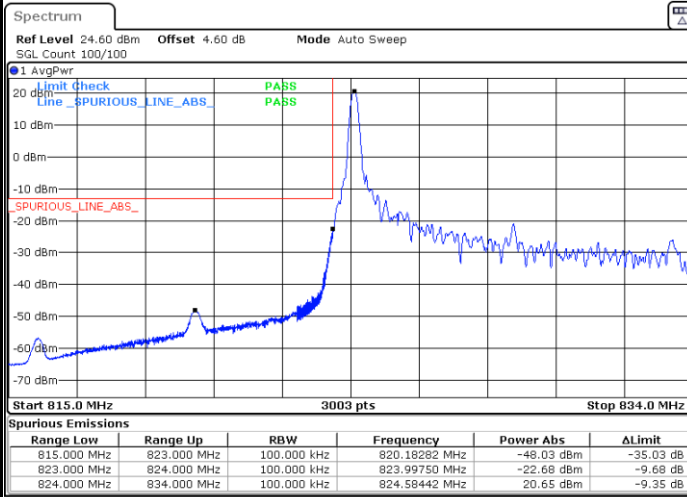


Date: 14.JUN.2022 11:20:25



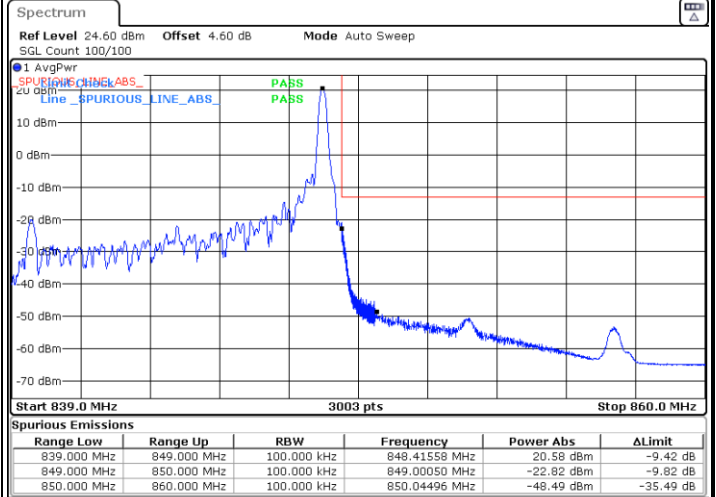
LTE Band 5 / 10MHz / QPSK

Lowest Band Edge / 1 RB



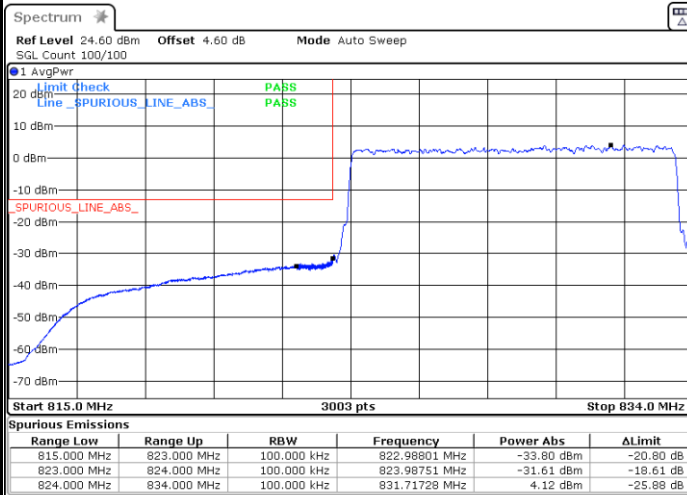
Date: 14.JUN.2022 11:24:19

Highest Band Edge / 1 RB



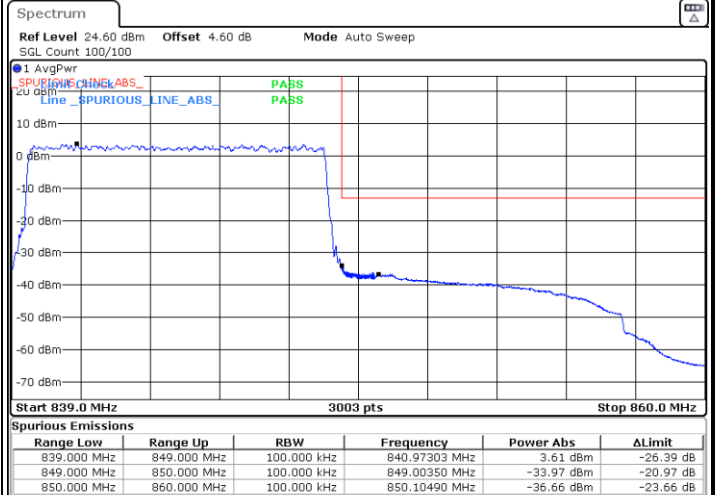
Date: 14.JUN.2022 11:50:18

Lowest Band Edge / Full RB



Date: 14.JUN.2022 11:39:35

Highest Band Edge / Full RB



Date: 14.JUN.2022 11:53:28