

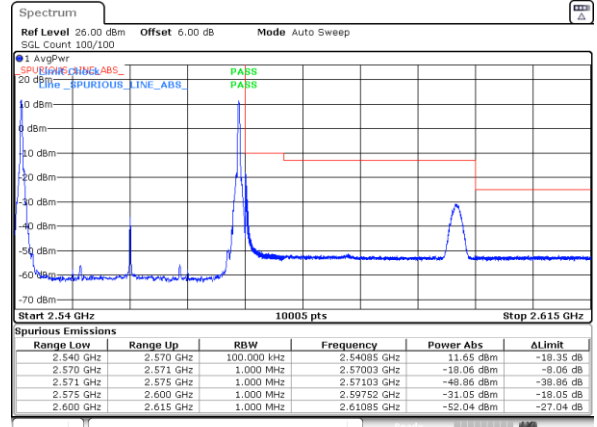
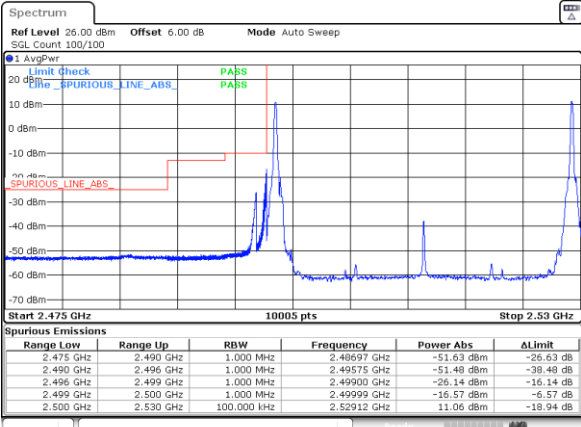


LTE Band 7C / 15MHz+15MHz

256QAM

Lowest Band Edge / 1RB0 and 1RB74

Highest Band Edge / 1RB0 and 1RB74

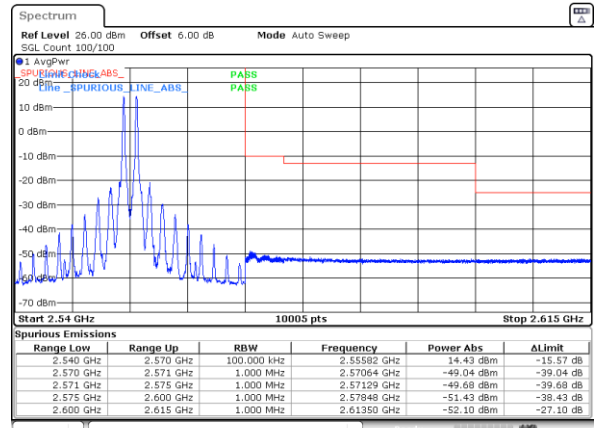
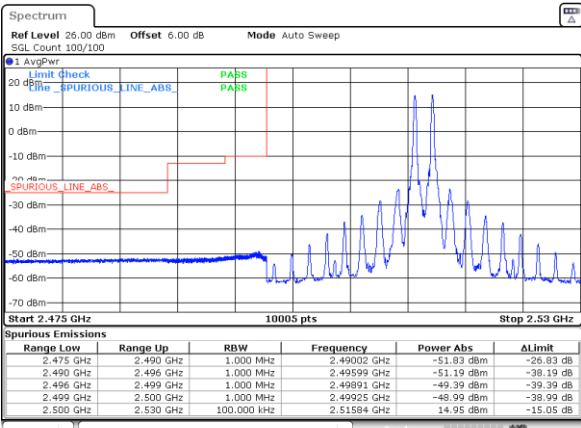


Date: 11.OCT.2023 11:13:29

Date: 11.OCT.2023 11:30:44

Lowest Band Edge / 1RB74 and 1RB0

Highest Band Edge / 1RB74 and 1RB0

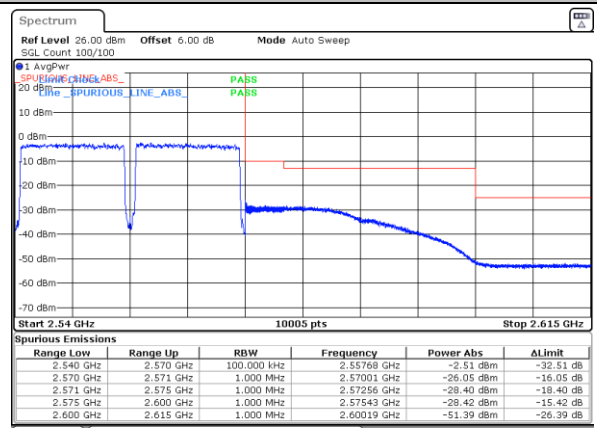
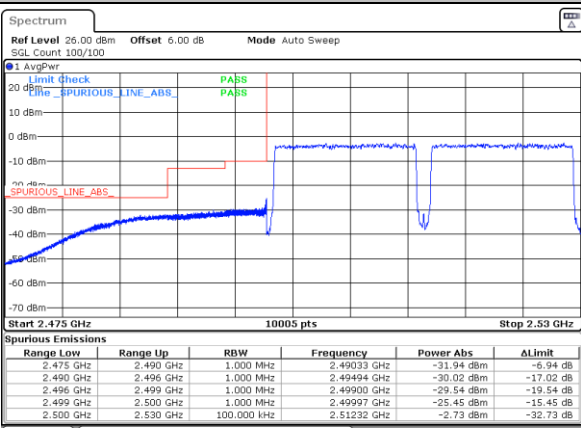


Date: 11.OCT.2023 11:18:09

Date: 11.OCT.2023 11:35:23

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 11.OCT.2023 11:22:50

Date: 11.OCT.2023 11:40:02

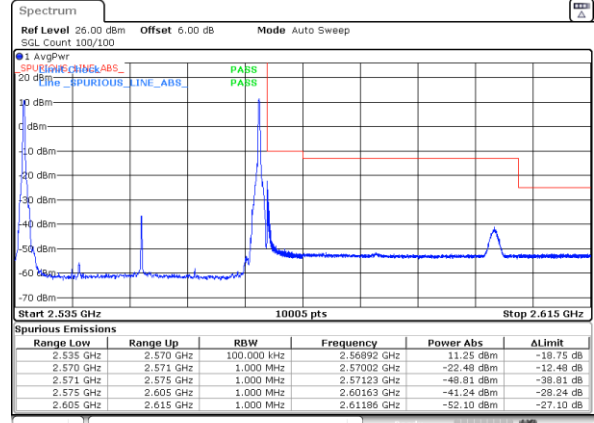
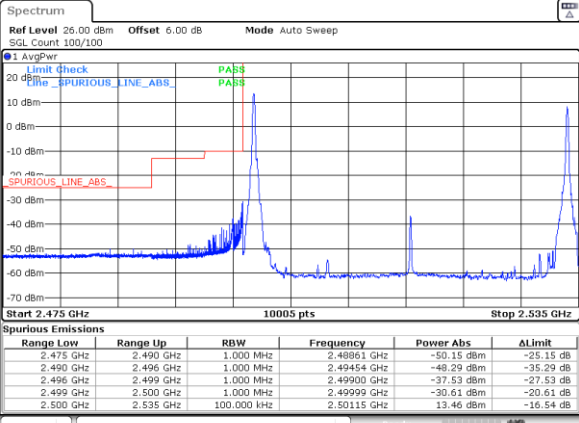


LTE Band 7C / 15MHz+20MHz

256QAM

Lowest Band Edge / 1RB0 and 1RB9

Highest Band Edge / 1RB0 and 1RB9

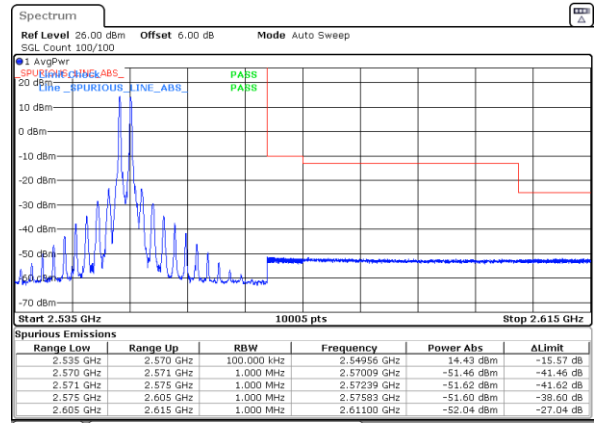
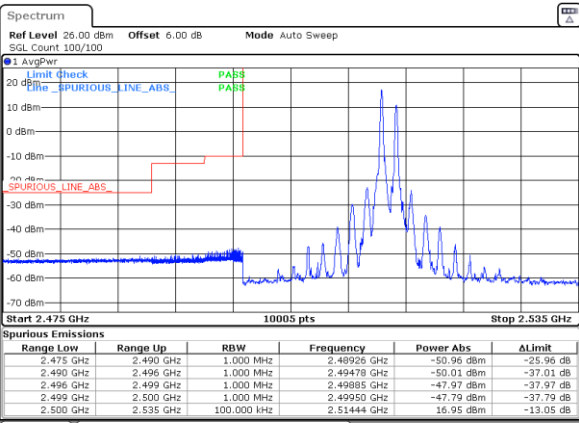


Date: 11.OCT.2023 11:46:21

Date: 11.OCT.2023 12:03:38

Lowest Band Edge / 1RB74 and 1RB0

Highest Band Edge / 1RB74 and 1RB0

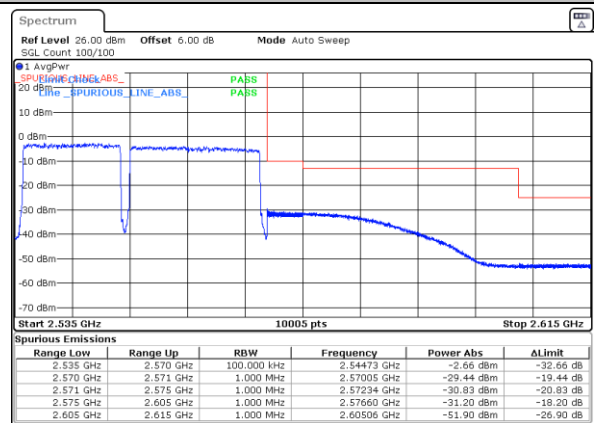
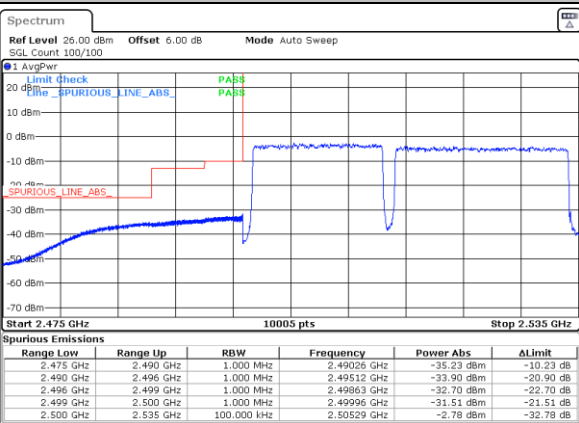


Date: 11.OCT.2023 11:51:02

Date: 11.OCT.2023 12:08:17

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 11.OCT.2023 11:55:44

Date: 11.OCT.2023 12:12:55

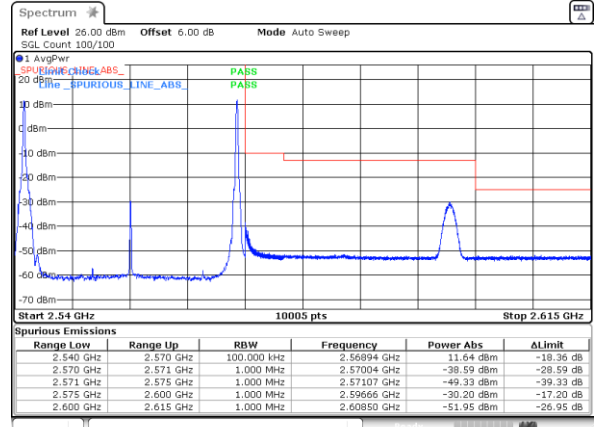
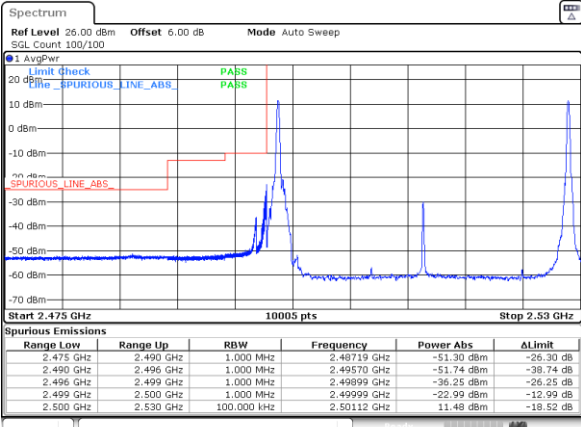


LTE Band 7C / 20MHz+10MHz

256QAM

Lowest Band Edge / 1RB0 and 1RB49

Highest Band Edge / 1RB0 and 1RB49

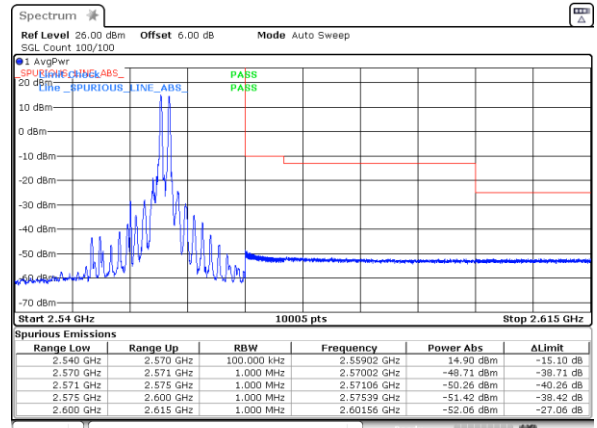
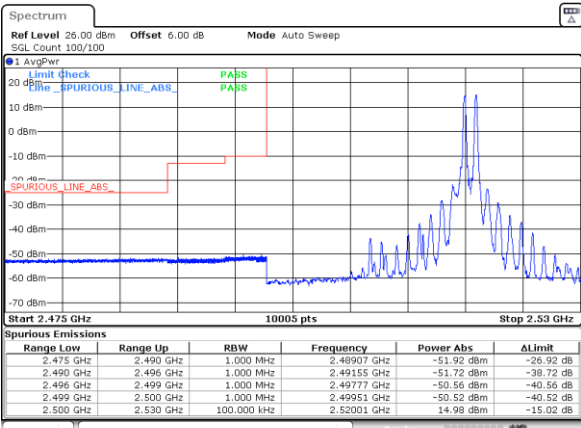


Date: 11.OCT.2023 15:53:09

Date: 11.OCT.2023 15:54:51

Lowest Band Edge / 1RB99 and 1RB0

Highest Band Edge / 1RB99 and 1RB0

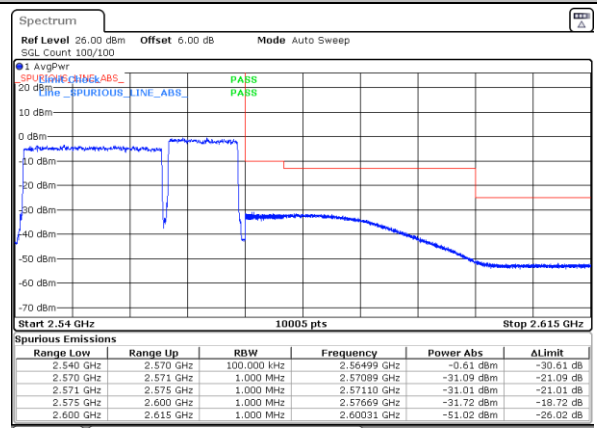
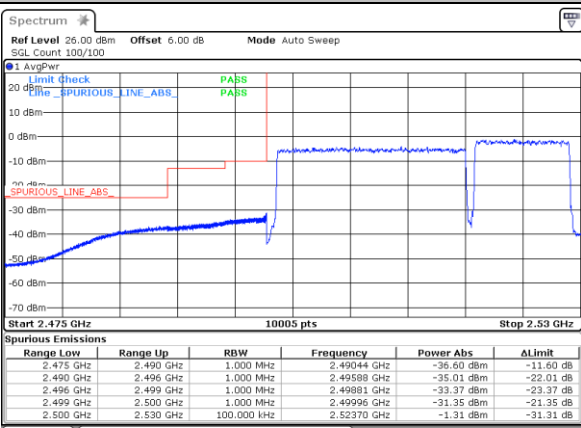


Date: 11.OCT.2023 13:50:31

Date: 11.OCT.2023 15:55:54

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 12.OCT.2023 16:38:19

Date: 11.OCT.2023 15:57:26

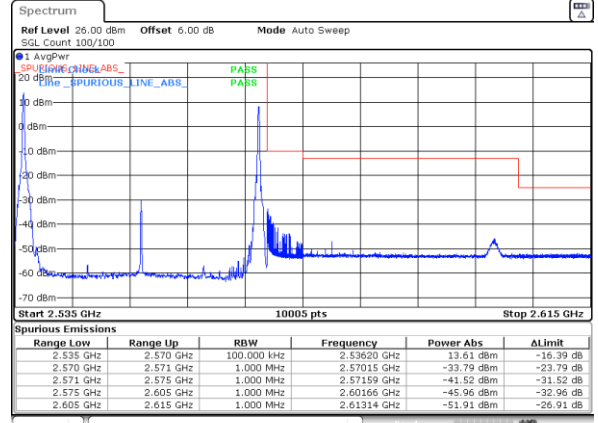
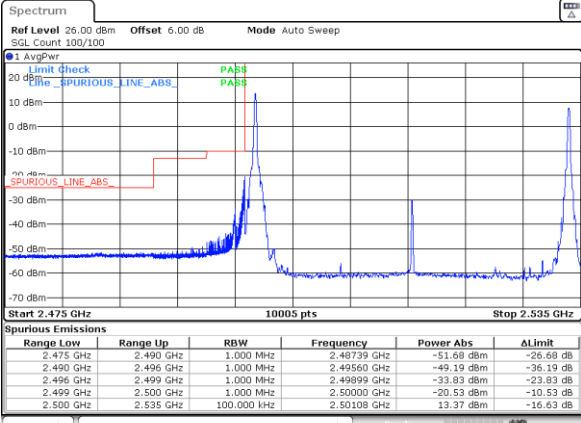


LTE Band 7C / 20MHz+15MHz

256QAM

Lowest Band Edge / 1RB0 and 1RB74

Highest Band Edge / 1RB0 and 1RB74

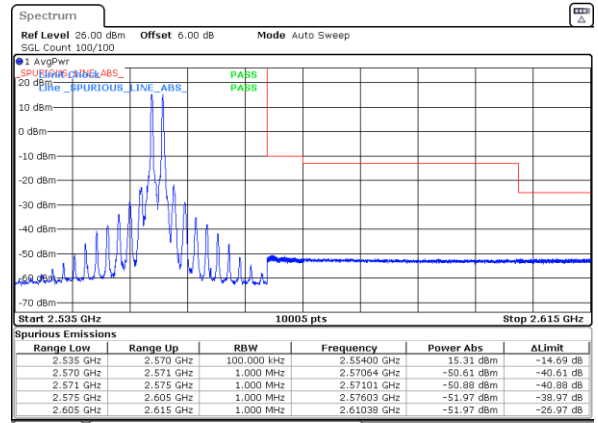
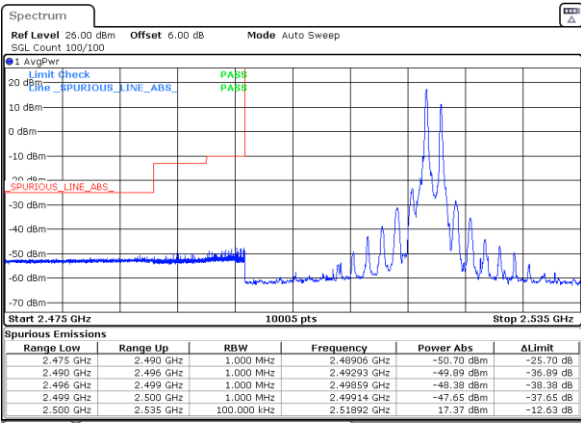


Date: 11.OCT.2023 14:23:29

Date: 11.OCT.2023 14:39:09

Lowest Band Edge / 1RB99 and 1RB0

Highest Band Edge / 1RB99 and 1RB0

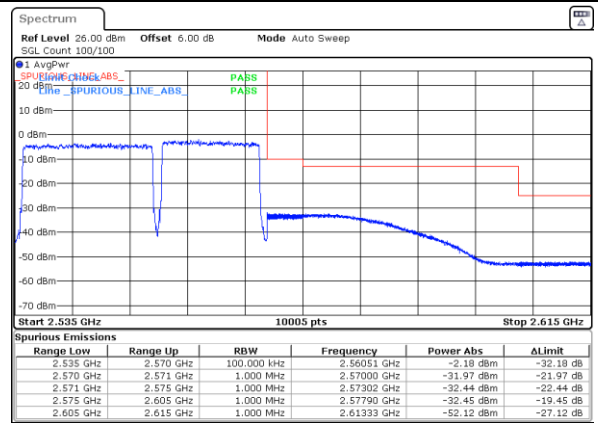
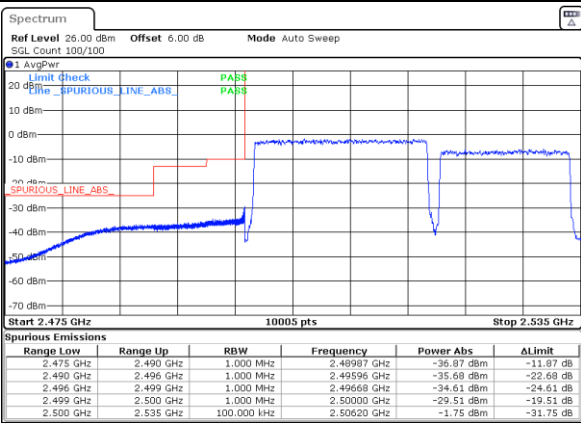


Date: 11.OCT.2023 14:27:57

Date: 11.OCT.2023 14:43:14

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 11.OCT.2023 14:31:46

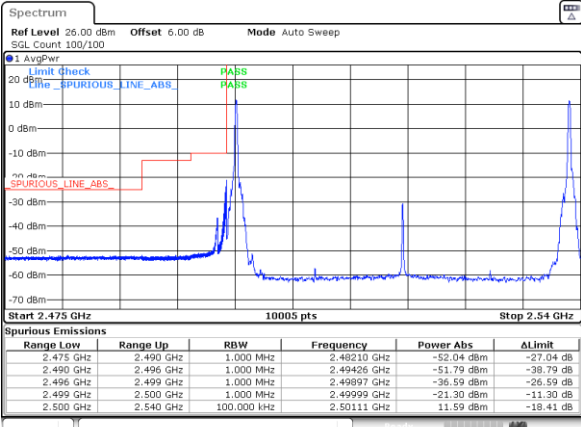
Date: 11.OCT.2023 14:47:20



LTE Band 7C / 20MHz+20MHz

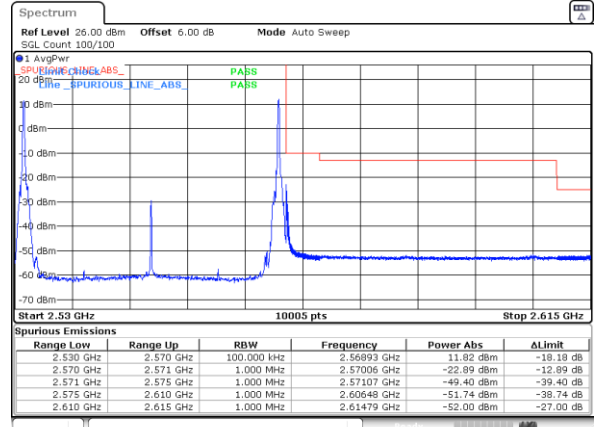
256QAM

Lowest Band Edge / 1RB0 and 1RB9



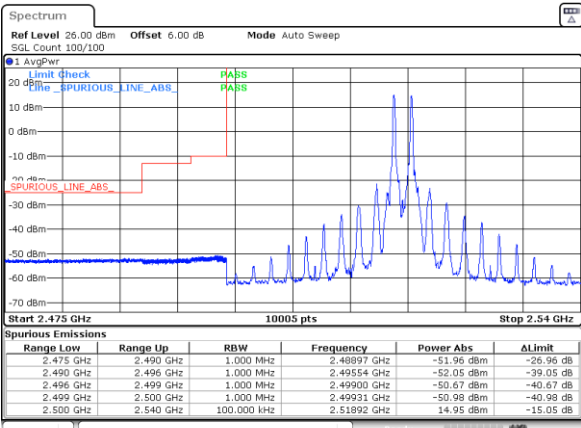
Date: 11.OCT.2023 14:53:08

Highest Band Edge / 1RB0 and 1RB9



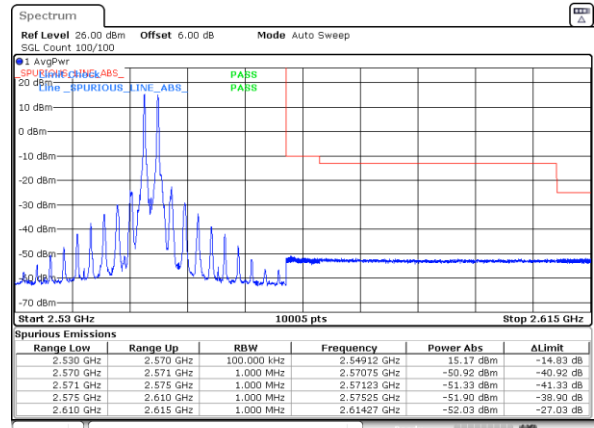
Date: 11.OCT.2023 15:13:57

Lowest Band Edge / 1RB99 and 1RB0



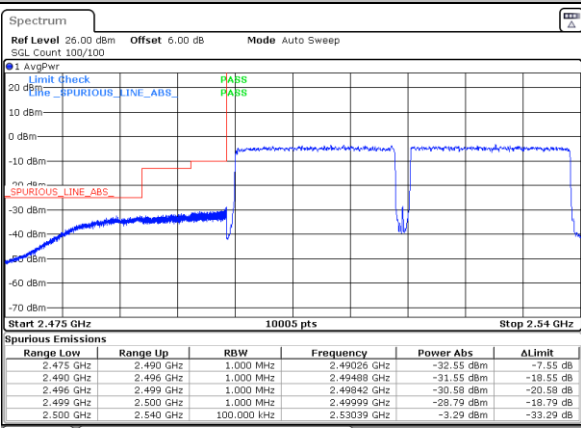
Date: 11.OCT.2023 14:57:16

Highest Band Edge / 1RB99 and 1RB0



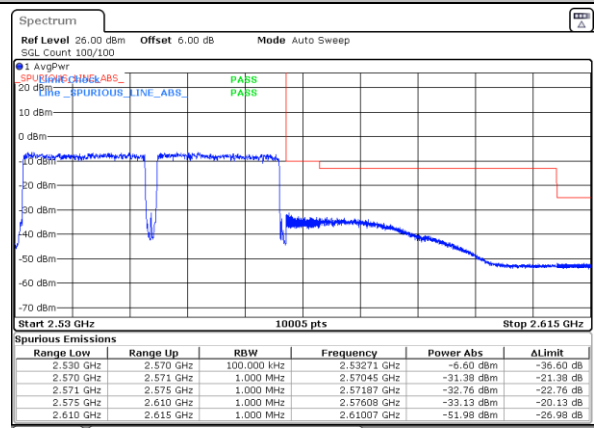
Date: 11.OCT.2023 15:29:04

Lowest Band Edge / Full RB



Date: 11.OCT.2023 15:01:25

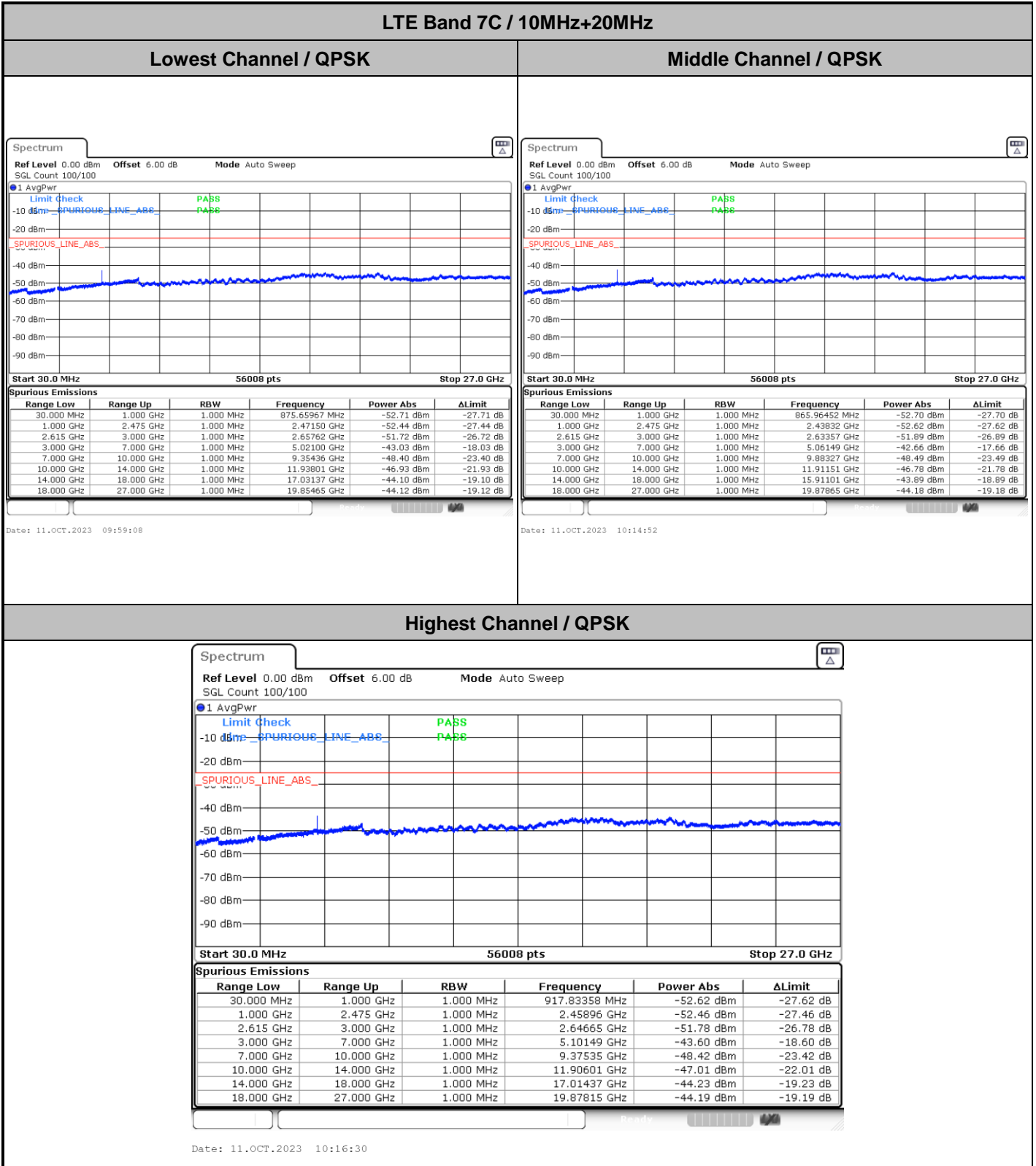
Highest Band Edge / Full RB



Date: 11.OCT.2023 15:33:10



# Conducted Spurious Emission

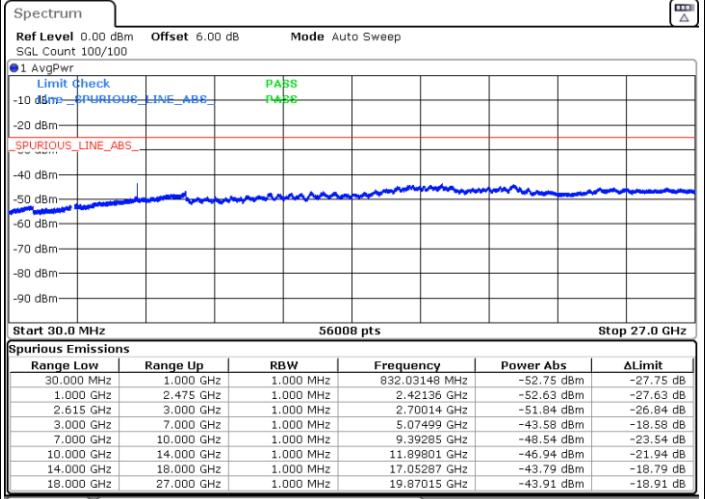
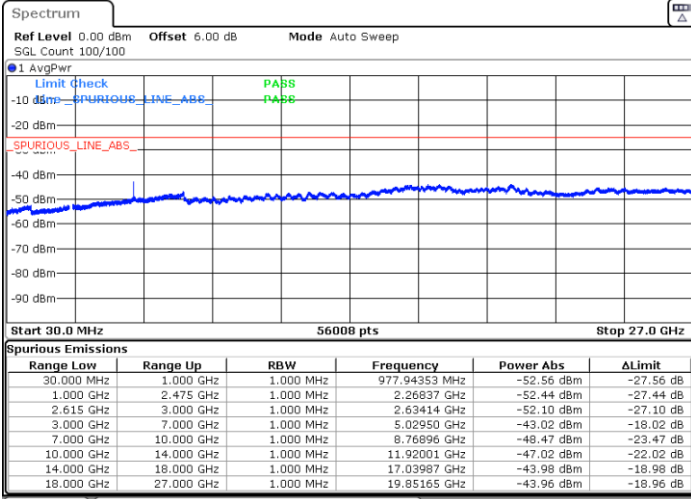




LTE Band 7C / 15MHz+10MHz

Lowest Channel / QPSK

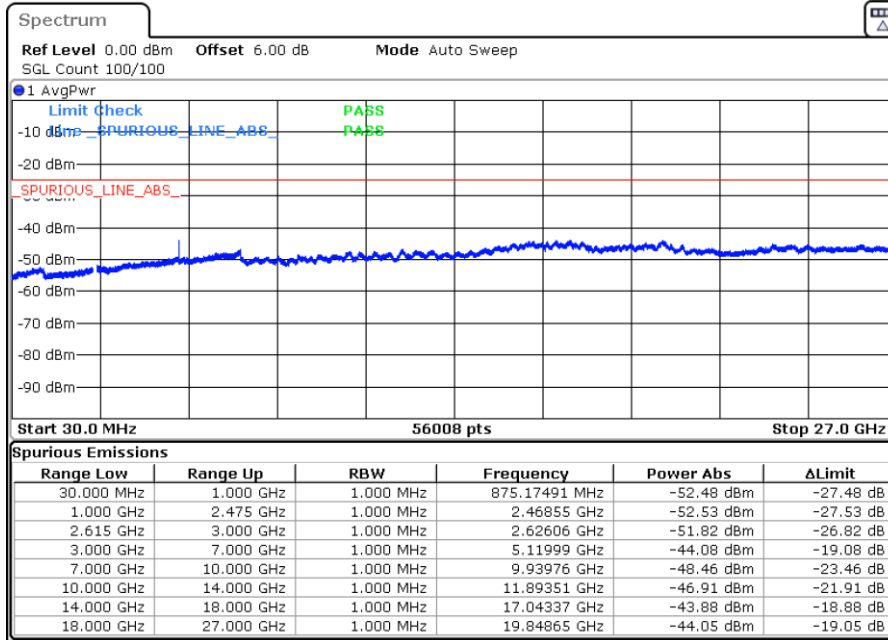
Middle Channel / QPSK



Date: 11.OCT.2023 10:35:59

Date: 11.OCT.2023 10:51:34

Highest Channel / QPSK



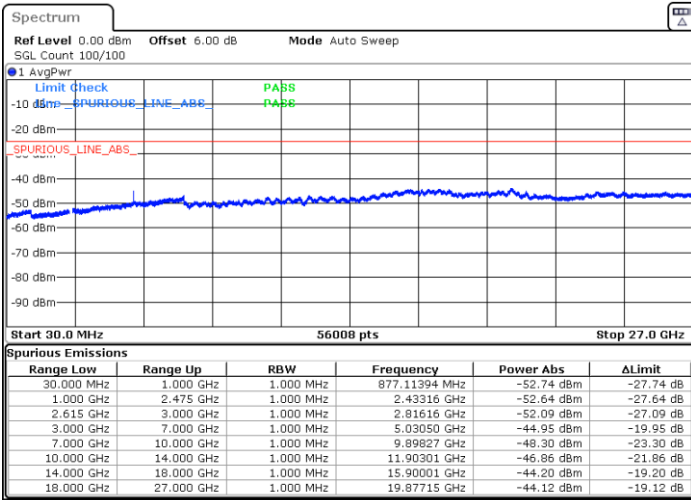
Date: 11.OCT.2023 10:53:12



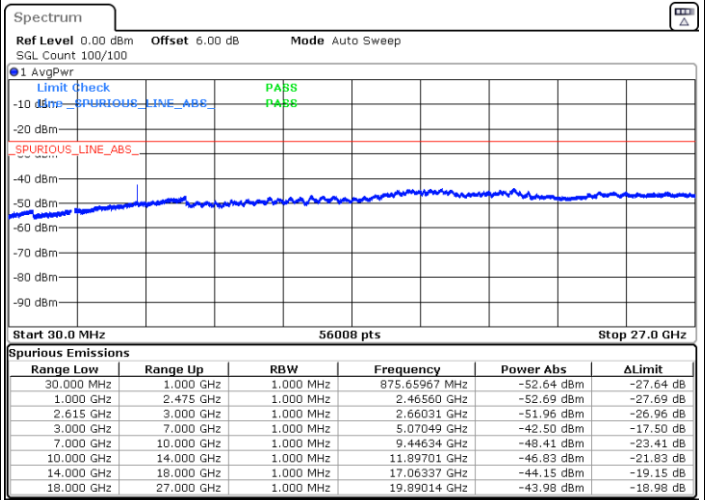
LTE Band 7C / 15MHz+15MHz

Lowest Channel / QPSK

Middle Channel / QPSK

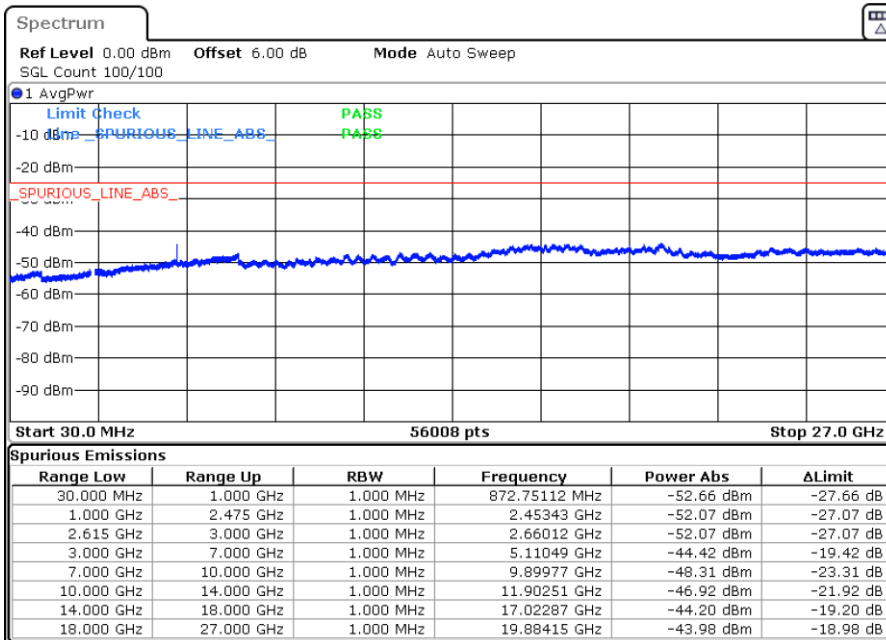


Date: 11.OCT.2023 11:08:49



Date: 11.OCT.2023 11:24:28

Highest Channel / QPSK



Date: 11.OCT.2023 11:26:06

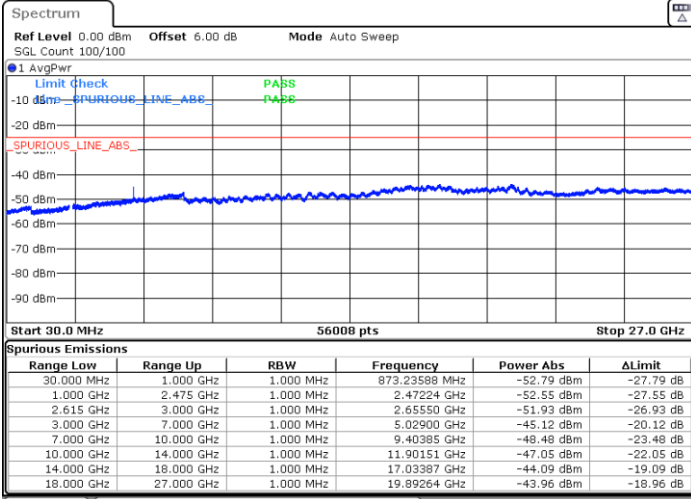




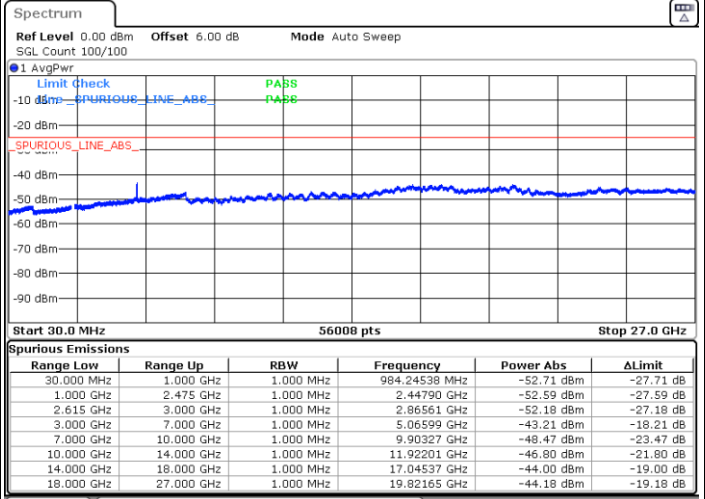
LTE Band 7C / 15MHz+20MHz

Lowest Channel / QPSK

Middle Channel / QPSK

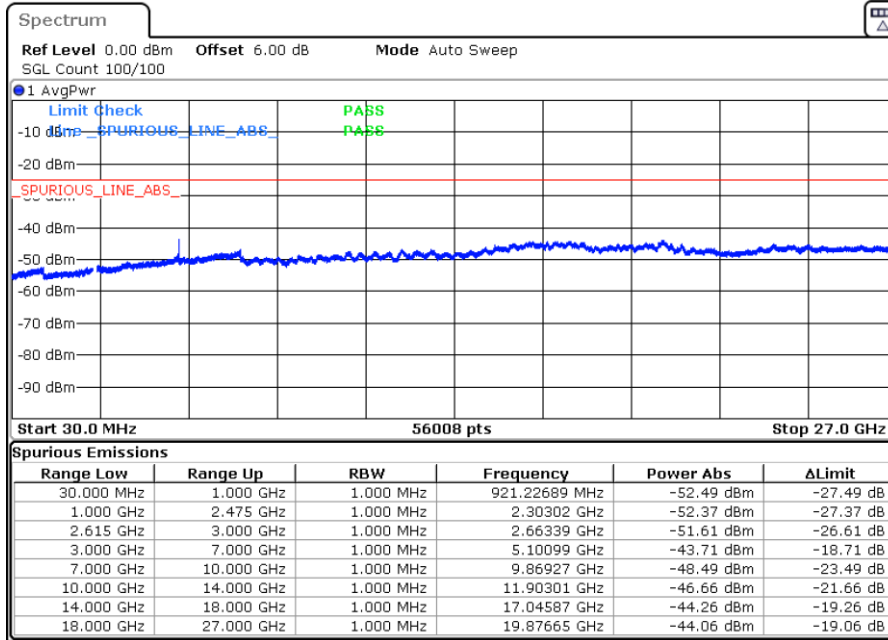


Date: 11.OCT.2023 11:41:40



Date: 11.OCT.2023 11:57:22

Highest Channel / QPSK



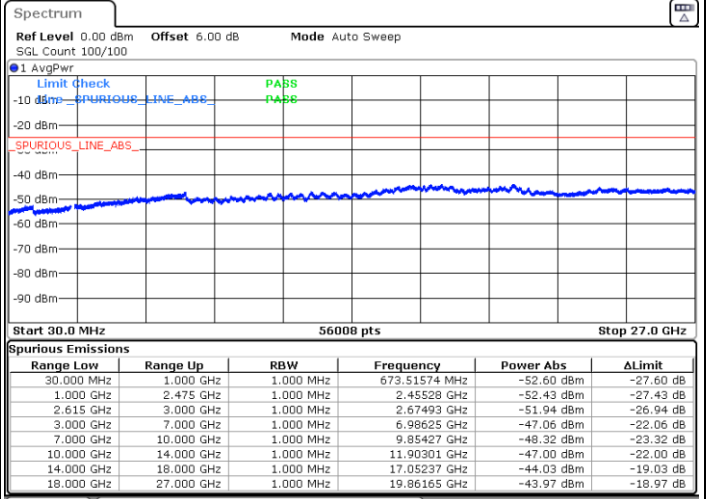
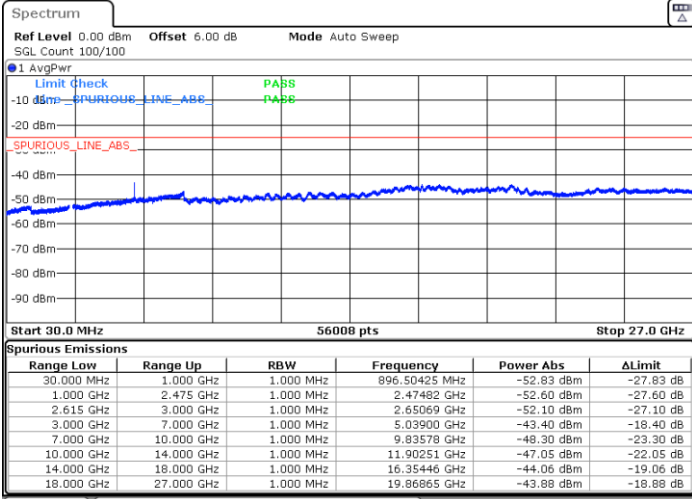
Date: 11.OCT.2023 11:59:00



LTE Band 7C / 20MHz+10MHz

Lowest Channel / QPSK

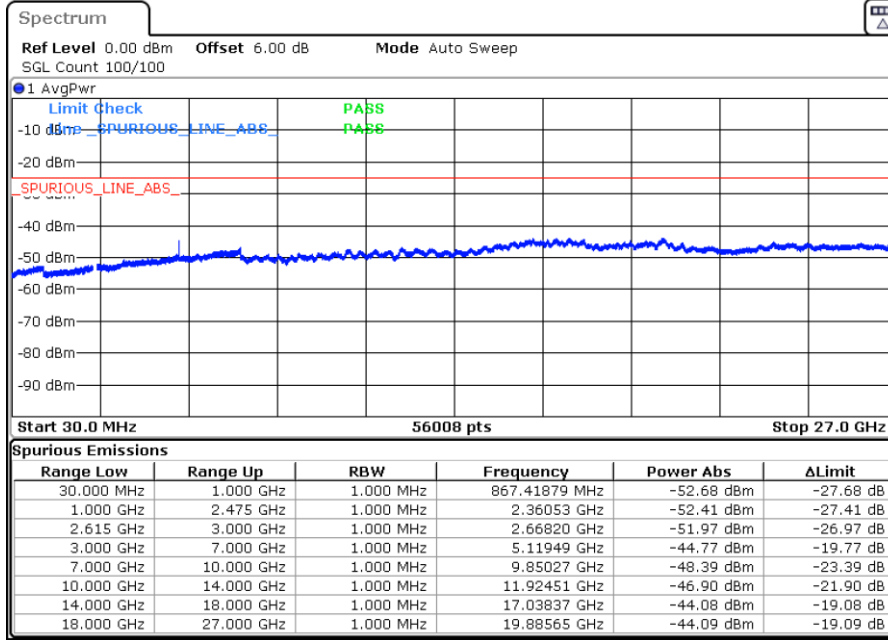
Middle Channel / QPSK



Date: 11.OCT.2023 13:30:22

Date: 11.OCT.2023 14:03:03

Highest Channel / QPSK



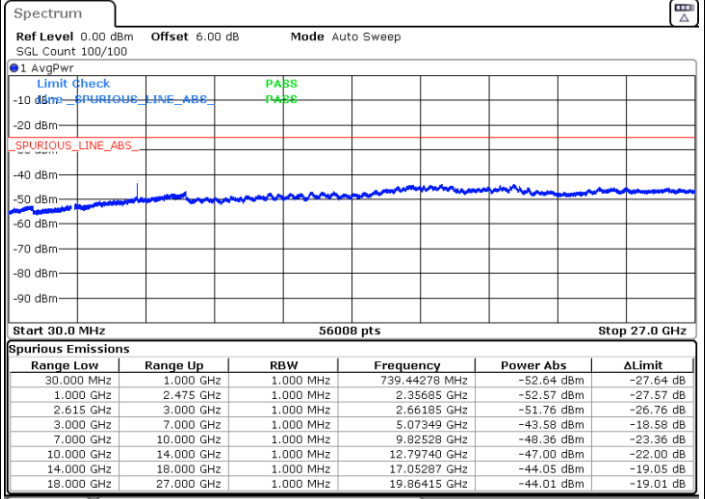
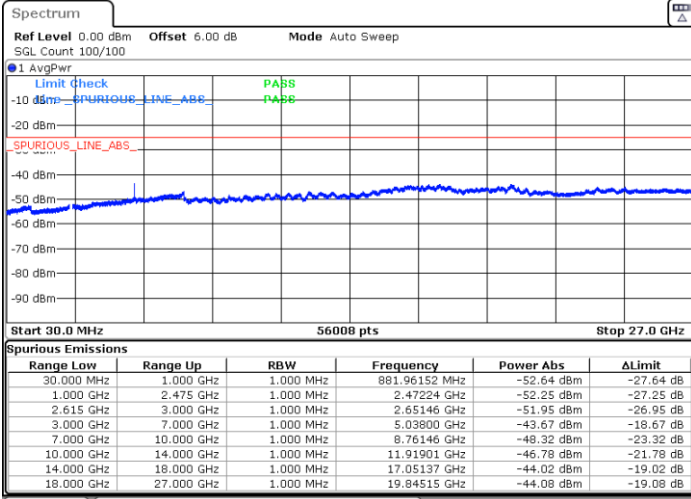
Date: 11.OCT.2023 14:04:39



LTE Band 7C / 20MHz+15MHz

Lowest Channel / QPSK

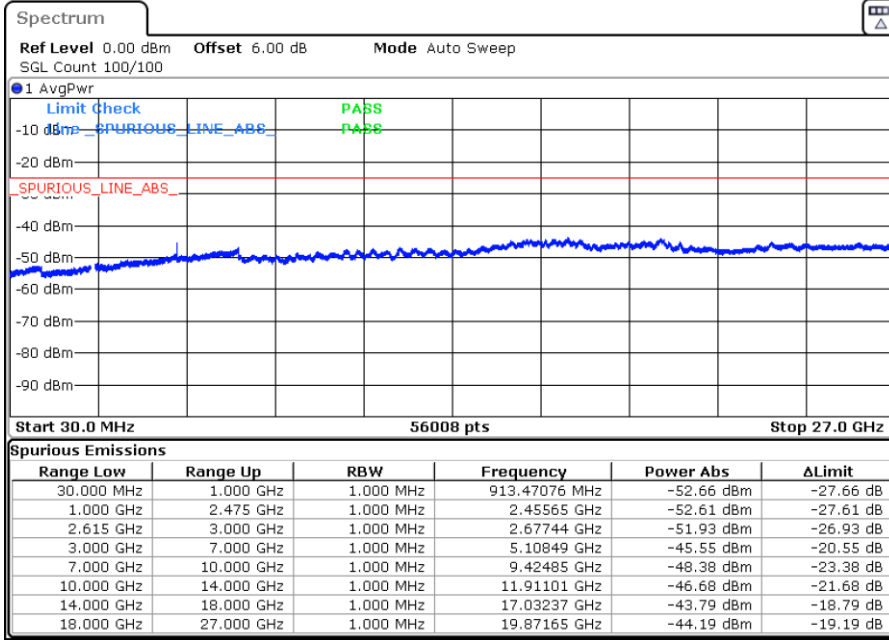
Middle Channel / QPSK



Date: 11.OCT.2023 14:19:22

Date: 11.OCT.2023 14:33:25

Highest Channel / QPSK



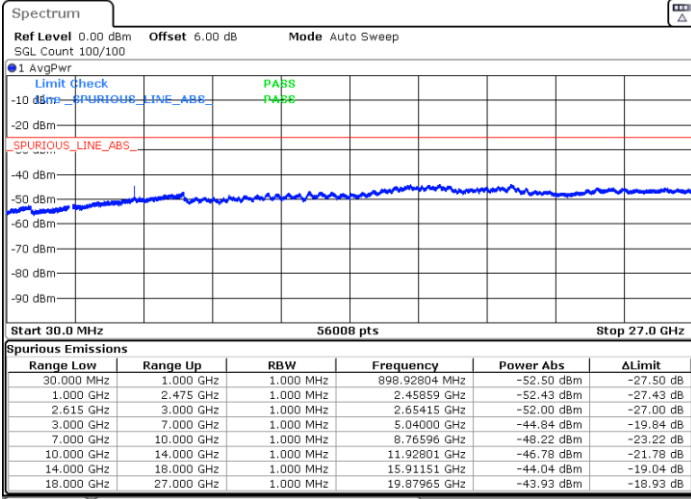
Date: 11.OCT.2023 14:35:04



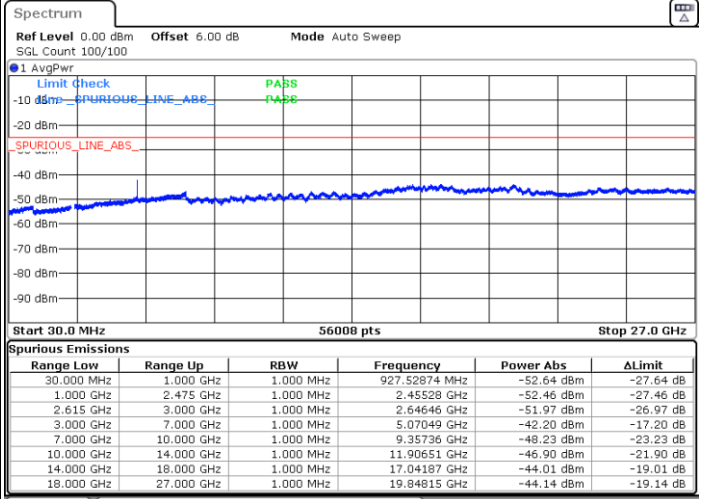
LTE Band 7C /20MHz+20MHz

Lowest Channel / QPSK

Middle Channel / QPSK

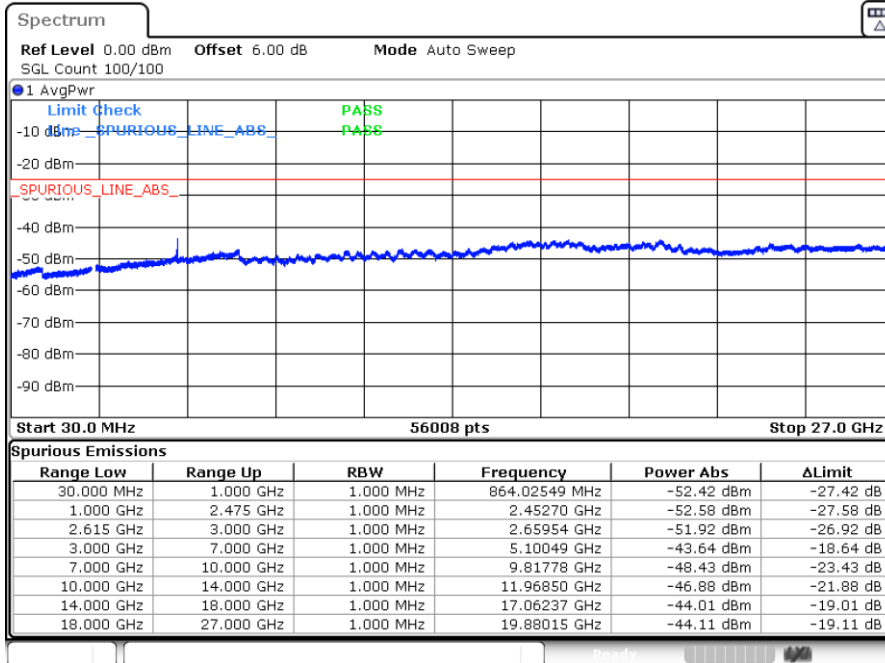


Date: 11.OCT.2023 14:48:59



Date: 11.OCT.2023 15:03:05

Highest Channel / QPSK



Date: 11.OCT.2023 15:04:44



Frequency Stability

Test Conditions		LTE Band 7C (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 20+20MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0038	PASS
40	Normal Voltage	0.0025	
30	Normal Voltage	0.0014	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0009	
0	Normal Voltage	0.0017	
-10	Normal Voltage	0.0027	
-20	Normal Voltage	0.0042	
-30	Normal Voltage	0.0032	
20	Maximum Voltage	0.0023	
20	Normal Voltage	0.0028	
20	Battery End Point	0.0006	

Note:

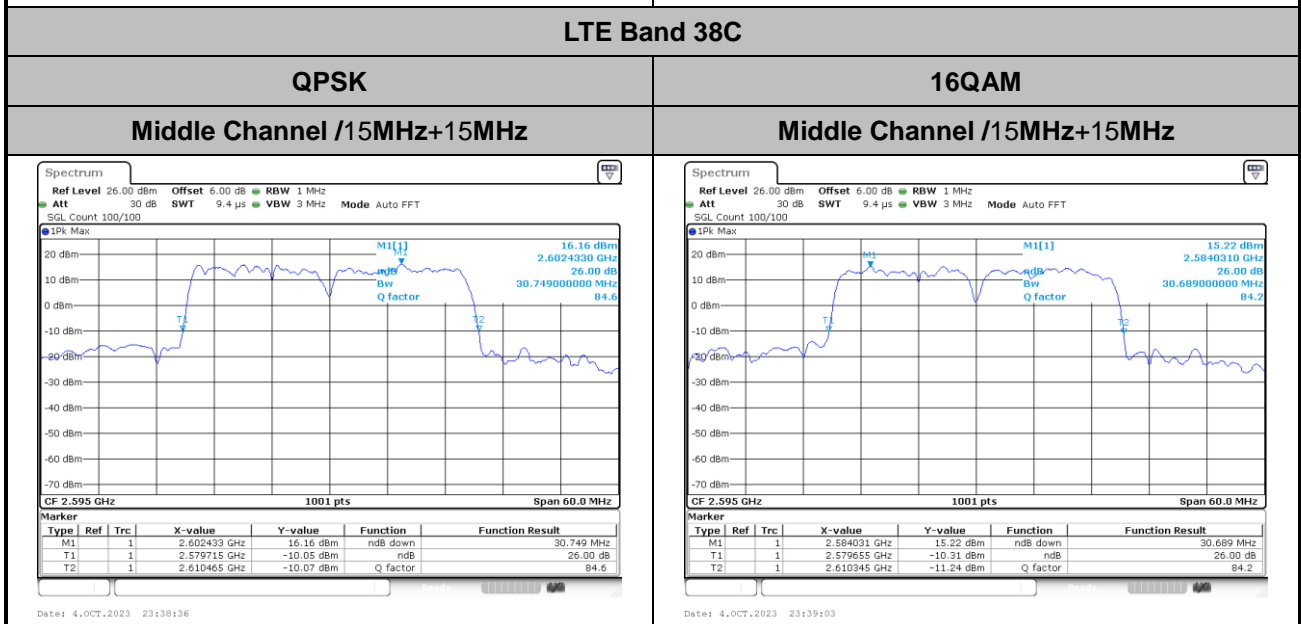
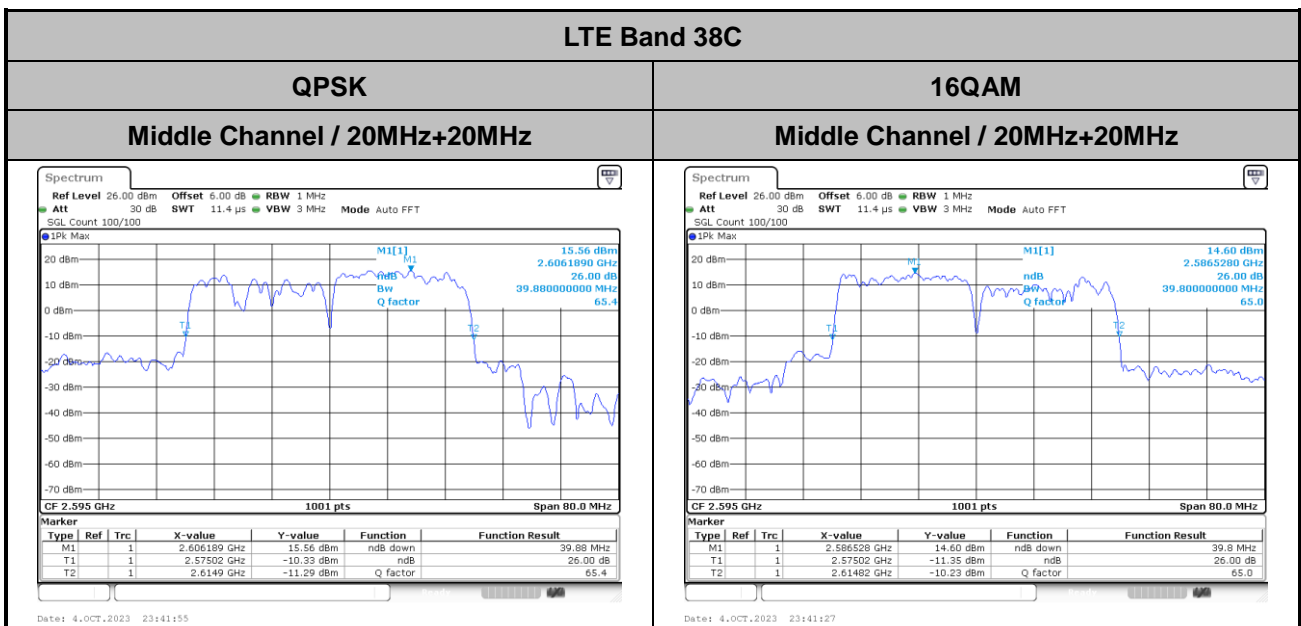
1. Normal Voltage =3.91 V. ; Battery End Point (BEP) =3.6V. ; Maximum Voltage =4.5 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



# LTE CA\_38C

## 26dB Bandwidth

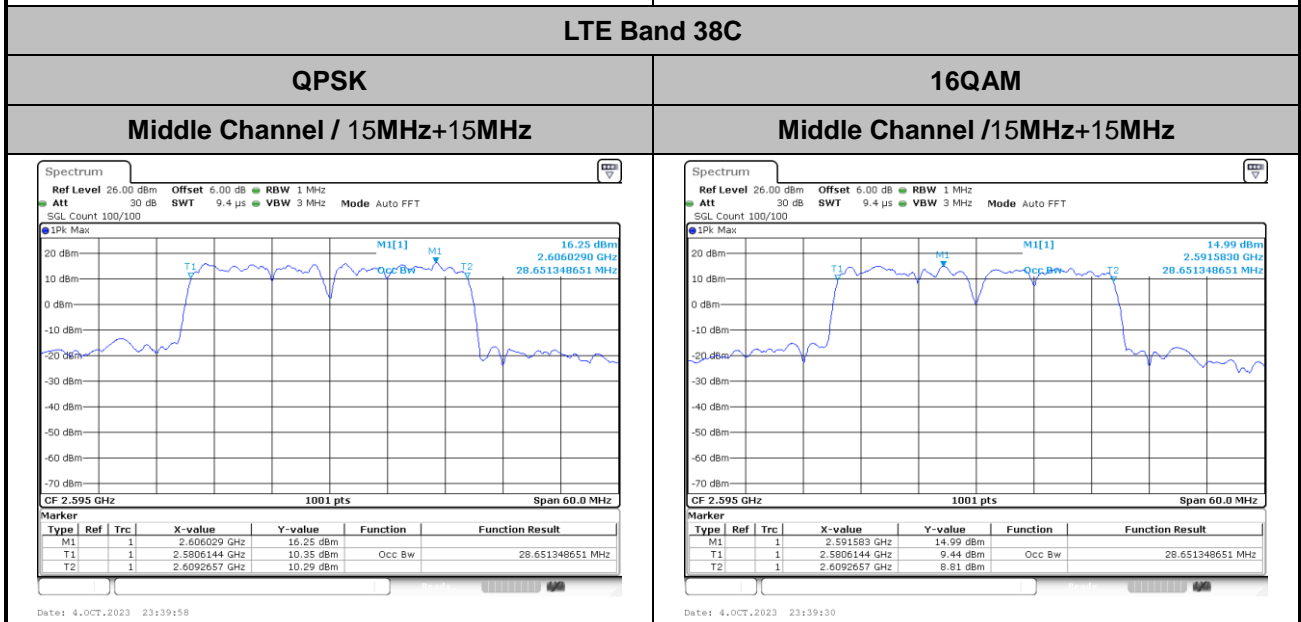
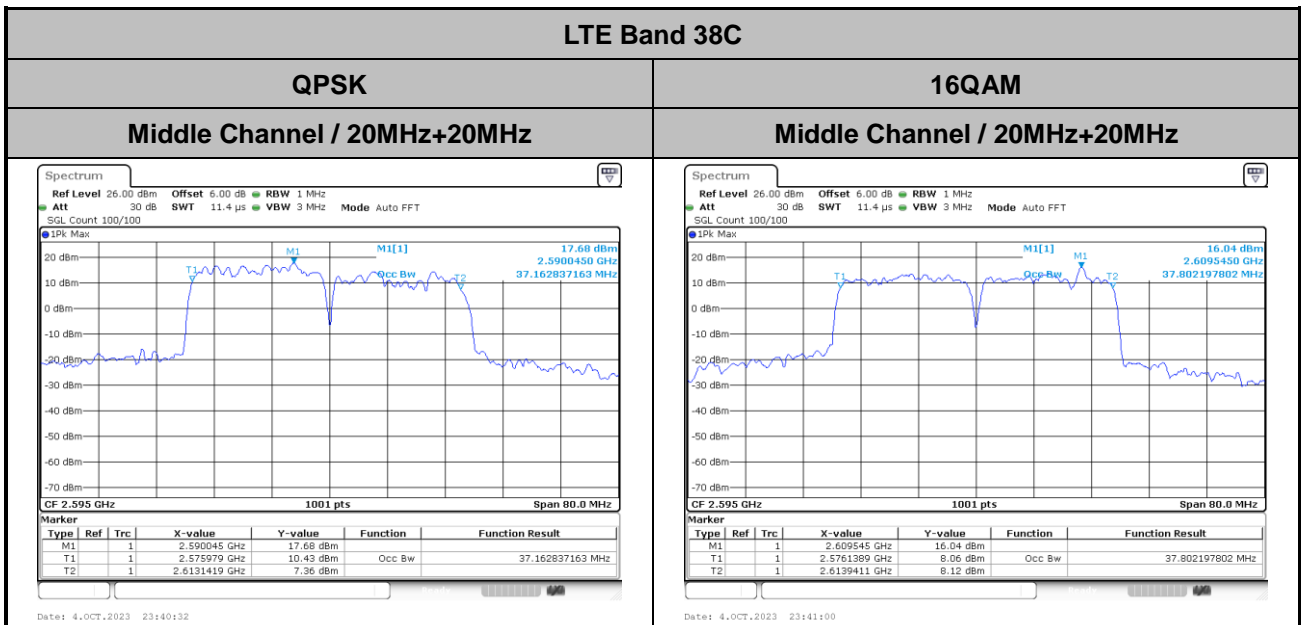
Mode	LTE Band 38C : 26dB BW(MHz)	
Mod.	QPSK	16QAM
BW	20MHz+20MHz	20MHz+20MHz
Middle CH	39.88	39.80
BW	15MHz+15MHz	15MHz+15MHz
Middle CH	30.75	20.69





# Occupied Bandwidth

Mode	LTE Band 38C : 99%OBW(MHz)	
Mod.	QPSK	16QAM
BW	20MHz+20MHz	20MHz+20MHz
Middle CH	37.16	37.80
BW	15MHz+15MHz	15MHz+15MHz
Middle CH	28.65	28.65



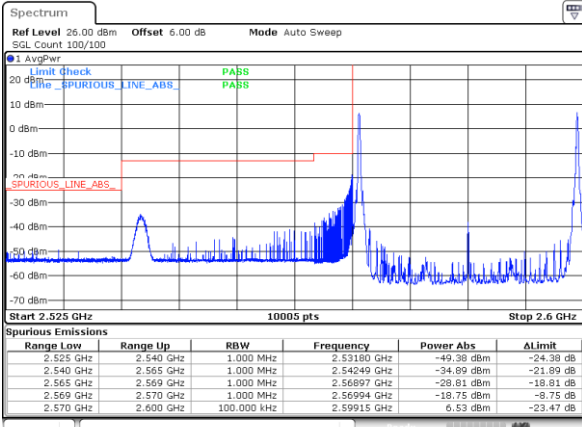


# Conducted Band Edge

## LTE Band 38C / 15MHz+15MHz

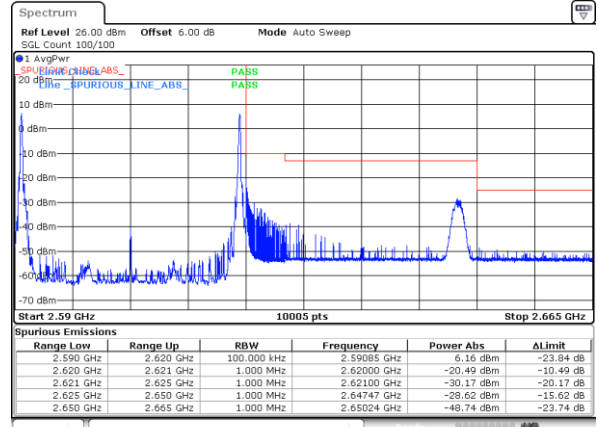
### QPSK

#### Lowest Band Edge / 1RB0 and 1RB74



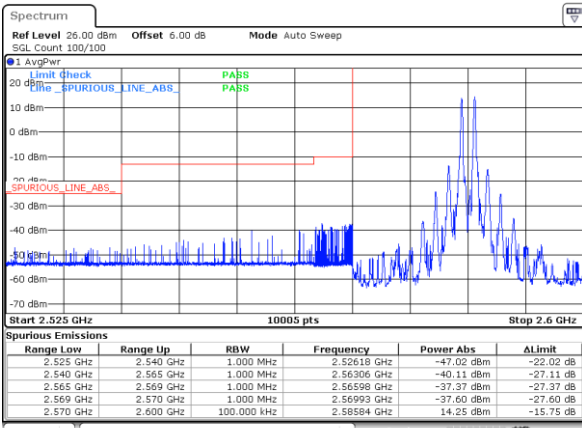
Date: 4.OCT.2023 22:10:07

#### Highest Band Edge / 1RB0 and 1RB74



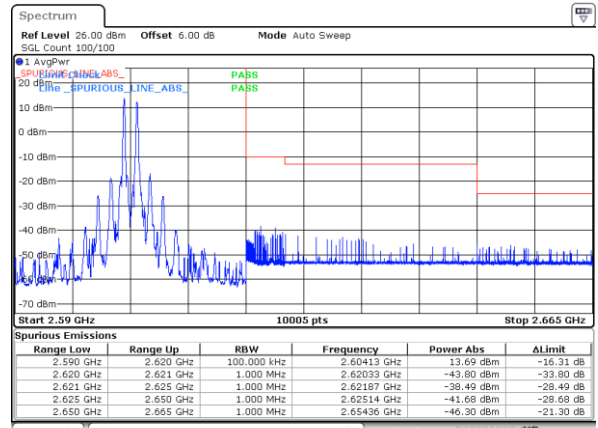
Date: 4.OCT.2023 23:05:52

#### Lowest Band Edge / 1RB74 and 1RB0



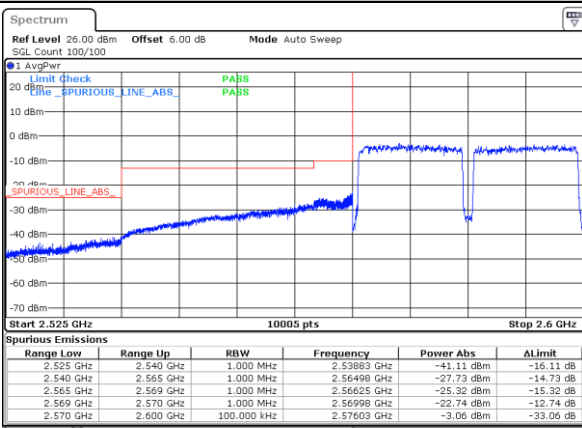
Date: 4.OCT.2023 22:14:36

#### Highest Band Edge / 1RB74 and 1RB0



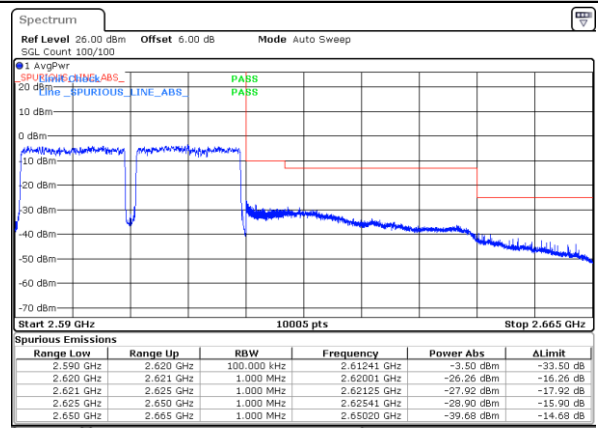
Date: 4.OCT.2023 22:23:45

#### Lowest Band Edge / Full RB



Date: 4.OCT.2023 22:05:38

#### Highest Band Edge / Full RB



Date: 4.OCT.2023 23:08:46

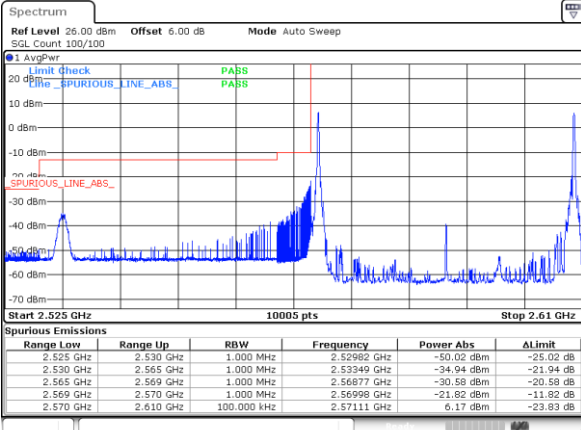




LTE Band 38C / 20MHz+20MHz

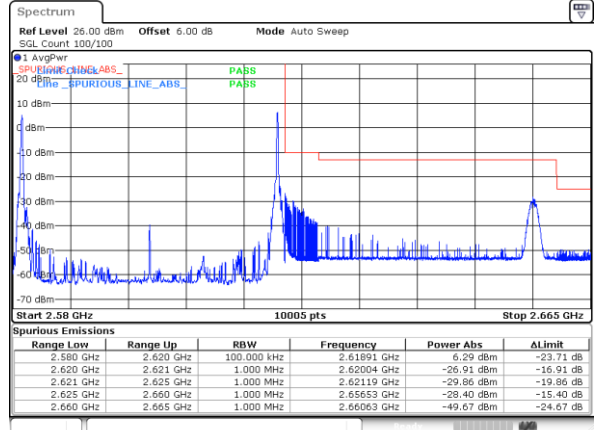
QPSK

Lowest Band Edge / 1RB0 and 1RB9



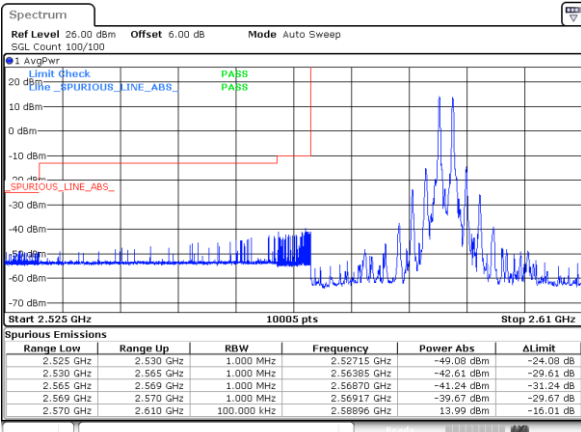
Date: 4.OCT.2023 23:13:56

Highest Band Edge / 1RB0 and 1RB9



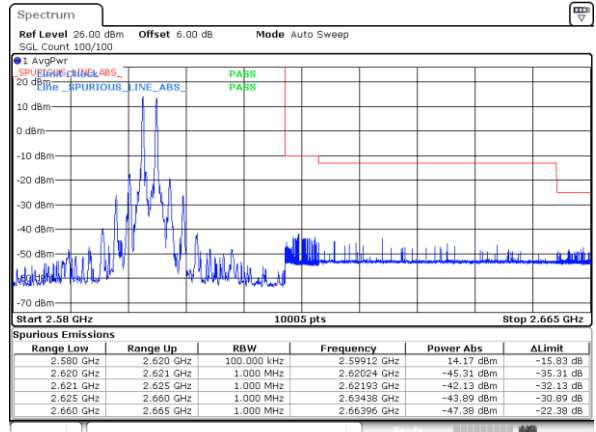
Date: 4.OCT.2023 23:25:17

Lowest Band Edge / 1RB99 and 1RB0



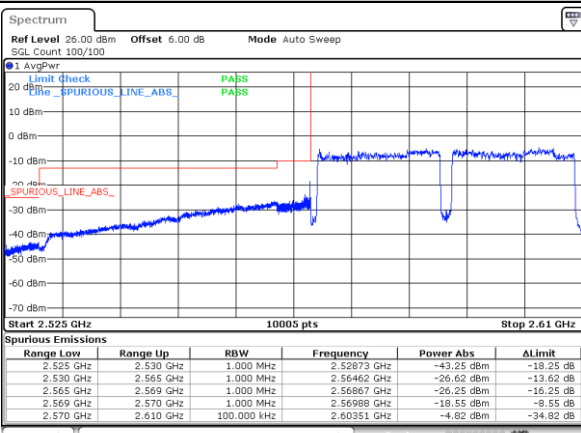
Date: 4.OCT.2023 23:16:10

Highest Band Edge / 1RB99 and 1RB0



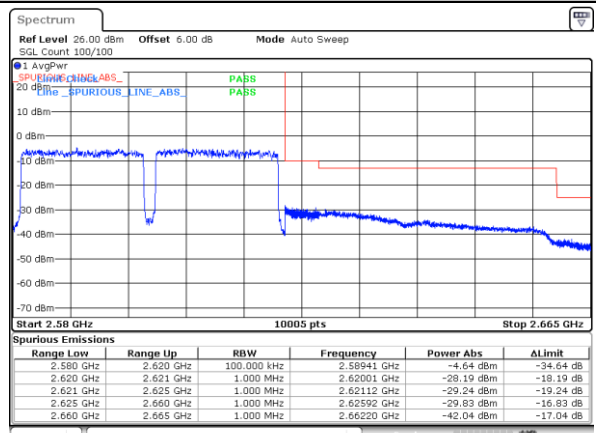
Date: 4.OCT.2023 23:22:53

Lowest Band Edge / Full RB



Date: 4.OCT.2023 23:11:42

Highest Band Edge / Full RB



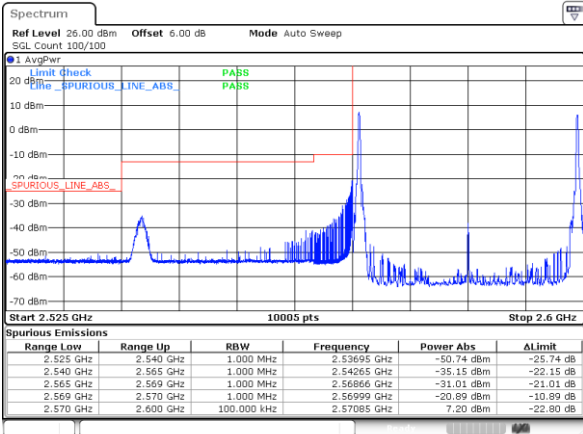
Date: 4.OCT.2023 23:27:11



LTE Band 38C / 15MHz+15MHz

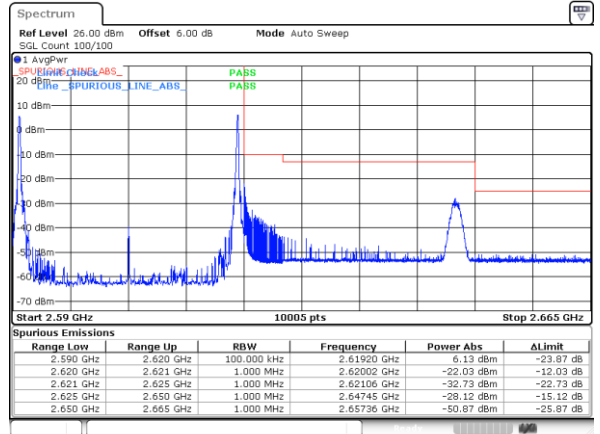
16QAM

Lowest Band Edge / 1RB0 and 1RB74



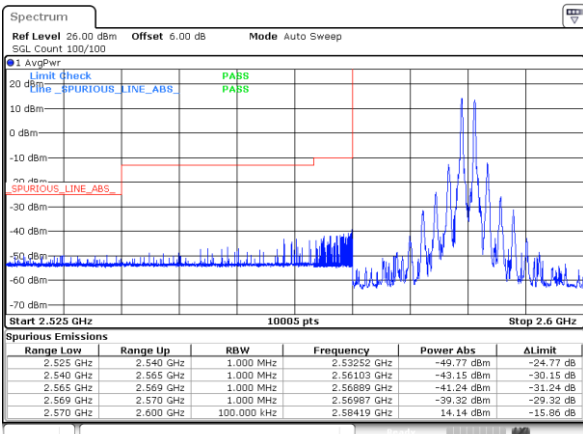
Date: 4.OCT.2023 22:11:37

Highest Band Edge / 1RB0 and 1RB74



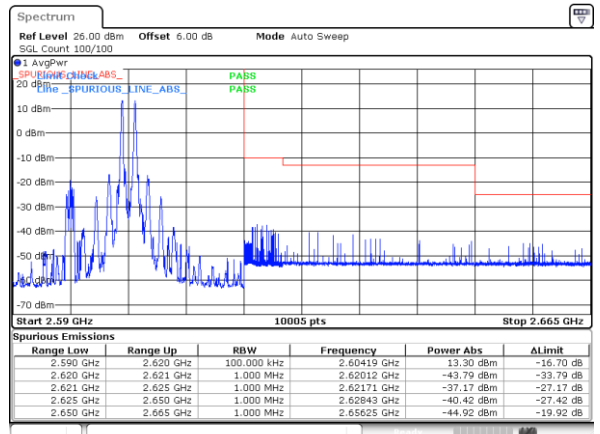
Date: 4.OCT.2023 23:06:50

Lowest Band Edge / 1RB74 and 1RB0



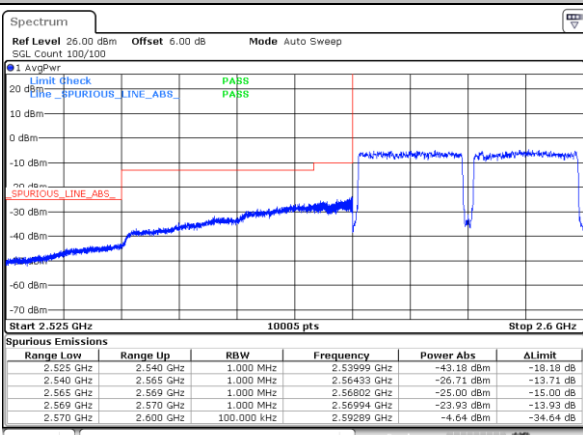
Date: 4.OCT.2023 22:16:06

Highest Band Edge / 1RB74 and 1RB0



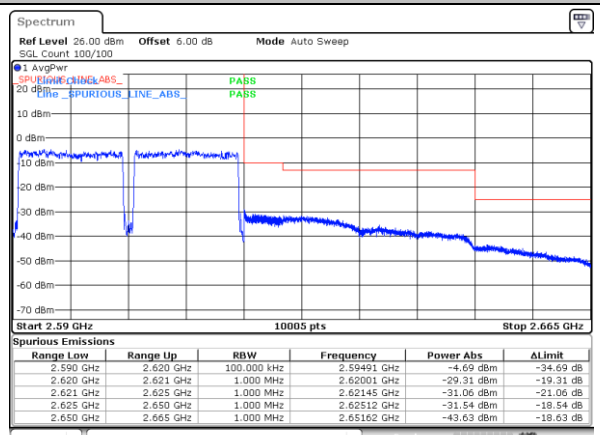
Date: 4.OCT.2023 23:32:08

Lowest Band Edge / Full RB



Date: 4.OCT.2023 22:07:08

Highest Band Edge / Full RB



Date: 4.OCT.2023 23:09:29

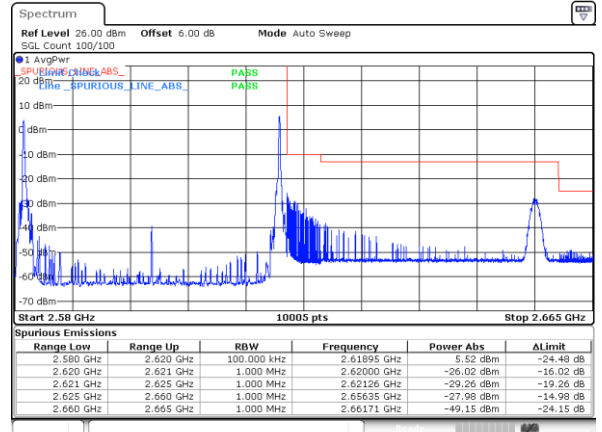
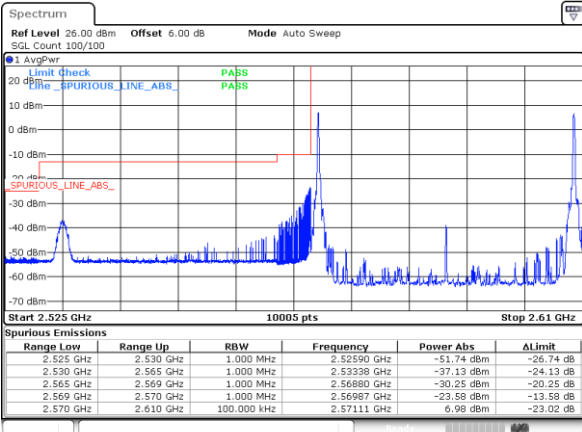


LTE Band 38C / 20MHz+20MHz

16QAM

Lowest Band Edge / 1RB0 and 1RB9

Highest Band Edge / 1RB0 and 1RB9

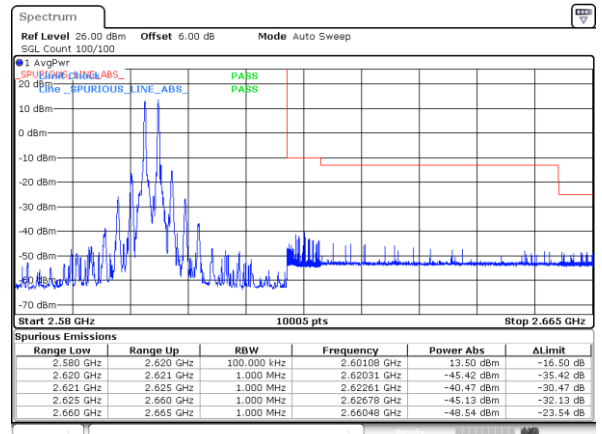
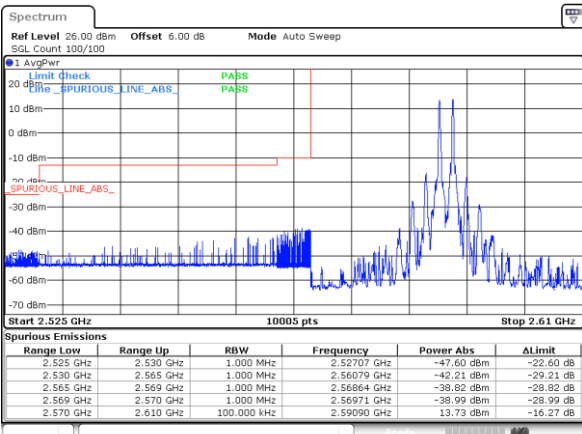


Date: 4.OCT.2023 23:14:40

Date: 4.OCT.2023 23:25:55

Lowest Band Edge / 1RB99 and 1RB0

Highest Band Edge / 1RB99 and 1RB0

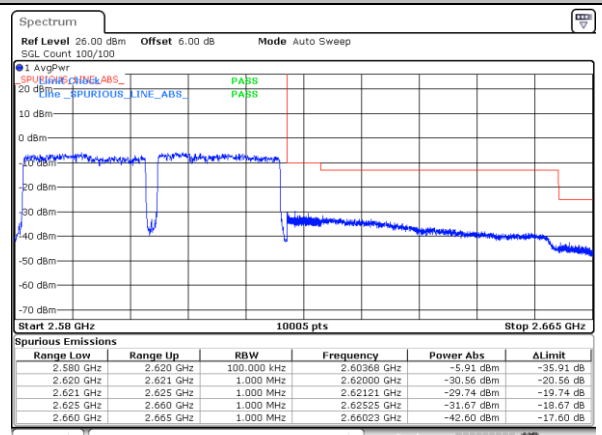
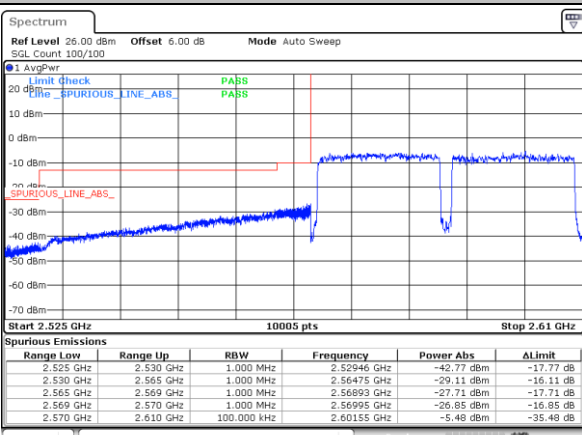


Date: 4.OCT.2023 23:16:54

Date: 4.OCT.2023 23:23:30

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 4.OCT.2023 23:12:26

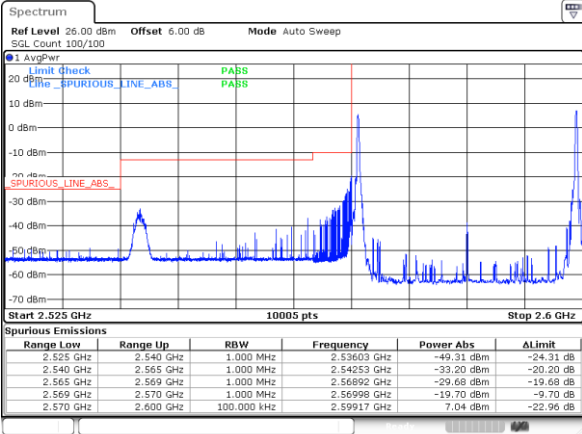
Date: 4.OCT.2023 23:27:48



LTE Band 38C / 15MHz+15MHz

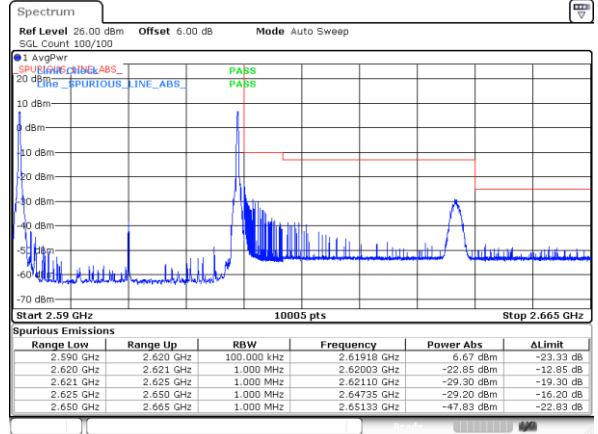
64QAM

Lowest Band Edge / 1RB0 and 1RB74



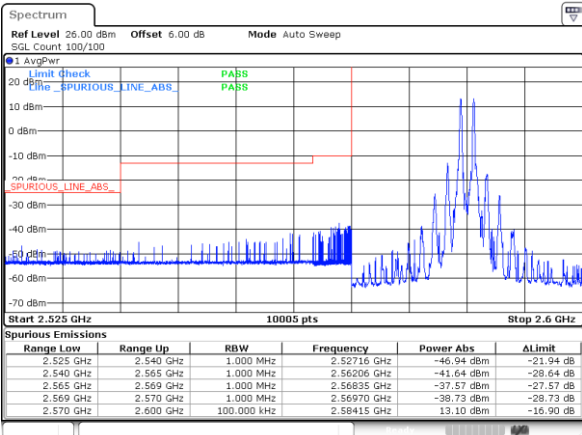
Date: 4.OCT.2023 22:13:06

Highest Band Edge / 1RB0 and 1RB74



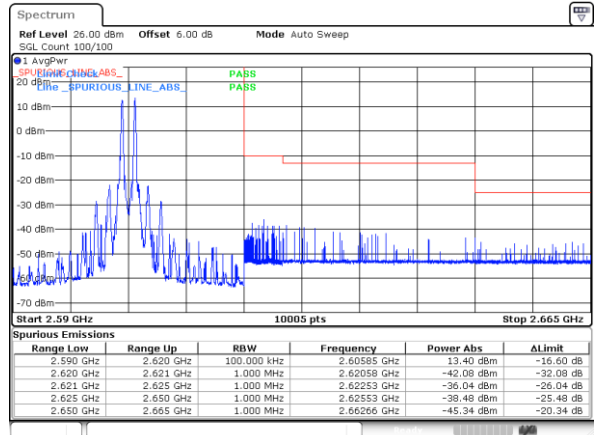
Date: 4.OCT.2023 23:07:48

Lowest Band Edge / 1RB74 and 1RB0



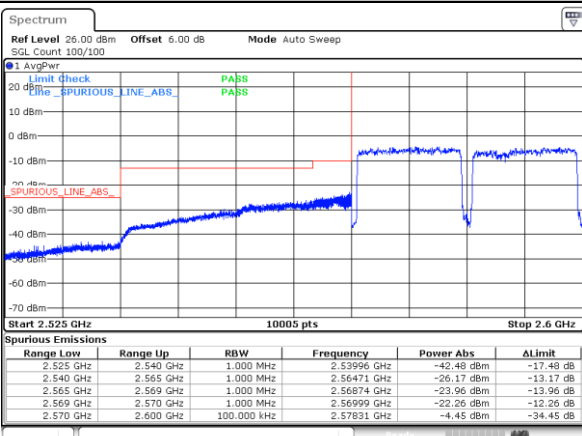
Date: 4.OCT.2023 22:17:35

Highest Band Edge / 1RB74 and 1RB0



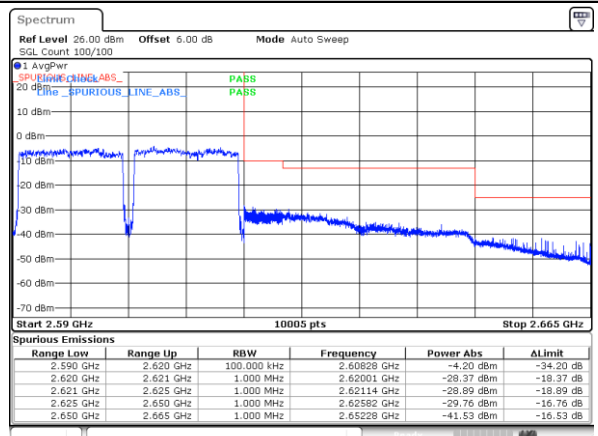
Date: 4.OCT.2023 23:35:03

Lowest Band Edge / Full RB



Date: 4.OCT.2023 22:08:38

Highest Band Edge / Full RB



Date: 4.OCT.2023 23:10:12

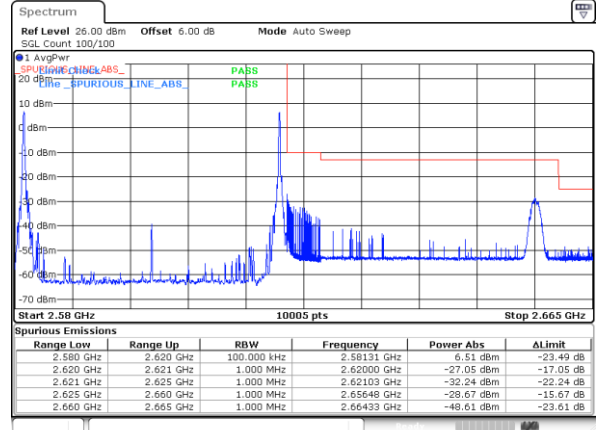
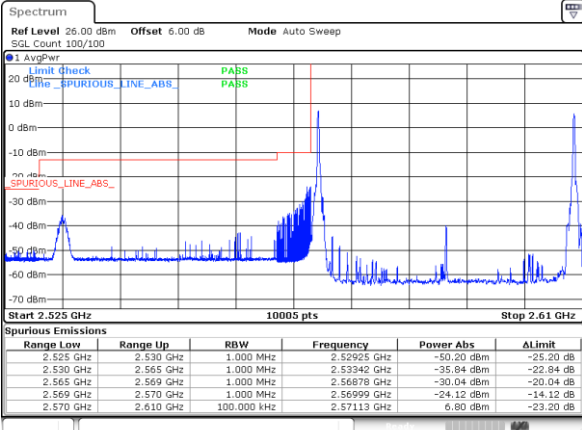


LTE Band 38C / 20MHz+20MHz

64QAM

Lowest Band Edge / 1RB0 and 1RB9

Highest Band Edge / 1RB0 and 1RB9

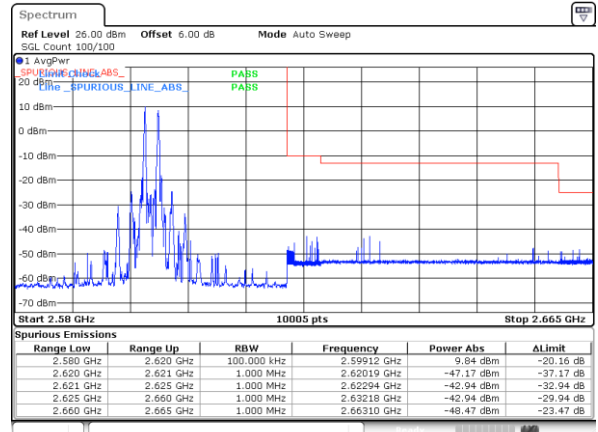
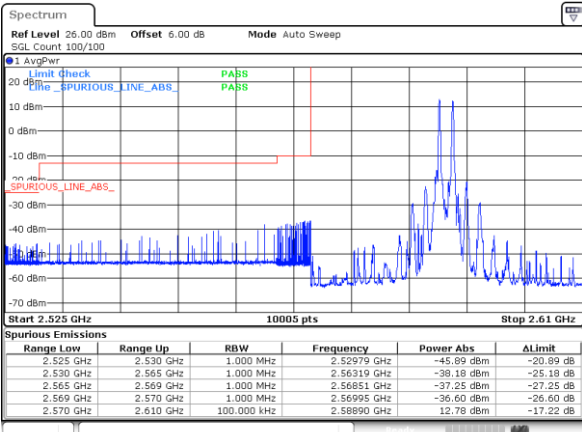


Date: 4.OCT.2023 23:15:25

Date: 4.OCT.2023 23:26:33

Lowest Band Edge / 1RB99 and 1RB0

Highest Band Edge / 1RB99 and 1RB0

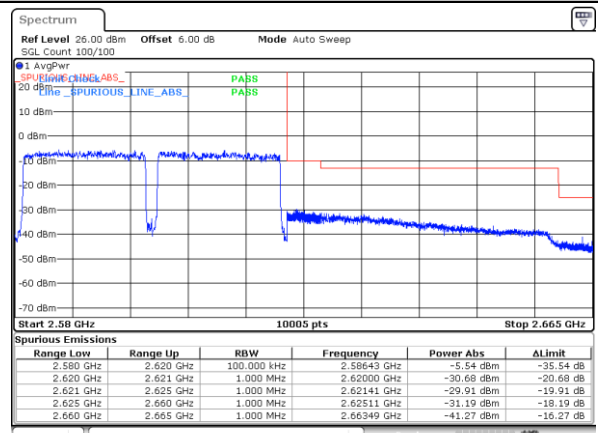
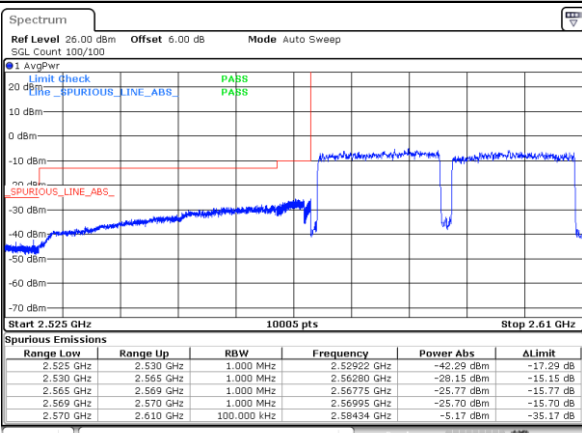


Date: 4.OCT.2023 23:17:34

Date: 4.OCT.2023 23:26:08

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 4.OCT.2023 23:13:11

Date: 4.OCT.2023 23:28:26