

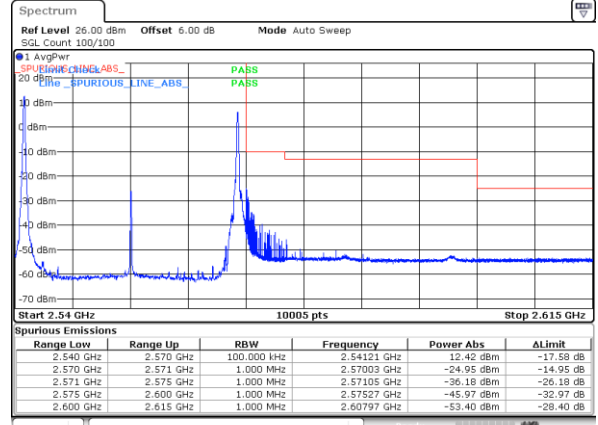
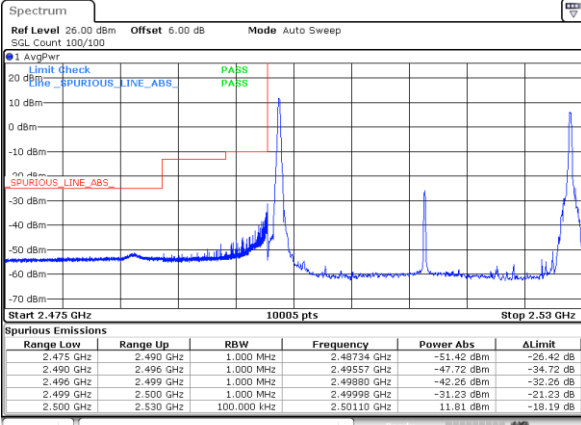


LTE Band 7C / 10MHz+20MHz

256QAM

Lowest Band Edge / 1RB0 and 1RB9

Highest Band Edge / 1RB0 and 1RB9

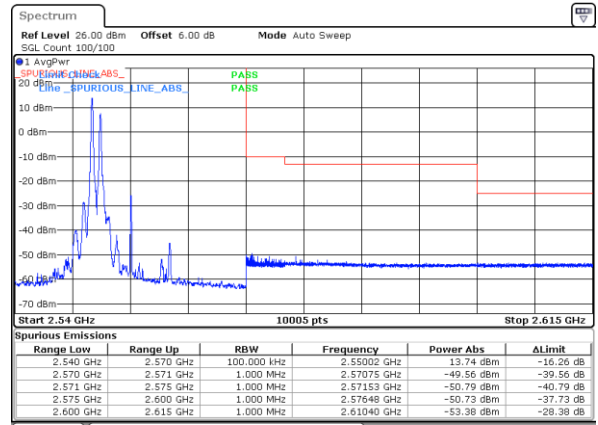
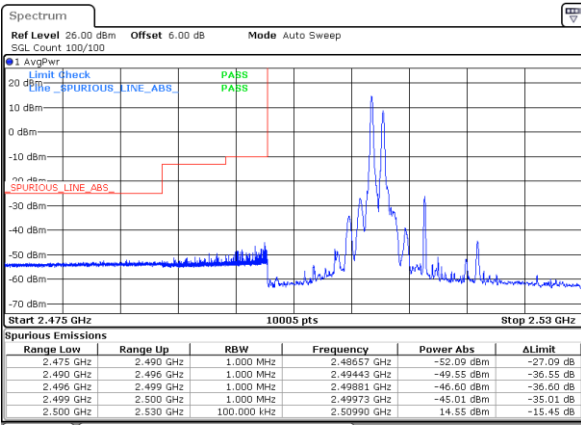


Date: 18\_JUN,2022 22:09:31

Date: 18\_JUN,2022 22:14:33

Lowest Band Edge / 1RB49 and 1RB0

Highest Band Edge / 1RB49 and 1RB0

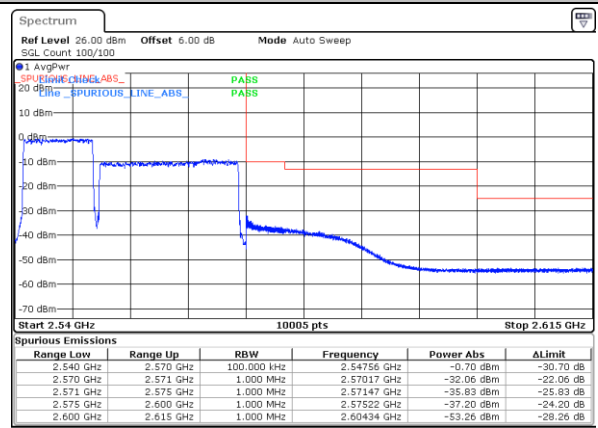
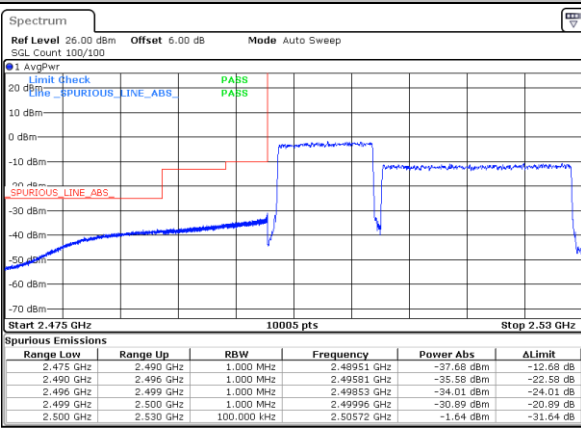


Date: 18\_JUN,2022 22:11:10

Date: 18\_JUN,2022 22:16:13

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 18\_JUN,2022 22:12:49

Date: 18\_JUN,2022 22:17:54

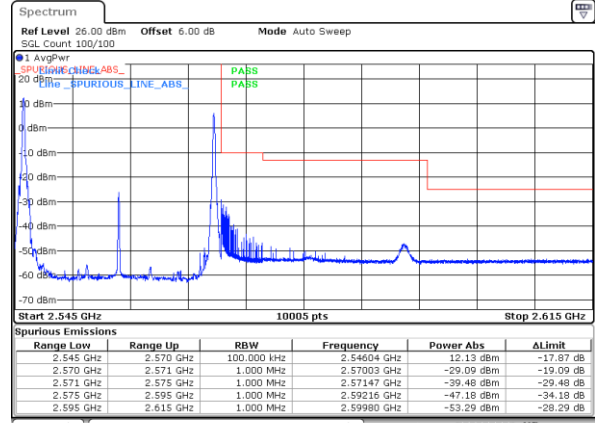
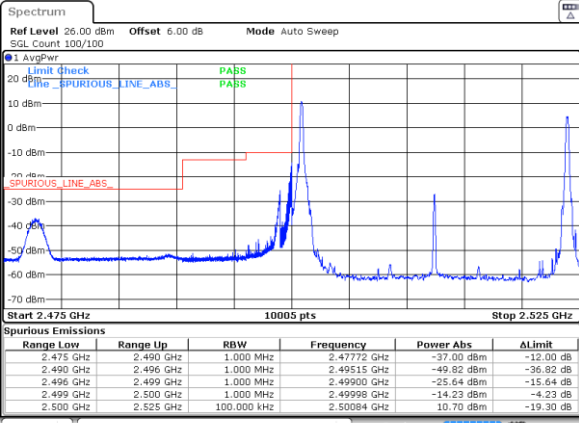


LTE Band 7C / 15MHz+10MHz

256QAM

Lowest Band Edge / 1RB0 and 1RB49

Highest Band Edge / 1RB0 and 1RB49

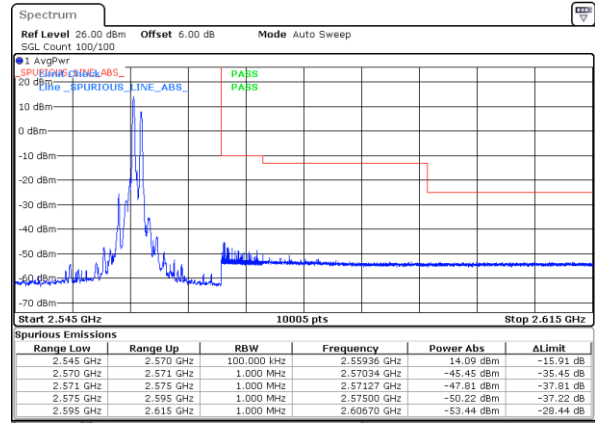
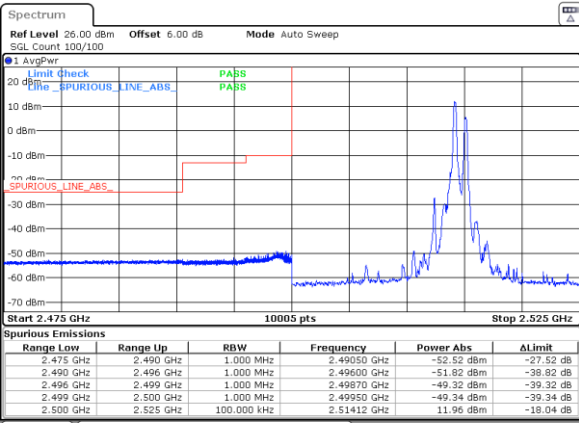


Date: 27 JUN 2022 06:30:59

Date: 18 JUN 2022 22:16:16

Lowest Band Edge / 1RB74 and 1RB0

Highest Band Edge / 1RB74 and 1RB0

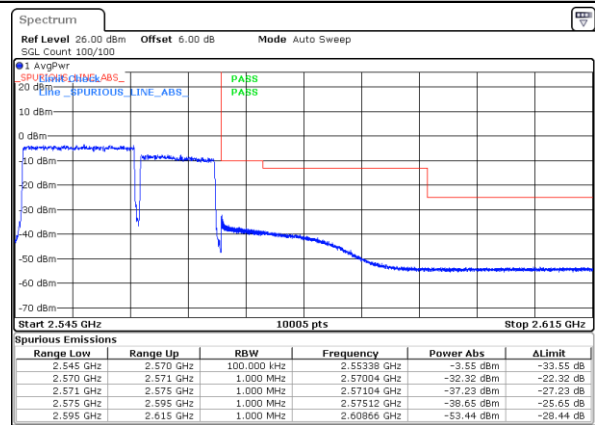
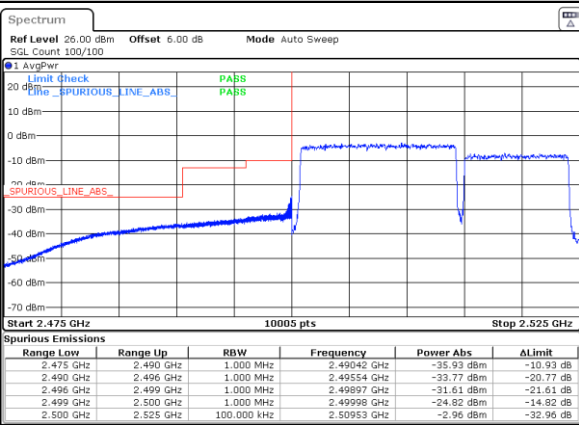


Date: 27 JUN 2022 06:32:00

Date: 18 JUN 2022 22:16:16

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 27 JUN 2022 06:32:40

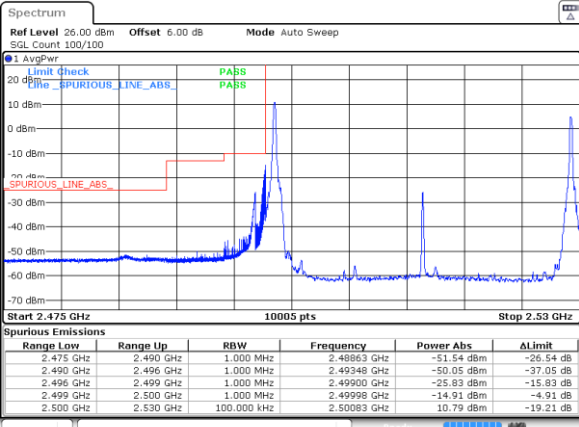
Date: 18 JUN 2022 22:16:16



LTE Band 7C / 15MHz+15MHz

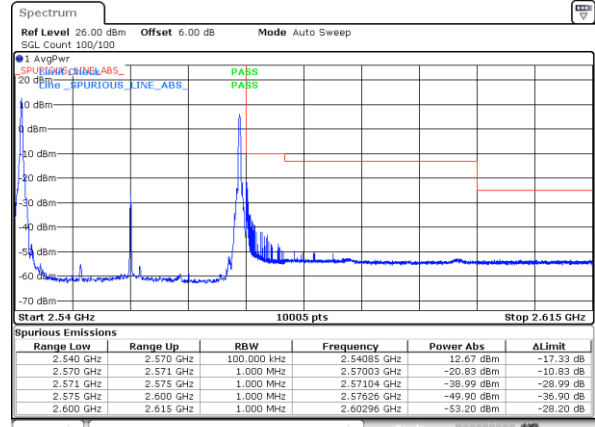
256QAM

Lowest Band Edge / 1RB0 and 1RB74



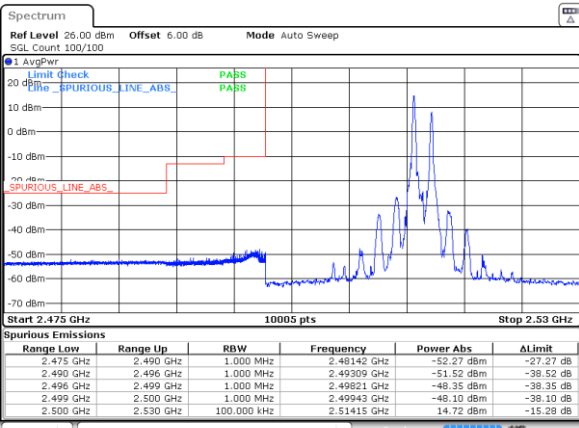
Date: 27 JUN 2022 06:34:48

Highest Band Edge / 1RB0 and 1RB74



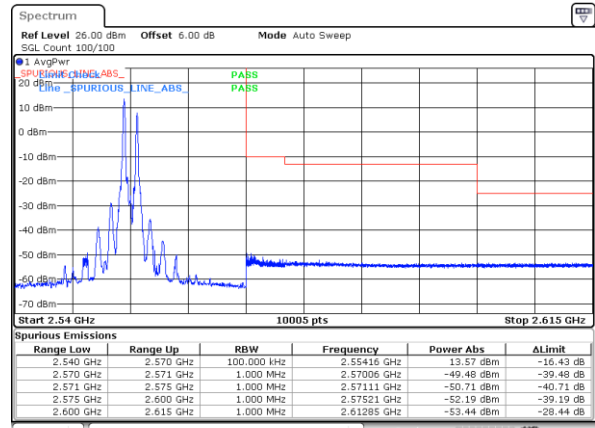
Date: 18 JUN 2022 22:47:01

Lowest Band Edge / 1RB74 and 1RB0



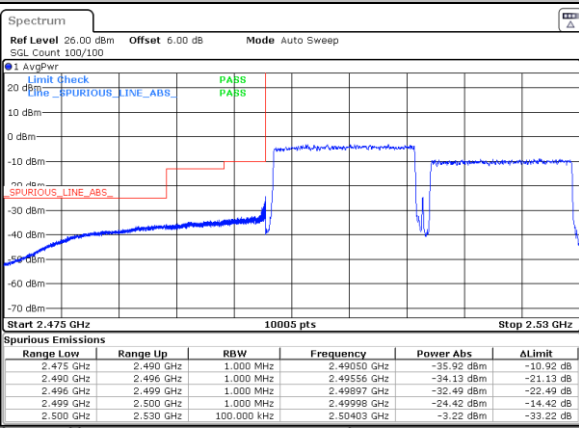
Date: 27 JUN 2022 06:35:55

Highest Band Edge / 1RB74 and 1RB0



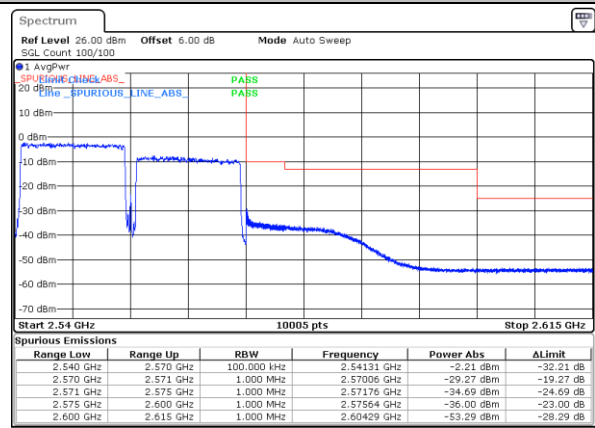
Date: 18 JUN 2022 22:46:40

Lowest Band Edge / Full RB



Date: 27 JUN 2022 06:33:51

Highest Band Edge / Full RB



Date: 18 JUN 2022 22:50:20

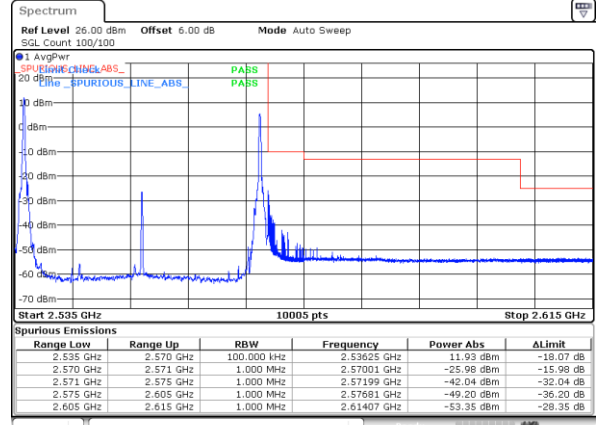
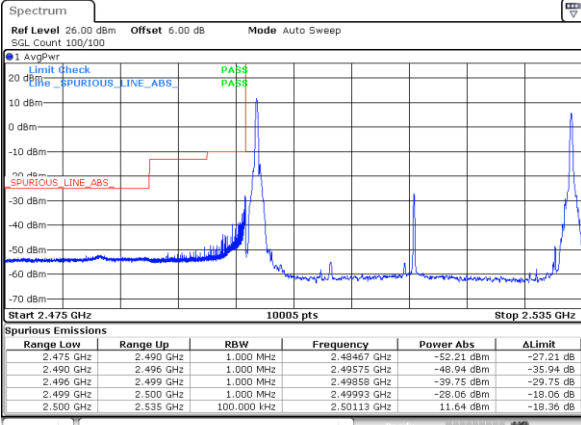


LTE Band 7C / 15MHz+20MHz

256QAM

Lowest Band Edge / 1RB0 and 1RB9

Highest Band Edge / 1RB0 and 1RB9

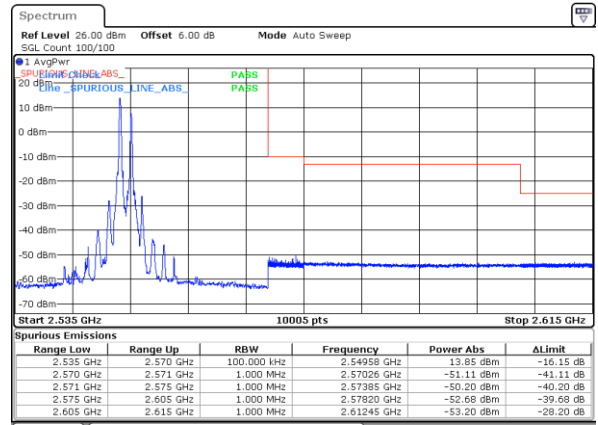
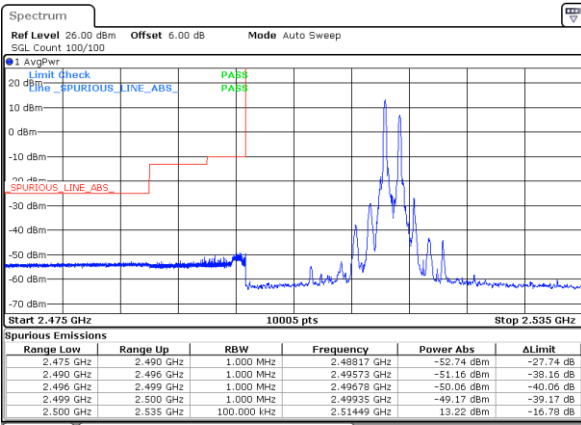


Date: 18\_JUN,2022 22:52:03

Date: 18\_JUN,2022 22:57:05

Lowest Band Edge / 1RB74 and 1RB0

Highest Band Edge / 1RB74 and 1RB0

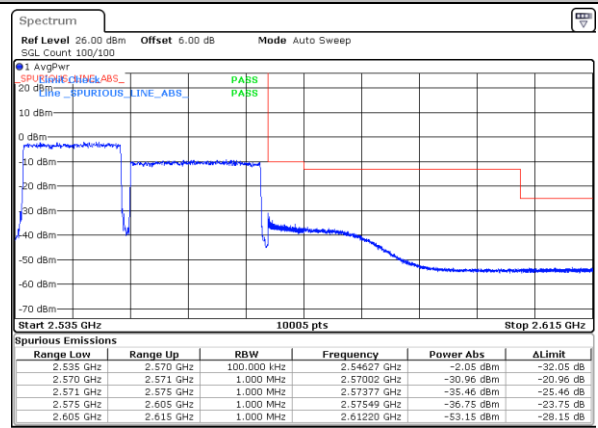
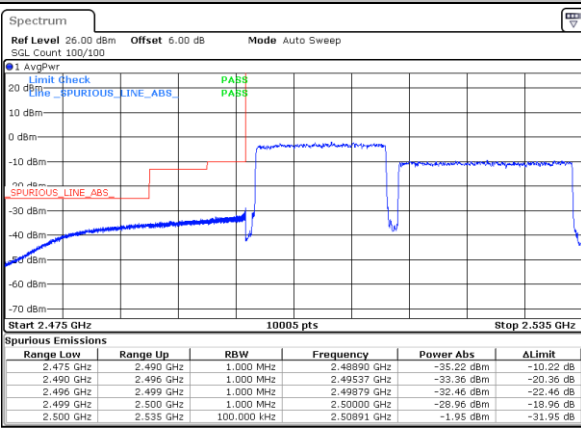


Date: 18\_JUN,2022 22:53:42

Date: 18\_JUN,2022 22:58:44

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 18\_JUN,2022 22:55:22

Date: 18\_JUN,2022 23:00:25

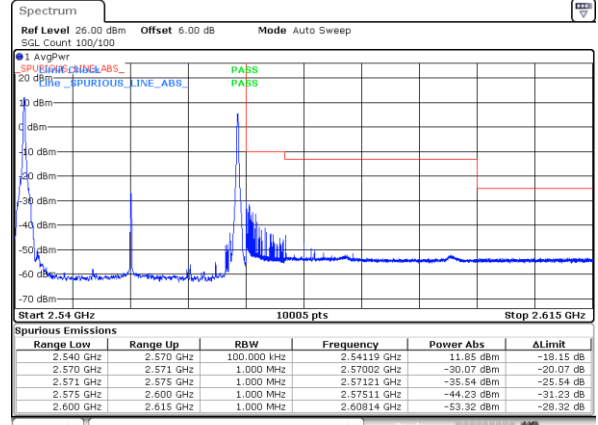
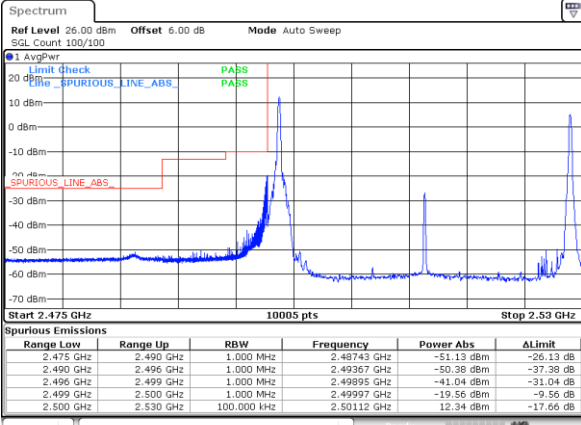


LTE Band 7C / 20MHz+10MHz

256QAM

Lowest Band Edge / 1RB0 and 1RB49

Highest Band Edge / 1RB0 and 1RB49

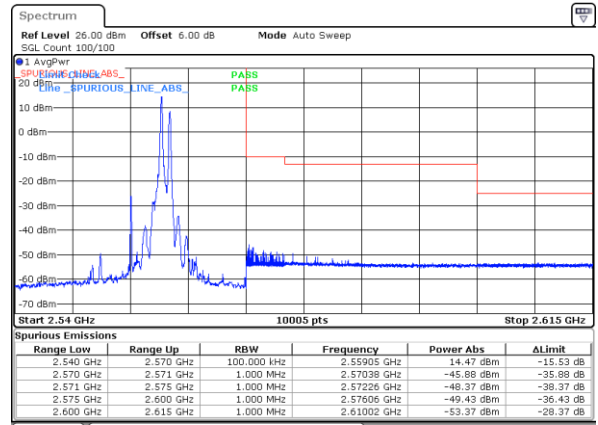
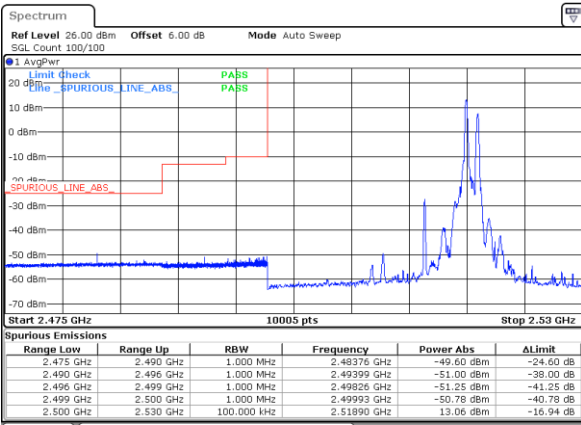


Date: 18\_JUN,2022 23:10:43

Date: 18\_JUN,2022 23:15:46

Lowest Band Edge / 1RB99 and 1RB0

Highest Band Edge / 1RB99 and 1RB0

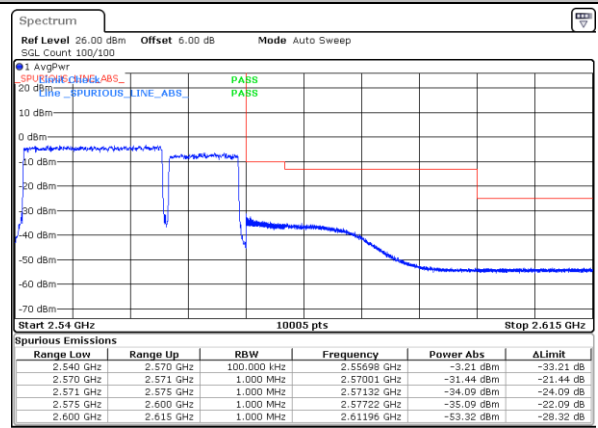
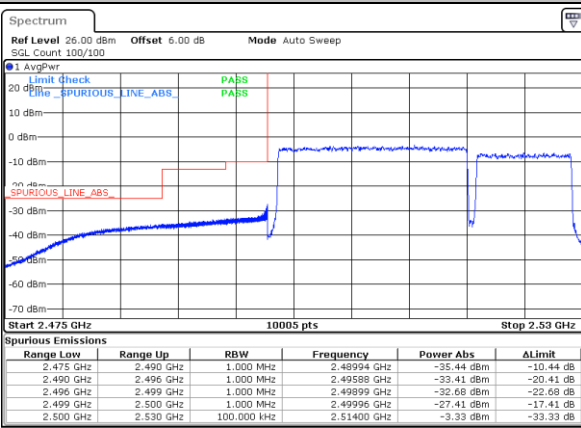


Date: 18\_JUN,2022 23:12:23

Date: 18\_JUN,2022 23:17:25

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 18\_JUN,2022 23:14:03

Date: 18\_JUN,2022 23:19:05

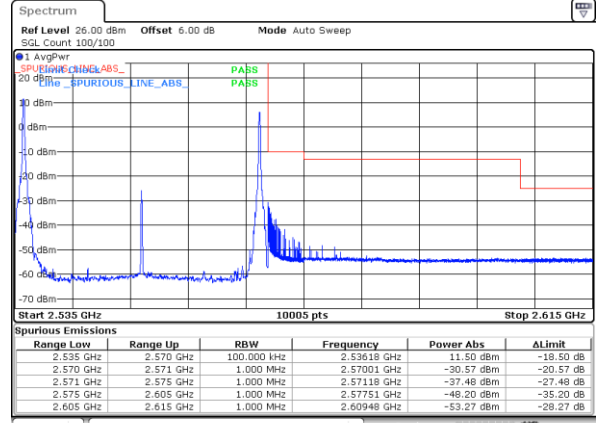
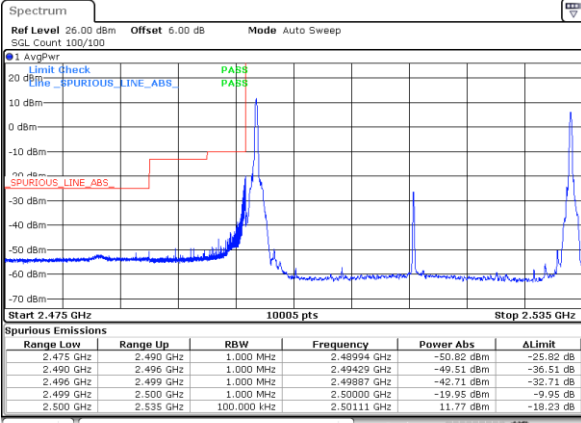


LTE Band 7C / 20MHz+15MHz

256QAM

Lowest Band Edge / 1RB0 and 1RB74

Highest Band Edge / 1RB0 and 1RB74

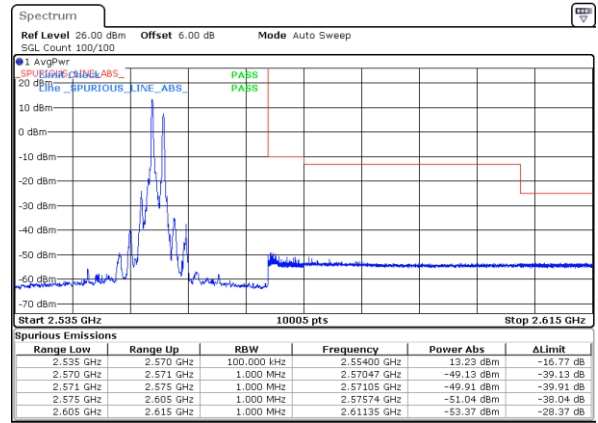
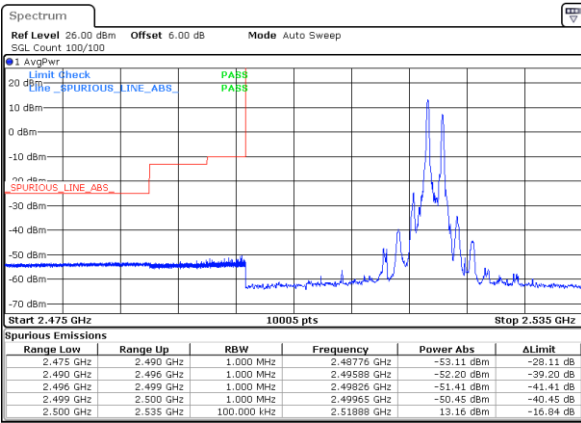


Date: 18\_JUN.2022 23:20:48

Date: 18\_JUN.2022 23:25:51

Lowest Band Edge / 1RB99 and 1RB0

Highest Band Edge / 1RB99 and 1RB0

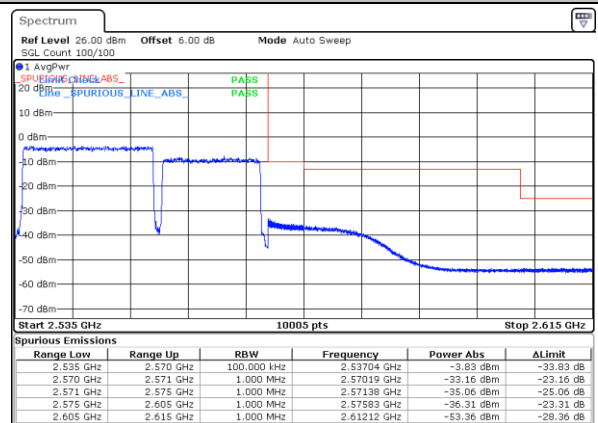
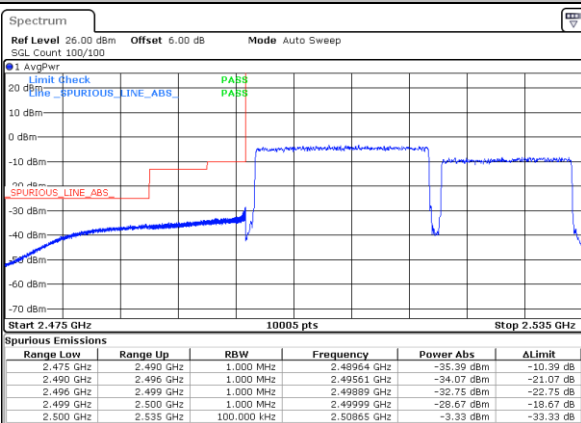


Date: 18\_JUN.2022 23:22:18

Date: 18\_JUN.2022 23:27:31

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 18\_JUN.2022 23:24:08

Date: 18\_JUN.2022 23:29:11

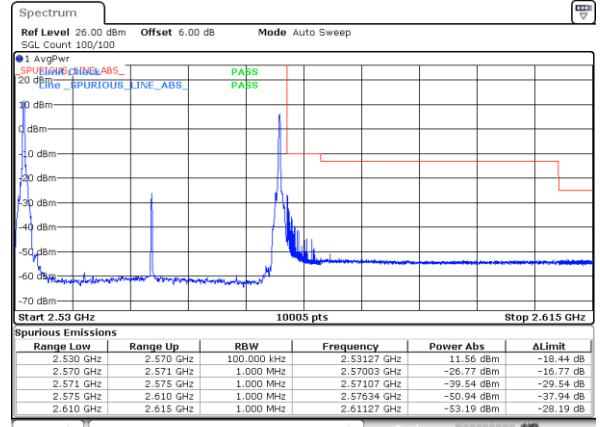
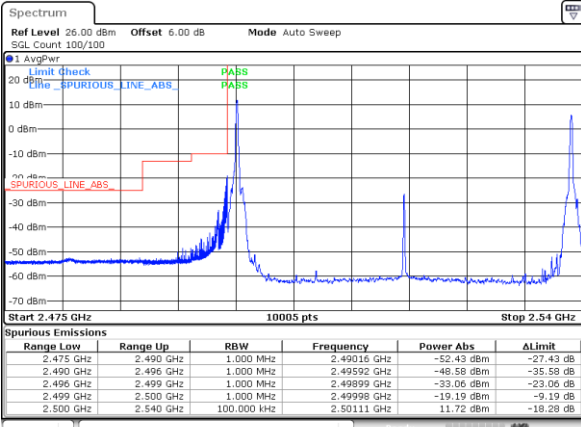


LTE Band 7C / 20MHz+20MHz

256QAM

Lowest Band Edge / 1RB0 and 1RB9

Highest Band Edge / 1RB0 and 1RB9

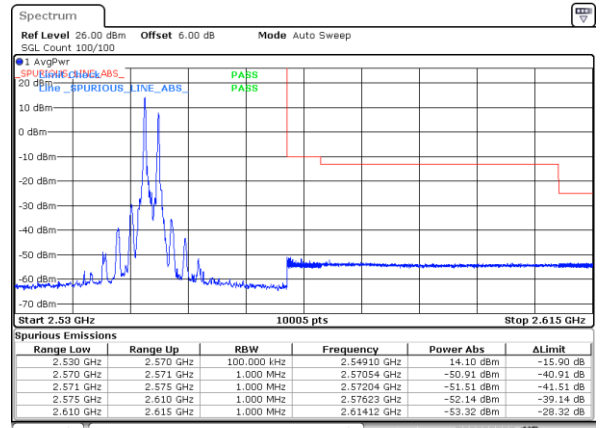
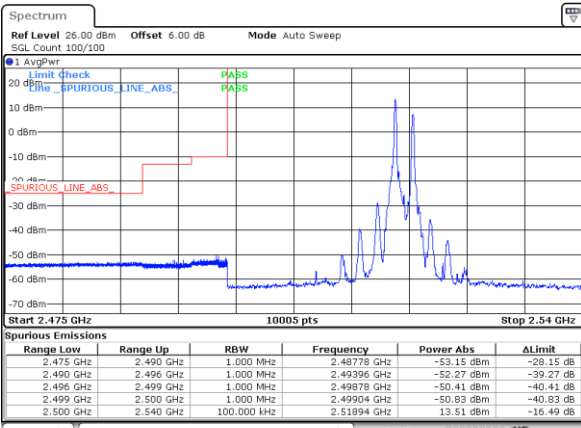


Date: 18\_JUN,2022 23:30:56

Date: 18\_JUN,2022 23:36:01

Lowest Band Edge / 1RB99 and 1RB0

Highest Band Edge / 1RB99 and 1RB0

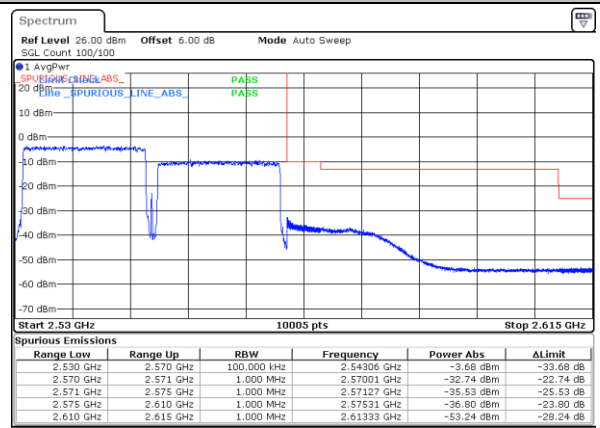
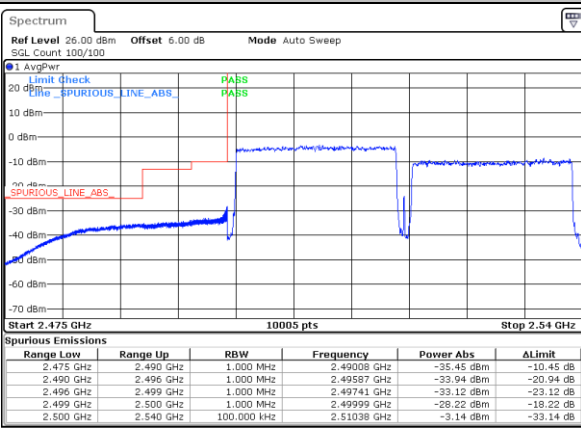


Date: 18\_JUN,2022 23:32:36

Date: 18\_JUN,2022 23:37:40

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 18\_JUN,2022 23:34:17

Date: 18\_JUN,2022 23:39:21

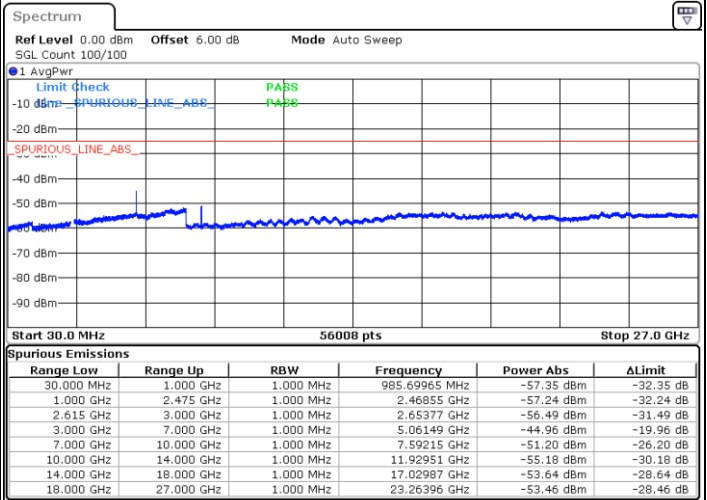
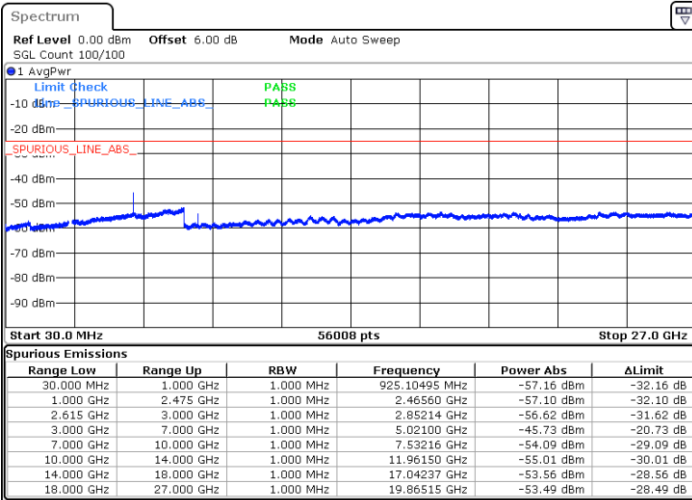


# Conducted Spurious Emission

## LTE Band 7C / 10MHz+20MHz

### Lowest Channel / QPSK

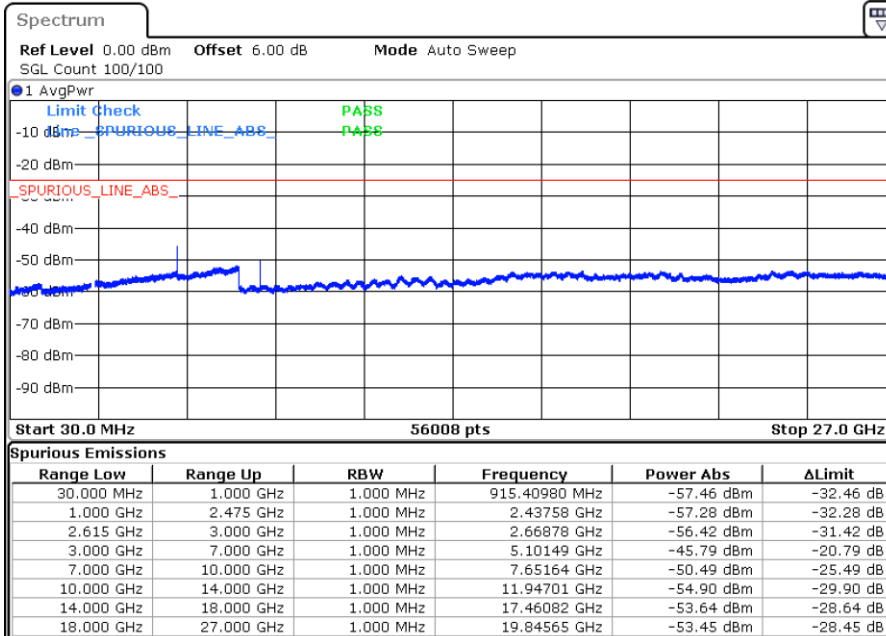
### Middle Channel / QPSK



Date: 14 JUN 2022 07:01:54

Date: 14 JUN 2022 07:16:58

### Highest Channel / QPSK



Date: 14 JUN 2022 07:18:52

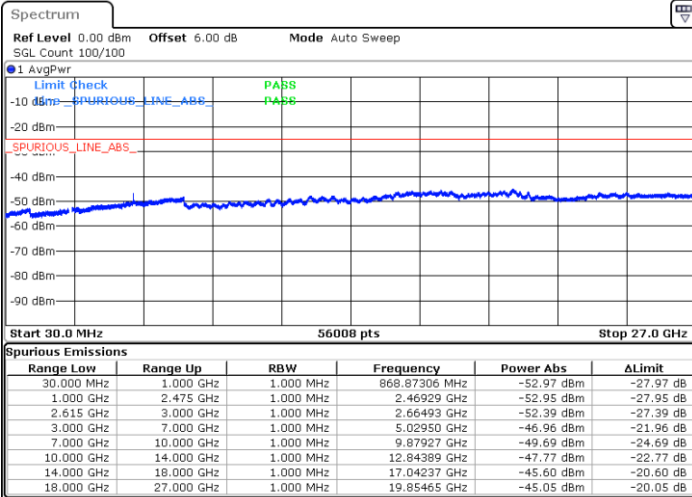




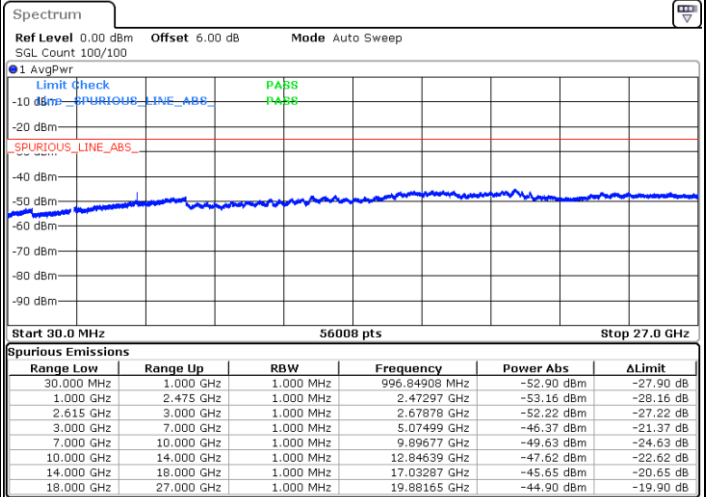
LTE Band 7C / 15MHz+10MHz

Lowest Channel / QPSK

Middle Channel / QPSK

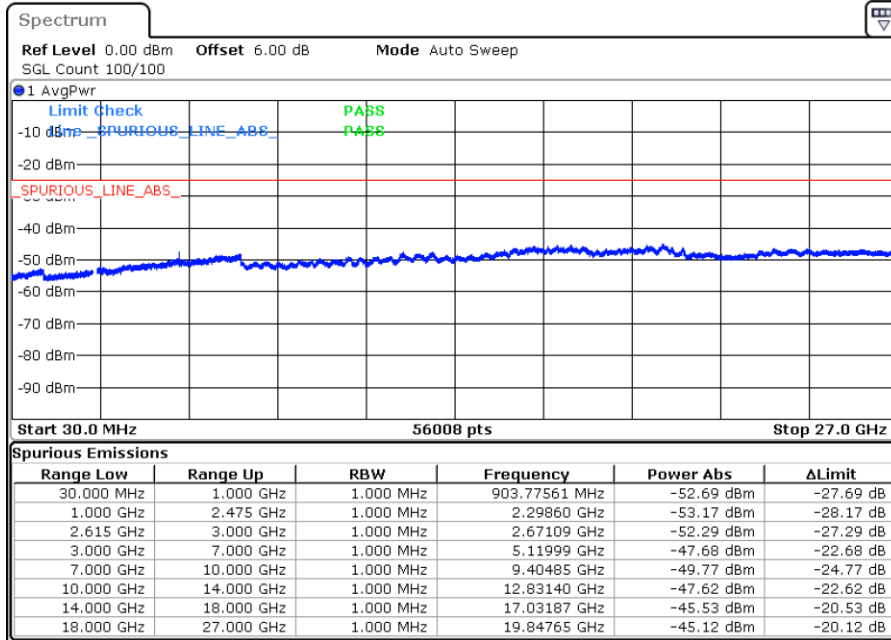


Date: 14 JUN 2022 07:54:35



Date: 14 JUN 2022 08:09:39

Highest Channel / QPSK



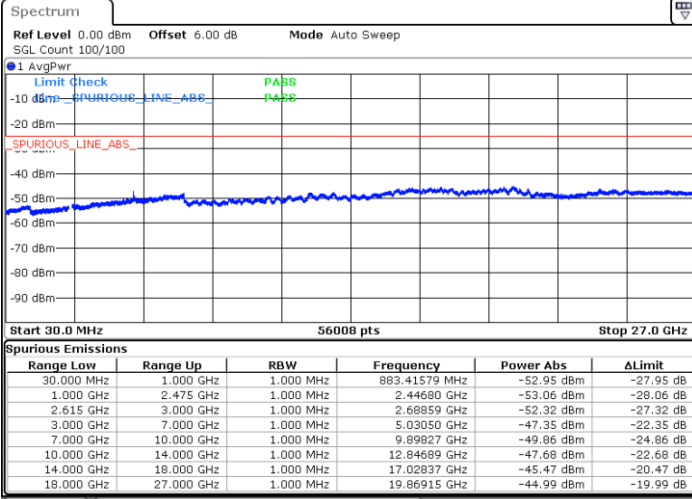
Date: 14 JUN 2022 08:11:33



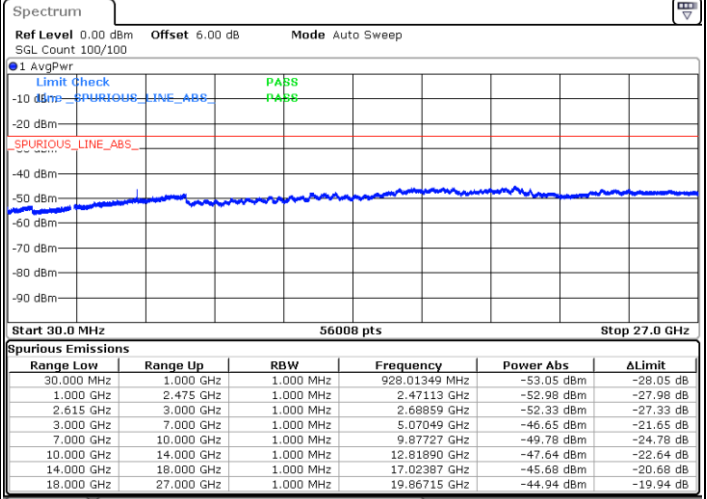
LTE Band 7C / 15MHz+15MHz

Lowest Channel / QPSK

Middle Channel / QPSK

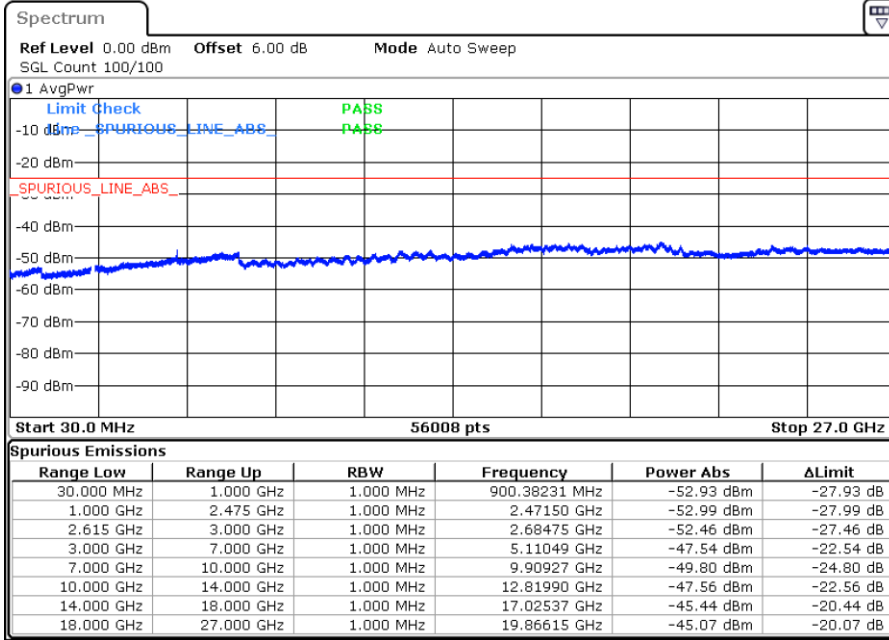


Date: 14 JUN 2022 08:26:39



Date: 14 JUN 2022 08:52:27

Highest Channel / QPSK



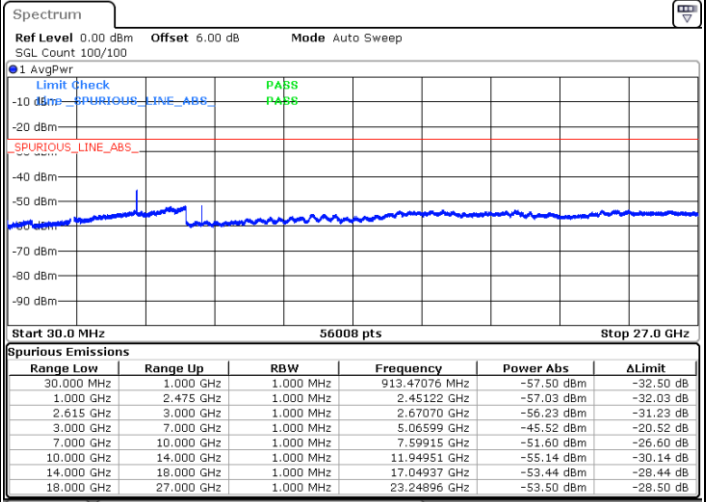
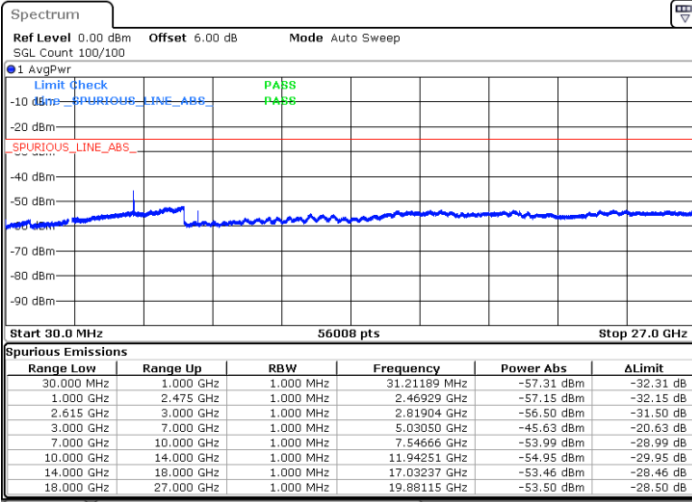
Date: 14 JUN 2022 08:54:21



LTE Band 7C / 15MHz+20MHz

Lowest Channel / QPSK

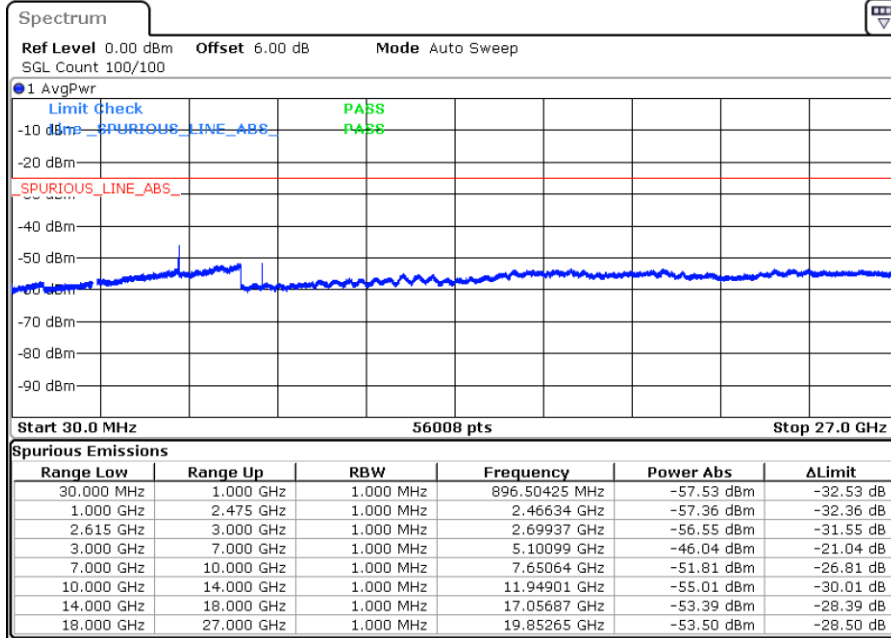
Middle Channel / QPSK



Date: 14 JUN 2022 09:09:22

Date: 14 JUN 2022 09:24:26

Highest Channel / QPSK



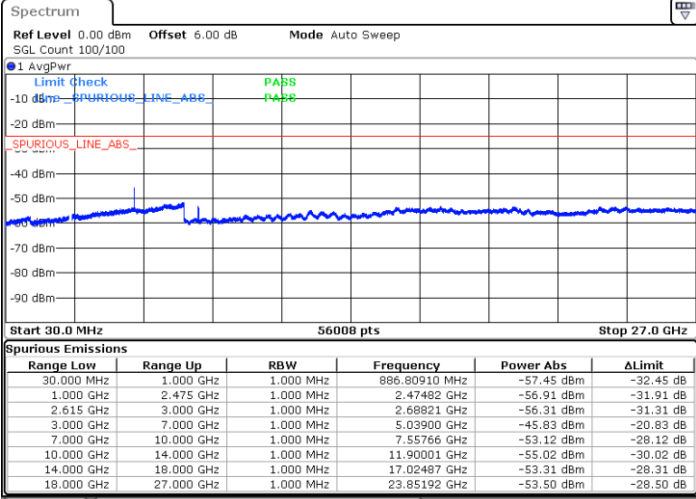
Date: 14 JUN 2022 09:26:19



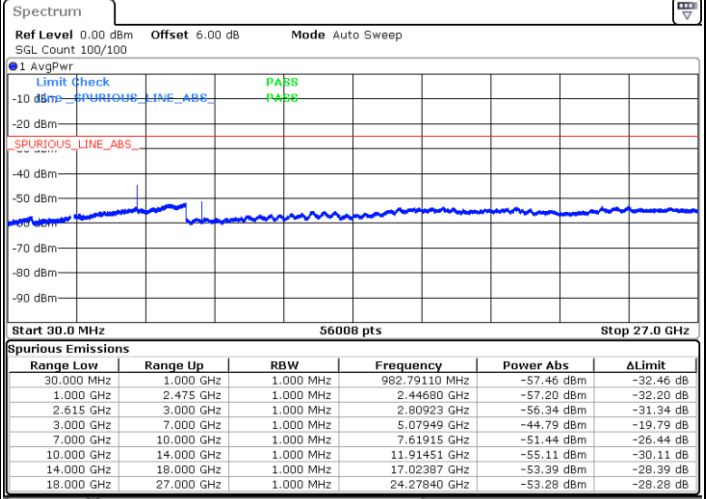
LTE Band 7C / 20MHz+10MHz

Lowest Channel / QPSK

Middle Channel / QPSK

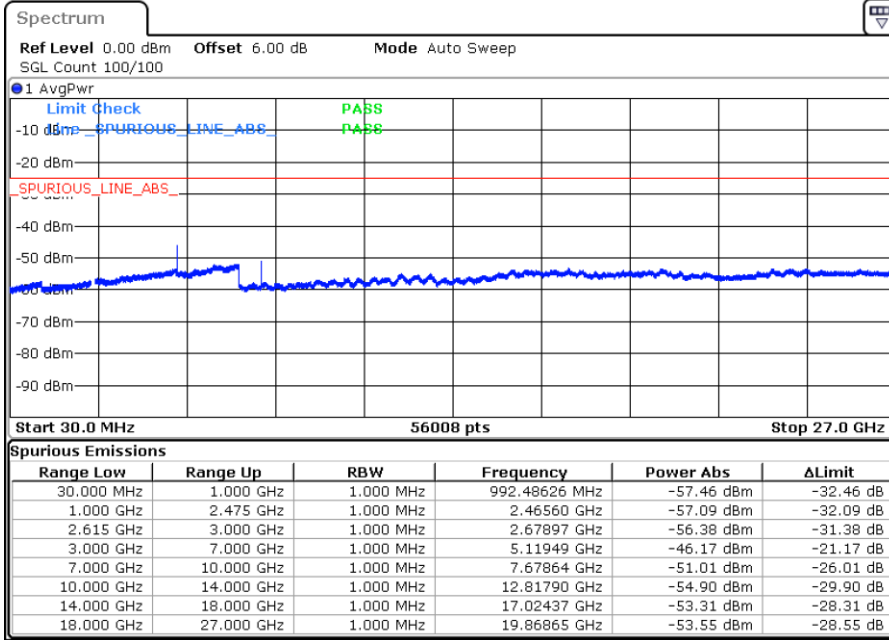


Date: 14 JUN 2022 10:07:47



Date: 14 JUN 2022 10:22:51

Highest Channel / QPSK



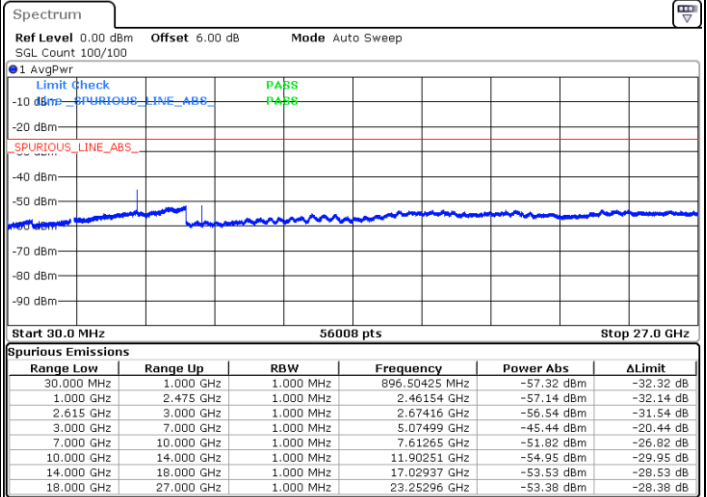
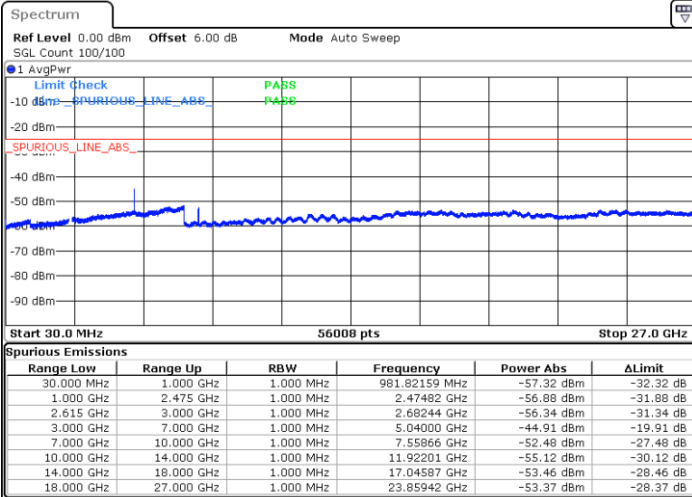
Date: 14 JUN 2022 10:24:44



LTE Band 7C / 20MHz+15MHz

Lowest Channel / QPSK

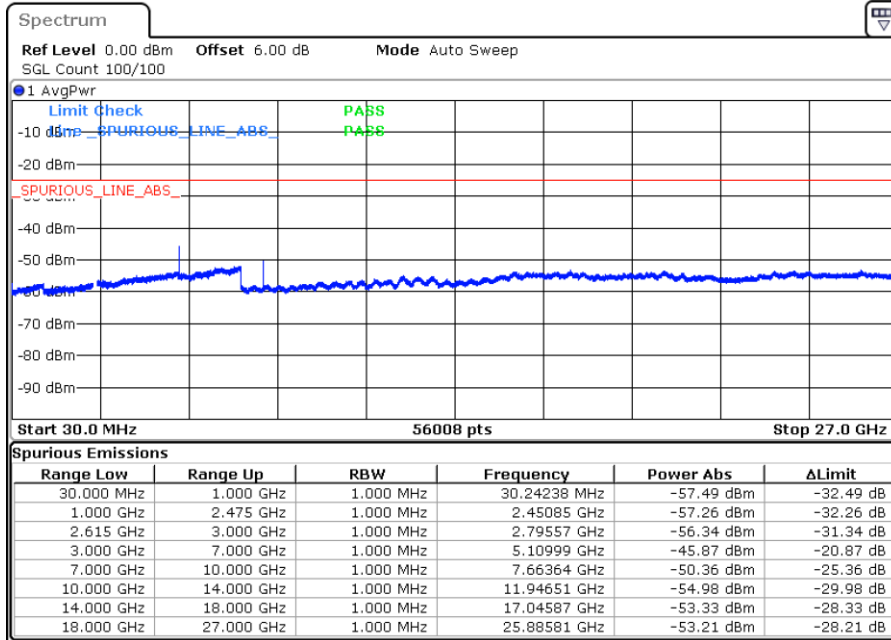
Middle Channel / QPSK



Date: 14 JUN 2022 10:39:46

Date: 14 JUN 2022 10:54:50

Highest Channel / QPSK



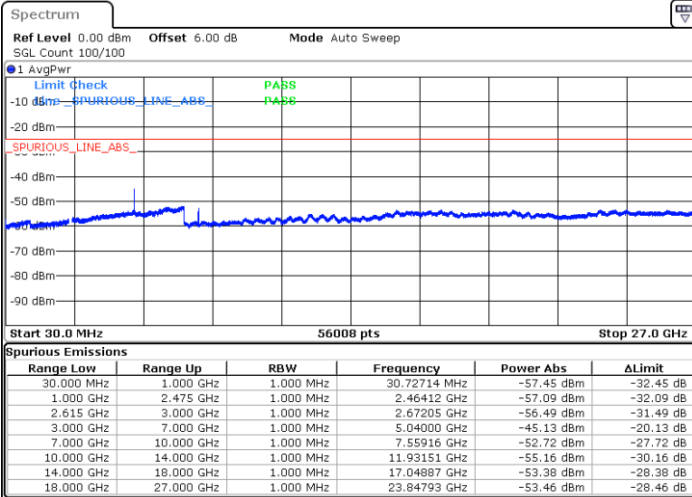
Date: 14 JUN 2022 10:56:44



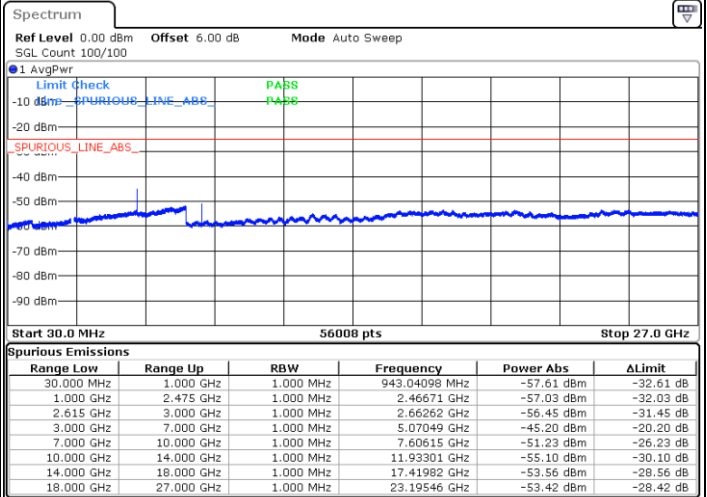
LTE Band 7C /20MHz+20MHz

Lowest Channel / QPSK

Middle Channel / QPSK

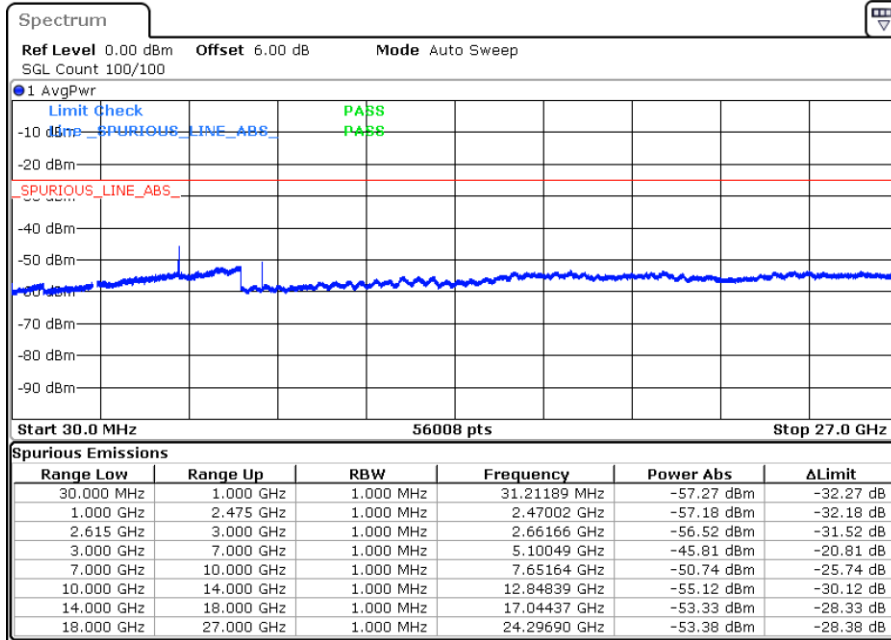


Date: 14 JUN 2022 11:11:44



Date: 14 JUN 2022 11:26:47

Highest Channel / QPSK



Date: 14 JUN 2022 11:28:40



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	0.0022	PASS
40	Normal Voltage	0.0012	
30	Normal Voltage	0.0005	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0021	
0	Normal Voltage	0.0005	
-10	Normal Voltage	0.0005	
-20	Normal Voltage	0.0006	
-30	Normal Voltage	0.0011	
20	Maximum Voltage	0.0005	
20	Normal Voltage	0.0021	
20	Battery End Point	0.0015	

Note:

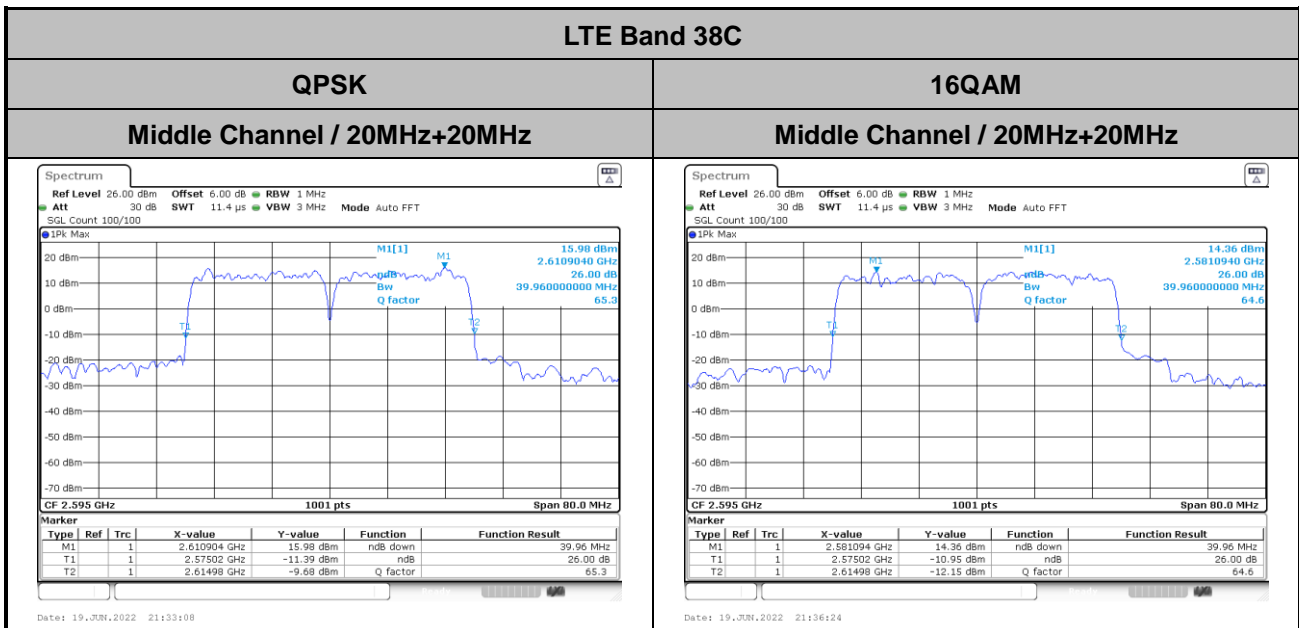
1. Normal Voltage =3.89 V. ; Battery End Point (BEP) =3.4 V. ; Maximum Voltage =4.48 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



# LTE Band 38C

## 26dB Bandwidth

Mode	LTE Band 38C : 26dB BW(MHz)	
Mod.	QPSK	16QAM
BW	20MHz+20MHz	20MHz+20MHz
Middle CH	39.96	39.96

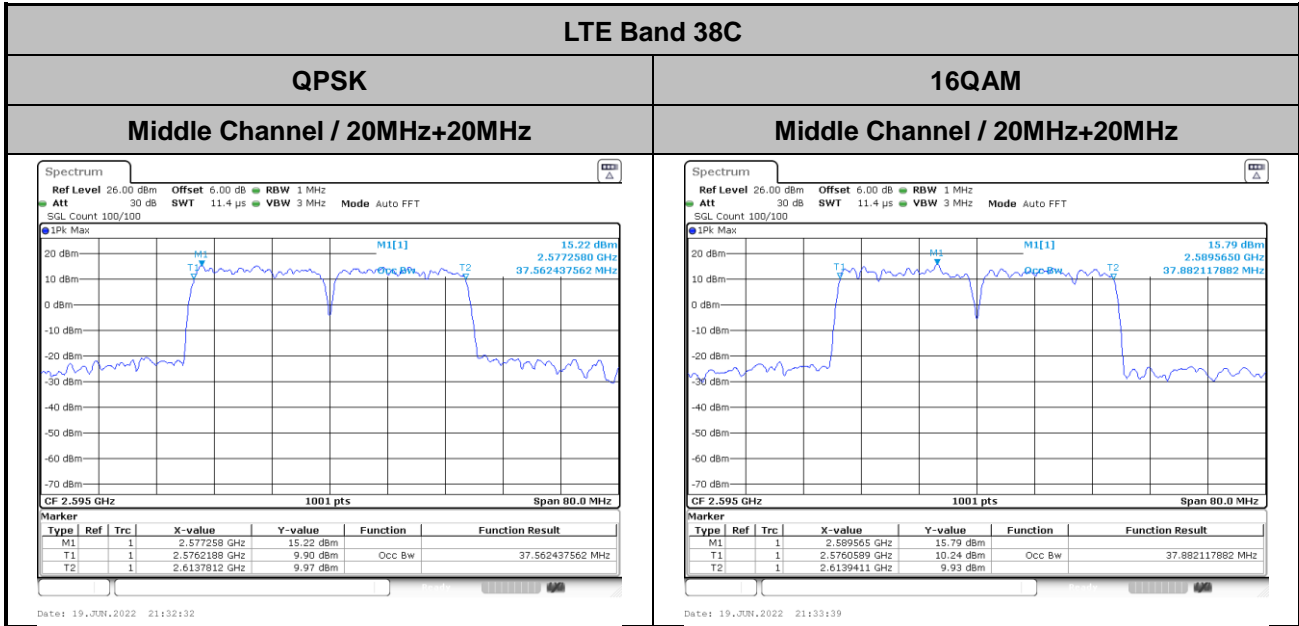






## Occupied Bandwidth

Mode	LTE Band 38C : 99%OBW(MHz)	
Mod.	QPSK	16QAM
BW	20MHz+20MHz	20MHz+20MHz
Middle CH	37.56	37.88

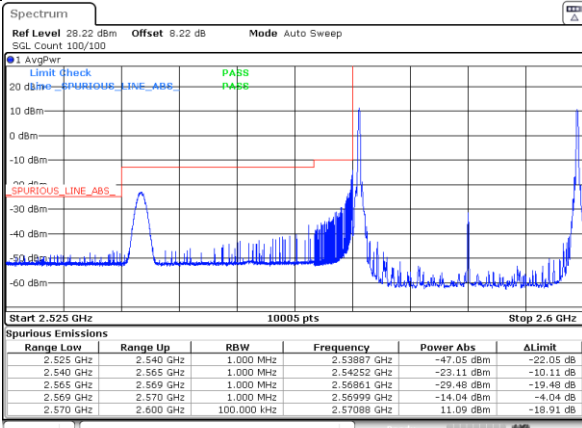




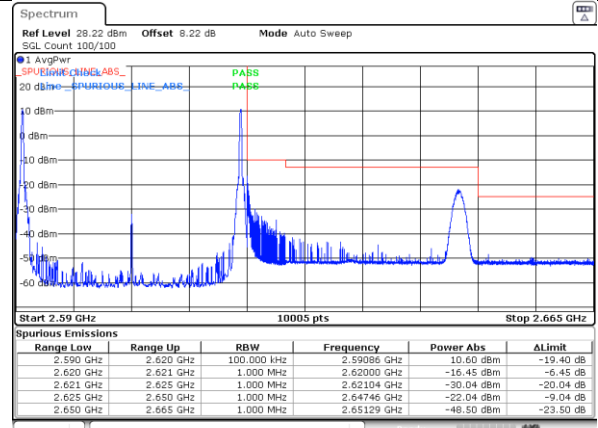
# Conducted Band Edge

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

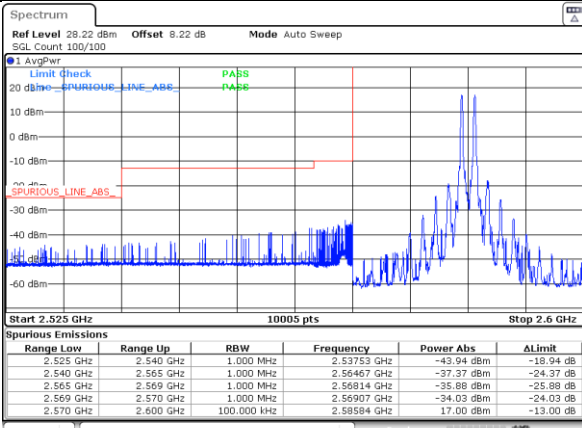
### Lowest Band Edge / 1RB0 and 1RB74



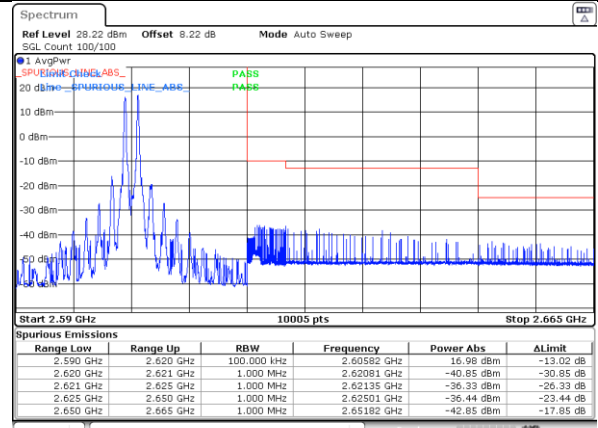
### Highest Band Edge / 1RB0 and 1RB74



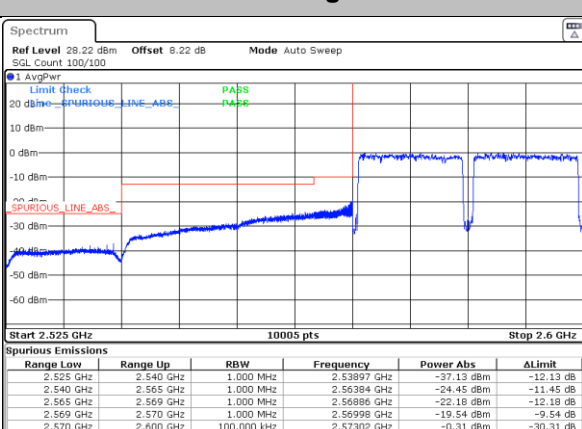
### Lowest Band Edge / 1RB74 and 1RB0



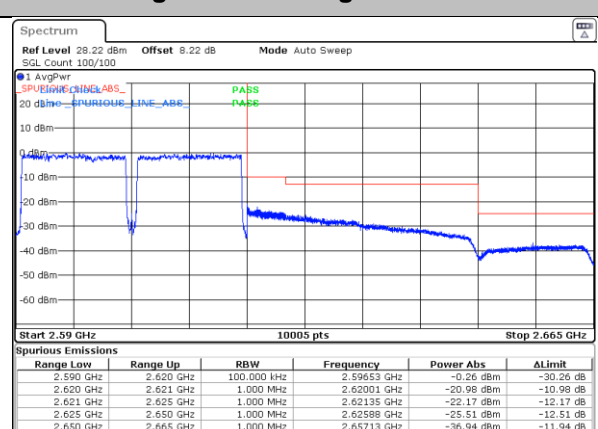
### Highest Band Edge / 1RB74 and 1RB0



### Lowest Band Edge / Full RB



### Highest Band Edge / Full RB

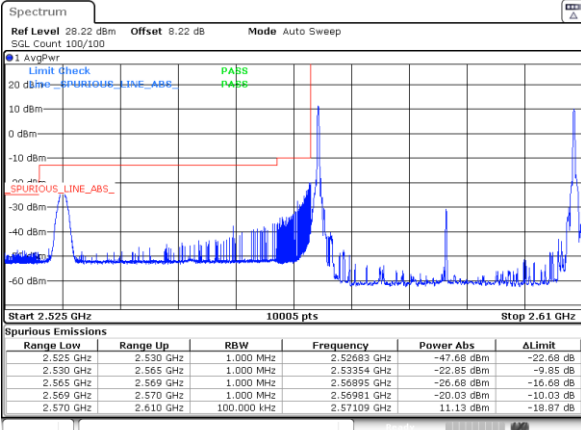




LTE Band 38C / 20MHz+20MHz

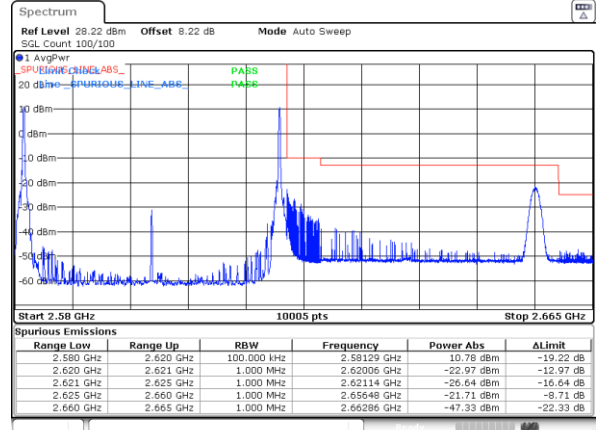
QPSK

Lowest Band Edge / 1RB0 and 1RB9



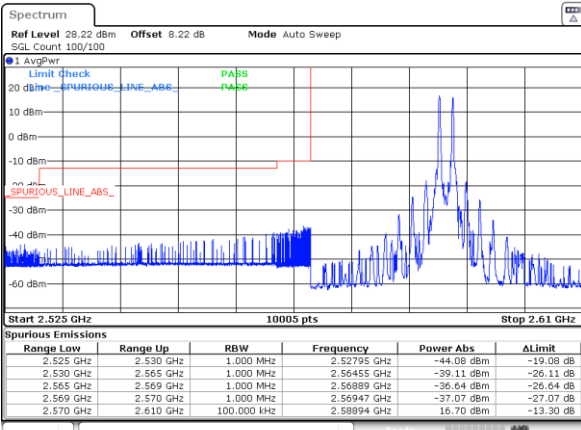
Date: 19\_JUN,2022 21:53:40

Highest Band Edge / 1RB0 and 1RB9



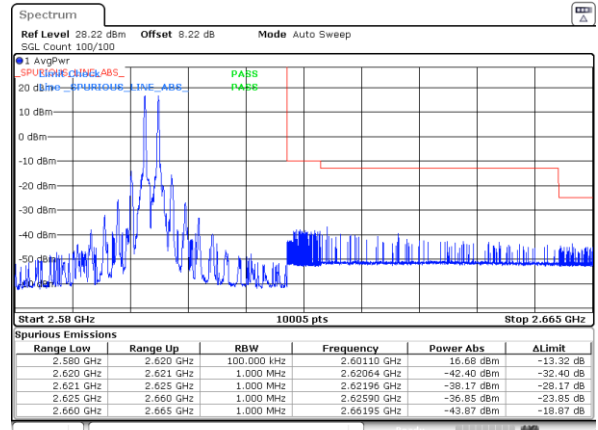
Date: 19\_JUN,2022 22:06:23

Lowest Band Edge / 1RB99 and 1RB0



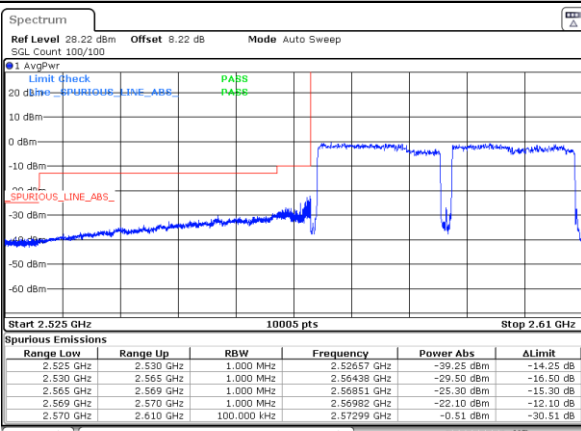
Date: 19\_JUN,2022 21:55:30

Highest Band Edge / 1RB99 and 1RB0



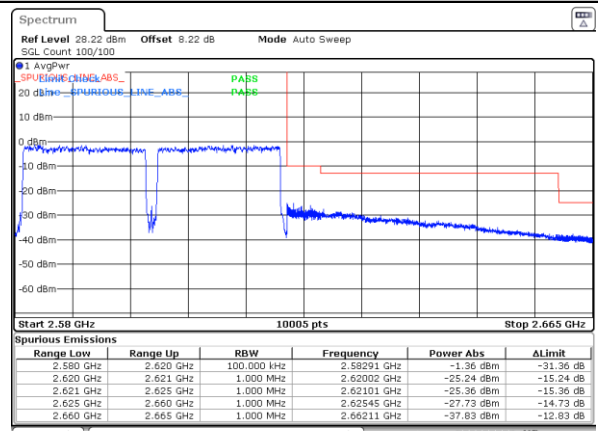
Date: 19\_JUN,2022 22:15:22

Lowest Band Edge / Full RB



Date: 19\_JUN,2022 21:44:31

Highest Band Edge / Full RB



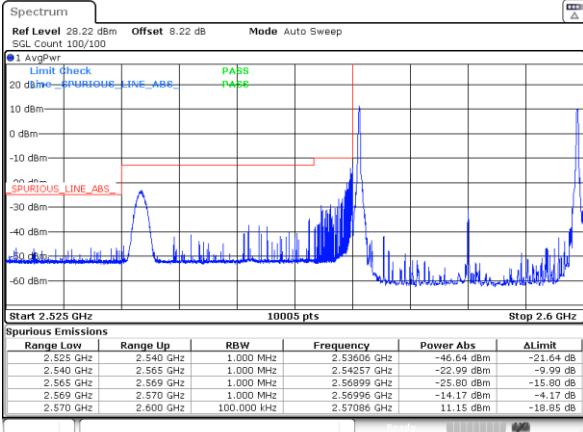
Date: 19\_JUN,2022 22:04:35



LTE Band 38C / 15MHz+15MHz

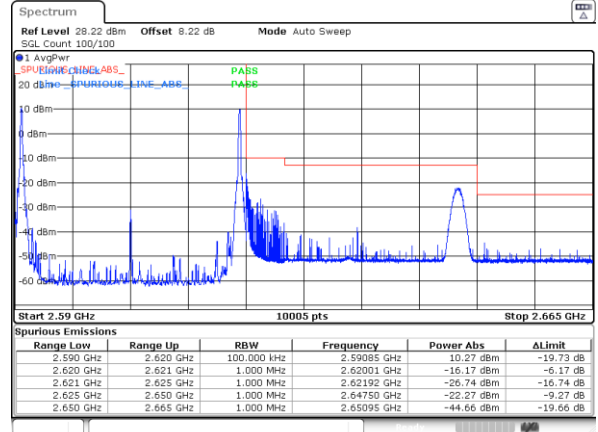
16QAM

Lowest Band Edge / 1RB0 and 1RB74



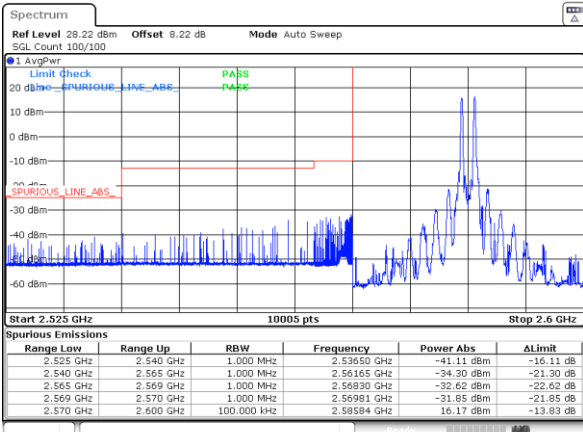
Date: 19 JUN 2022 22:37:06

Highest Band Edge / 1RB0 and 1RB74



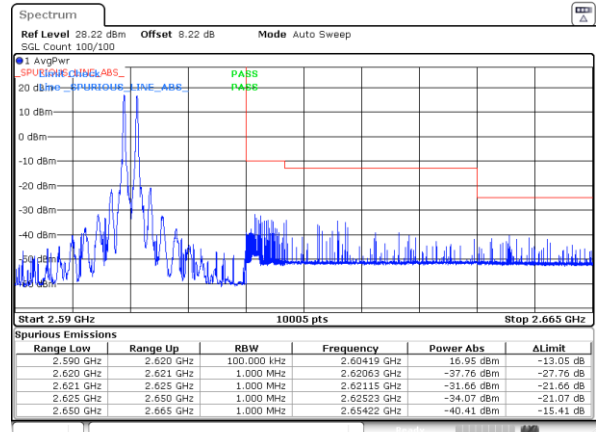
Date: 19 JUN 2022 22:53:24

Lowest Band Edge / 1RB74 and 1RB0



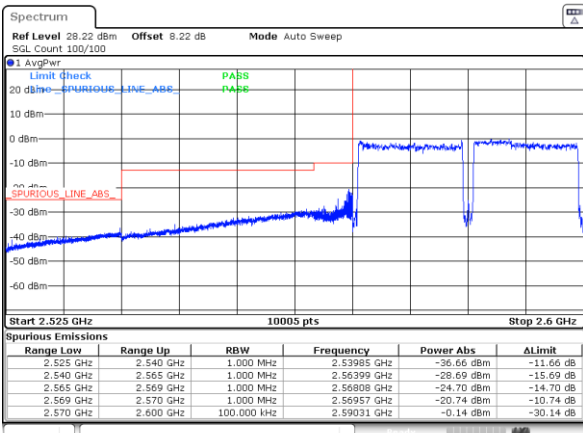
Date: 19 JUN 2022 22:42:34

Highest Band Edge / 1RB74 and 1RB0



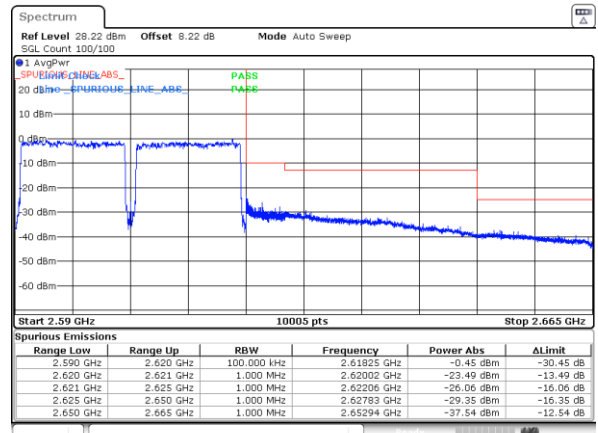
Date: 19 JUN 2022 22:58:47

Lowest Band Edge / Full RB



Date: 19 JUN 2022 22:31:39

Highest Band Edge / Full RB



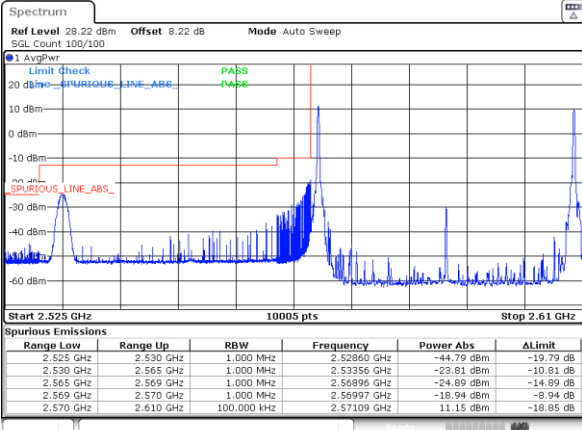
Date: 19 JUN 2022 22:48:01



LTE Band 38C / 20MHz+20MHz

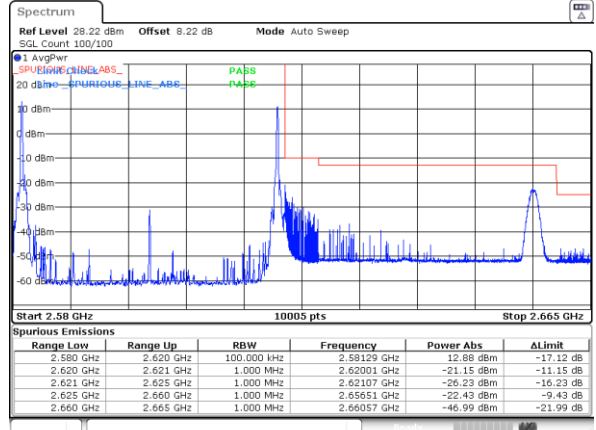
16QAM

Lowest Band Edge / 1RB0 and 1RB9



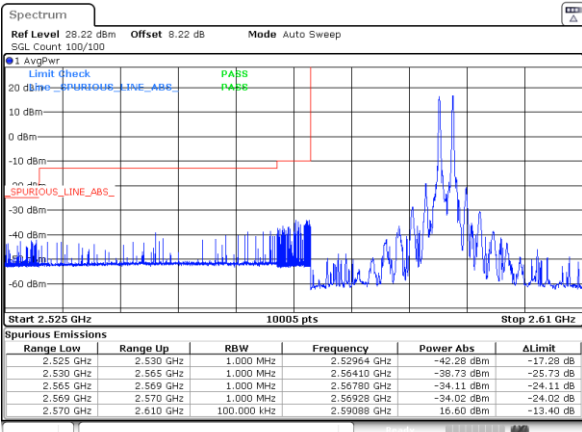
Date: 19\_JUN,2022 21:51:51

Highest Band Edge / 1RB0 and 1RB9



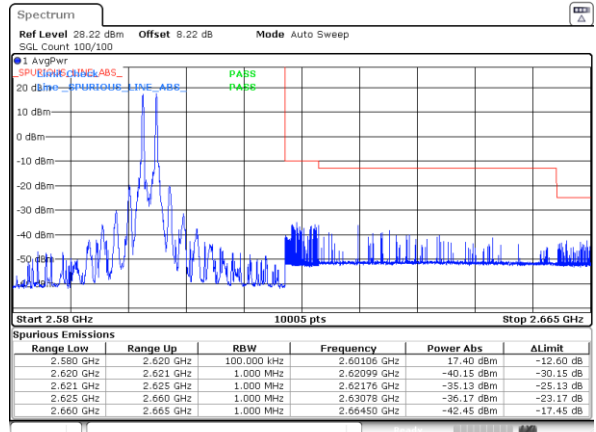
Date: 19\_JUN,2022 22:08:11

Lowest Band Edge / 1RB99 and 1RB0



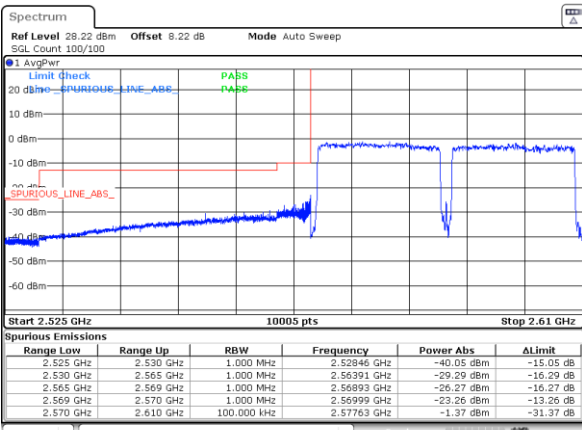
Date: 19\_JUN,2022 21:57:19

Highest Band Edge / 1RB99 and 1RB0



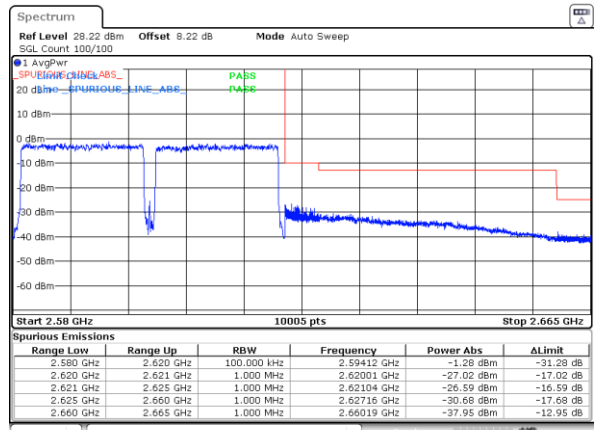
Date: 19\_JUN,2022 22:13:35

Lowest Band Edge / Full RB



Date: 19\_JUN,2022 21:46:21

Highest Band Edge / Full RB



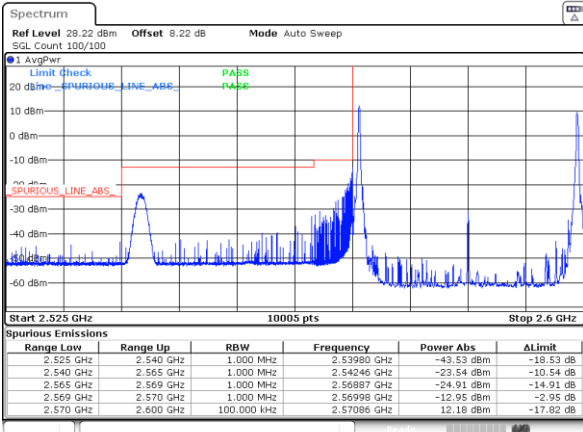
Date: 19\_JUN,2022 22:02:48



LTE Band 38C / 15MHz+15MHz

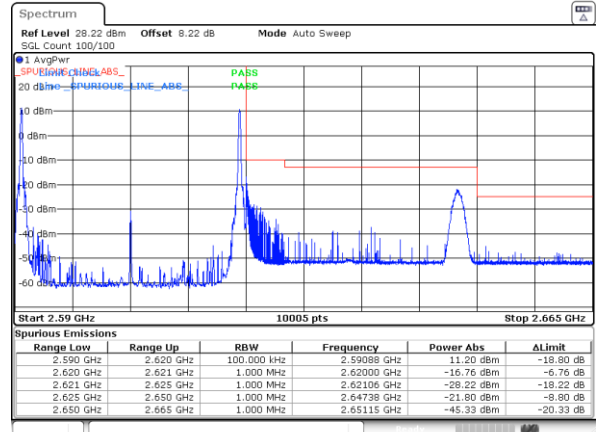
64QAM

Lowest Band Edge / 1RB0 and 1RB74



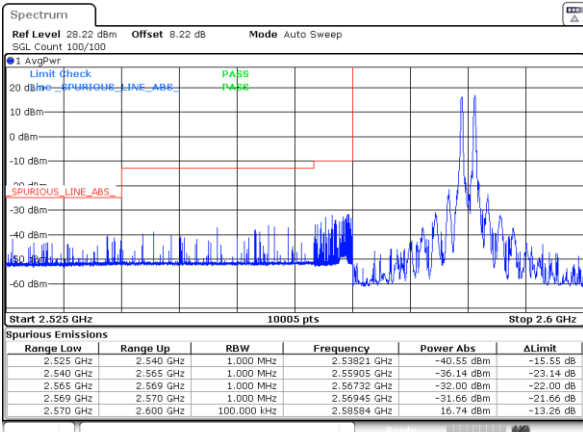
Date: 19\_JUN,2022 22:35:17

Highest Band Edge / 1RB0 and 1RB74



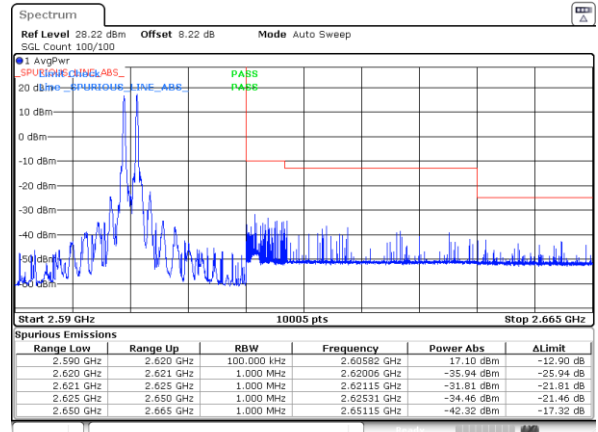
Date: 19\_JUN,2022 22:55:12

Lowest Band Edge / 1RB74 and 1RB0



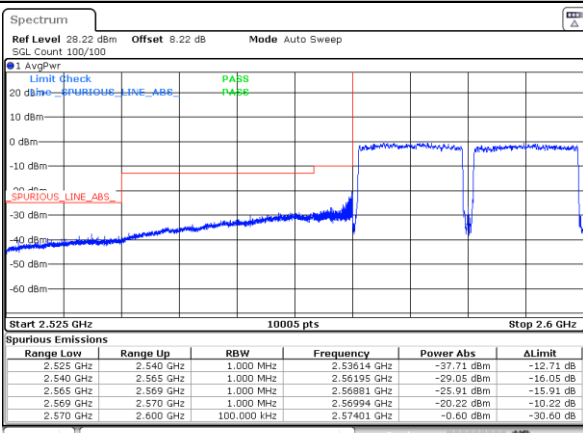
Date: 19\_JUN,2022 22:44:23

Highest Band Edge / 1RB74 and 1RB0



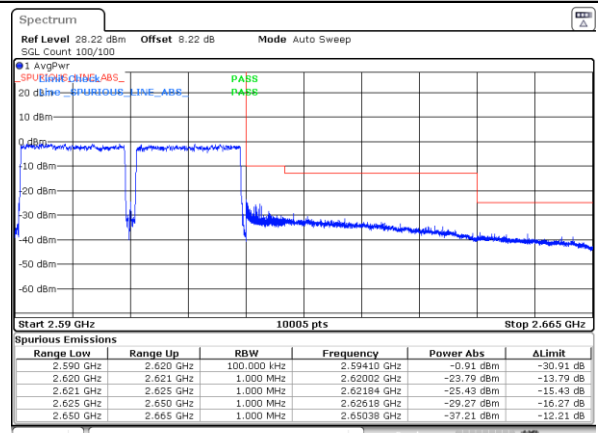
Date: 19\_JUN,2022 22:57:00

Lowest Band Edge / Full RB



Date: 19\_JUN,2022 22:33:28

Highest Band Edge / Full RB



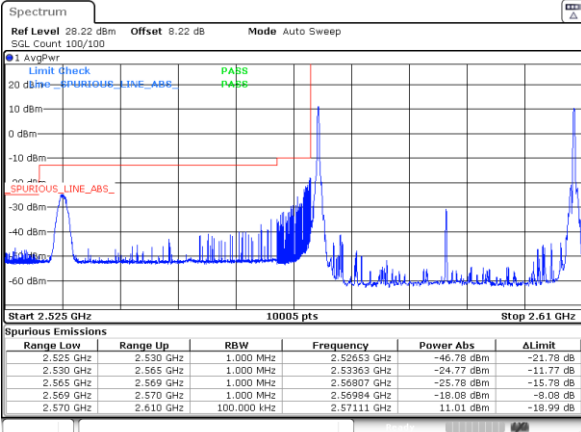
Date: 19\_JUN,2022 22:46:14



LTE Band 38C / 20MHz+20MHz

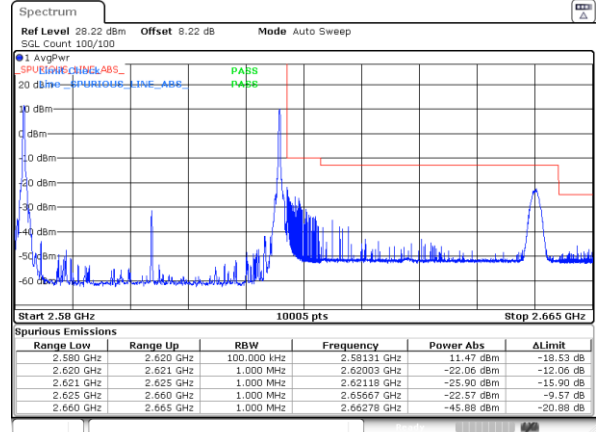
64QAM

Lowest Band Edge / 1RB0 and 1RB9



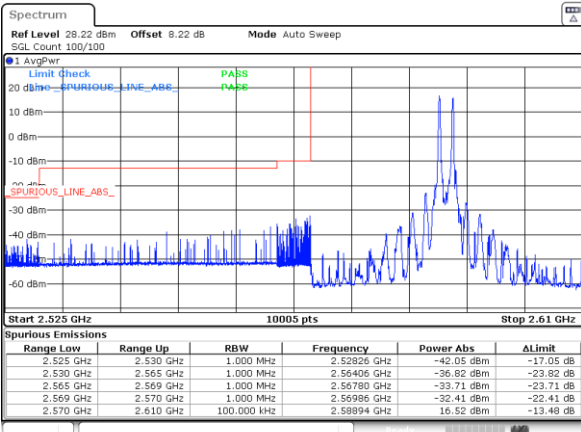
Date: 19\_JUN,2022 21:50:01

Highest Band Edge / 1RB0 and 1RB9



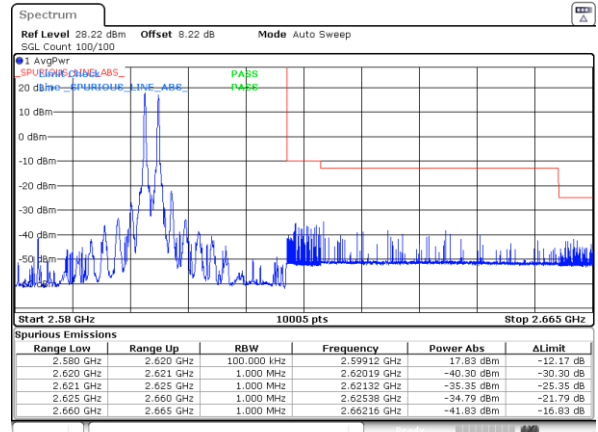
Date: 19\_JUN,2022 22:09:59

Lowest Band Edge / 1RB99 and 1RB0



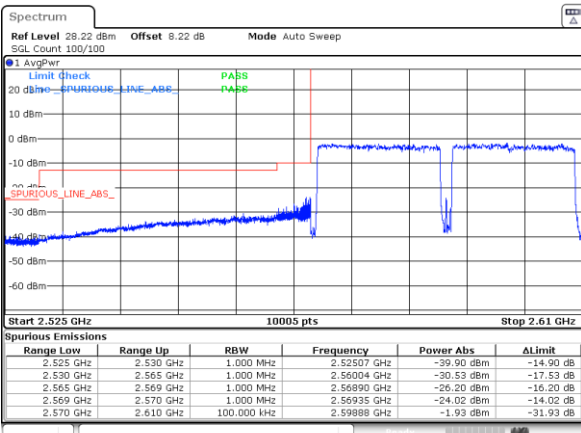
Date: 19\_JUN,2022 21:59:09

Highest Band Edge / 1RB99 and 1RB0



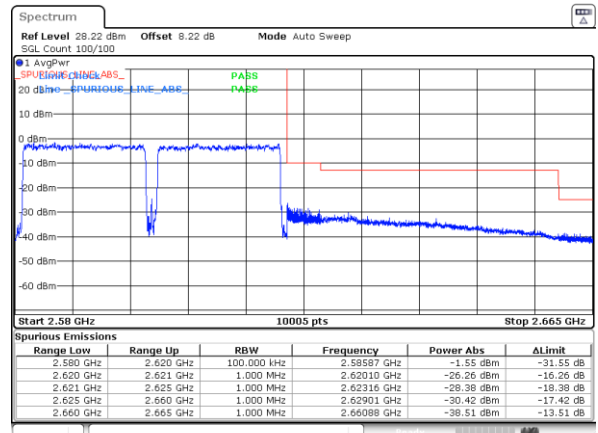
Date: 19\_JUN,2022 22:11:47

Lowest Band Edge / Full RB



Date: 19\_JUN,2022 21:48:11

Highest Band Edge / Full RB



Date: 19\_JUN,2022 22:01:00

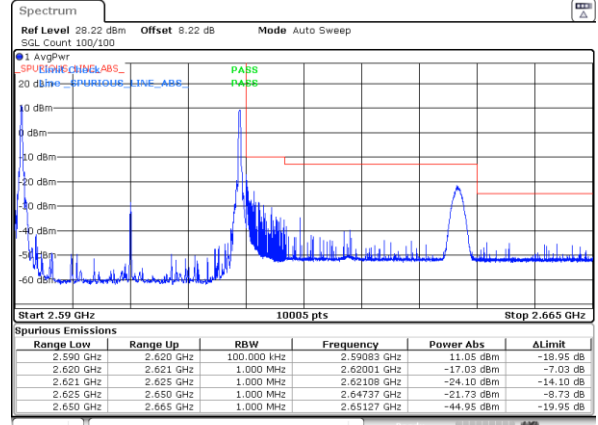
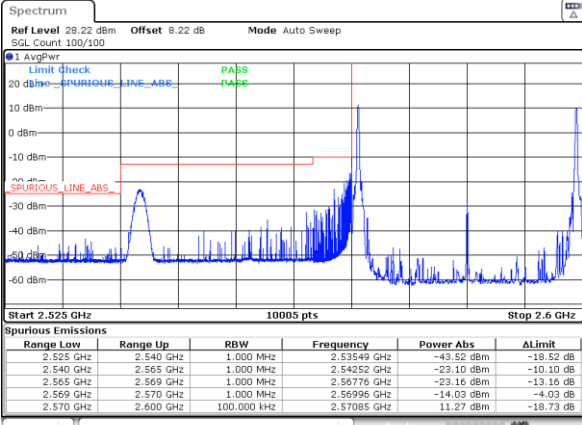


LTE Band 38C / 15MHz+15MHz

256QAM

Lowest Band Edge / 1RB0 and 1RB74

Highest Band Edge / 1RB0 and 1RB74

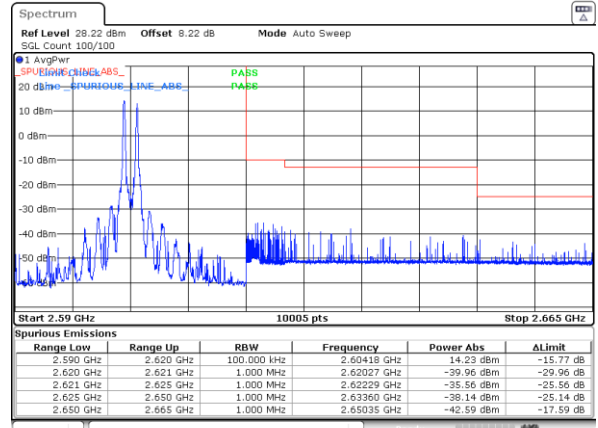
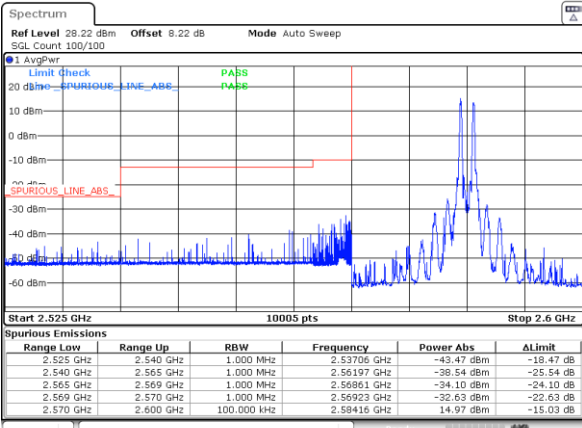


Date: 19\_JUN,2022 23:25:48

Date: 19\_JUN,2022 23:28:21

Lowest Band Edge / 1RB74 and 1RB0

Highest Band Edge / 1RB74 and 1RB0

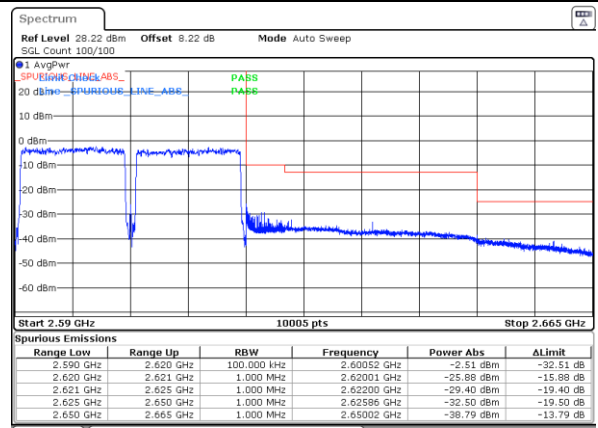
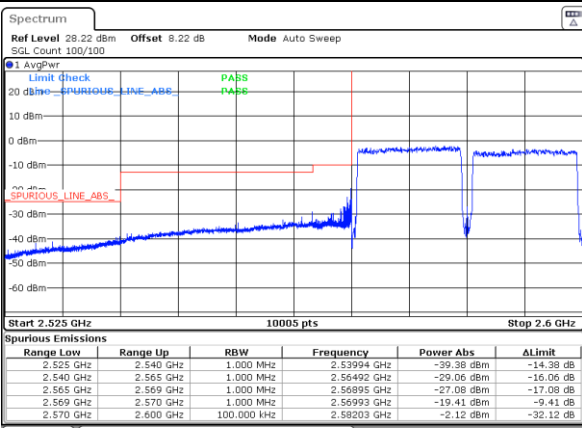


Date: 19\_JUN,2022 23:26:30

Date: 19\_JUN,2022 23:27:34

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 19\_JUN,2022 23:24:47

Date: 19\_JUN,2022 23:29:04