

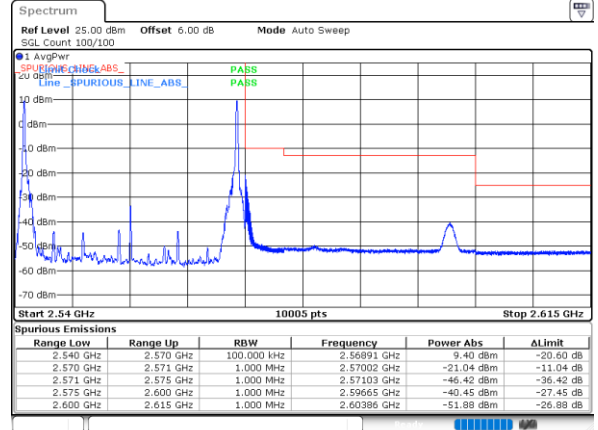
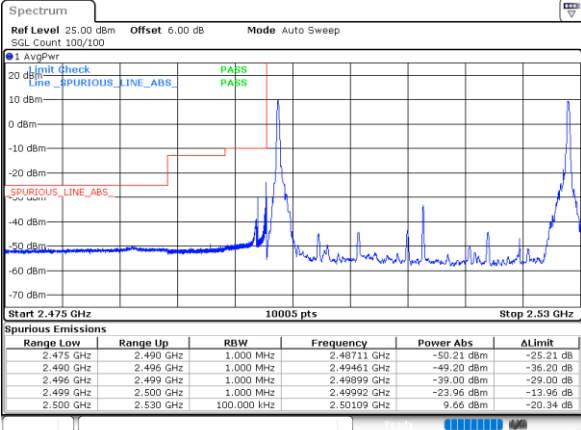


LTE Band 7C / 10MHz+20MHz

64QAM

Lowest Band Edge / 1RB0 and 1RB9

Highest Band Edge / 1RB0 and 1RB9

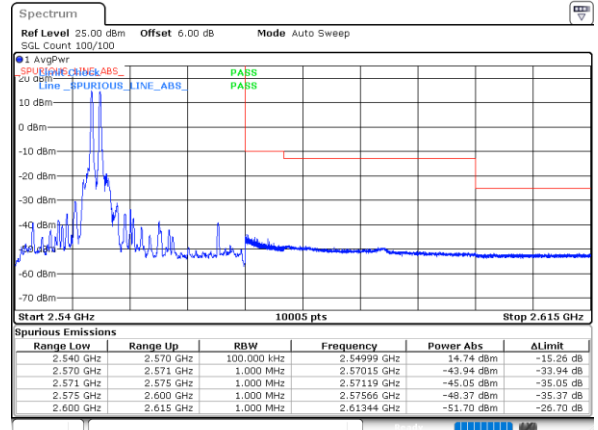
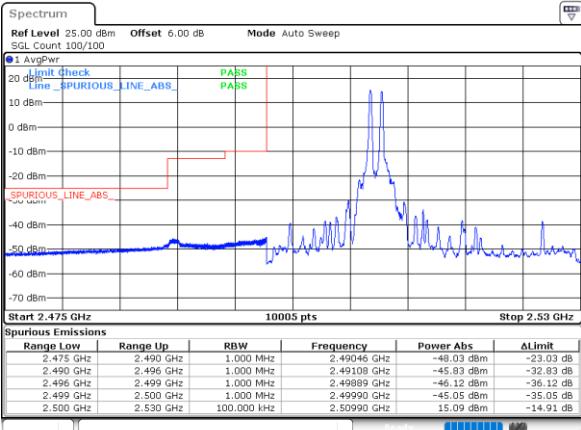


Date: 29\_JAN,2022 09:30:22

Date: 29\_JAN,2022 09:40:44

Lowest Band Edge / 1RB49 and 1RB0

Highest Band Edge / 1RB49 and 1RB0

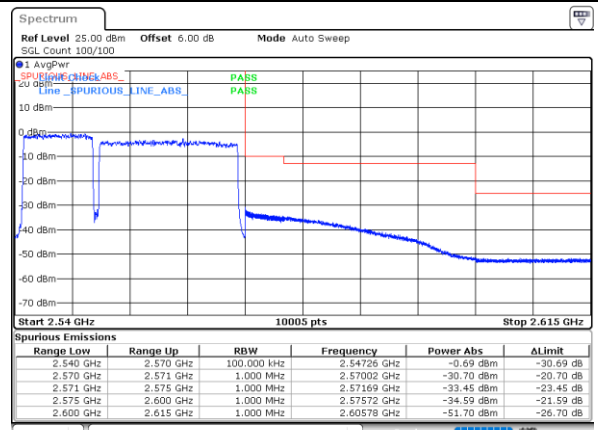
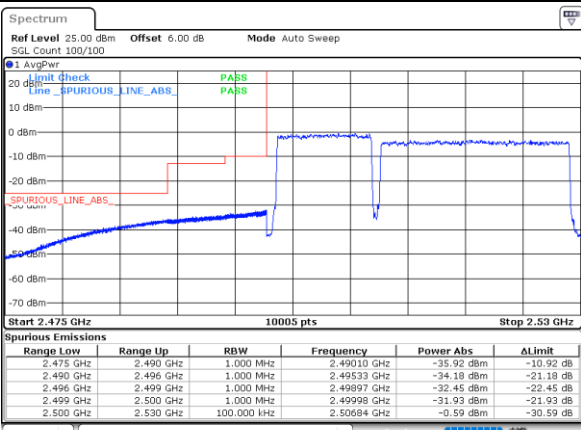


Date: 29\_JAN,2022 09:31:14

Date: 29\_JAN,2022 09:41:37

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 29\_JAN,2022 09:35:36

Date: 29\_JAN,2022 09:45:57

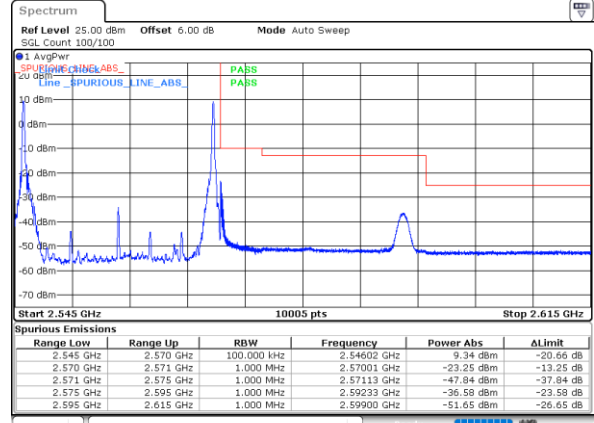
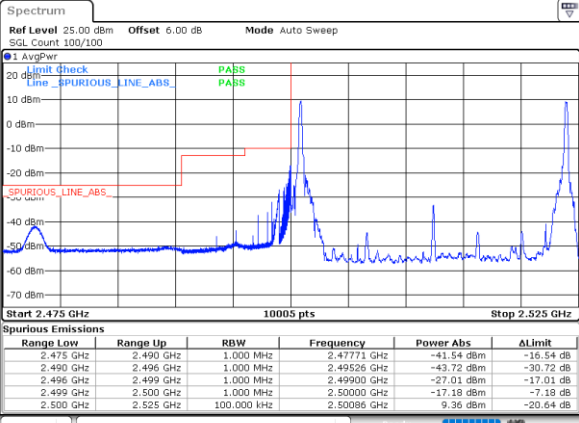


LTE Band 7C / 15MHz+10MHz

64QAM

Lowest Band Edge / 1RB0 and 1RB49

Highest Band Edge / 1RB0 and 1RB49

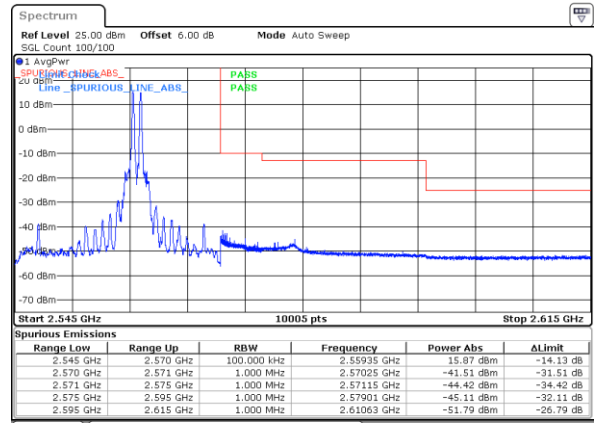
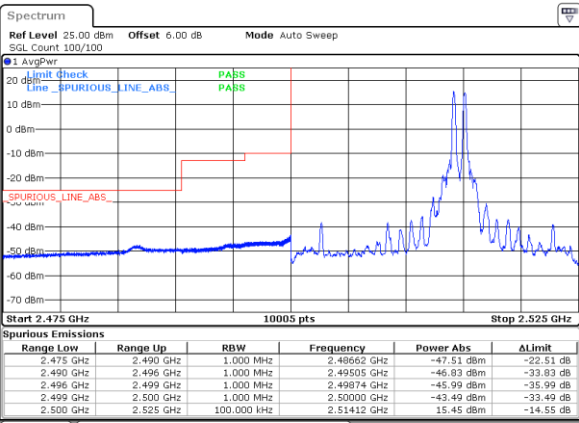


Date: 29\_JAN,2022 10:00:44

Date: 29\_JAN,2022 10:11:09

Lowest Band Edge / 1RB74 and 1RB0

Highest Band Edge / 1RB74 and 1RB0

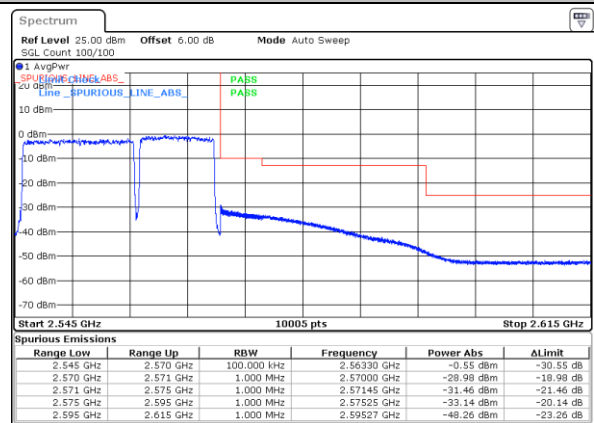
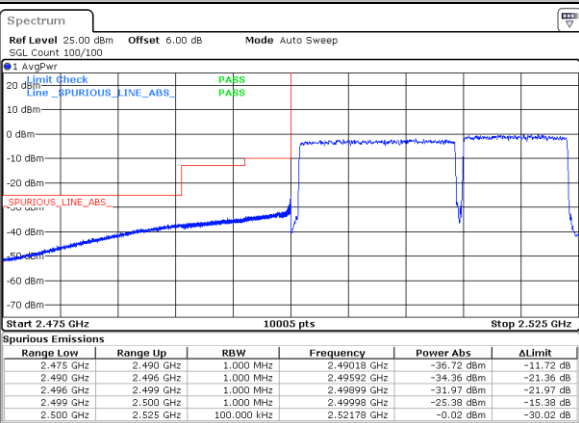


Date: 29\_JAN,2022 10:01:37

Date: 29\_JAN,2022 10:12:01

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 29\_JAN,2022 10:05:59

Date: 29\_JAN,2022 10:16:23

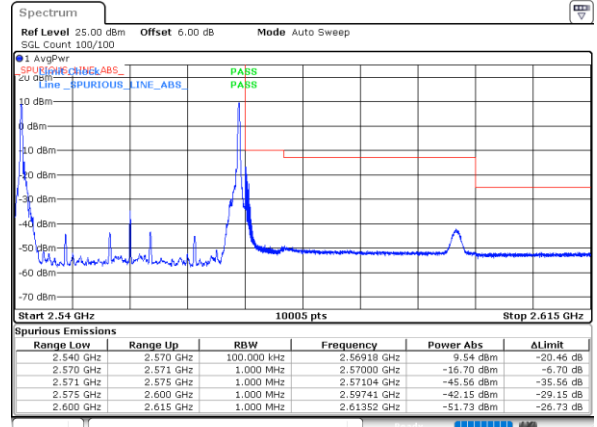
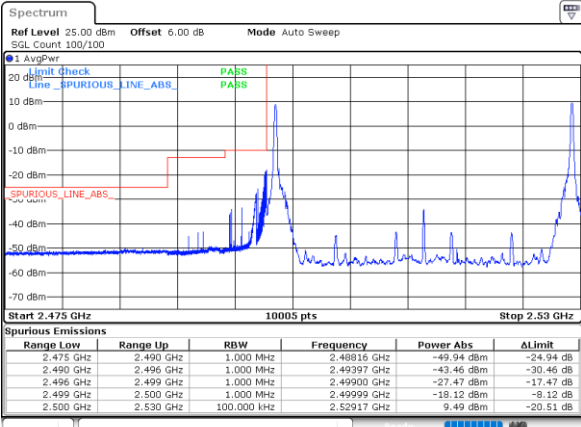


LTE Band 7C / 15MHz+15MHz

64QAM

Lowest Band Edge / 1RB0 and 1RB74

Highest Band Edge / 1RB0 and 1RB74

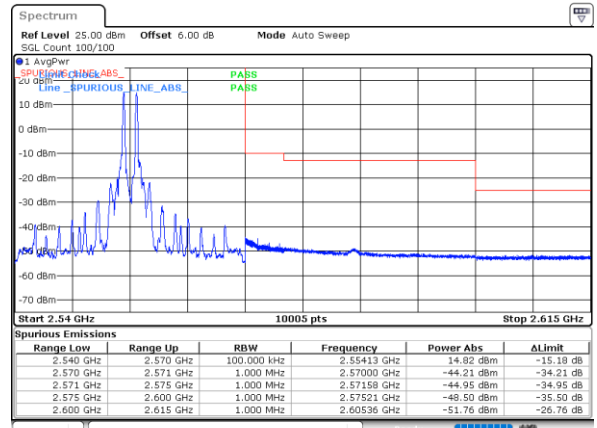
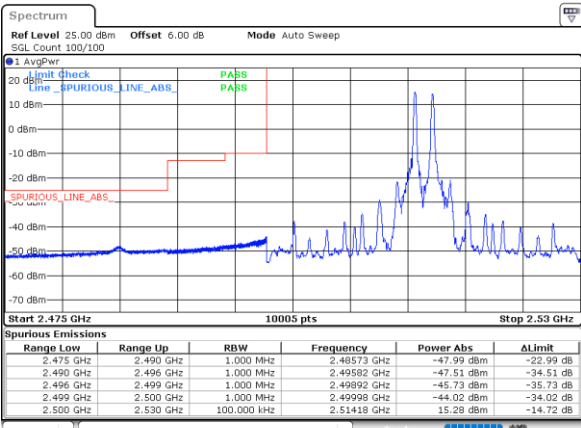


Date: 29\_JAN,2022 10:30:27

Date: 29\_JAN,2022 10:40:51

Lowest Band Edge / 1RB74 and 1RB0

Highest Band Edge / 1RB74 and 1RB0

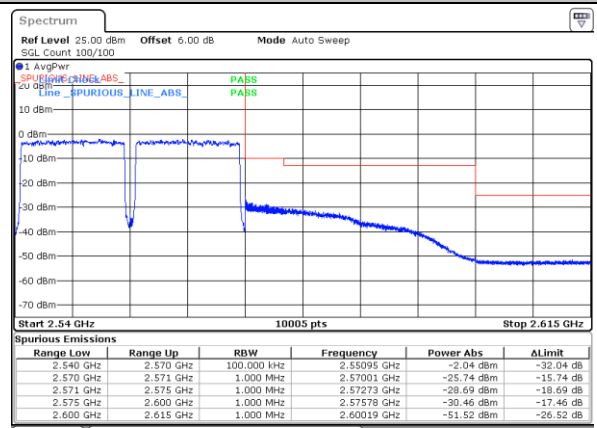
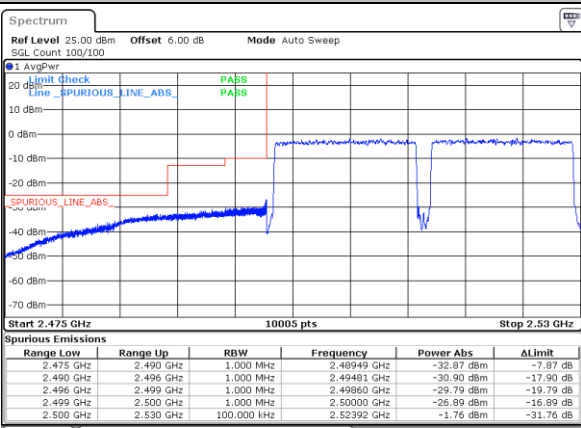


Date: 29\_JAN,2022 10:31:20

Date: 29\_JAN,2022 10:41:43

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 29\_JAN,2022 10:35:42

Date: 29\_JAN,2022 10:46:05

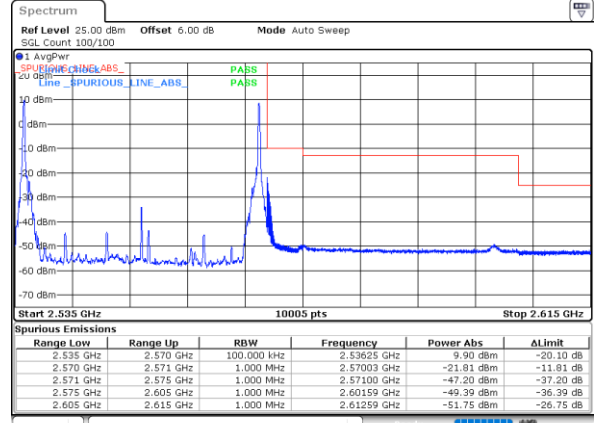
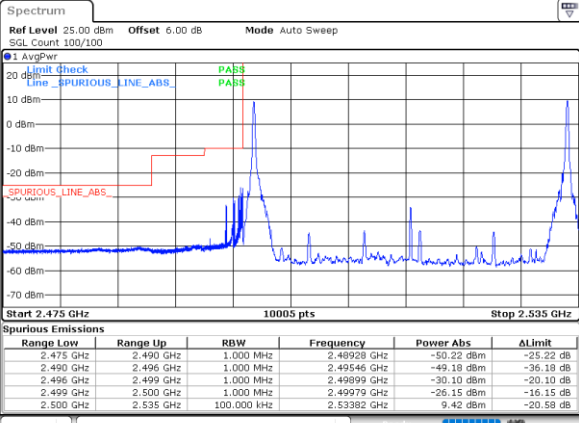


LTE Band 7C / 15MHz+20MHz

64QAM

Lowest Band Edge / 1RB0 and 1RB9

Highest Band Edge / 1RB0 and 1RB9

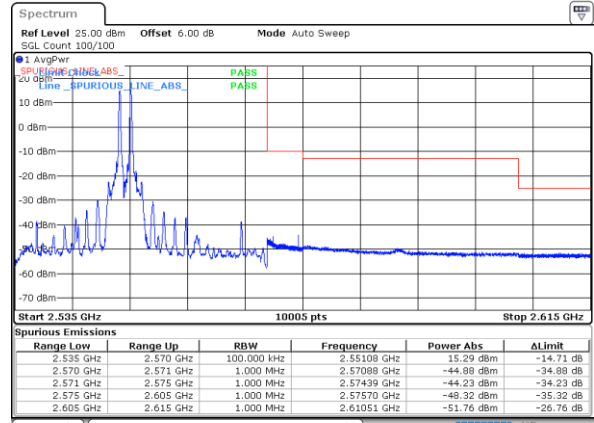
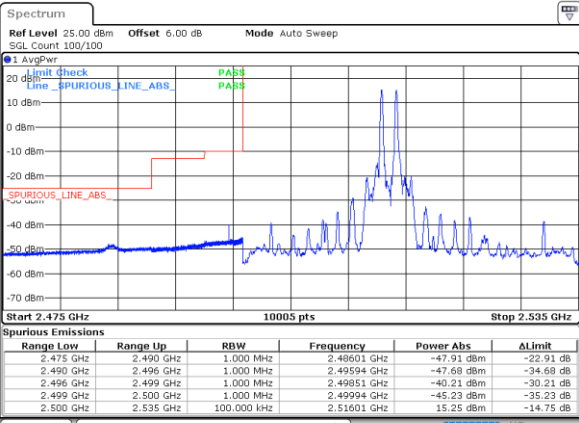


Date: 29\_JAN,2022 11:02:38

Date: 29\_JAN,2022 11:13:03

Lowest Band Edge / 1RB74 and 1RB0

Highest Band Edge / 1RB74 and 1RB0

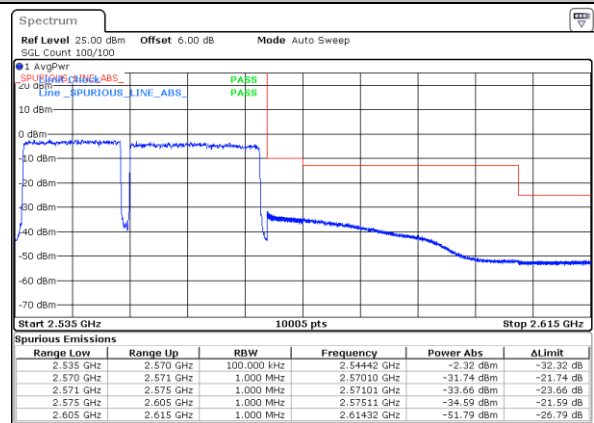
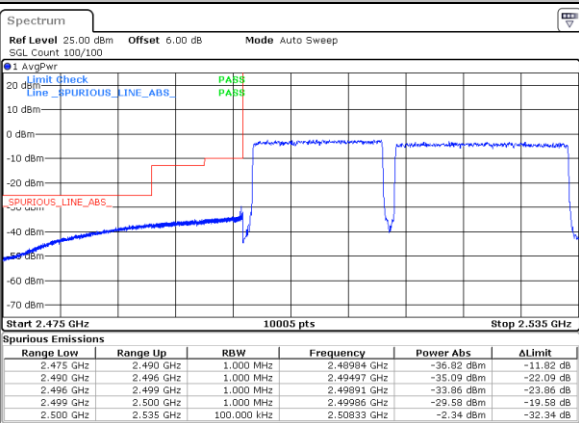


Date: 29\_JAN,2022 11:03:51

Date: 29\_JAN,2022 11:13:55

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 29\_JAN,2022 11:07:53

Date: 29\_JAN,2022 11:18:16

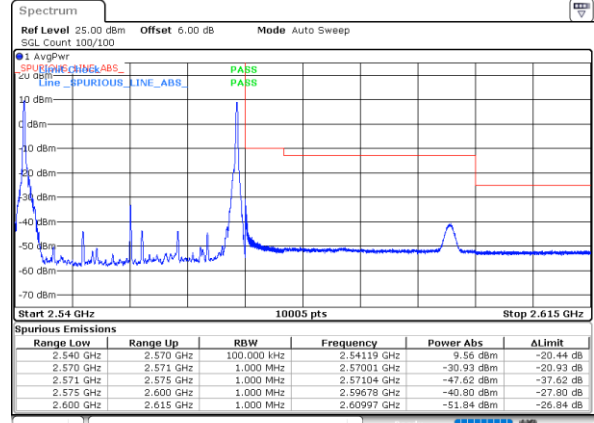
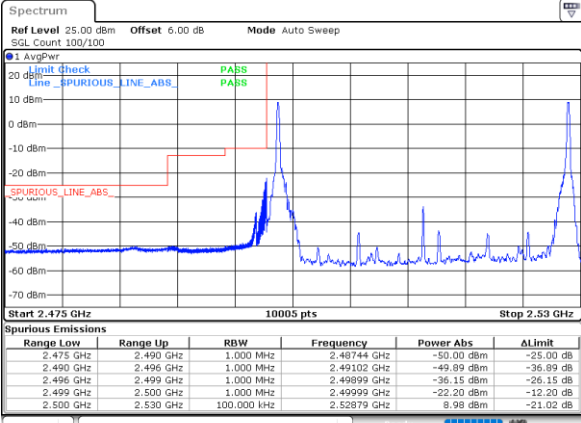


LTE Band 7C /20MHz+10MHz

64QAM

Lowest Band Edge / 1RB0 and 1RB49

Highest Band Edge / 1RB0 and 1RB49

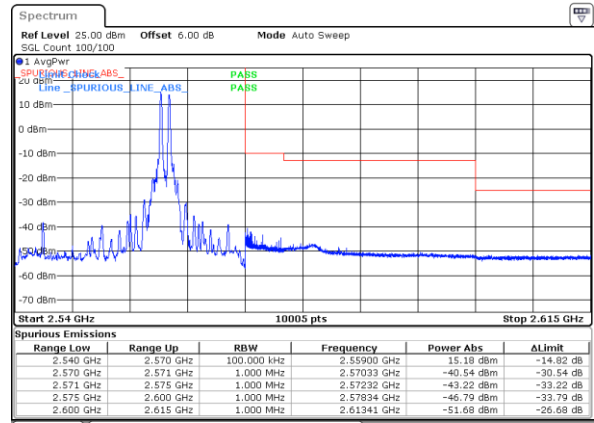
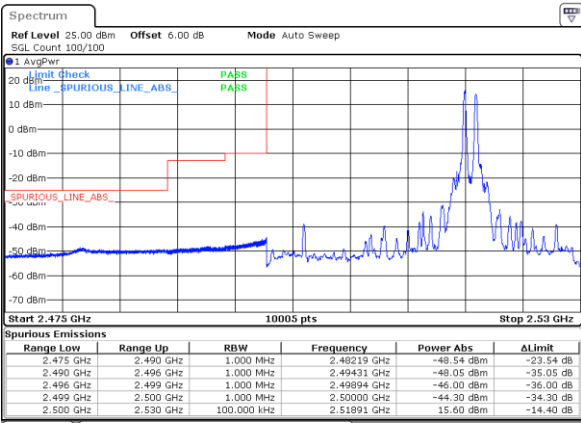


Date: 29\_JAN,2022 11:27:05

Date: 29\_JAN,2022 11:37:30

Lowest Band Edge / 1RB99 and 1RB0

Highest Band Edge / 1RB99 and 1RB0

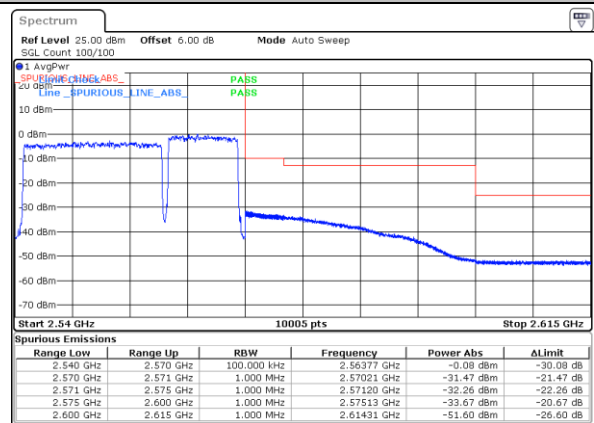
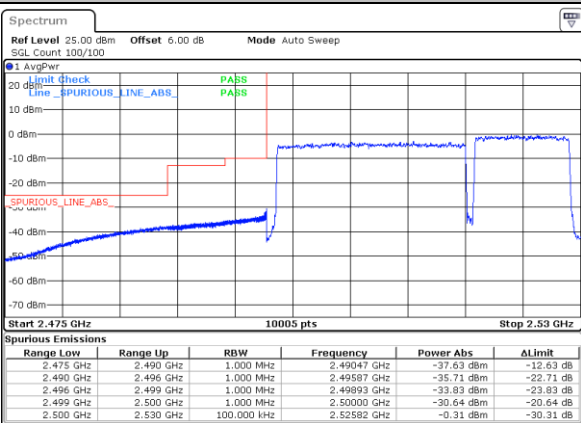


Date: 29\_JAN,2022 11:27:05

Date: 29\_JAN,2022 11:38:23

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 29\_JAN,2022 11:32:21

Date: 29\_JAN,2022 11:42:44

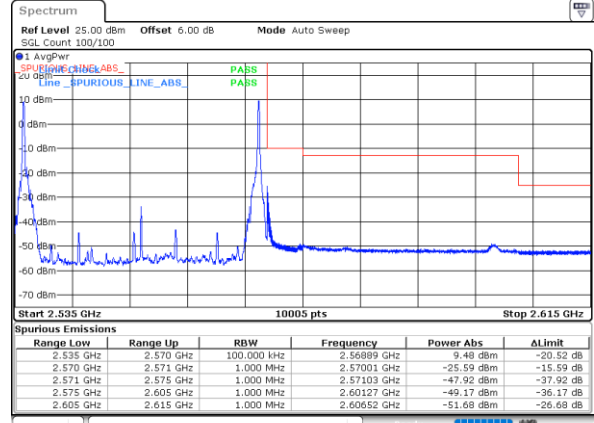
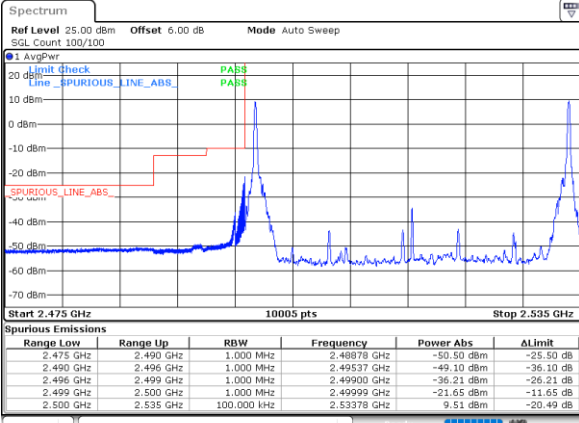


LTE Band 7C /20MHz+15MHz

64QAM

Lowest Band Edge / 1RB0 and 1RB74

Highest Band Edge / 1RB0 and 1RB74

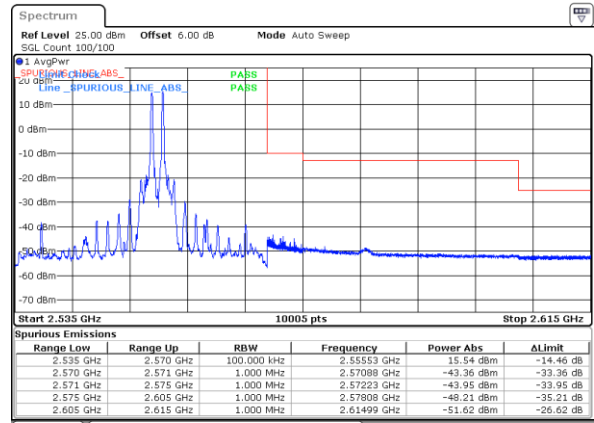
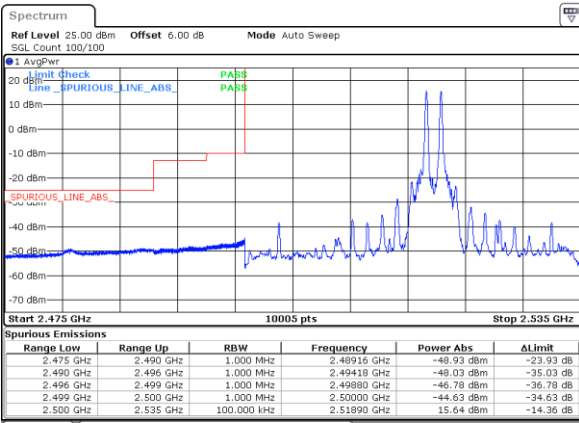


Date: 29\_JAN,2022 11:50:20

Date: 29\_JAN,2022 12:00:43

Lowest Band Edge / 1RB99 and 1RB0

Highest Band Edge / 1RB99 and 1RB0

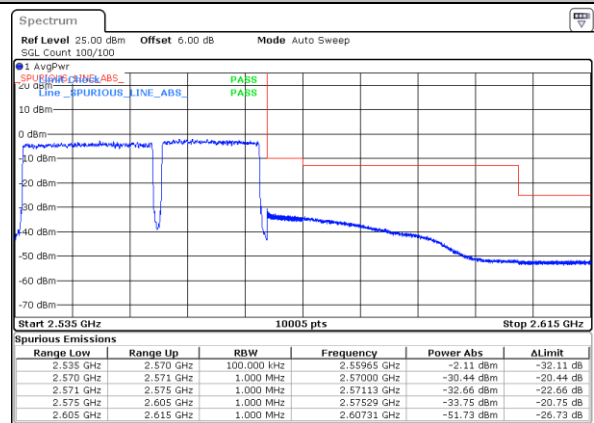
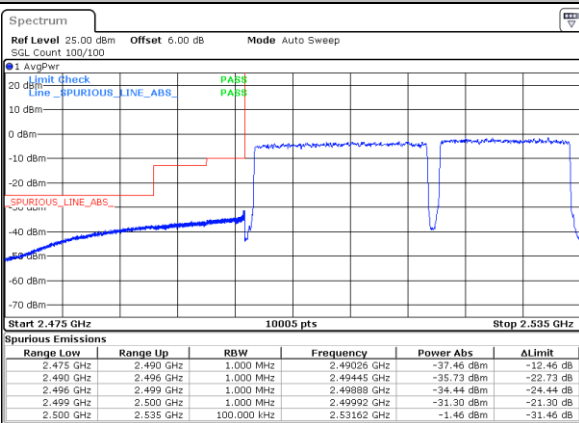


Date: 29\_JAN,2022 11:51:12

Date: 29\_JAN,2022 12:01:35

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 29\_JAN,2022 11:55:34

Date: 29\_JAN,2022 12:05:57

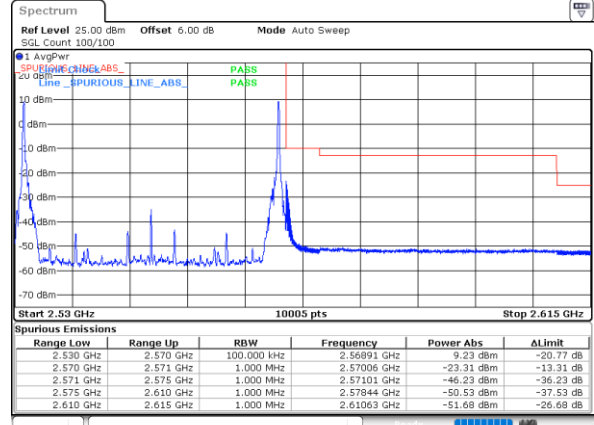
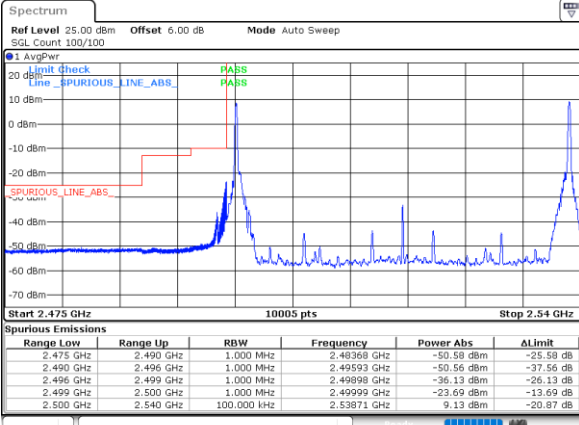


LTE Band 7C /20MHz+20MHz

64QAM

Lowest Band Edge / 1RB0 and 1RB9

Highest Band Edge / 1RB0 and 1RB9

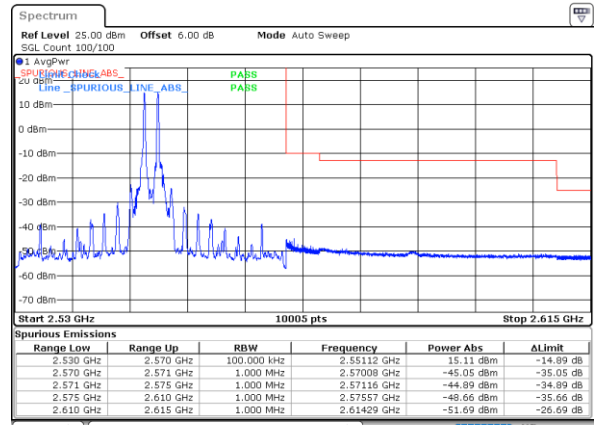
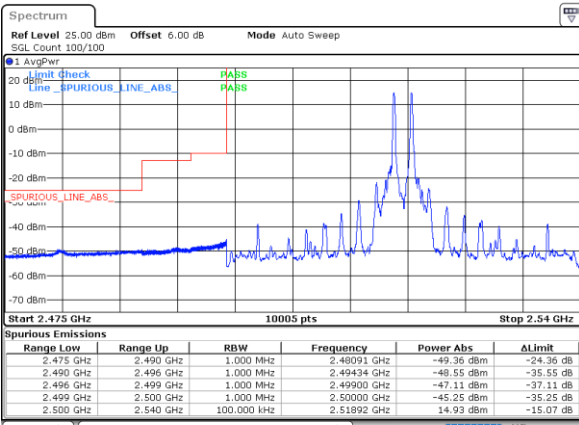


Date: 29\_JAN,2022 12:37:10

Date: 29\_JAN,2022 12:47:54

Lowest Band Edge / 1RB99 and 1RB0

Highest Band Edge / 1RB99 and 1RB0

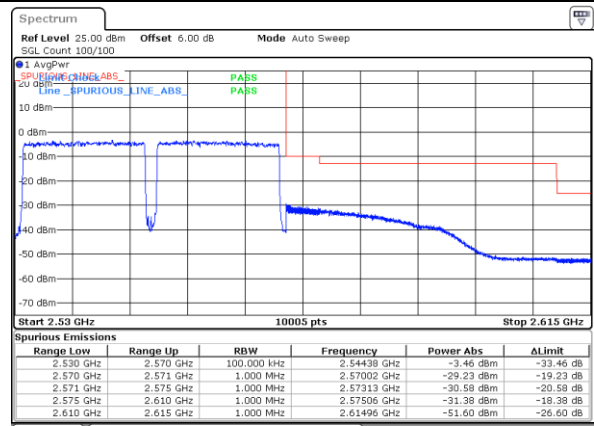
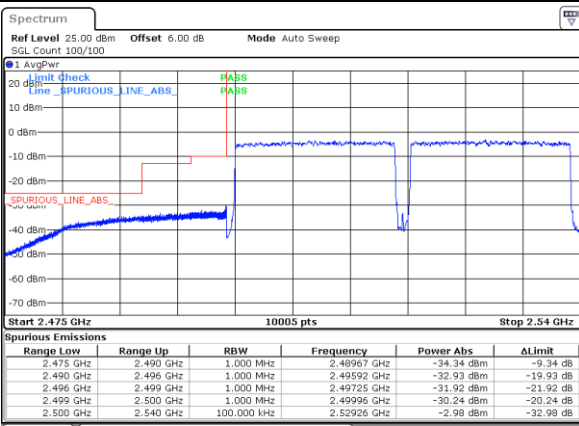


Date: 29\_JAN,2022 12:38:22

Date: 29\_JAN,2022 12:48:47

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 29\_JAN,2022 12:42:45

Date: 29\_JAN,2022 12:53:08

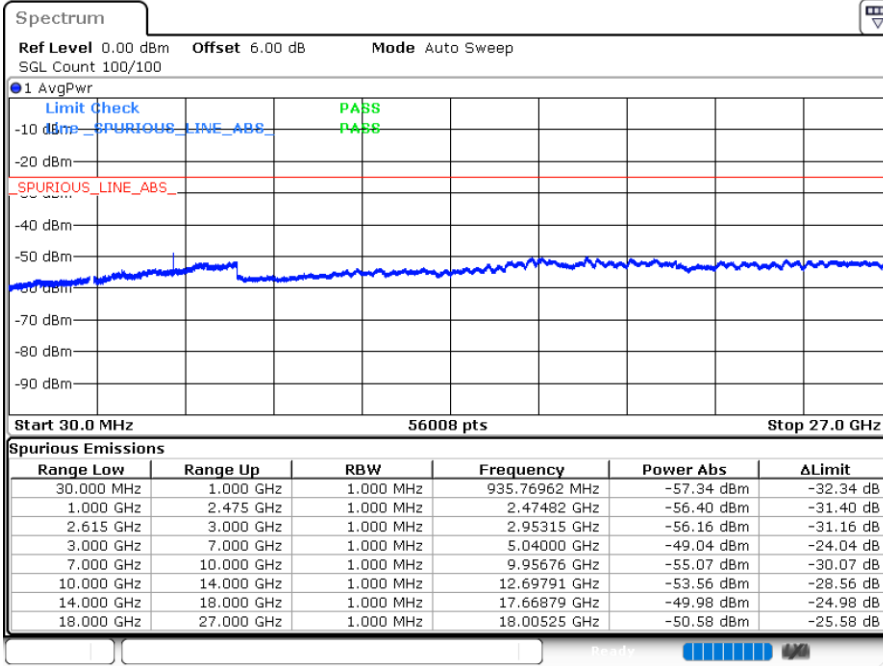


# Conducted Spurious Emission

LTE Band 7C / 20MHz+20MHz

QPSK

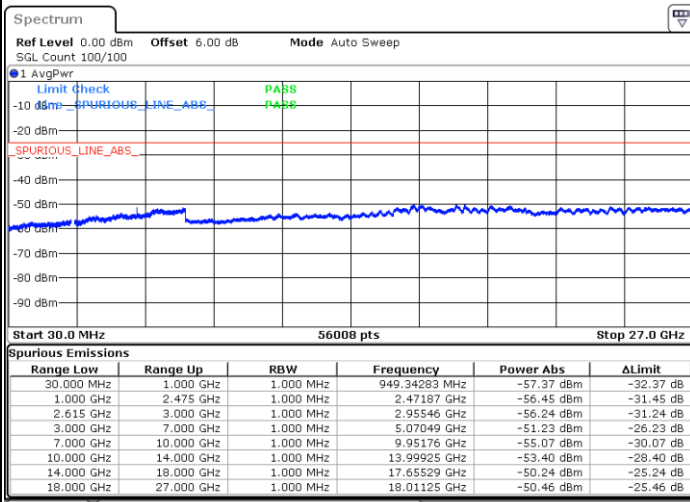
Lowest Channel / 1RB99 and 1RB0



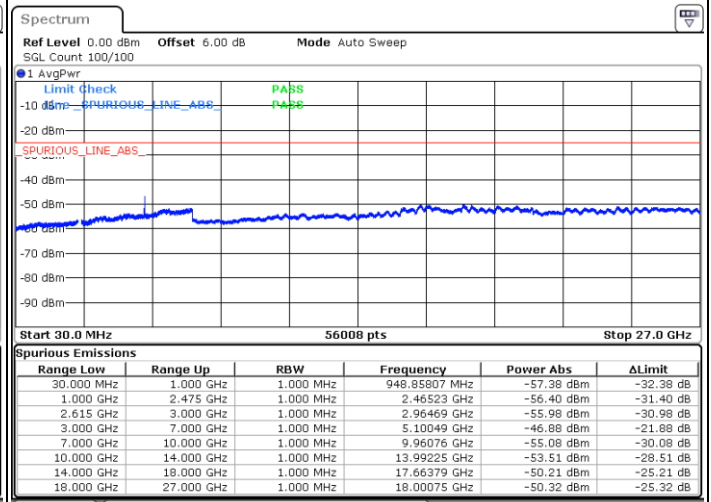
Date: 29.JAN.2022 12:34:52

Middle Channel / 1RB99 and 1RB0

Highest Channel / 1RB99 and 1RB0



Date: 29.JAN.2022 12:44:02



Date: 29.JAN.2022 12:45:18

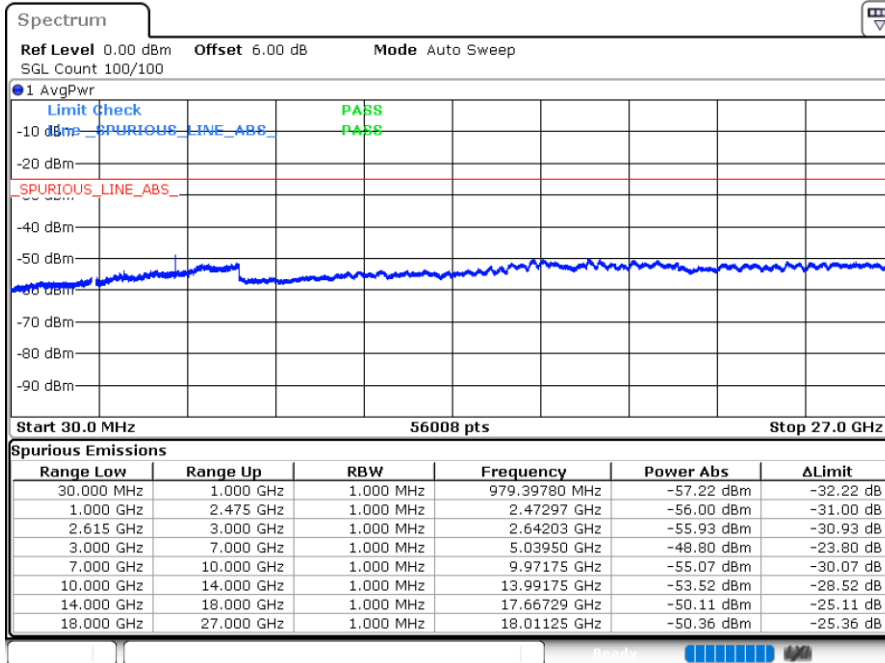




LTE Band 7C /20MHz+15MHz

QPSK

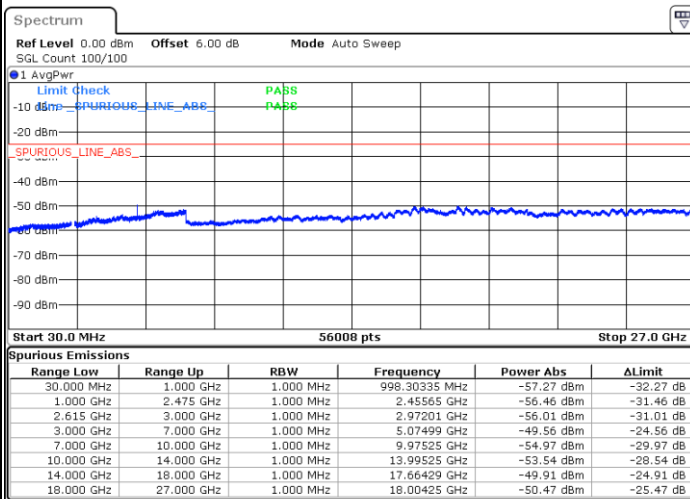
Lowest Channel / 1RB99 and 1RB0



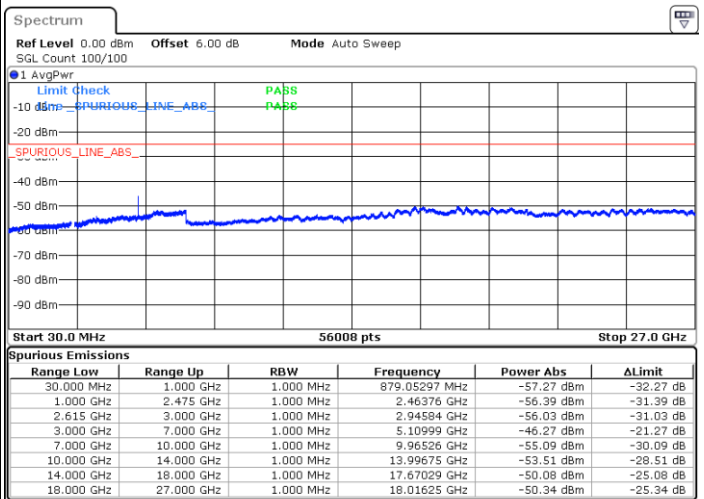
Date: 29.JAN.2022 11:47:42

Middle Channel / 1RB99 and 1RB0

Highest Channel / 1RB99 and 1RB0



Date: 29.JAN.2022 11:56:51



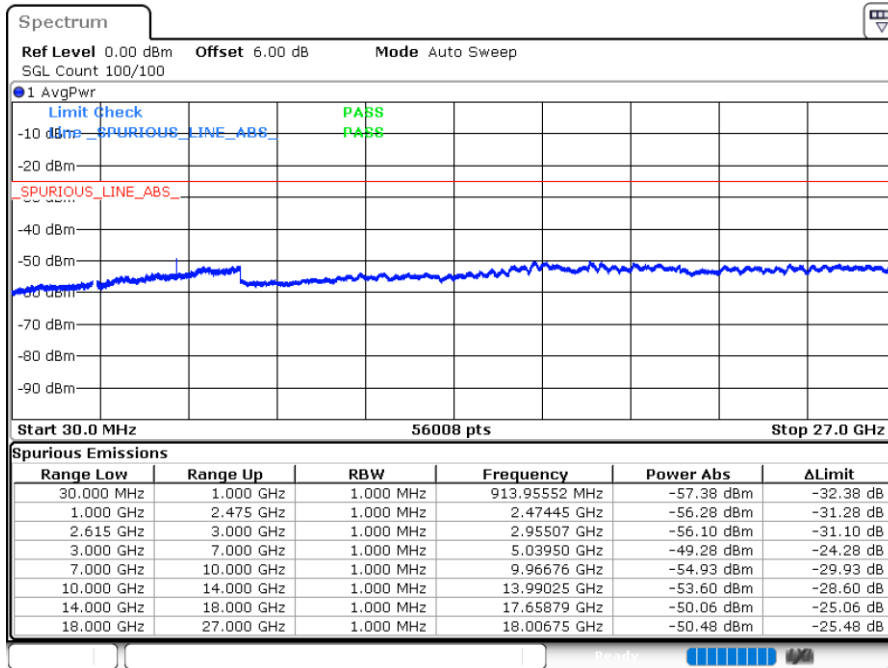
Date: 29.JAN.2022 11:58:07



LTE Band 7C / 20MHz+10MHz

QPSK

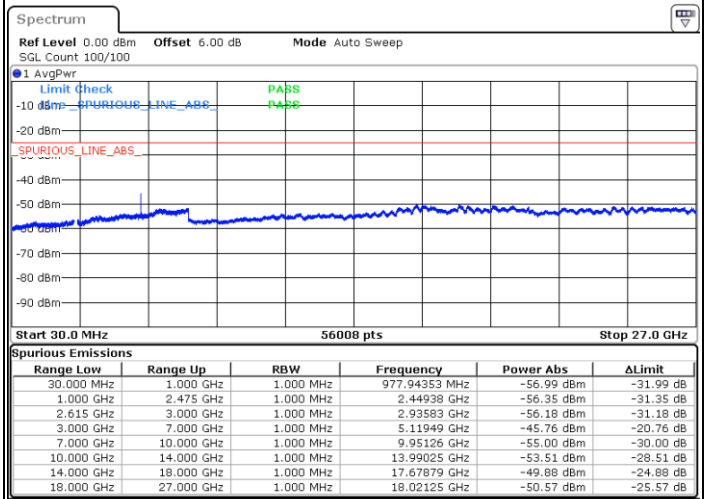
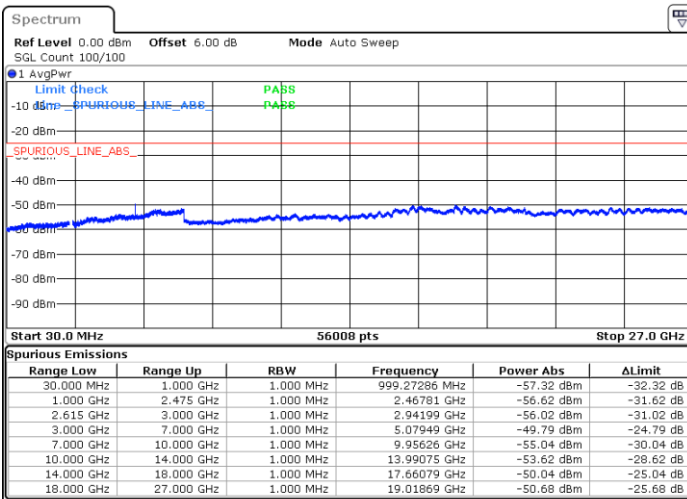
Lowest Channel / 1RB99 and 1RB0



Date: 29.JAN.2022 11:24:28

Middle Channel / 1RB99 and 1RB0

Highest Channel / 1RB99 and 1RB0



Date: 29.JAN.2022 11:33:38

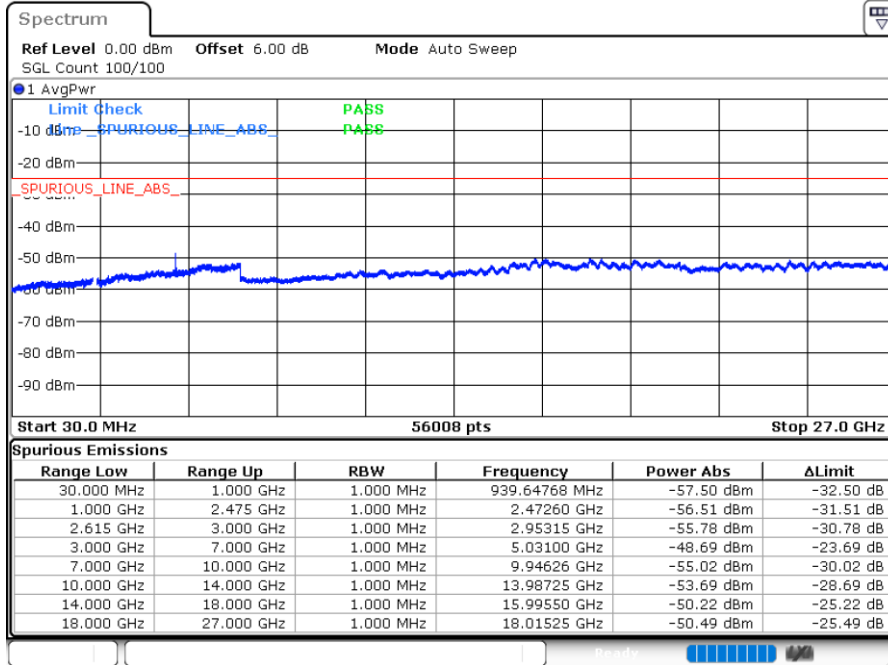
Date: 29.JAN.2022 11:34:54



LTE Band 7C / 15MHz+20MHz

QPSK

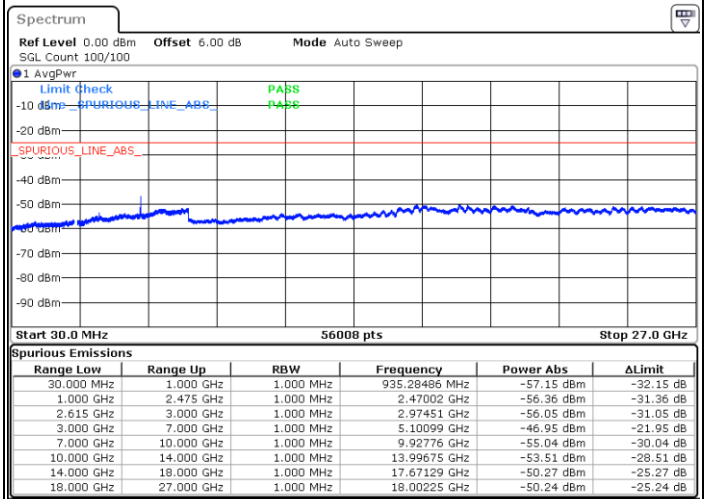
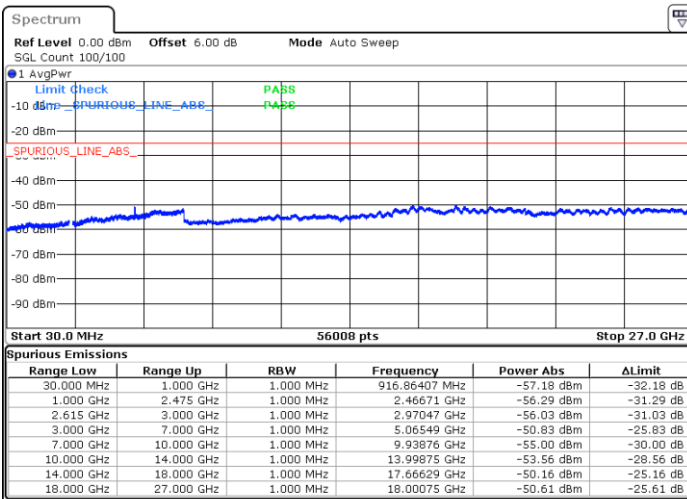
Lowest Channel / 1RB74 and 1RB0



Date: 29.JAN.2022 11:00:01

Middle Channel / 1RB74 and 1RB0

Highest Channel / 1RB74 and 1RB0



Date: 29.JAN.2022 11:09:10

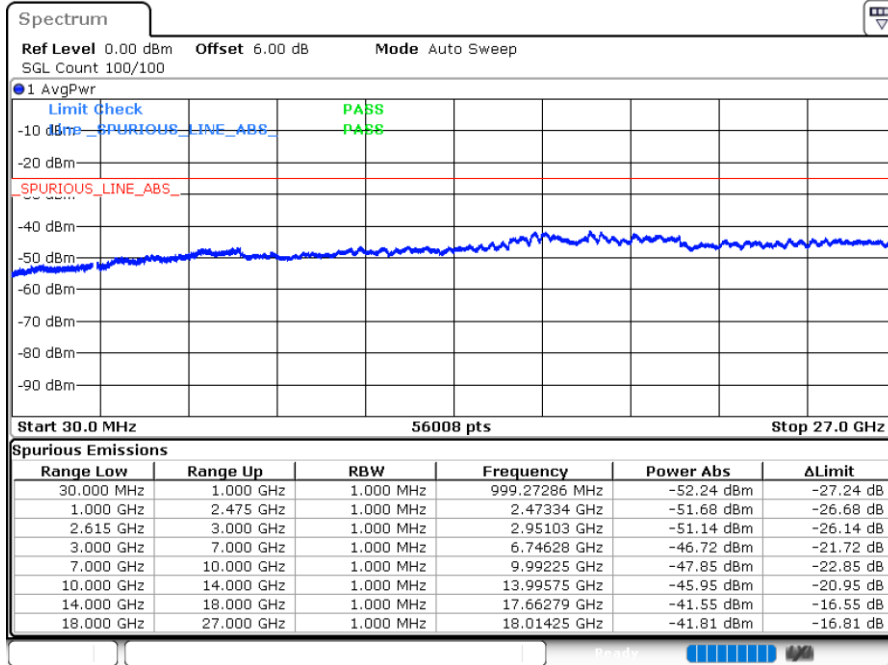
Date: 29.JAN.2022 11:10:26



LTE Band 7C / 15MHz+15MHz

QPSK

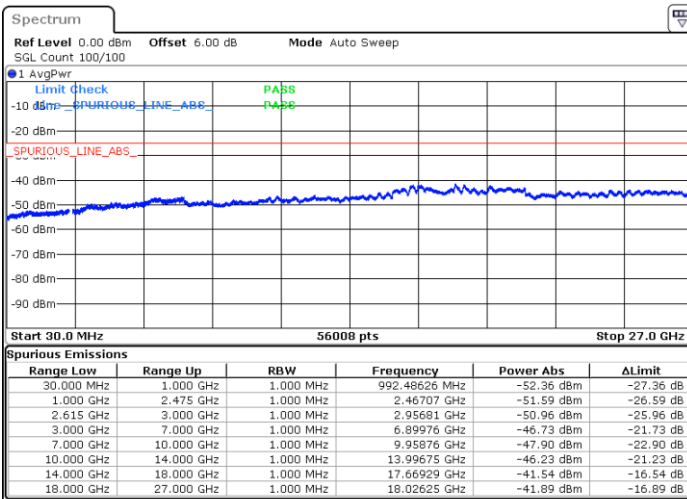
Lowest Channel / 1RB74 and 1RB0



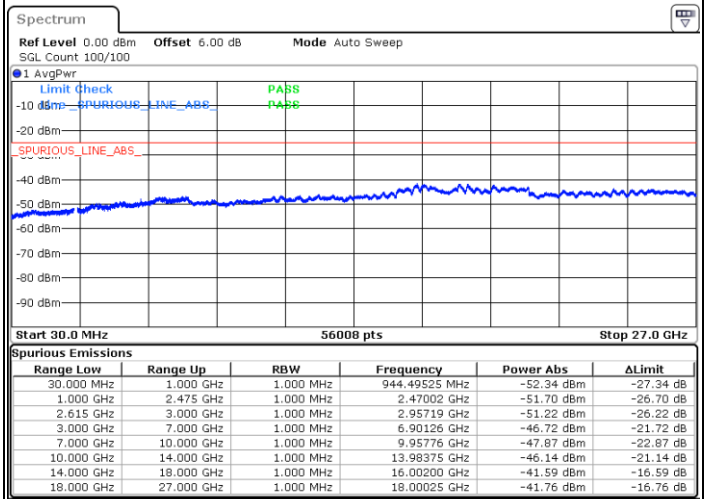
Date: 29.JAN.2022 10:27:49

Middle Channel / 1RB74 and 1RB0

Highest Channel / 1RB74 and 1RB0



Date: 29.JAN.2022 10:36:59



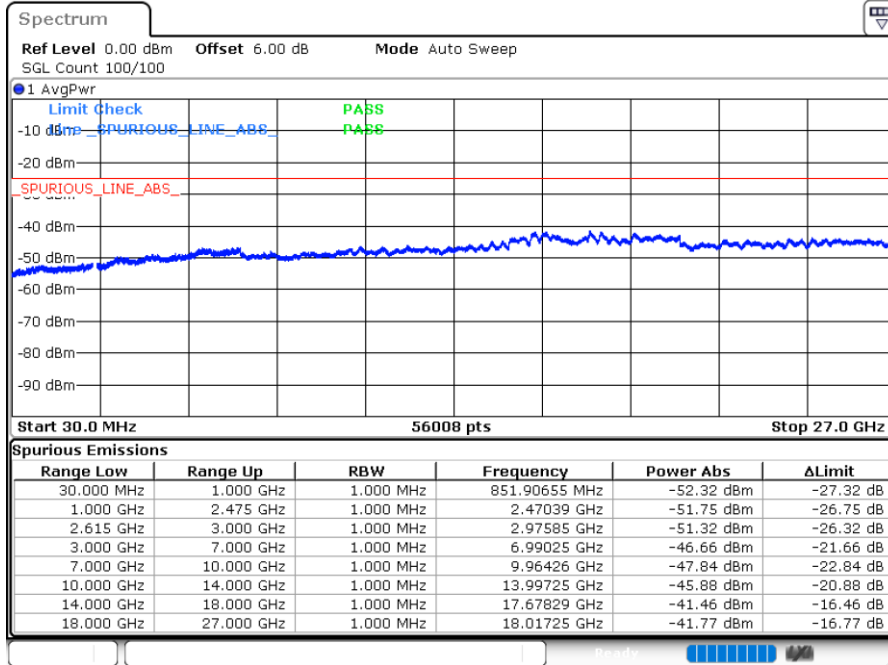
Date: 29.JAN.2022 10:38:14



LTE Band 7C / 15MHz+10MHz

QPSK

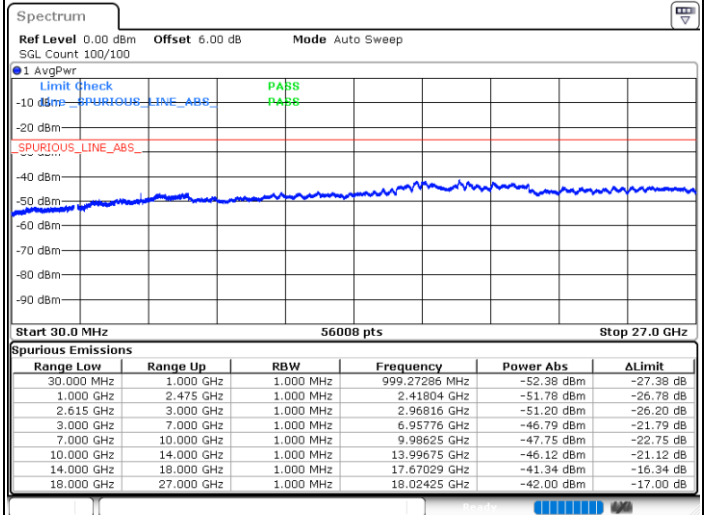
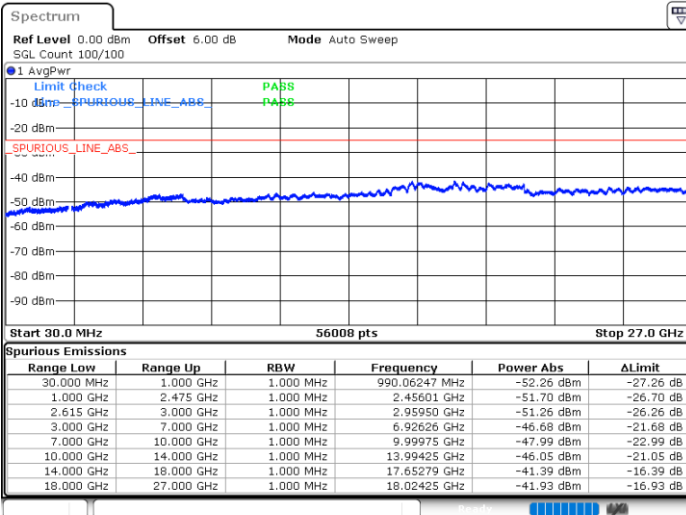
Lowest Channel / 1RB74 and 1RB0



Date: 29.JAN.2022 09:58:05

Middle Channel / 1RB74 and 1RB0

Highest Channel / 1RB74 and 1RB0



Date: 29.JAN.2022 10:07:16

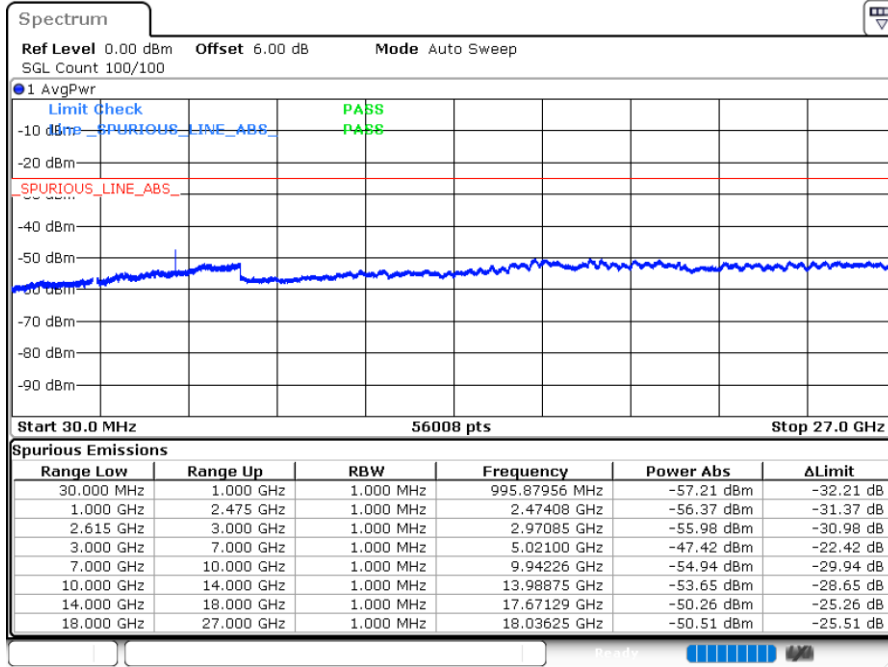
Date: 29.JAN.2022 10:08:32



LTE Band 7C / 10MHz+20MHz

QPSK

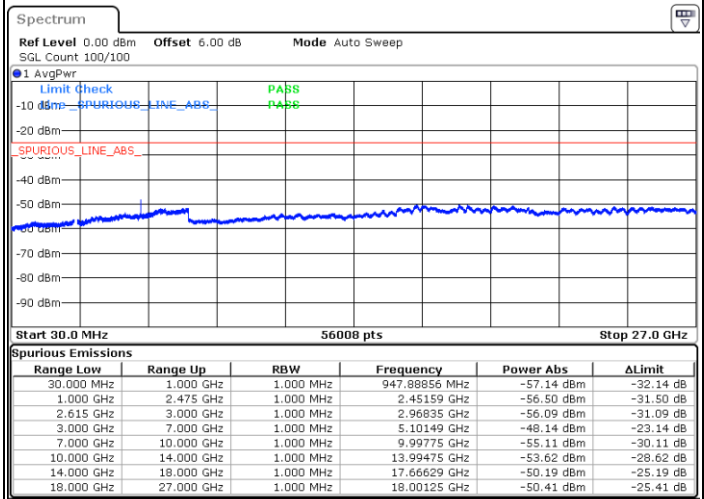
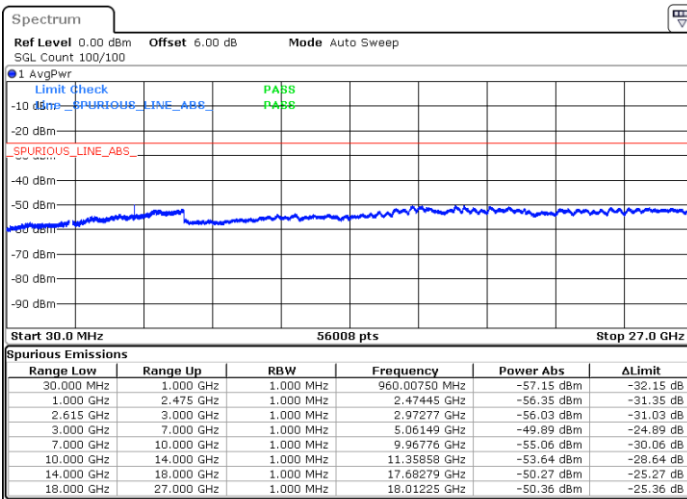
Lowest Channel / 1RB49 and 1RB0



Date: 29.JAN.2022 09:23:08

Middle Channel / 1RB49 and 1RB0

Highest Channel / 1RB49 and 1RB0



Date: 29.JAN.2022 09:36:52

Date: 29.JAN.2022 09:38:08



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	0.0026	PASS
40	Normal Voltage	0.0011	
30	Normal Voltage	0.0018	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0015	
0	Normal Voltage	0.0022	
-10	Normal Voltage	0.0017	
-20	Normal Voltage	0.0006	
-30	Normal Voltage	0.0013	
20	Maximum Voltage	0.0027	
20	Normal Voltage	0.0019	
20	Battery End Point	0.0016	

Note:

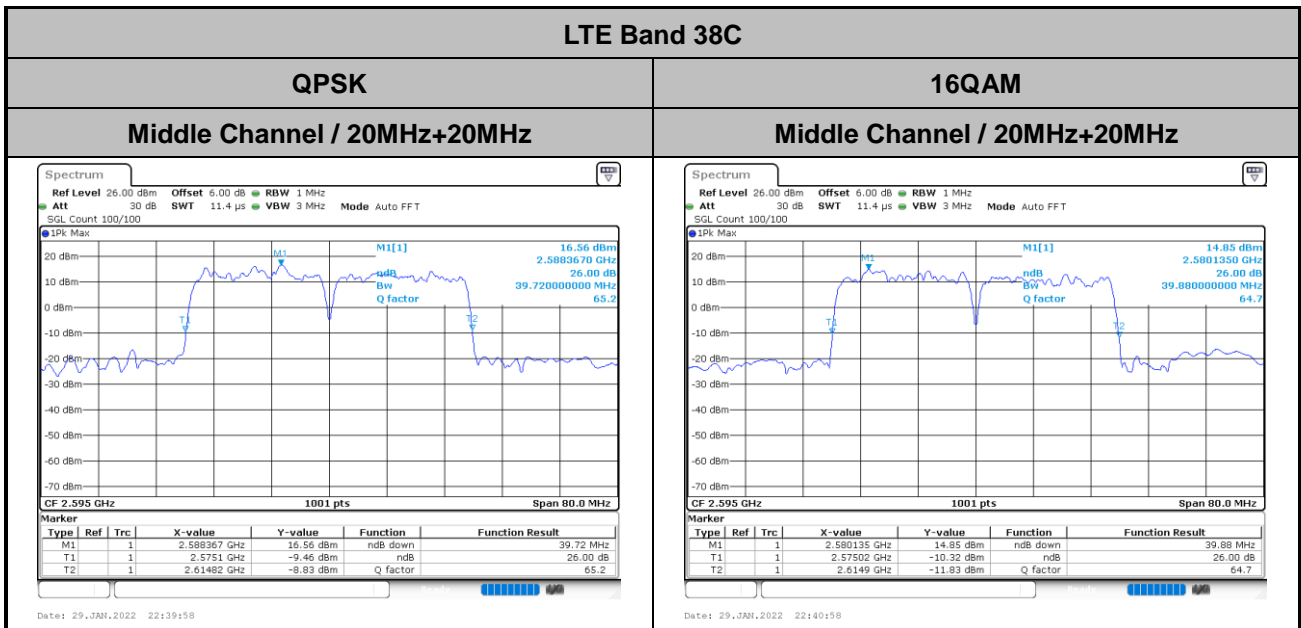
1. Normal Voltage =3.87 V. ; Battery End Point (BEP) =3.6 V. ; Maximum Voltage =4.45 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



# LTE Band 38C

## 26dB Bandwidth

Mode	LTE Band 38C : 26dB BW(MHz)	
Mod.	QPSK	16QAM
BW	20MHz+20MHz	20MHz+20MHz
Middle CH	39.72	39.88

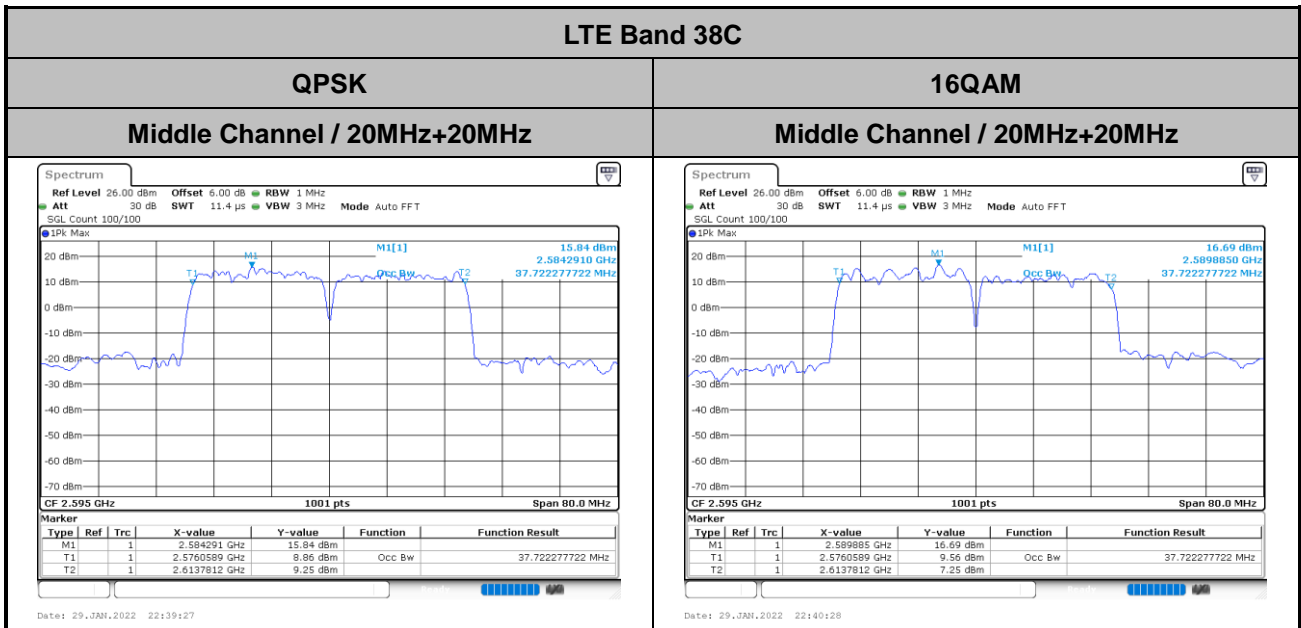






## Occupied Bandwidth

Mode	LTE Band 38C : 99%OBW(MHz)	
Mod.	QPSK	16QAM
BW	20MHz+20MHz	20MHz+20MHz
Middle CH	37.72	37.72





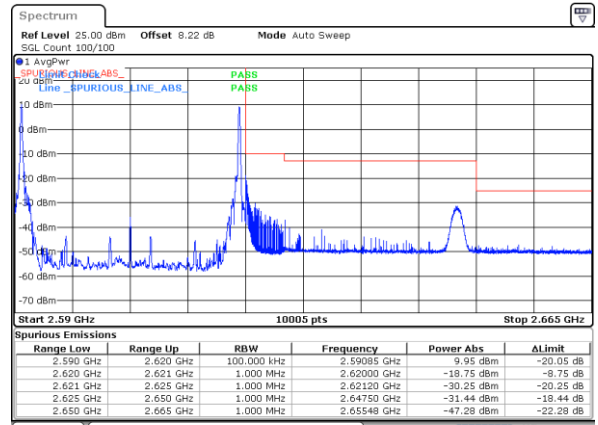
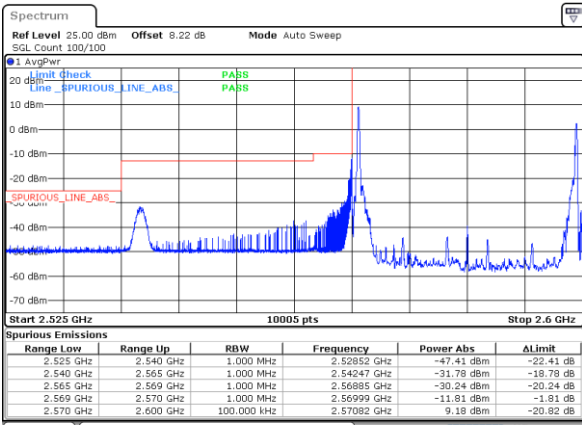
# Conducted Band Edge

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

### QPSK

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

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

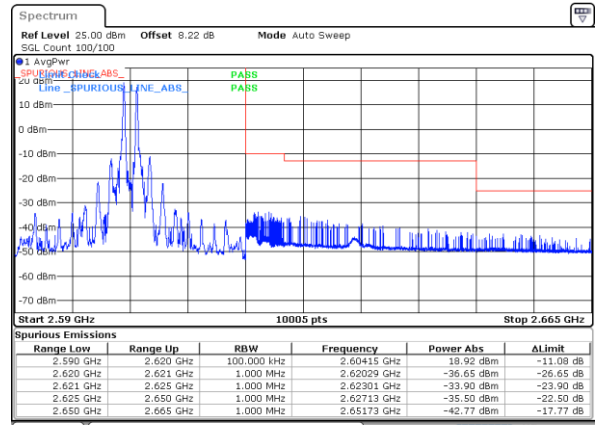
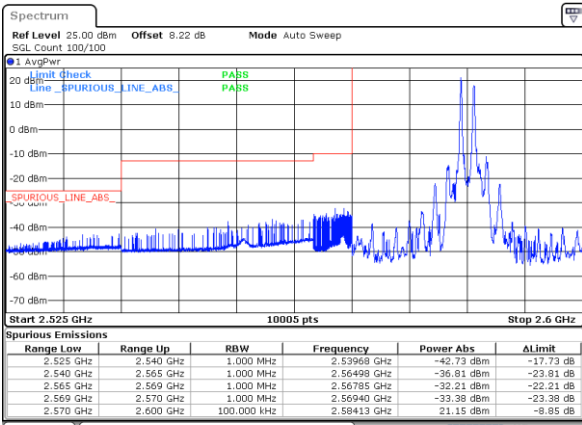


Date: 29\_JAN,2022 21:39:35

Date: 29\_JAN,2022 21:58:45

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

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

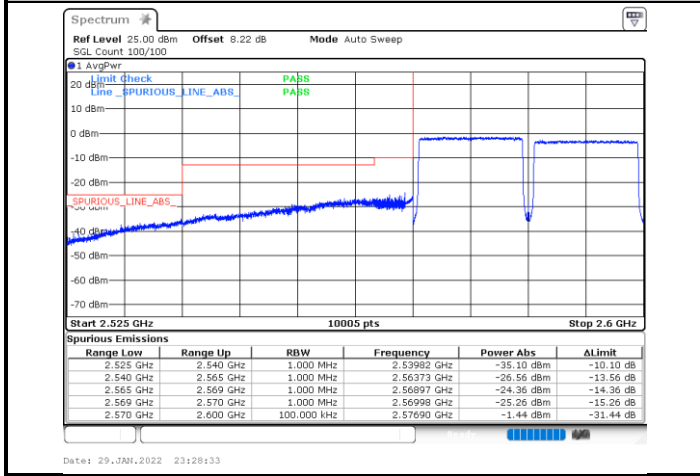


Date: 29\_JAN,2022 21:44:05

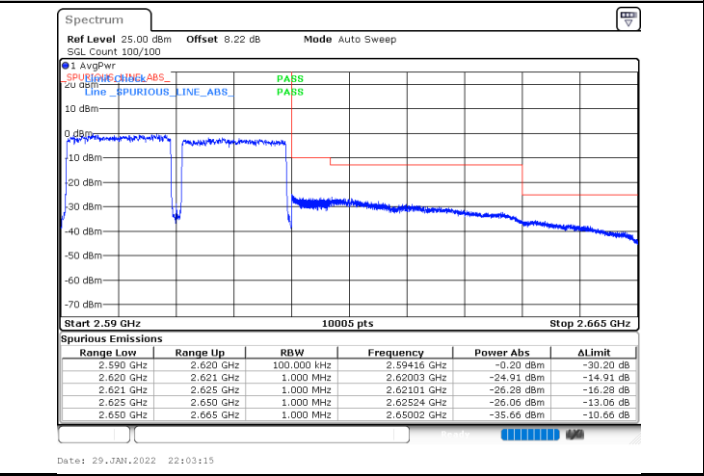
Date: 29\_JAN,2022 21:54:15



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

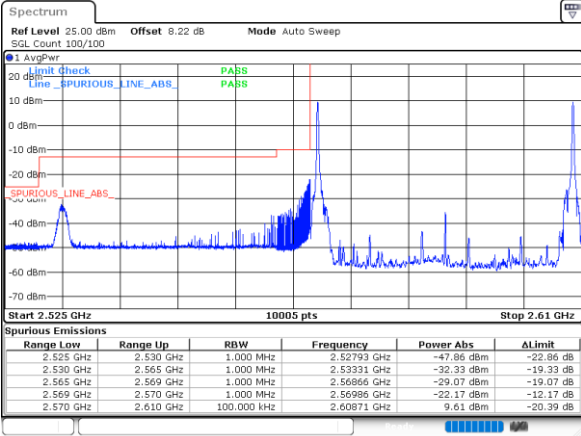




LTE Band 38C / 20MHz+20MHz

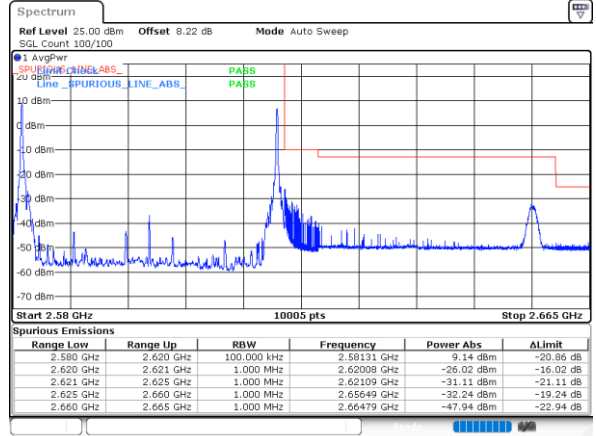
QPSK

Lowest Band Edge / 1RB0 and 1RB9



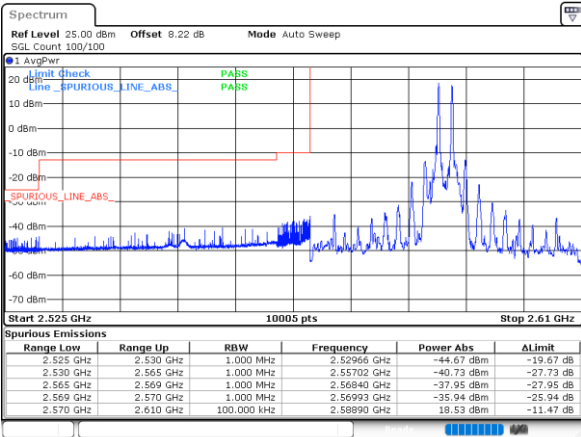
Date: 29\_JAN,2022 22:12:22

Highest Band Edge / 1RB0 and 1RB9



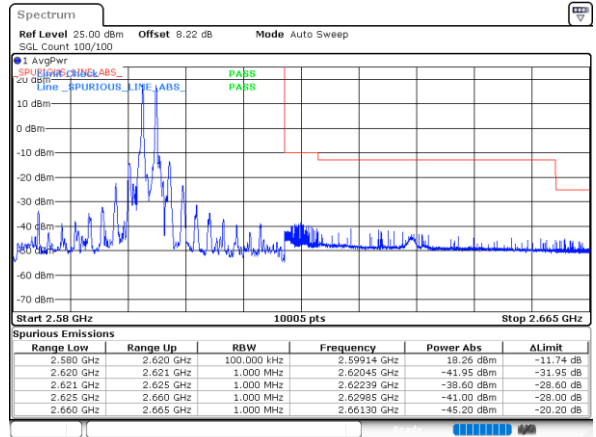
Date: 29\_JAN,2022 22:31:21

Lowest Band Edge / 1RB99 and 1RB0



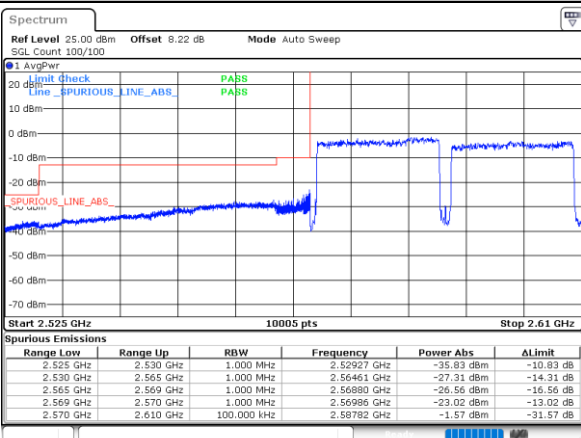
Date: 29\_JAN,2022 22:16:52

Highest Band Edge / 1RB99 and 1RB0



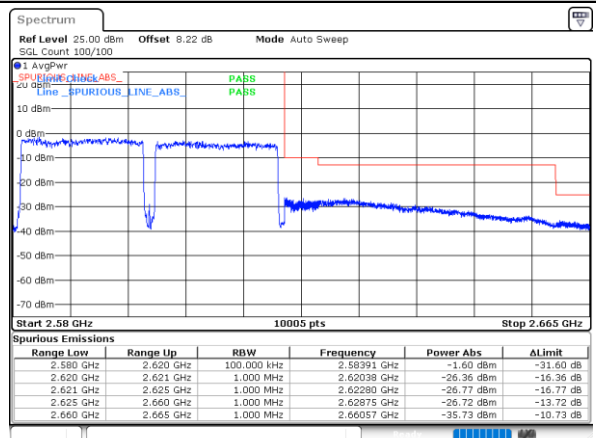
Date: 29\_JAN,2022 22:26:52

Lowest Band Edge / Full RB



Date: 29\_JAN,2022 22:55:14

Highest Band Edge / Full RB



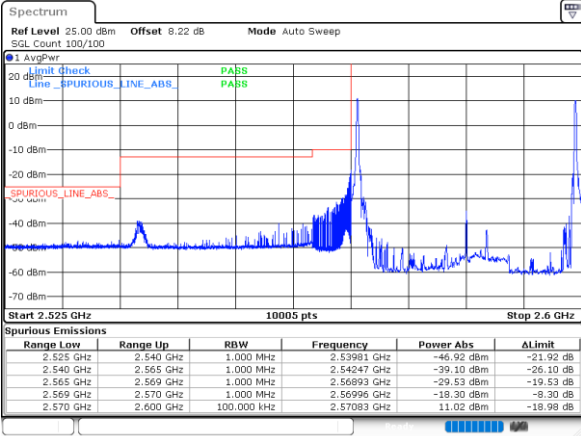
Date: 29\_JAN,2022 22:35:50



LTE Band 38C / 15MHz+15MHz

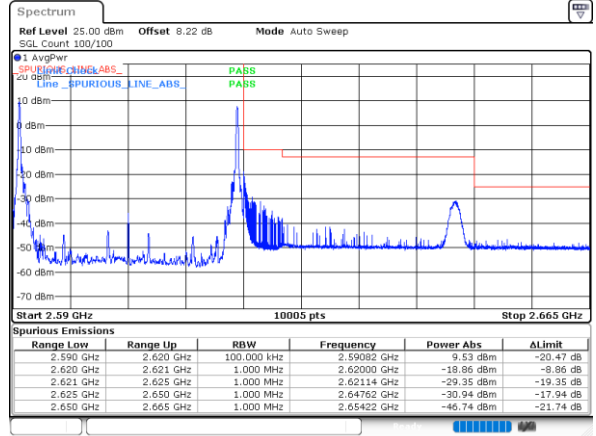
16QAM

Lowest Band Edge / 1RB0 and 1RB74



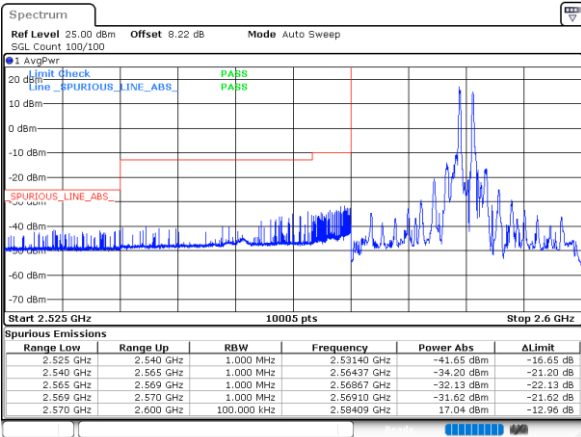
Date: 29\_JAN,2022 21:41:05

Highest Band Edge / 1RB0 and 1RB74



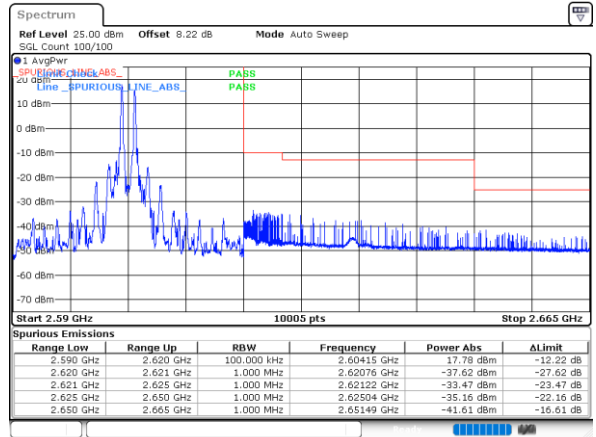
Date: 29\_JAN,2022 22:00:14

Lowest Band Edge / 1RB74 and 1RB0



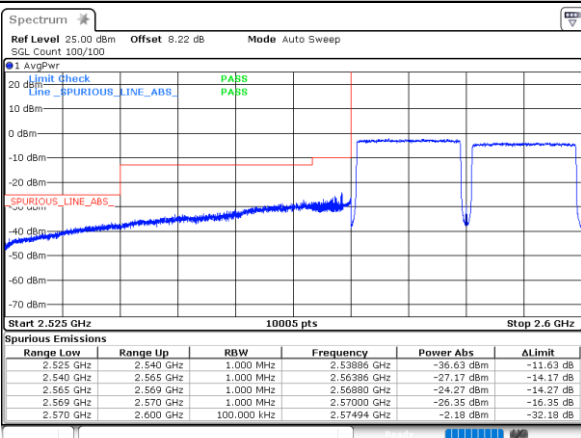
Date: 29\_JAN,2022 21:45:35

Highest Band Edge / 1RB74 and 1RB0



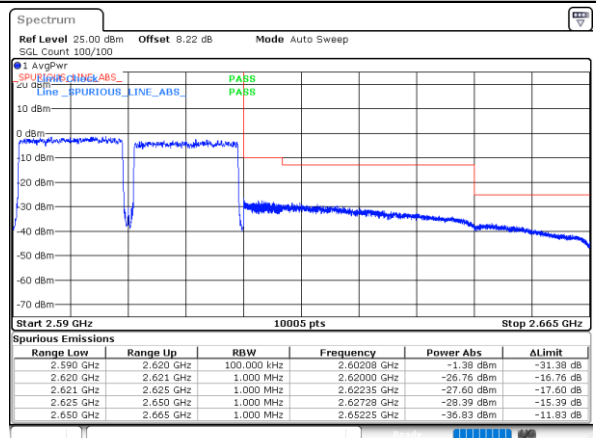
Date: 29\_JAN,2022 21:55:45

Lowest Band Edge / Full RB



Date: 29\_JAN,2022 23:32:36

Highest Band Edge / Full RB



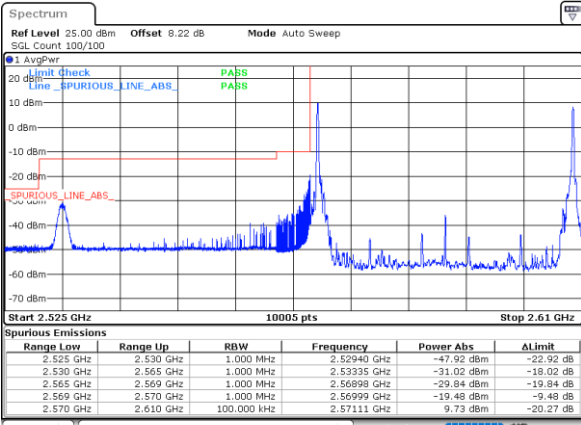
Date: 29\_JAN,2022 22:04:44



LTE Band 38C / 20MHz+20MHz

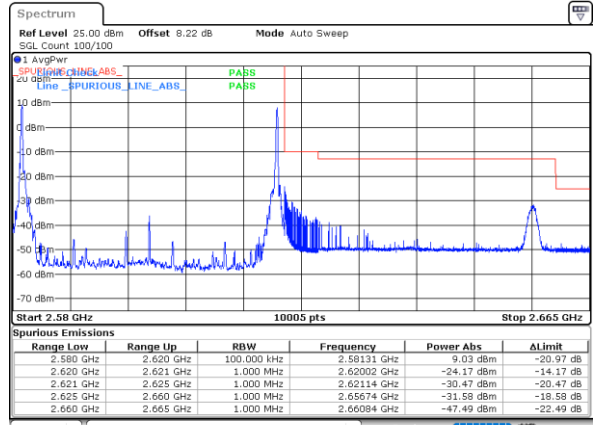
16QAM

Lowest Band Edge / 1RB0 and 1RB9



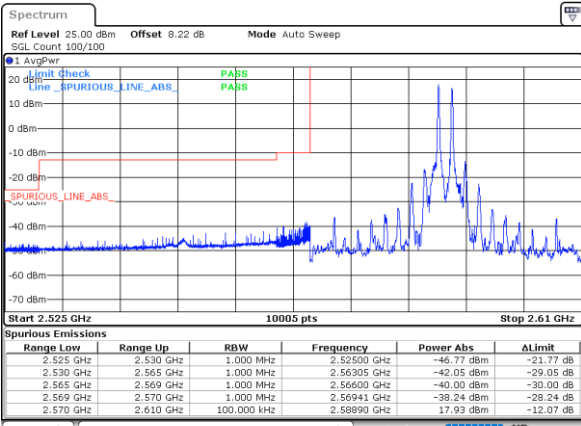
Date: 29\_JAN,2022 22:13:52

Highest Band Edge / 1RB0 and 1RB9



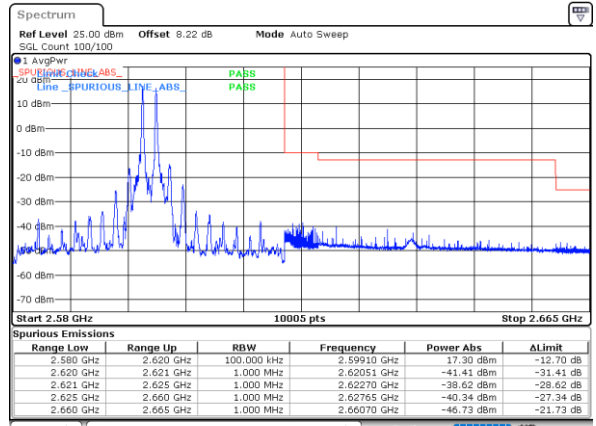
Date: 29\_JAN,2022 22:32:50

Lowest Band Edge / 1RB99 and 1RB0



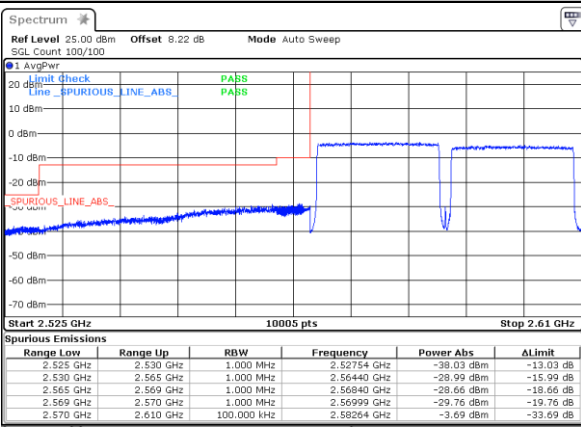
Date: 29\_JAN,2022 22:18:22

Highest Band Edge / 1RB99 and 1RB0



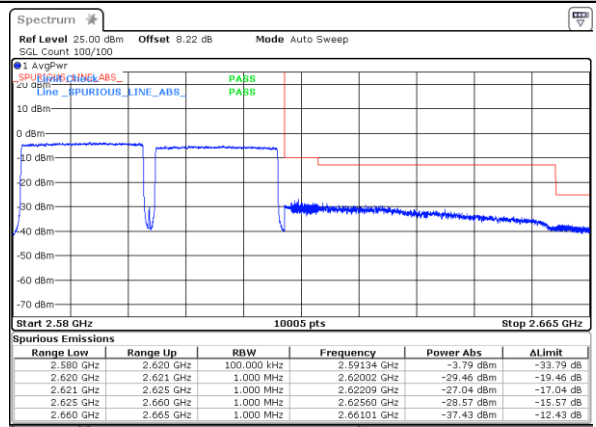
Date: 29\_JAN,2022 22:28:21

Lowest Band Edge / Full RB



Date: 29\_JAN,2022 22:59:14

Highest Band Edge / Full RB



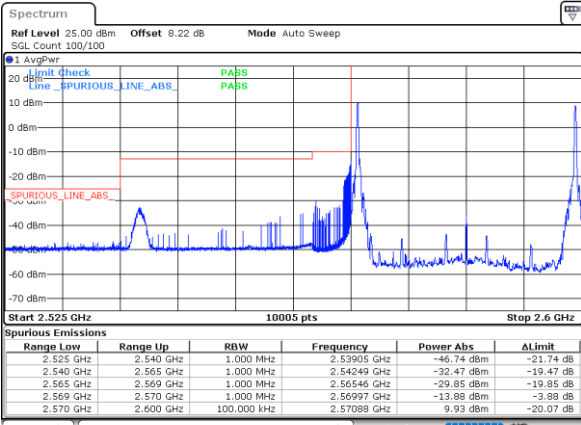
Date: 29\_JAN,2022 23:16:05



LTE Band 38C / 15MHz+15MHz

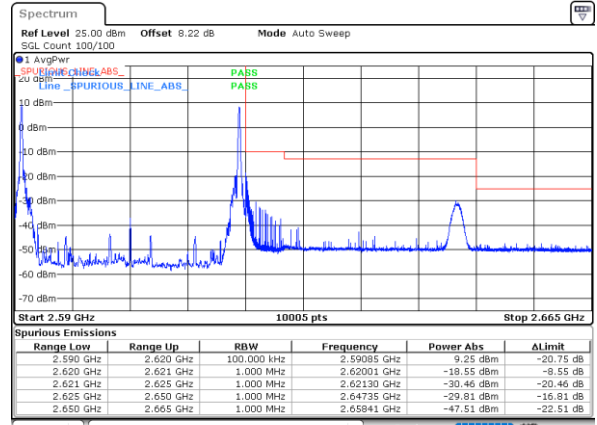
64QAM

Lowest Band Edge / 1RB0 and 1RB74



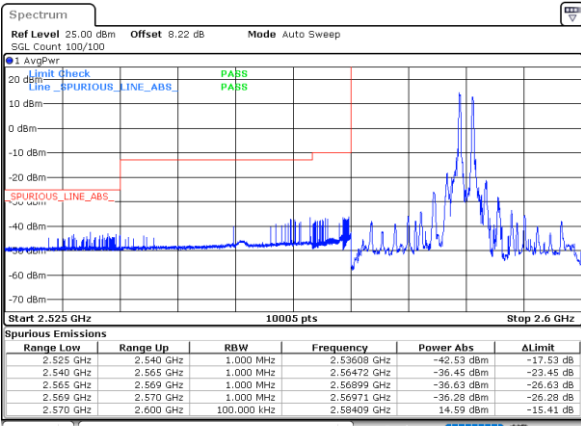
Date: 29\_JAN,2022 21:42:35

Highest Band Edge / 1RB0 and 1RB74



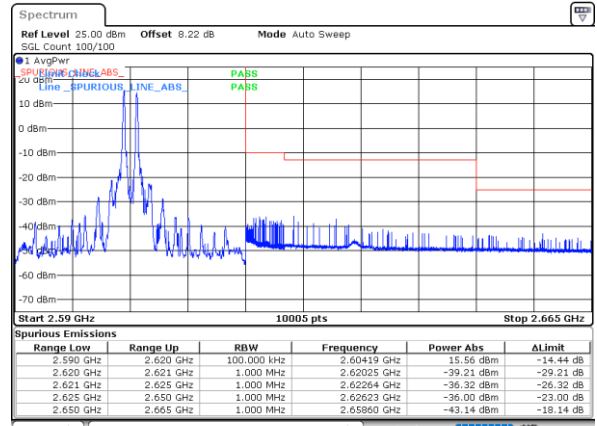
Date: 29\_JAN,2022 22:01:44

Lowest Band Edge / 1RB74 and 1RB0



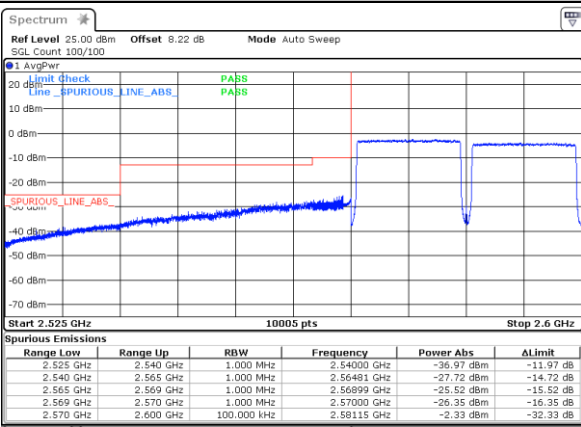
Date: 29\_JAN,2022 21:47:05

Highest Band Edge / 1RB74 and 1RB0



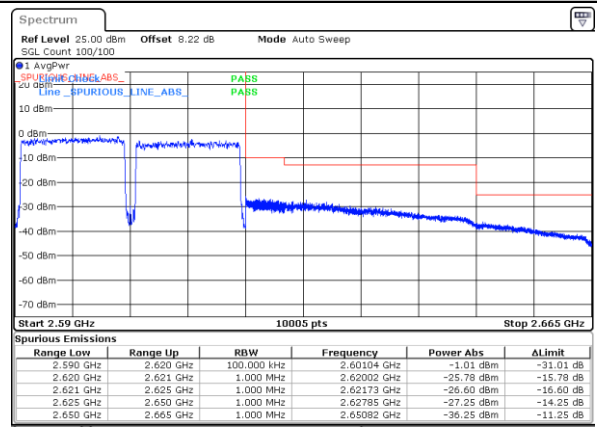
Date: 29\_JAN,2022 21:57:15

Lowest Band Edge / Full RB



Date: 29\_JAN,2022 23:37:54

Highest Band Edge / Full RB



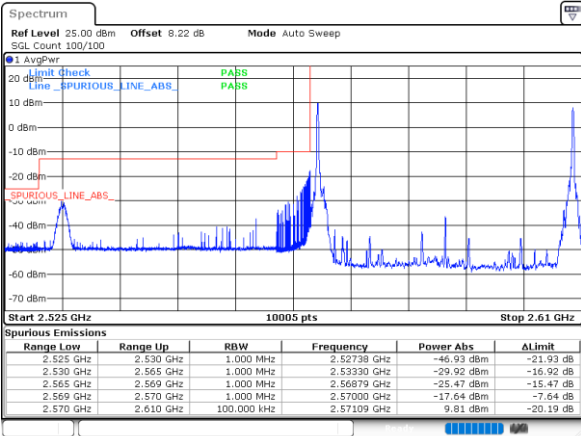
Date: 29\_JAN,2022 22:06:14



LTE Band 38C / 20MHz+20MHz

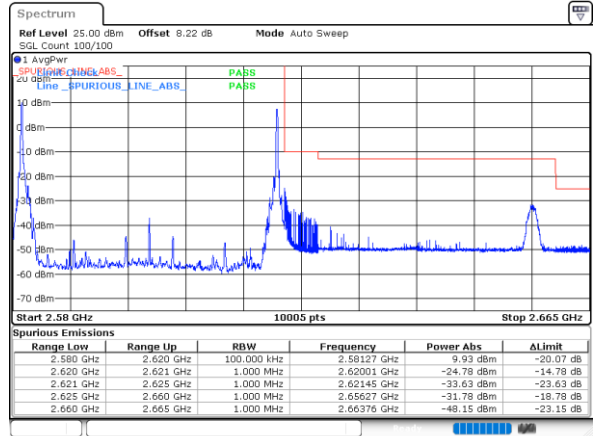
64QAM

Lowest Band Edge / 1RB0 and 1RB9



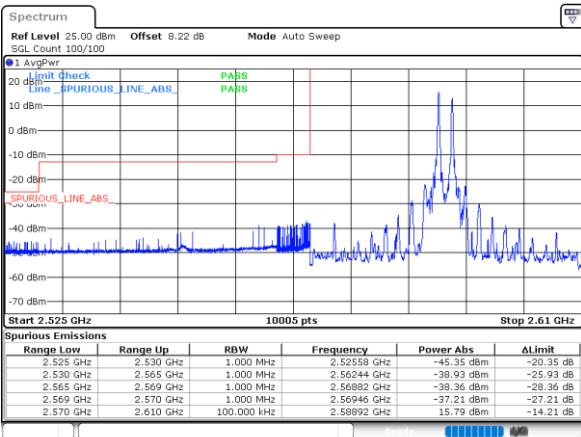
Date: 29\_JAN,2022 22:15:22

Highest Band Edge / 1RB0 and 1RB9



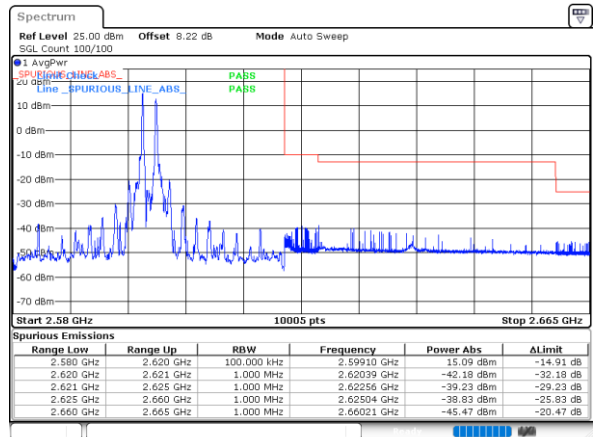
Date: 29\_JAN,2022 22:14:20

Lowest Band Edge / 1RB99 and 1RB0



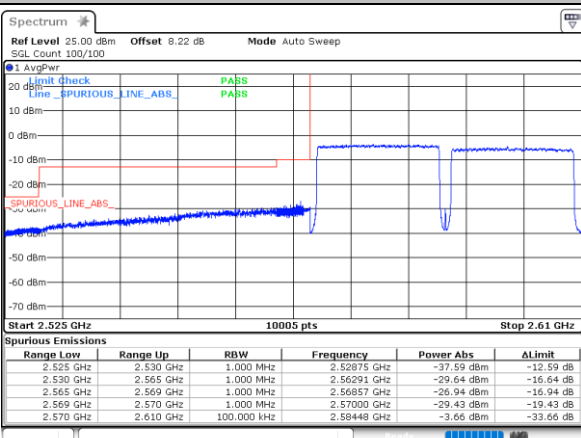
Date: 29\_JAN,2022 22:19:52

Highest Band Edge / 1RB99 and 1RB0



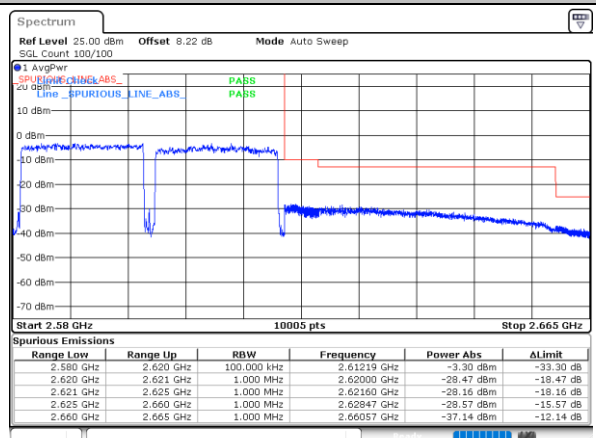
Date: 29\_JAN,2022 22:29:51

Lowest Band Edge / Full RB



Date: 29\_JAN,2022 23:11:30

Highest Band Edge / Full RB



Date: 29\_JAN,2022 22:38:50





# Conducted Spurious Emission

