

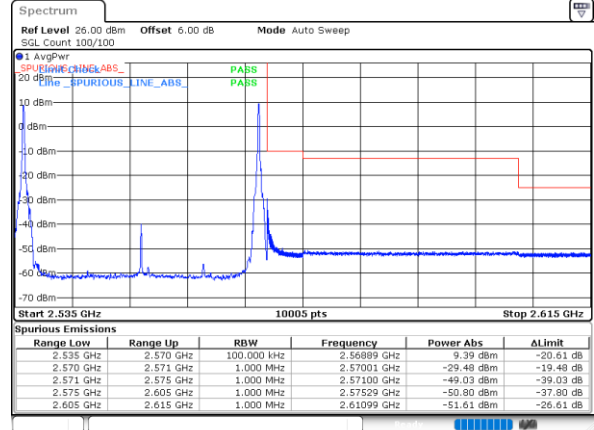
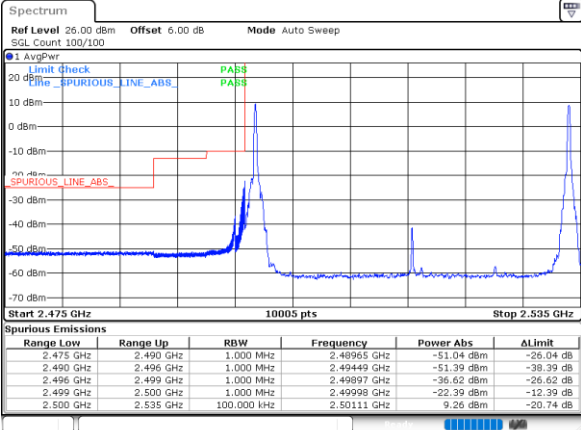


LTE Band 7C / 20MHz+15MHz

64QAM

Lowest Band Edge / 1RB0 and 1RB74

Highest Band Edge / 1RB0 and 1RB74

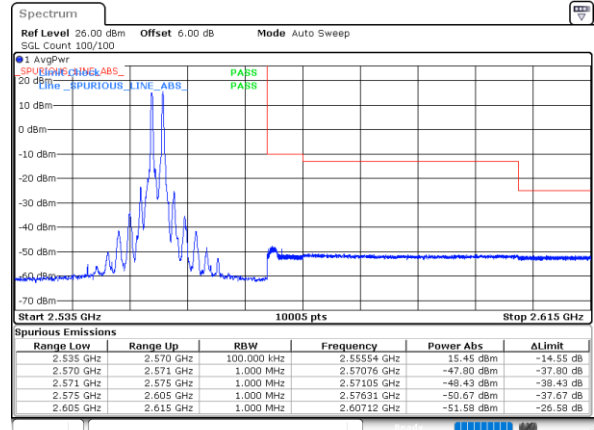
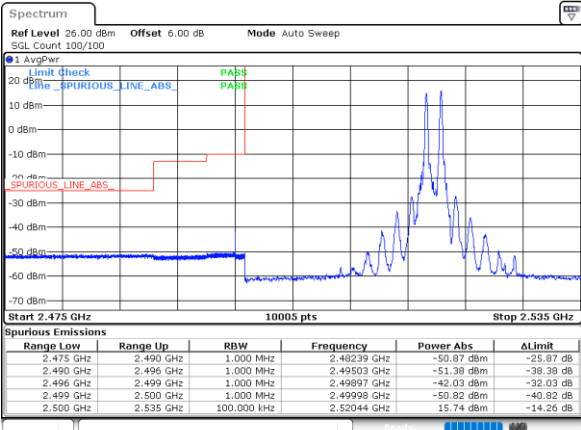


Date: 9 JAN, 2023 15:26:30

Date: 9 JAN, 2023 15:43:13

Lowest Band Edge / 1RB99 and 1RB0

Highest Band Edge / 1RB99 and 1RB0

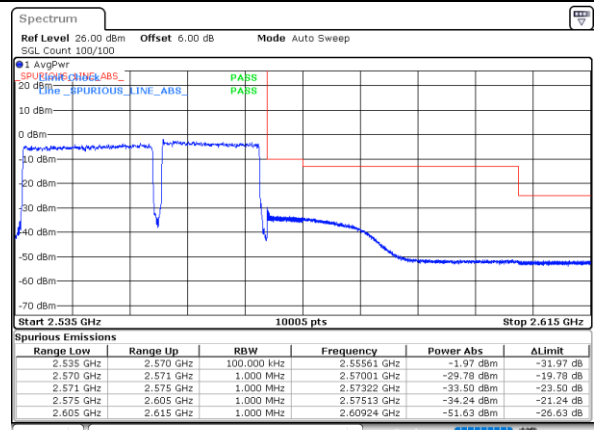
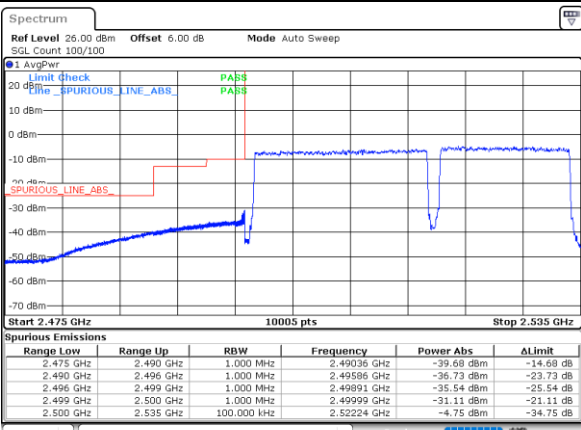


Date: 9 JAN, 2023 15:29:54

Date: 9 JAN, 2023 15:46:56

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 9 JAN, 2023 15:36:42

Date: 9 JAN, 2023 15:52:15

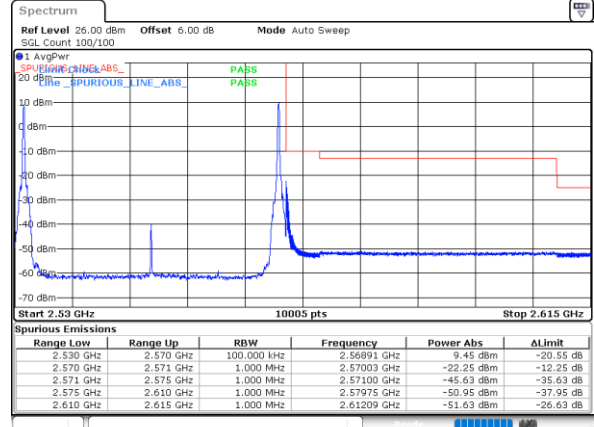
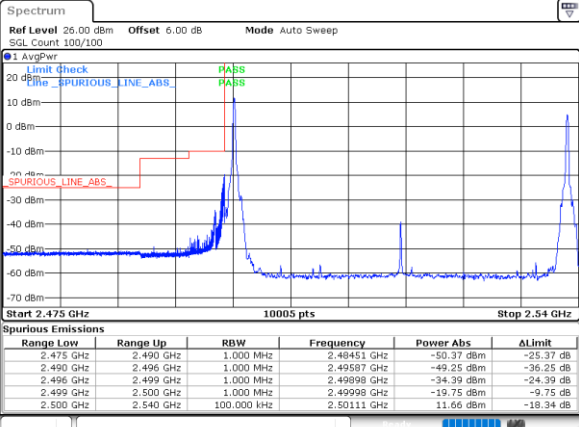


LTE Band 7C / 20MHz+20MHz

64QAM

Lowest Band Edge / 1RB0 and 1RB9

Highest Band Edge / 1RB0 and 1RB9

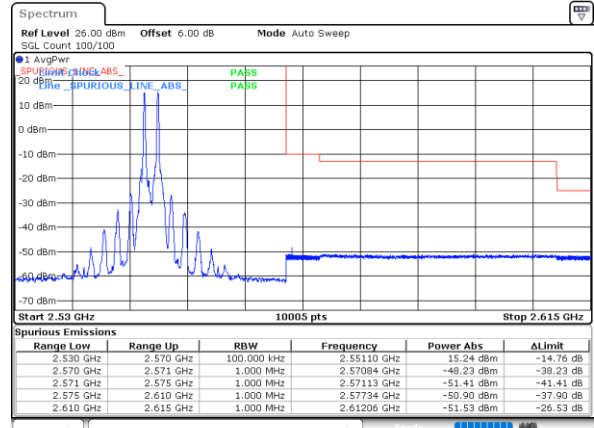
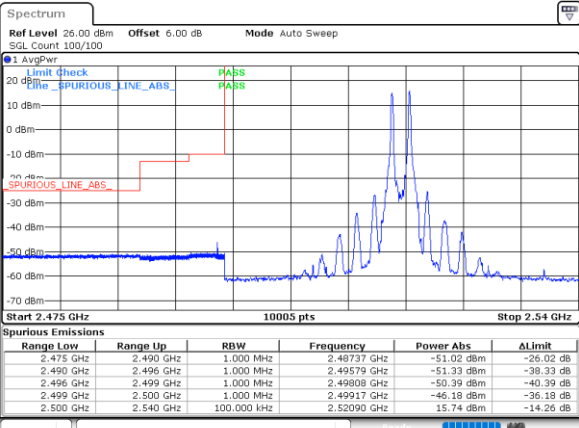


Date: 9 JAN 2023 15:58:21

Date: 9 JAN 2023 16:15:05

Lowest Band Edge / 1RB99 and 1RB0

Highest Band Edge / 1RB99 and 1RB0

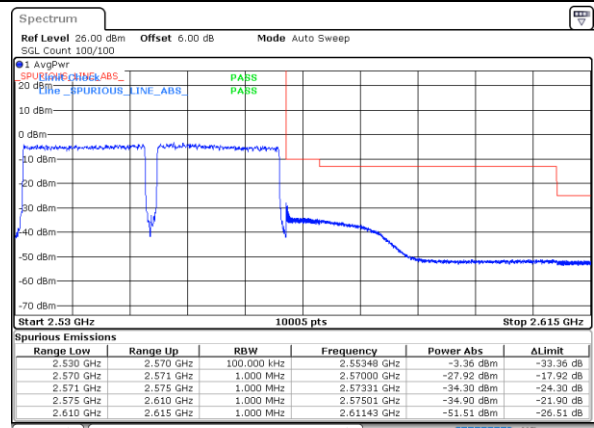
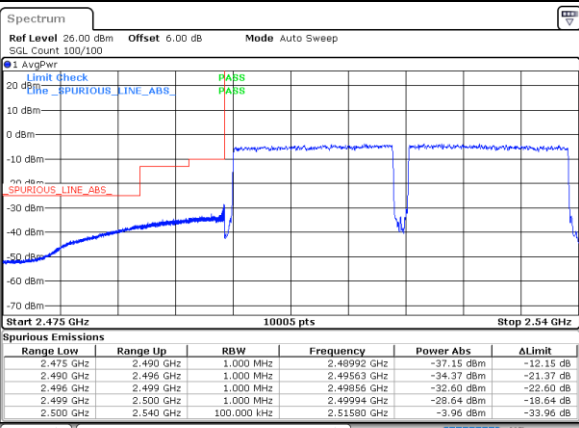


Date: 9 JAN 2023 16:01:46

Date: 9 JAN 2023 16:18:29

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 9 JAN 2023 16:07:26

Date: 9 JAN 2023 16:24:10

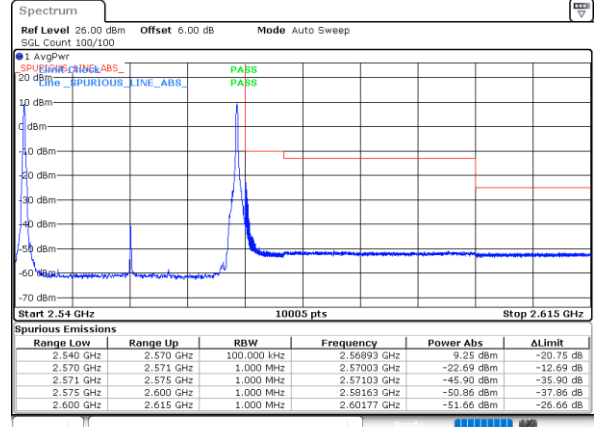
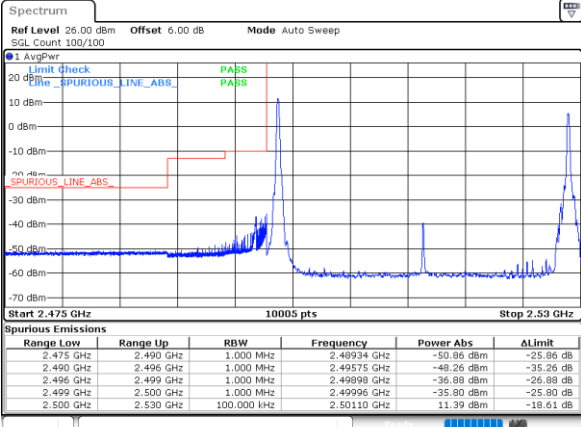


LTE Band 7C / 10MHz+20MHz

256QAM

Lowest Band Edge / 1RB0 and 1RB9

Highest Band Edge / 1RB0 and 1RB9

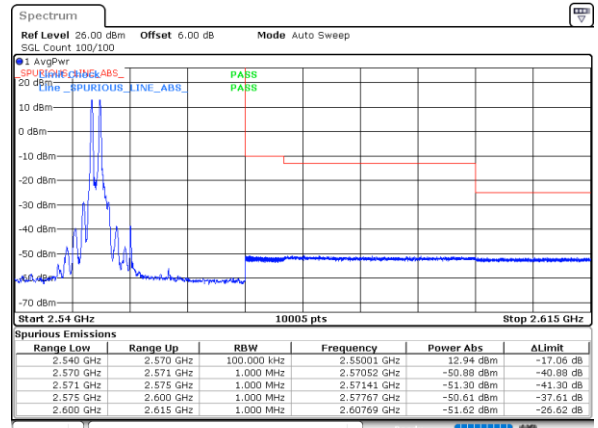
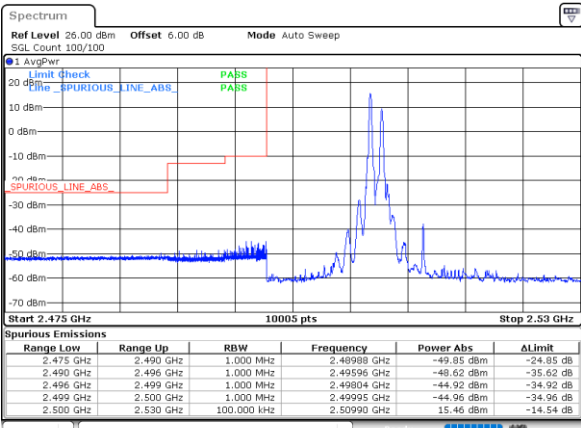


Date: 9 JAN 2023 12:48:41

Date: 9 JAN 2023 13:05:21

Lowest Band Edge / 1RB49 and 1RB0

Highest Band Edge / 1RB49 and 1RB0

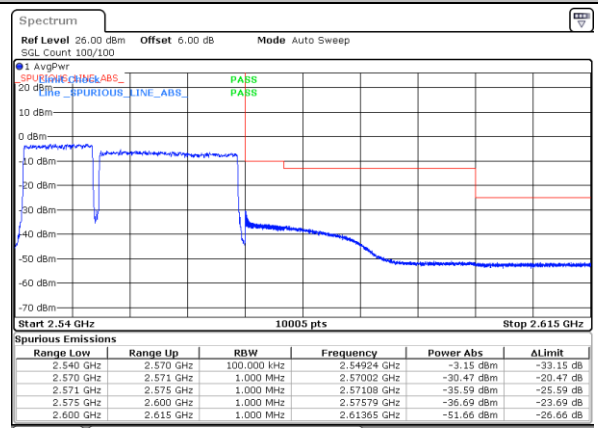
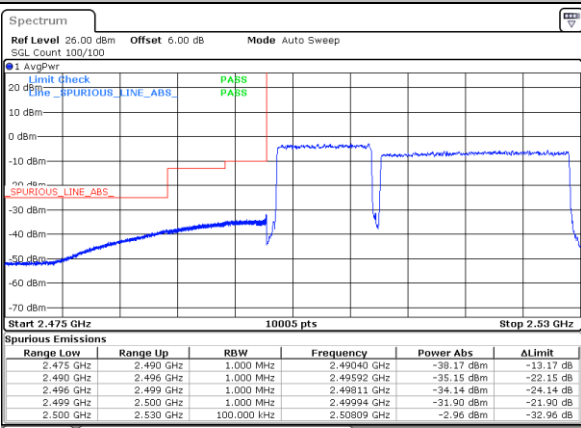


Date: 9 JAN 2023 12:49:50

Date: 9 JAN 2023 13:06:28

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 9 JAN 2023 12:57:44

Date: 9 JAN 2023 13:14:21

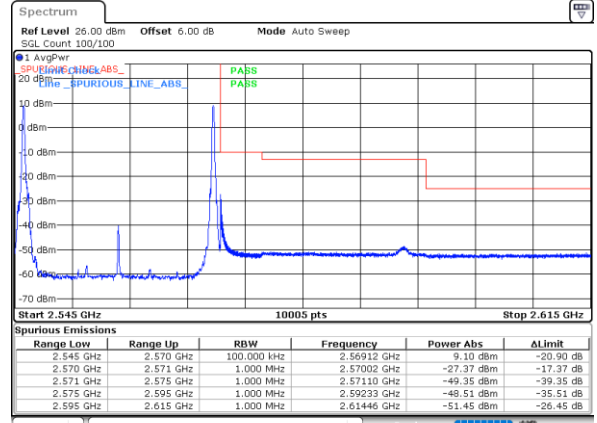
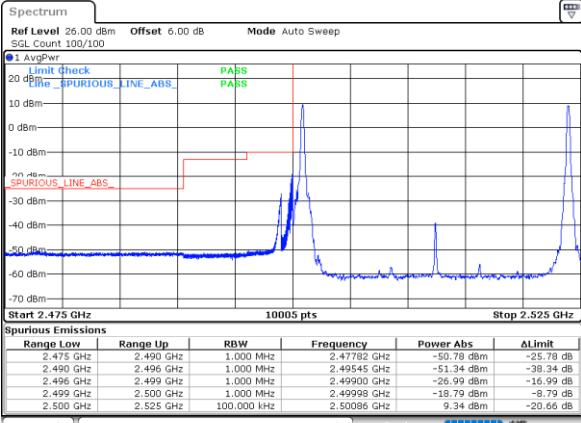


LTE Band 7C / 15MHz+10MHz

256QAM

Lowest Band Edge / 1RB0 and 1RB49

Highest Band Edge / 1RB0 and 1RB49

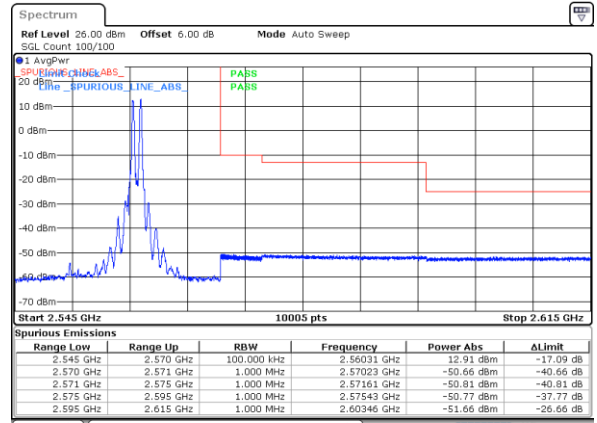
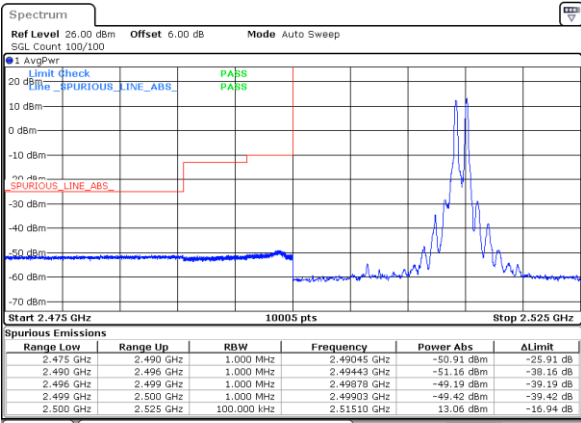


Date: 9 JAN 2023 13:20:27

Date: 9 JAN 2023 13:37:06

Lowest Band Edge / 1RB74 and 1RB0

Highest Band Edge / 1RB74 and 1RB0

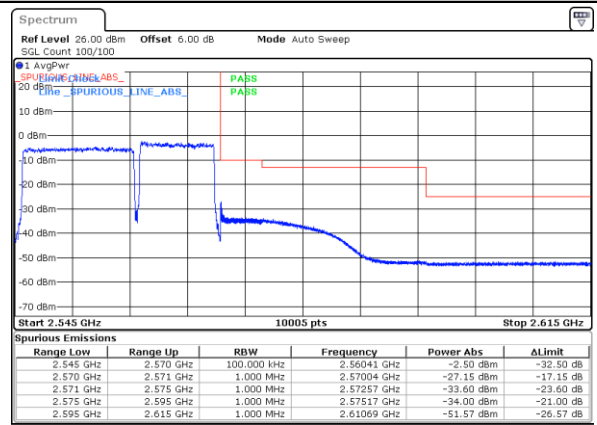
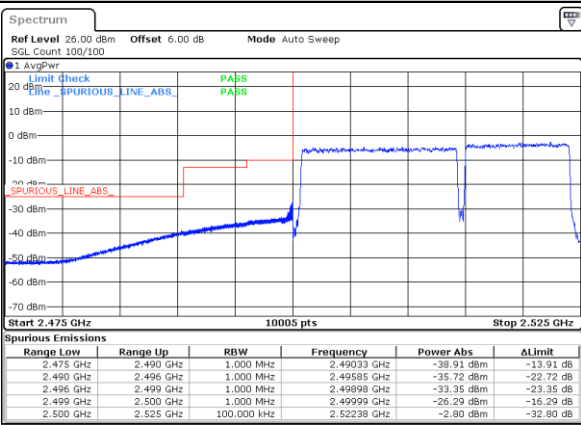


Date: 9 JAN 2023 13:21:34

Date: 9 JAN 2023 13:38:14

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 9 JAN 2023 13:29:29

Date: 9 JAN 2023 13:46:07

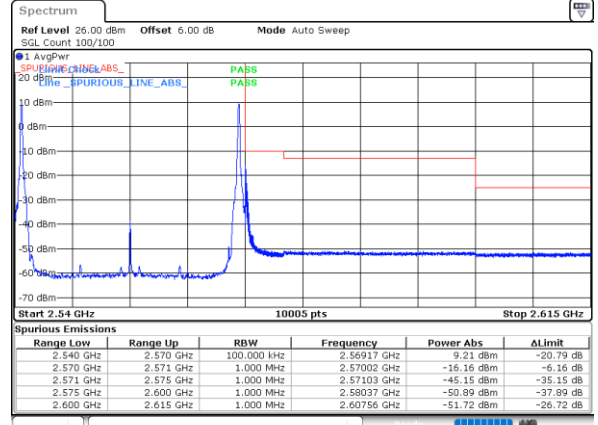
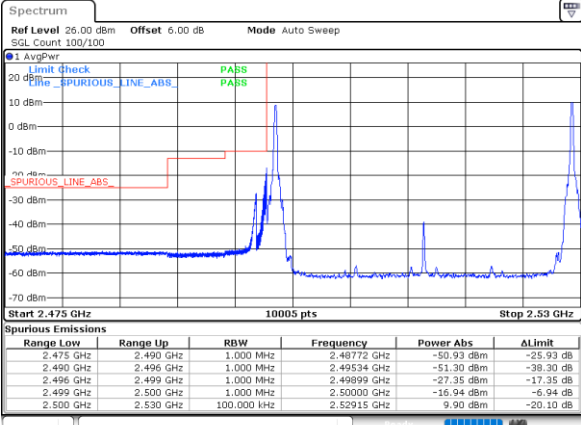


LTE Band 7C / 15MHz+15MHz

256QAM

Lowest Band Edge / 1RB0 and 1RB74

Highest Band Edge / 1RB0 and 1RB74

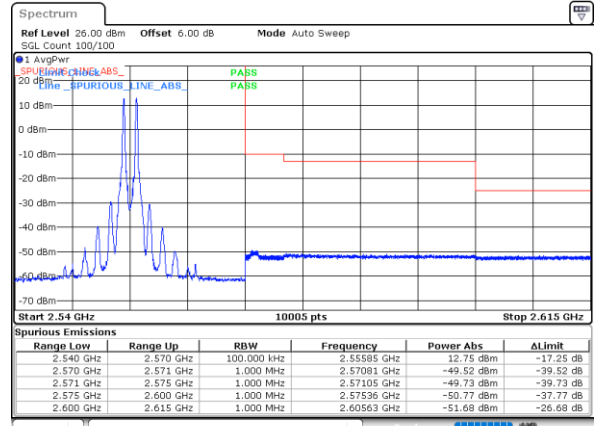
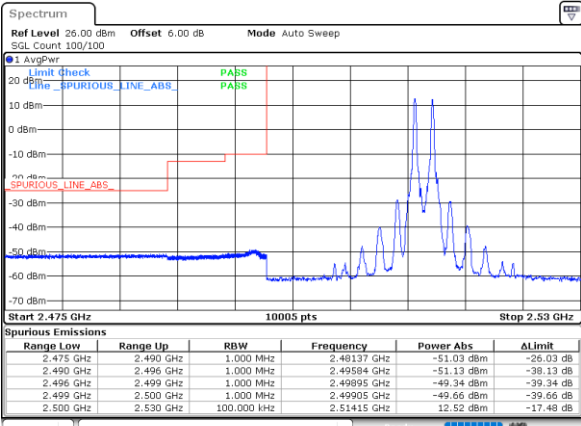


Date: 9 JAN 2023 13:52:13

Date: 9 JAN 2023 14:08:53

Lowest Band Edge / 1RB74 and 1RB0

Highest Band Edge / 1RB74 and 1RB0

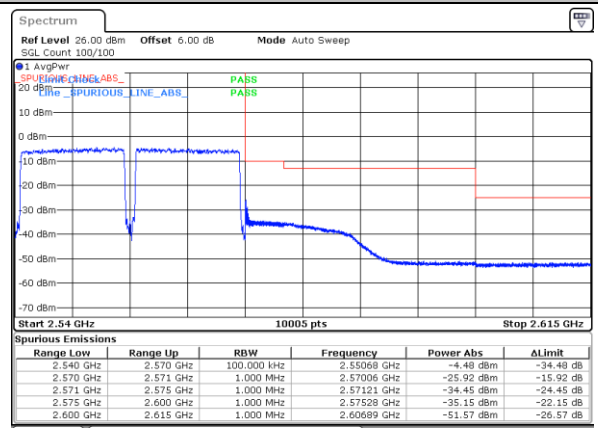
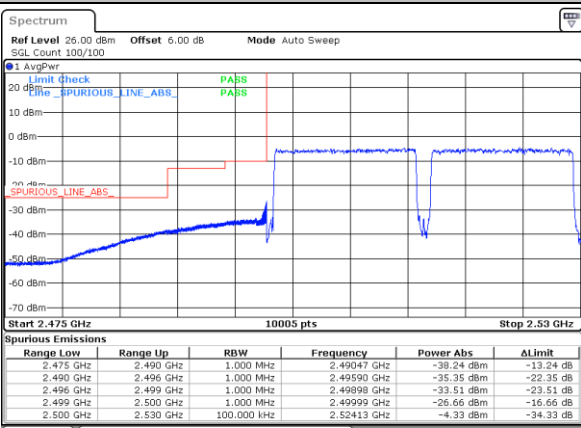


Date: 9 JAN 2023 13:53:20

Date: 9 JAN 2023 14:10:00

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 9 JAN 2023 14:01:16

Date: 9 JAN 2023 14:17:54

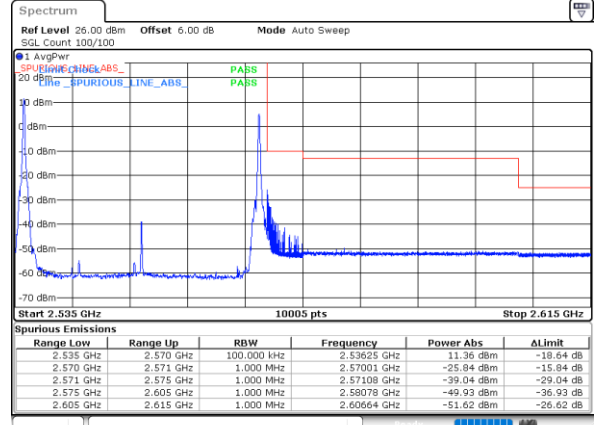
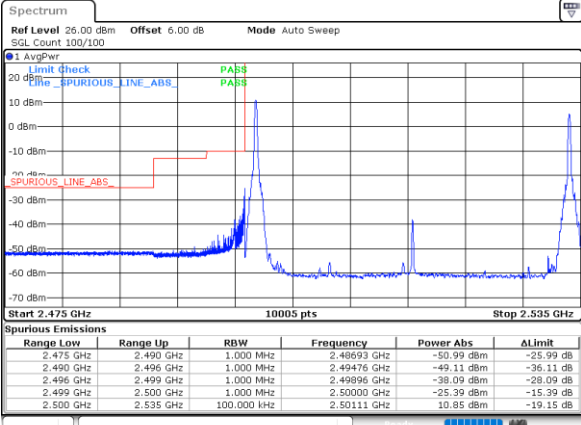


LTE Band 7C / 15MHz+20MHz

256QAM

Lowest Band Edge / 1RB0 and 1RB9

Highest Band Edge / 1RB0 and 1RB9

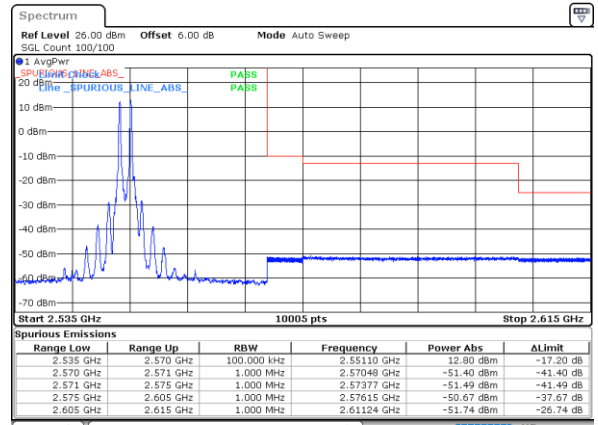
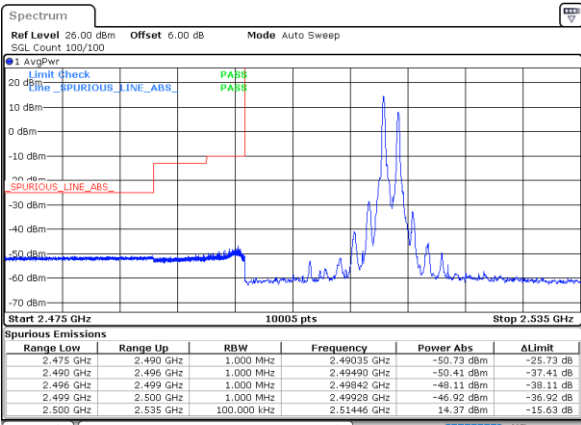


Date: 9, JAN, 2023 14:24:00

Date: 9, JAN, 2023 14:40:40

Lowest Band Edge / 1RB74 and 1RB0

Highest Band Edge / 1RB74 and 1RB0

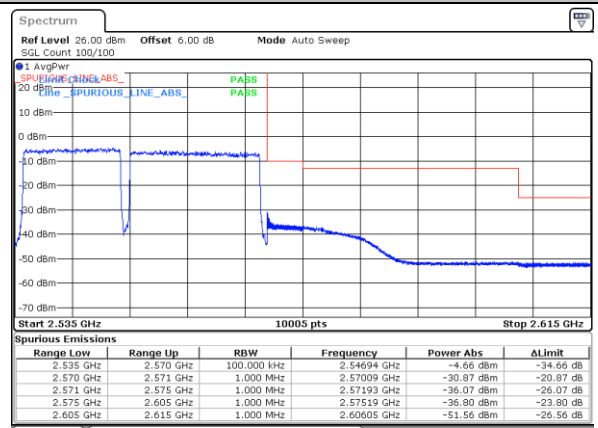
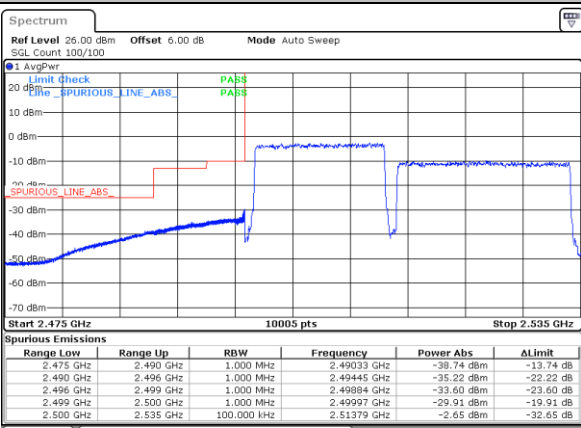


Date: 9, JAN, 2023 14:25:07

Date: 9, JAN, 2023 14:41:48

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 9, JAN, 2023 14:33:03

Date: 9, JAN, 2023 14:49:41

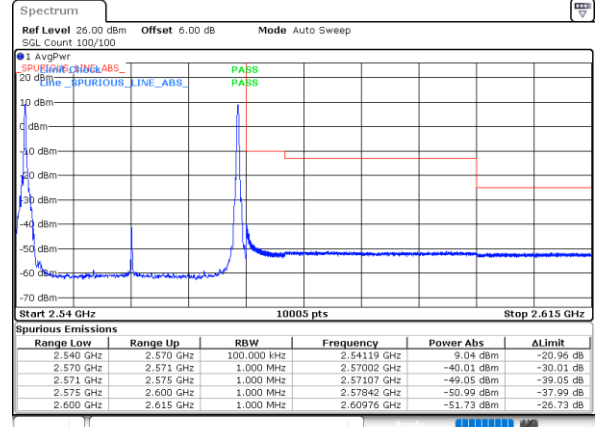
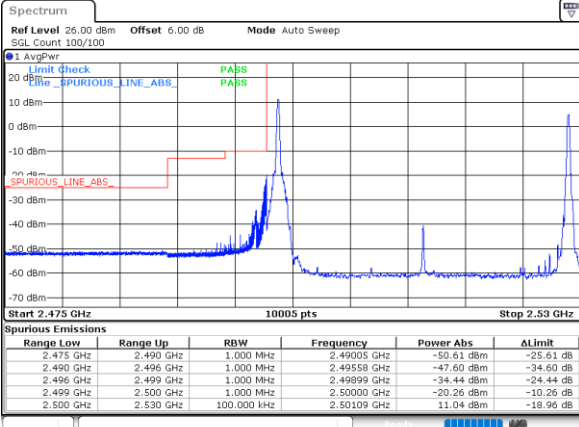


LTE Band 7C / 20MHz+10MHz

256QAM

Lowest Band Edge / 1RB0 and 1RB49

Highest Band Edge / 1RB0 and 1RB49

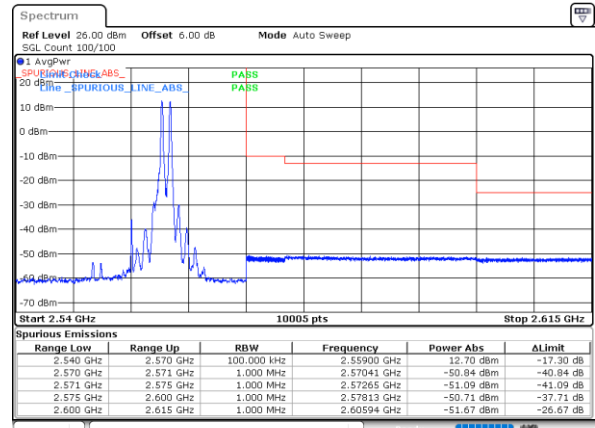
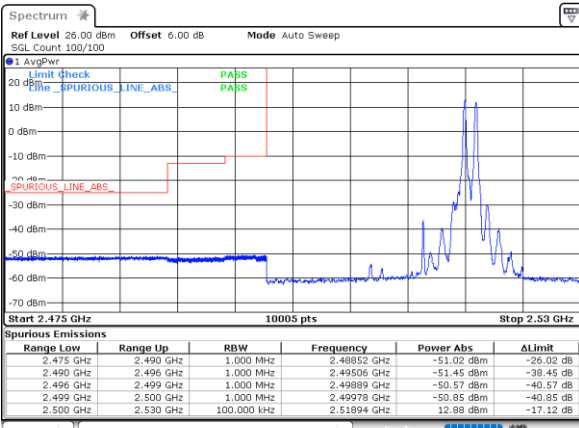


Date: 9 JAN 2023 14:55:47

Date: 9 JAN 2023 15:12:29

Lowest Band Edge / 1RB99 and 1RB0

Highest Band Edge / 1RB99 and 1RB0

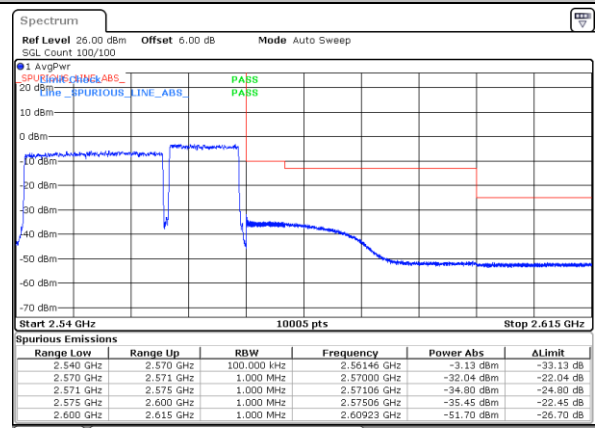
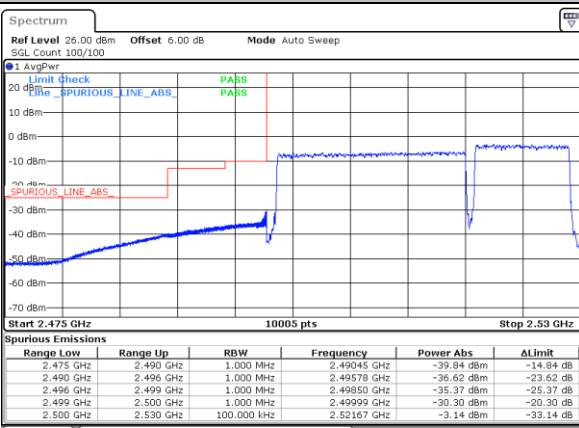


Date: 9 JAN 2023 14:56:55

Date: 9 JAN 2023 15:13:37

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 9 JAN 2023 15:04:51

Date: 9 JAN 2023 15:21:32

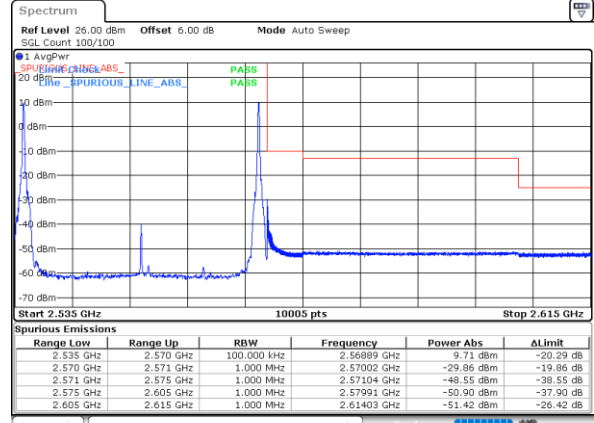
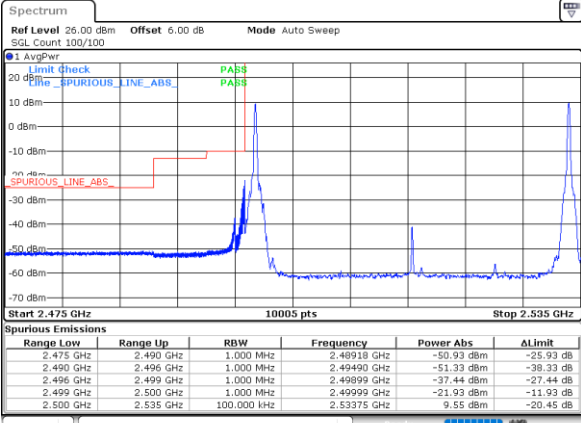


LTE Band 7C / 20MHz+15MHz

256QAM

Lowest Band Edge / 1RB0 and 1RB74

Highest Band Edge / 1RB0 and 1RB74

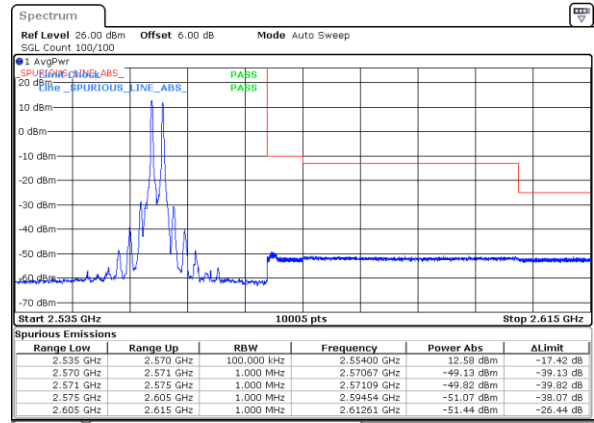
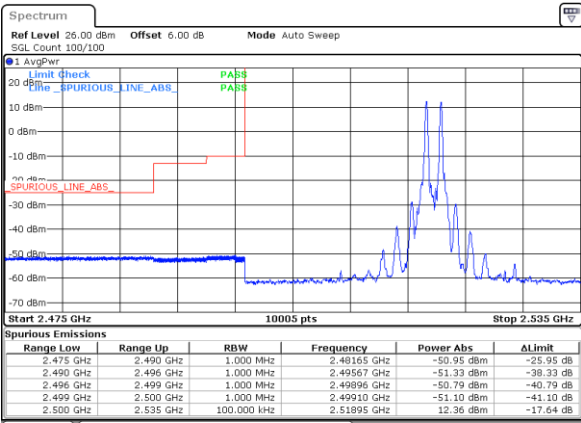


Date: 9 JAN 2023 15:27:18

Date: 9 JAN 2023 15:44:21

Lowest Band Edge / 1RB99 and 1RB0

Highest Band Edge / 1RB99 and 1RB0

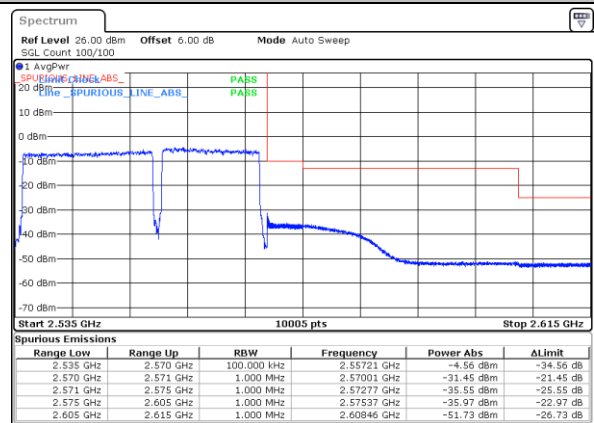
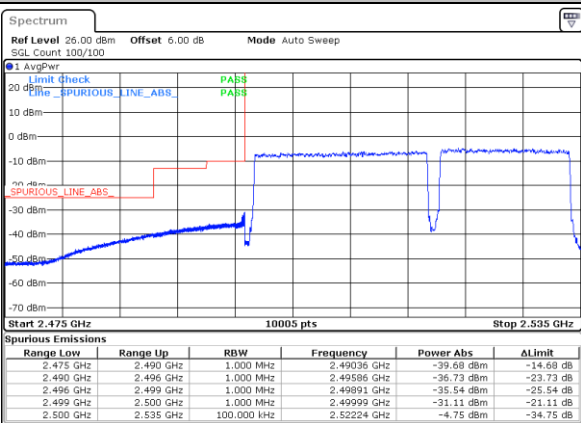


Date: 9 JAN 2023 15:28:46

Date: 9 JAN 2023 15:45:28

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 9 JAN 2023 15:36:42

Date: 9 JAN 2023 15:53:23

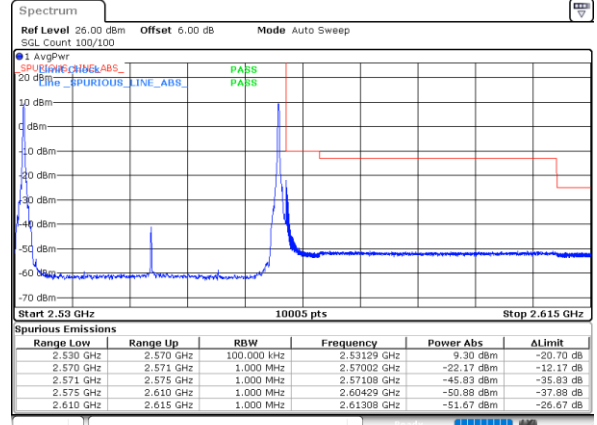
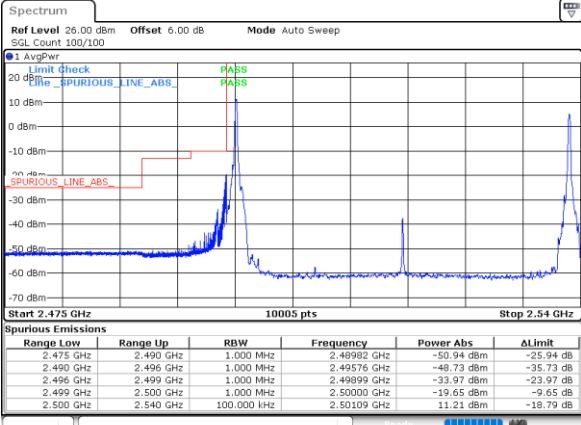


LTE Band 7C / 20MHz+20MHz

256QAM

Lowest Band Edge / 1RB0 and 1RB9

Highest Band Edge / 1RB0 and 1RB9

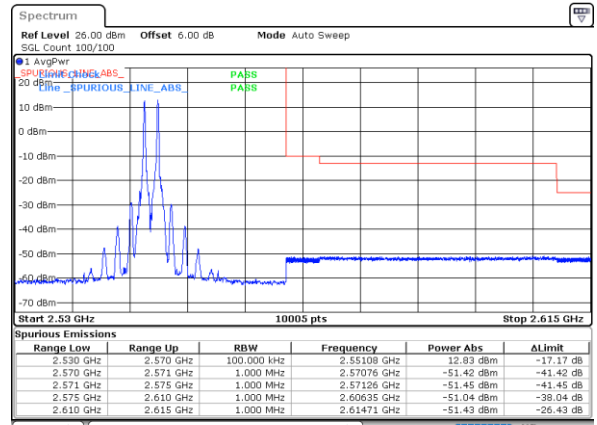
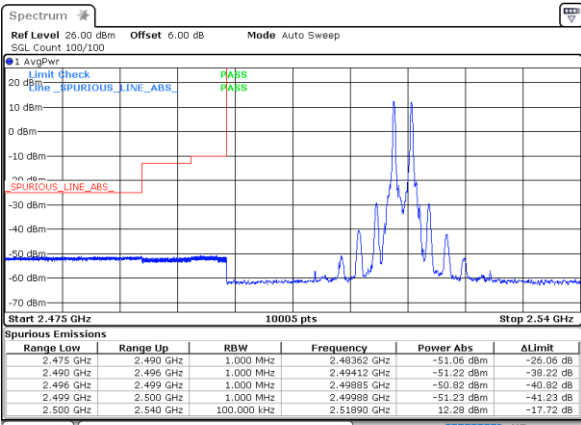


Date: 9 JAN 2023 15:59:30

Date: 9 JAN 2023 16:16:13

Lowest Band Edge / 1RB99 and 1RB0

Highest Band Edge / 1RB99 and 1RB0

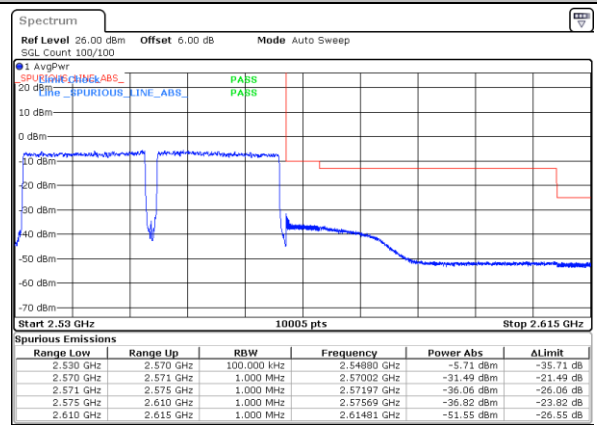
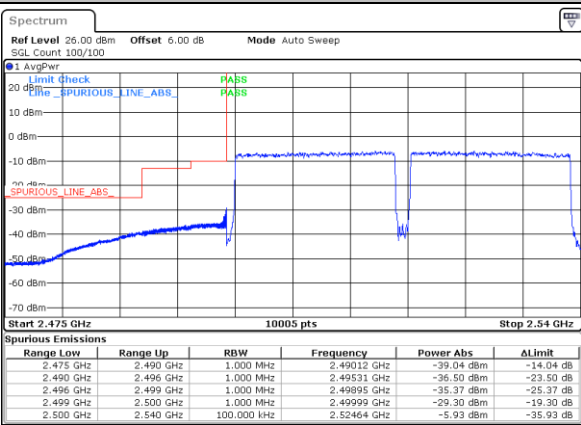


Date: 9 JAN 2023 16:00:38

Date: 9 JAN 2023 16:17:21

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 9 JAN 2023 16:08:34

Date: 9 JAN 2023 16:25:17

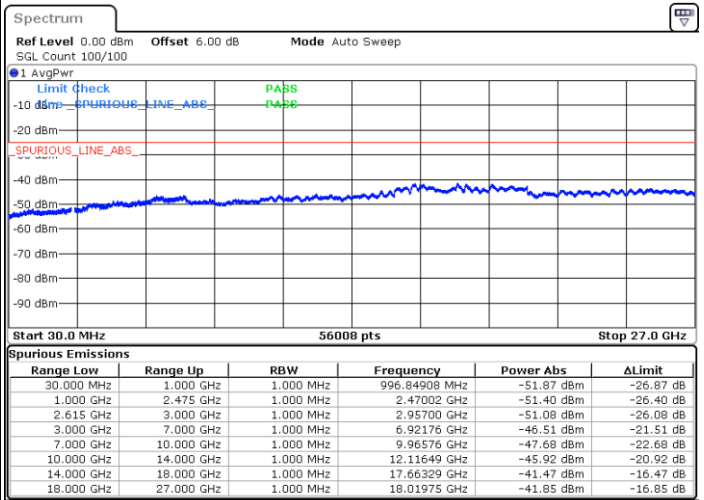
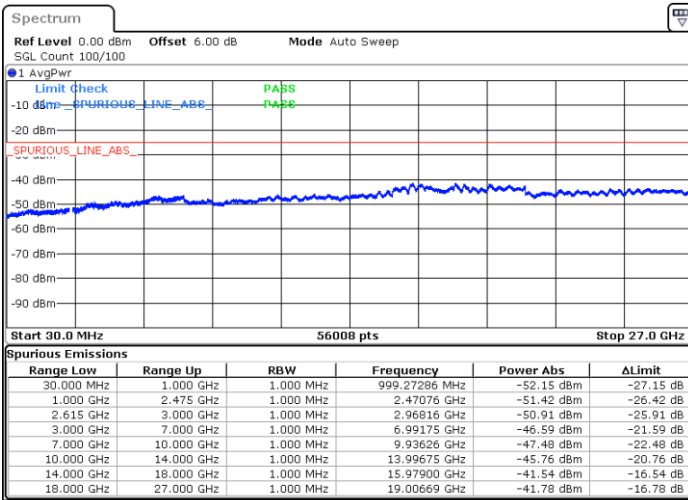


Conducted Spurious Emission

LTE Band 7C / 10MHz+20MHz

Lowest Channel / QPSK

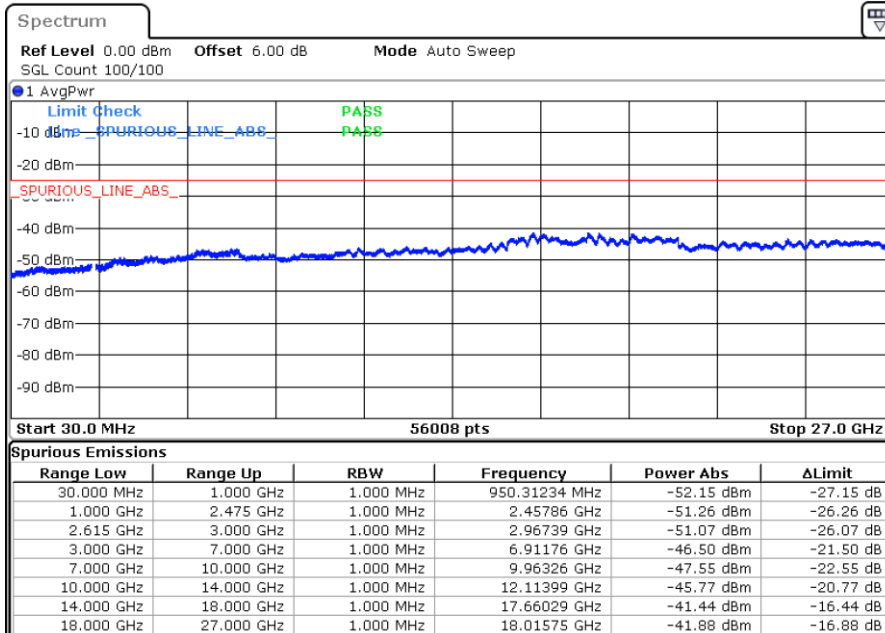
Middle Channel / QPSK



Date: 9.JAN.2023 12:43:09

Date: 9.JAN.2023 12:59:18

Highest Channel / QPSK



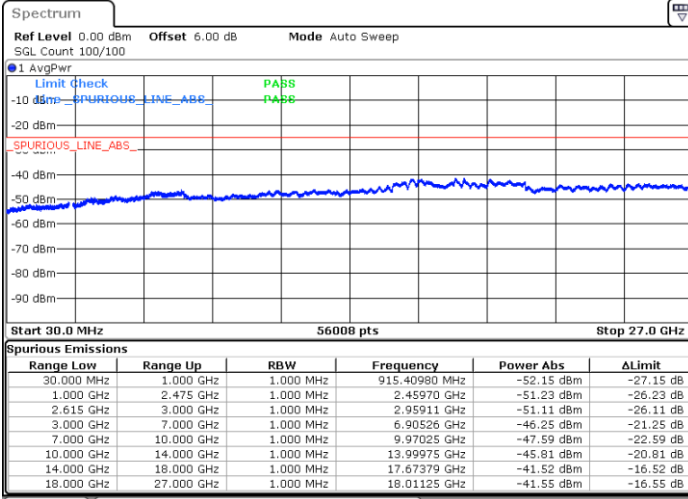
Date: 9.JAN.2023 13:00:51



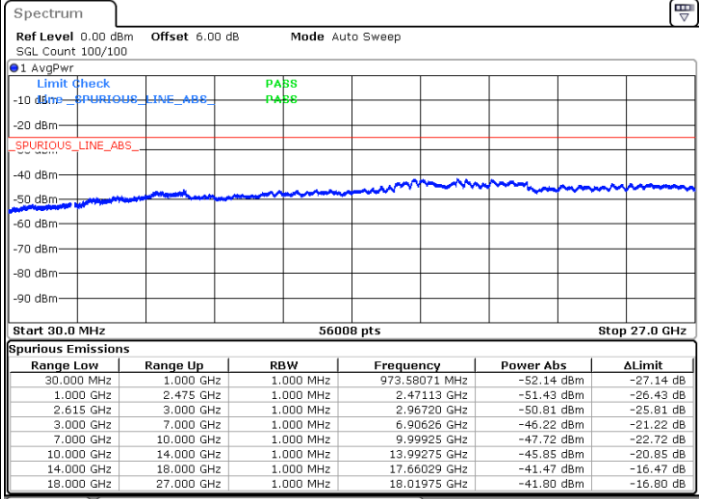
LTE Band 7C / 15MHz+10MHz

Lowest Channel / QPSK

Middle Channel / QPSK

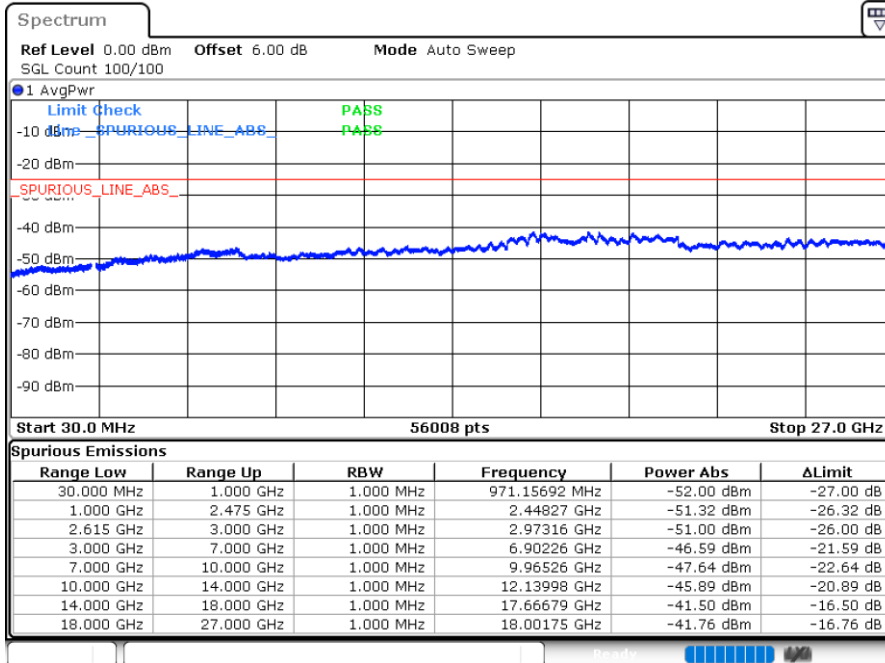


Date: 9.JAN.2023 13:15:56



Date: 9.JAN.2023 13:31:03

Highest Channel / QPSK



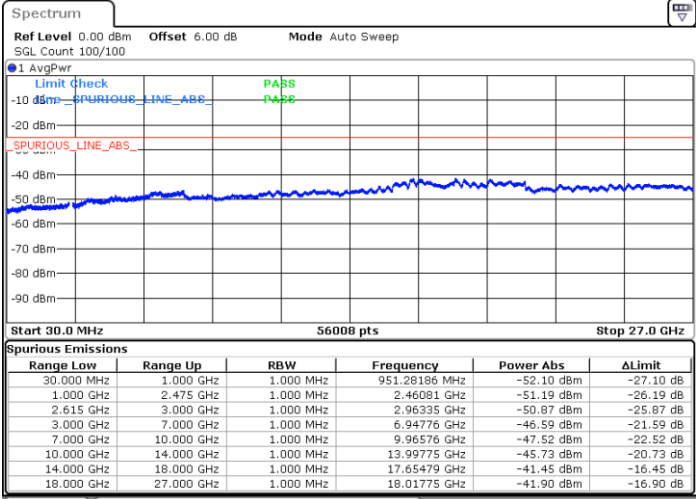
Date: 9.JAN.2023 13:32:36



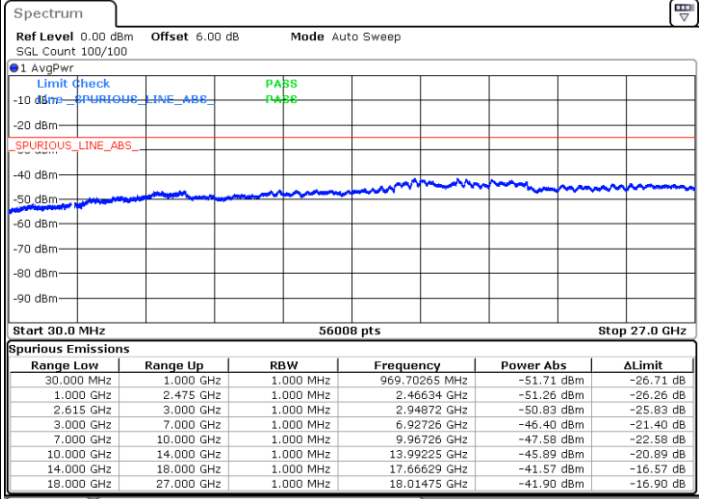
LTE Band 7C / 15MHz+15MHz

Lowest Channel / QPSK

Middle Channel / QPSK

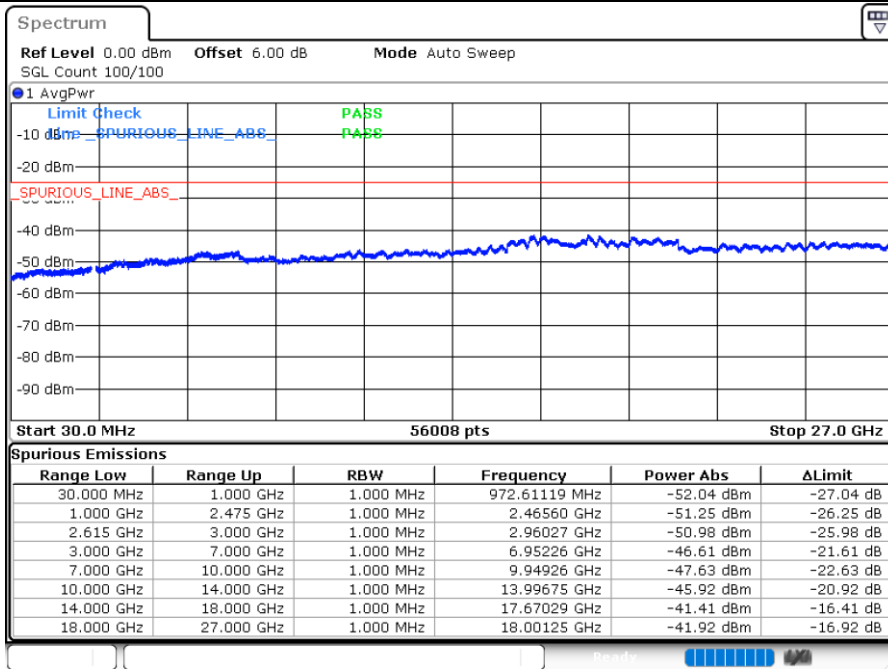


Date: 9.JAN.2023 13:47:41



Date: 9.JAN.2023 14:02:49

Highest Channel / QPSK



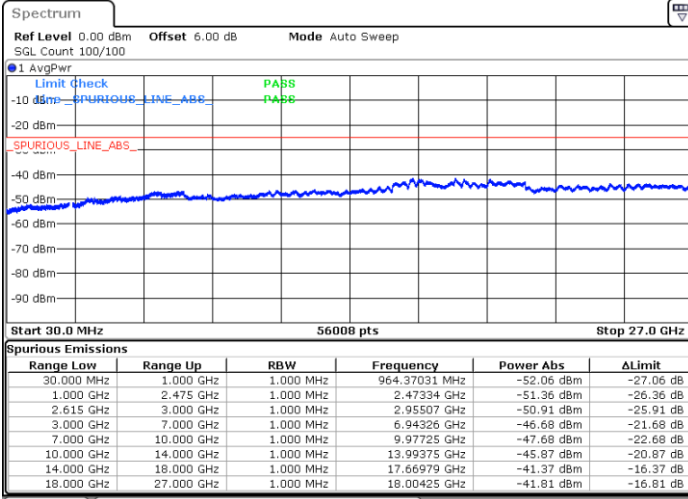
Date: 9.JAN.2023 14:04:23



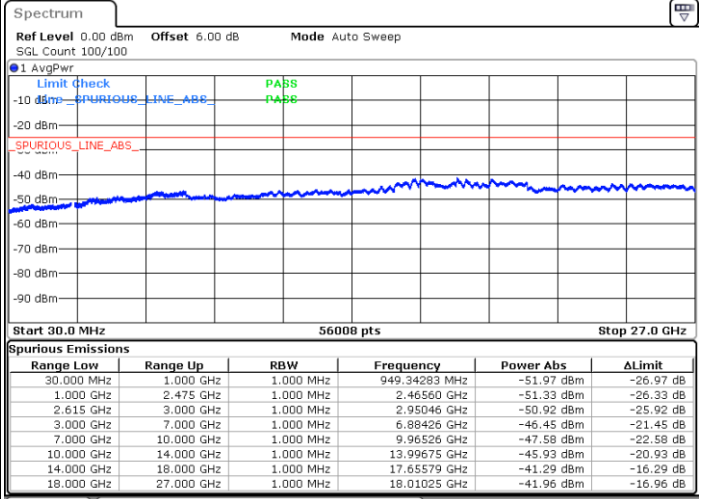
LTE Band 7C / 15MHz+20MHz

Lowest Channel / QPSK

Middle Channel / QPSK

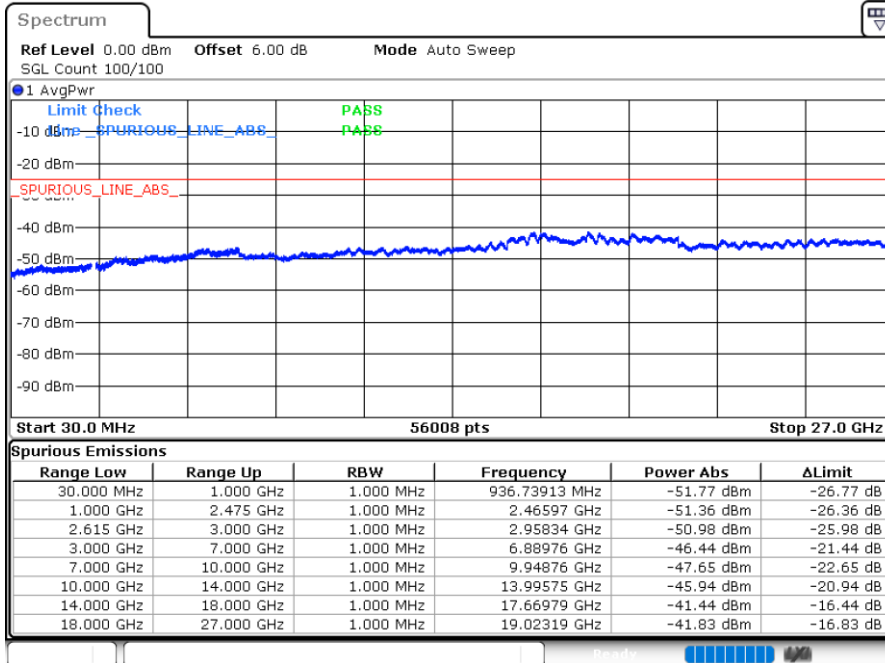


Date: 9.JAN.2023 14:19:29



Date: 9.JAN.2023 14:34:37

Highest Channel / QPSK



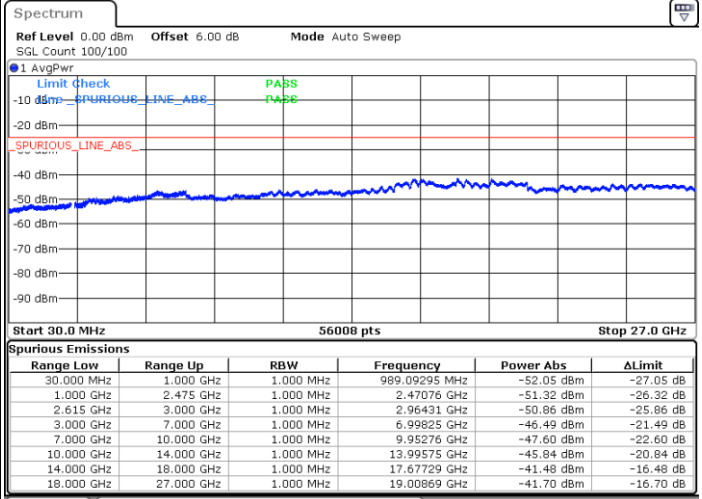
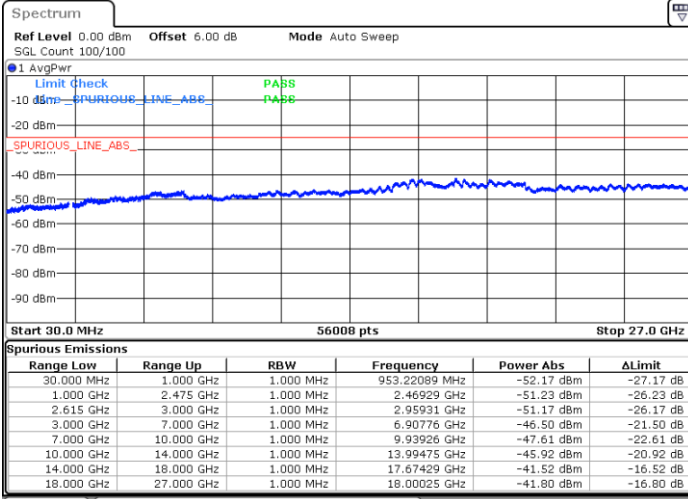
Date: 9.JAN.2023 14:36:10



LTE Band 7C / 20MHz+10MHz

Lowest Channel / QPSK

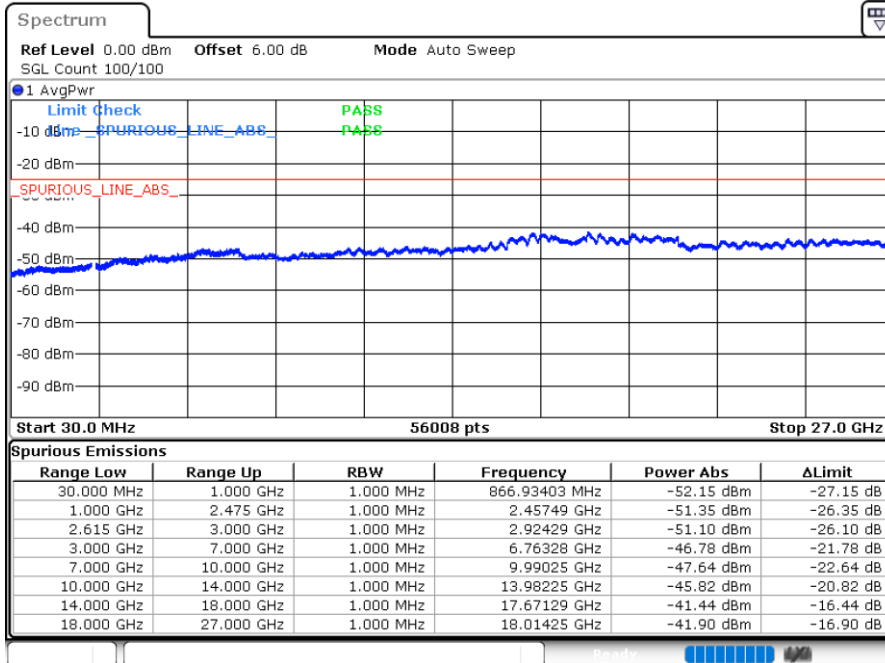
Middle Channel / QPSK



Date: 9.JAN.2023 14:51:16

Date: 9.JAN.2023 15:06:25

Highest Channel / QPSK



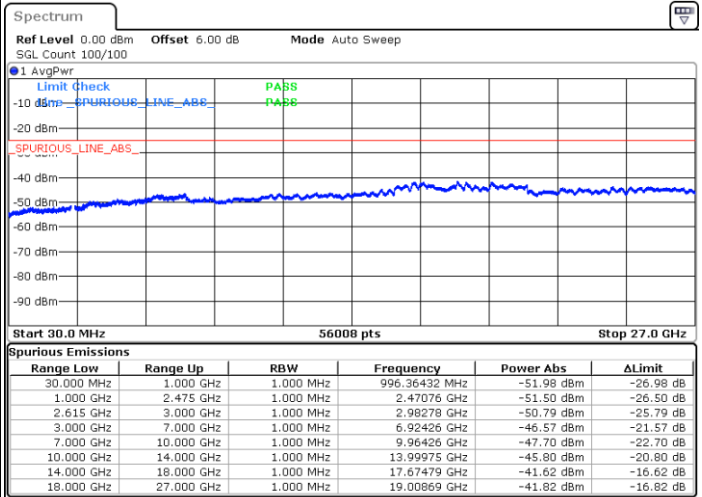
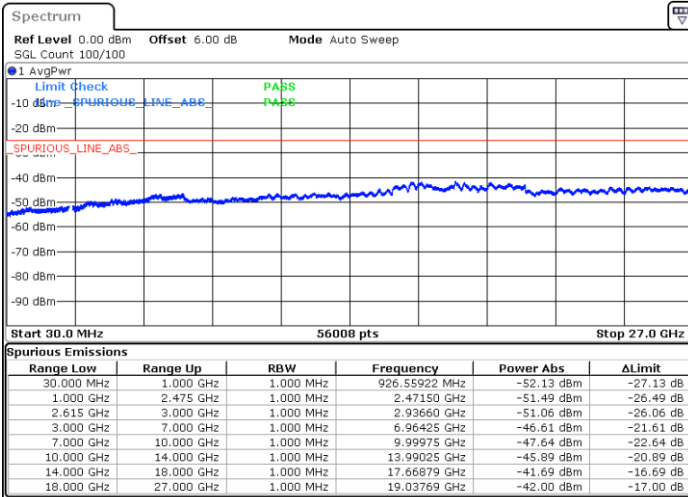
Date: 9.JAN.2023 15:07:58



LTE Band 7C / 20MHz+15MHz

Lowest Channel / QPSK

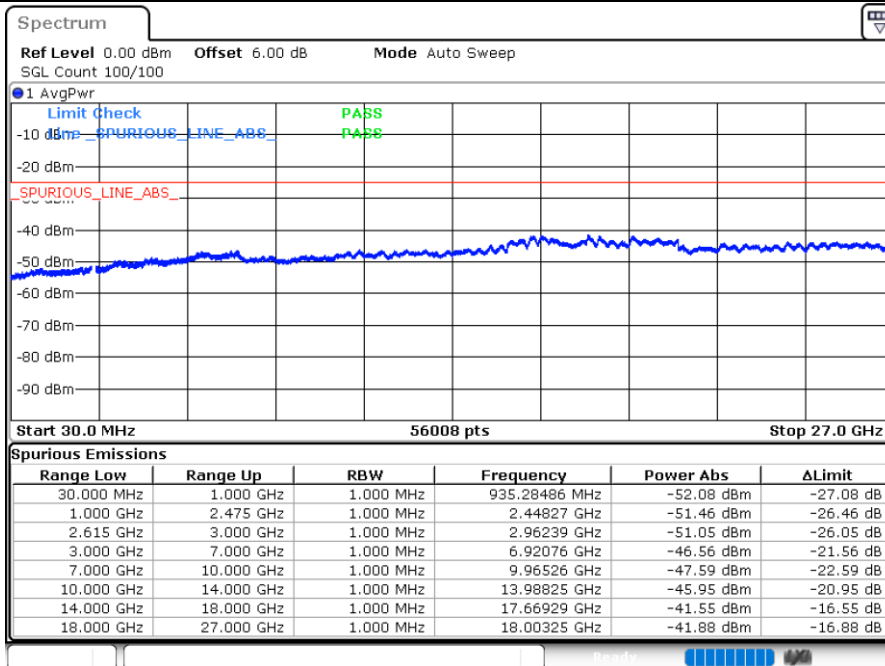
Middle Channel / QPSK



Date: 9.JAN.2023 15:23:06

Date: 9.JAN.2023 15:38:16

Highest Channel / QPSK



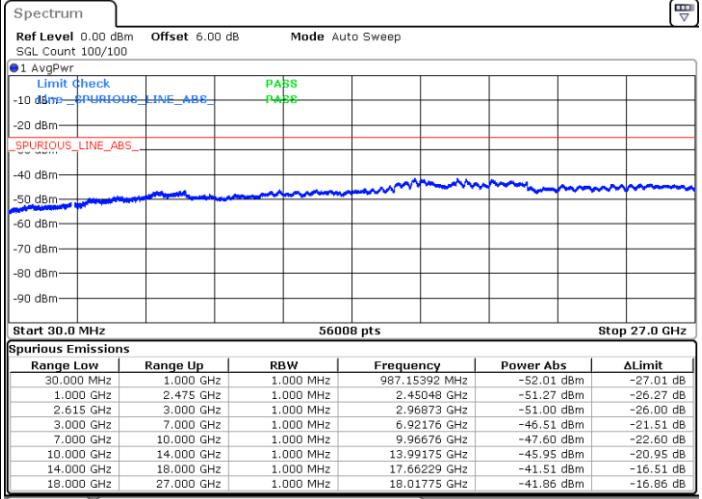
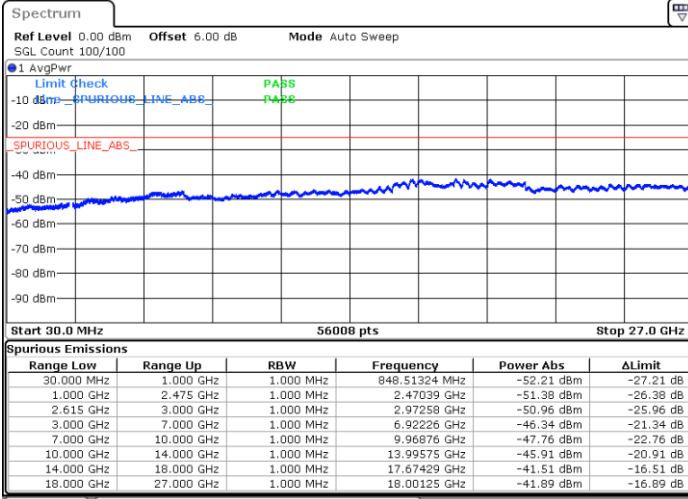
Date: 9.JAN.2023 15:39:50



LTE Band 7C /20MHz+20MHz

Lowest Channel / QPSK

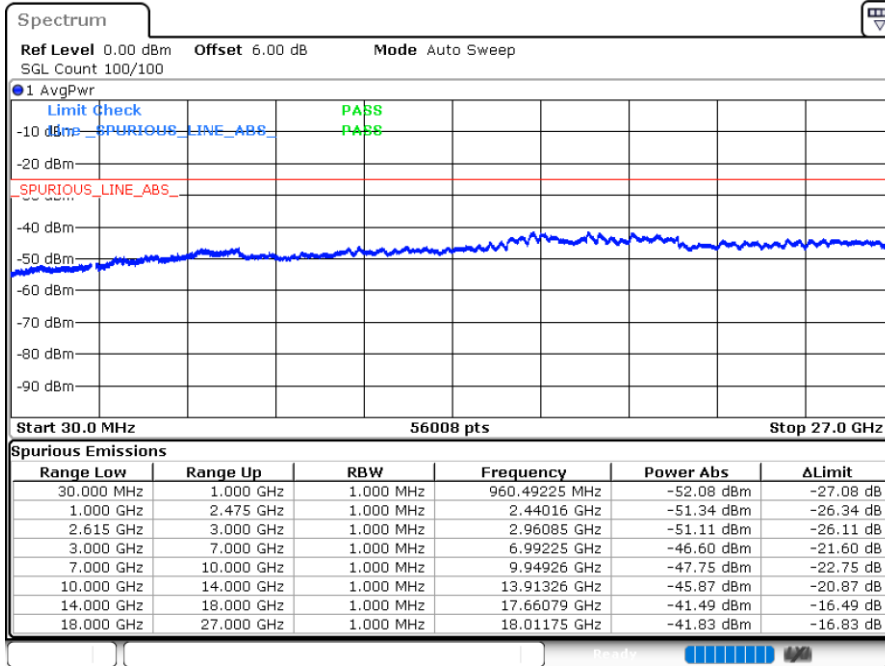
Middle Channel / QPSK



Date: 9.JAN.2023 15:54:58

Date: 9.JAN.2023 16:10:08

Highest Channel / QPSK



Date: 9.JAN.2023 16:11:42



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	0.0025	PASS
40	Normal Voltage	0.0031	
30	Normal Voltage	0.0014	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0003	
0	Normal Voltage	0.0019	
-10	Normal Voltage	0.0017	
-20	Normal Voltage	0.0023	
-30	Normal Voltage	0.0014	
20	Maximum Voltage	0.0006	
20	Normal Voltage	0.0015	
20	Battery End Point	0.0011	

Note:

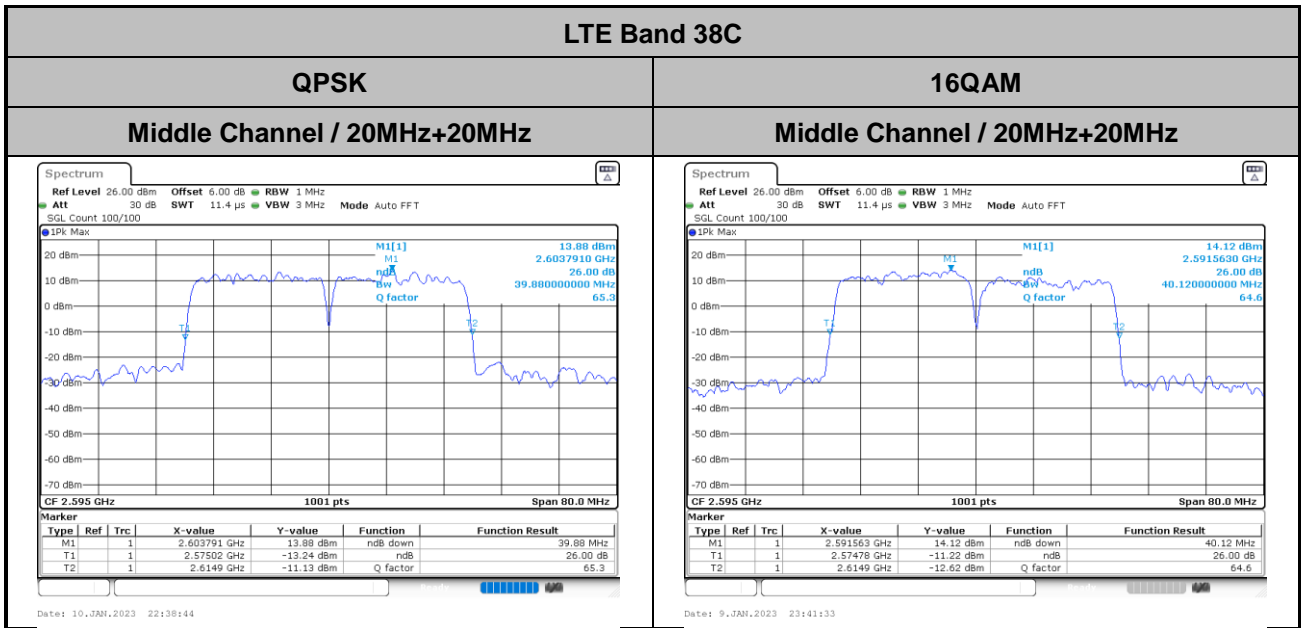
1. Normal Voltage =3.87 V. ; Battery End Point (BEP) =3.6V. ; Maximum Voltage =4.45 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



LTE Band 38C

26dB Bandwidth

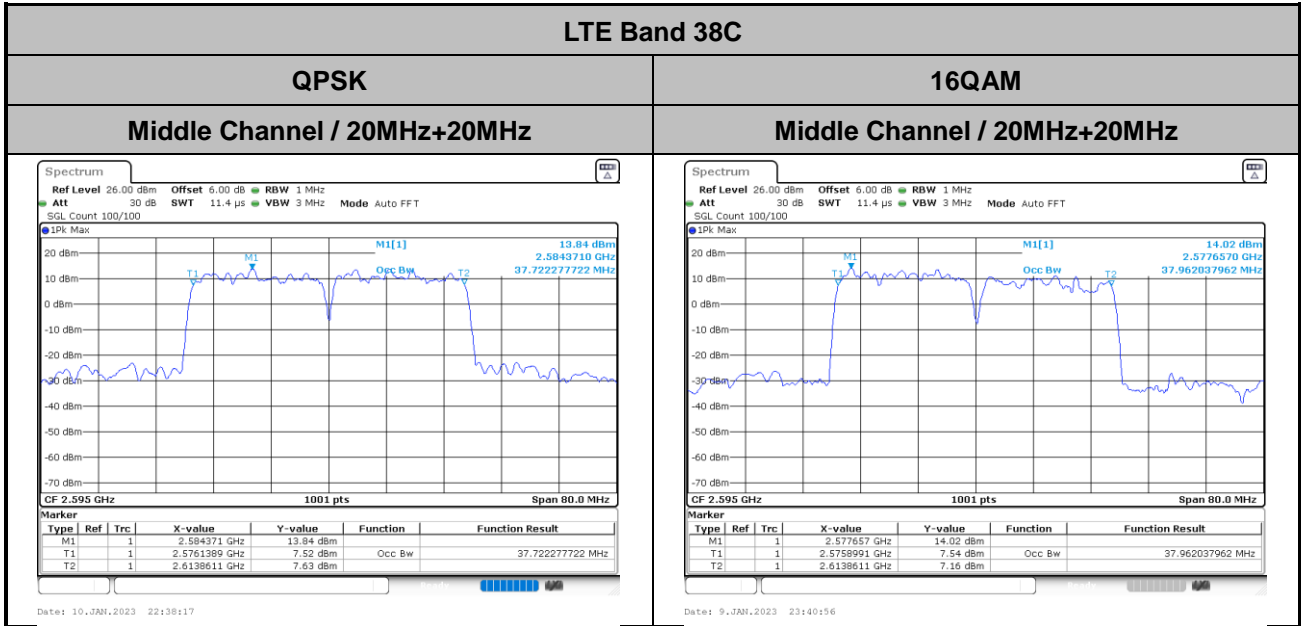
Mode	LTE Band 38C : 26dB BW(MHz)	
Mod.	QPSK	16QAM
BW	20MHz+20MHz	20MHz+20MHz
Middle CH	39.88	40.12





Occupied Bandwidth

Mode	LTE Band 38C : 99%OBW(MHz)	
Mod.	QPSK	16QAM
BW	20MHz+20MHz	20MHz+20MHz
Middle CH	37.72	37.96

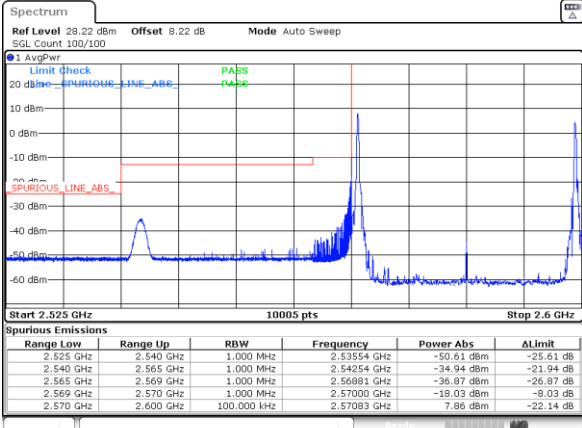




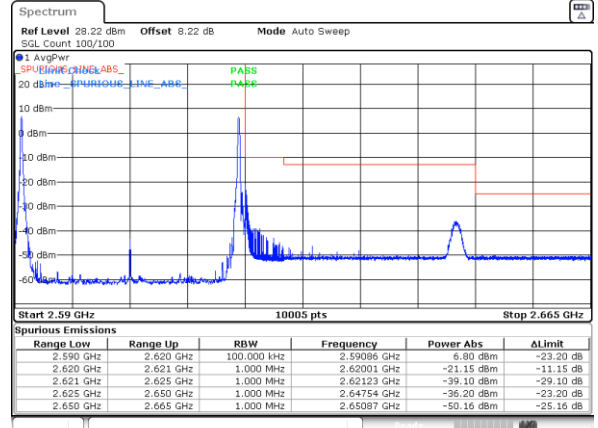
Conducted Band Edge

LTE Band 38C / 15MHz+15MHz QPSK

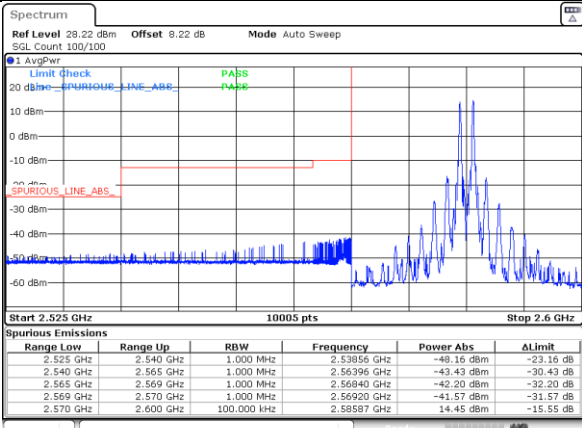
Lowest Band Edge / 1RB0 and 1RB74



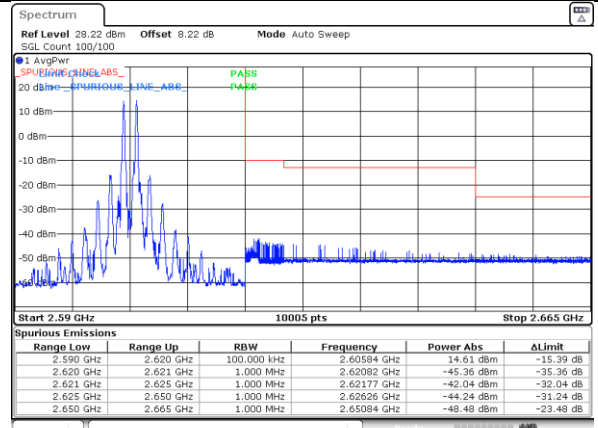
Highest Band Edge / 1RB0 and 1RB74



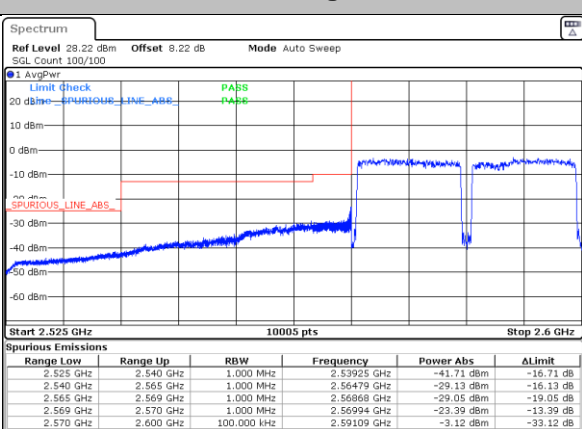
Lowest Band Edge / 1RB74 and 1RB0



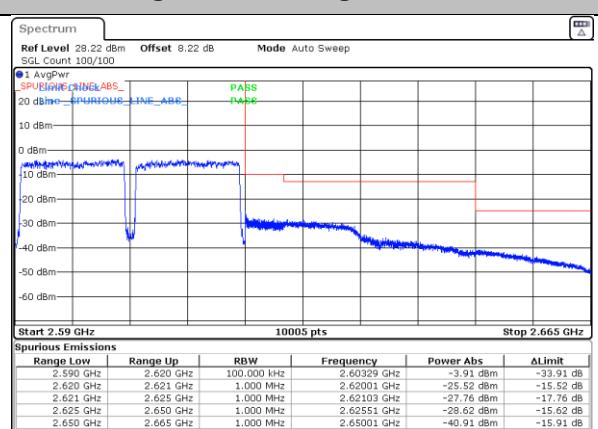
Highest Band Edge / 1RB74 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

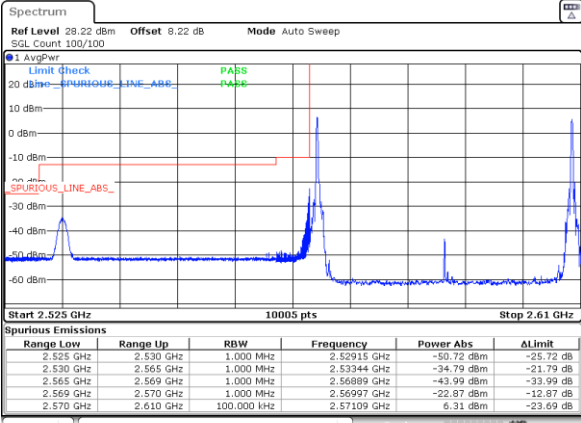




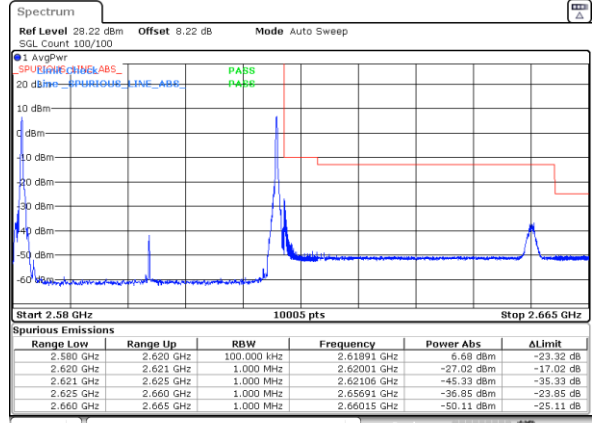
LTE Band 38C / 20MHz+20MHz

QPSK

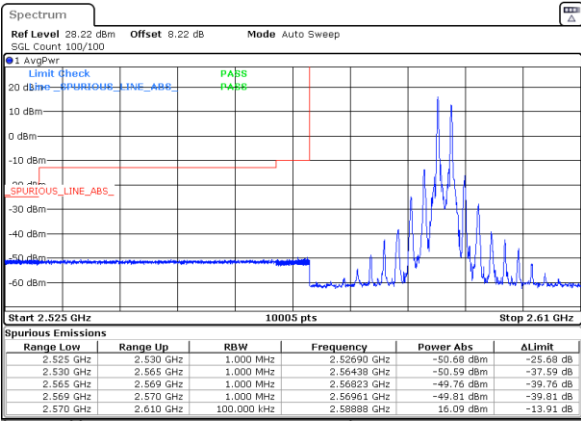
Lowest Band Edge / 1RB0 and 1RB9



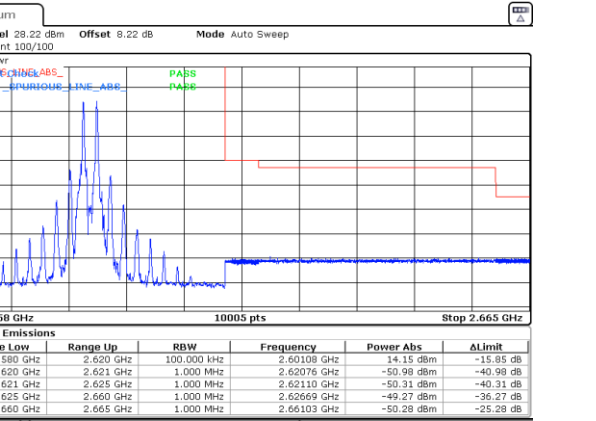
Highest Band Edge / 1RB0 and 1RB9



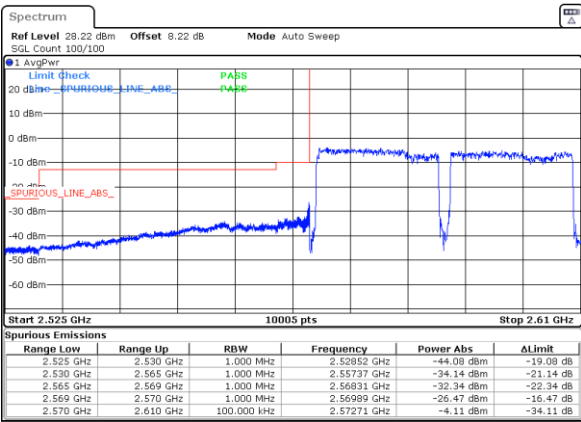
Lowest Band Edge / 1RB99 and 1RB0



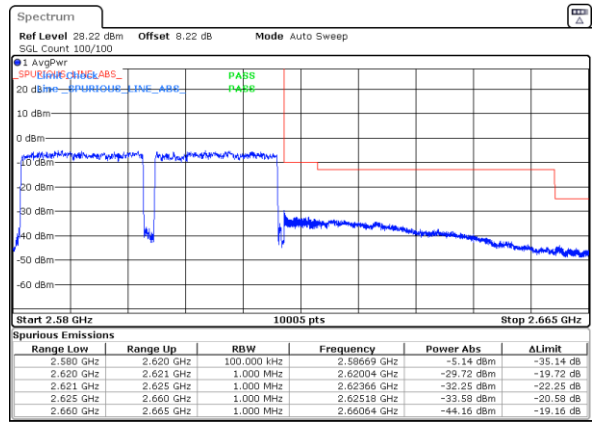
Highest Band Edge / 1RB99 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

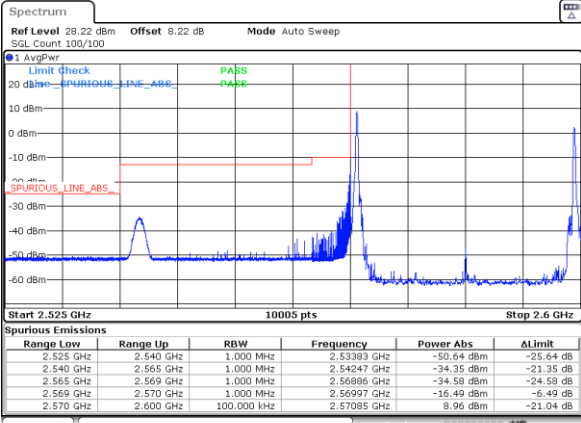




LTE Band 38C / 15MHz+15MHz

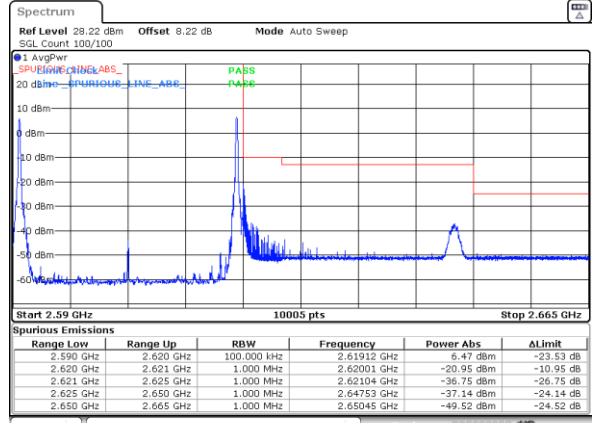
16QAM

Lowest Band Edge / 1RB0 and 1RB74



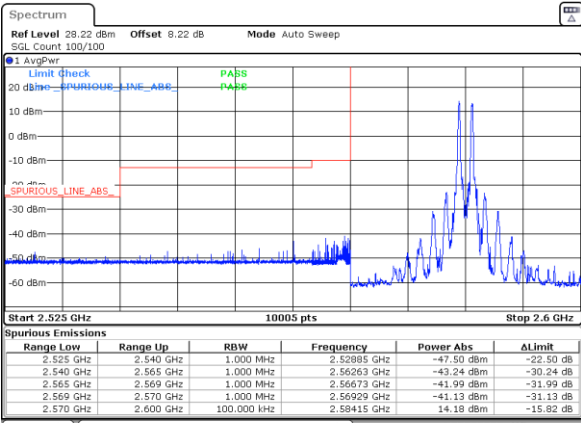
Date: 9 JAN 2023 22:06:11

Highest Band Edge / 1RB0 and 1RB74



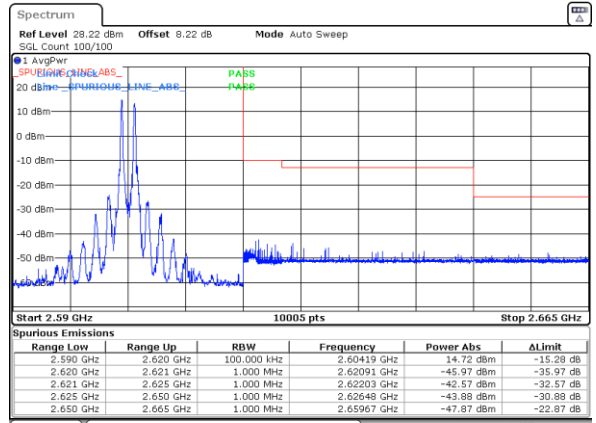
Date: 9 JAN 2023 22:48:04

Lowest Band Edge / 1RB74 and 1RB0



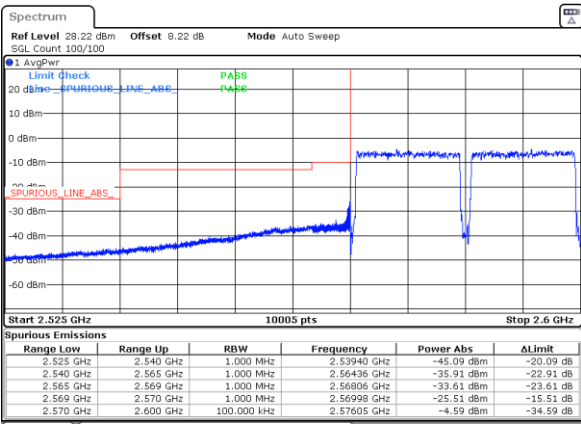
Date: 9 JAN 2023 22:32:59

Highest Band Edge / 1RB74 and 1RB0



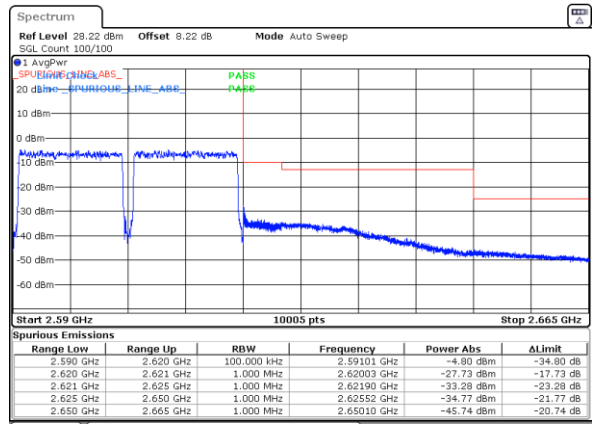
Date: 9 JAN 2023 22:44:58

Lowest Band Edge / Full RB



Date: 9 JAN 2023 22:36:29

Highest Band Edge / Full RB



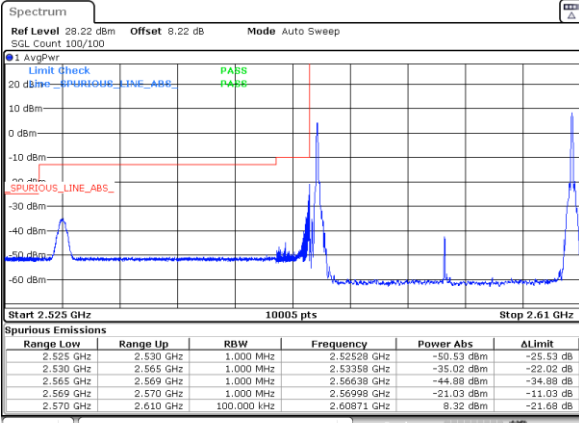
Date: 9 JAN 2023 22:51:29



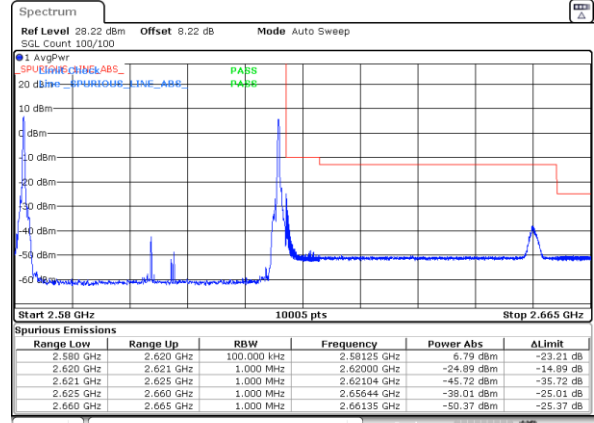
LTE Band 38C / 20MHz+20MHz

16QAM

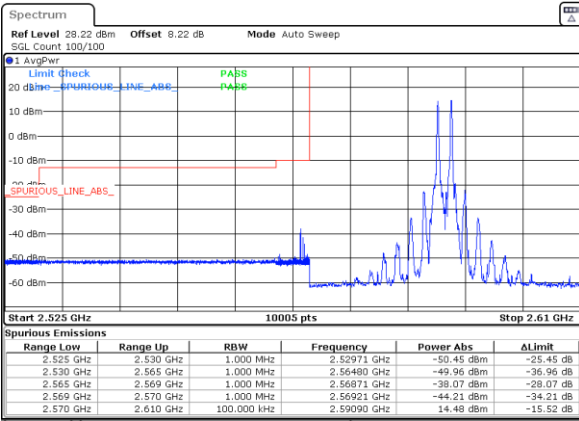
Lowest Band Edge / 1RB0 and 1RB9



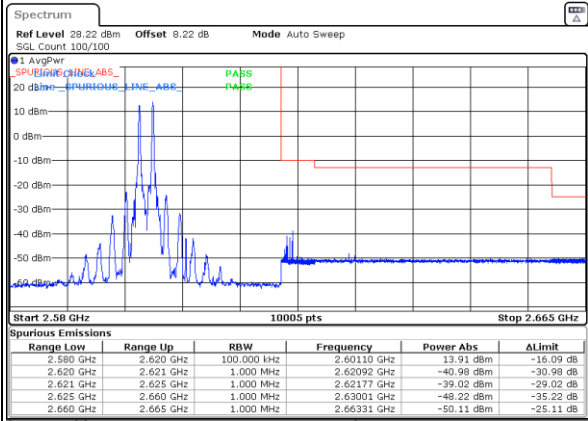
Highest Band Edge / 1RB0 and 1RB9



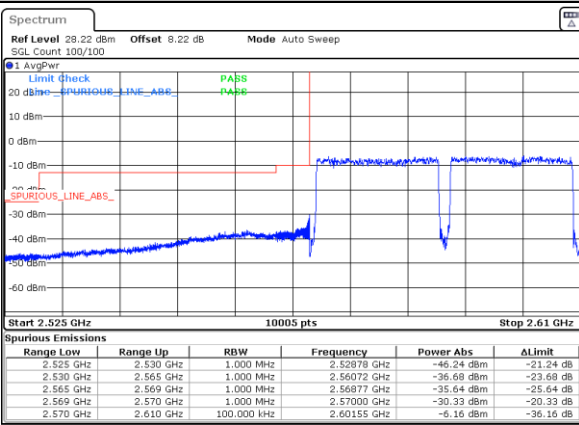
Lowest Band Edge / 1RB99 and 1RB0



Highest Band Edge / 1RB99 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

