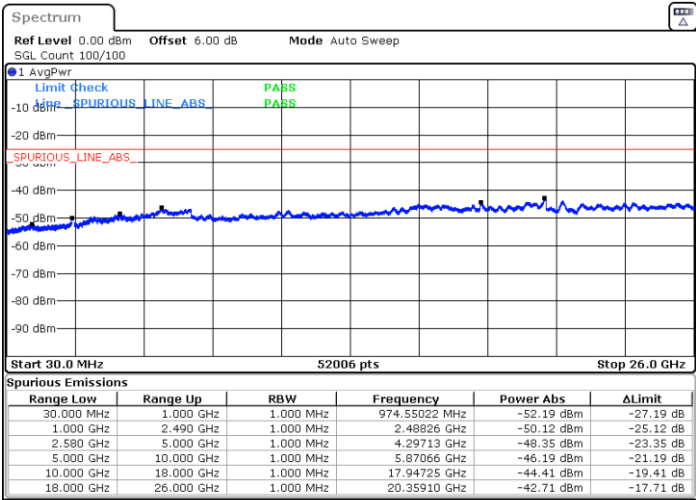




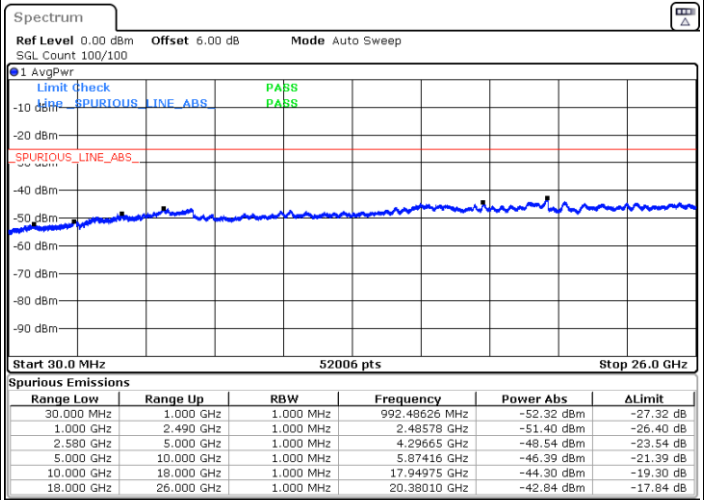
LTE Band 7 / 10MHz

Lowest Channel / QPSK

Middle Channel / QPSK

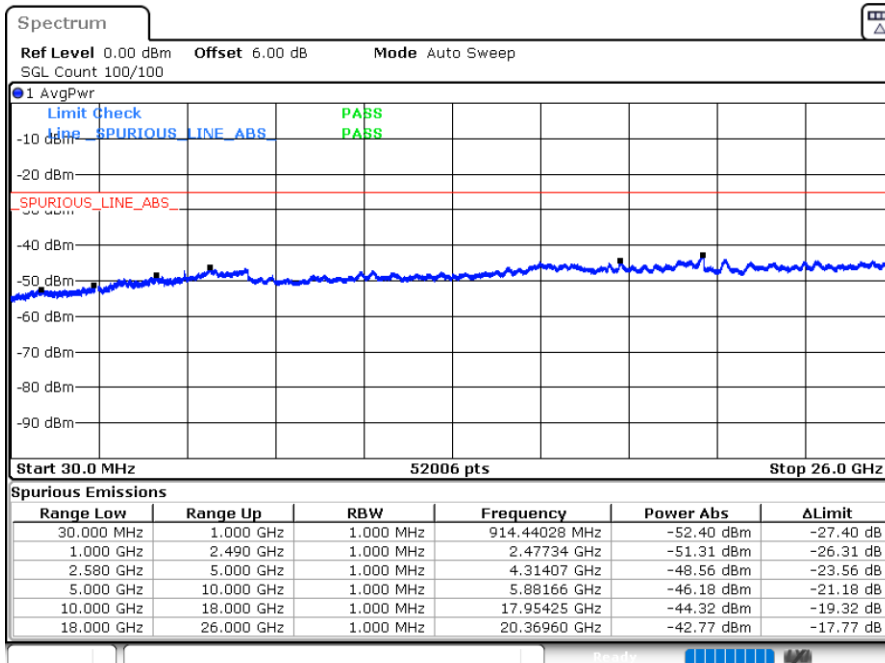


Date: 6.SEP.2022 21:01:28



Date: 6.SEP.2022 21:08:53

Highest Channel / QPSK

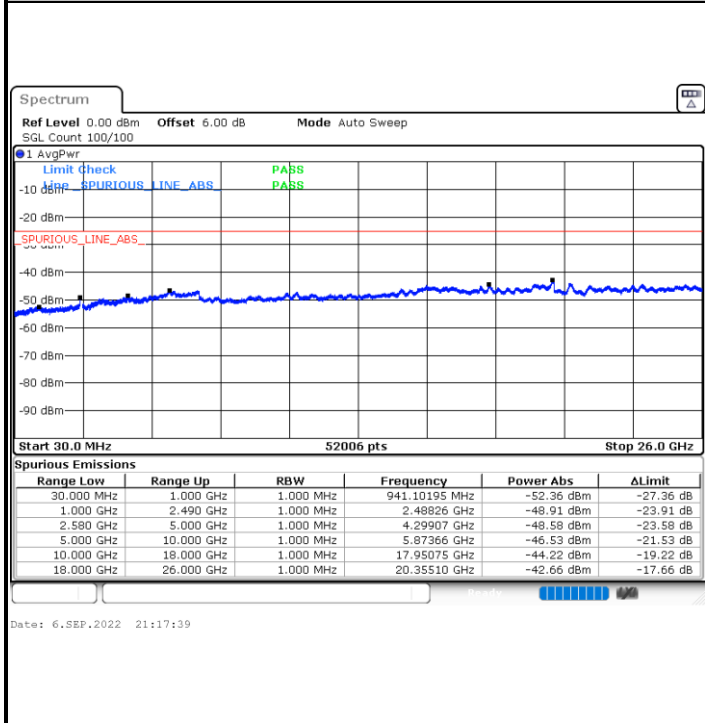


Date: 6.SEP.2022 21:10:13

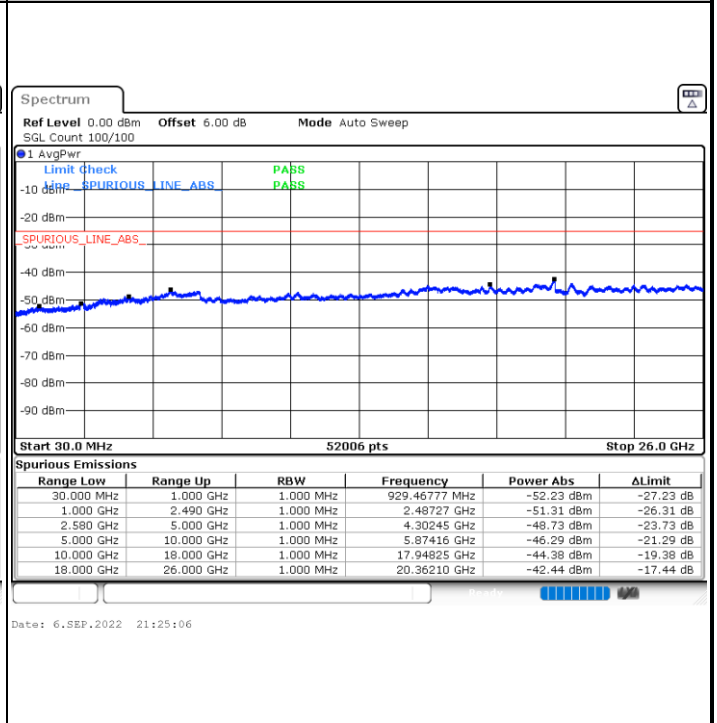


LTE Band 7 / 15MHz

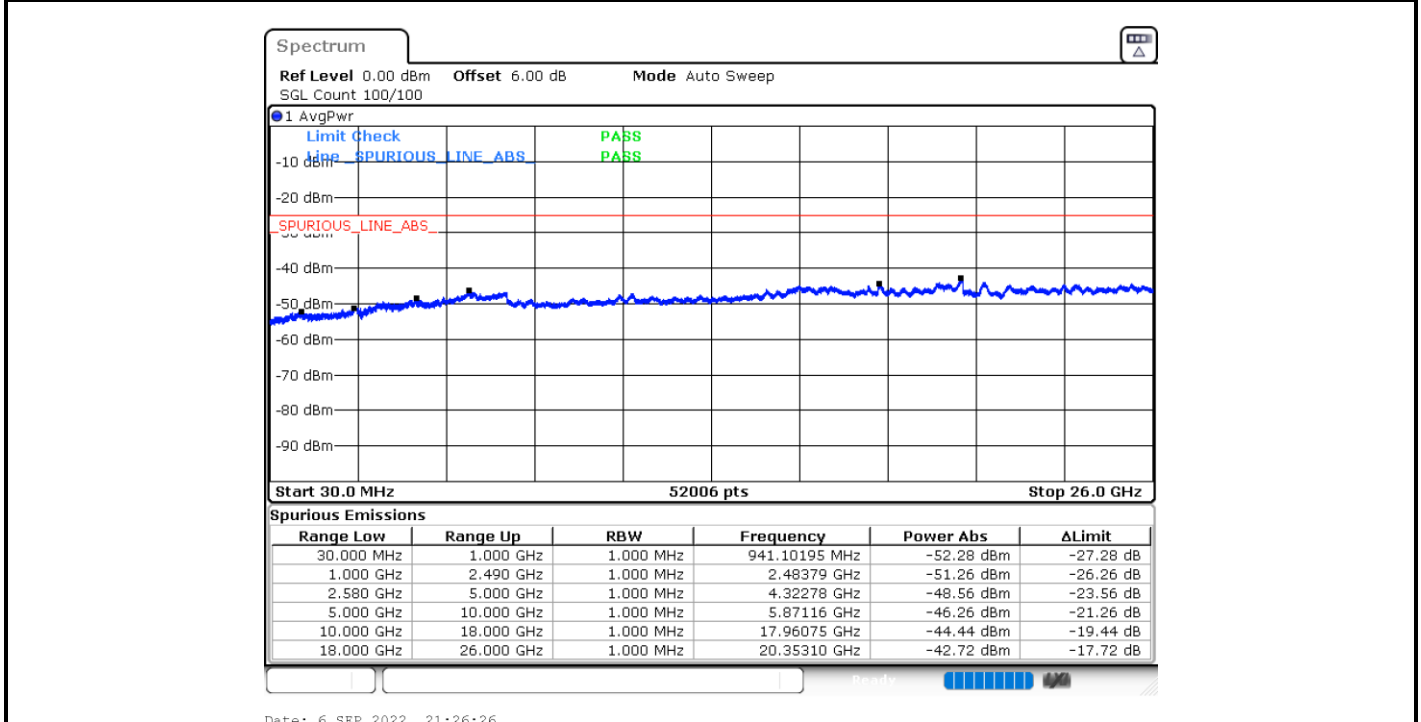
Lowest Channel / QPSK



Middle Channel / QPSK



Highest Channel / QPSK

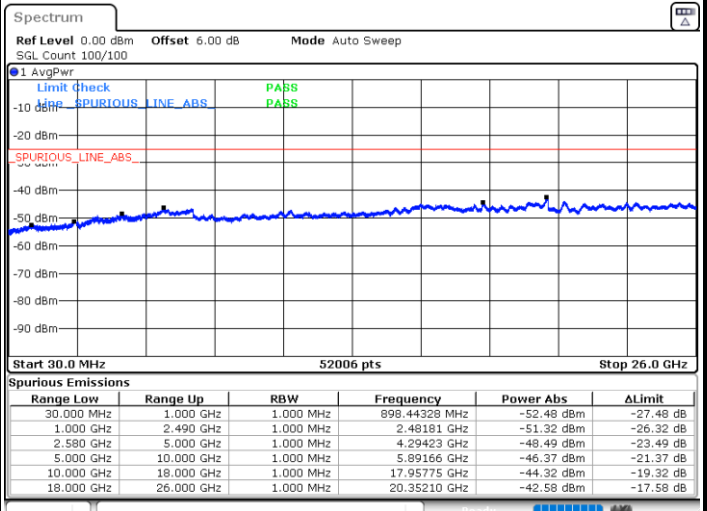
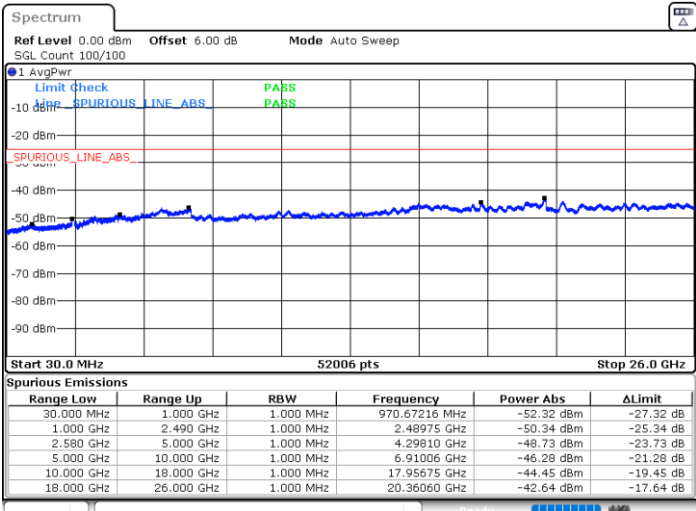




LTE Band 7 / 20MHz

Lowest Channel / QPSK

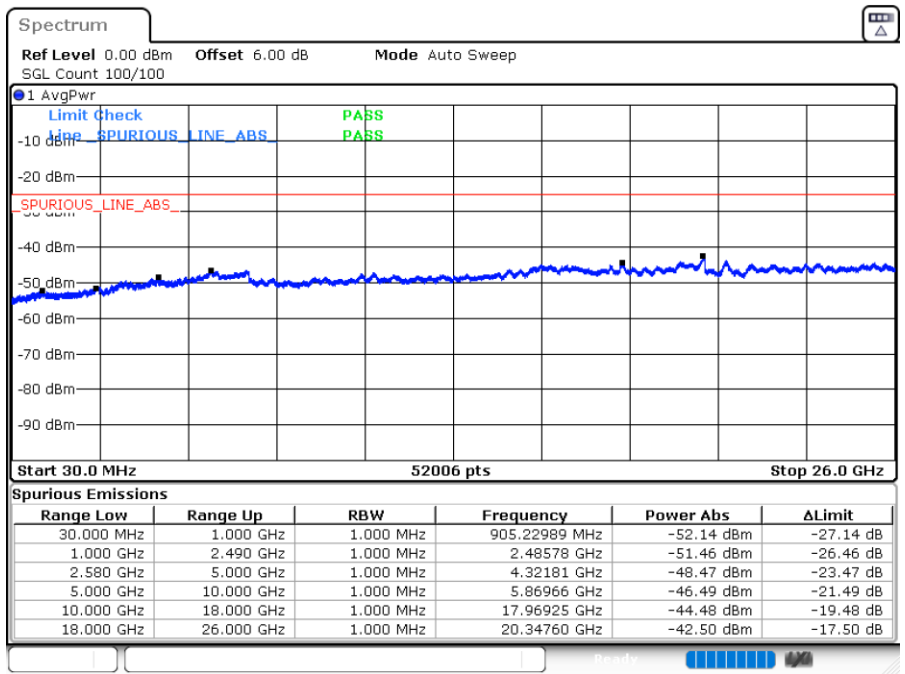
Middle Channel / QPSK



Date: 6.SEP.2022 21:44:31

Date: 6.SEP.2022 21:51:58

Highest Channel / QPSK



Date: 6.SEP.2022 21:53:18



Frequency Stability

Test Conditions		LTE Band 7 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0022	PASS
40	Normal Voltage	0.0021	
30	Normal Voltage	0.0011	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0011	
0	Normal Voltage	0.0015	
-10	Normal Voltage	0.0011	
-20	Normal Voltage	0.0021	
-30	Normal Voltage	0.0006	
20	Maximum Voltage	0.0012	
20	Normal Voltage	0.0015	
20	Battery End Point	0.0005	

Note:

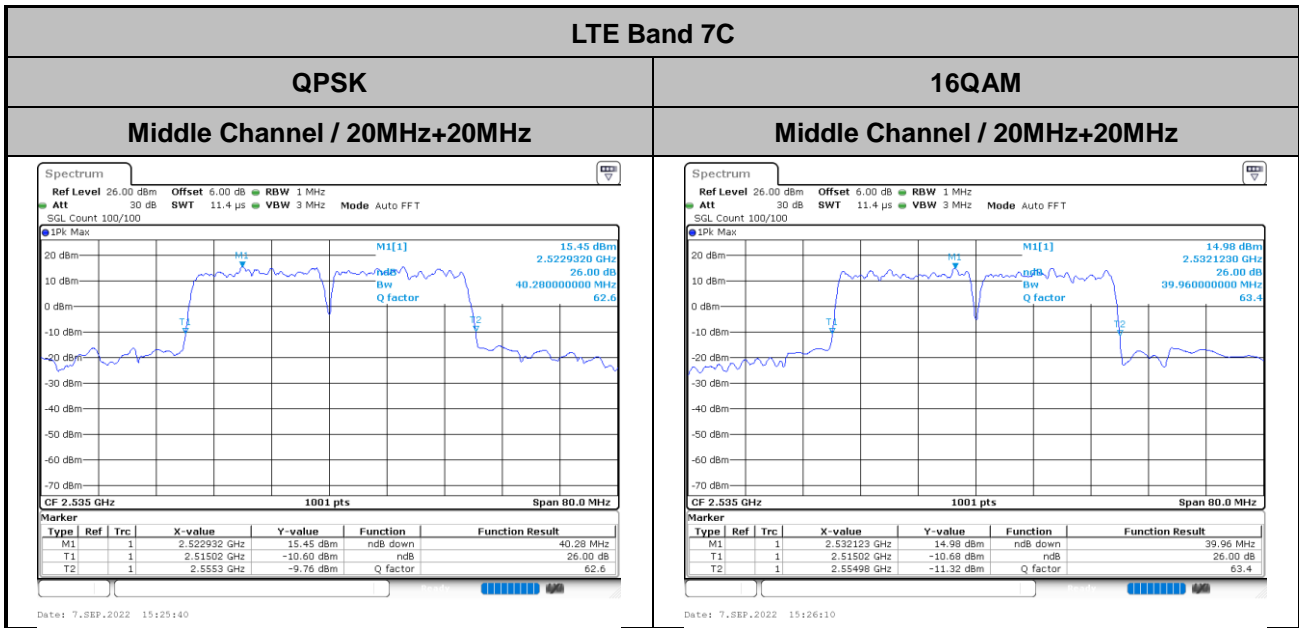
1. Normal Voltage =3.89 V. ; Battery End Point (BEP) =3.4 V. ; Maximum Voltage =4.48 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



LTE Band 7C

26dB Bandwidth

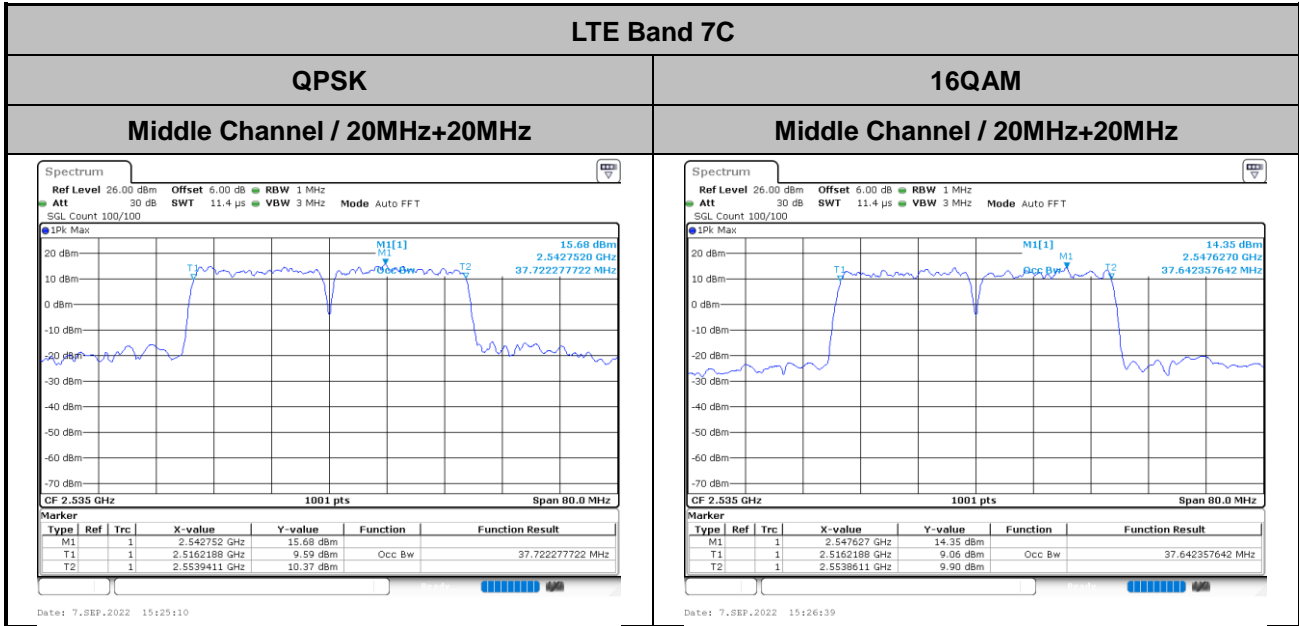
Mode	LTE Band 7C : 26dB BW(MHz)	
Mod.	QPSK	16QAM
BW	20MHz+20MHz	20MHz+20MHz
Middle CH	40.28	39.96





Occupied Bandwidth

Mode	LTE Band 7C : 99%OBW(MHz)	
Mod.	QPSK	16QAM
BW	20MHz+20MHz	20MHz+20MHz
Middle CH	37.72	37.64





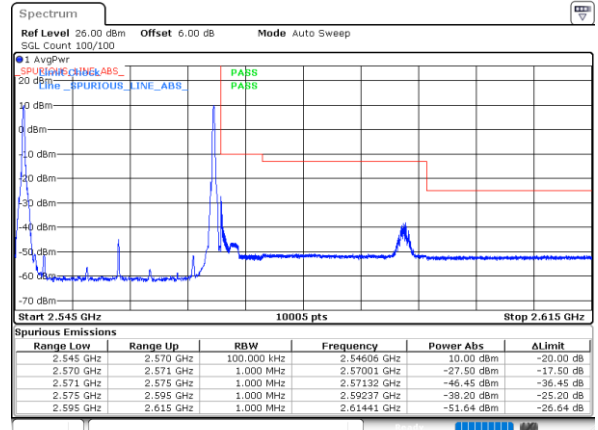
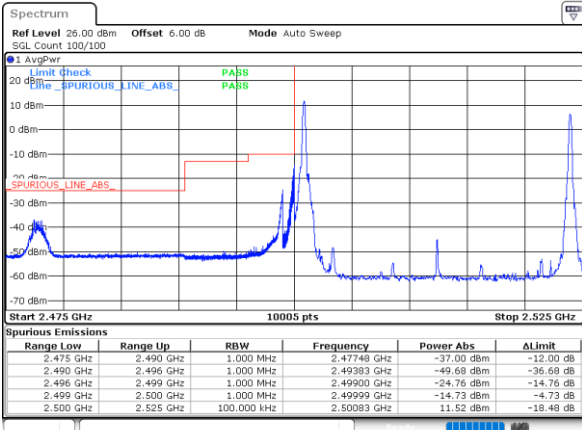
Conducted Band Edge

LTE Band 7C / 15MHz+10MHz

QPSK

Lowest Band Edge / 1RB0 and 1RB49

Highest Band Edge / 1RB0 and 1RB49

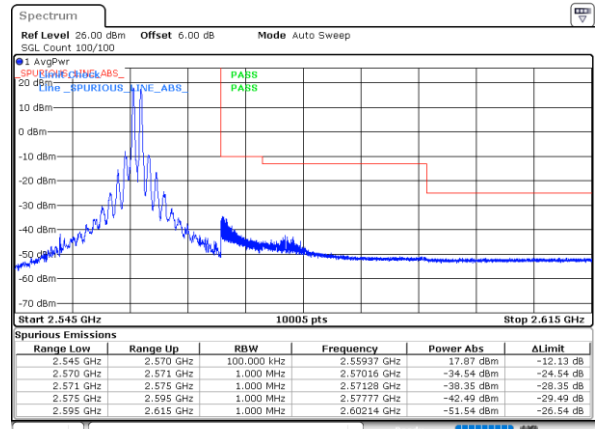
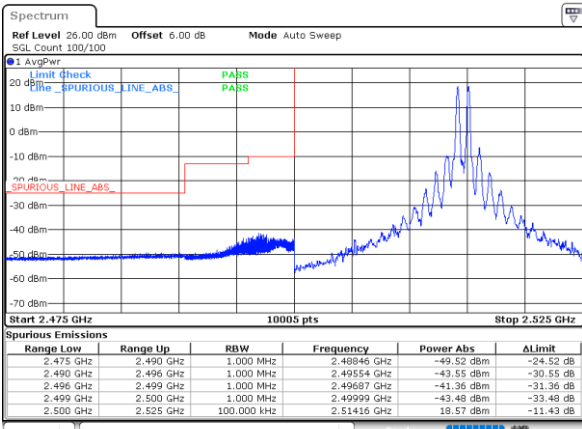


Date: 7_SEP.2022 11:23:57

Date: 7_SEP.2022 11:45:05

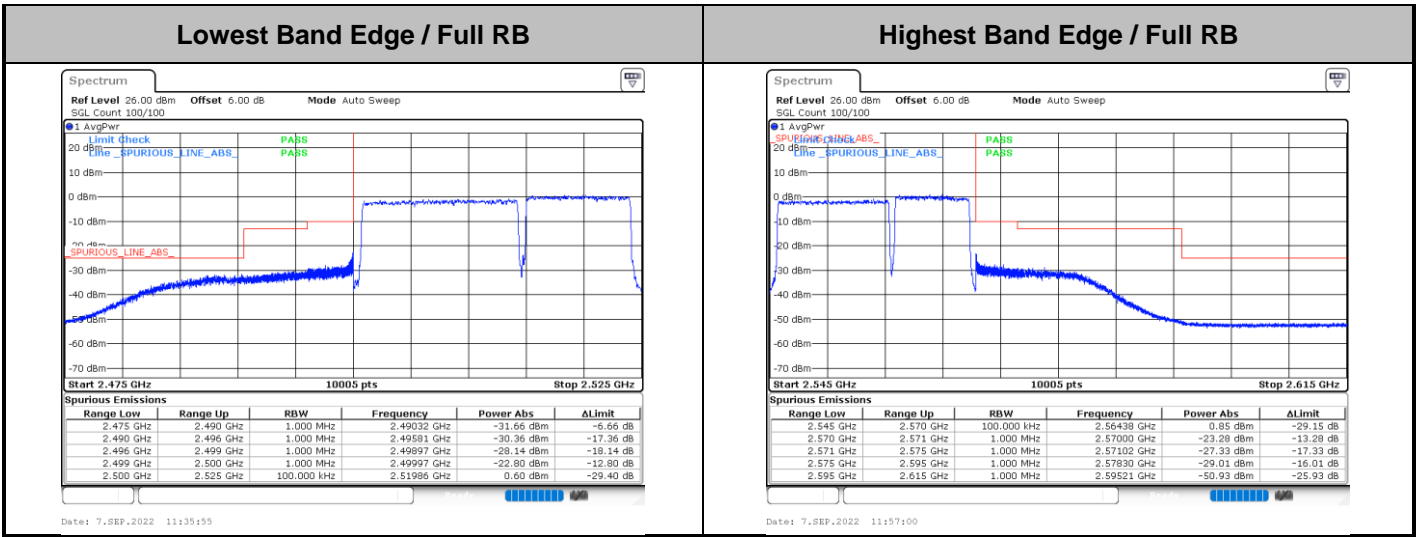
Lowest Band Edge / 1RB74 and 1RB0

Highest Band Edge / 1RB74 and 1RB0



Date: 7_SEP.2022 11:34:25

Date: 7_SEP.2022 11:55:30



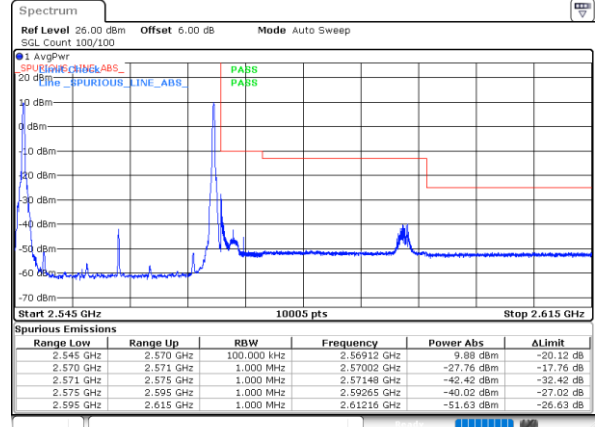
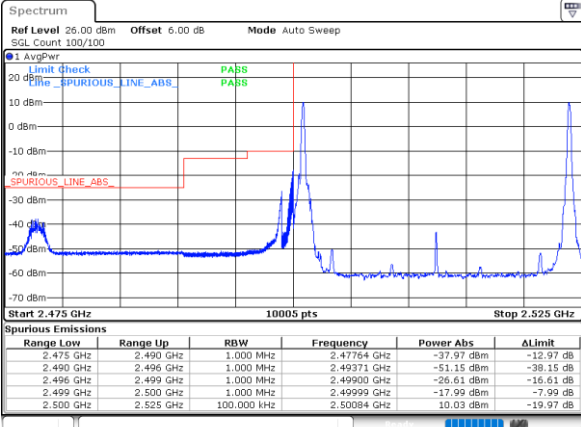


LTE Band 7C / 15MHz+10MHz

16QAM

Lowest Band Edge / 1RB0 and 1RB49

Highest Band Edge / 1RB0 and 1RB49

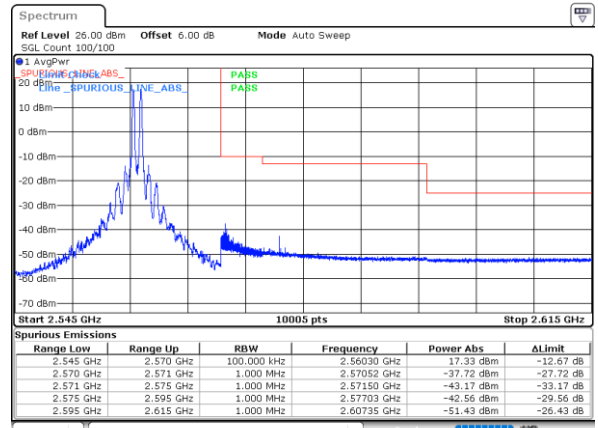
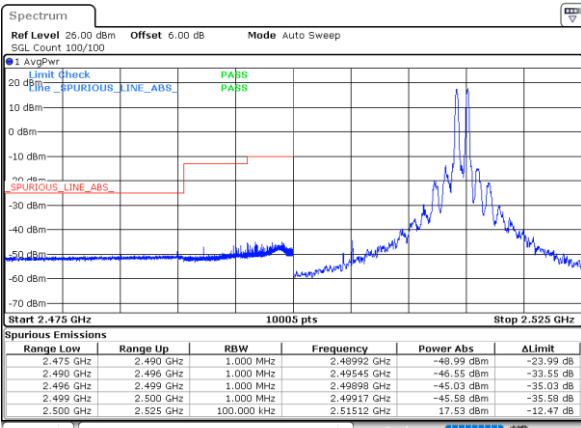


Date: 7_SEP.2022 11:25:27

Date: 7_SEP.2022 11:46:34

Lowest Band Edge / 1RB74 and 1RB0

Highest Band Edge / 1RB74 and 1RB0

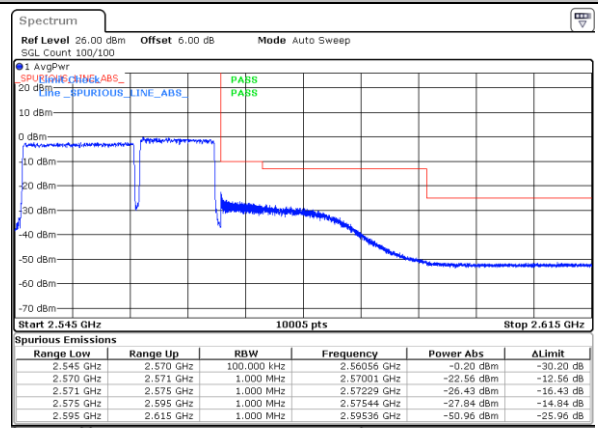
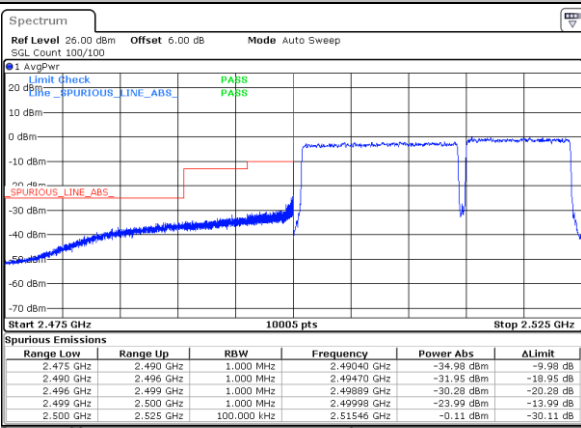


Date: 7_SEP.2022 11:32:55

Date: 7_SEP.2022 11:54:01

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 7_SEP.2022 11:37:25

Date: 7_SEP.2022 11:58:29

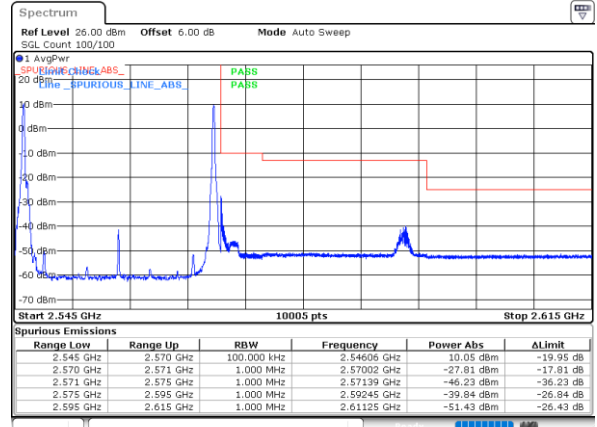
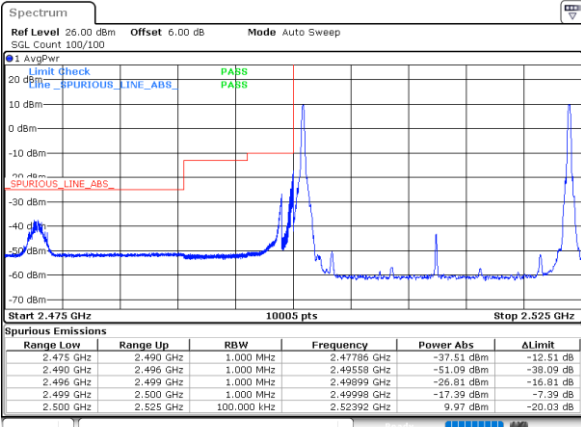


LTE Band 7C / 15MHz+10MHz

64QAM

Lowest Band Edge / 1RB0 and 1RB49

Highest Band Edge / 1RB0 and 1RB49

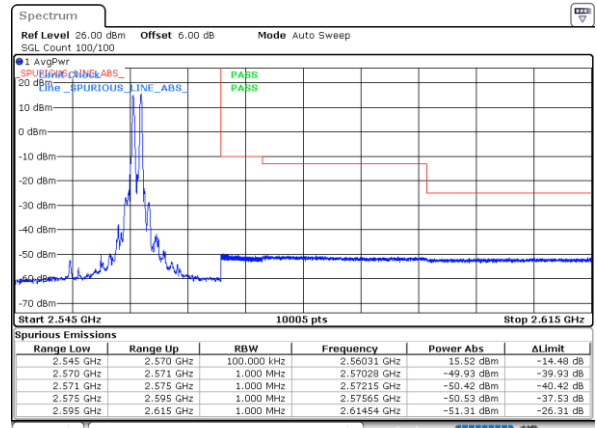
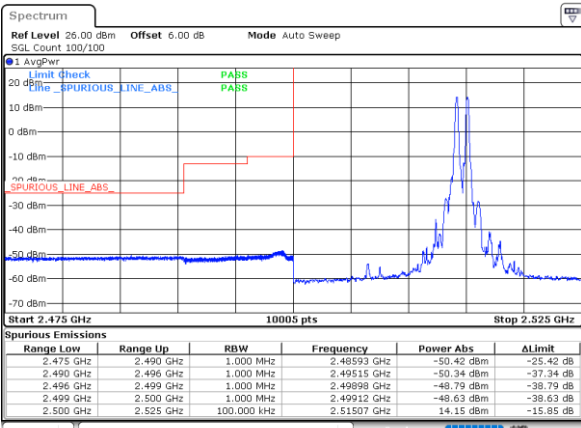


Date: 7_SEP.2022 11:26:56

Date: 7_SEP.2022 11:48:03

Lowest Band Edge / 1RB74 and 1RB0

Highest Band Edge / 1RB74 and 1RB0

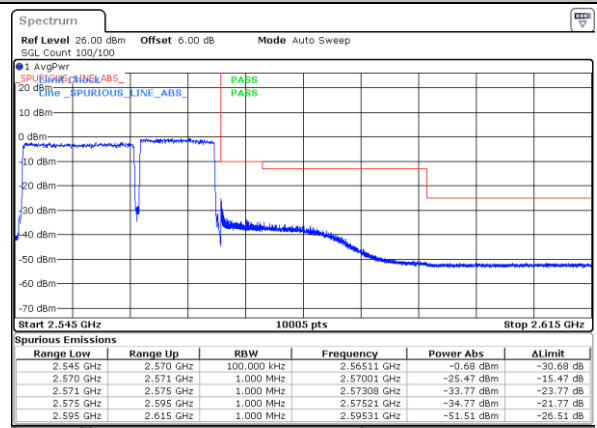
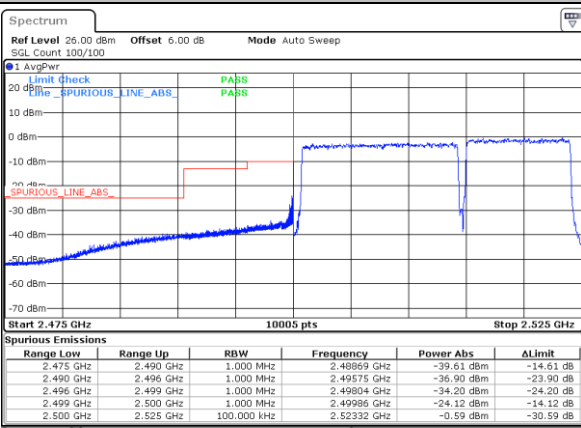


Date: 7_SEP.2022 11:31:25

Date: 7_SEP.2022 11:52:31

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 7_SEP.2022 11:38:54

Date: 7_SEP.2022 11:59:58

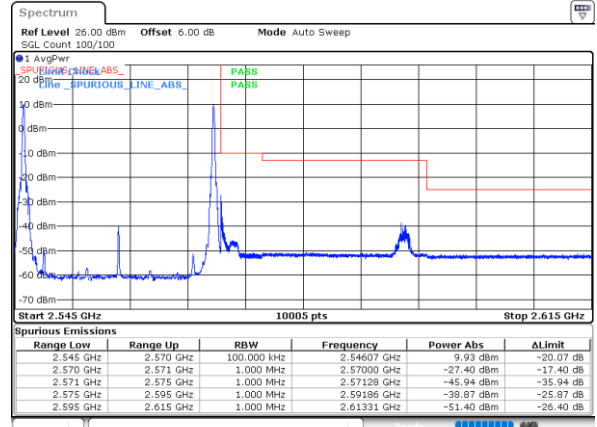
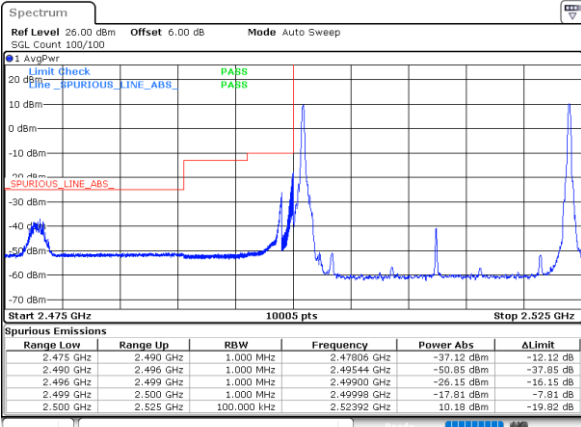


LTE Band 7C / 15MHz+10MHz

256QAM

Lowest Band Edge / 1RB0 and 1RB49

Highest Band Edge / 1RB0 and 1RB49

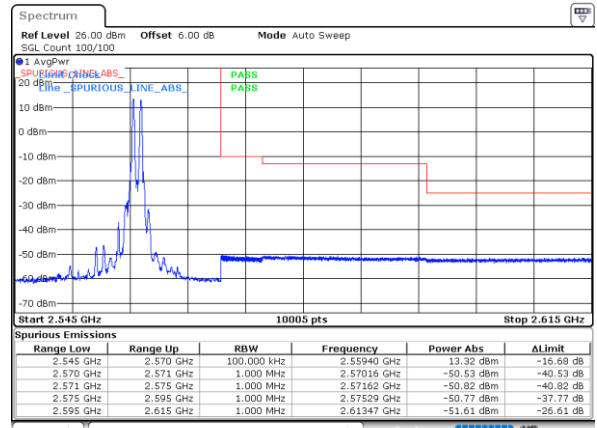
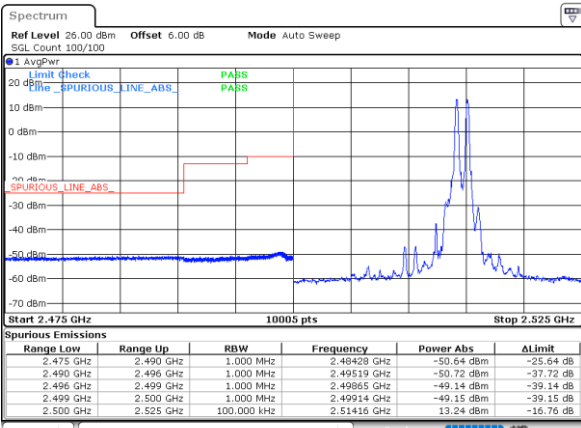


Date: 7_SEP.2022 11:28:26

Date: 7_SEP.2022 11:49:33

Lowest Band Edge / 1RB74 and 1RB0

Highest Band Edge / 1RB74 and 1RB0

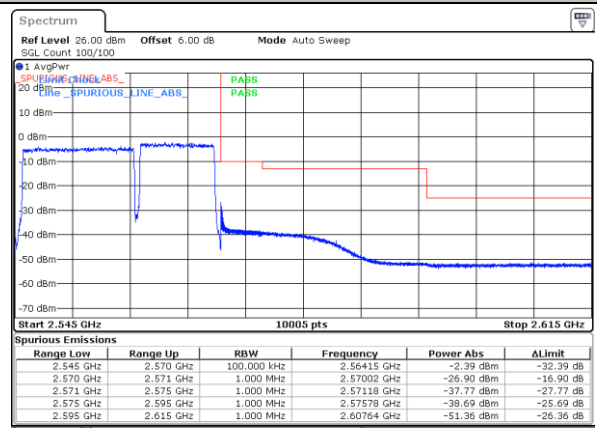
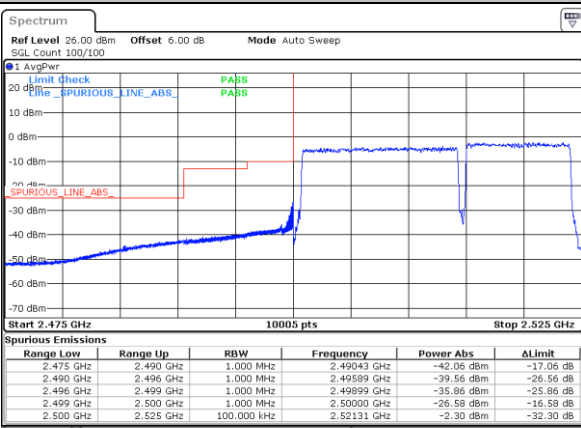


Date: 7_SEP.2022 11:29:56

Date: 7_SEP.2022 11:51:02

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 7_SEP.2022 11:40:24

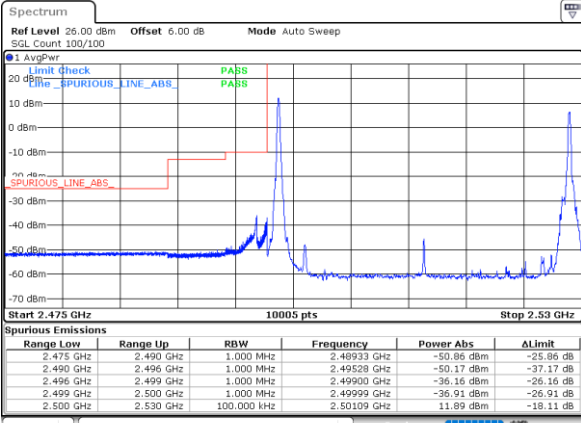
Date: 7_SEP.2022 12:01:27



LTE Band 7C / 10MHz+20MHz

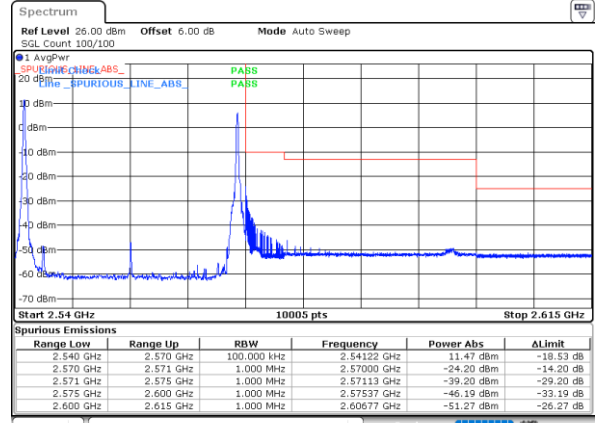
QPSK

Lowest Band Edge / 1RB0 and 1RB9



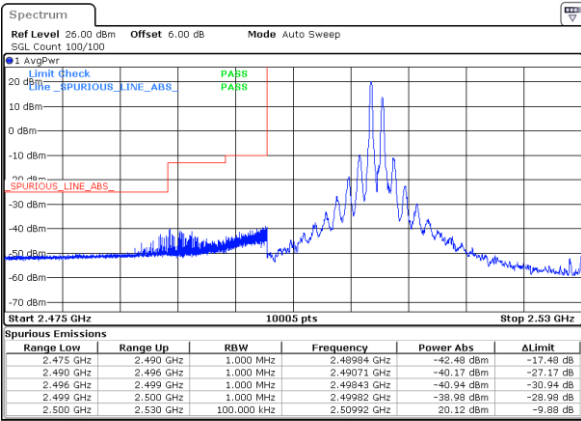
Date: 7_SEP.2022 10:43:18

Highest Band Edge / 1RB0 and 1RB9



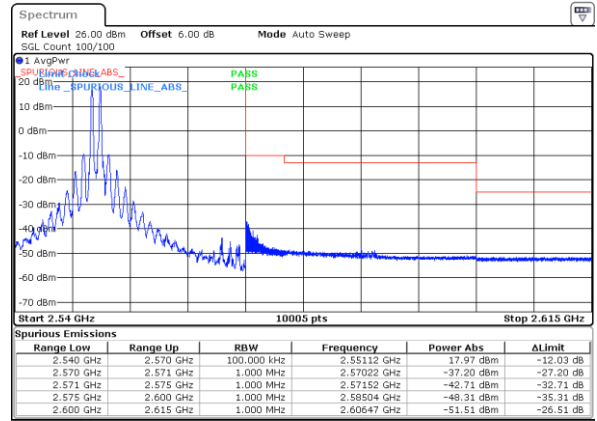
Date: 7_SEP.2022 11:04:28

Lowest Band Edge / 1RB49 and 1RB0



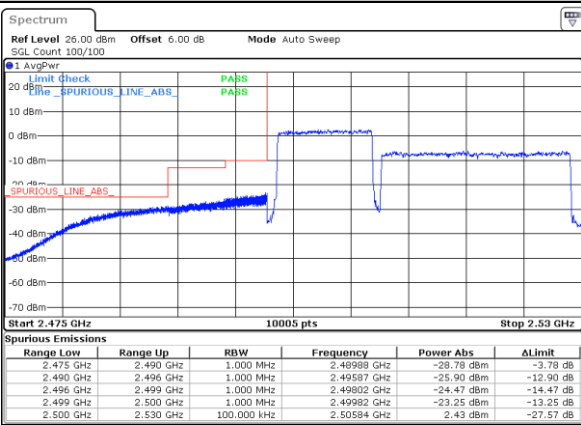
Date: 7_SEP.2022 10:53:48

Highest Band Edge / 1RB49 and 1RB0



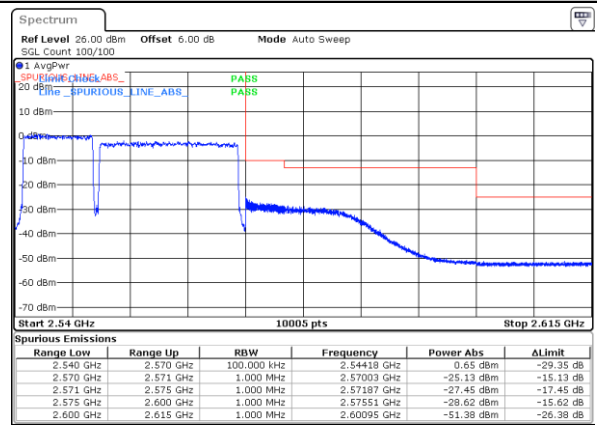
Date: 7_SEP.2022 11:14:53

Lowest Band Edge / Full RB



Date: 7_SEP.2022 10:55:18

Highest Band Edge / Full RB



Date: 7_SEP.2022 11:16:23

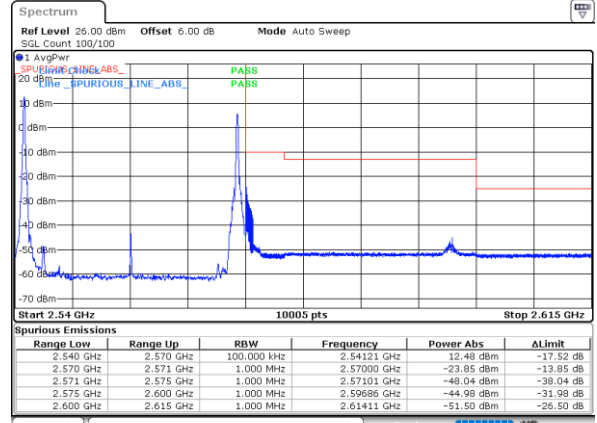
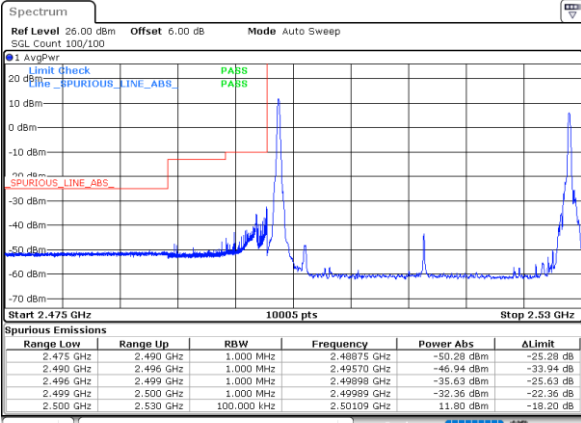


LTE Band 7C / 10MHz+20MHz

16QAM

Lowest Band Edge / 1RB0 and 1RB9

Highest Band Edge / 1RB0 and 1RB9

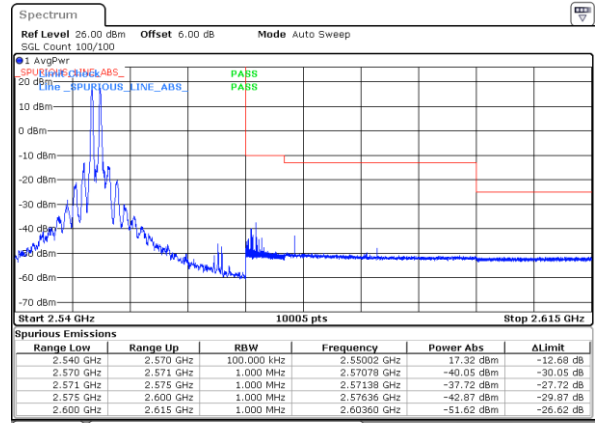
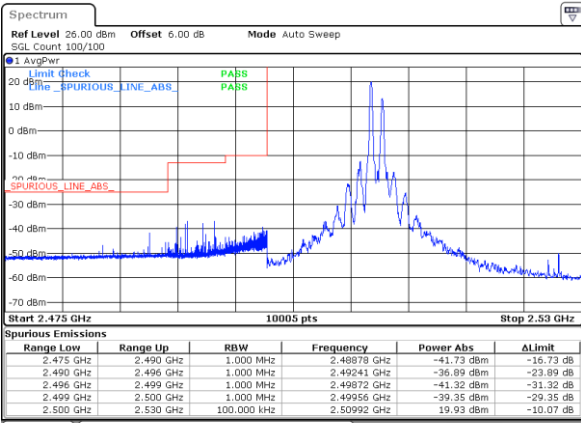


Date: 7_SEP.2022 10:44:49

Date: 7_SEP.2022 11:05:57

Lowest Band Edge / 1RB49 and 1RB0

Highest Band Edge / 1RB49 and 1RB0

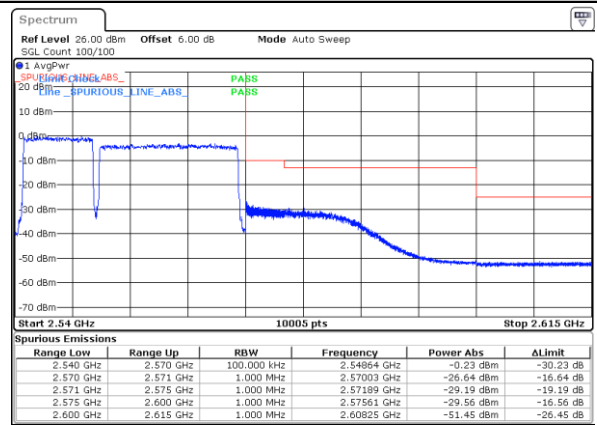
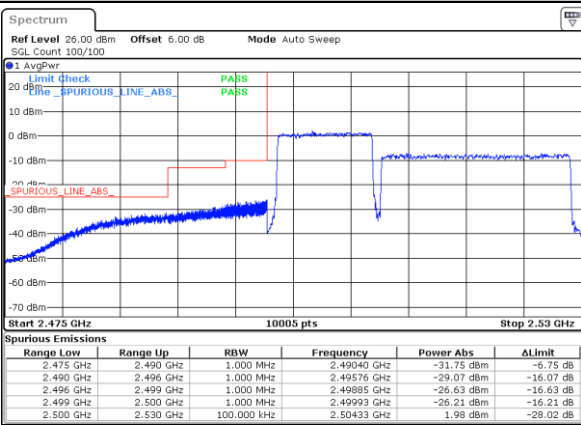


Date: 7_SEP.2022 10:52:18

Date: 7_SEP.2022 11:13:24

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 7_SEP.2022 10:56:48

Date: 7_SEP.2022 11:17:52

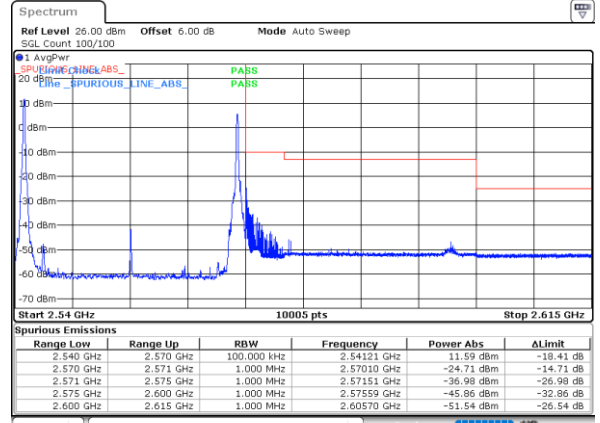
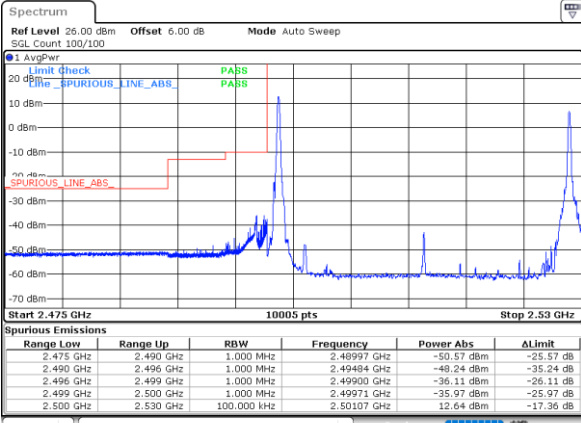


LTE Band 7C / 10MHz+20MHz

64QAM

Lowest Band Edge / 1RB0 and 1RB9

Highest Band Edge / 1RB0 and 1RB9

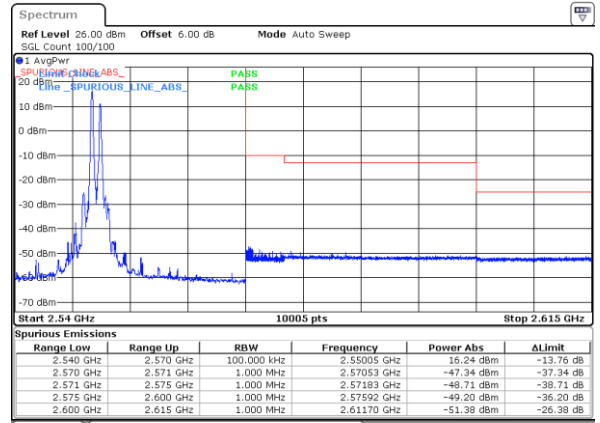
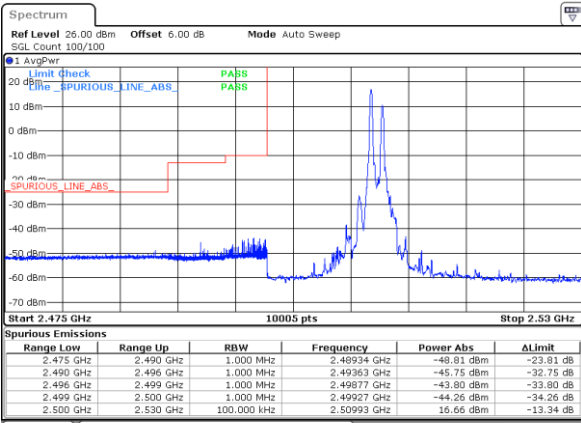


Date: 7_SEP.2022 10:46:19

Date: 7_SEP.2022 11:07:26

Lowest Band Edge / 1RB49 and 1RB0

Highest Band Edge / 1RB49 and 1RB0

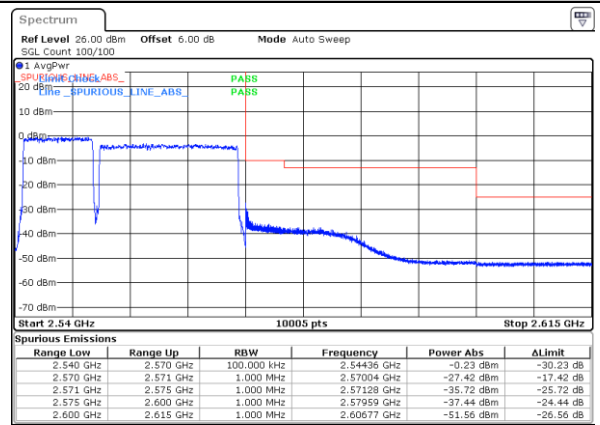
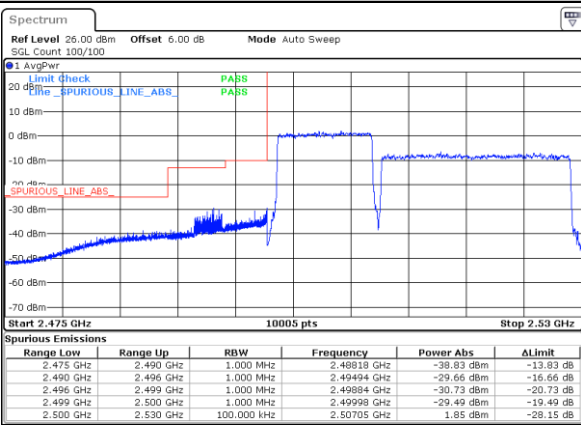


Date: 7_SEP.2022 10:50:48

Date: 7_SEP.2022 11:11:55

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 7_SEP.2022 10:58:17

Date: 7_SEP.2022 11:19:22

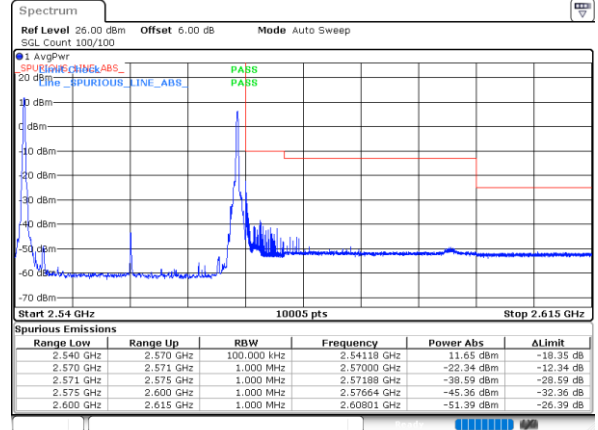
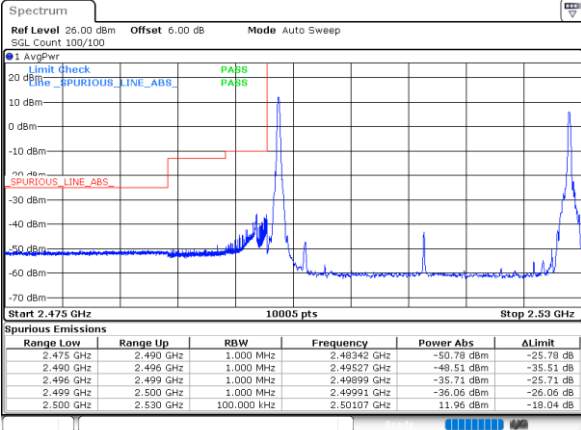


LTE Band 7C / 10MHz+20MHz

256QAM

Lowest Band Edge / 1RB0 and 1RB9

Highest Band Edge / 1RB0 and 1RB9

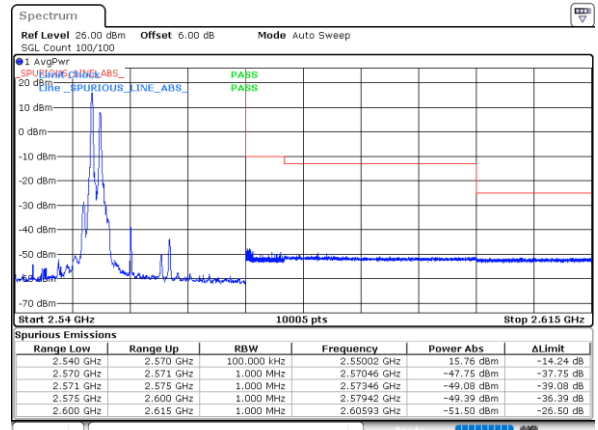
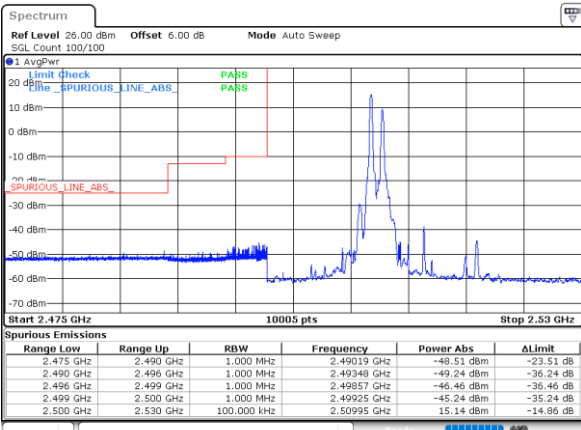


Date: 7_SEP.2022 10:47:49

Date: 7_SEP.2022 11:08:56

Lowest Band Edge / 1RB49 and 1RB0

Highest Band Edge / 1RB49 and 1RB0

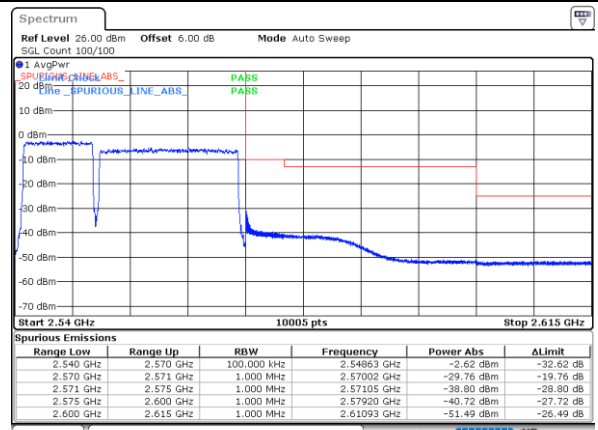
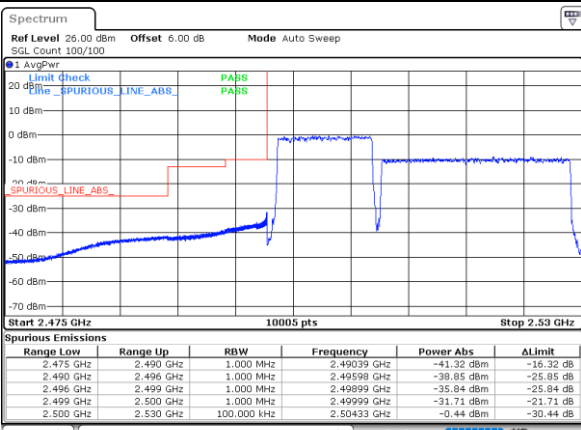


Date: 7_SEP.2022 10:49:19

Date: 7_SEP.2022 11:10:25

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 7_SEP.2022 10:59:47

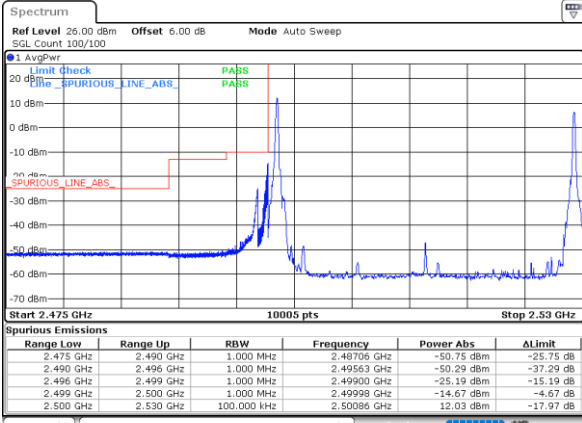
Date: 7_SEP.2022 11:20:51



LTE Band 7C / 15MHz+15MHz

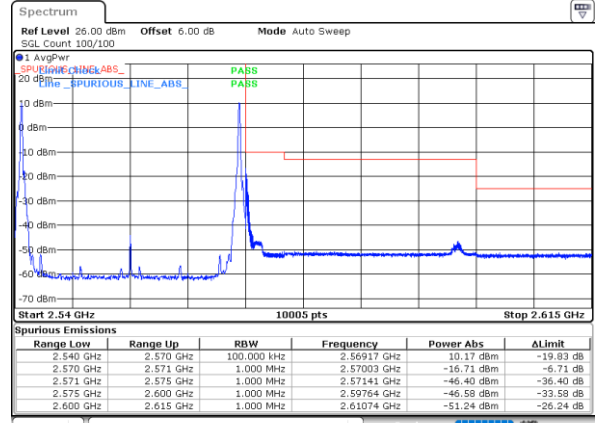
QPSK

Lowest Band Edge / 1RB0 and 1RB74



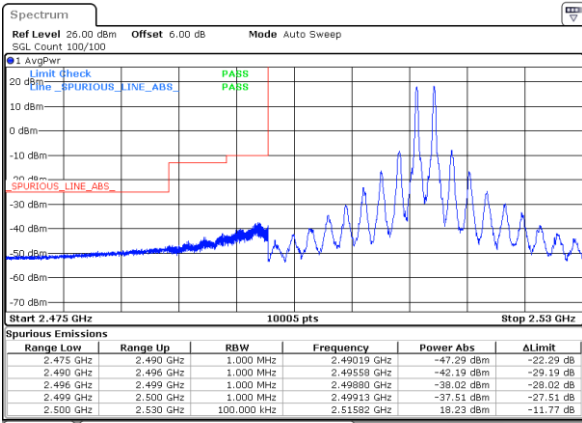
Date: 7_SEP.2022 12:04:33

Highest Band Edge / 1RB0 and 1RB74



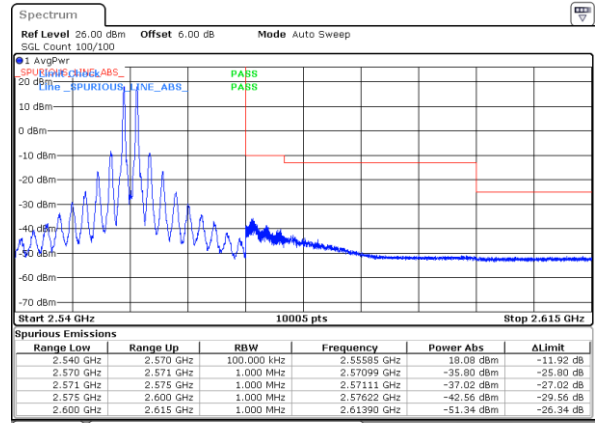
Date: 7_SEP.2022 12:25:39

Lowest Band Edge / 1RB74 and 1RB0



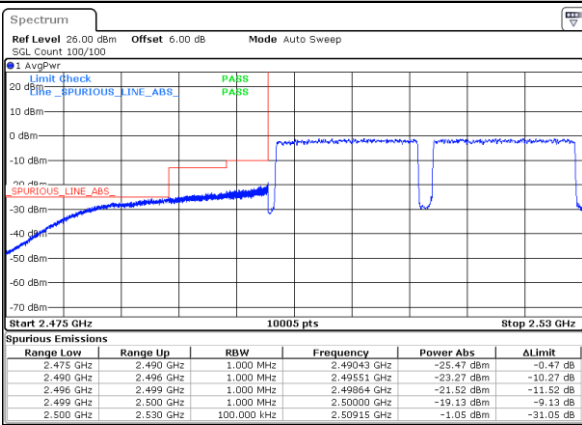
Date: 7_SEP.2022 12:15:00

Highest Band Edge / 1RB74 and 1RB0



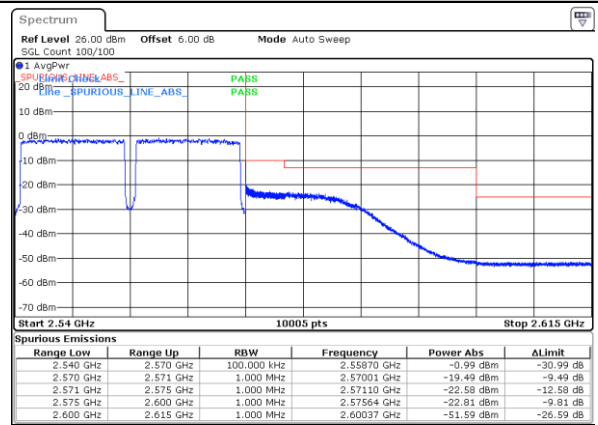
Date: 7_SEP.2022 12:36:04

Lowest Band Edge / Full RB



Date: 7_SEP.2022 12:16:30

Highest Band Edge / Full RB



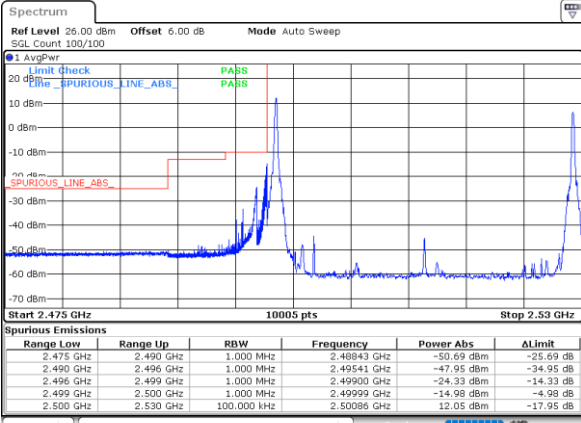
Date: 7_SEP.2022 12:37:34



LTE Band 7C / 15MHz+15MHz

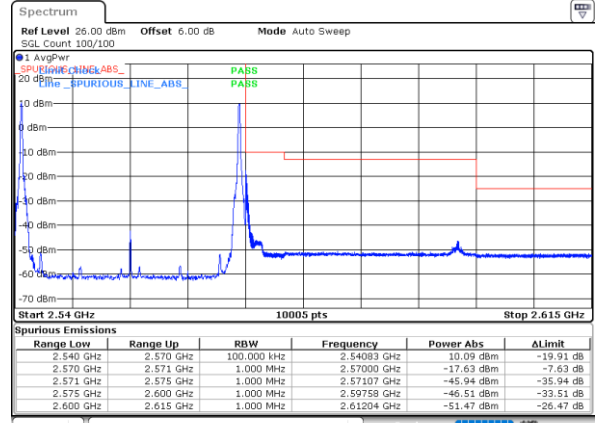
16QAM

Lowest Band Edge / 1RB0 and 1RB74



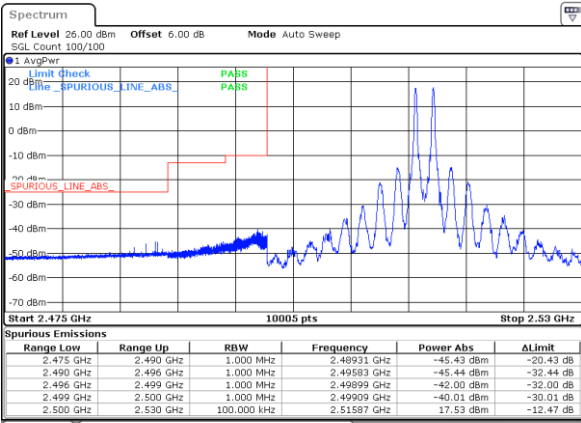
Date: 7_SEP.2022 12:06:03

Highest Band Edge / 1RB0 and 1RB74



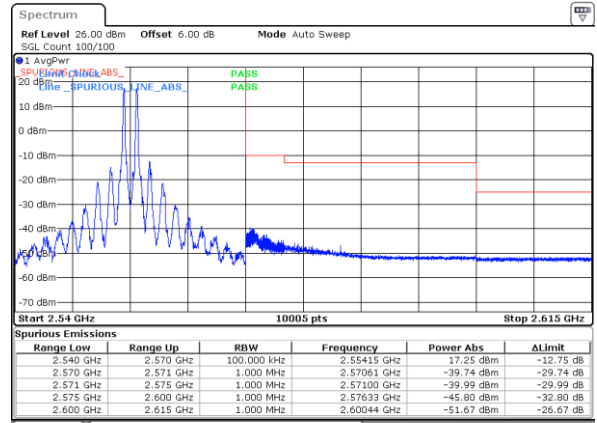
Date: 7_SEP.2022 12:27:08

Lowest Band Edge / 1RB74 and 1RB0



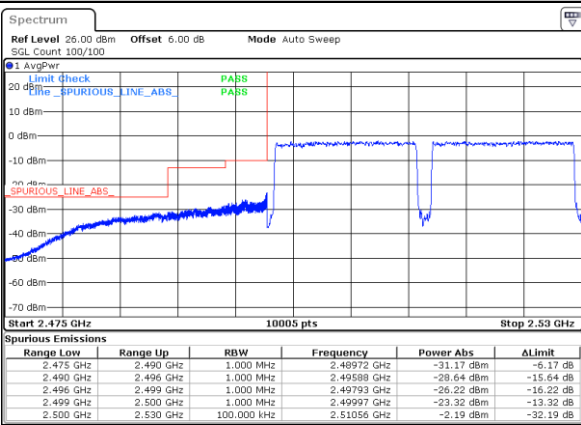
Date: 7_SEP.2022 12:13:30

Highest Band Edge / 1RB74 and 1RB0



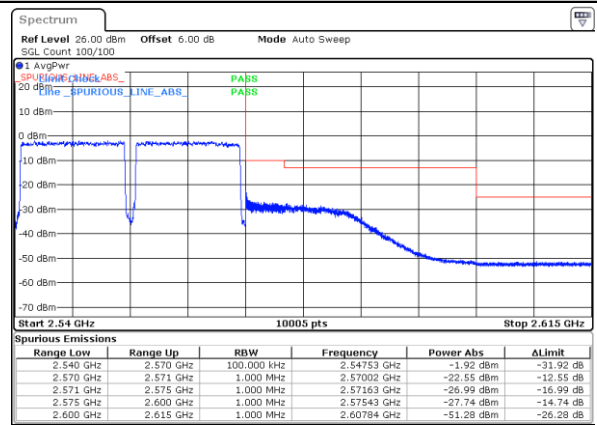
Date: 7_SEP.2022 12:34:35

Lowest Band Edge / Full RB



Date: 7_SEP.2022 12:17:59

Highest Band Edge / Full RB



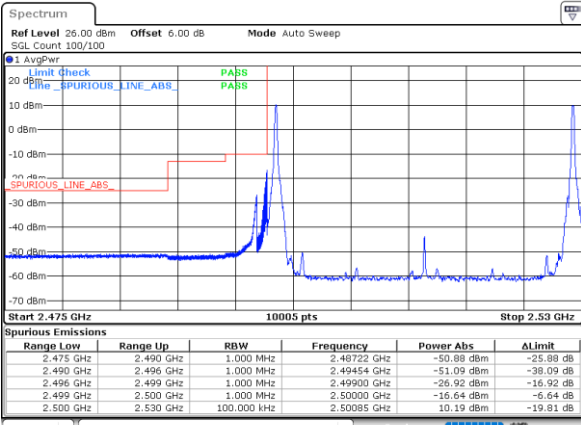
Date: 7_SEP.2022 12:39:03



LTE Band 7C / 15MHz+15MHz

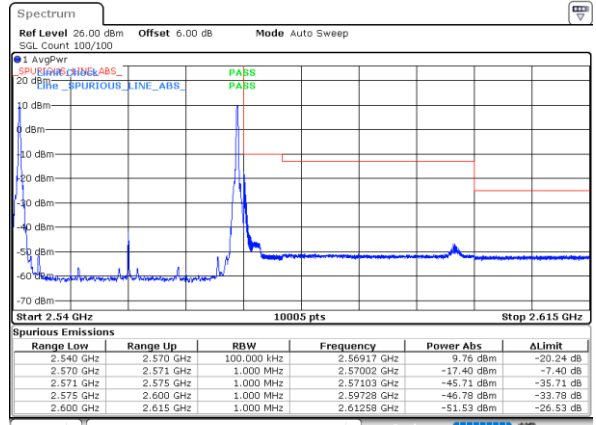
64QAM

Lowest Band Edge / 1RB0 and 1RB74



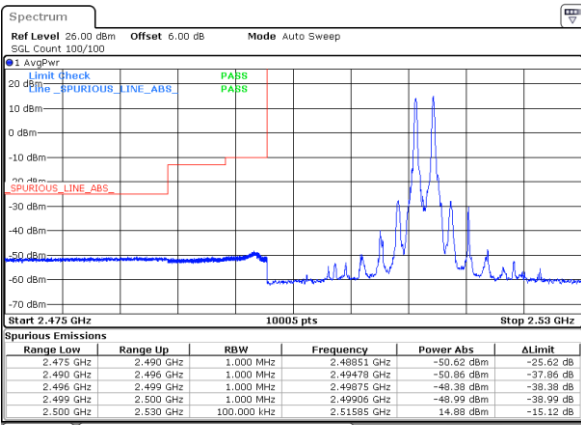
Date: 7_SEP.2022 12:07:32

Highest Band Edge / 1RB0 and 1RB74



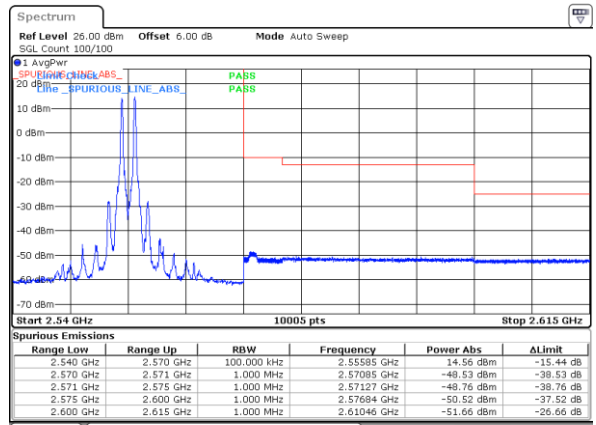
Date: 7_SEP.2022 12:13:38

Lowest Band Edge / 1RB74 and 1RB0



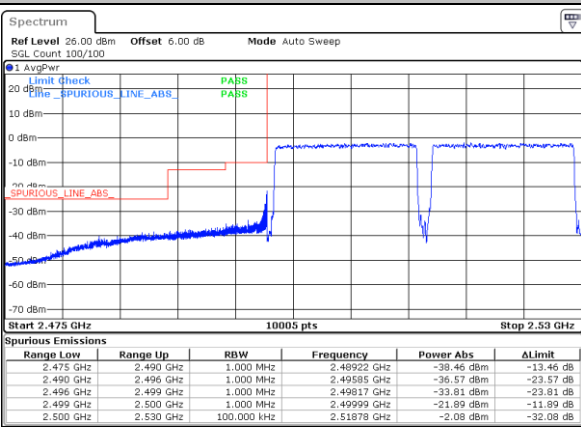
Date: 7_SEP.2022 12:12:00

Highest Band Edge / 1RB74 and 1RB0



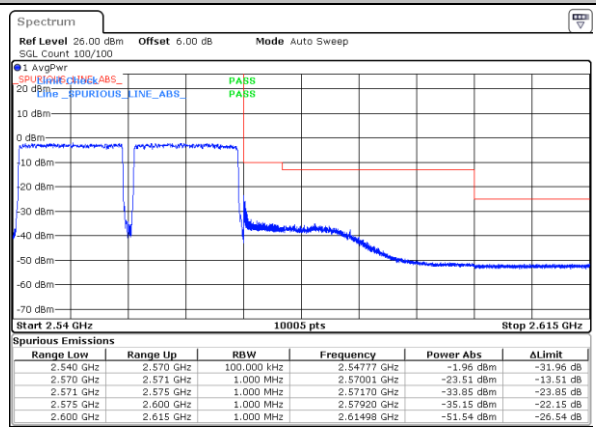
Date: 7_SEP.2022 12:33:05

Lowest Band Edge / Full RB



Date: 7_SEP.2022 12:19:29

Highest Band Edge / Full RB



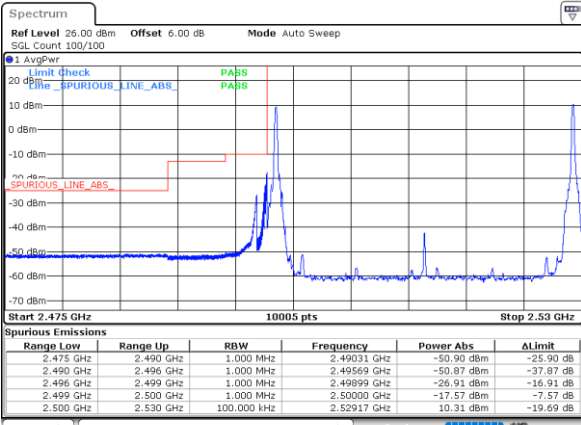
Date: 7_SEP.2022 12:40:33



LTE Band 7C / 15MHz+15MHz

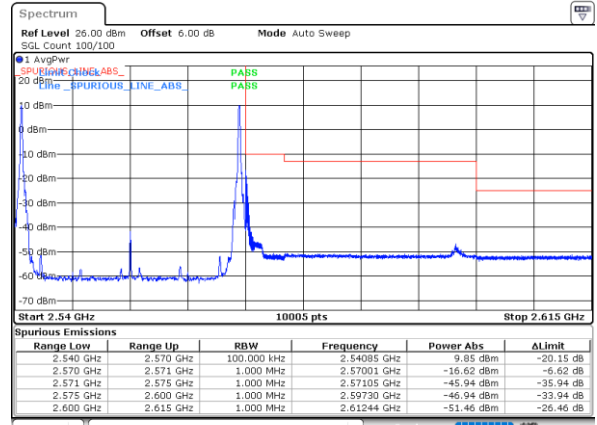
256QAM

Lowest Band Edge / 1RB0 and 1RB74



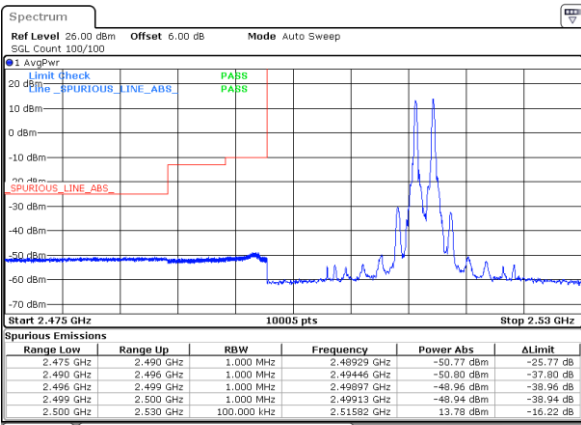
Date: 7_SEP.2022 12:09:02

Highest Band Edge / 1RB0 and 1RB74



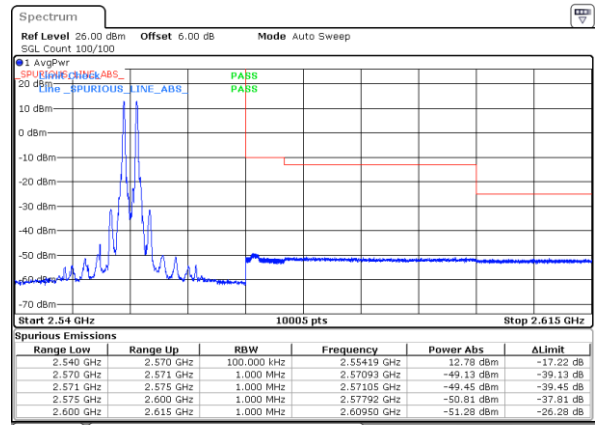
Date: 7_SEP.2022 12:30:07

Lowest Band Edge / 1RB74 and 1RB0



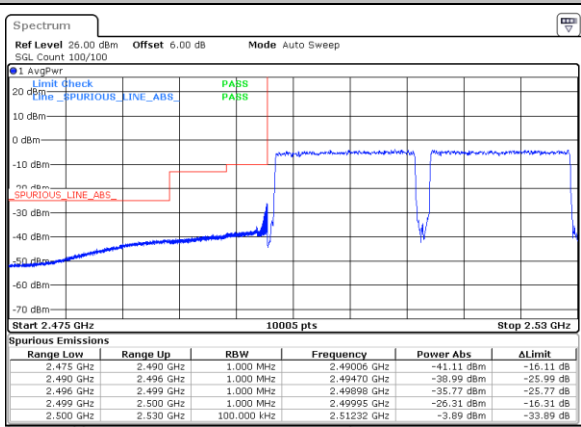
Date: 7_SEP.2022 12:10:31

Highest Band Edge / 1RB74 and 1RB0



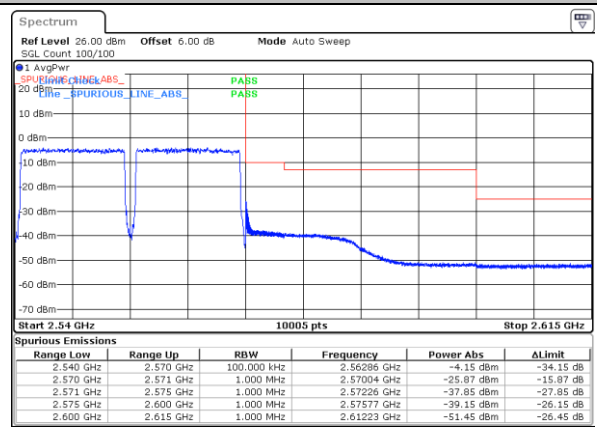
Date: 7_SEP.2022 12:31:36

Lowest Band Edge / Full RB



Date: 7_SEP.2022 12:20:58

Highest Band Edge / Full RB



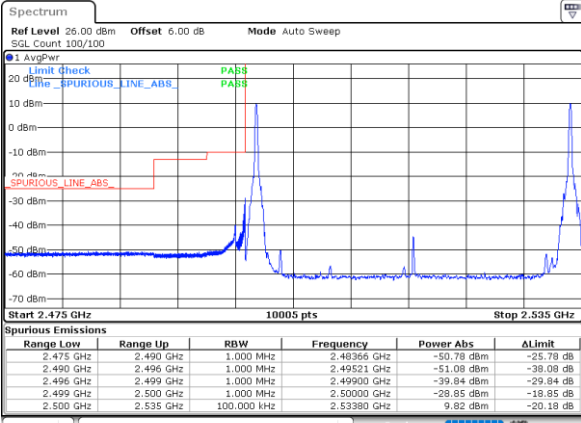
Date: 7_SEP.2022 12:42:03



LTE Band 7C / 15MHz+20MHz

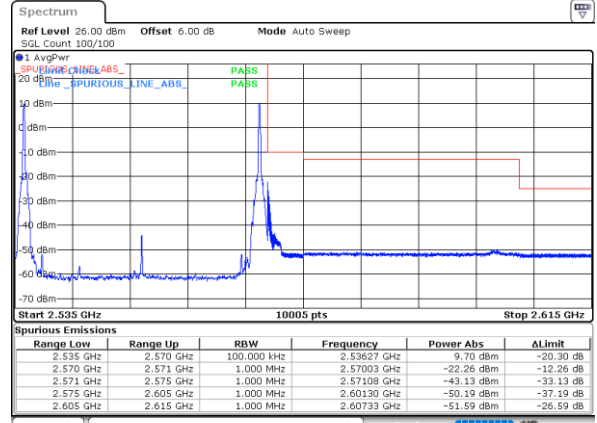
QPSK

Lowest Band Edge / 1RB0 and 1RB99



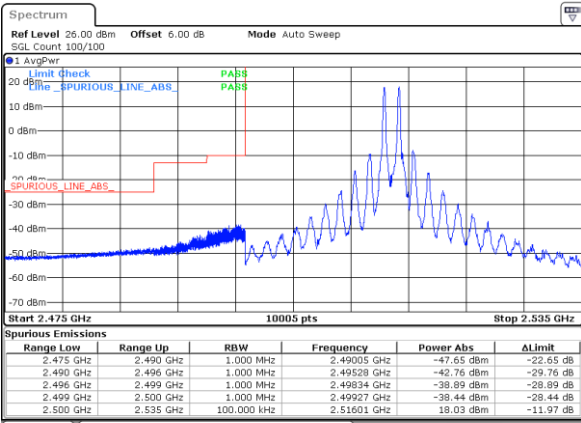
Date: 7_SEP.2022 12:45:09

Highest Band Edge / 1RB0 and 1RB99



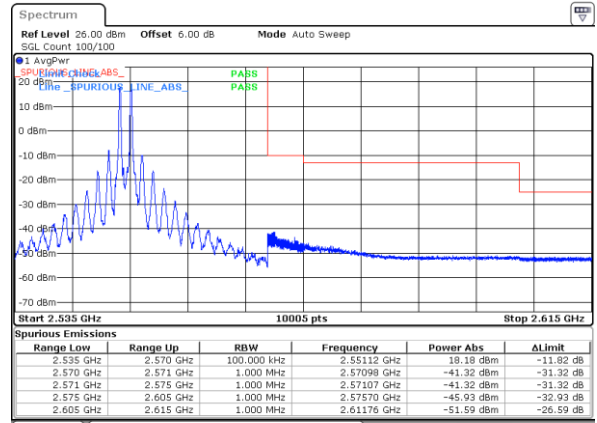
Date: 7_SEP.2022 13:06:16

Lowest Band Edge / 1RB74 and 1RB0



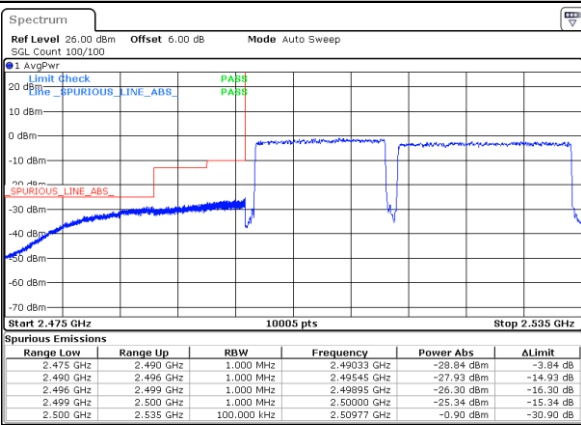
Date: 7_SEP.2022 12:55:17

Highest Band Edge / 1RB74 and 1RB0



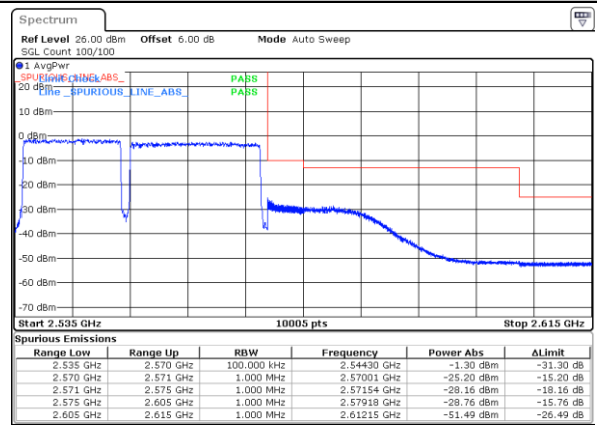
Date: 7_SEP.2022 13:16:42

Lowest Band Edge / Full RB



Date: 7_SEP.2022 12:57:06

Highest Band Edge / Full RB



Date: 7_SEP.2022 13:18:12

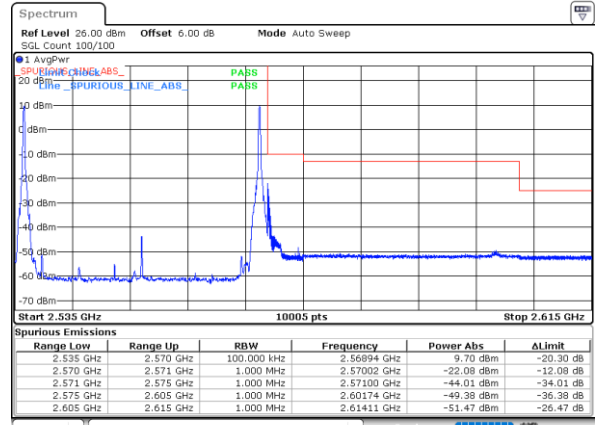
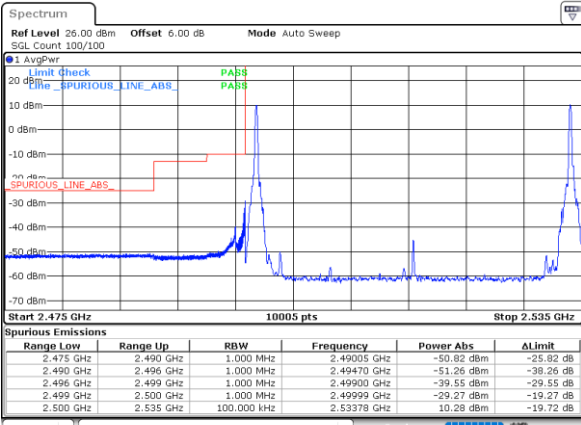


LTE Band 7C / 15MHz+20MHz

16QAM

Lowest Band Edge / 1RB0 and 1RB9

Highest Band Edge / 1RB0 and 1RB9

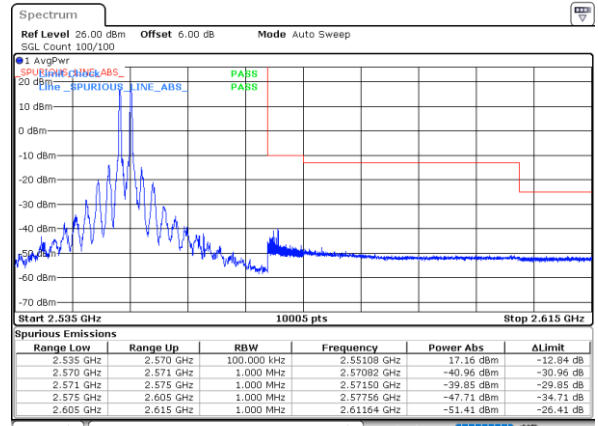
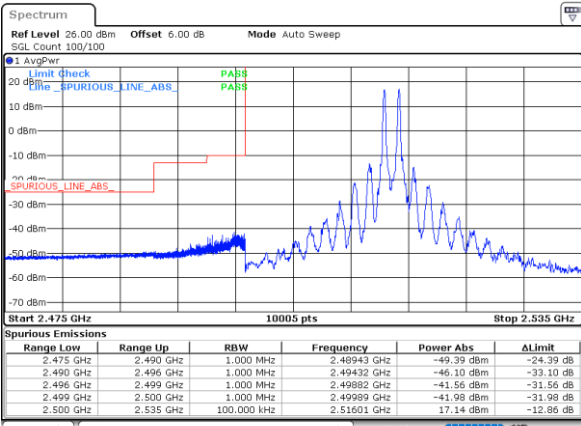


Date: 7_SEP.2022 12:46:38

Date: 7_SEP.2022 13:07:46

Lowest Band Edge / 1RB74 and 1RB0

Highest Band Edge / 1RB74 and 1RB0

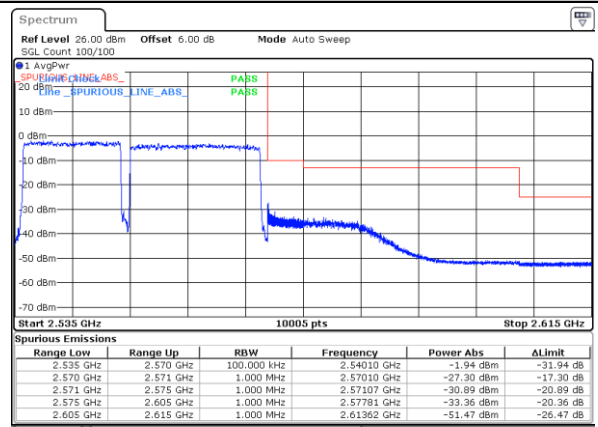
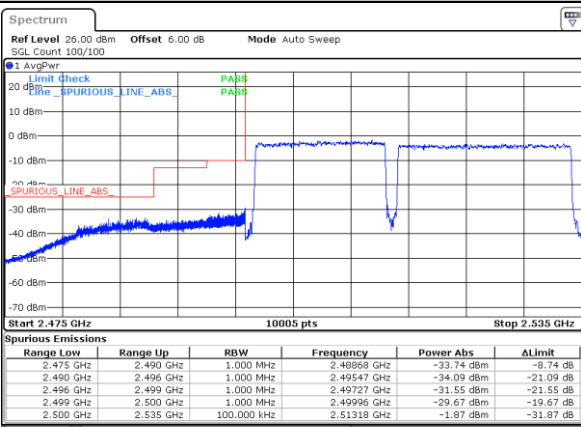


Date: 7_SEP.2022 12:54:07

Date: 7_SEP.2022 13:15:13

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 7_SEP.2022 12:58:36

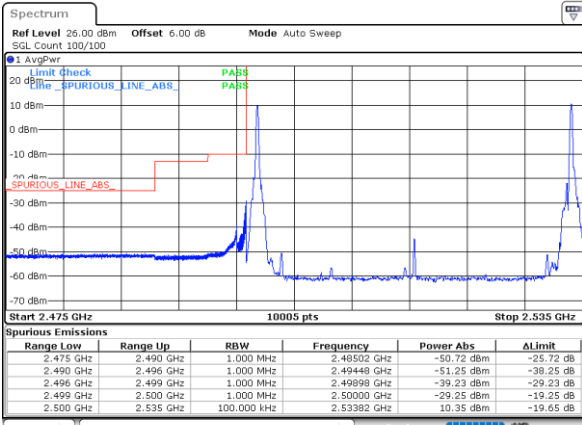
Date: 7_SEP.2022 13:19:41



LTE Band 7C / 15MHz+20MHz

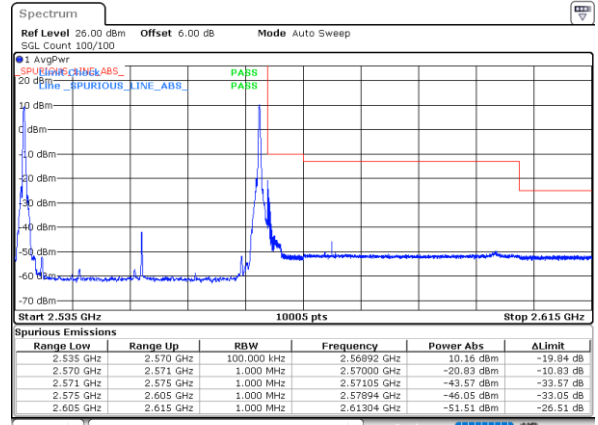
64QAM

Lowest Band Edge / 1RB0 and 1RB9



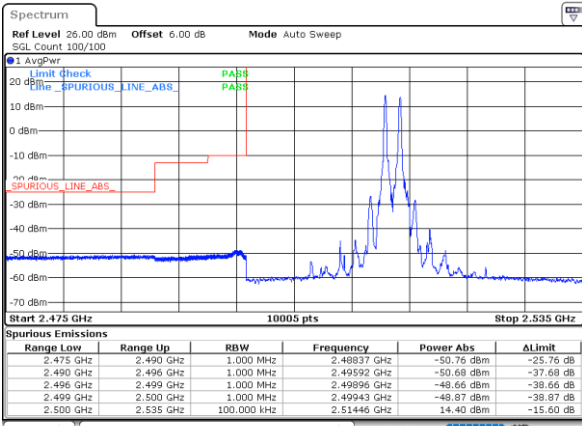
Date: 7_SEP.2022 12:48:08

Highest Band Edge / 1RB0 and 1RB9



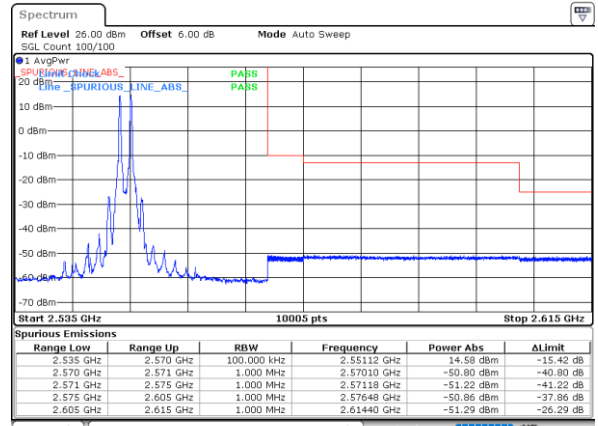
Date: 7_SEP.2022 13:09:15

Lowest Band Edge / 1RB74 and 1RB0



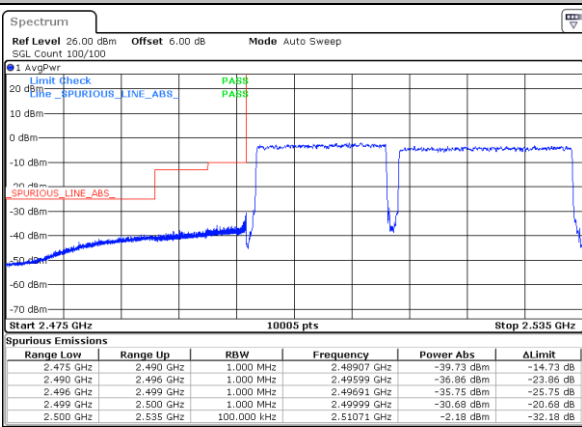
Date: 7_SEP.2022 12:52:17

Highest Band Edge / 1RB74 and 1RB0



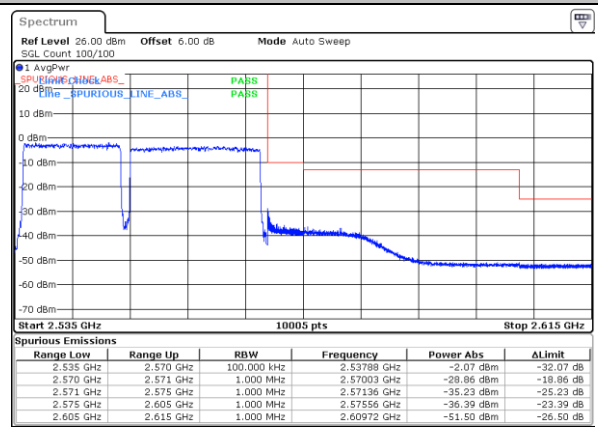
Date: 7_SEP.2022 13:13:43

Lowest Band Edge / Full RB



Date: 7_SEP.2022 13:00:06

Highest Band Edge / Full RB



Date: 7_SEP.2022 13:21:10