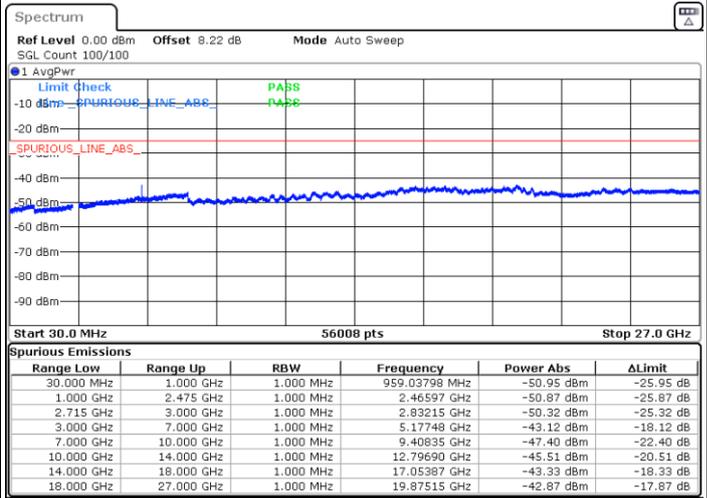
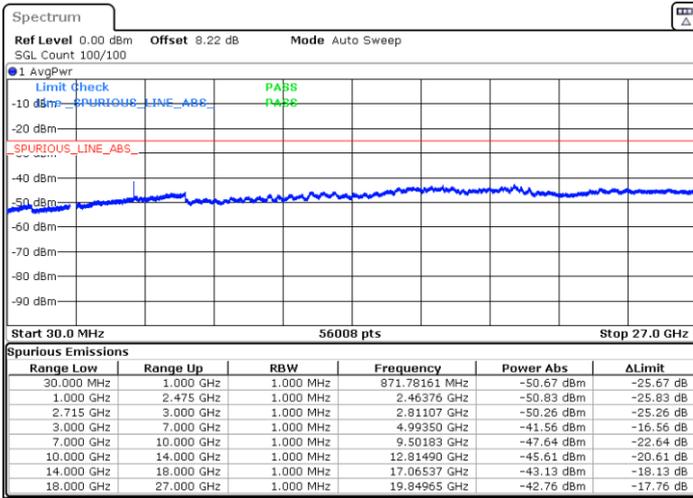




LTE Band 41 / 10MHz

Lowest Channel / QPSK

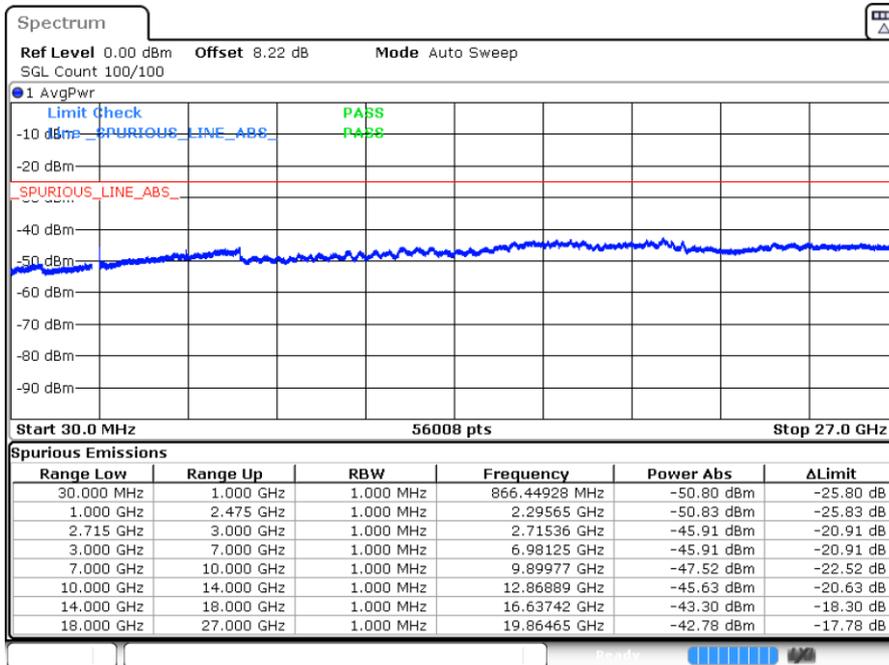
Middle Channel / QPSK



Date: 23 JUN 2022 00:05:20

Date: 23 JUN 2022 00:14:44

Highest Channel / QPSK

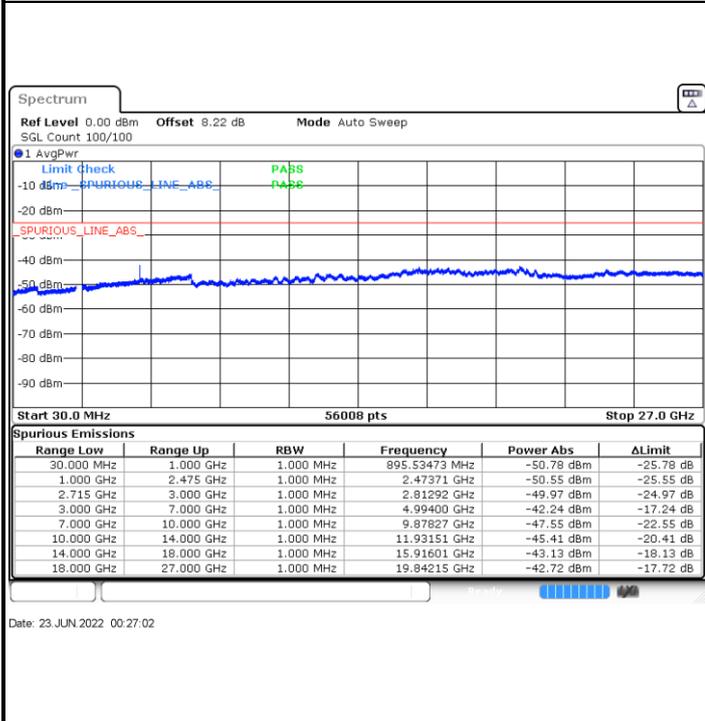


Date: 23 JUN 2022 00:16:05

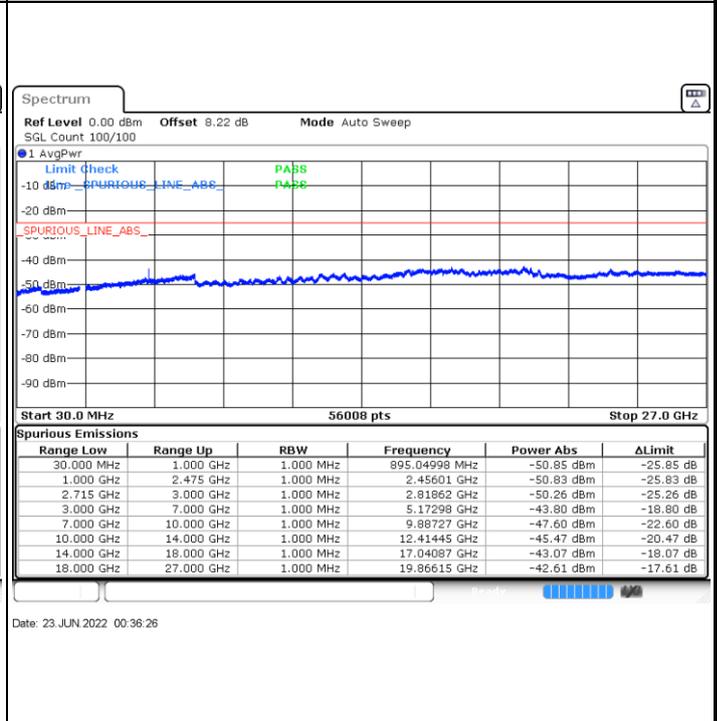


**LTE Band 41 / 15MHz**

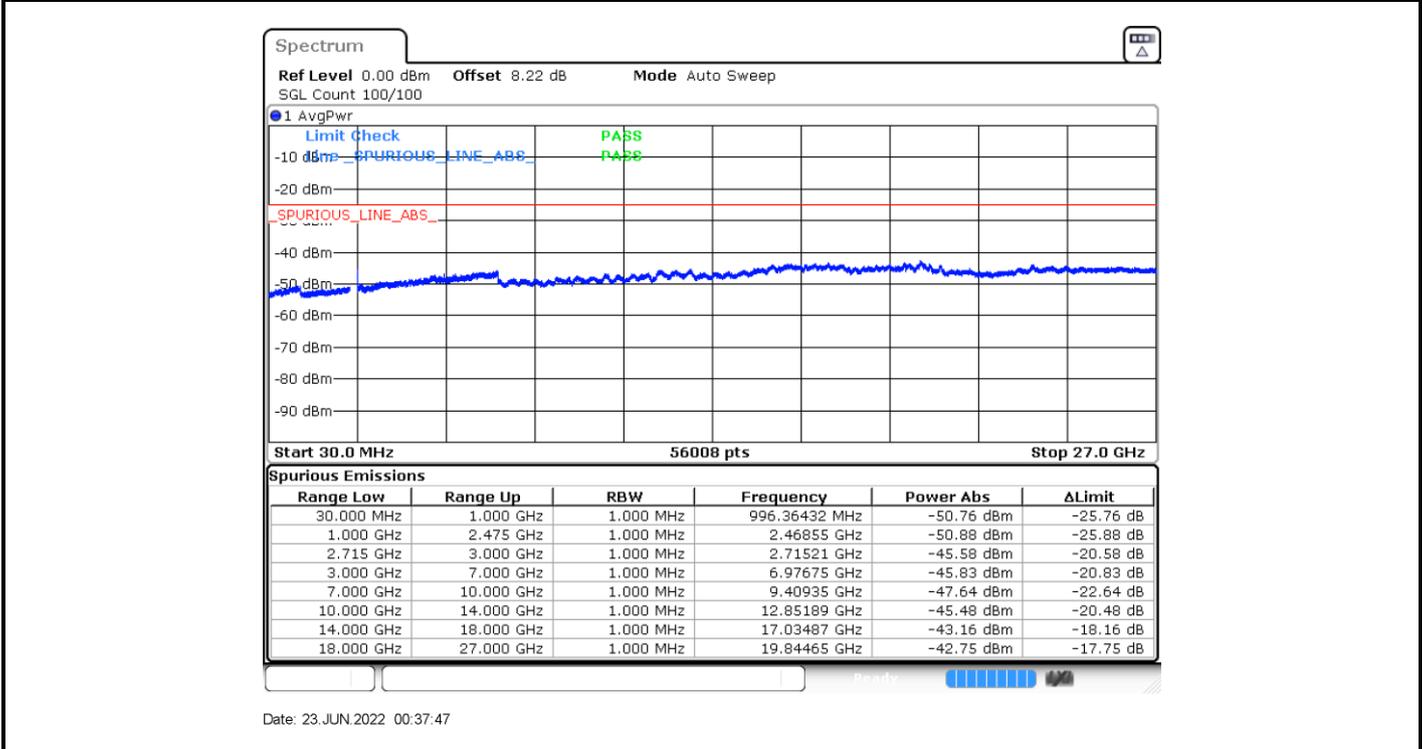
**Lowest Channel / QPSK**



**Middle Channel / QPSK**



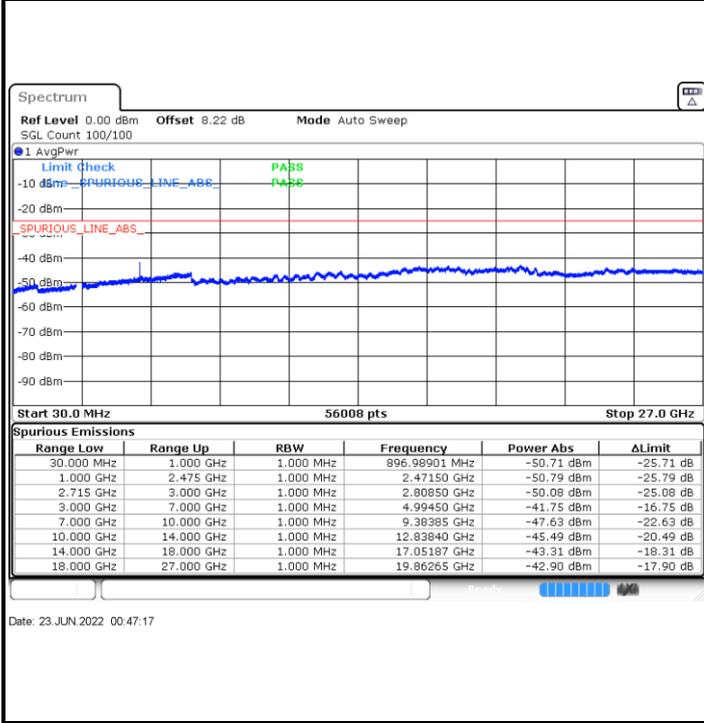
**Highest Channel / QPSK**



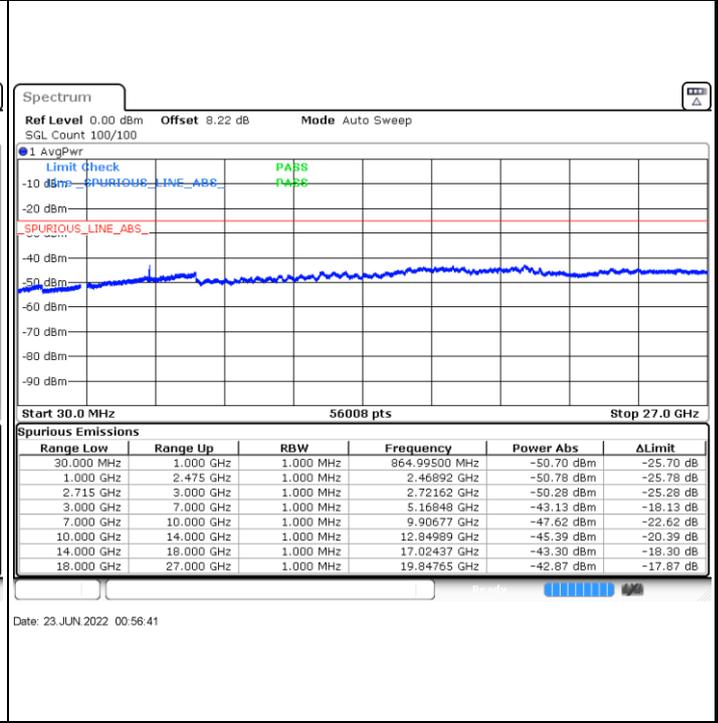


**LTE Band 41 / 20MHz**

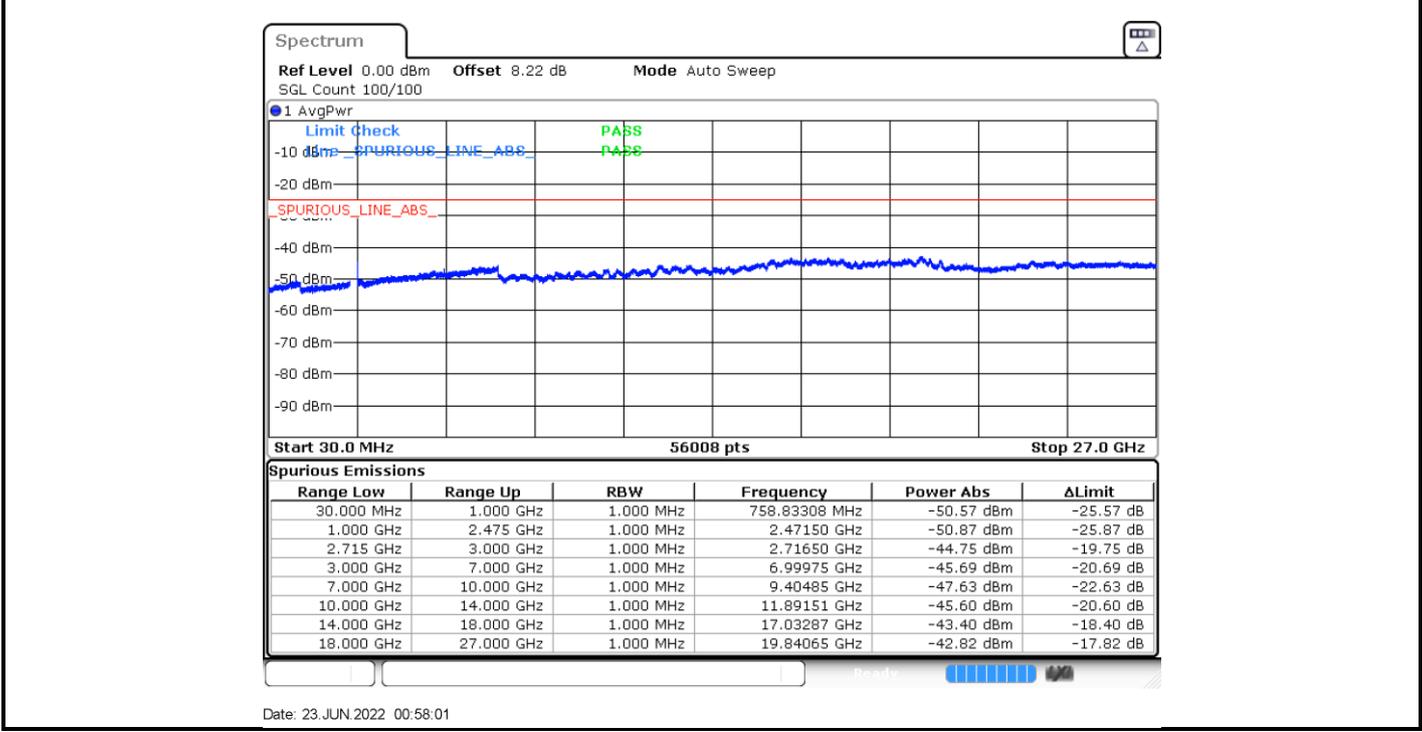
**Lowest Channel / QPSK**



**Middle Channel / QPSK**



**Highest Channel / QPSK**





Frequency Stability

Test Conditions		LTE Band 41 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0026	PASS
40	Normal Voltage	0.0015	
30	Normal Voltage	0.0011	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0007	
0	Normal Voltage	0.0016	
-10	Normal Voltage	0.0021	
-20	Normal Voltage	0.0018	
-30	Normal Voltage	0.0028	
20	Maximum Voltage	0.0013	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0019	

Note:

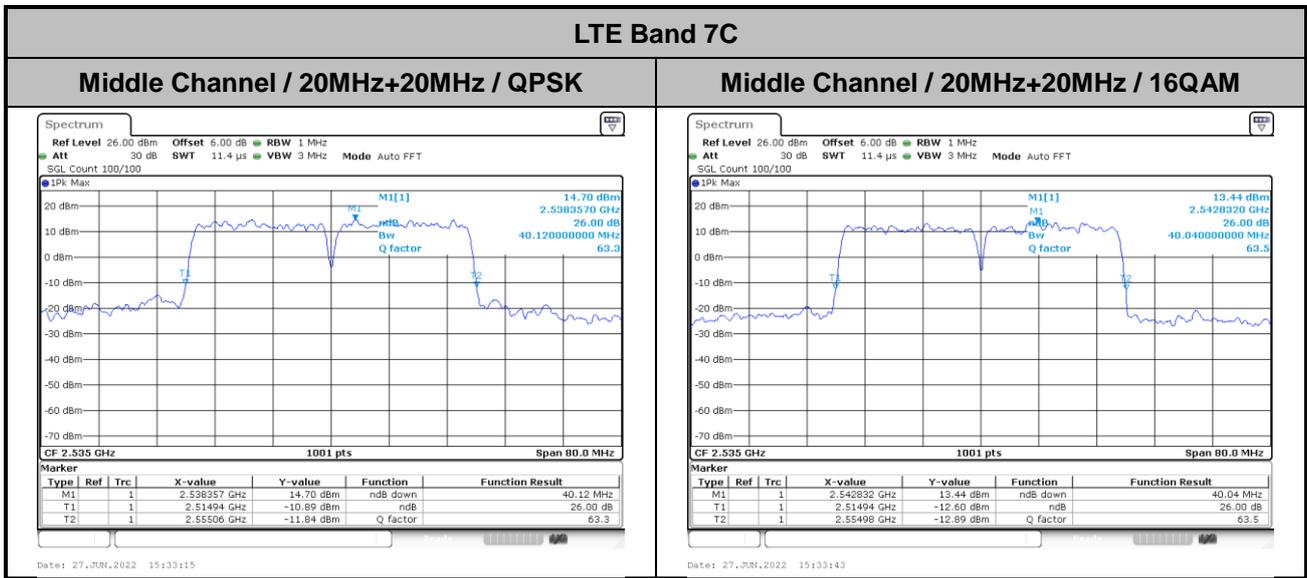
1. Normal Voltage =3.87 V. ; Battery End Point (BEP) =3.6 V. ; Maximum Voltage =4.25 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



# LTE Band 7C

## 26dB Bandwidth

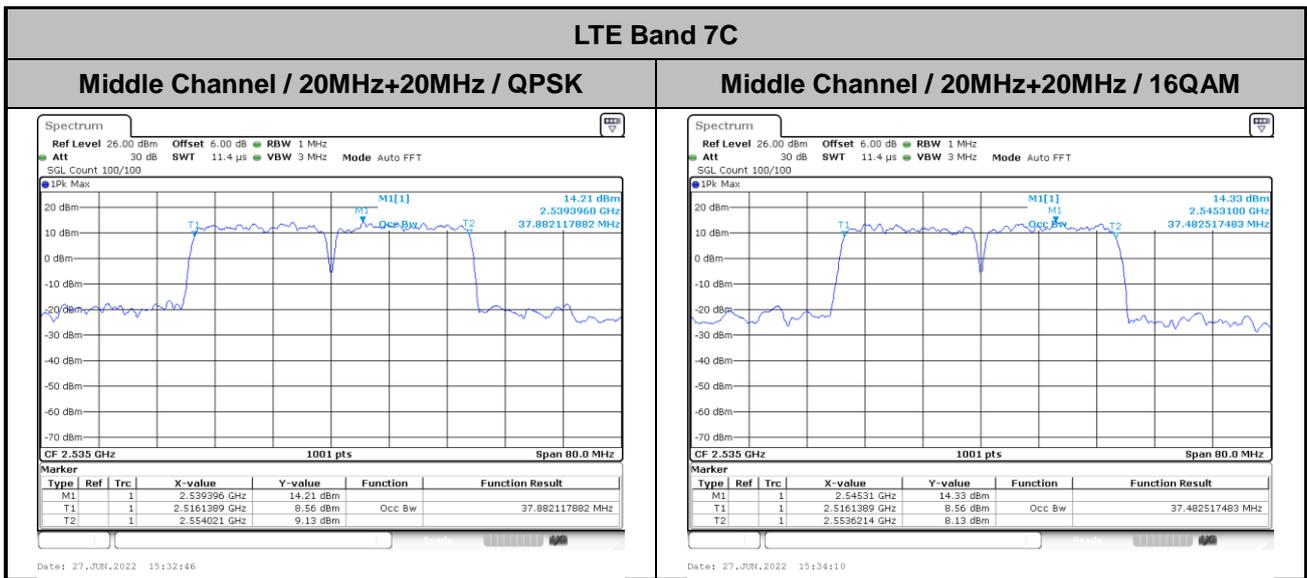
Mode	LTE Band 7C : 26dB BW(MHz)	
BW	20MHz+20MHz	
Mod.	QPSK	16QAM
Middle CH	40.12	40.04





# Occupied Bandwidth

Mode	LTE Band 7C : 99%OBW(MHz)	
BW	20MHz+20MHz	
Mod.	QPSK	16QAM
Middle CH	37.88	37.48





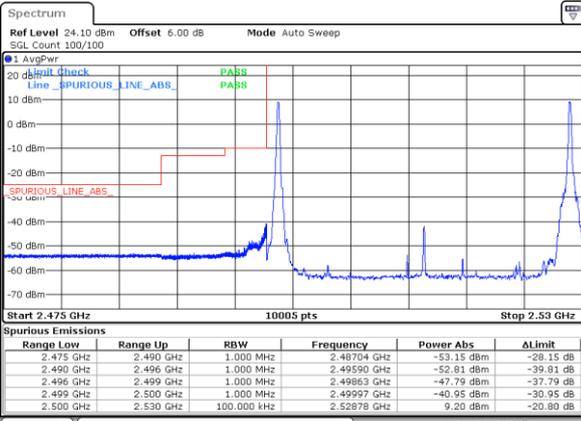
# Conducted Band Edge

LTE Band 7 / 10MHz+20MHz

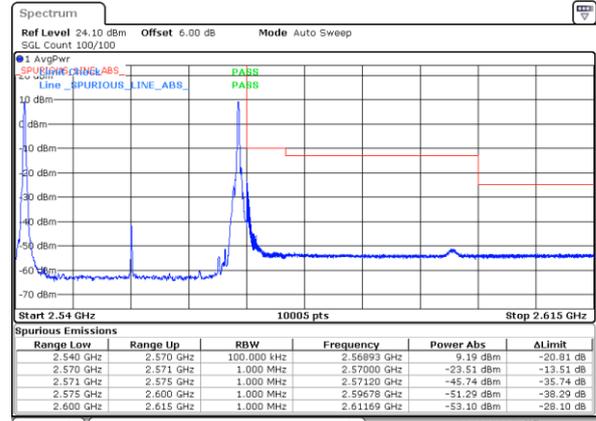
QPSK

Lowest Band Edge / 1RB0 and 1RB99

Highest Band Edge / 1RB0 and 1RB99



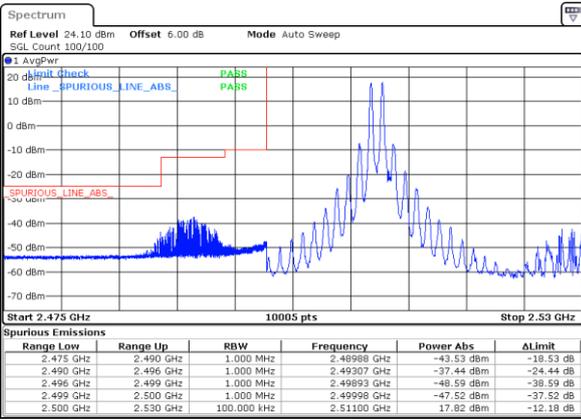
Date: 27 JUN 2022 12:01:37



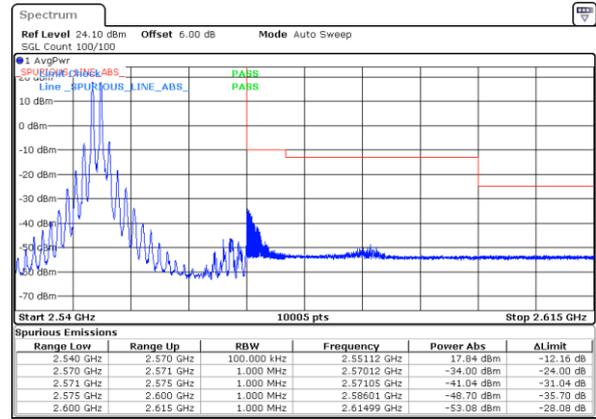
Date: 27 JUN 2022 12:15:29

Lowest Band Edge / 1RB49 and 1RB0

Highest Band Edge / 1RB49 and 1RB0



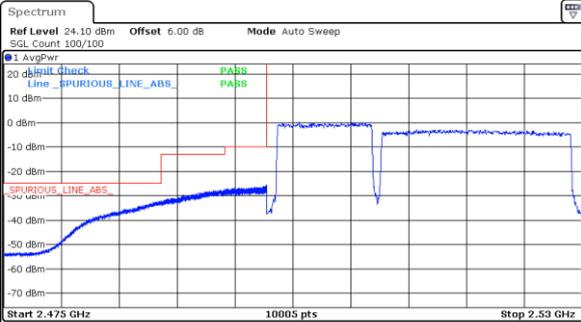
Date: 27 JUN 2022 12:07:24



Date: 27 JUN 2022 12:21:15



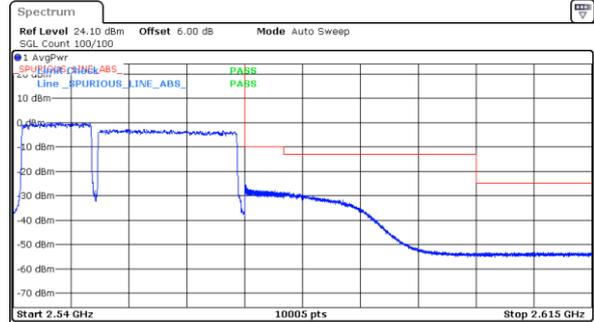
Lowest Band Edge / Full RB



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.48997 GHz	-32.00 dBm	-7.00 dB
2.490 GHz	2.496 GHz	1.000 MHz	2.49594 GHz	-27.38 dBm	-14.38 dB
2.496 GHz	2.499 GHz	1.000 MHz	2.49887 GHz	-26.47 dBm	-16.47 dB
2.499 GHz	2.500 GHz	1.000 MHz	2.49999 GHz	-25.55 dBm	-15.55 dB
2.500 GHz	2.530 GHz	100.000 kHz	2.50307 GHz	0.32 dBm	-29.68 dB

Date: 27\_JUN\_2022 12:08:14

Highest Band Edge / Full RB



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.540 GHz	2.570 GHz	100.000 kHz	2.54359 GHz	0.13 dBm	-29.87 dB
2.570 GHz	2.571 GHz	1.000 MHz	2.57000 GHz	-24.48 dBm	-14.48 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57114 GHz	-27.62 dBm	-17.62 dB
2.575 GHz	2.600 GHz	1.000 MHz	2.57504 GHz	-28.31 dBm	-15.31 dB
2.600 GHz	2.615 GHz	1.000 MHz	2.61216 GHz	-53.13 dBm	-28.13 dB

Date: 27\_JUN\_2022 12:22:05

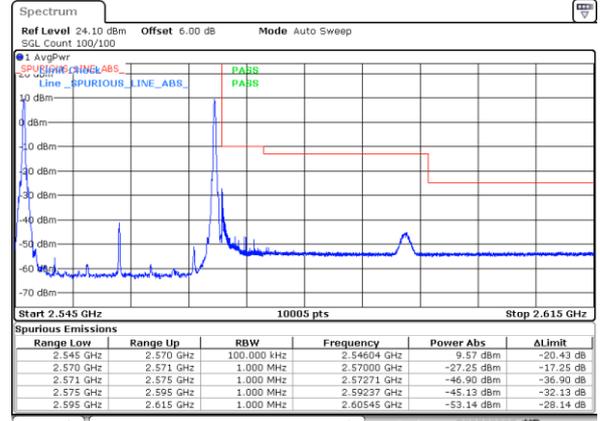
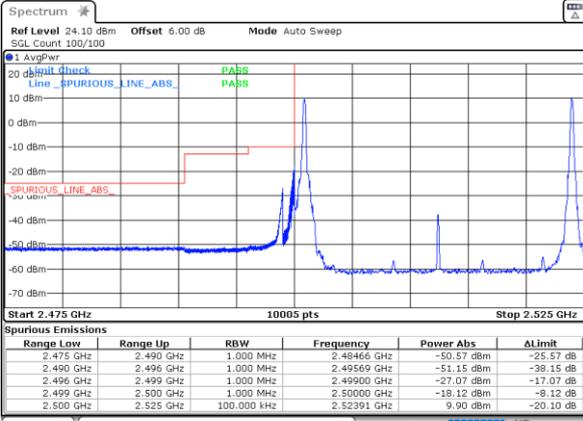


LTE Band 7 / 15MHz+10MHz

QPSK

Lowest Band Edge / 1RB0 and 1RB49

Highest Band Edge / 1RB0 and 1RB49

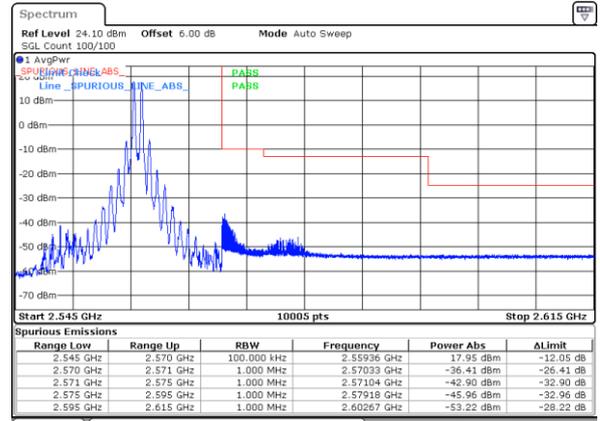
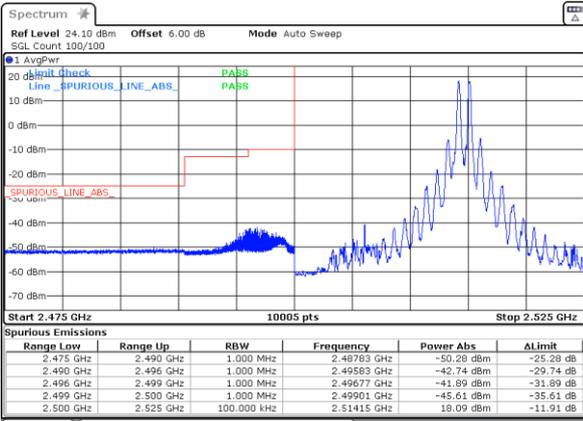


Date: 13\_JUL\_2022 09:10:01

Date: 27\_JUN\_2022 12:41:55

Lowest Band Edge / 1RB74 and 1RB0

Highest Band Edge / 1RB74 and 1RB0

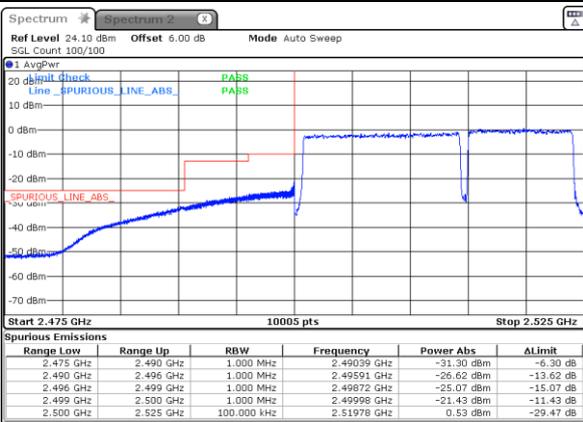


Date: 13\_JUL\_2022 08:42:53

Date: 27\_JUN\_2022 12:47:43

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 13\_JUL\_2022 08:37:53

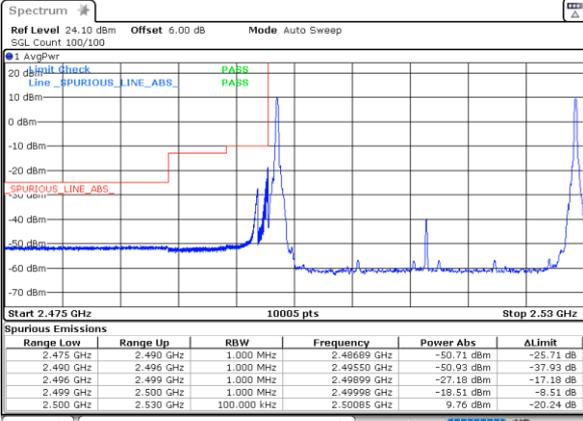
Date: 27\_JUN\_2022 12:48:33



LTE Band 7 / 15MHz+15MHz

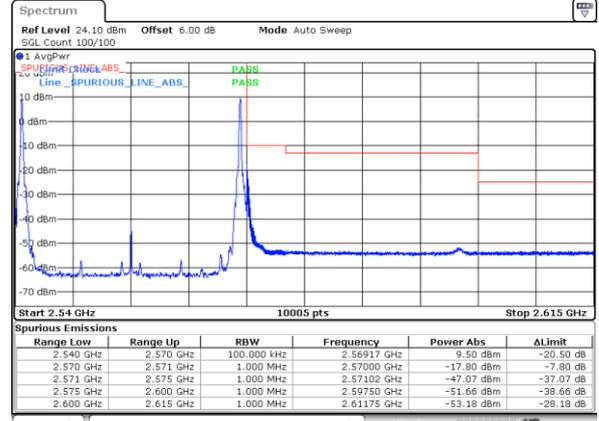
QPSK

Lowest Band Edge / 1RB0 and 1RB74



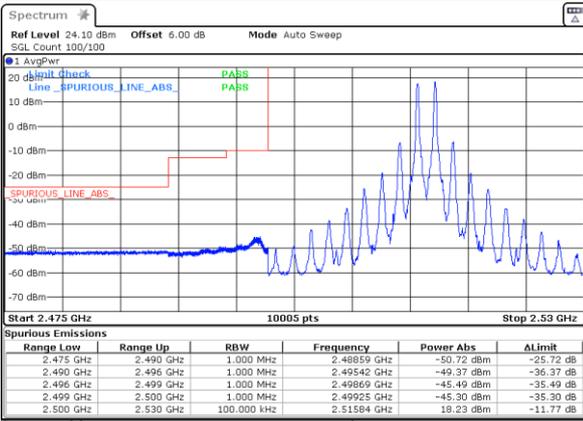
Date: 13\_JUL\_2022 08:52:49

Highest Band Edge / 1RB0 and 1RB74



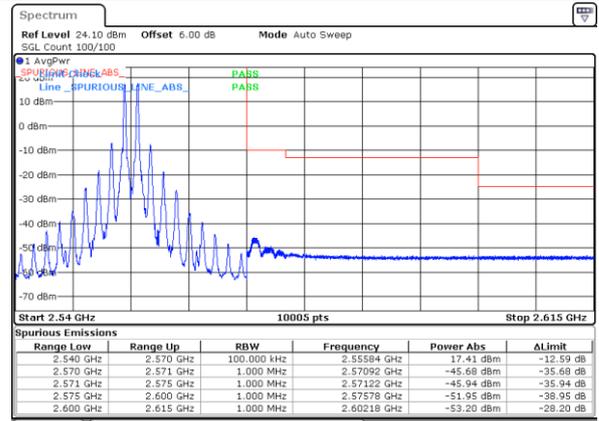
Date: 27\_JUN\_2022 13:13:06

Lowest Band Edge / 1RB74 and 1RB0



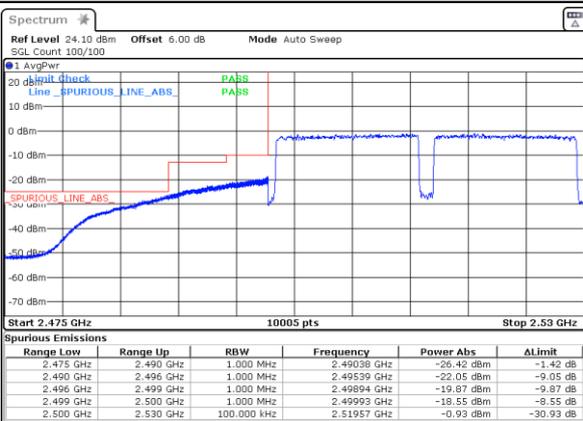
Date: 13\_JUL\_2022 08:48:27

Highest Band Edge / 1RB74 and 1RB0



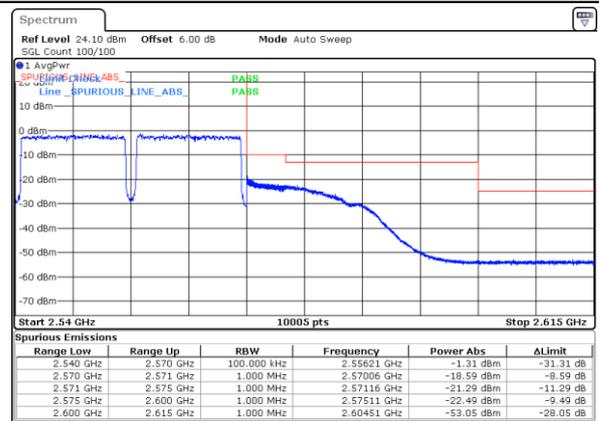
Date: 27\_JUN\_2022 13:36:08

Lowest Band Edge / Full RB



Date: 13\_JUL\_2022 08:53:25

Highest Band Edge / Full RB



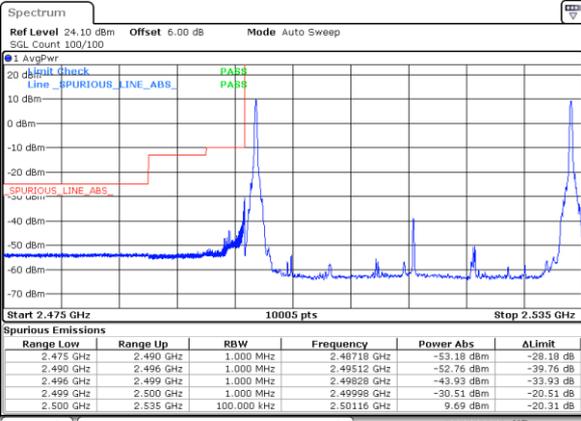
Date: 27\_JUN\_2022 13:36:57



LTE Band 7 / 15MHz+20MHz

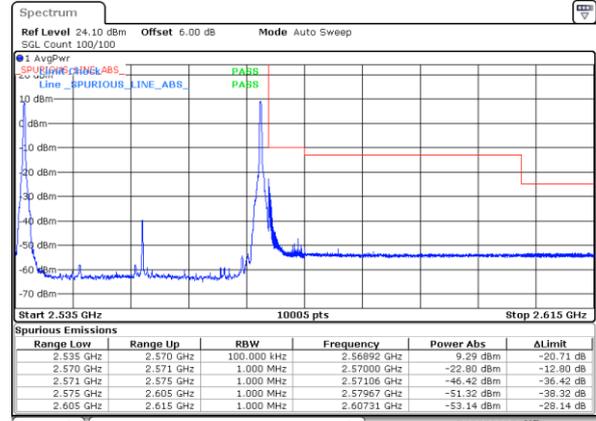
QPSK

Lowest Band Edge / 1RB0 and 1RB99



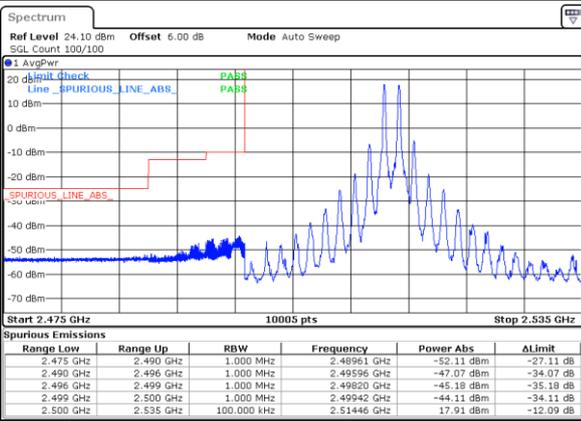
Date: 27\_JUN\_2022 13:41:50

Highest Band Edge / 1RB0 and 1RB99



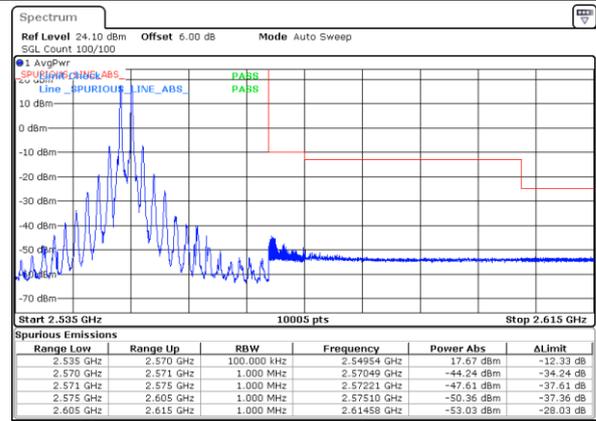
Date: 27\_JUN\_2022 13:54:48

Lowest Band Edge / 1RB74 and 1RB0



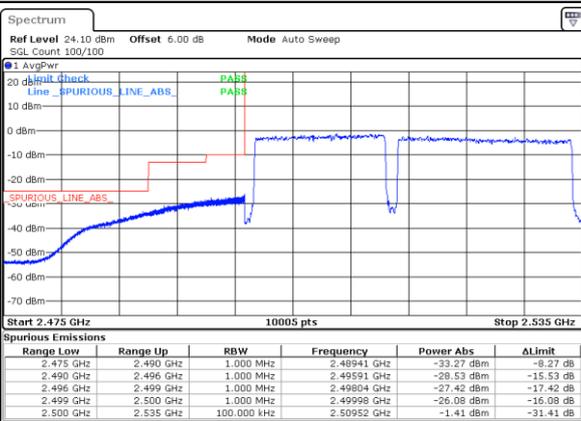
Date: 27\_JUN\_2022 13:47:32

Highest Band Edge / 1RB74 and 1RB0



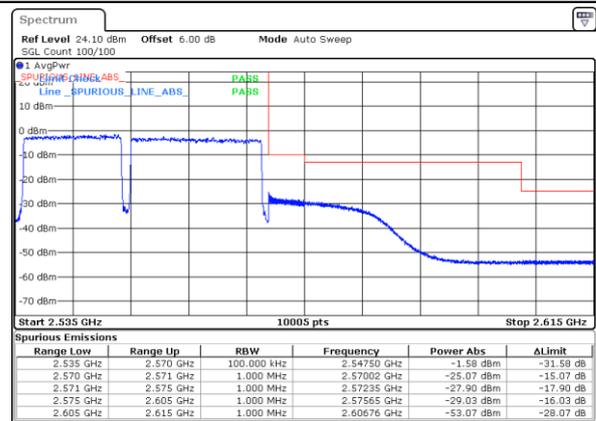
Date: 27\_JUN\_2022 14:04:02

Lowest Band Edge / Full RB



Date: 27\_JUN\_2022 13:48:21

Highest Band Edge / Full RB



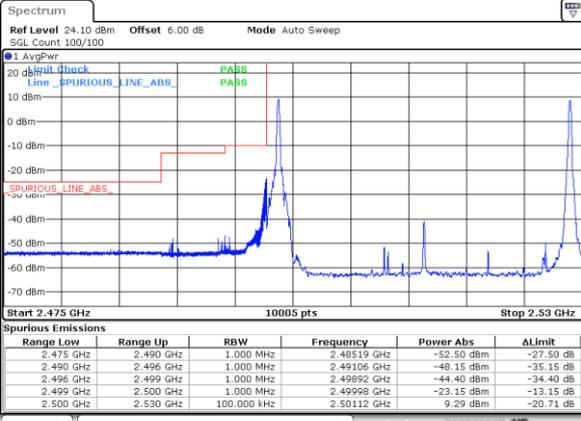
Date: 27\_JUN\_2022 14:04:52



LTE Band 7 / 20MHz+10MHz

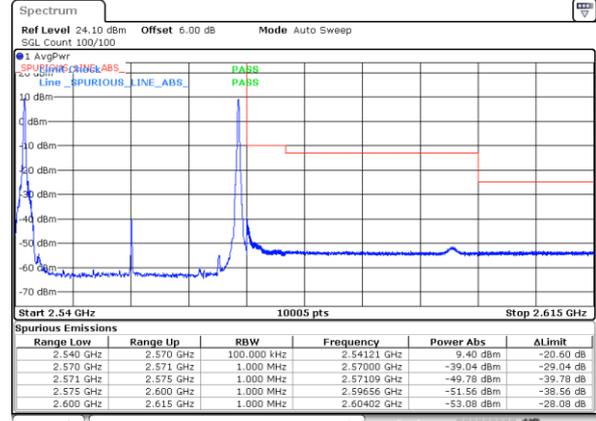
QPSK

Lowest Band Edge / 1RB0 and 1RB74



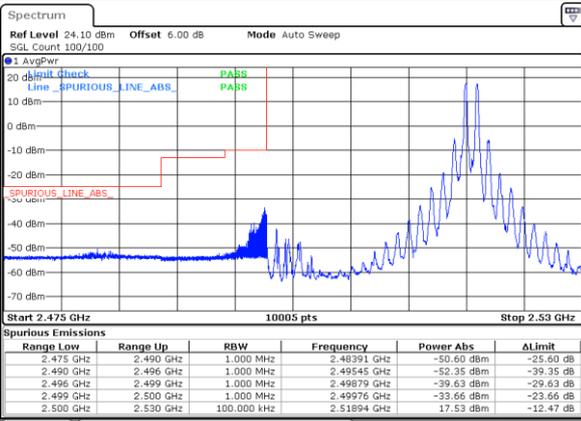
Date: 27 JUN 2022 14:11:43

Highest Band Edge / 1RB0 and 1RB74



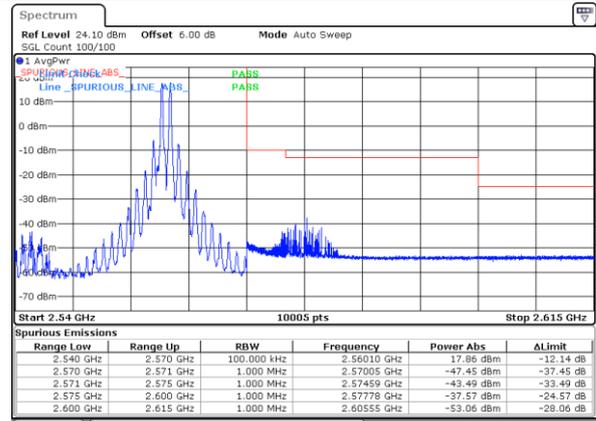
Date: 27 JUN 2022 14:28:14

Lowest Band Edge / 1RB99 and 1RB0



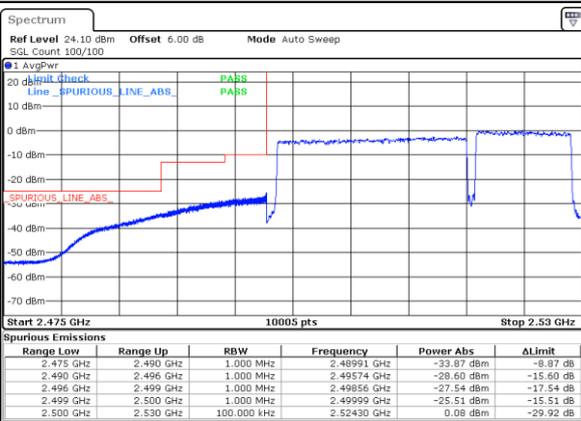
Date: 27 JUN 2022 14:20:59

Highest Band Edge / 1RB99 and 1RB0



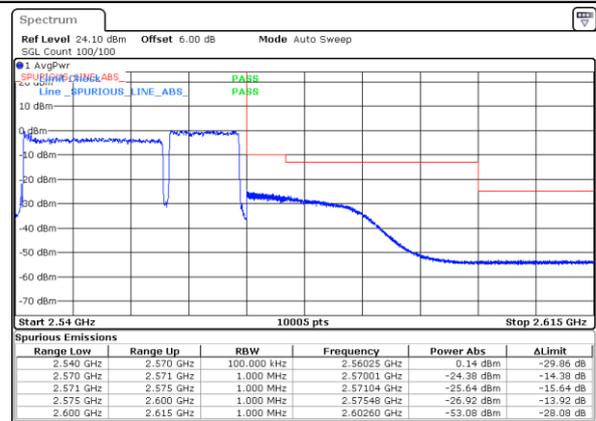
Date: 27 JUN 2022 14:33:56

Lowest Band Edge / Full RB



Date: 27 JUN 2022 14:21:48

Highest Band Edge / Full RB



Date: 27 JUN 2022 14:34:46

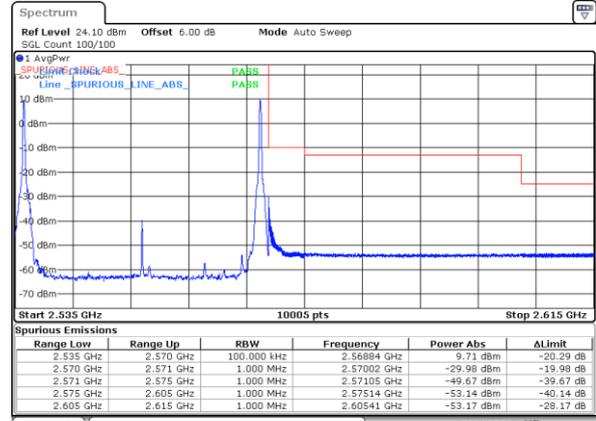
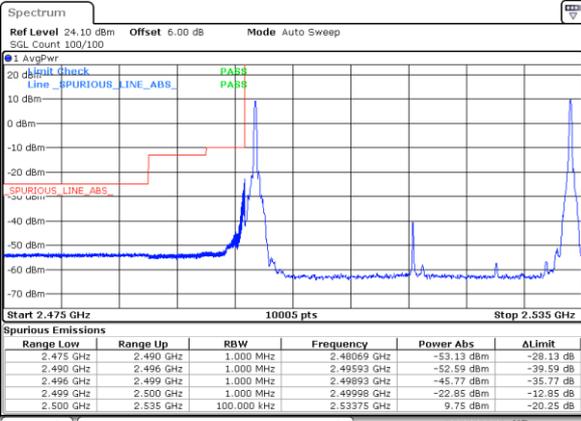


LTE Band 7 / 20MHz+15MHz

QPSK

Lowest Band Edge / 1RB0 and 1RB74

Highest Band Edge / 1RB0 and 1RB74

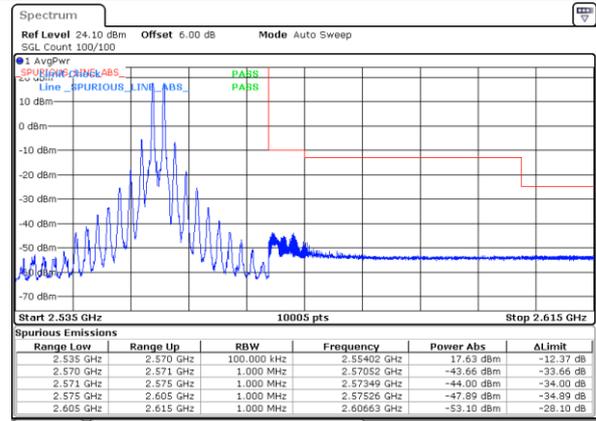
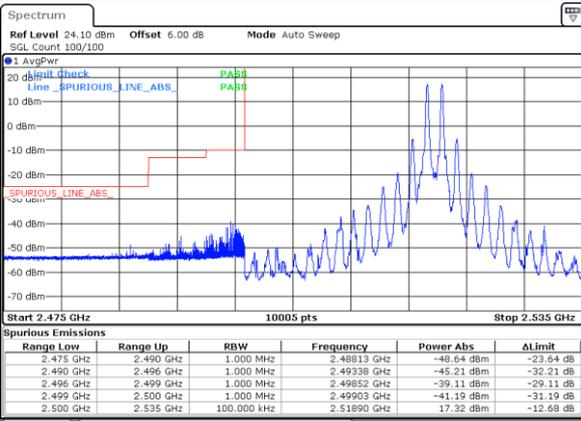


Date: 27 JUN 2022 14:39:38

Date: 27 JUN 2022 14:52:34

Lowest Band Edge / 1RB99 and 1RB0

Highest Band Edge / 1RB99 and 1RB0

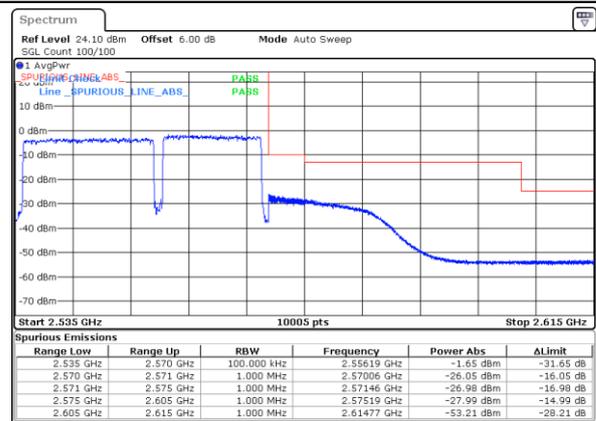
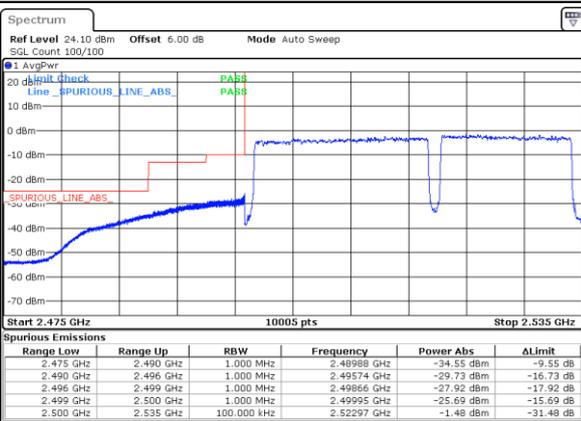


Date: 27 JUN 2022 14:45:19

Date: 27 JUN 2022 14:58:15

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 27 JUN 2022 14:46:08

Date: 27 JUN 2022 14:59:04

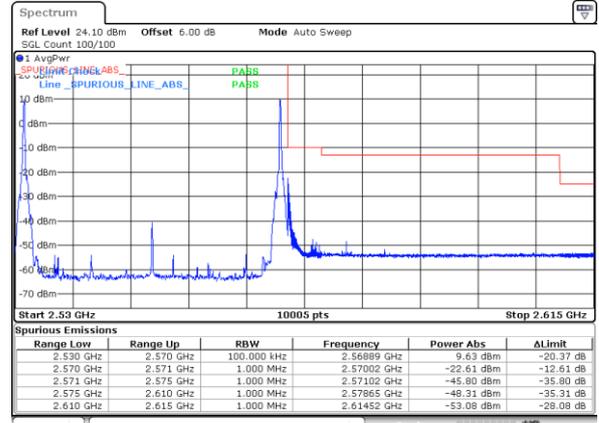
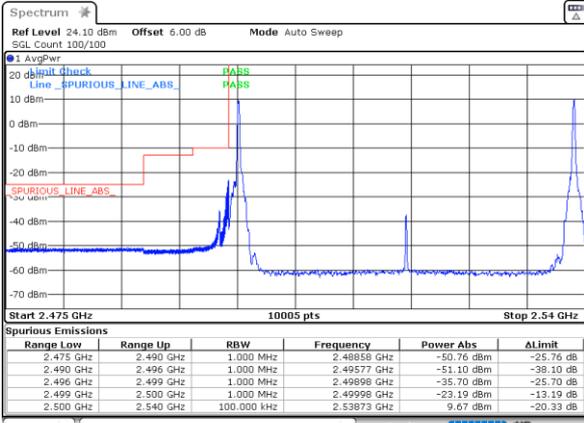


LTE Band 7 / 20MHz+20MHz

QPSK

Lowest Band Edge / 1RB0 and 1RB9

Highest Band Edge / 1RB0 and 1RB9

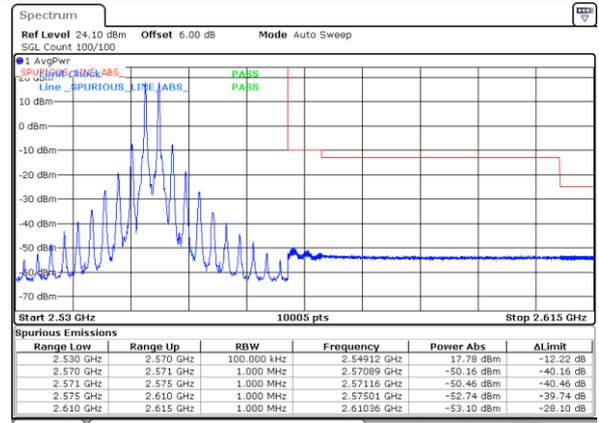
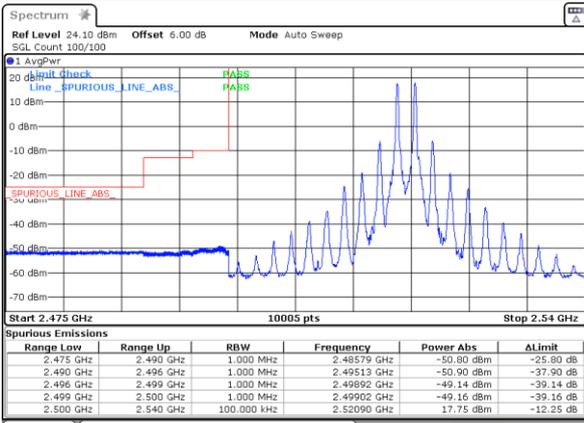


Date: 13\_JUL\_2022 09:23:47

Date: 27\_JUL\_2022 15:23:17

Lowest Band Edge / 1RB99 and 1RB0

Highest Band Edge / 1RB99 and 1RB0

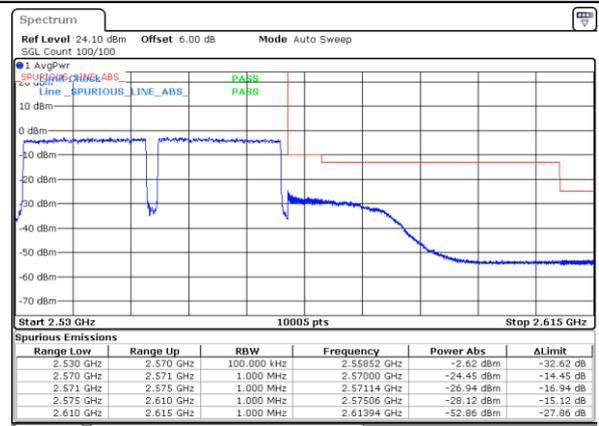
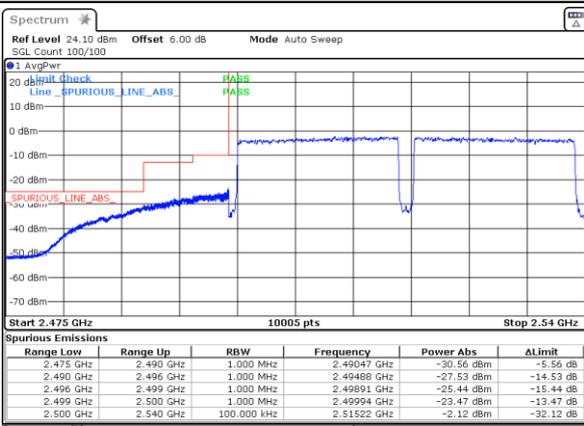


Date: 13\_JUL\_2022 09:25:08

Date: 27\_JUL\_2022 15:28:56

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 13\_JUL\_2022 09:15:10

Date: 27\_JUL\_2022 15:29:46

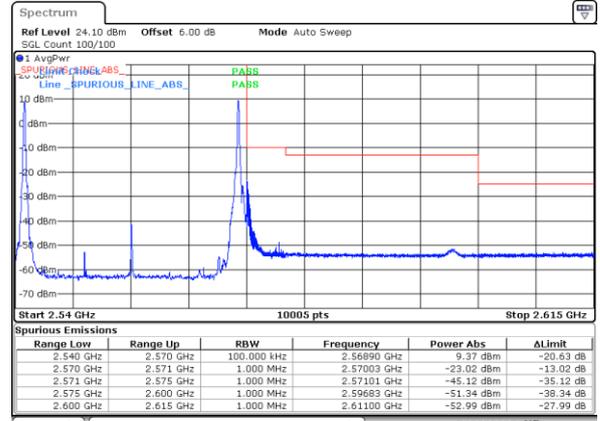
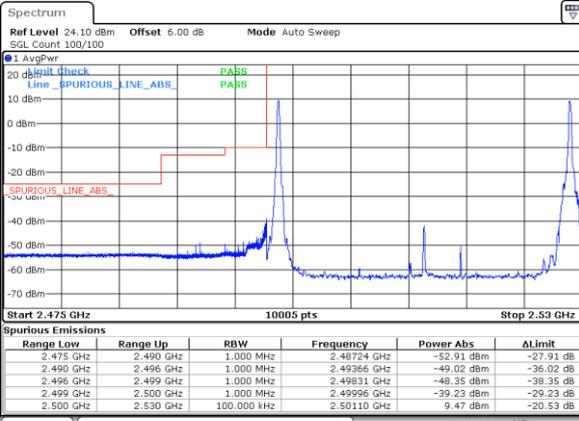


LTE Band 7 / 10MHz+20MHz

16QAM

Lowest Band Edge / 1RB0 and 1RB9

Highest Band Edge / 1RB0 and 1RB9

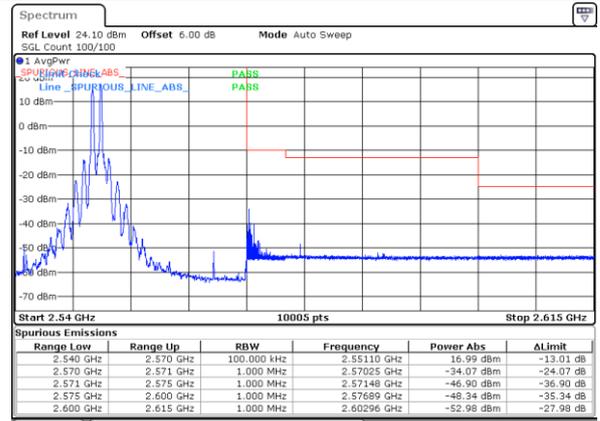
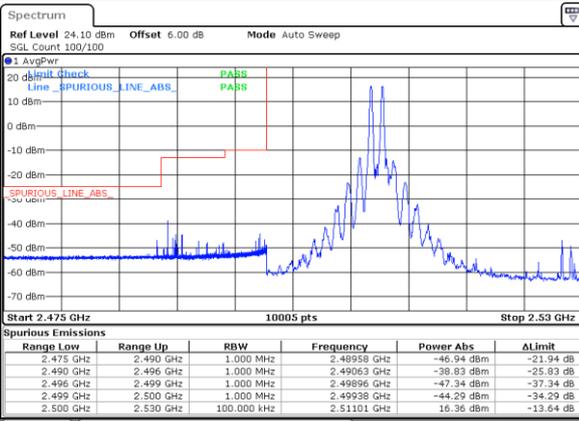


Date: 27 JUN 2022 12:02:27

Date: 27 JUN 2022 12:16:18

Lowest Band Edge / 1RB49 and 1RB0

Highest Band Edge / 1RB49 and 1RB0

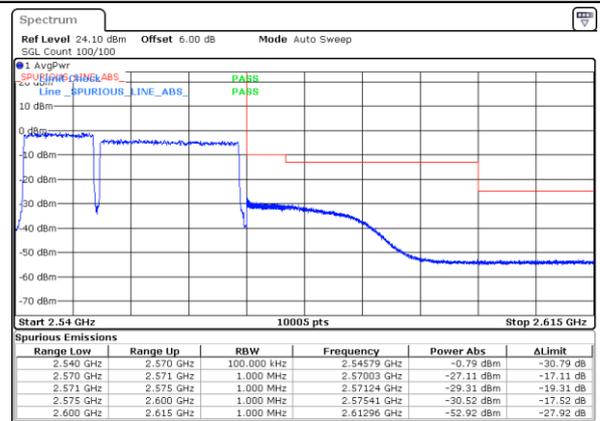
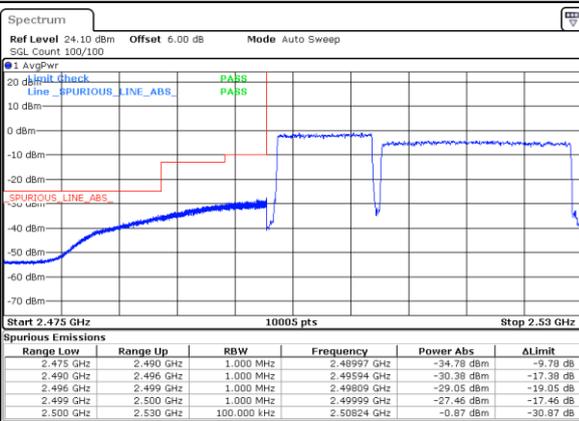


Date: 27 JUN 2022 12:06:35

Date: 27 JUN 2022 12:20:26

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 27 JUN 2022 12:09:48

Date: 27 JUN 2022 12:22:56

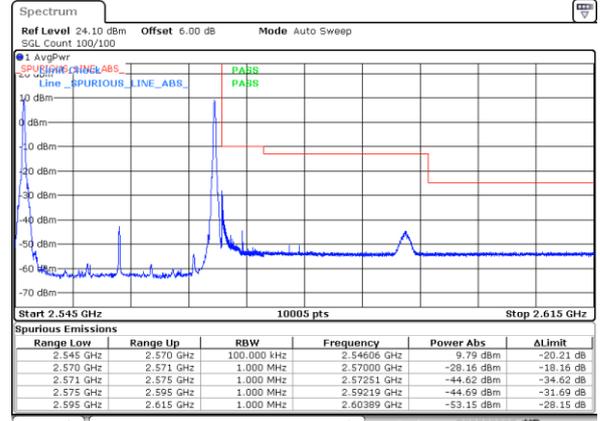
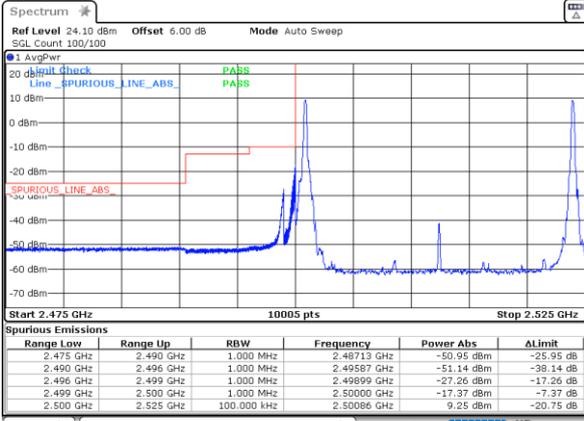


LTE Band 7 / 15MHz+10MHz

16QAM

Lowest Band Edge / 1RB0 and 1RB49

Highest Band Edge / 1RB0 and 1RB49

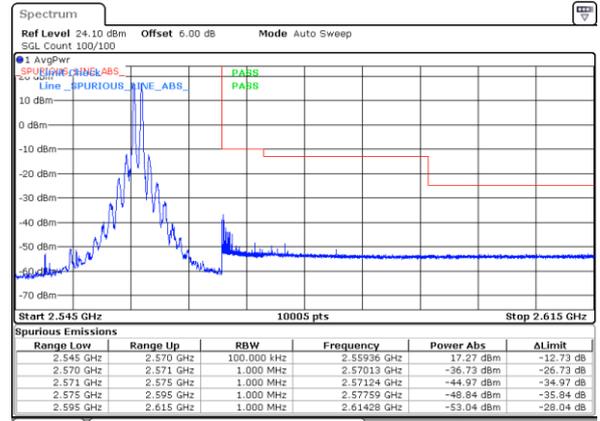
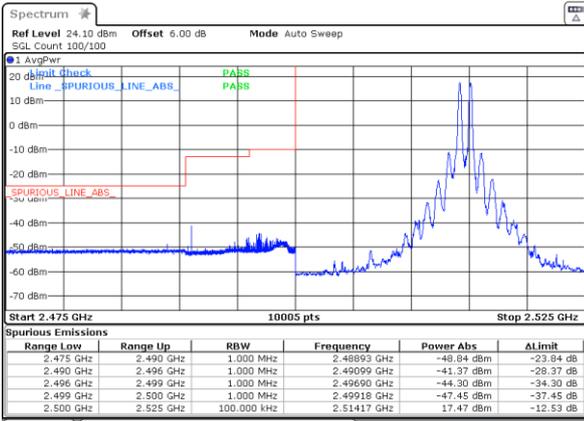


Date: 13\_JUL\_2022 08:41:22

Date: 27\_JUN\_2022 12:42:45

Lowest Band Edge / 1RB74 and 1RB0

Highest Band Edge / 1RB74 and 1RB0

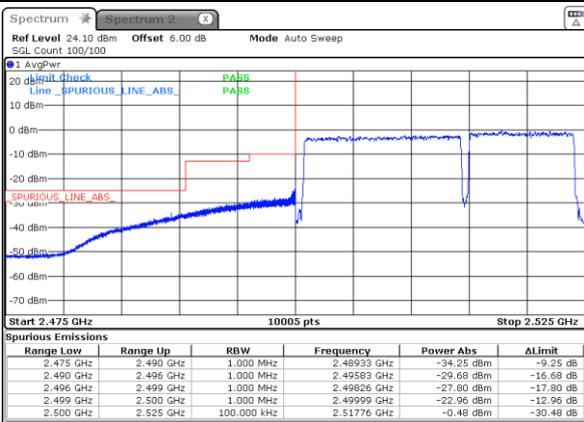


Date: 13\_JUL\_2022 08:43:34

Date: 27\_JUN\_2022 12:46:53

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 13\_JUL\_2022 08:37:03

Date: 27\_JUN\_2022 12:49:23

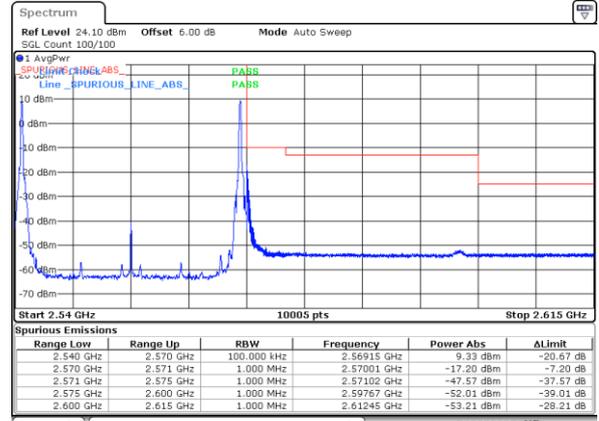
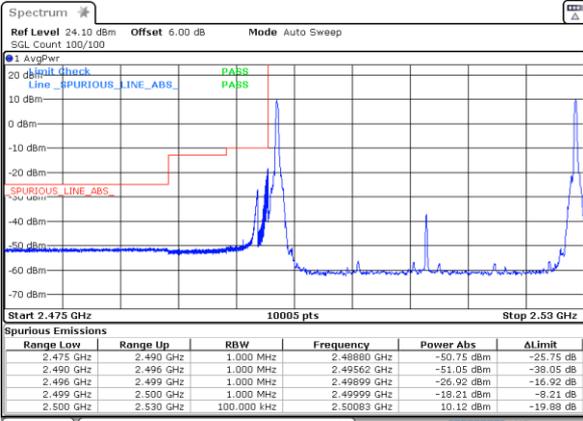


LTE Band 7 / 15MHz+15MHz

16QAM

Lowest Band Edge / 1RB0 and 1RB74

Highest Band Edge / 1RB0 and 1RB74

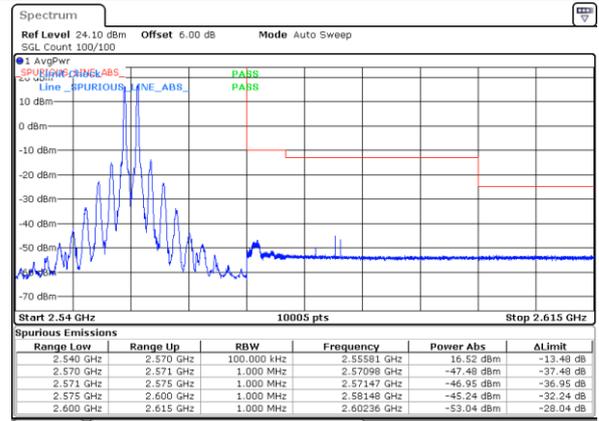
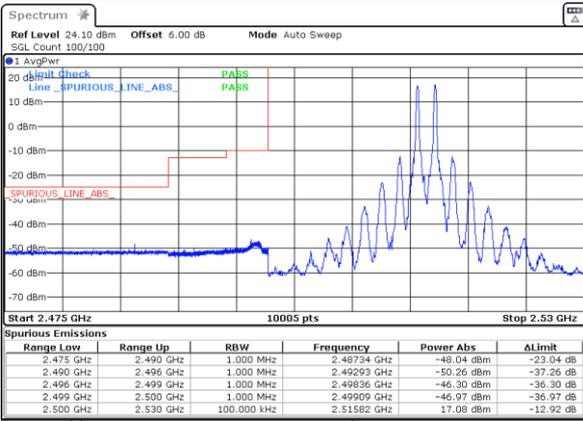


Date: 13\_JUL\_2022 08:51:58

Date: 27\_JUN\_2022 13:13:54

Lowest Band Edge / 1RB74 and 1RB0

Highest Band Edge / 1RB74 and 1RB0

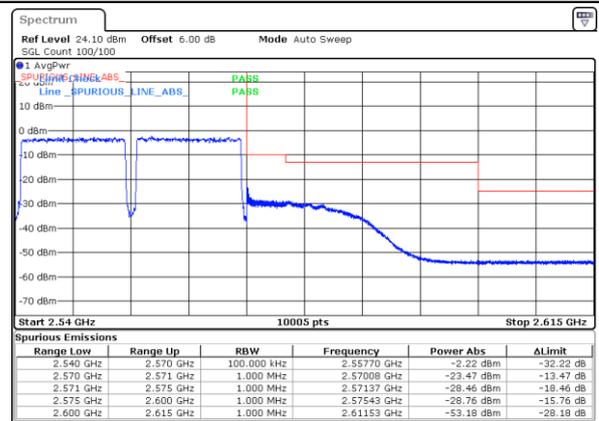
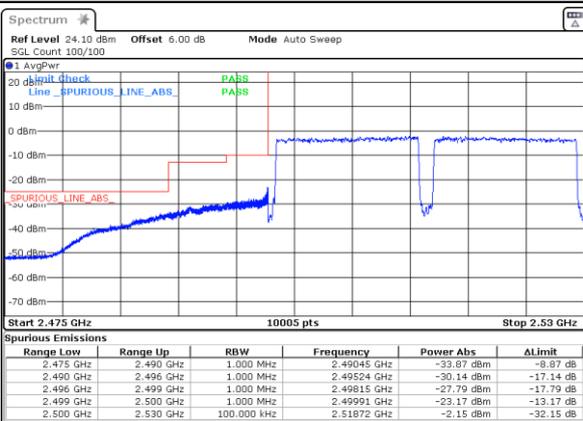


Date: 13\_JUL\_2022 08:49:03

Date: 27\_JUN\_2022 13:35:19

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 13\_JUL\_2022 08:54:02

Date: 27\_JUN\_2022 13:37:46

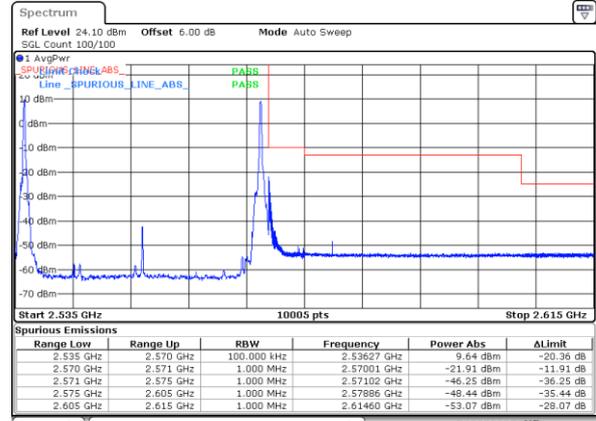
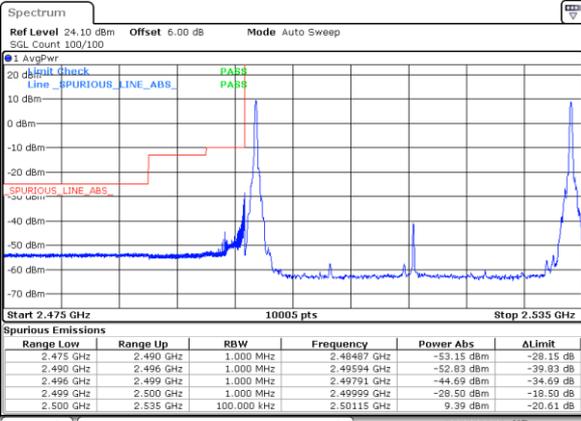


LTE Band 7 / 15MHz+20MHz

16QAM

Lowest Band Edge / 1RB0 and 1RB99

Highest Band Edge / 1RB0 and 1RB99

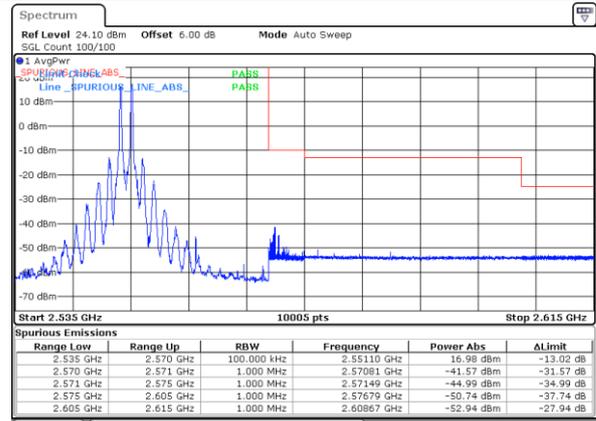
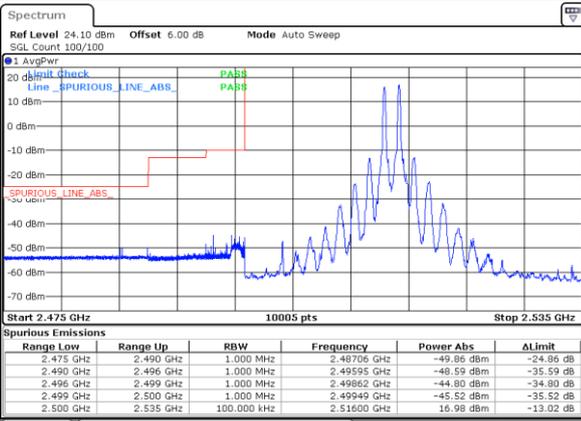


Date: 27 JUN 2022 13:42:19

Date: 27 JUN 2022 13:55:37

Lowest Band Edge / 1RB74 and 1RB0

Highest Band Edge / 1RB74 and 1RB0

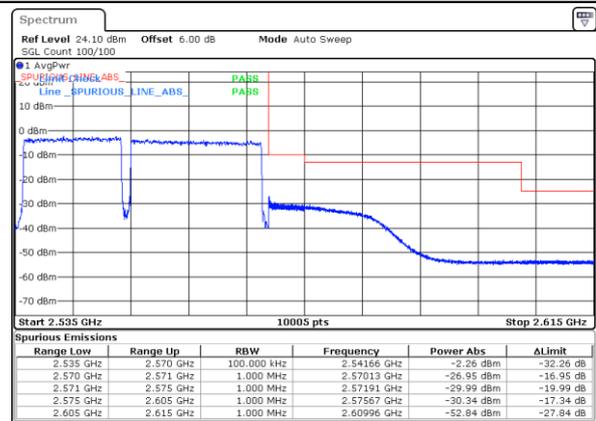
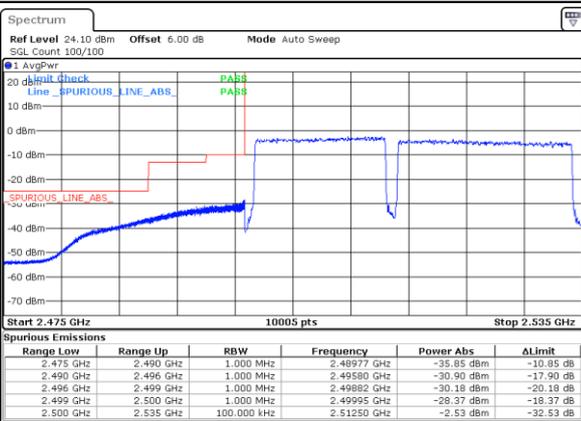


Date: 27 JUN 2022 13:46:43

Date: 27 JUN 2022 14:03:14

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 27 JUN 2022 13:49:10

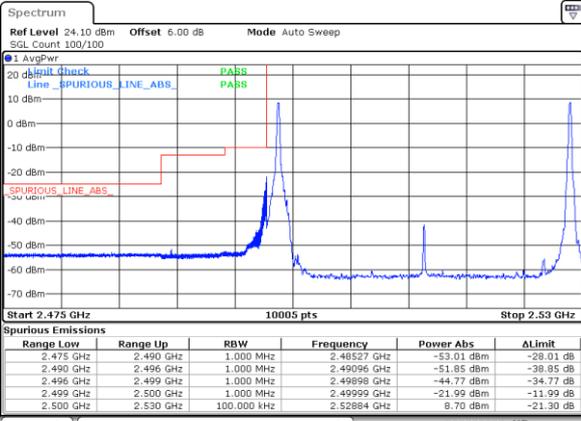
Date: 27 JUN 2022 14:05:41



LTE Band 7 / 20MHz+10MHz

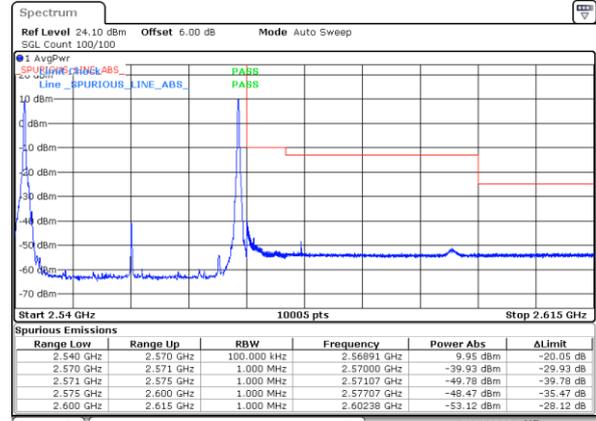
16QAM

Lowest Band Edge / 1RB0 and 1RB49



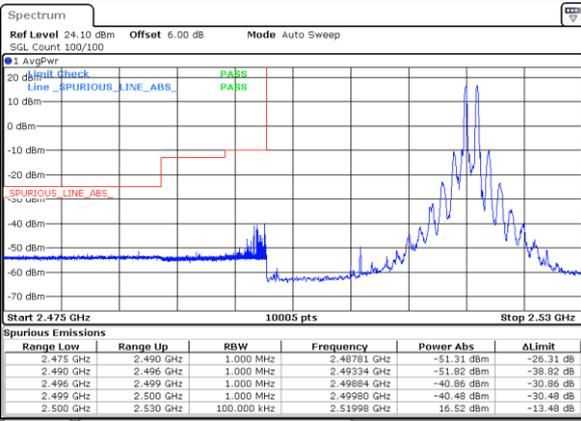
Date: 27 JUN 2022 14:16:07

Highest Band Edge / 1RB0 and 1RB49



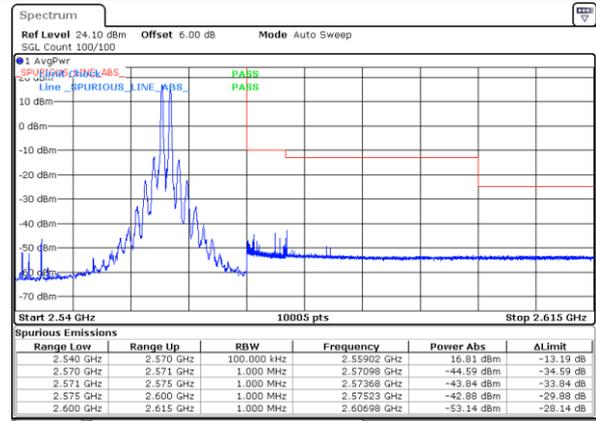
Date: 27 JUN 2022 14:29:03

Lowest Band Edge / 1RB99 and 1RB0



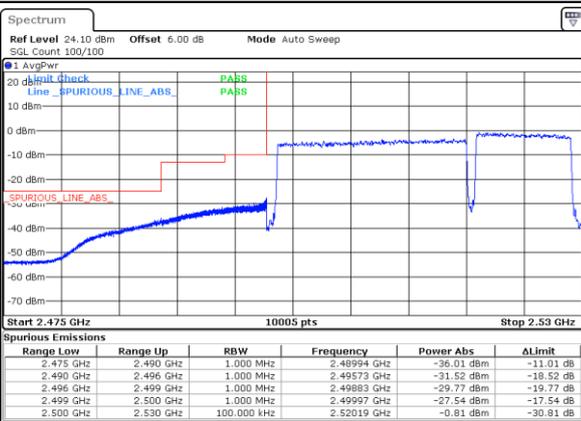
Date: 27 JUN 2022 14:20:10

Highest Band Edge / 1RB99 and 1RB0



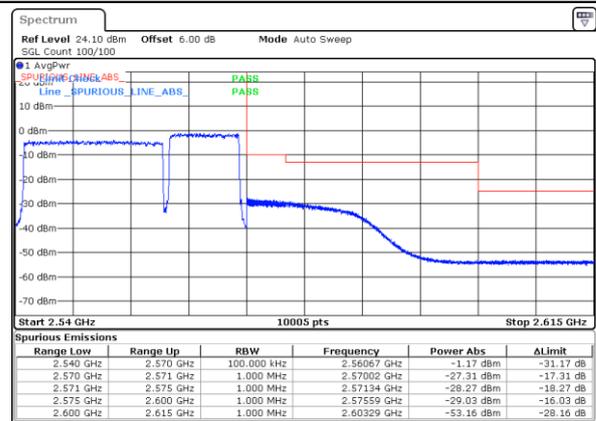
Date: 27 JUN 2022 14:33:07

Lowest Band Edge / Full RB



Date: 27 JUN 2022 14:22:37

Highest Band Edge / Full RB



Date: 27 JUN 2022 14:35:35

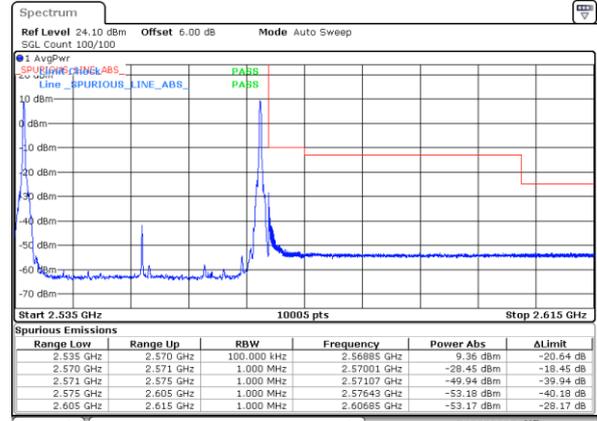
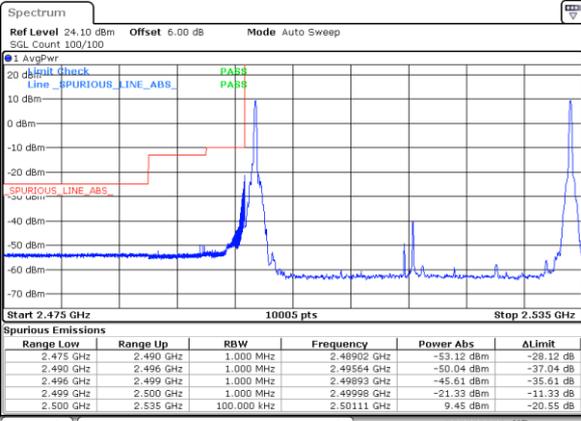


LTE Band 7 / 20MHz+15MHz

16QAM

Lowest Band Edge / 1RB0 and 1RB74

Highest Band Edge / 1RB0 and 1RB74

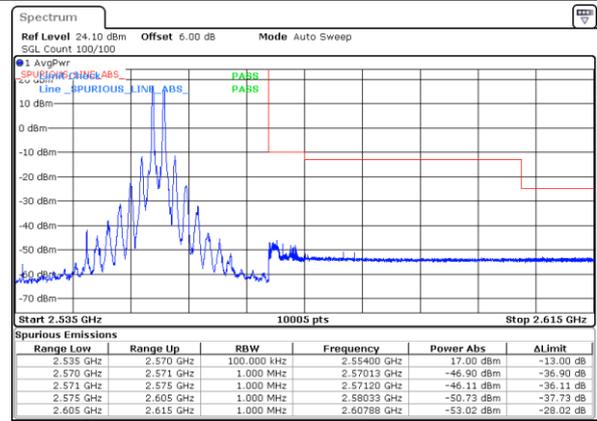
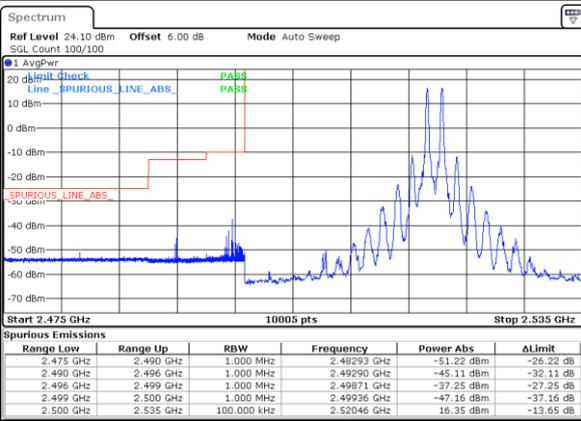


Date: 27 JUN 2022 14:40:26

Date: 27 JUN 2022 14:53:22

Lowest Band Edge / 1RB99 and 1RB0

Highest Band Edge / 1RB99 and 1RB0

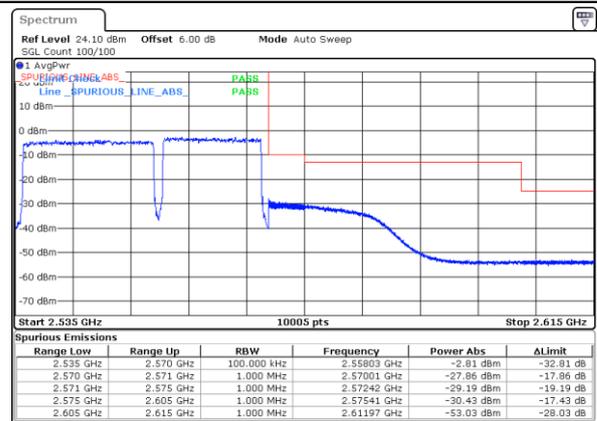
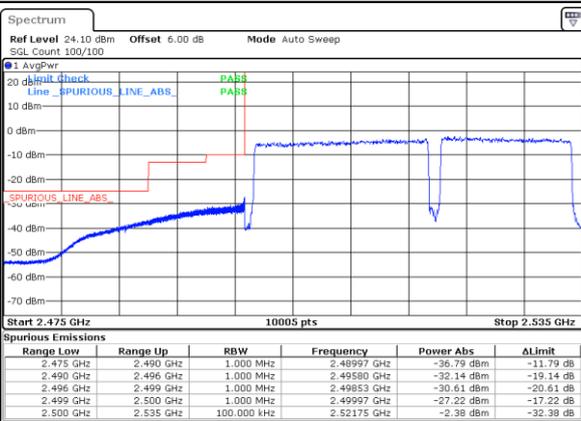


Date: 27 JUN 2022 14:44:30

Date: 27 JUN 2022 14:57:26

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 27 JUN 2022 14:46:57

Date: 27 JUN 2022 14:59:53

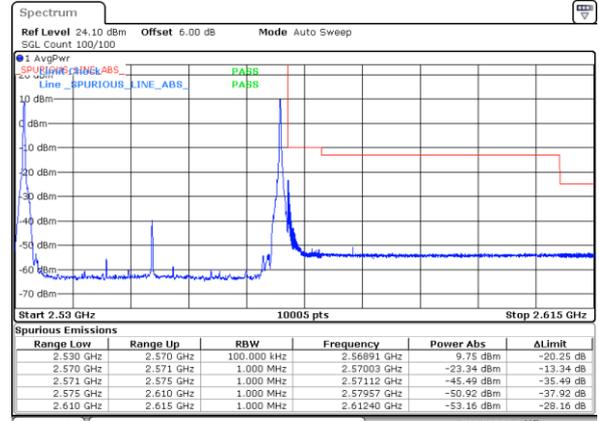
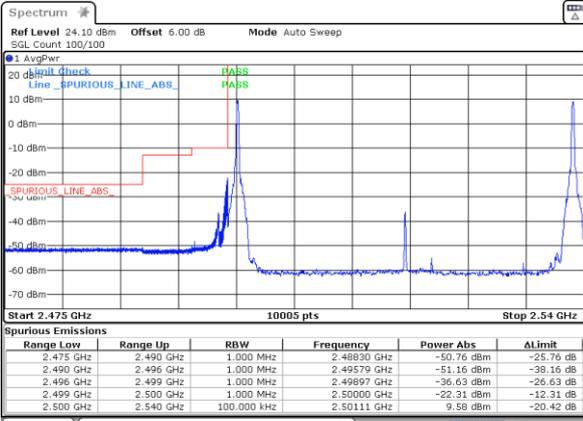


LTE Band 7 / 20MHz+20MHz

16QAM

Lowest Band Edge / 1RB0 and 1RB9

Highest Band Edge / 1RB0 and 1RB9

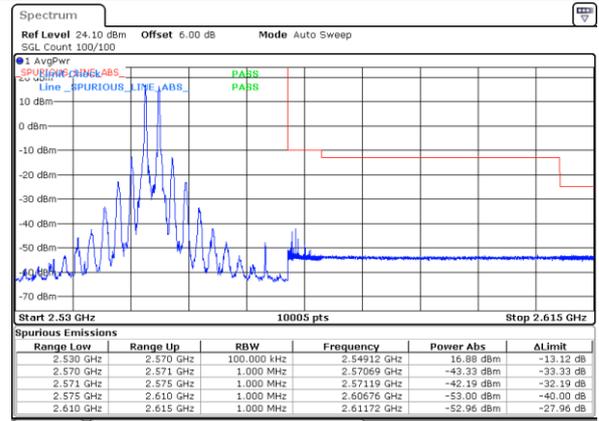
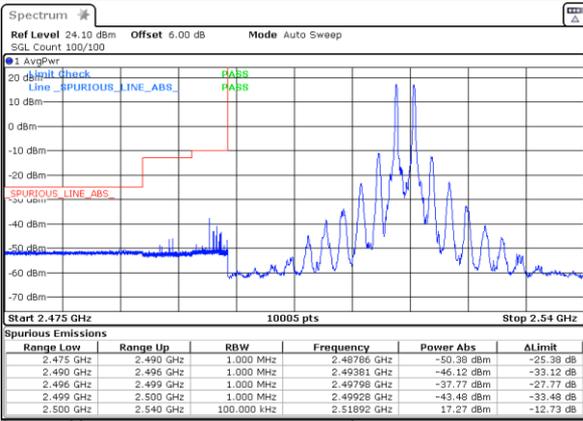


Date: 13\_JUL\_2022 09:23:07

Date: 27\_JUL\_2022 15:24:05

Lowest Band Edge / 1RB99 and 1RB0

Highest Band Edge / 1RB99 and 1RB0

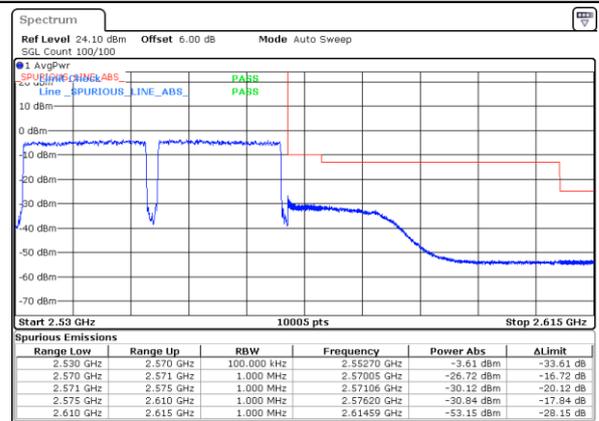
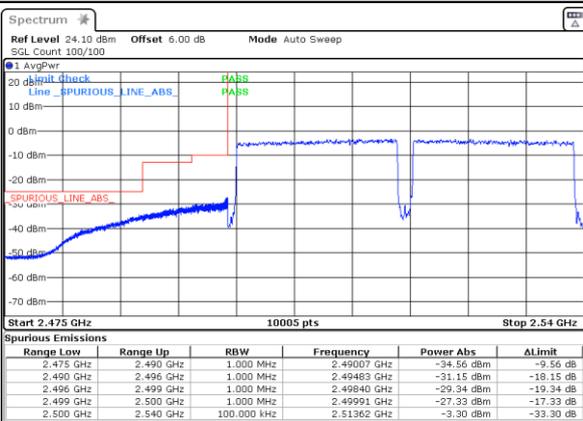


Date: 13\_JUL\_2022 09:25:51

Date: 27\_JUL\_2022 15:28:08

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 13\_JUL\_2022 09:17:32

Date: 27\_JUL\_2022 15:30:34

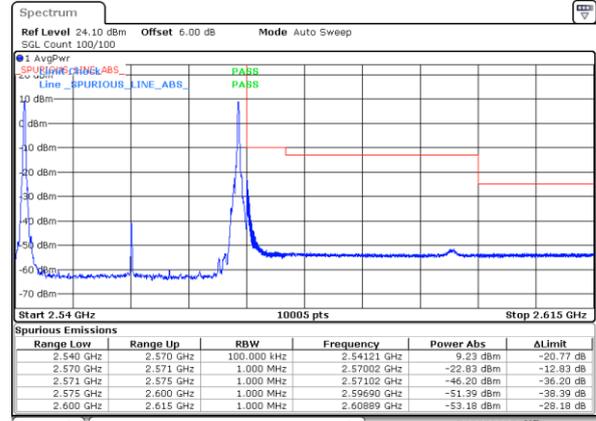
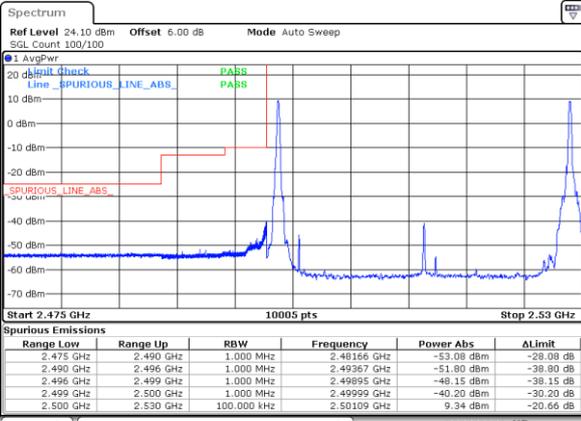


LTE Band 7 / 10MHz+20MHz

64QAM

Lowest Band Edge / 1RB0 and 1RB9

Highest Band Edge / 1RB0 and 1RB9

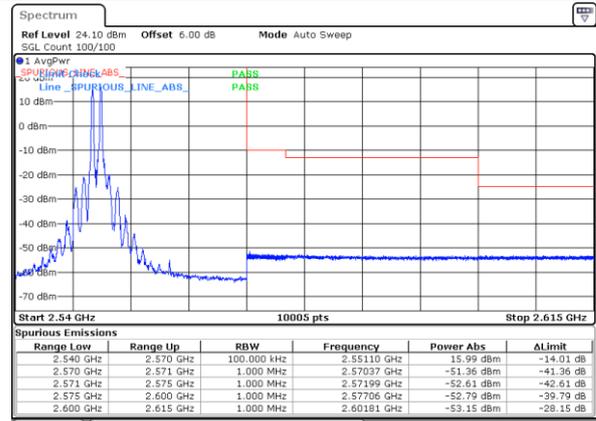
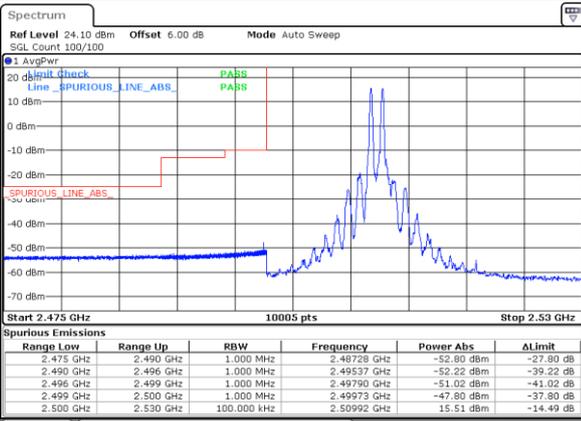


Date: 27 JUN 2022 12:03:17

Date: 27 JUN 2022 12:17:08

Lowest Band Edge / 1RB49 and 1RB0

Highest Band Edge / 1RB49 and 1RB0

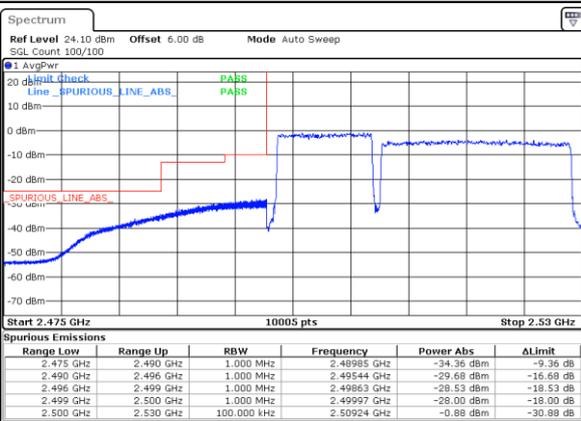


Date: 27 JUN 2022 12:05:45

Date: 27 JUN 2022 12:19:36

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 27 JUN 2022 12:10:37

Date: 27 JUN 2022 12:23:45