

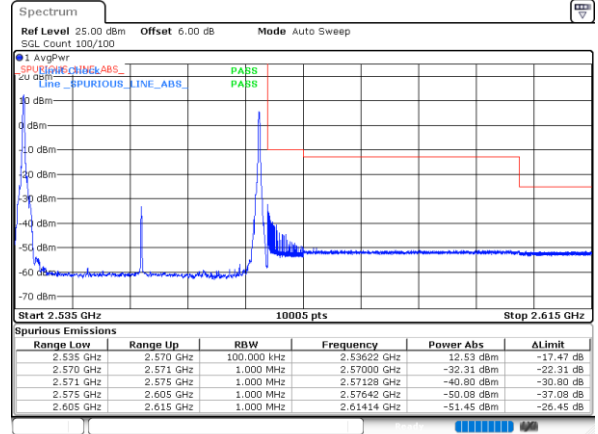
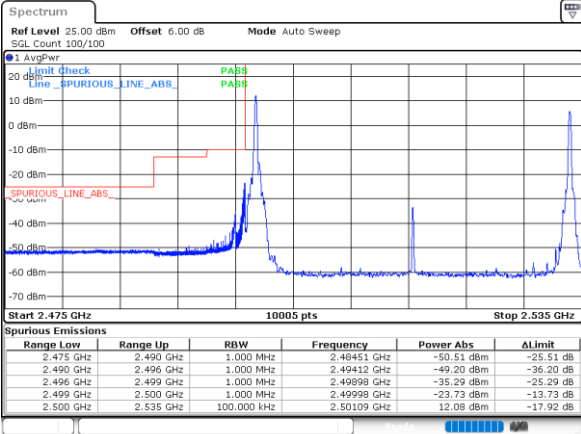


LTE LTE Band 7C / 20MHz+15MHz

64QAM

Lowest Band Edge / 1RB0 and 1RB74

Highest Band Edge / 1RB0 and 1RB74

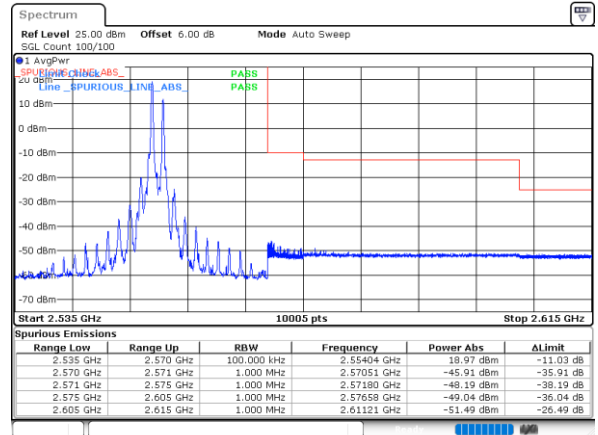
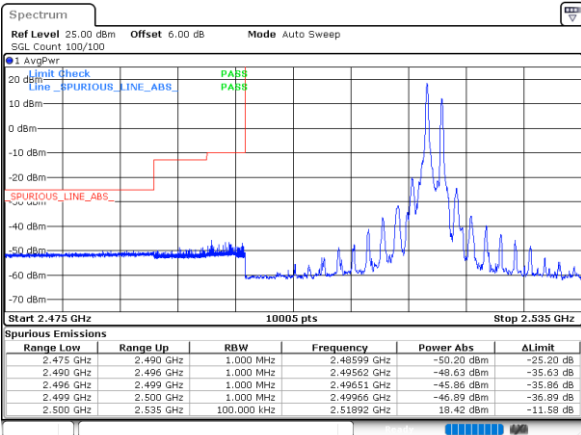


Date: 31.JAN.2022 02:12:27

Date: 31.JAN.2022 02:41:11

Lowest Band Edge / 1RB99 and 1RB0

Highest Band Edge / 1RB99 and 1RB0

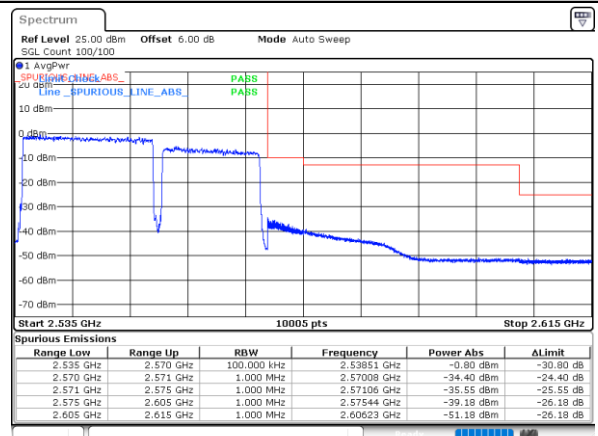
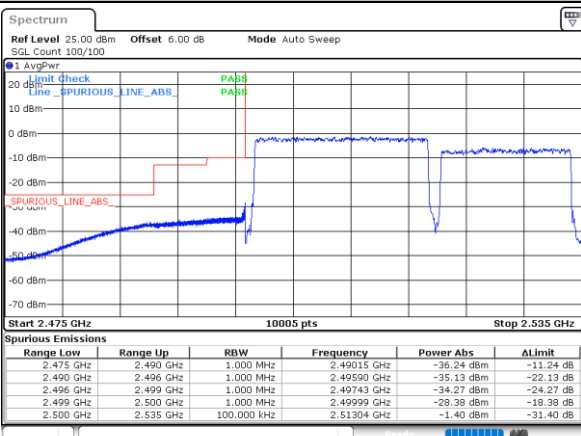


Date: 31.JAN.2022 02:27:48

Date: 31.JAN.2022 02:42:21

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 31.JAN.2022 02:34:25

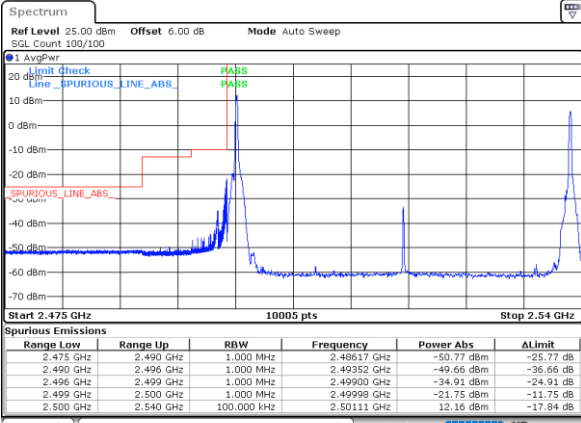
Date: 31.JAN.2022 02:48:14



LTE LTE Band 7C / 20MHz+20MHz

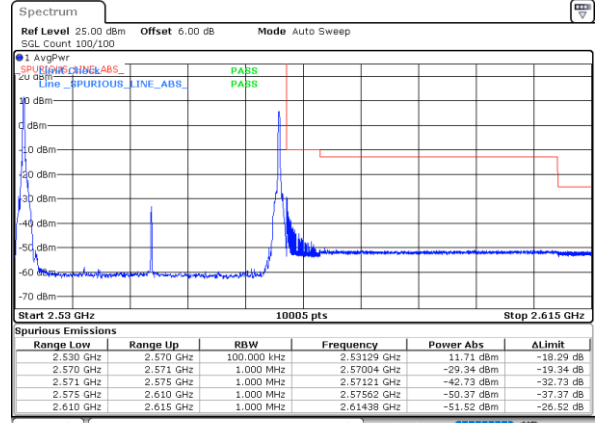
64QAM

Lowest Band Edge / 1RB0 and 1RB9



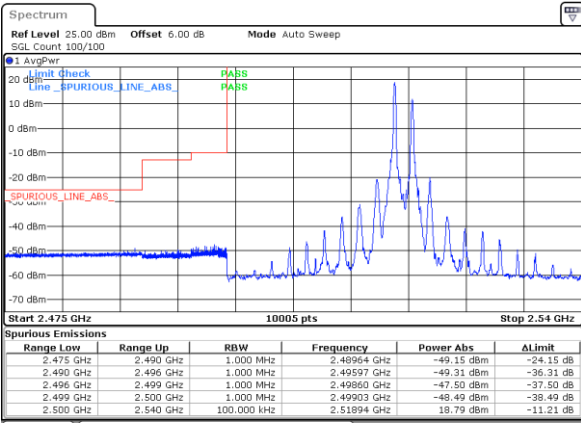
Date: 31\_JAN,2022 02:53:24

Highest Band Edge / 1RB0 and 1RB9



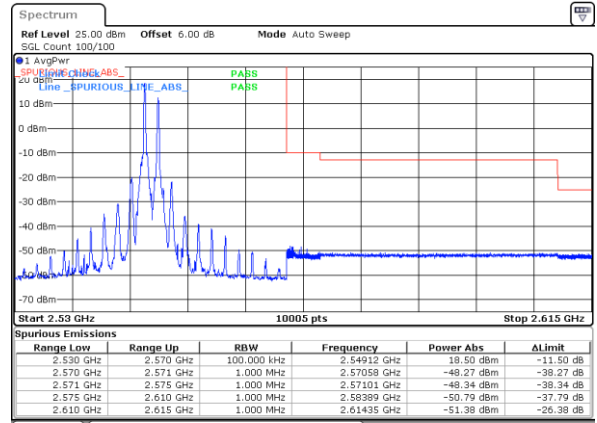
Date: 31\_JAN,2022 03:07:13

Lowest Band Edge / 1RB99 and 1RB0



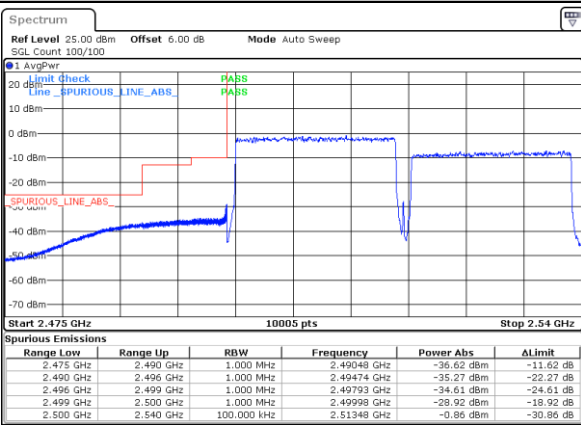
Date: 31\_JAN,2022 02:54:35

Highest Band Edge / 1RB99 and 1RB0



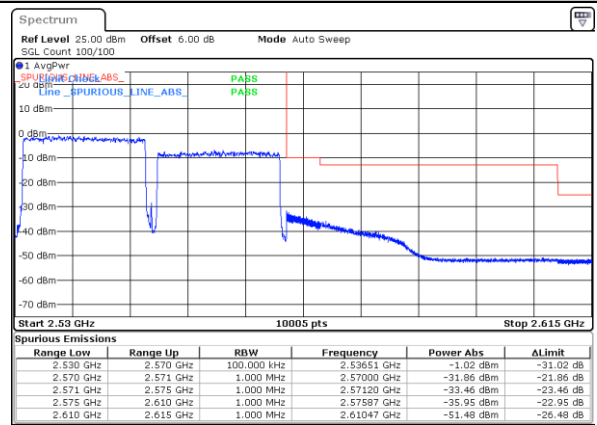
Date: 31\_JAN,2022 03:08:23

Lowest Band Edge / Full RB



Date: 31\_JAN,2022 03:00:28

Highest Band Edge / Full RB



Date: 31\_JAN,2022 03:14:16

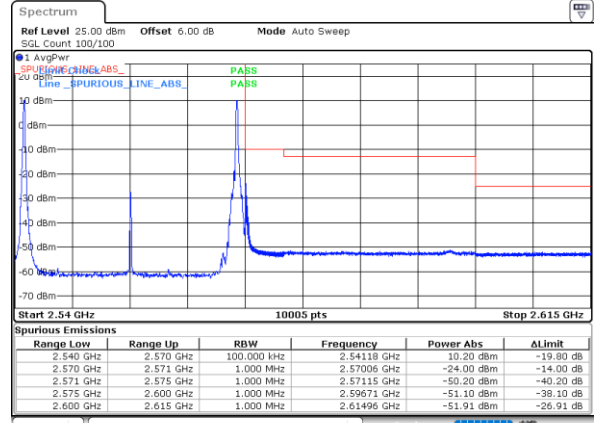
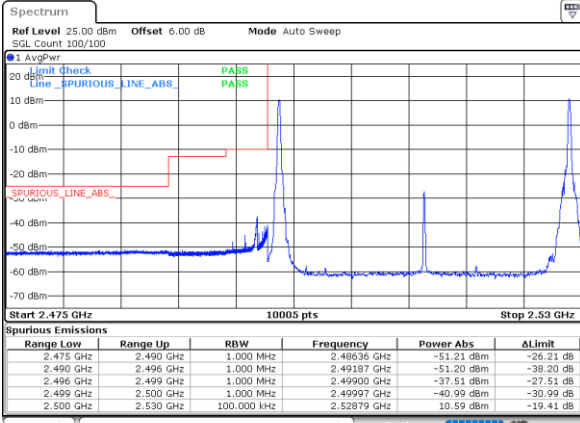


LTE LTE Band 7C / 10MHz+20MHz

256QAM

Lowest Band Edge / 1RB0 and 1RB9

Highest Band Edge / 1RB0 and 1RB9

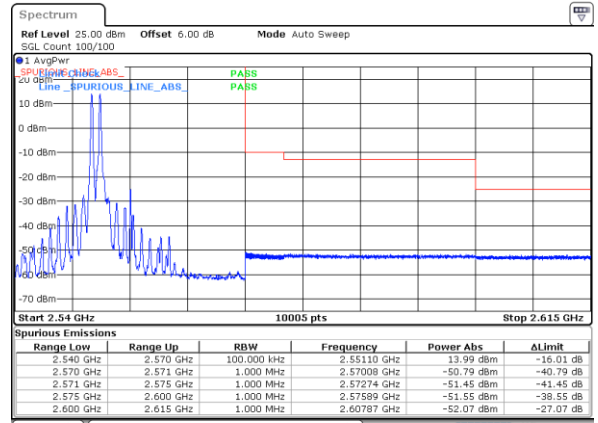
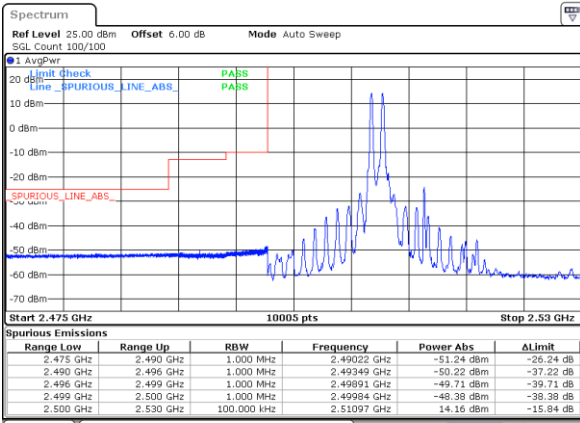


Date: 19.MAR.2022 18:05:03

Date: 19.MAR.2022 18:07:07

Lowest Band Edge / 1RB49 and 1RB0

Highest Band Edge / 1RB49 and 1RB0

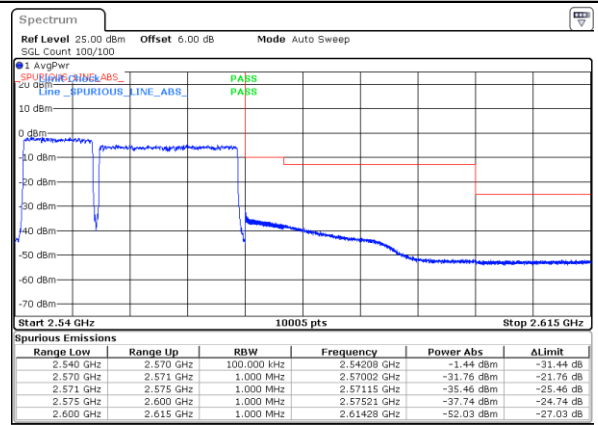
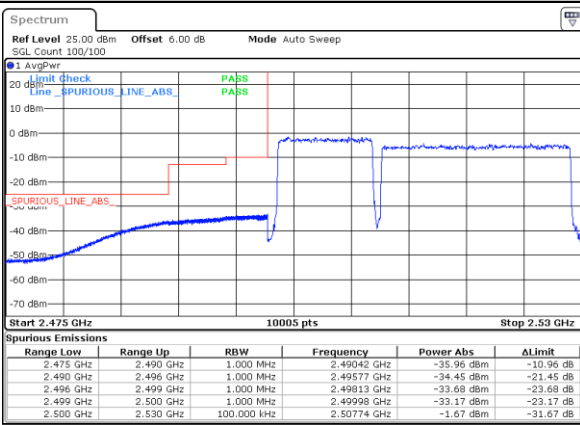


Date: 19.MAR.2022 18:04:55

Date: 19.MAR.2022 18:07:42

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 19.MAR.2022 18:05:30

Date: 19.MAR.2022 18:06:38

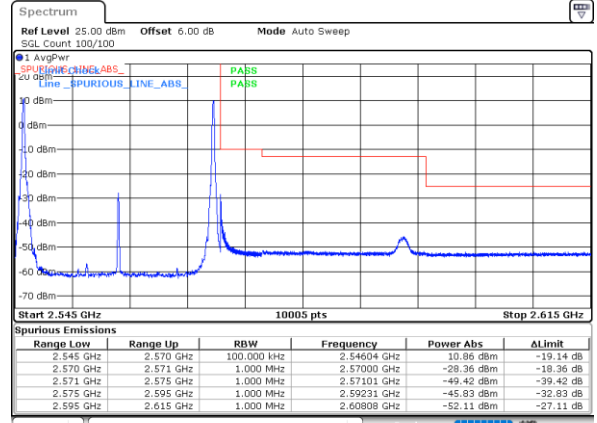
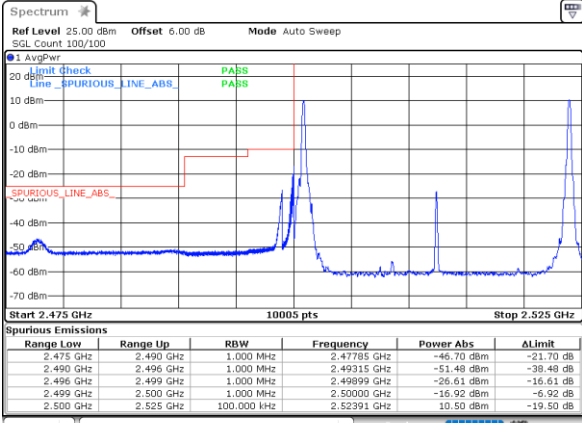


LTE LTE Band 7C / 15MHz+10MHz

256QAM

Lowest Band Edge / 1RB0 and 1RB49

Highest Band Edge / 1RB0 and 1RB49

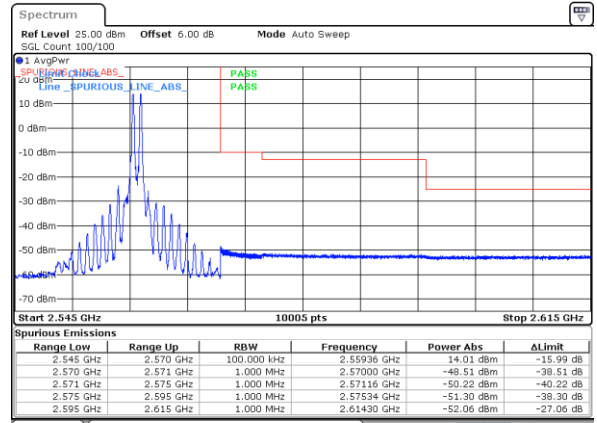
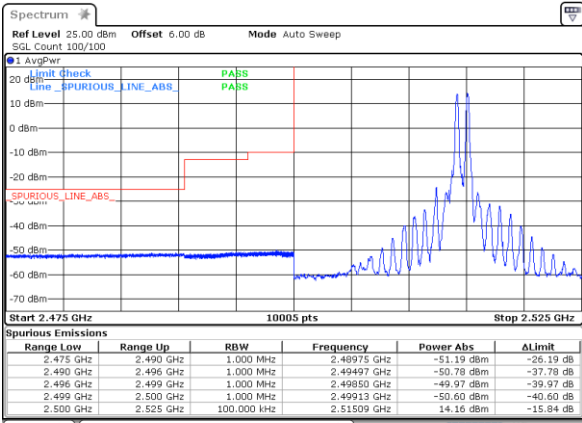


Date: 19\_MAR\_2022 18:15:05

Date: 19\_MAR\_2022 18:17:34

Lowest Band Edge / 1RB74 and 1RB0

Highest Band Edge / 1RB74 and 1RB0

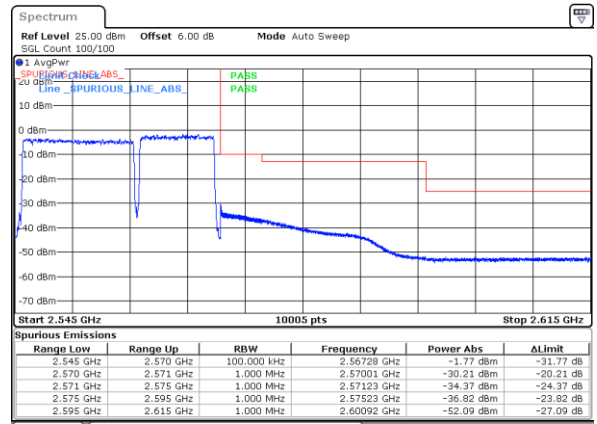
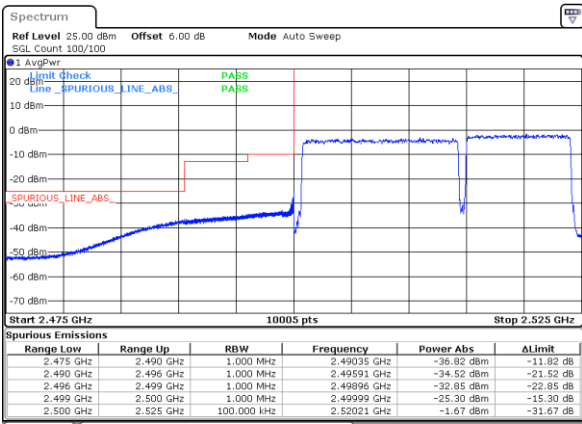


Date: 19\_MAR\_2022 18:14:24

Date: 19\_MAR\_2022 18:18:02

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 19\_MAR\_2022 18:15:34

Date: 19\_MAR\_2022 18:16:50

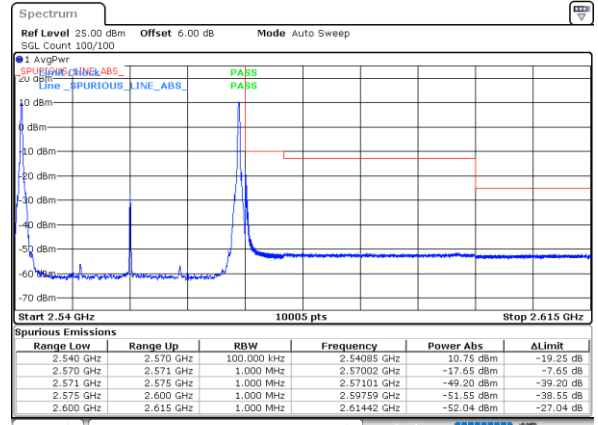
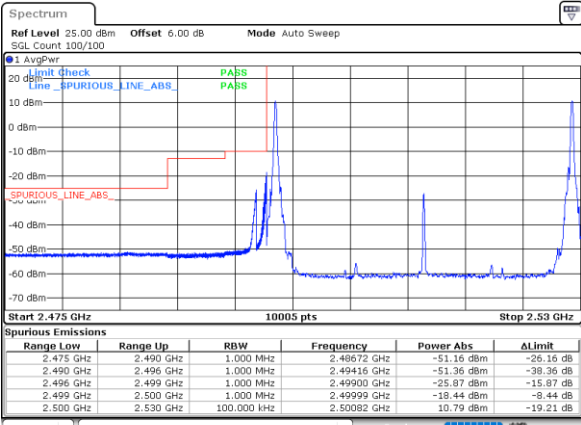


LTE LTE Band 7C / 15MHz+15MHz

256QAM

Lowest Band Edge / 1RB0 and 1RB74

Highest Band Edge / 1RB0 and 1RB74

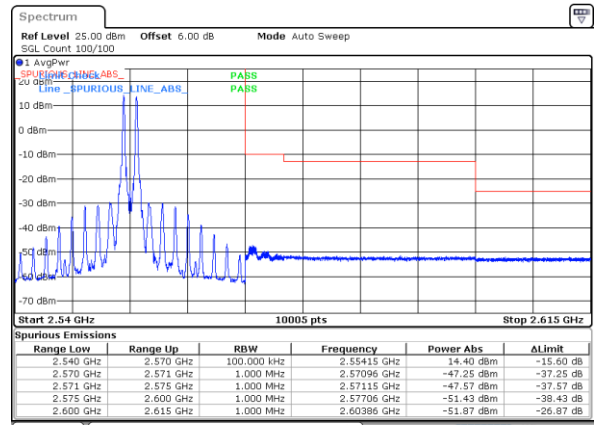
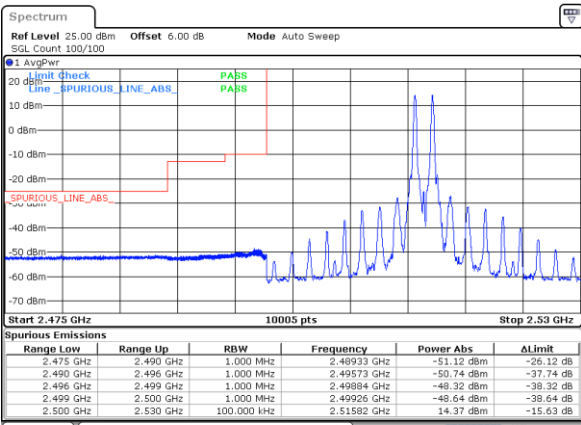


Date: 19.MAR.2022 18:20:06

Date: 19.MAR.2022 18:27:18

Lowest Band Edge / 1RB74 and 1RB0

Highest Band Edge / 1RB74 and 1RB0

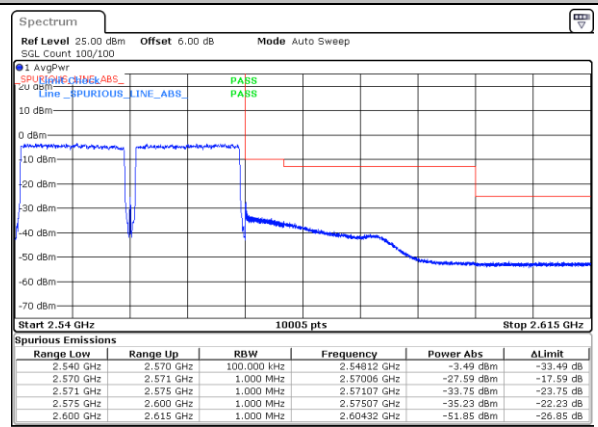
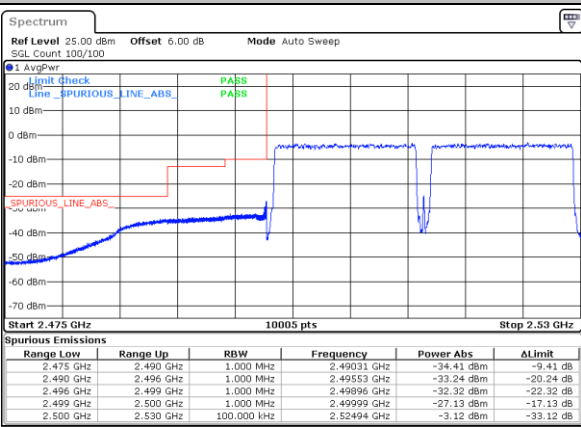


Date: 19.MAR.2022 18:20:33

Date: 19.MAR.2022 18:26:51

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 19.MAR.2022 18:19:36

Date: 19.MAR.2022 18:27:49

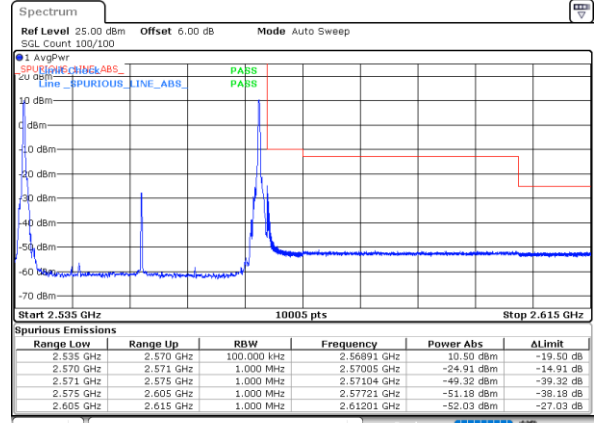
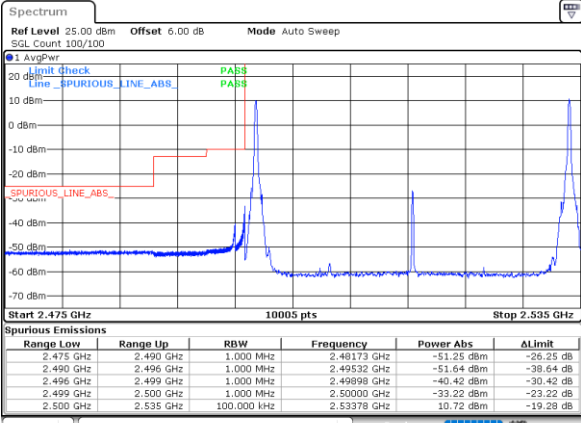


LTE LTE Band 7C / 15MHz+20MHz

256QAM

Lowest Band Edge / 1RB0 and 1RB9

Highest Band Edge / 1RB0 and 1RB9

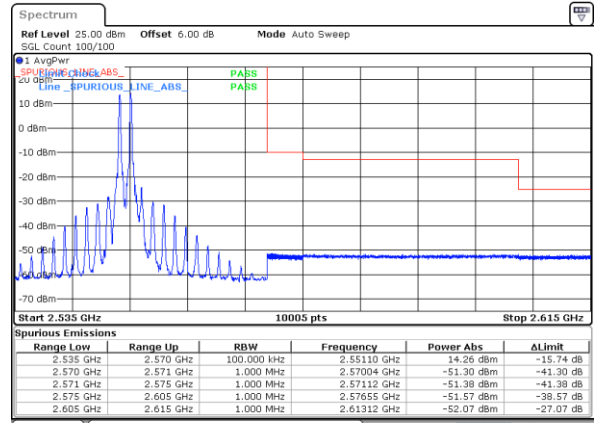
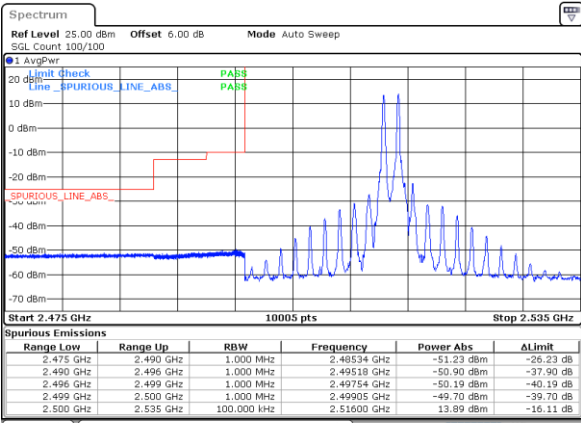


Date: 19\_MAR\_2022 18:30:08

Date: 19\_MAR\_2022 18:33:54

Lowest Band Edge / 1RB74 and 1RB0

Highest Band Edge / 1RB74 and 1RB0

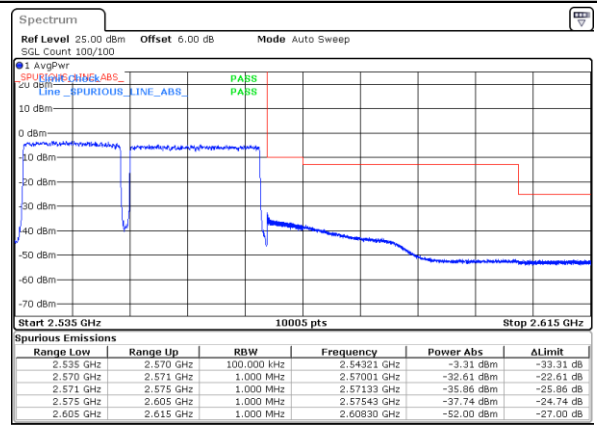
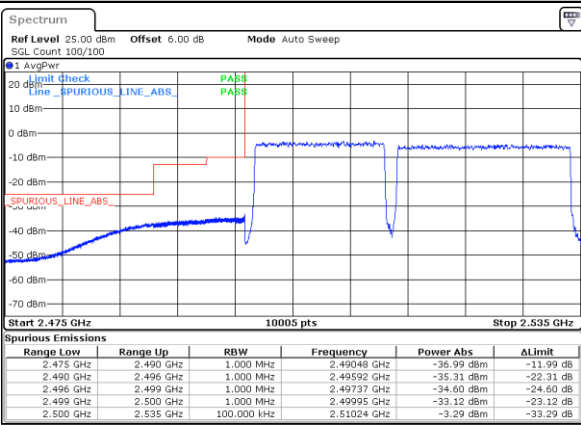


Date: 19\_MAR\_2022 18:30:41

Date: 19\_MAR\_2022 18:33:23

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 19\_MAR\_2022 18:29:35

Date: 19\_MAR\_2022 18:34:23

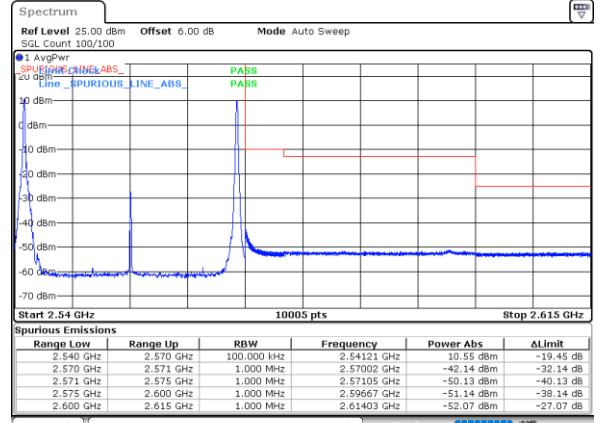
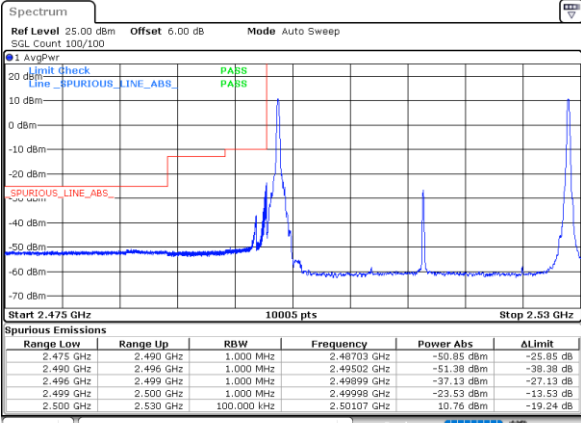


LTE LTE Band 7C / 20MHz+10MHz

256QAM

Lowest Band Edge / 1RB0 and 1RB49

Highest Band Edge / 1RB0 and 1RB49

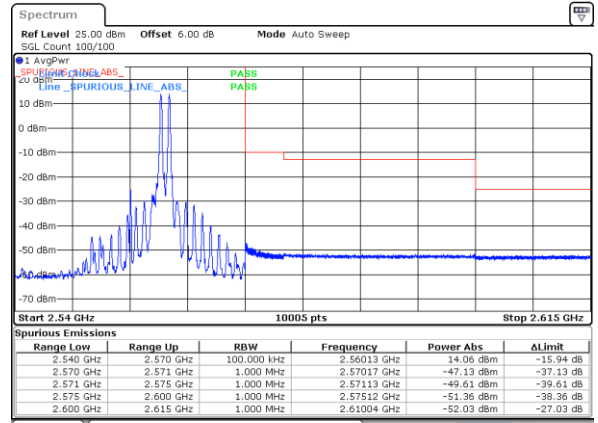
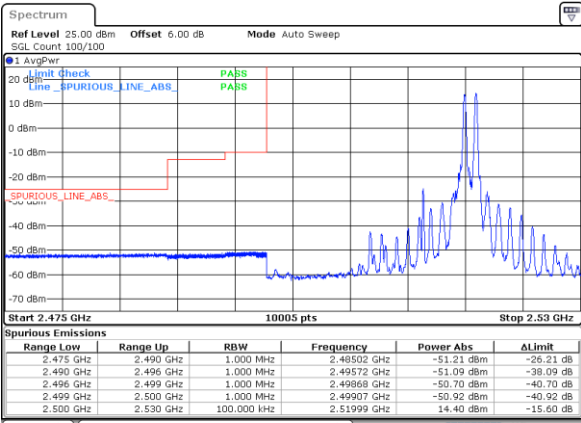


Date: 19\_MAR\_2022 18:37:43

Date: 19\_MAR\_2022 18:39:43

Lowest Band Edge / 1RB99 and 1RB0

Highest Band Edge / 1RB99 and 1RB0

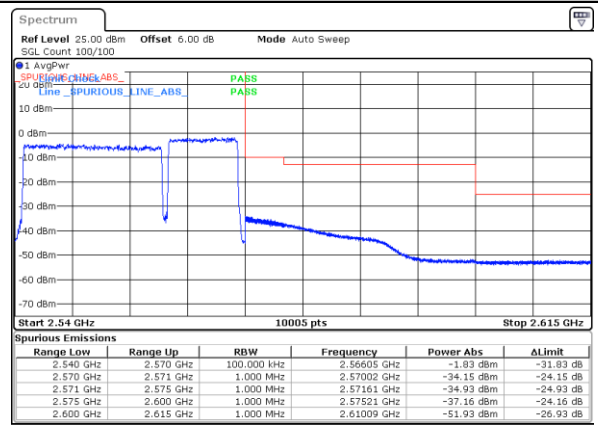
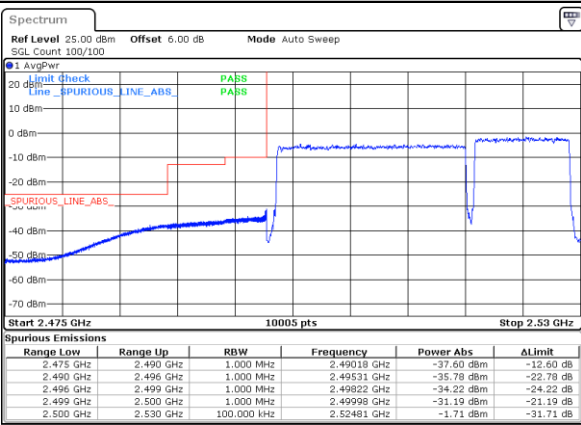


Date: 19\_MAR\_2022 18:38:09

Date: 19\_MAR\_2022 18:39:19

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 19\_MAR\_2022 18:37:17

Date: 19\_MAR\_2022 18:40:18

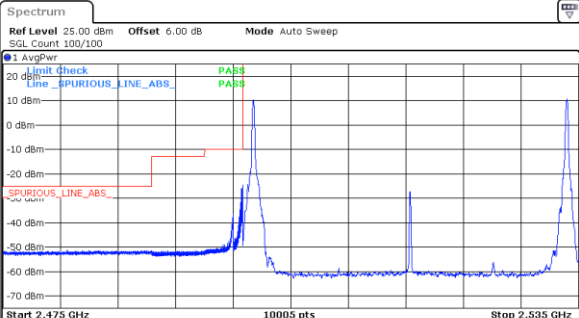


LTE LTE Band 7C / 20MHz+15MHz

256QAM

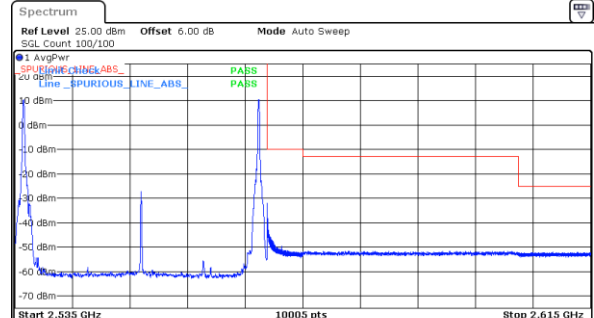
Lowest Band Edge / 1RB0 and 1RB74

Highest Band Edge / 1RB0 and 1RB74



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.48172 GHz	-51.25 dBm	-26.25 dB
2.490 GHz	2.496 GHz	1.000 MHz	2.49504 GHz	-51.37 dBm	-38.37 dB
2.496 GHz	2.499 GHz	1.000 MHz	2.49899 GHz	-36.46 dBm	-26.46 dB
2.499 GHz	2.500 GHz	1.000 MHz	2.49999 GHz	-24.56 dBm	-14.56 dB
2.500 GHz	2.535 GHz	100.000 kHz	2.53378 GHz	10.77 dBm	-19.23 dB

Date: 19\_MAR\_2022 18:43:20

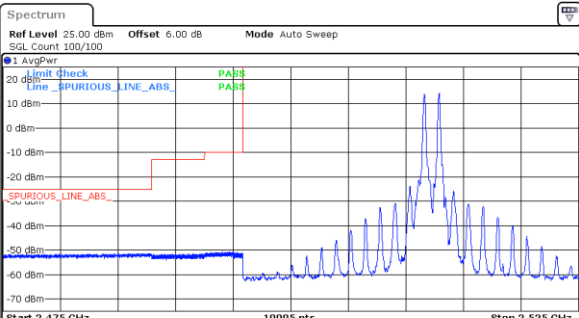


Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.535 GHz	2.570 GHz	100.000 kHz	2.56887 GHz	10.40 dBm	-19.60 dB
2.570 GHz	2.571 GHz	1.000 MHz	2.57000 GHz	-32.13 dBm	-22.13 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57108 GHz	-48.92 dBm	-38.92 dB
2.575 GHz	2.605 GHz	1.000 MHz	2.59891 GHz	-51.57 dBm	-38.57 dB
2.605 GHz	2.615 GHz	1.000 MHz	2.61314 GHz	-52.03 dBm	-27.03 dB

Date: 19\_MAR\_2022 18:45:22

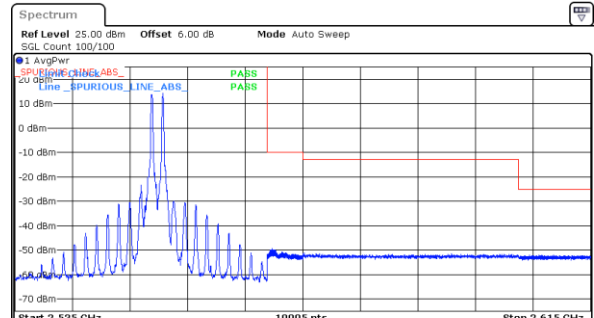
Lowest Band Edge / 1RB99 and 1RB0

Highest Band Edge / 1RB99 and 1RB0



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.48848 GHz	-51.31 dBm	-26.31 dB
2.490 GHz	2.496 GHz	1.000 MHz	2.49577 GHz	-51.48 dBm	-38.48 dB
2.496 GHz	2.499 GHz	1.000 MHz	2.49782 GHz	-50.61 dBm	-40.61 dB
2.499 GHz	2.500 GHz	1.000 MHz	2.49940 GHz	-50.92 dBm	-40.92 dB
2.500 GHz	2.535 GHz	100.000 kHz	2.52046 GHz	14.18 dBm	-15.82 dB

Date: 19\_MAR\_2022 18:43:45

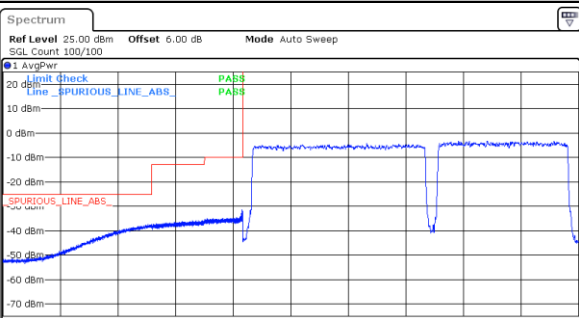


Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.535 GHz	2.570 GHz	100.000 kHz	2.55554 GHz	14.40 dBm	-15.60 dB
2.570 GHz	2.571 GHz	1.000 MHz	2.57076 GHz	-49.36 dBm	-39.36 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57110 GHz	-49.83 dBm	-39.83 dB
2.575 GHz	2.605 GHz	1.000 MHz	2.57516 GHz	-51.18 dBm	-38.18 dB
2.605 GHz	2.615 GHz	1.000 MHz	2.60652 GHz	-51.97 dBm	-26.97 dB

Date: 19\_MAR\_2022 18:45:52

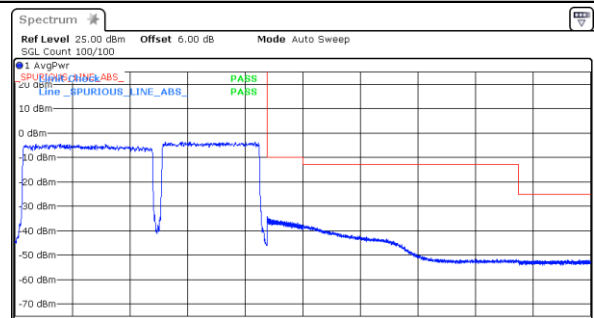
Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.49009 GHz	-37.49 dBm	-12.49 dB
2.490 GHz	2.496 GHz	1.000 MHz	2.49572 GHz	-35.92 dBm	-22.92 dB
2.496 GHz	2.499 GHz	1.000 MHz	2.49870 GHz	-34.96 dBm	-24.96 dB
2.499 GHz	2.500 GHz	1.000 MHz	2.49995 GHz	-31.40 dBm	-21.40 dB
2.500 GHz	2.535 GHz	100.000 kHz	2.52549 GHz	-3.24 dBm	-33.24 dB

Date: 19\_MAR\_2022 18:42:59



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.535 GHz	2.570 GHz	100.000 kHz	2.56835 GHz	-3.65 dBm	-33.65 dB
2.570 GHz	2.571 GHz	1.000 MHz	2.57002 GHz	-34.11 dBm	-24.11 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57136 GHz	-35.79 dBm	-25.79 dB
2.575 GHz	2.605 GHz	1.000 MHz	2.57510 GHz	-37.61 dBm	-24.61 dB
2.605 GHz	2.615 GHz	1.000 MHz	2.61186 GHz	-51.94 dBm	-26.94 dB

Date: 19\_MAR\_2022 18:46:31



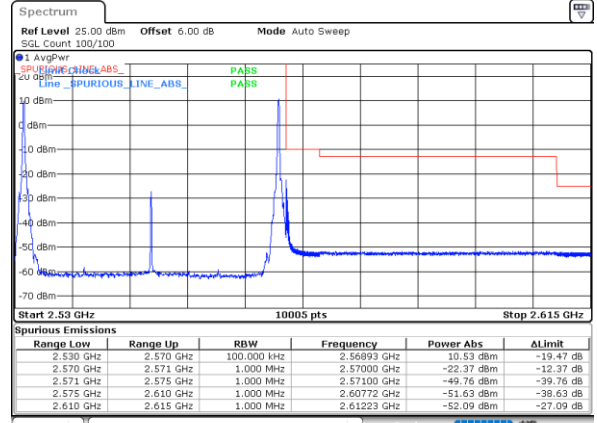
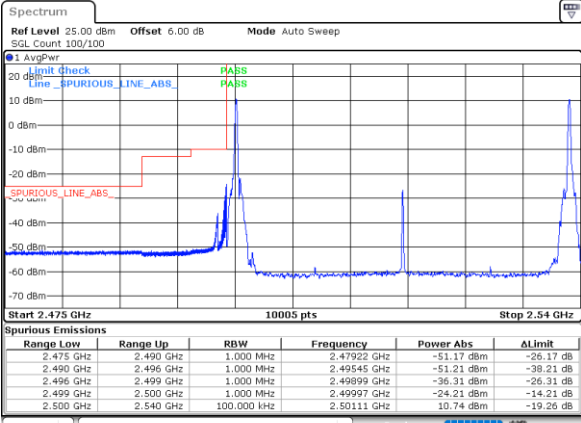


LTE LTE Band 7C / 20MHz+20MHz

256QAM

Lowest Band Edge / 1RB0 and 1RB9

Highest Band Edge / 1RB0 and 1RB9

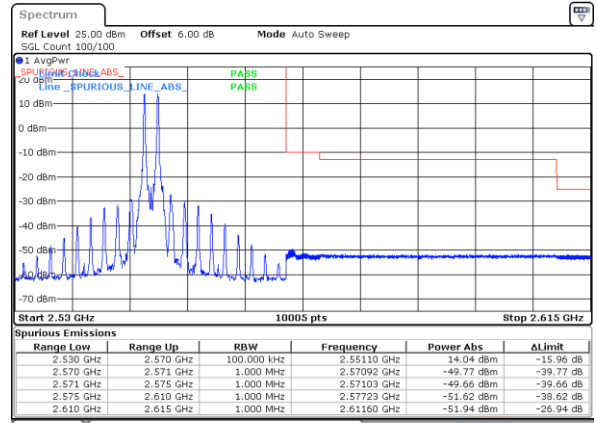
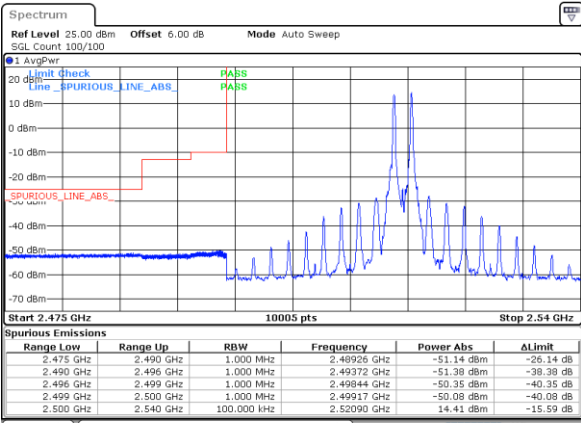


Date: 19.MAR.2022 18:48:17

Date: 19.MAR.2022 18:51:24

Lowest Band Edge / 1RB99 and 1RB0

Highest Band Edge / 1RB99 and 1RB0

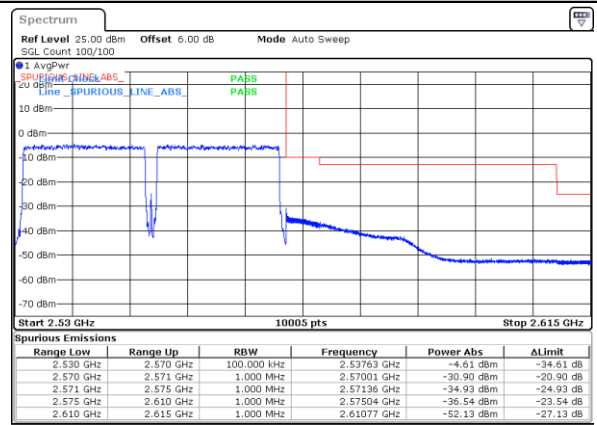
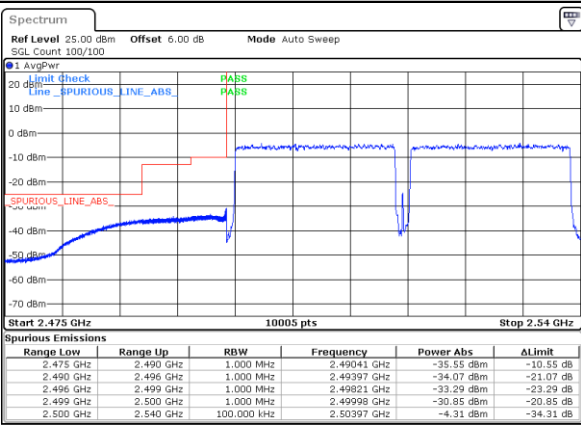


Date: 19.MAR.2022 18:48:45

Date: 19.MAR.2022 18:50:55

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 19.MAR.2022 18:47:51

Date: 19.MAR.2022 18:52:02

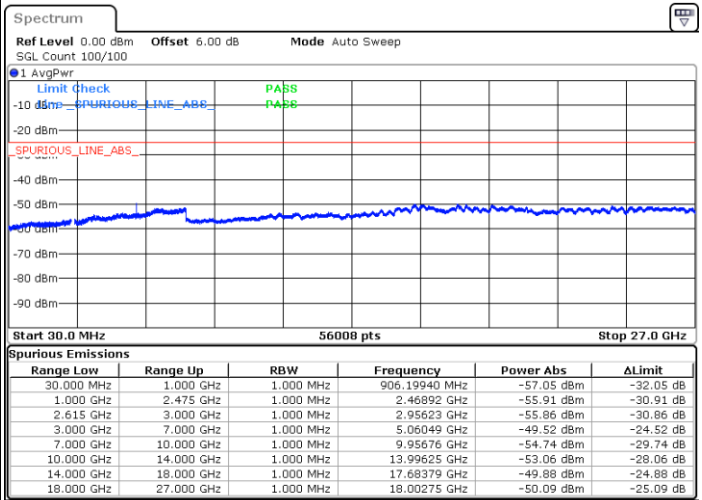
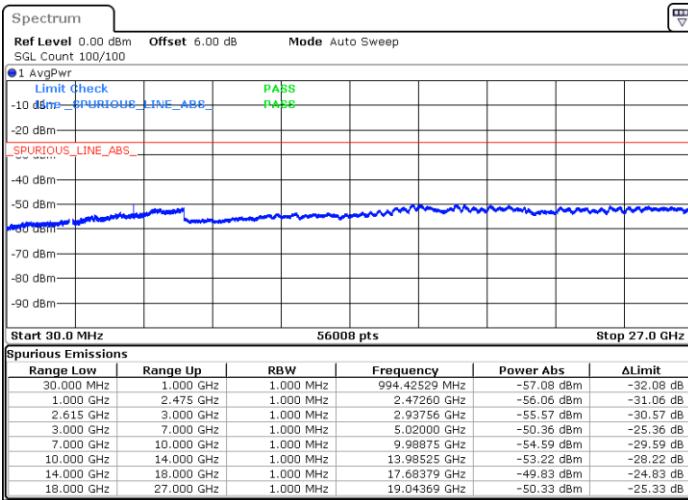


# Conducted Spurious Emission

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

### Lowest Channel / QPSK

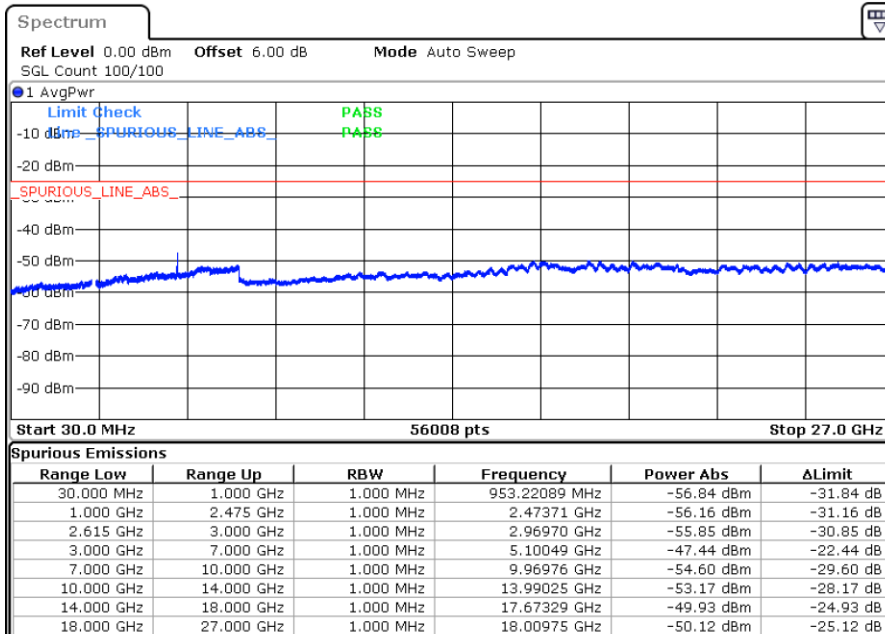
### Middle Channel / QPSK



Date: 30.JAN.2022 23:58:56

Date: 31.JAN.2022 00:12:15

### Highest Channel / QPSK



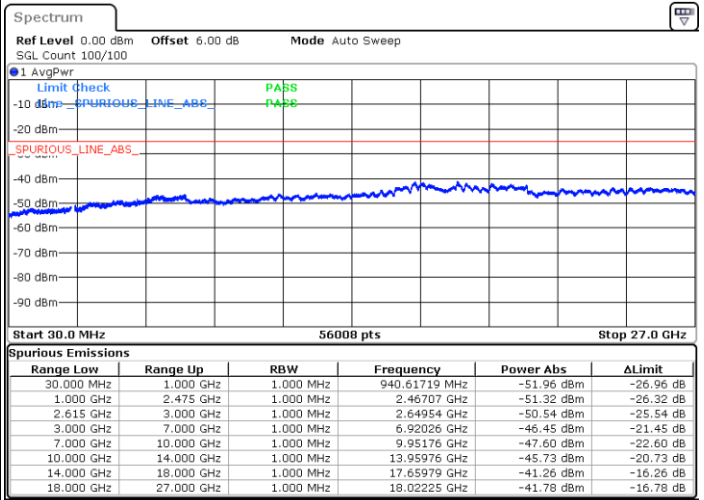
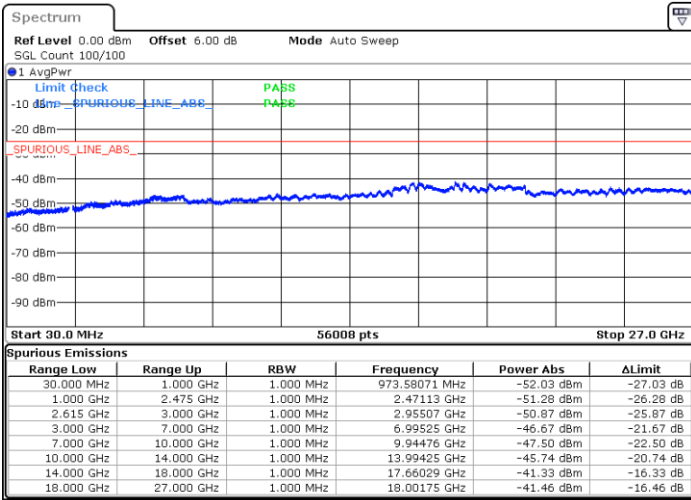
Date: 31.JAN.2022 00:13:50



LTE LTE Band 7C / 15MHz+10MHz

Lowest Channel / QPSK

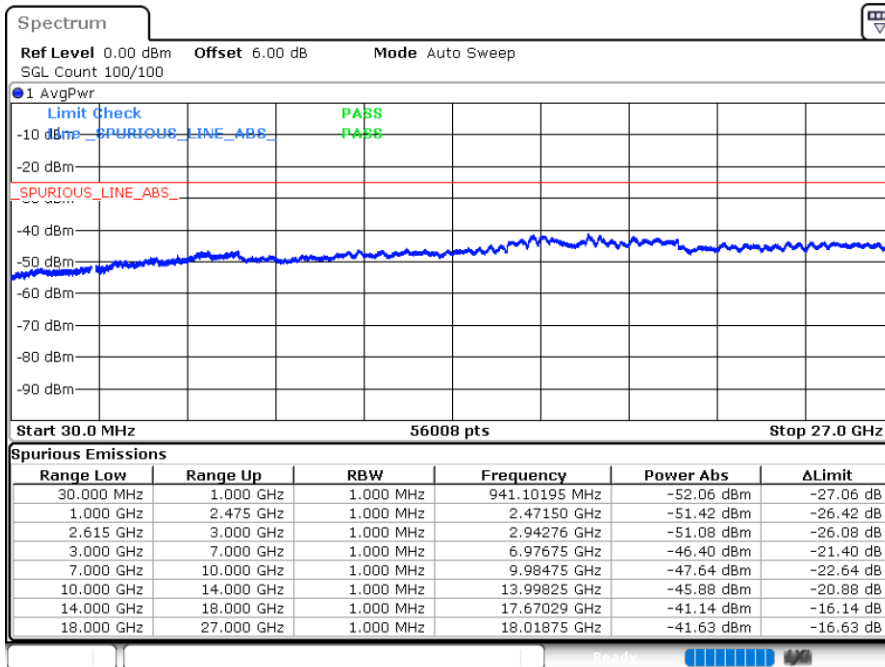
Middle Channel / QPSK



Date: 31.JAN.2022 00:26:01

Date: 31.JAN.2022 00:39:23

Highest Channel / QPSK



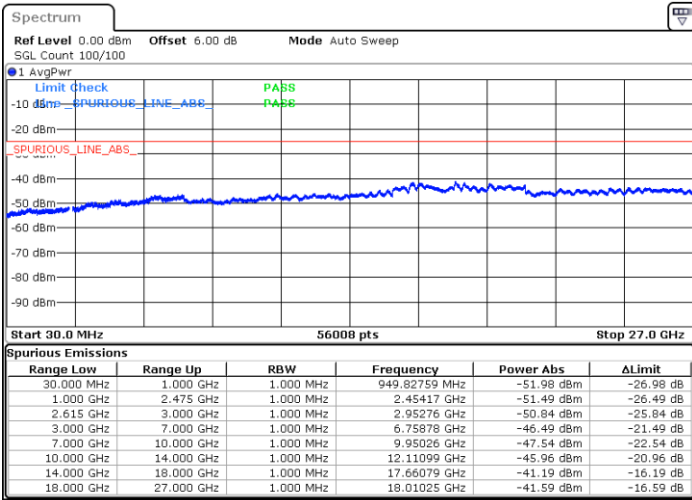
Date: 31.JAN.2022 00:40:59



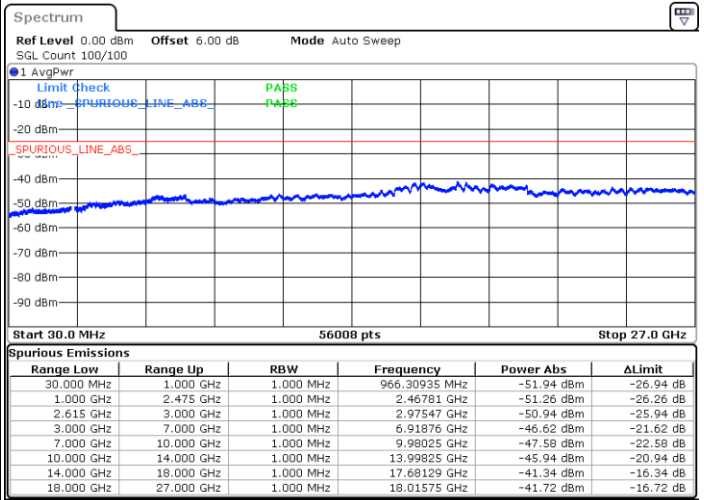
LTE LTE Band 7C / 15MHz+15MHz

Lowest Channel / QPSK

Middle Channel / QPSK

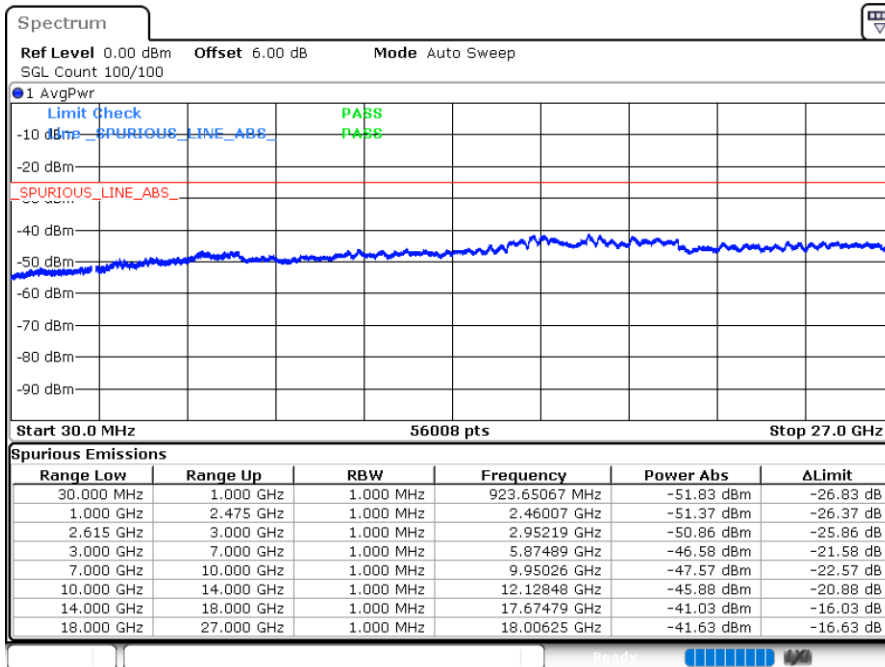


Date: 31.JAN.2022 00:53:11



Date: 31.JAN.2022 01:05:26

Highest Channel / QPSK



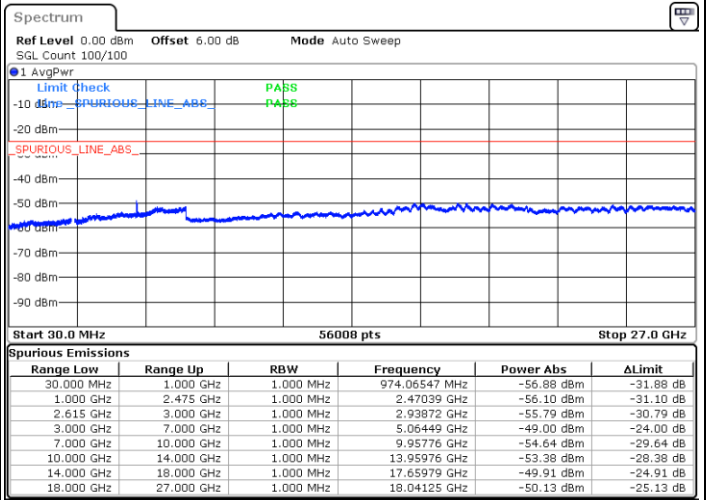
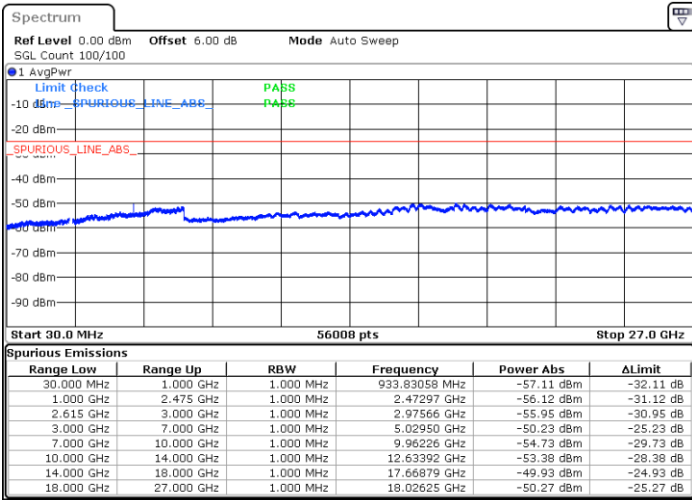
Date: 31.JAN.2022 01:07:02



LTE LTE Band 7C / 15MHz+20MHz

Lowest Channel / QPSK

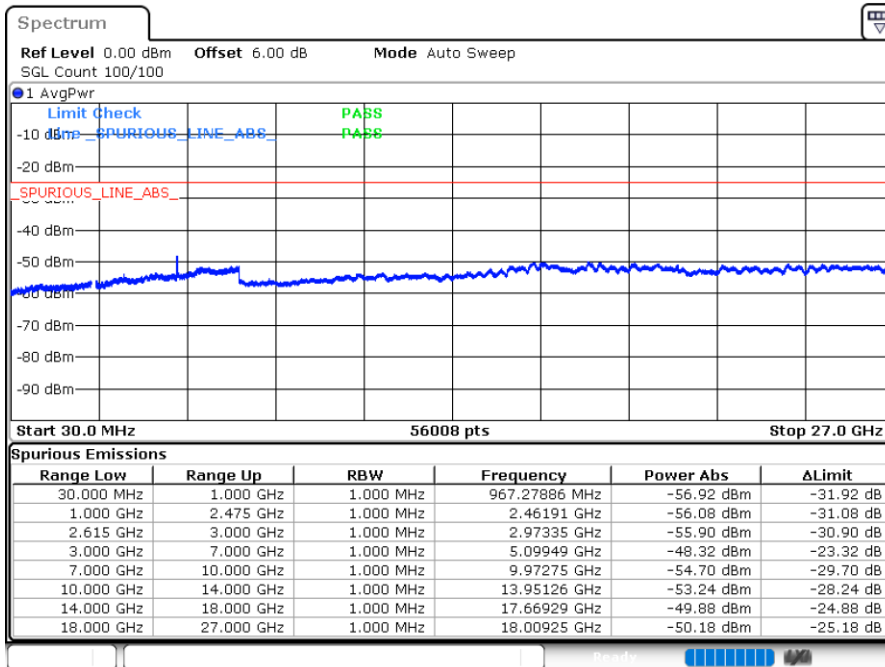
Middle Channel / QPSK



Date: 31.JAN.2022 01:22:22

Date: 31.JAN.2022 01:38:03

Highest Channel / QPSK



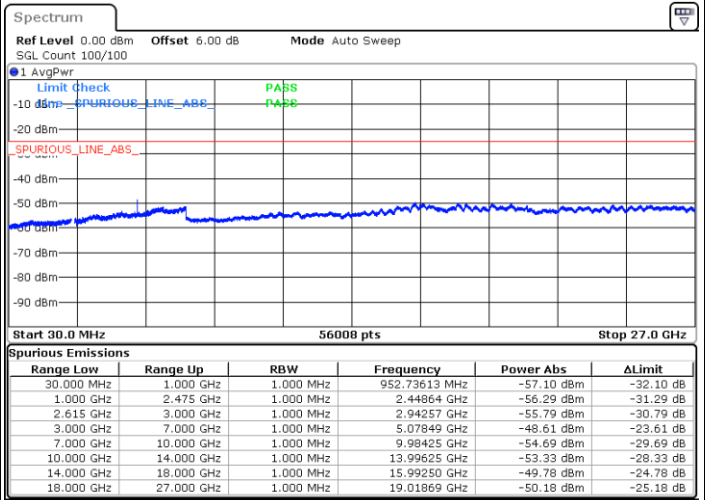
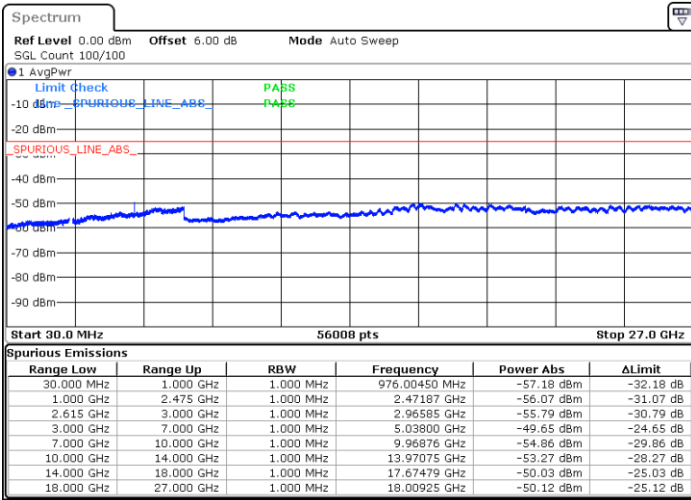
Date: 31.JAN.2022 01:39:41



LTE LTE Band 7C / 20MHz+10MHz

Lowest Channel / QPSK

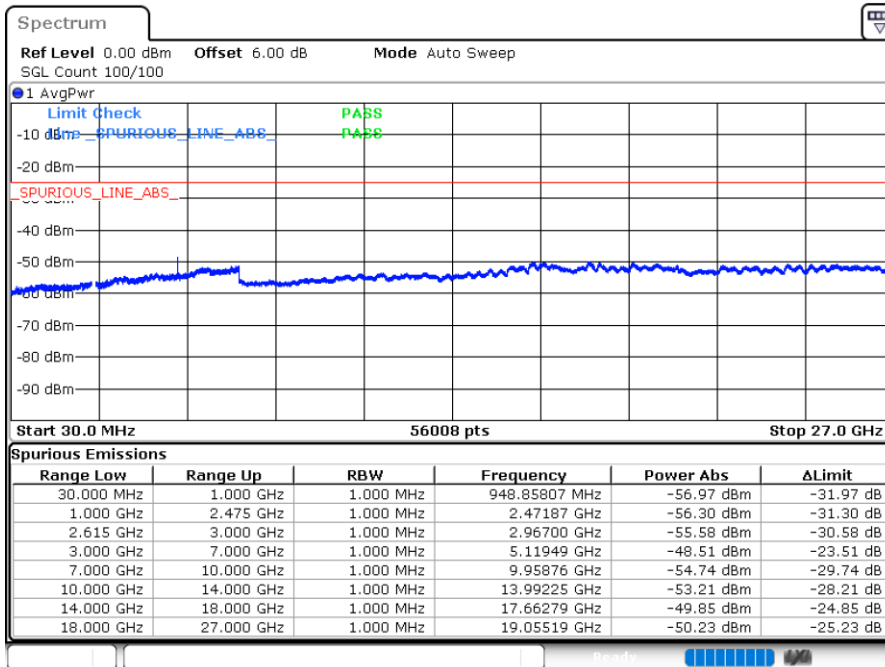
Middle Channel / QPSK



Date: 31.JAN.2022 01:53:22

Date: 31.JAN.2022 02:07:07

Highest Channel / QPSK



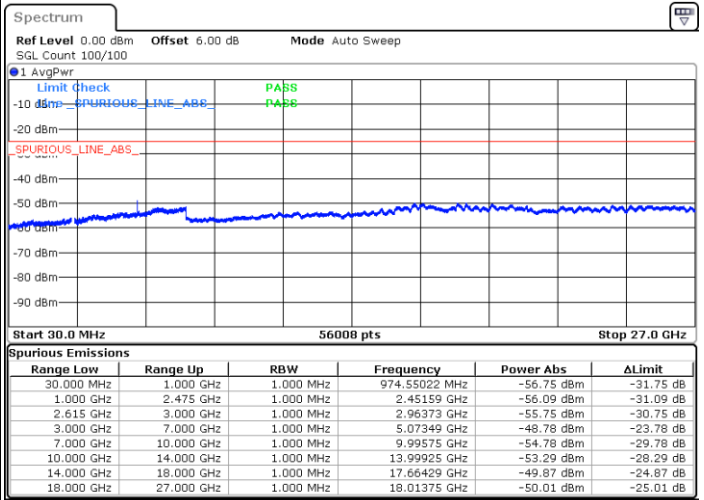
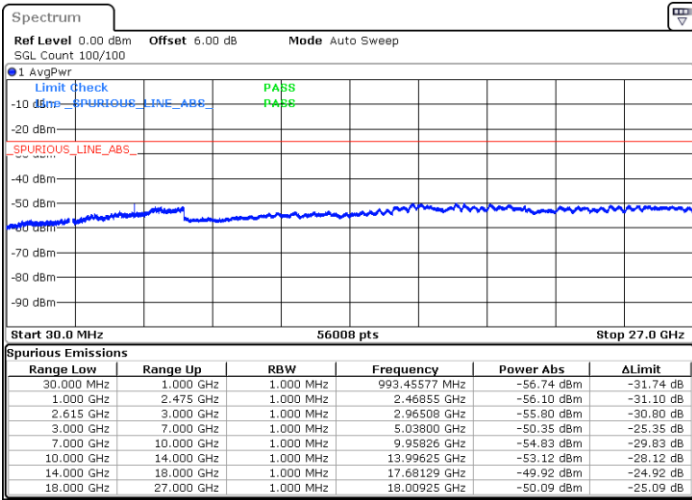
Date: 31.JAN.2022 02:08:43



LTE LTE Band 7C / 20MHz+15MHz

Lowest Channel / QPSK

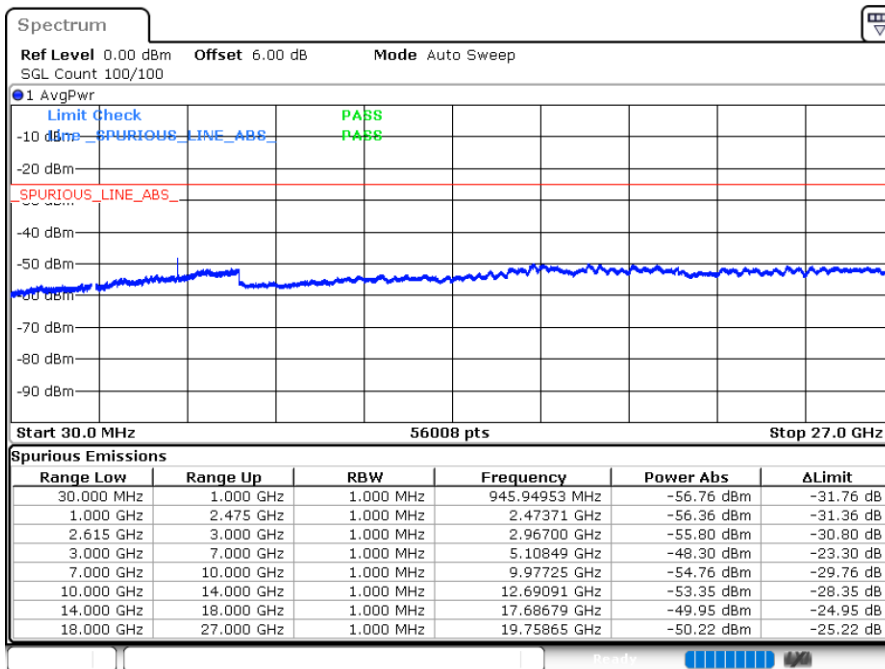
Middle Channel / QPSK



Date: 31.JAN.2022 02:22:25

Date: 31.JAN.2022 02:36:02

Highest Channel / QPSK

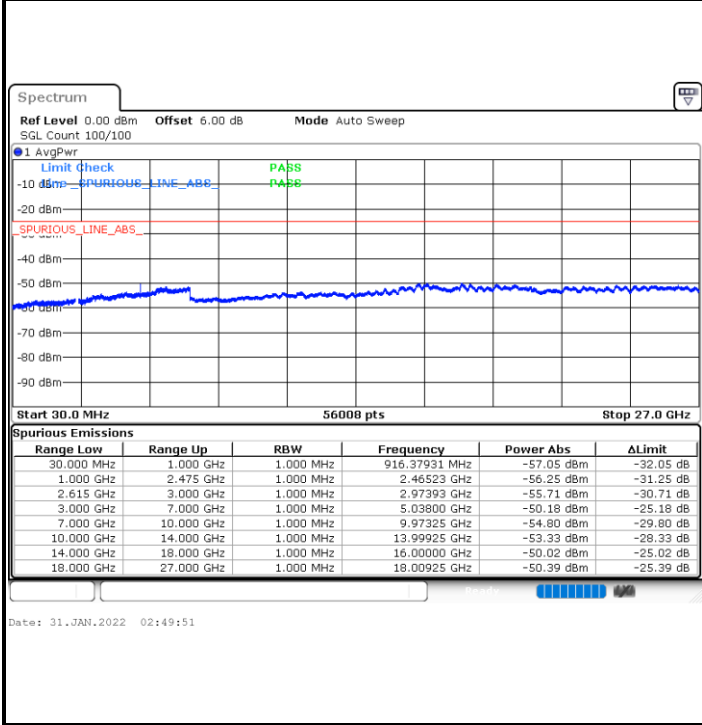


Date: 31.JAN.2022 02:37:39

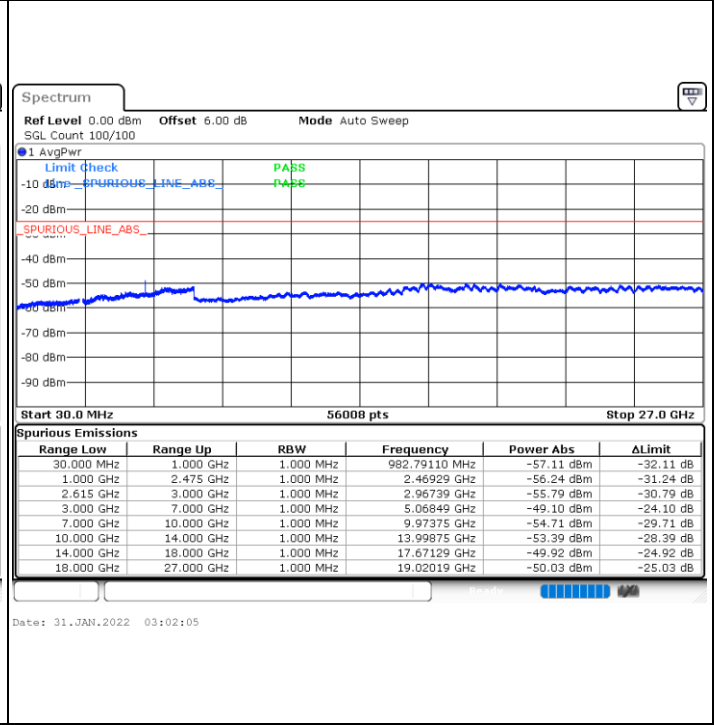


**LTE LTE Band 7C /20MHz+20MHz**

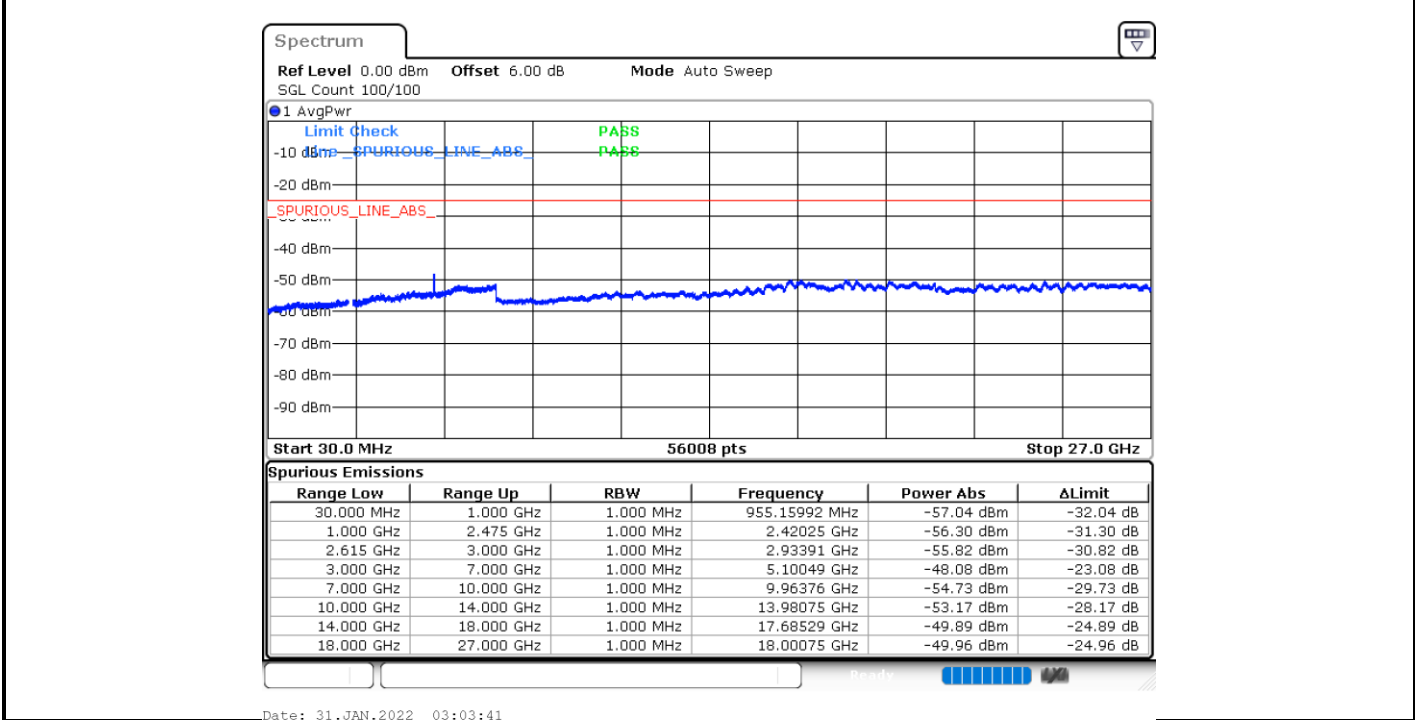
**Lowest Channel / QPSK**



**Middle Channel / QPSK**



**Highest Channel / QPSK**







Frequency Stability

Test Conditions		LTE LTE Band 7C (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 20+20MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0012	PASS
40	Normal Voltage	0.0018	
30	Normal Voltage	0.0016	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0021	
0	Normal Voltage	0.0006	
-10	Normal Voltage	0.0015	
-20	Normal Voltage	0.0022	
-30	Normal Voltage	0.0014	
20	Maximum Voltage	0.0009	
20	Normal Voltage	0.0026	
20	Battery End Point	0.0013	

Note:

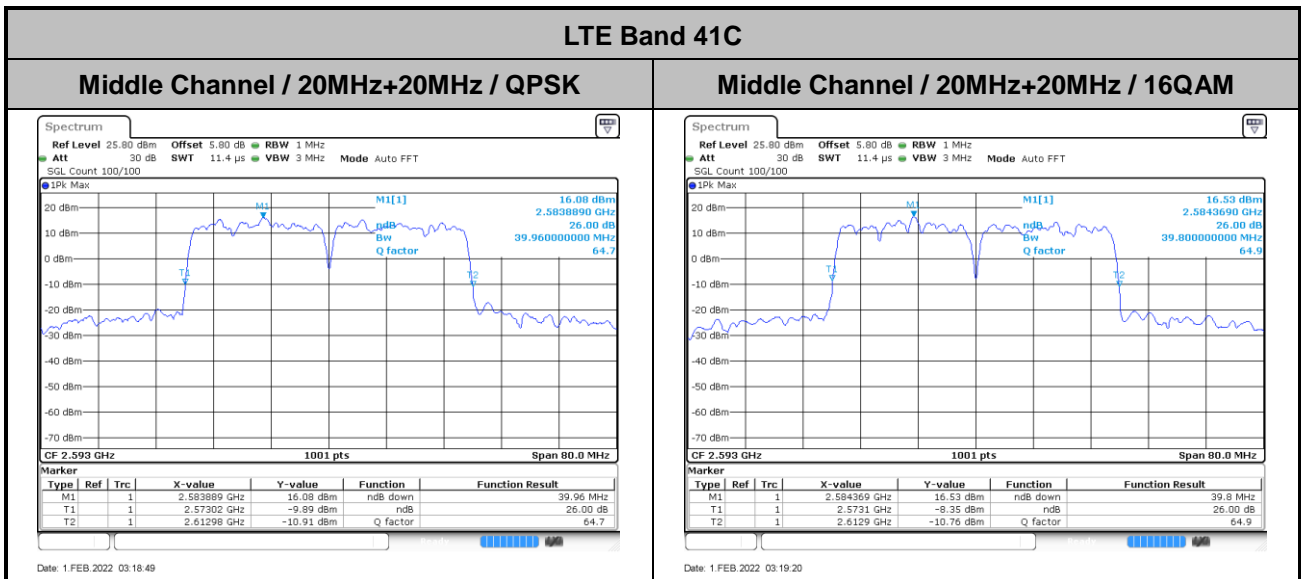
1. Normal Voltage =3.87 V ; Battery End Point (BEP) =3.5 V. ; Maximum Voltage =4.45 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



# LTE Band 41C

## 26dB Bandwidth

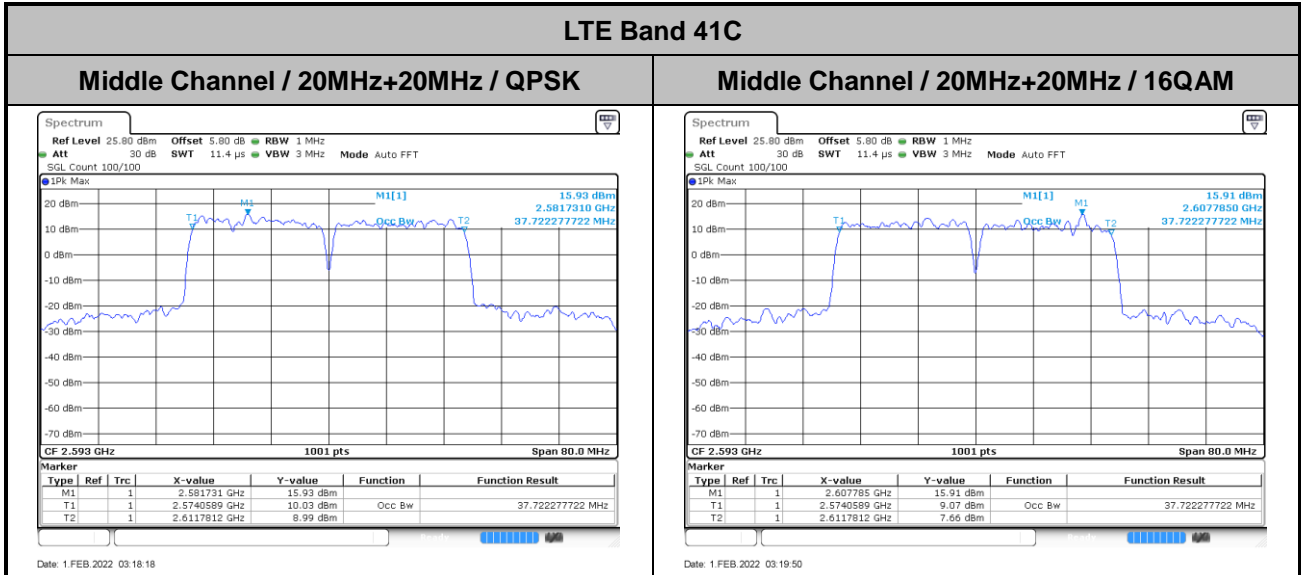
Mode	LTE Band 41-CA : 26dB BW(MHz)	
BW	20MHz+20MHz	
Mod.	QPSK	16QAM
Middle CH	39.96	39.8





# Occupied Bandwidth

Mode	LTE Band 41-CA : 99%OBW(MHz)	
BW	20MHz+20MHz	
Mod.	QPSK	16QAM
Middle CH	37.72	37.72



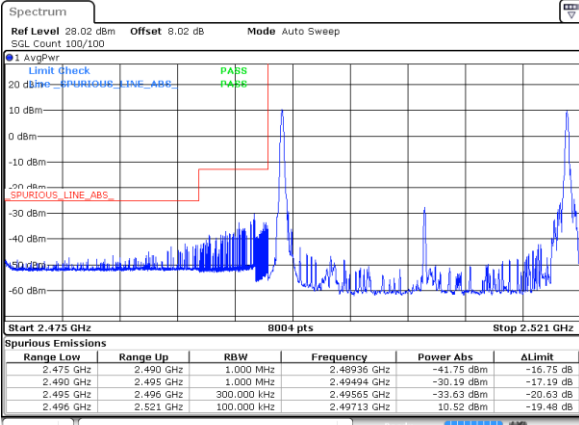


# Conducted Band Edge

## LTE Band 41C / 5MHz+20MHz

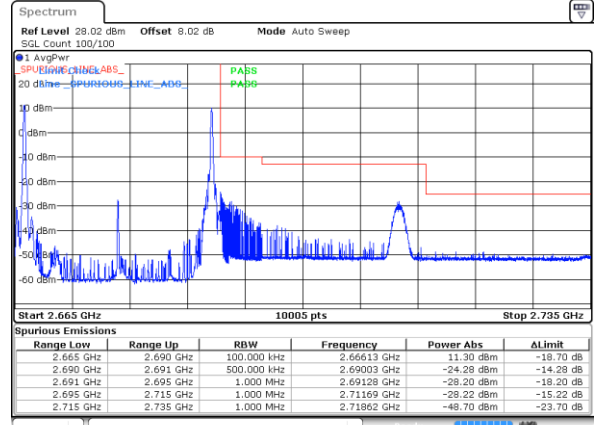
### QPSK

#### Lowest Band Edge / 1RB0 and 1RB9



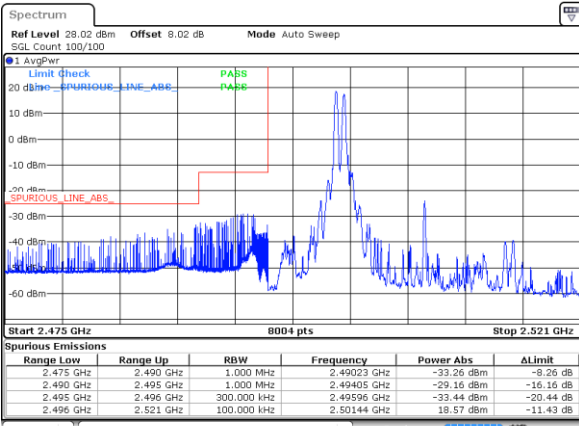
Date: 1 FEB 2022 00:22:19

#### Highest Band Edge / 1RB0 and 1RB9



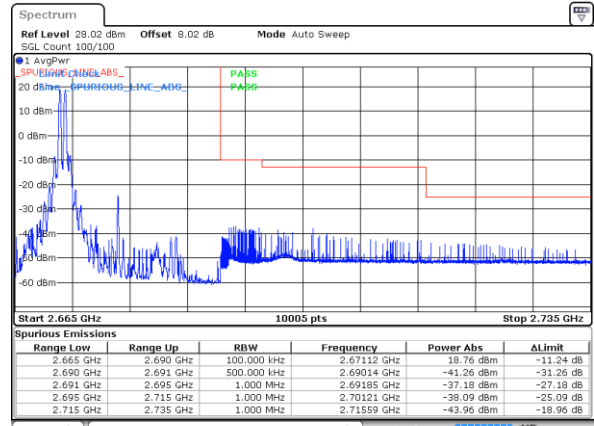
Date: 1 FEB 2022 00:32:00

#### Lowest Band Edge / 1RB24 and 1RB0



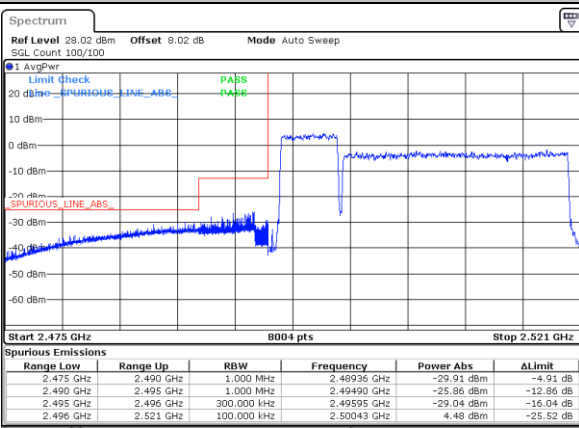
Date: 1 FEB 2022 00:18:26

#### Highest Band Edge / 1RB24 and 1RB0



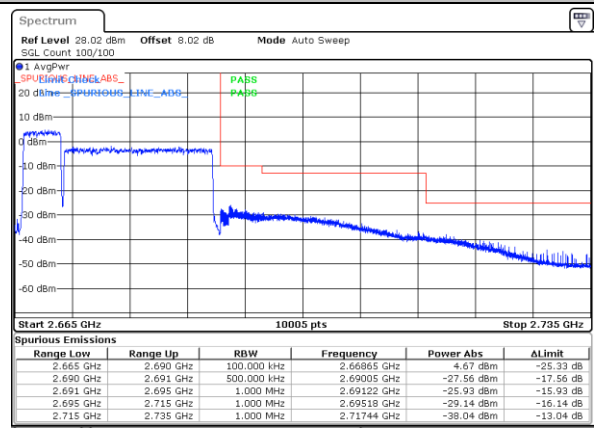
Date: 1 FEB 2022 00:28:06

#### Lowest Band Edge / Full RB



Date: 1 FEB 2022 00:23:04

#### Highest Band Edge / Full RB



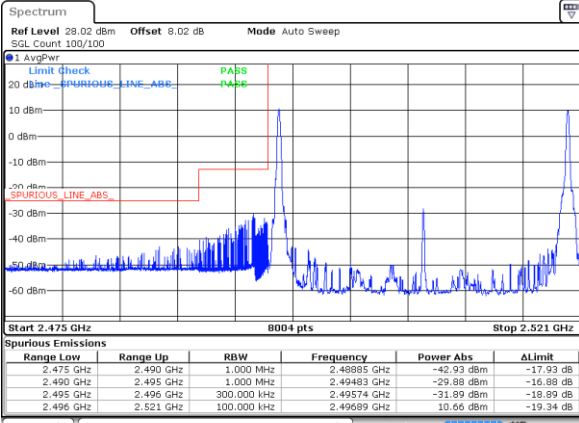
Date: 1 FEB 2022 00:32:47



LTE Band 41C / 10MHz+15MHz

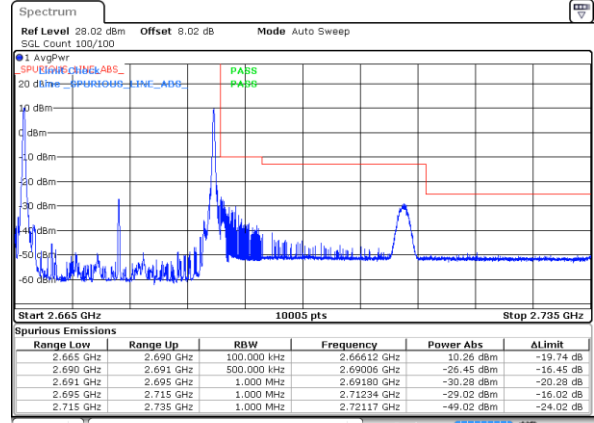
QPSK

Lowest Band Edge / 1RB0 and 1RB74



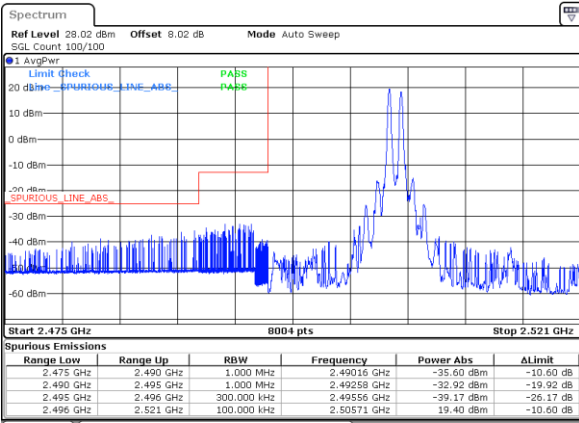
Date: 1 FEB. 2022 00:58:18

Highest Band Edge / 1RB0 and 1RB74



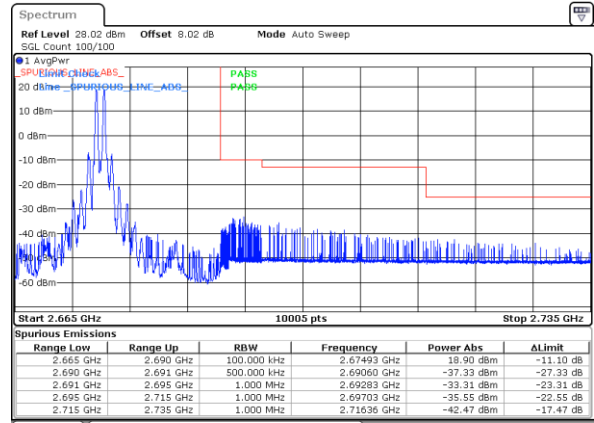
Date: 1 FEB. 2022 01:08:00

Lowest Band Edge / 1RB49 and 1RB0



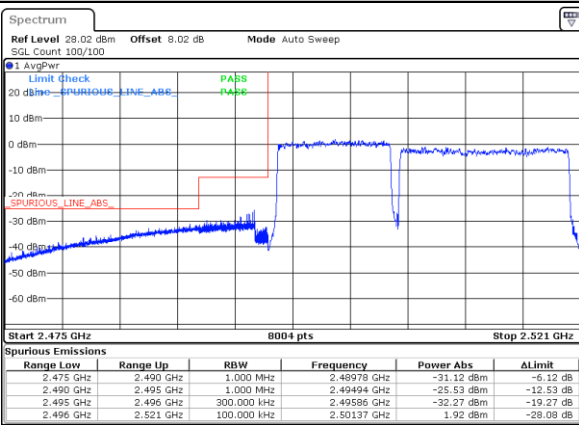
Date: 1 FEB. 2022 00:54:31

Highest Band Edge / 1RB49 and 1RB0



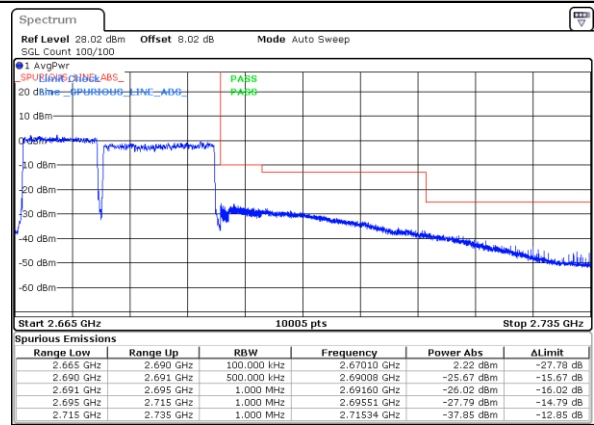
Date: 1 FEB. 2022 01:04:06

Lowest Band Edge / Full RB



Date: 1 FEB. 2022 00:59:04

Highest Band Edge / Full RB



Date: 1 FEB. 2022 01:08:47

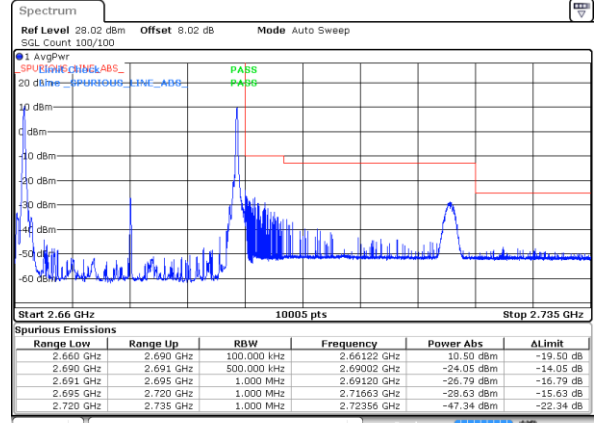
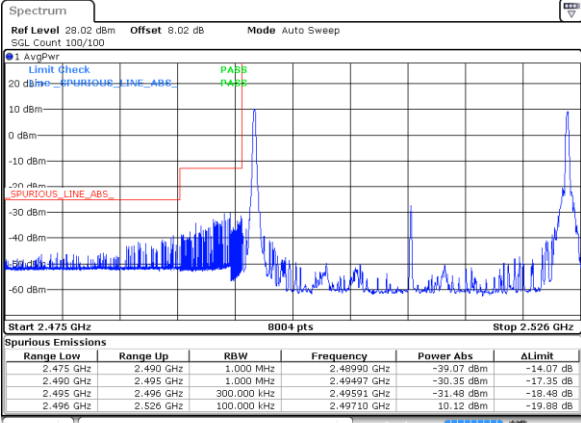


LTE Band 41C / 10MHz+20MHz

QPSK

Lowest Band Edge / 1RB0 and 1RB9

Highest Band Edge / 1RB0 and 1RB9

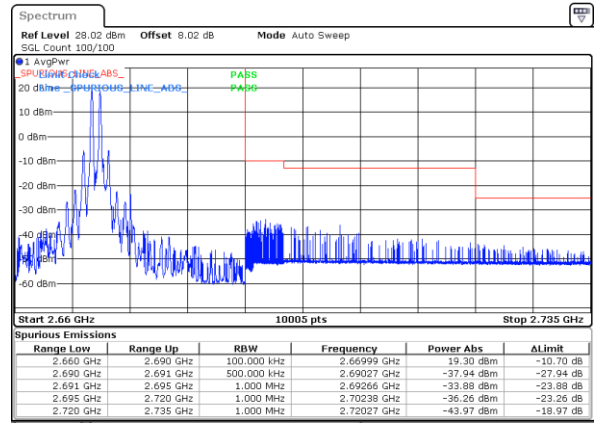
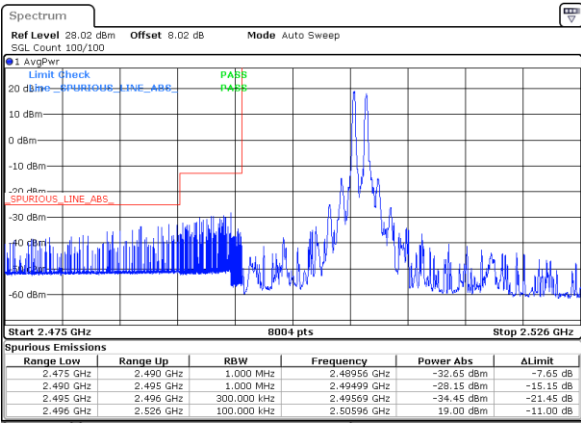


Date: 1 FEB 2022 01:34:39

Date: 1 FEB 2022 01:44:24

Lowest Band Edge / 1RB49 and 1RB0

Highest Band Edge / 1RB49 and 1RB0

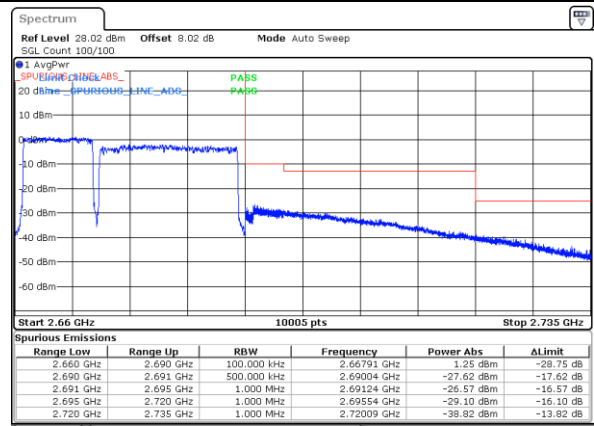
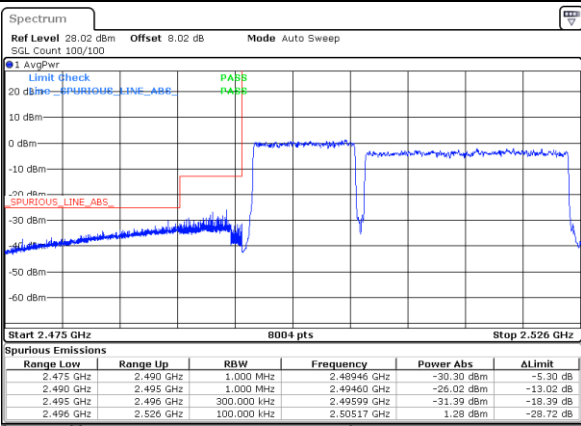


Date: 1 FEB 2022 01:30:35

Date: 1 FEB 2022 01:40:31

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 1 FEB 2022 01:35:26

Date: 1 FEB 2022 01:45:11

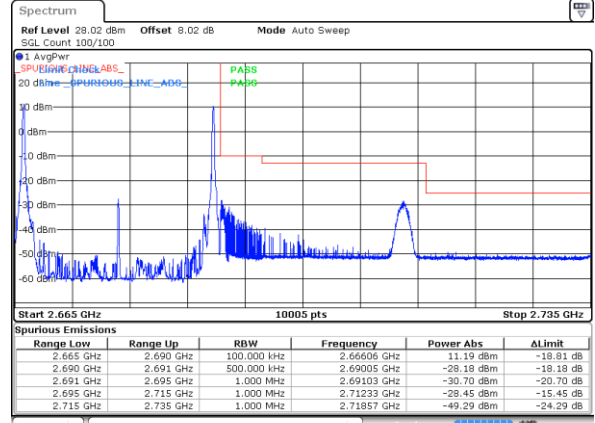
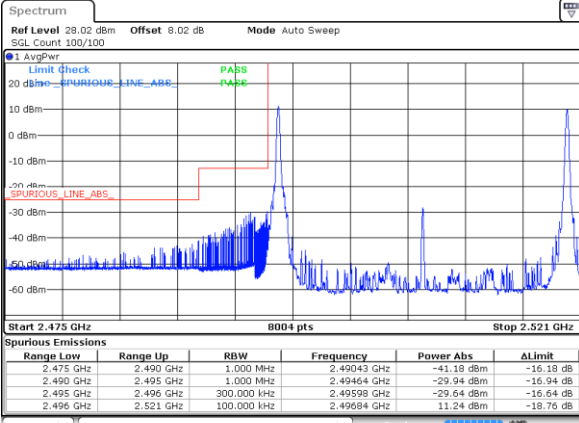


LTE Band 41C / 15MHz+10MHz

QPSK

Lowest Band Edge / 1RB0 and 1RB49

Highest Band Edge / 1RB0 and 1RB49

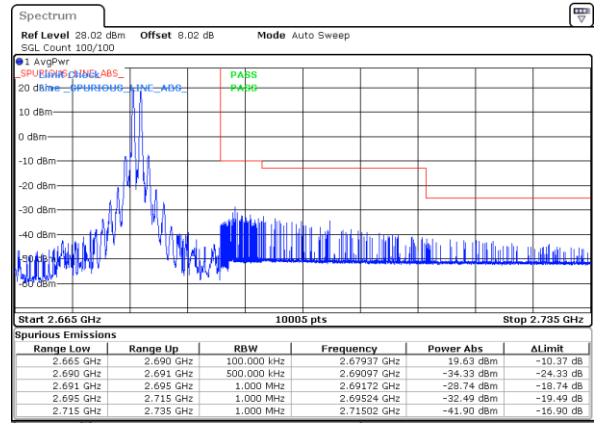
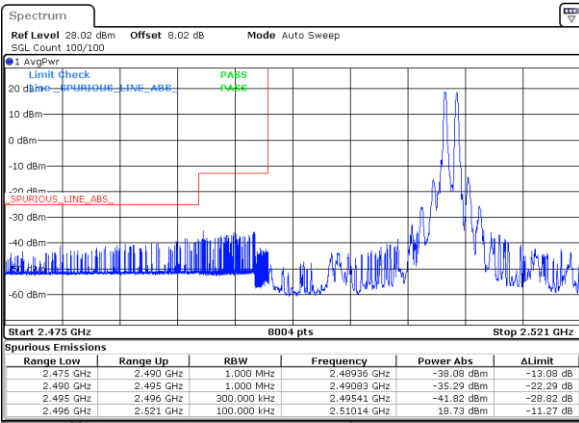


Date: 1 FEB 2022 01:16:18

Date: 1 FEB 2022 01:25:59

Lowest Band Edge / 1RB74 and 1RB0

Highest Band Edge / 1RB74 and 1RB0

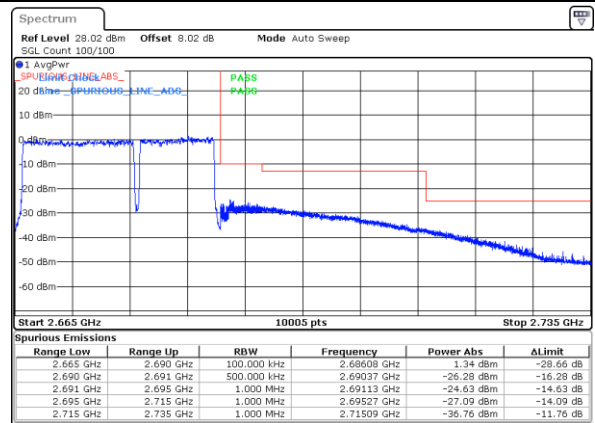
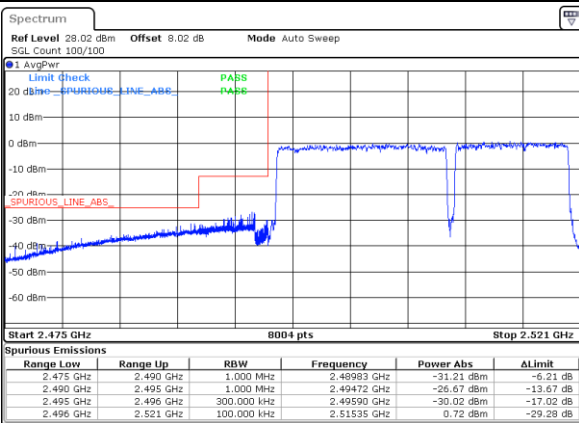


Date: 1 FEB 2022 01:12:29

Date: 1 FEB 2022 01:22:08

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 1 FEB 2022 01:17:03

Date: 1 FEB 2022 01:26:46