

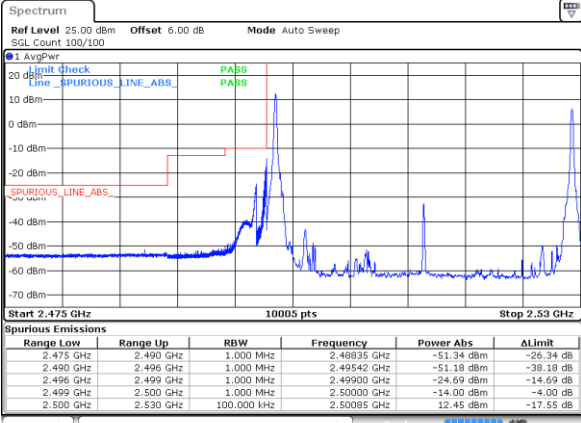


LTE Band 7C / 15MHz+15MHz

16QAM

Lowest Band Edge / 1RB0 and 1RB74

Highest Band Edge / 1RB0 and 1RB74

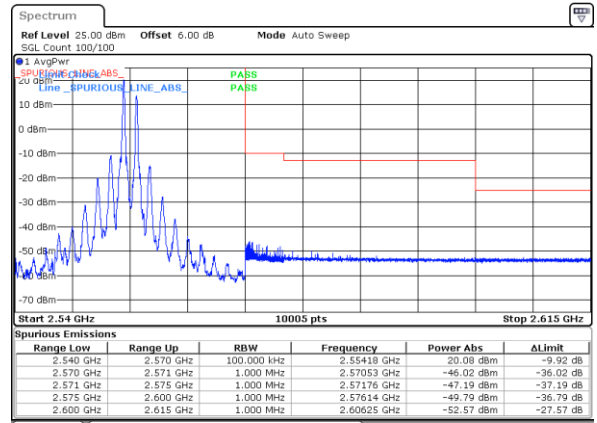
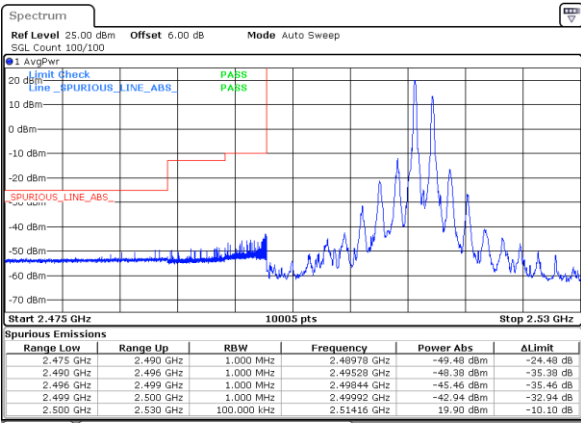


Date: 4 JUN 2022 17:22:28

Date: 4 JUN 2022 17:40:10

Lowest Band Edge / 1RB74 and 1RB0

Highest Band Edge / 1RB74 and 1RB0

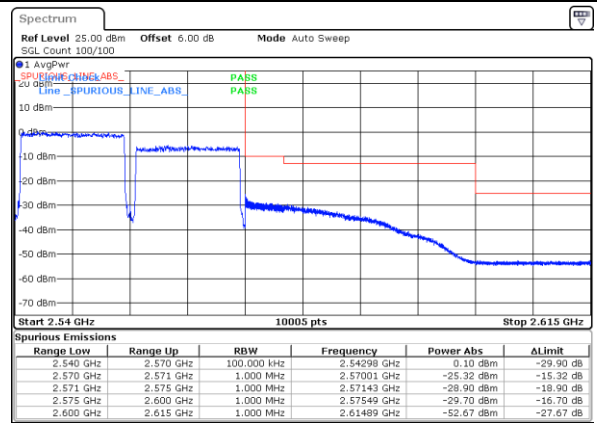
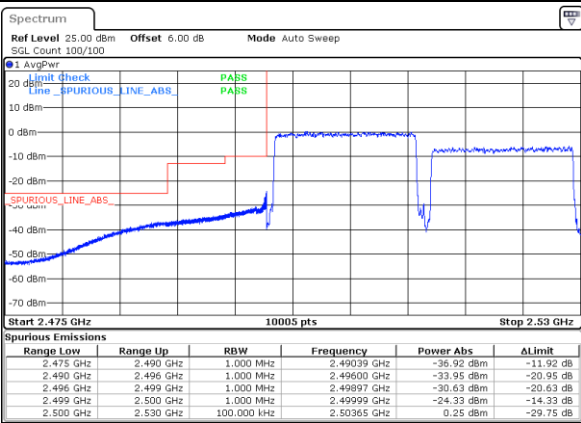


Date: 4 JUN 2022 17:27:21

Date: 4 JUN 2022 17:45:02

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 4 JUN 2022 17:32:16

Date: 4 JUN 2022 17:49:54

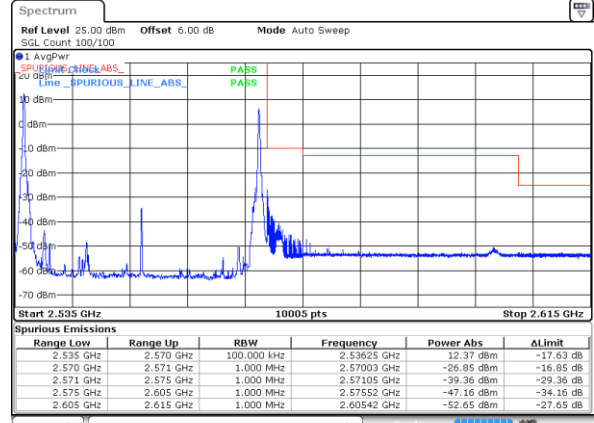
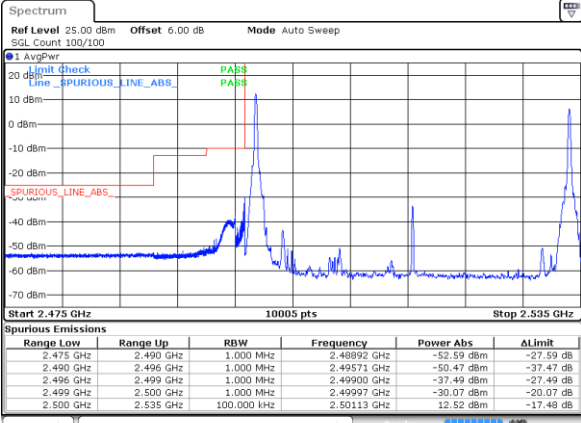


LTE Band 7C / 15MHz+20MHz

16QAM

Lowest Band Edge / 1RB0 and 1RB9

Highest Band Edge / 1RB0 and 1RB9

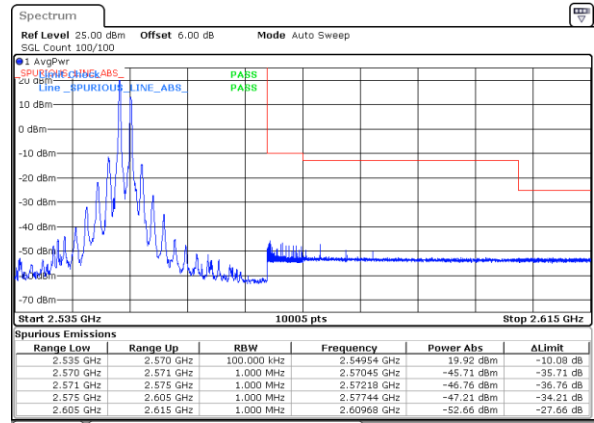
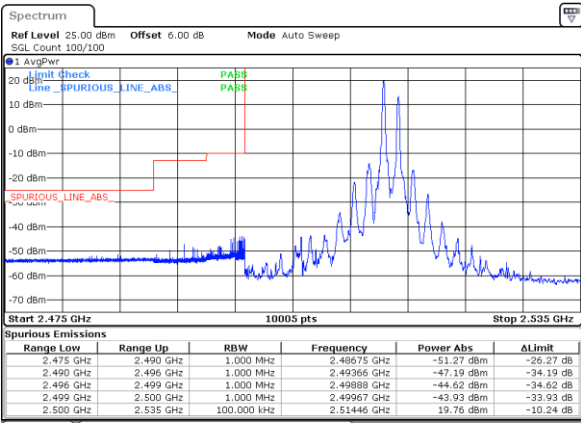


Date: 4 JUN 2022 17:56:18

Date: 4 JUN 2022 18:13:59

Lowest Band Edge / 1RB74 and 1RB0

Highest Band Edge / 1RB74 and 1RB0

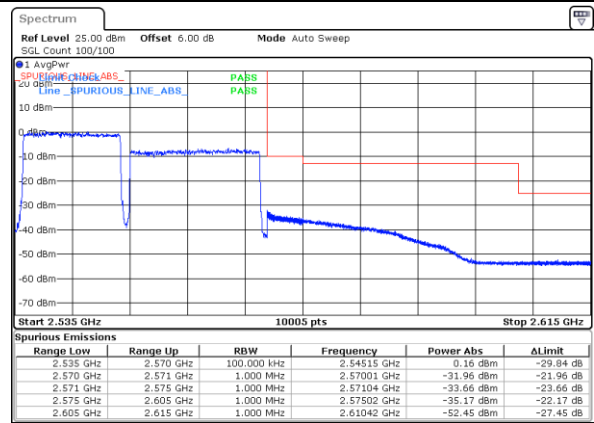
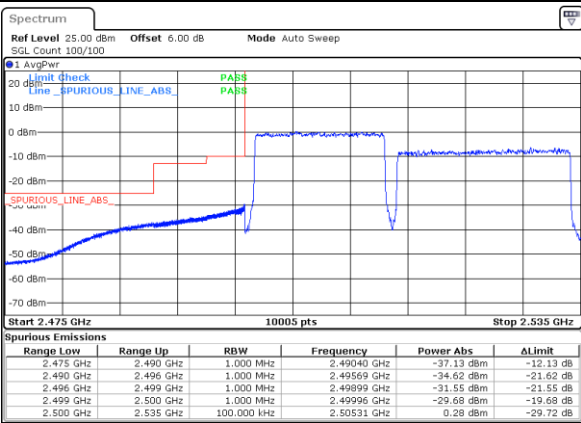


Date: 4 JUN 2022 18:01:12

Date: 4 JUN 2022 18:18:51

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 4 JUN 2022 18:06:05

Date: 4 JUN 2022 18:23:43

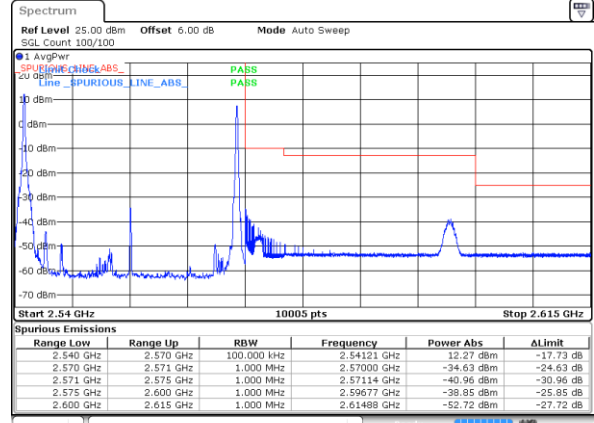
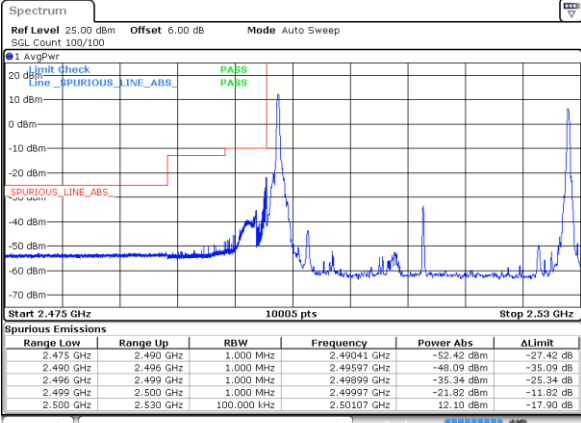


LTE Band 7C / 20MHz+10MHz

16QAM

Lowest Band Edge / 1RB0 and 1RB49

Highest Band Edge / 1RB0 and 1RB49

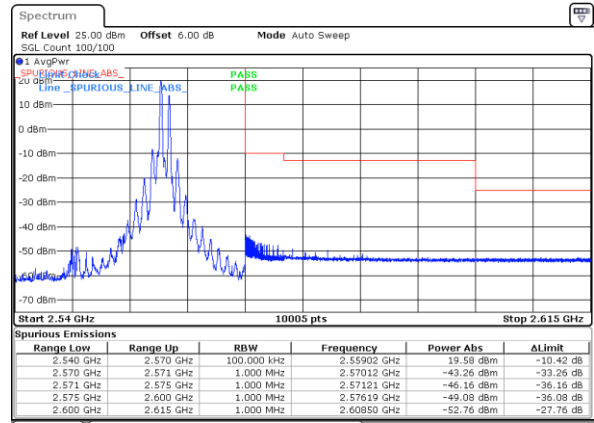
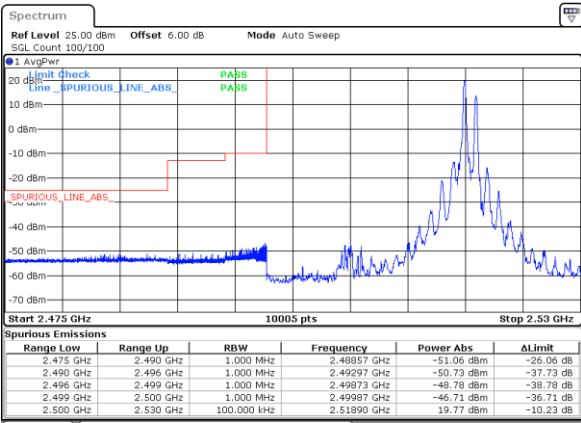


Date: 4 JUN 2022 18:30:08

Date: 4 JUN 2022 19:28:02

Lowest Band Edge / 1RB99 and 1RB0

Highest Band Edge / 1RB99 and 1RB0

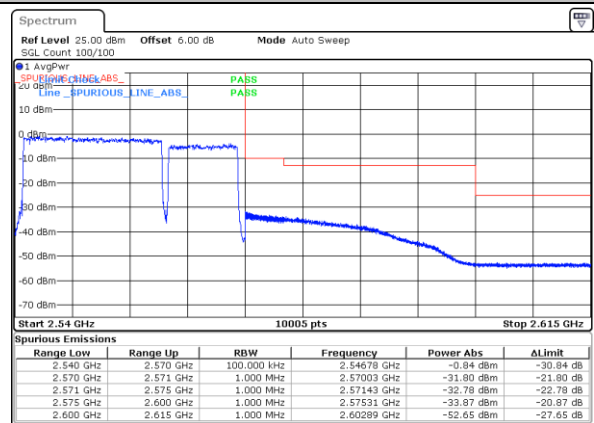
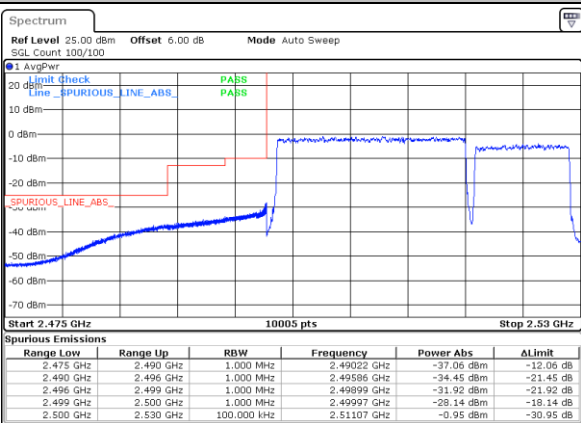


Date: 4 JUN 2022 18:35:10

Date: 4 JUN 2022 19:32:54

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 4 JUN 2022 18:40:03

Date: 4 JUN 2022 19:37:47

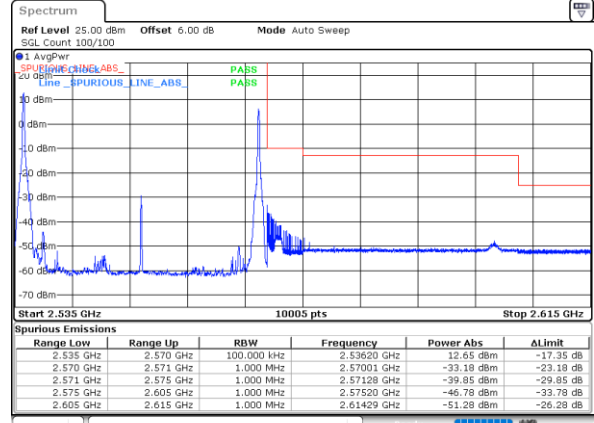
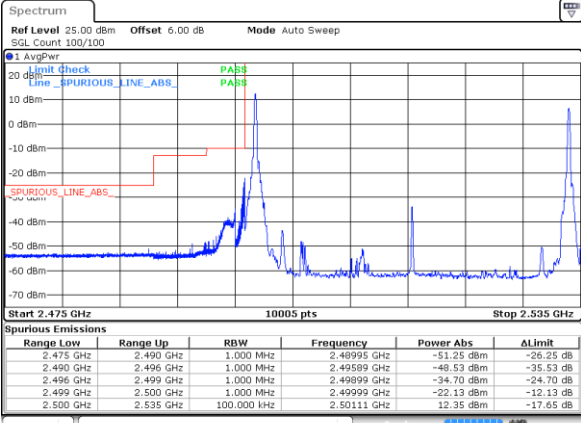


LTE Band 7C / 20MHz+15MHz

16QAM

Lowest Band Edge / 1RB0 and 1RB74

Highest Band Edge / 1RB0 and 1RB74

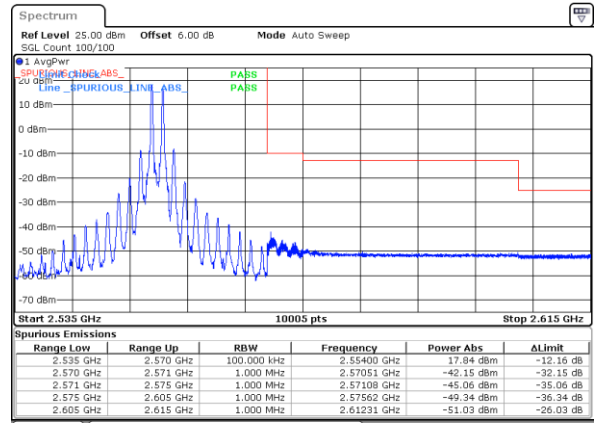
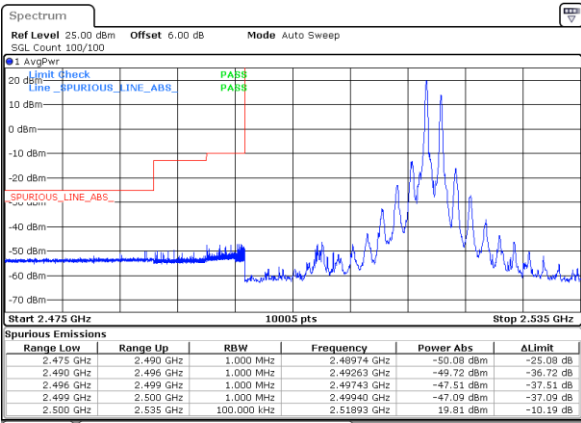


Date: 4 JUN 2022 19:44:11

Date: 5 JUN 2022 22:25:26

Lowest Band Edge / 1RB99 and 1RB0

Highest Band Edge / 1RB99 and 1RB0

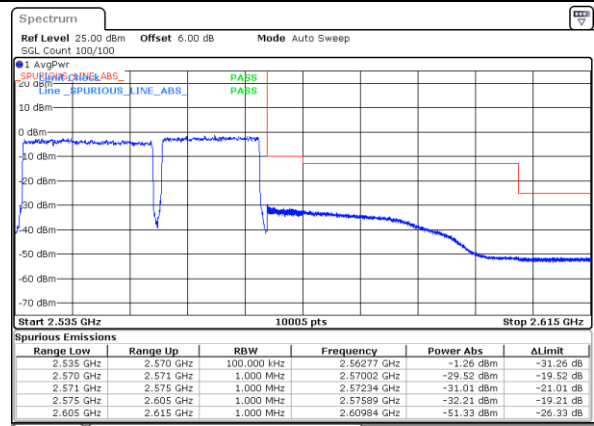
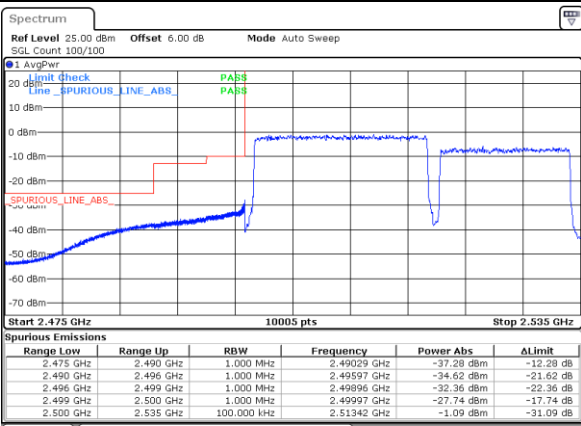


Date: 4 JUN 2022 19:48:04

Date: 5 JUN 2022 22:30:19

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 4 JUN 2022 19:53:58

Date: 5 JUN 2022 22:35:12

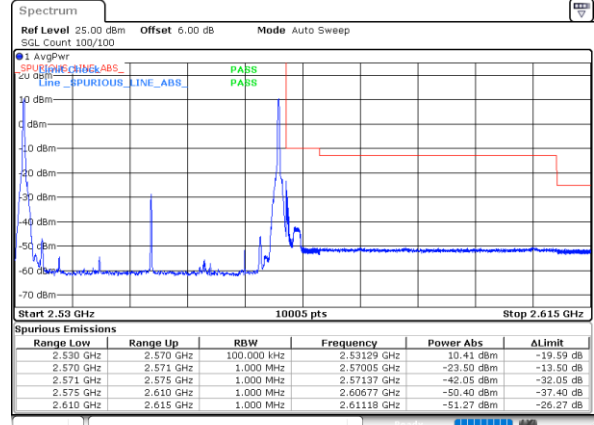
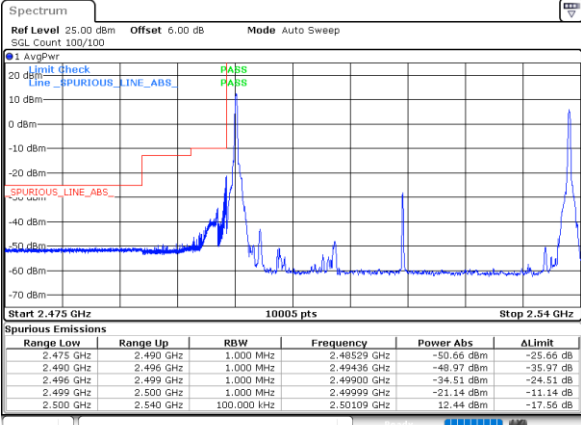


LTE Band 7C / 20MHz+20MHz

16QAM

Lowest Band Edge / 1RB0 and 1RB9

Highest Band Edge / 1RB0 and 1RB9

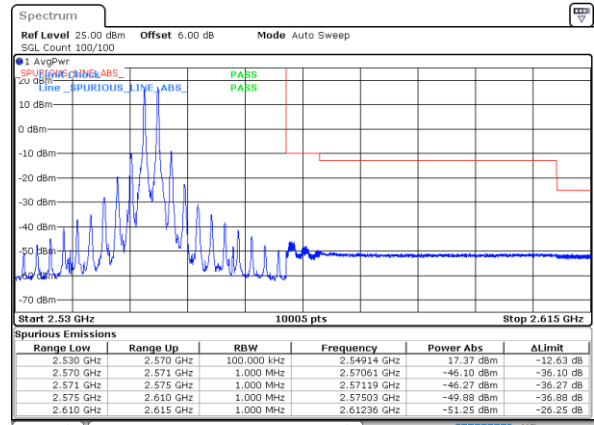
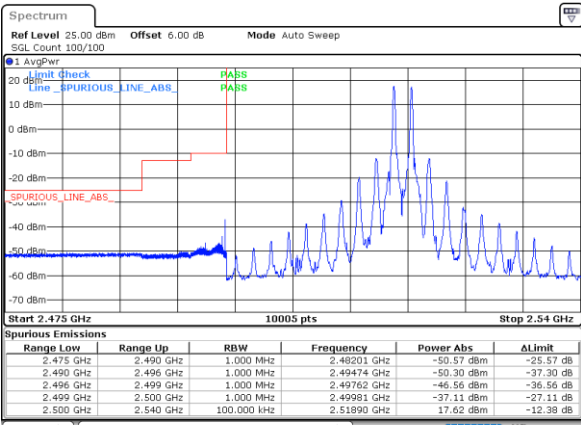


Date: 5 JUN 2022 22:41:52

Date: 5 JUN 2022 23:02:43

Lowest Band Edge / 1RB99 and 1RB0

Highest Band Edge / 1RB99 and 1RB0

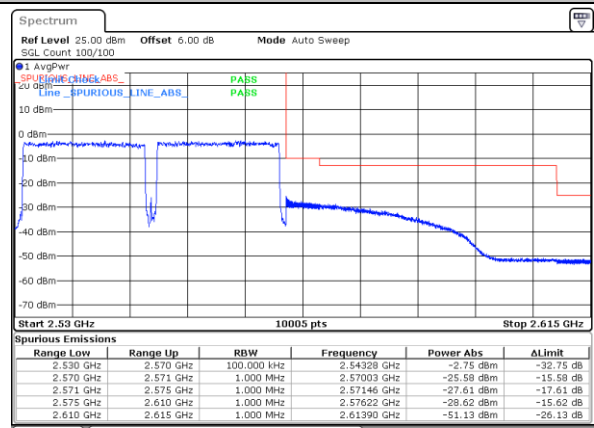
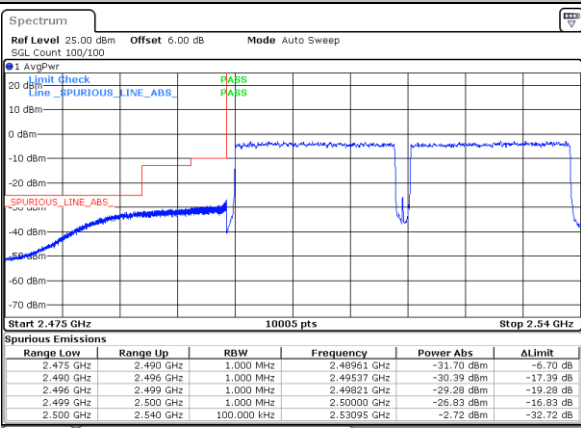


Date: 5 JUN 2022 22:49:50

Date: 5 JUN 2022 23:07:54

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 5 JUN 2022 22:54:44

Date: 5 JUN 2022 23:12:27

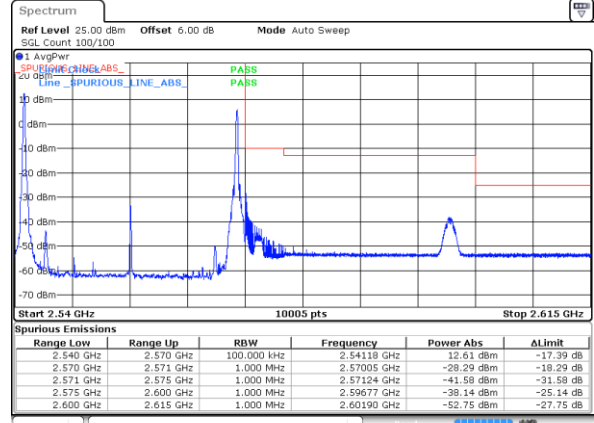
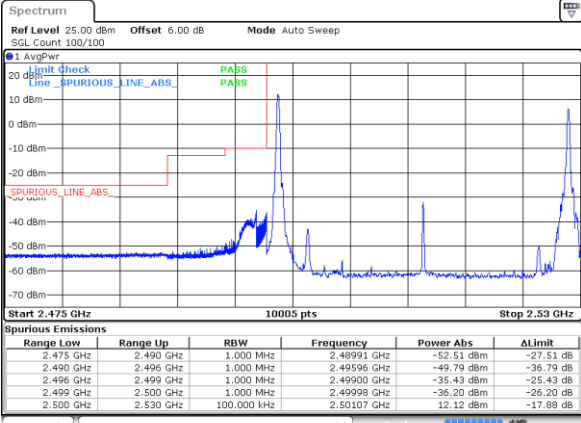


LTE Band 7C / 10MHz+20MHz

64QAM

Lowest Band Edge / 1RB0 and 1RB9

Highest Band Edge / 1RB0 and 1RB9

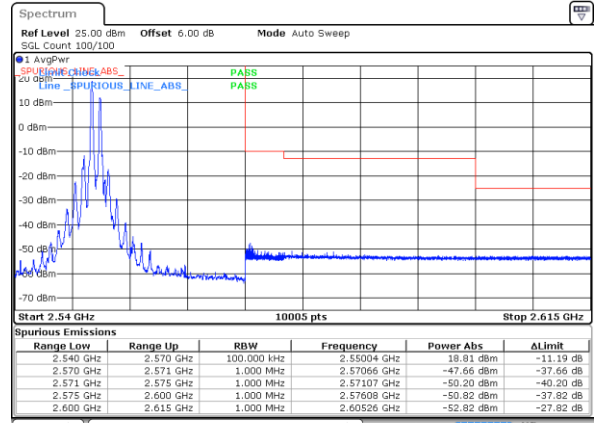
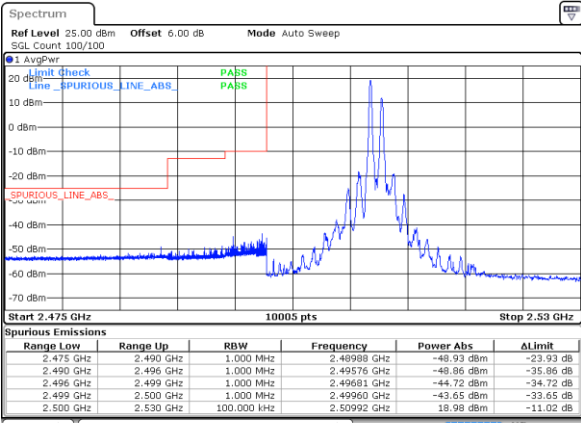


Date: 4 JUN 2022 16:16:06

Date: 4 JUN 2022 16:33:47

Lowest Band Edge / 1RB49 and 1RB0

Highest Band Edge / 1RB49 and 1RB0

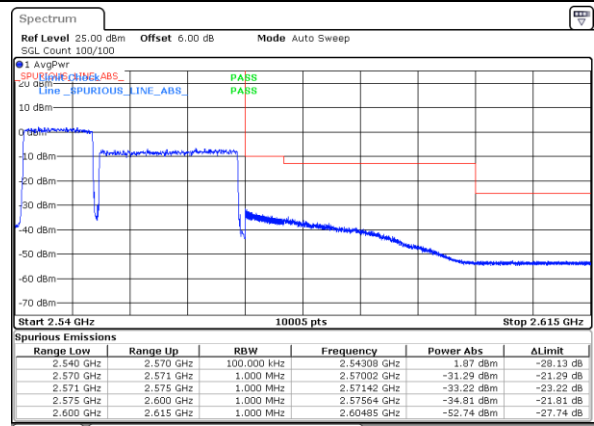
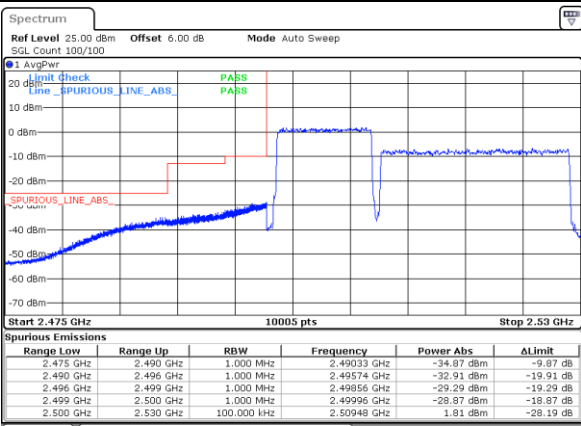


Date: 4 JUN 2022 16:17:44

Date: 4 JUN 2022 16:35:25

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 4 JUN 2022 16:25:54

Date: 4 JUN 2022 16:43:32

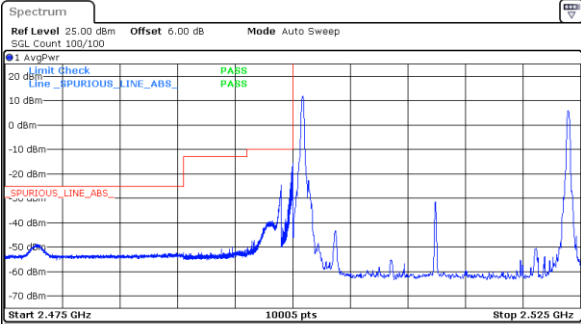


LTE Band 7C / 15MHz+10MHz

64QAM

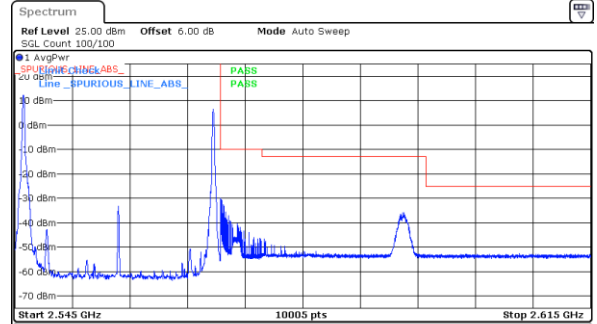
Lowest Band Edge / 1RB0 and 1RB49

Highest Band Edge / 1RB0 and 1RB49



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.47779 GHz	-48.64 dBm	-23.54 dB
2.490 GHz	2.496 GHz	1.000 MHz	2.49473 GHz	-49.78 dBm	-36.78 dB
2.496 GHz	2.499 GHz	1.000 MHz	2.49899 GHz	-24.44 dBm	-14.44 dB
2.499 GHz	2.500 GHz	1.000 MHz	2.50000 GHz	-15.61 dBm	-5.61 dB
2.500 GHz	2.525 GHz	100.000 kHz	2.50068 GHz	11.75 dBm	-19.25 dB

Date: 4 JUN 2022 16:50:13

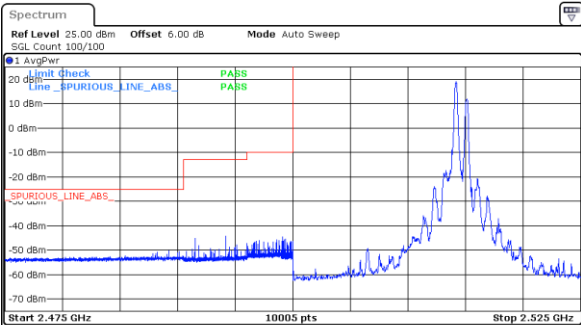


Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.545 GHz	2.570 GHz	100.000 kHz	2.54603 GHz	12.06 dBm	-17.94 dB
2.570 GHz	2.571 GHz	1.000 MHz	2.57003 GHz	-29.78 dBm	-19.78 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57113 GHz	-39.30 dBm	-29.30 dB
2.575 GHz	2.595 GHz	1.000 MHz	2.59235 GHz	-35.86 dBm	-22.86 dB
2.595 GHz	2.615 GHz	1.000 MHz	2.60634 GHz	-52.63 dBm	-27.63 dB

Date: 4 JUN 2022 17:07:54

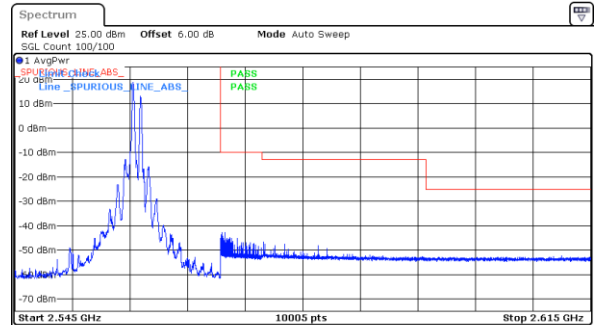
Lowest Band Edge / 1RB74 and 1RB0

Highest Band Edge / 1RB74 and 1RB0



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.49022 GHz	-50.11 dBm	-25.11 dB
2.490 GHz	2.496 GHz	1.000 MHz	2.49419 GHz	-44.28 dBm	-31.28 dB
2.496 GHz	2.499 GHz	1.000 MHz	2.49863 GHz	-45.79 dBm	-35.79 dB
2.499 GHz	2.500 GHz	1.000 MHz	2.49914 GHz	-44.61 dBm	-34.61 dB
2.500 GHz	2.525 GHz	100.000 kHz	2.51419 GHz	16.91 dBm	-11.09 dB

Date: 4 JUN 2022 16:51:51

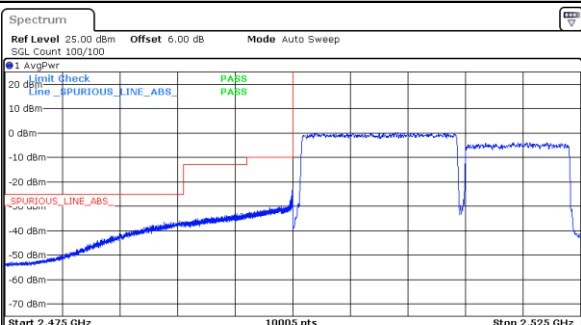


Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.545 GHz	2.570 GHz	100.000 kHz	2.55936 GHz	18.72 dBm	-11.28 dB
2.570 GHz	2.571 GHz	1.000 MHz	2.57051 GHz	-42.72 dBm	-32.72 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57113 GHz	-44.78 dBm	-34.78 dB
2.575 GHz	2.595 GHz	1.000 MHz	2.57525 GHz	-46.67 dBm	-33.67 dB
2.595 GHz	2.615 GHz	1.000 MHz	2.61142 GHz	-52.41 dBm	-27.41 dB

Date: 4 JUN 2022 17:09:32

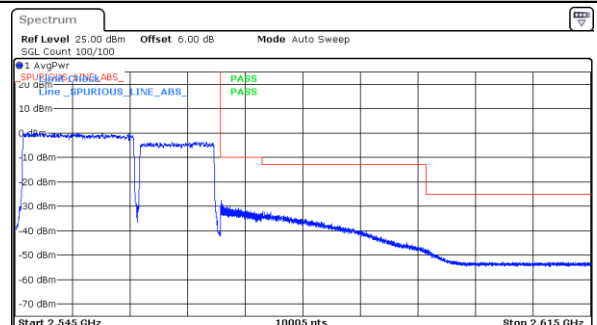
Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.49022 GHz	-35.78 dBm	-10.78 dB
2.490 GHz	2.496 GHz	1.000 MHz	2.49549 GHz	-32.91 dBm	-13.91 dB
2.496 GHz	2.499 GHz	1.000 MHz	2.49880 GHz	-30.03 dBm	-20.03 dB
2.499 GHz	2.500 GHz	1.000 MHz	2.49999 GHz	-23.20 dBm	-13.20 dB
2.500 GHz	2.525 GHz	100.000 kHz	2.50890 GHz	0.15 dBm	-29.85 dB

Date: 4 JUN 2022 17:00:00



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.545 GHz	2.570 GHz	100.000 kHz	2.54653 GHz	0.12 dBm	-29.88 dB
2.570 GHz	2.571 GHz	1.000 MHz	2.57009 GHz	-27.57 dBm	-17.57 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57112 GHz	-30.17 dBm	-20.17 dB
2.575 GHz	2.595 GHz	1.000 MHz	2.57512 GHz	-31.95 dBm	-18.95 dB
2.595 GHz	2.615 GHz	1.000 MHz	2.59519 GHz	-47.79 dBm	-22.79 dB

Date: 4 JUN 2022 17:17:41

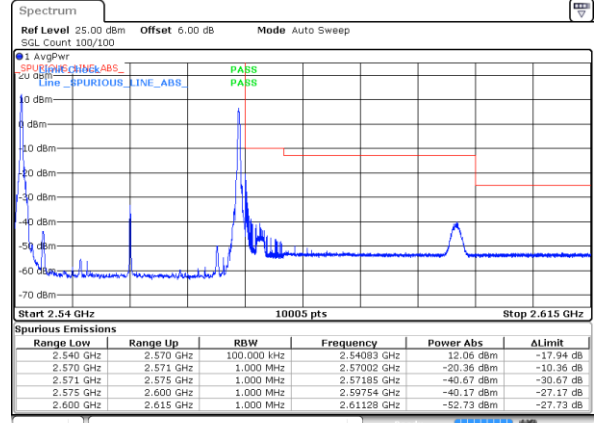
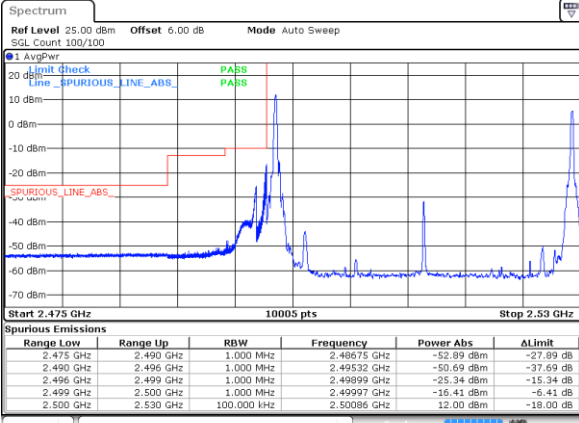


LTE Band 7C / 15MHz+15MHz

64QAM

Lowest Band Edge / 1RB0 and 1RB74

Highest Band Edge / 1RB0 and 1RB74

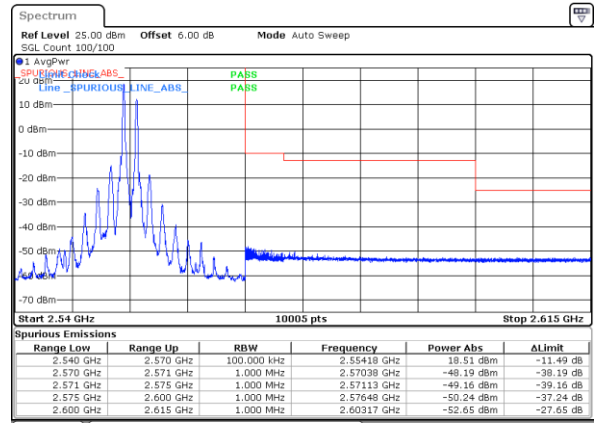
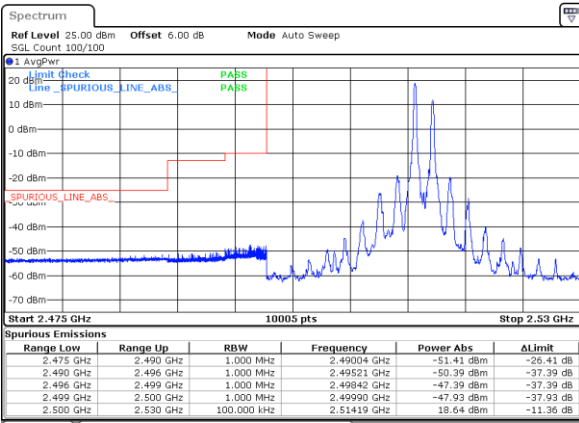


Date: 4 JUN 2022 17:24:05

Date: 4 JUN 2022 17:41:47

Lowest Band Edge / 1RB74 and 1RB0

Highest Band Edge / 1RB74 and 1RB0

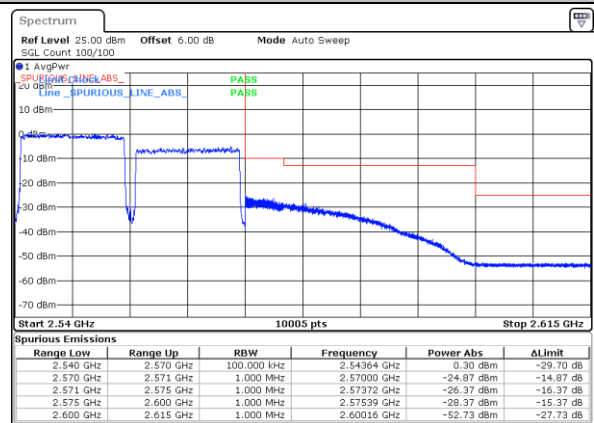
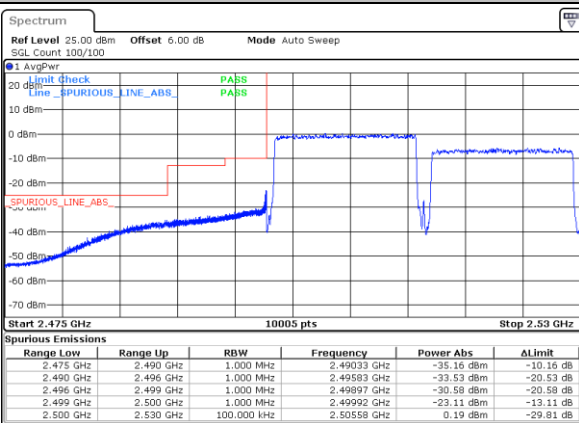


Date: 4 JUN 2022 17:25:44

Date: 4 JUN 2022 17:43:24

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 4 JUN 2022 17:33:54

Date: 4 JUN 2022 17:51:32

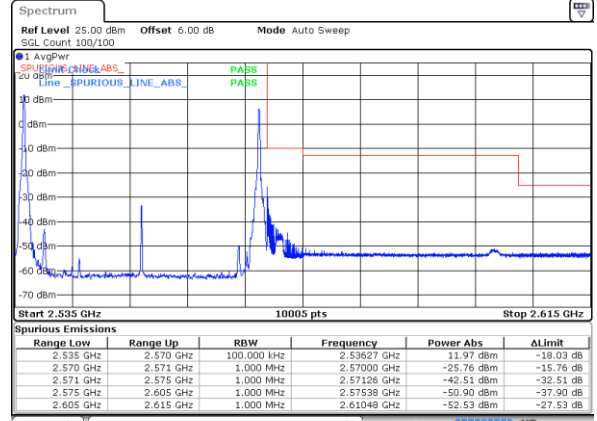
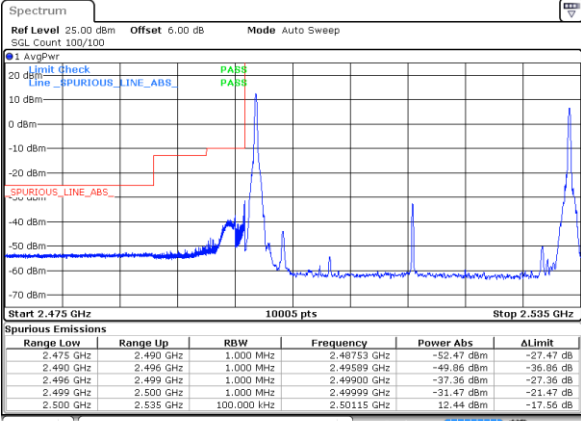


LTE Band 7C / 15MHz+20MHz

64QAM

Lowest Band Edge / 1RB0 and 1RB9

Highest Band Edge / 1RB0 and 1RB9

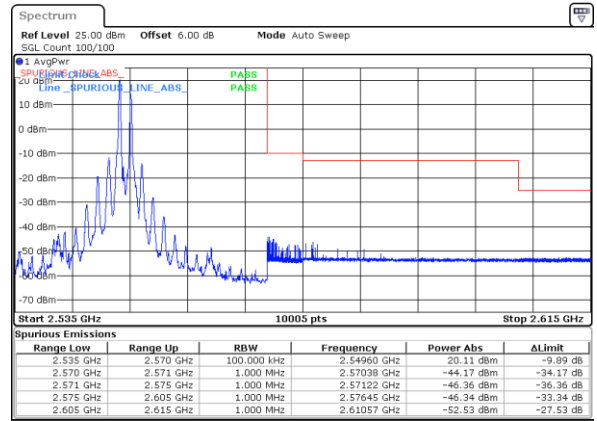
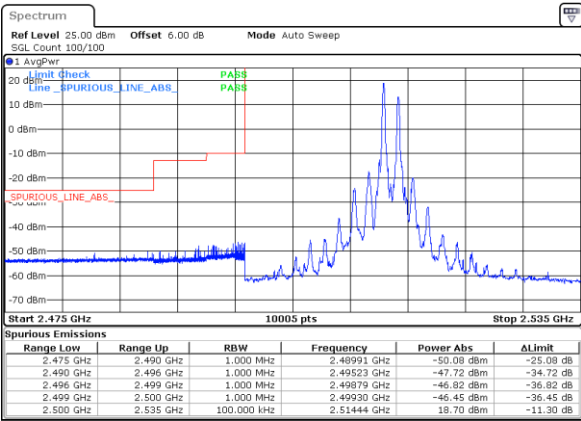


Date: 4 JUN 2022 17:57:56

Date: 4 JUN 2022 18:15:36

Lowest Band Edge / 1RB74 and 1RB0

Highest Band Edge / 1RB74 and 1RB0

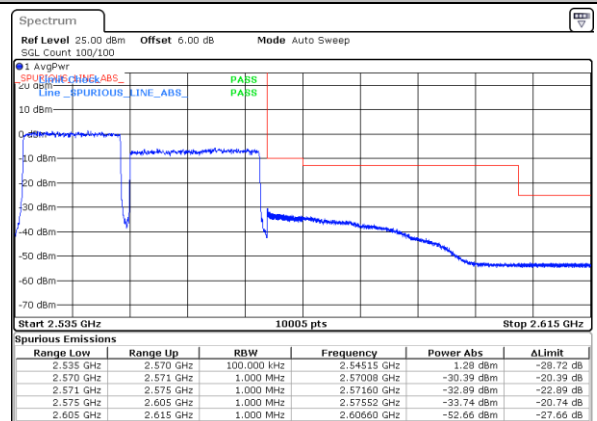
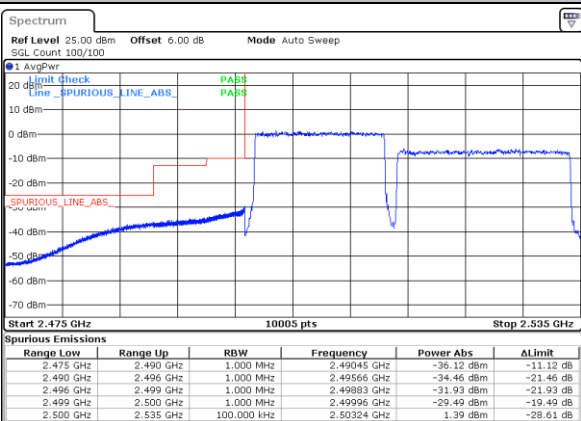


Date: 4 JUN 2022 17:59:34

Date: 4 JUN 2022 18:20:28

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 4 JUN 2022 18:04:28

Date: 4 JUN 2022 18:22:06

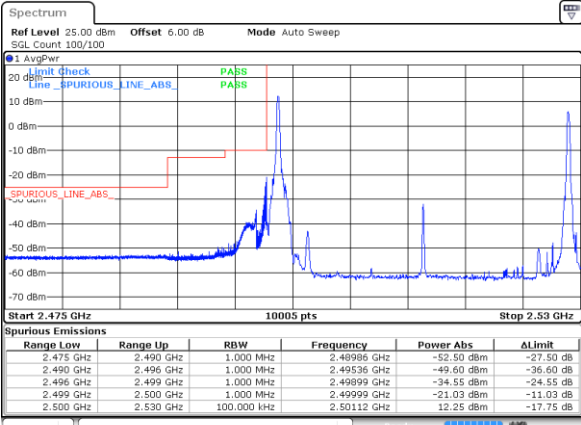


LTE Band 7C / 20MHz+10MHz

64QAM

Lowest Band Edge / 1RB0 and 1RB49

Highest Band Edge / 1RB0 and 1RB49

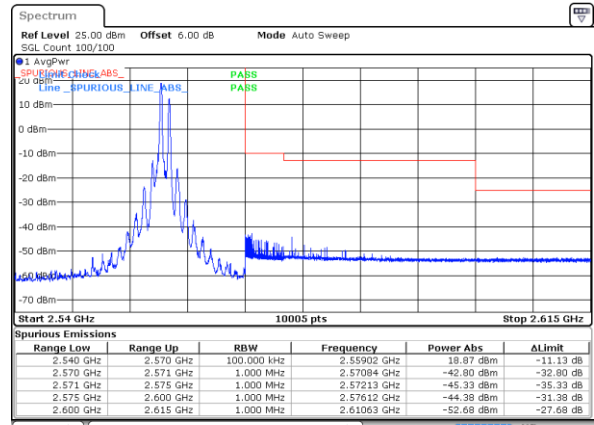
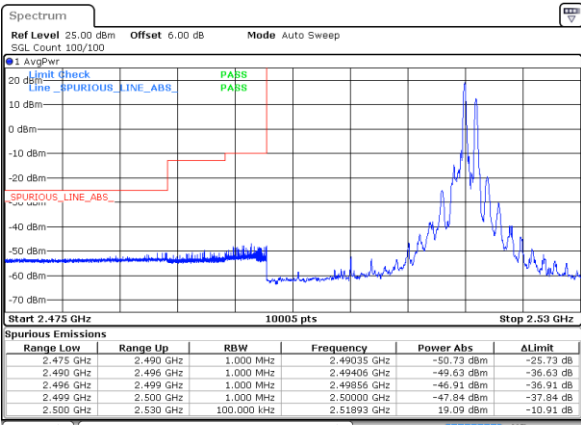


Date: 4 JUN 2022 18:31:45

Date: 4 JUN 2022 19:29:40

Lowest Band Edge / 1RB99 and 1RB0

Highest Band Edge / 1RB99 and 1RB0

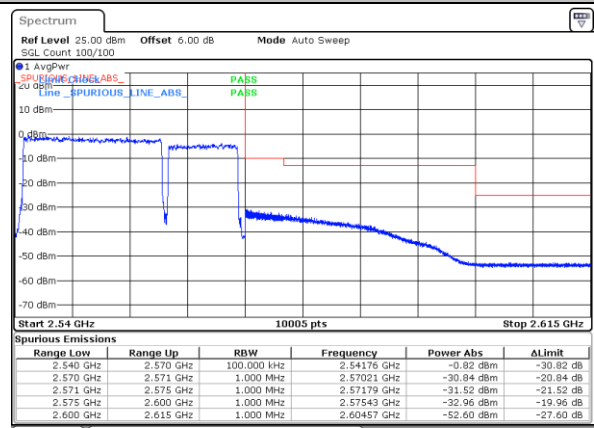
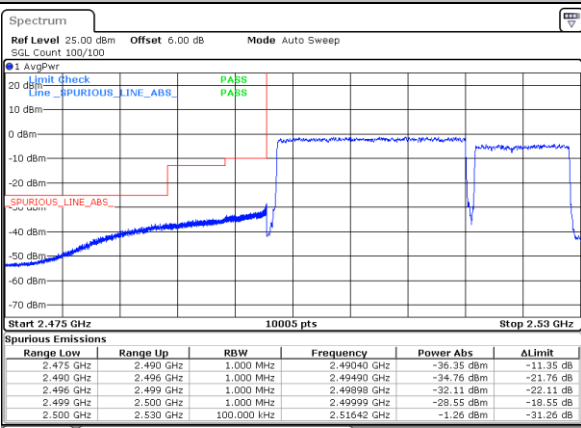


Date: 4 JUN 2022 18:33:32

Date: 4 JUN 2022 19:31:17

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 4 JUN 2022 18:41:41

Date: 4 JUN 2022 19:38:25

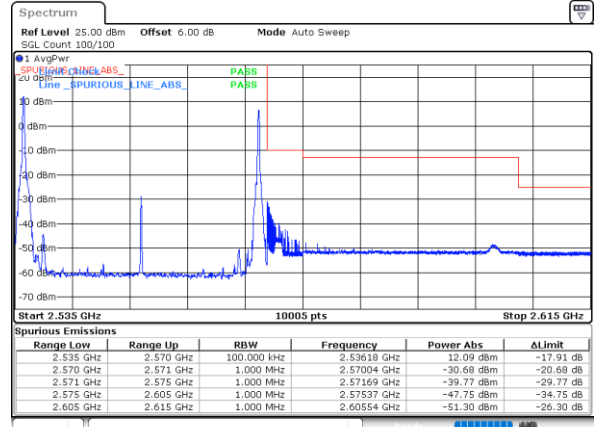
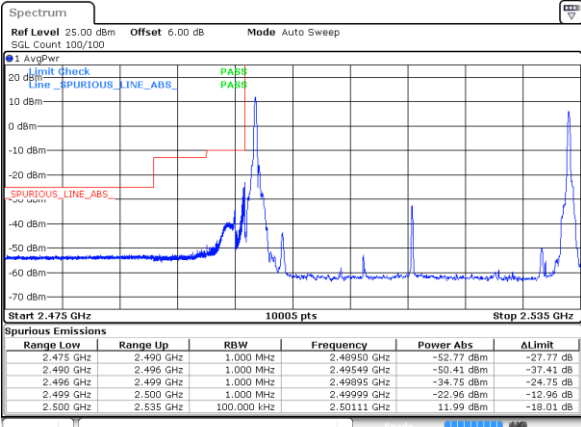


LTE Band 7C / 20MHz+15MHz

64QAM

Lowest Band Edge / 1RB0 and 1RB74

Highest Band Edge / 1RB0 and 1RB74

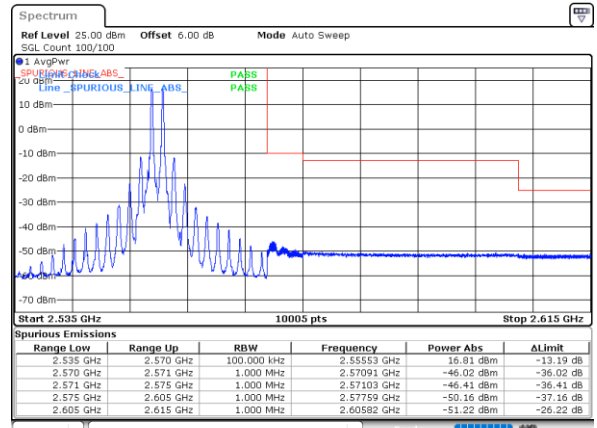
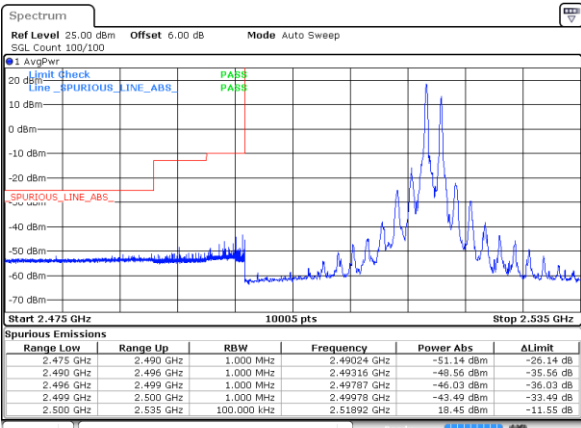


Date: 4 JUN 2022 19:45:49

Date: 5 JUN 2022 22:27:04

Lowest Band Edge / 1RB99 and 1RB0

Highest Band Edge / 1RB99 and 1RB0

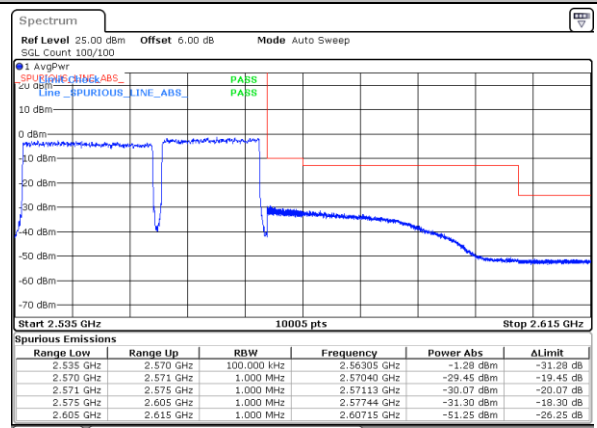
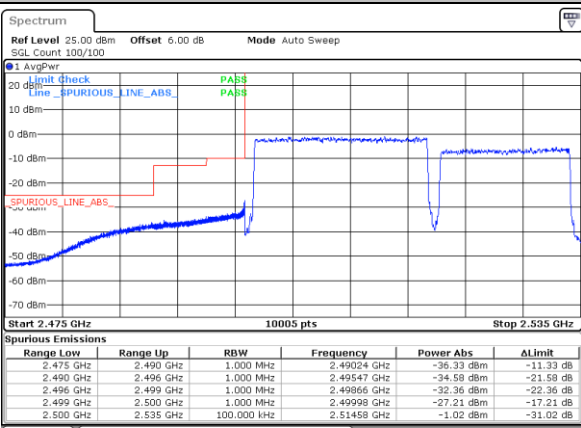


Date: 4 JUN 2022 19:47:27

Date: 5 JUN 2022 22:28:42

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 4 JUN 2022 19:55:36

Date: 5 JUN 2022 22:37:02

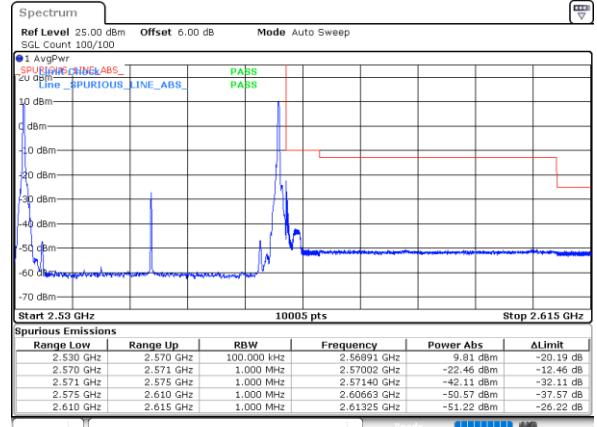
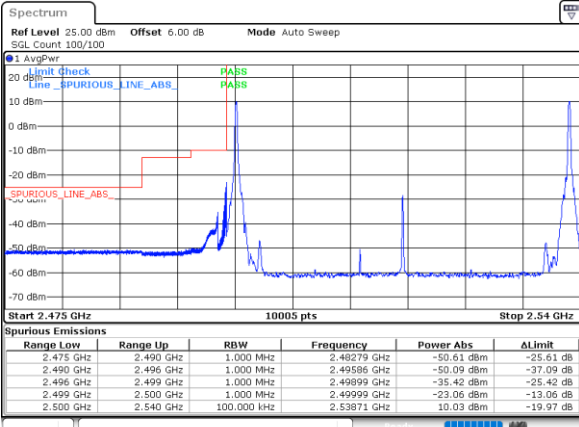


LTE Band 7C / 20MHz+20MHz

64QAM

Lowest Band Edge / 1RB0 and 1RB9

Highest Band Edge / 1RB0 and 1RB9

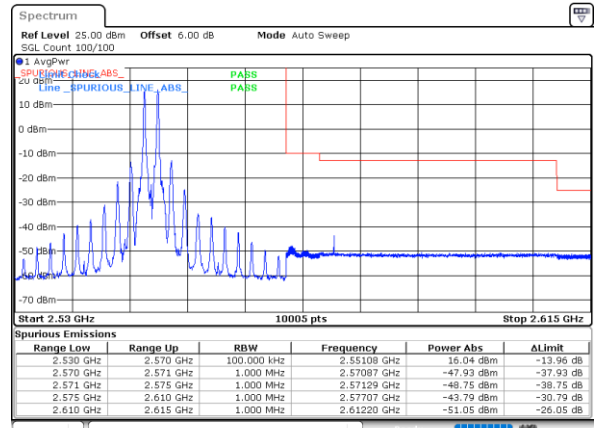
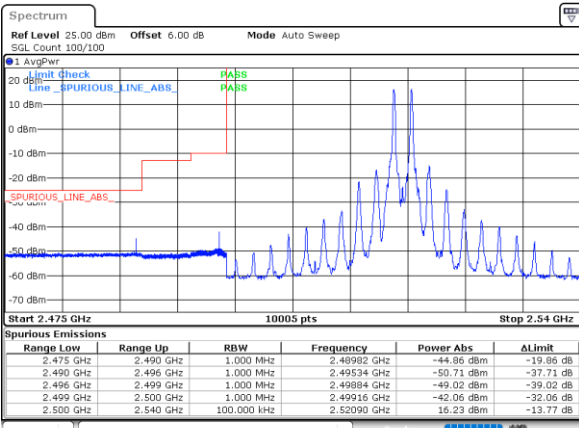


Date: 5 JUN 2022 23:27:08

Date: 5 JUN 2022 23:04:20

Lowest Band Edge / 1RB99 and 1RB0

Highest Band Edge / 1RB99 and 1RB0

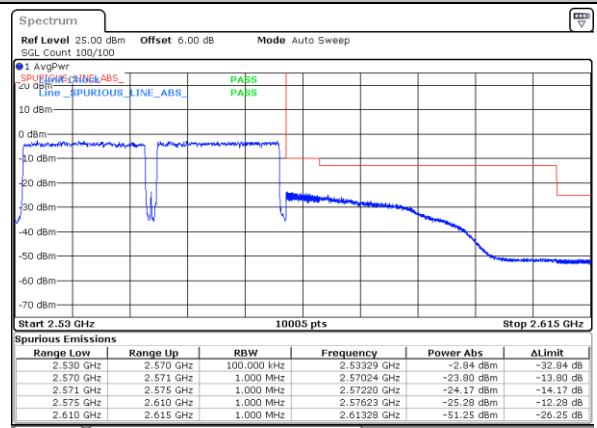
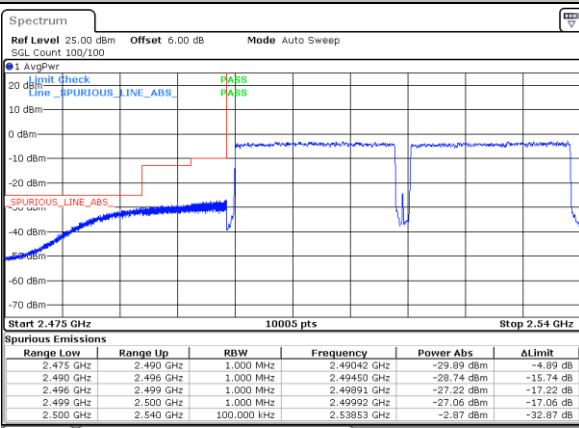


Date: 5 JUN 2022 22:48:13

Date: 5 JUN 2022 23:05:57

Lowest Band Edge / Full RB

Highest Band Edge / Full RB

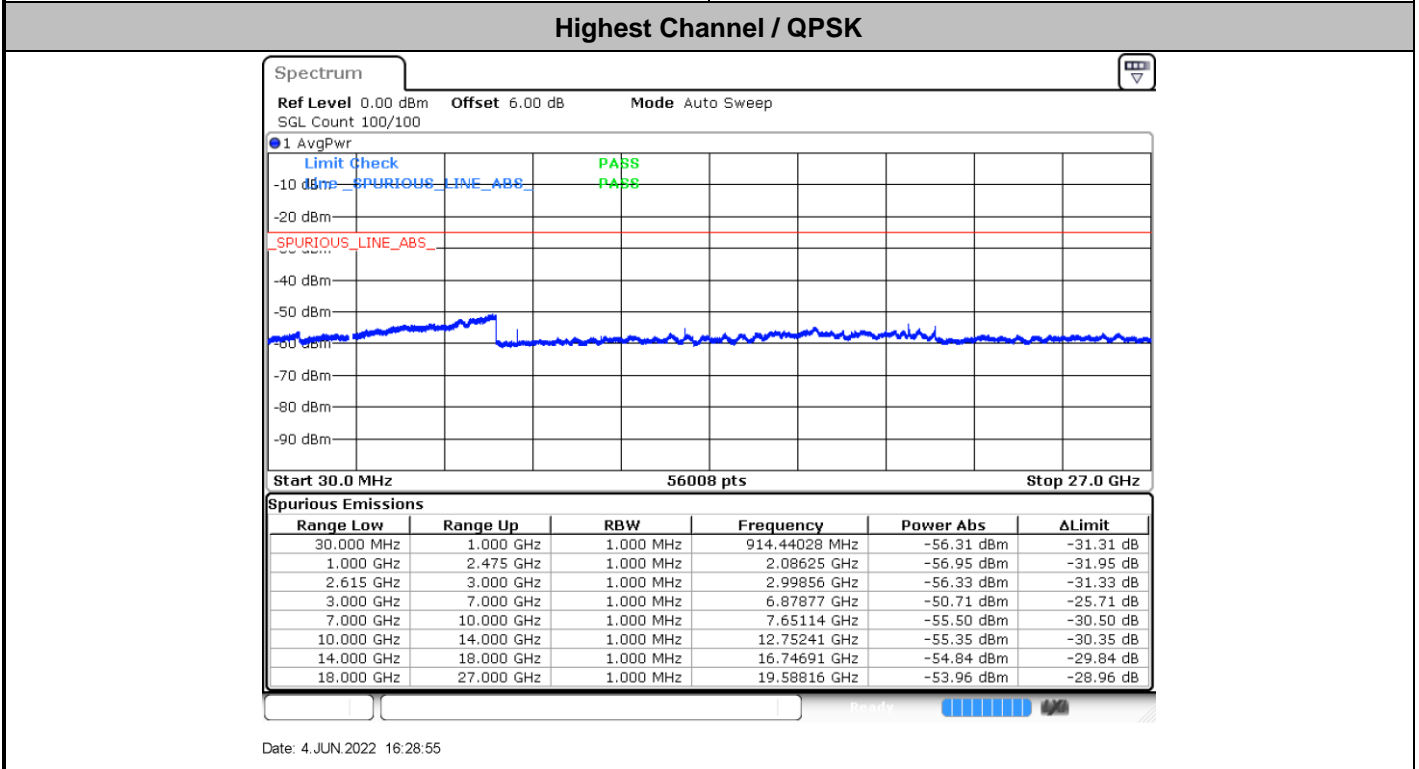
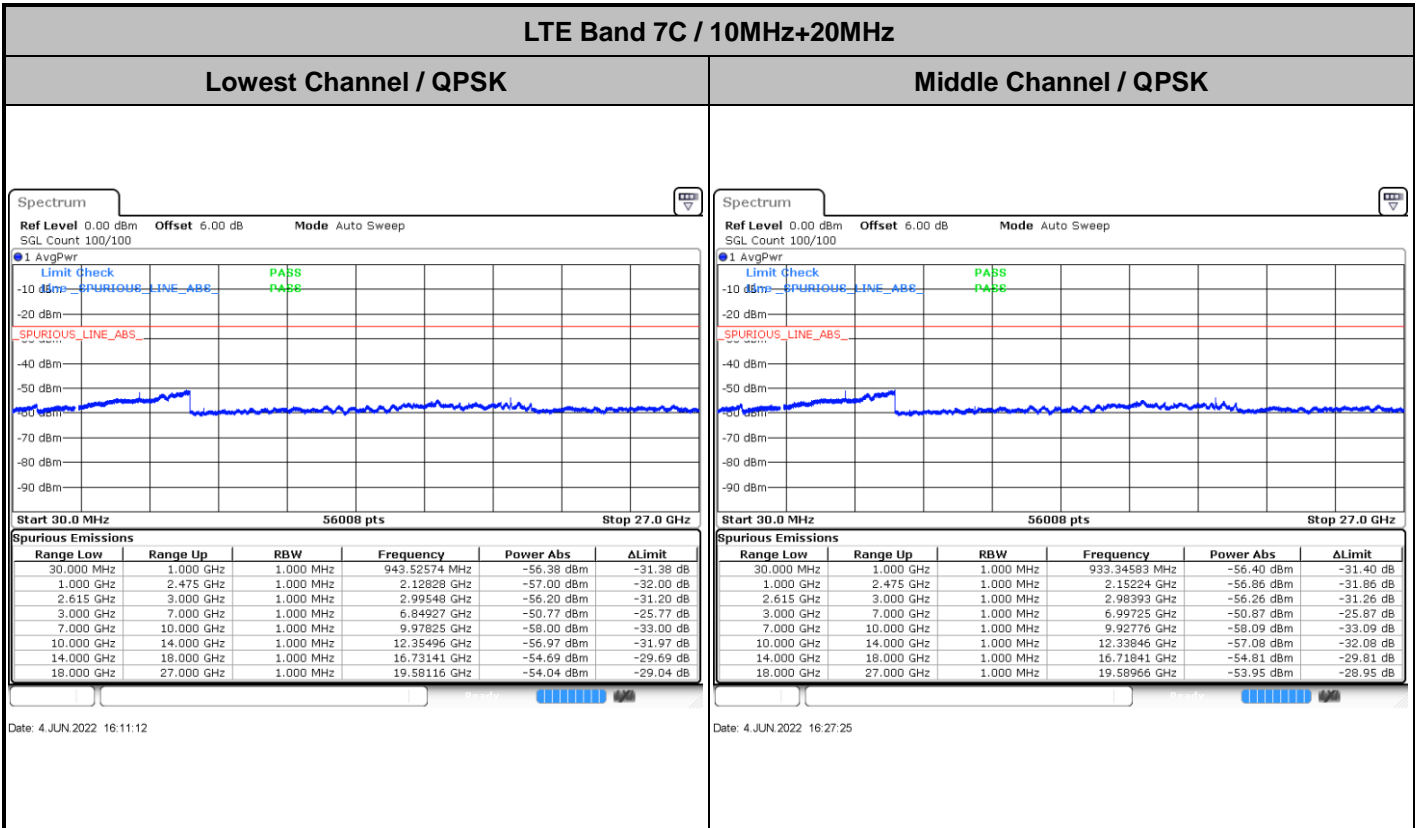


Date: 5 JUN 2022 22:56:22

Date: 5 JUN 2022 23:14:04



Conducted Spurious Emission

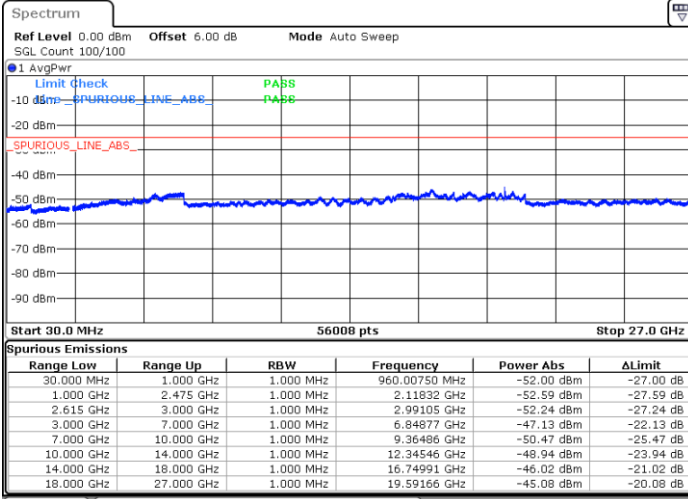




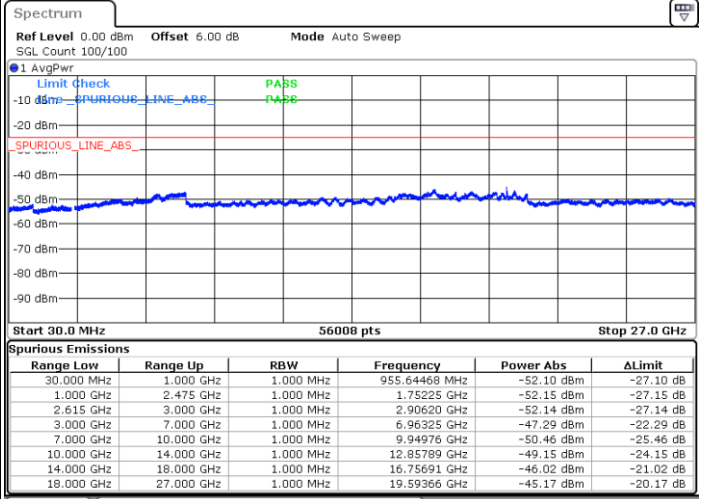
LTE Band 7C / 15MHz+10MHz

Lowest Channel / QPSK

Middle Channel / QPSK

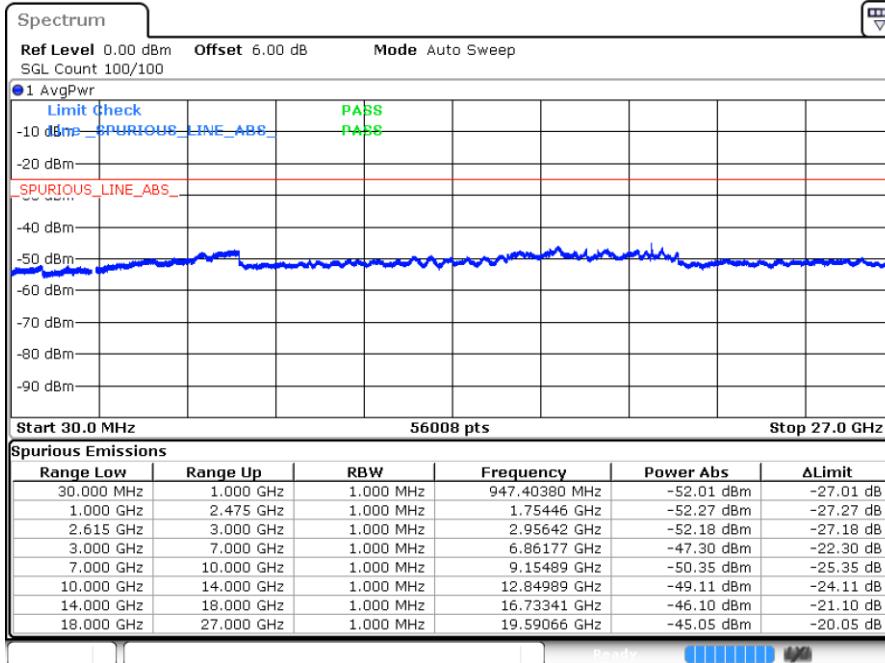


Date: 4 JUN 2022 16:45:19



Date: 4 JUN 2022 17:01:31

Highest Channel / QPSK



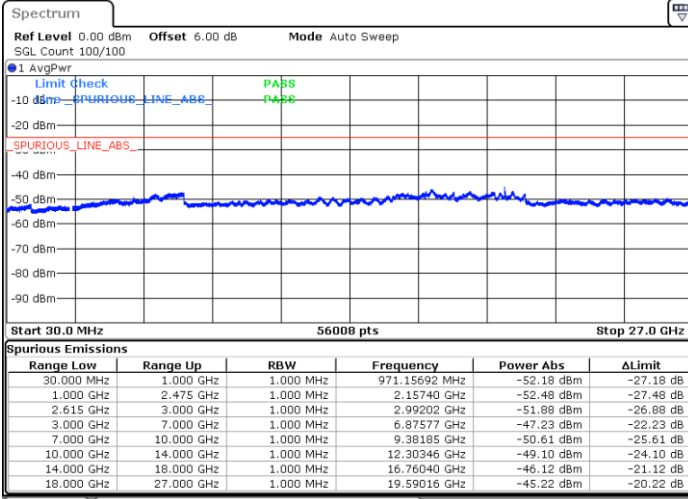
Date: 4 JUN 2022 17:03:01



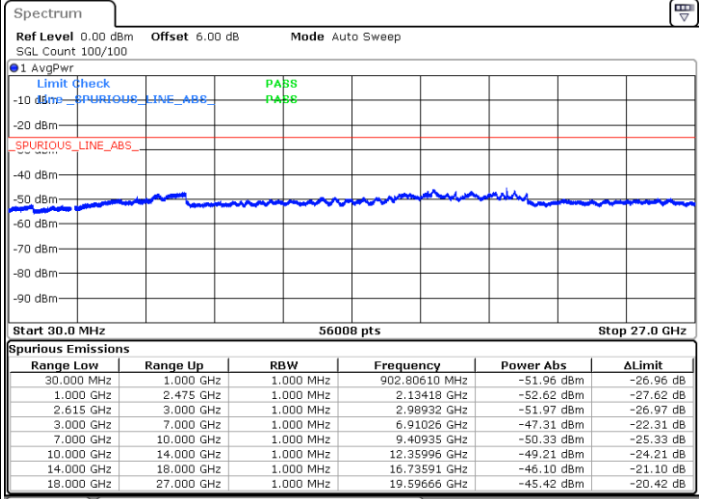
LTE Band 7C / 15MHz+15MHz

Lowest Channel / QPSK

Middle Channel / QPSK

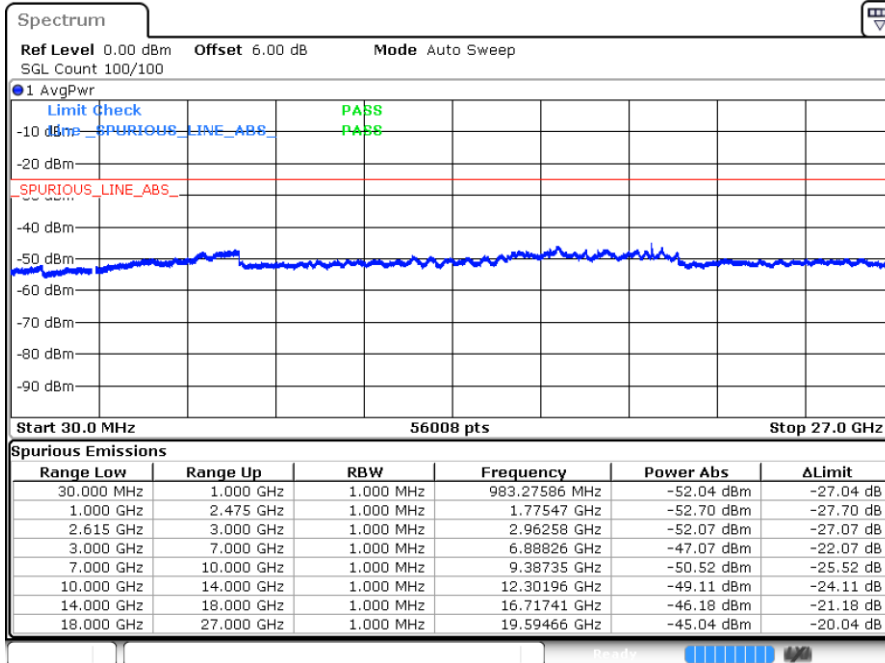


Date: 4 JUN 2022 17:19:12



Date: 4 JUN 2022 17:35:25

Highest Channel / QPSK



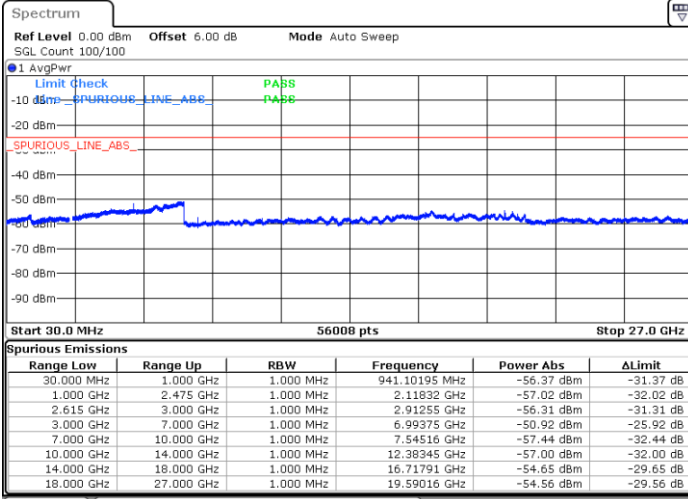
Date: 4 JUN 2022 17:36:55



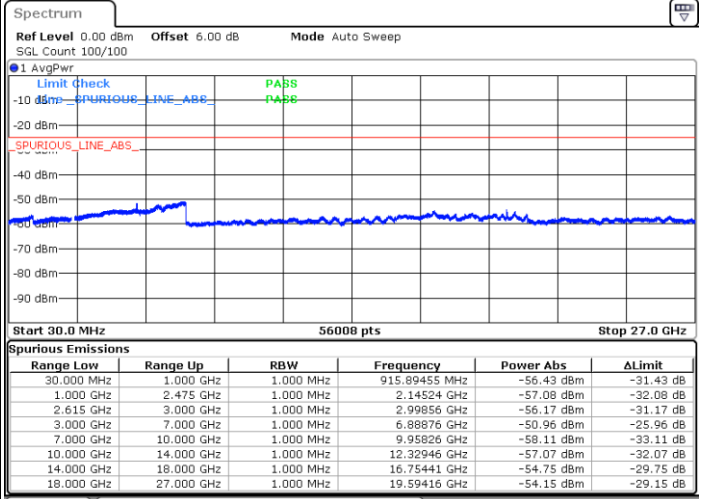
LTE Band 7C / 15MHz+20MHz

Lowest Channel / QPSK

Middle Channel / QPSK

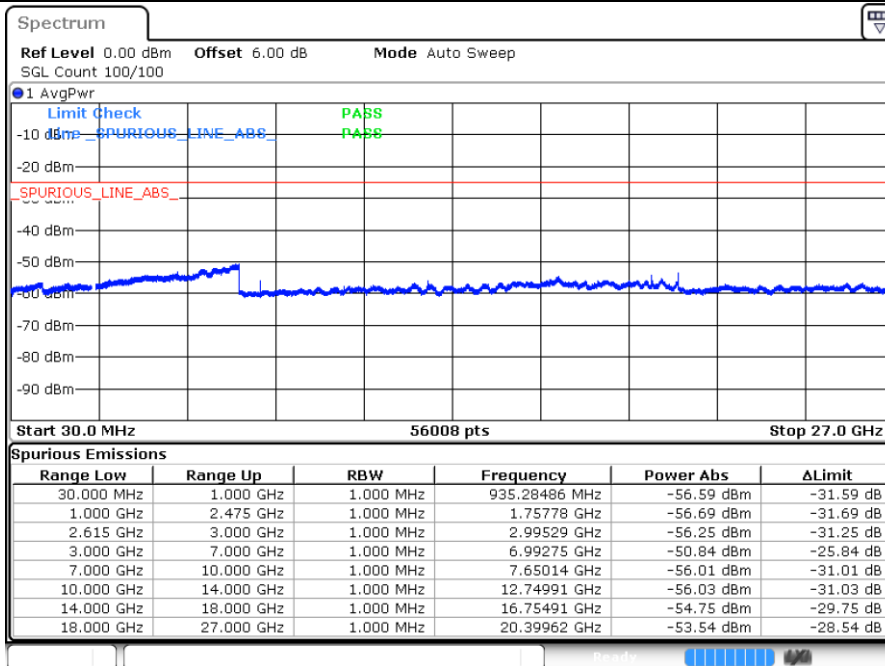


Date: 4 JUN 2022 17:53:03



Date: 4 JUN 2022 18:09:14

Highest Channel / QPSK



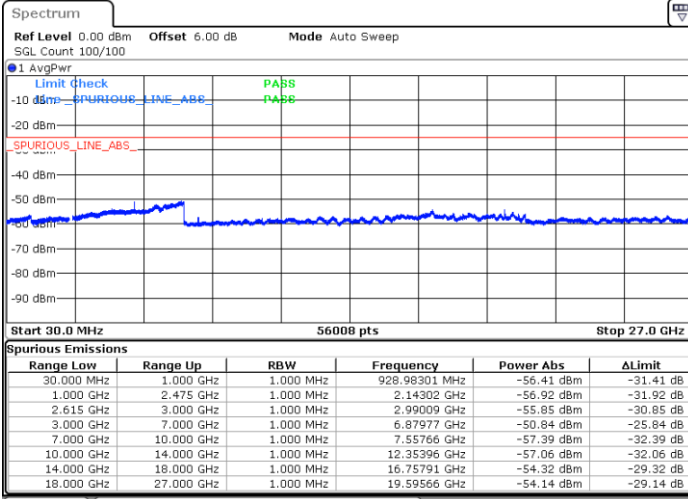
Date: 4 JUN 2022 18:10:44



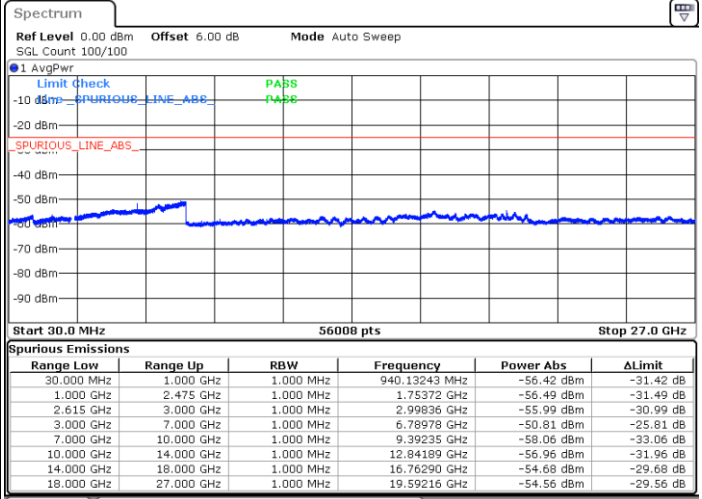
LTE Band 7C / 20MHz+10MHz

Lowest Channel / QPSK

Middle Channel / QPSK

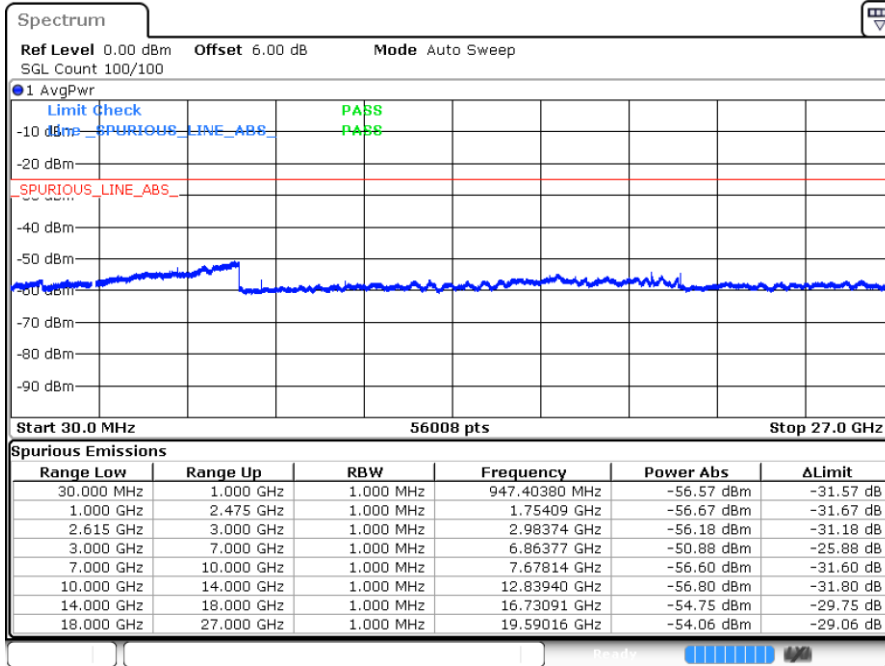


Date: 4 JUN 2022 18:26:52



Date: 4 JUN 2022 19:23:17

Highest Channel / QPSK



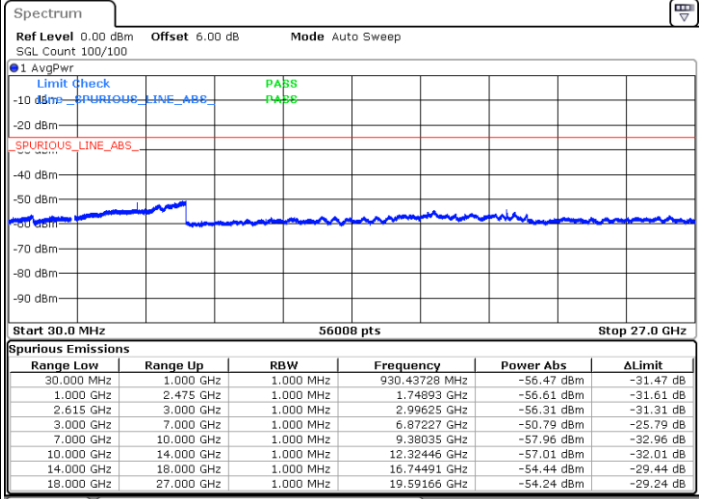
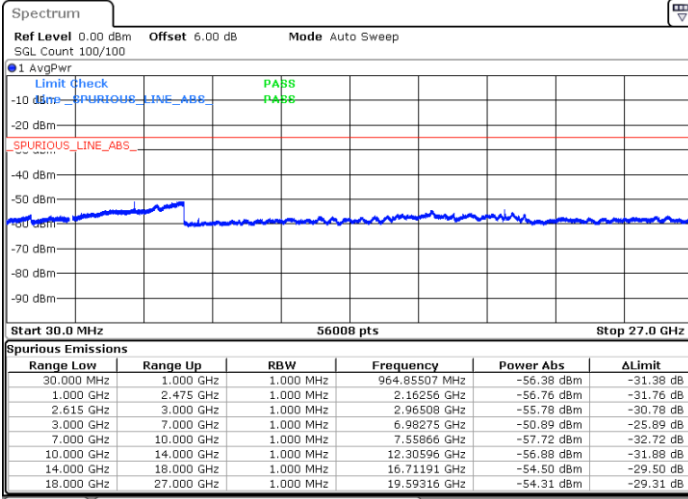
Date: 4 JUN 2022 19:24:47



LTE Band 7C / 20MHz+15MHz

Lowest Channel / QPSK

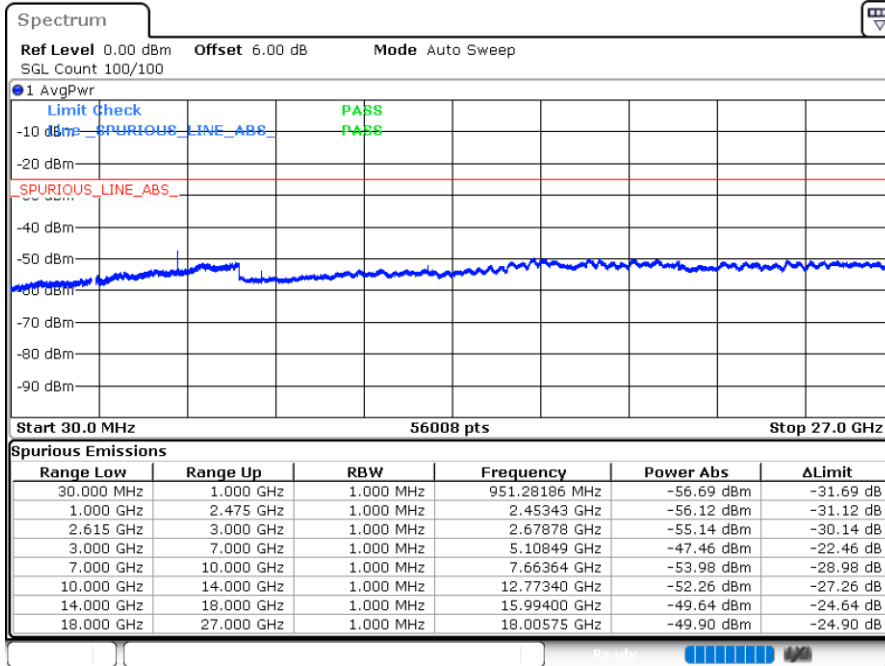
Middle Channel / QPSK



Date: 4 JUN 2022 19:40:56

Date: 4 JUN 2022 19:57:06

Highest Channel / QPSK



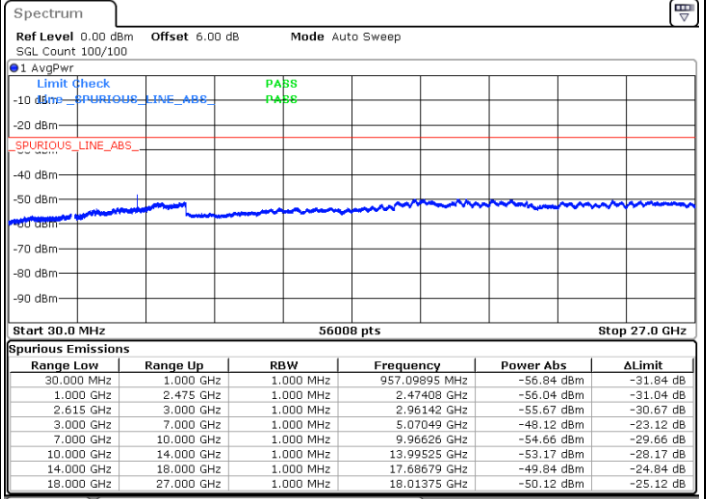
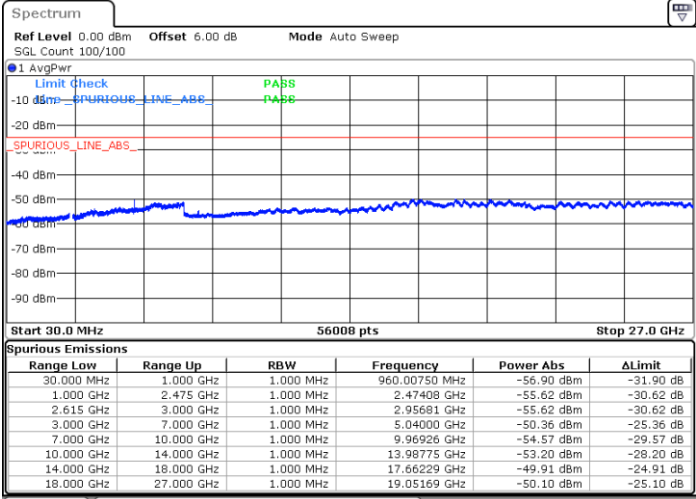
Date: 5 JUN 2022 22:20:43



LTE Band 7C /20MHz+20MHz

Lowest Channel / QPSK

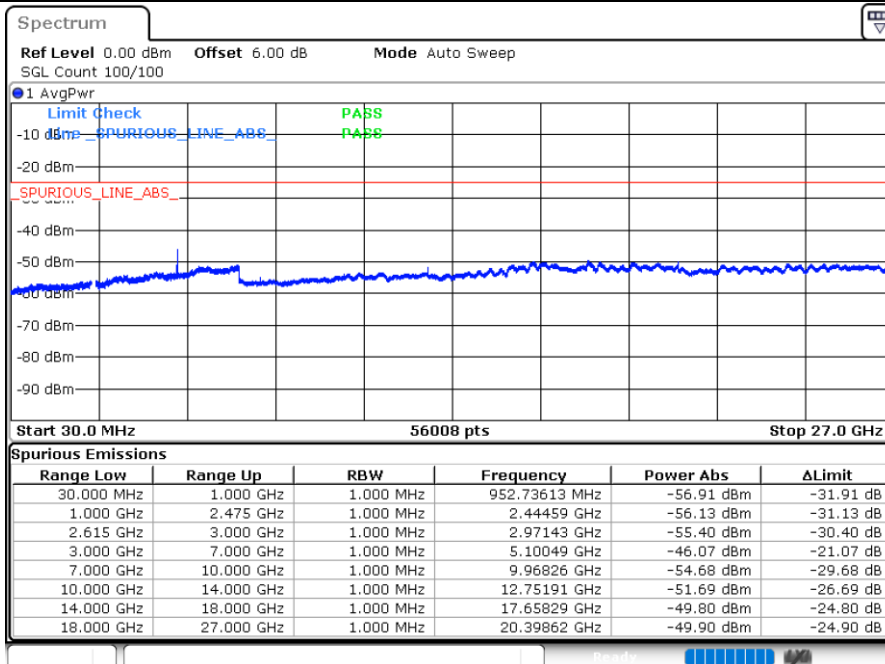
Middle Channel / QPSK



Date: 5 JUN.2022 22:38:36

Date: 5 JUN.2022 22:57:55

Highest Channel / QPSK



Date: 5 JUN.2022 22:59:28



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	0.0045	PASS
40	Normal Voltage	0.0034	
30	Normal Voltage	0.0015	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0017	
0	Normal Voltage	0.0002	
-10	Normal Voltage	0.0017	
-20	Normal Voltage	0.0016	
-30	Normal Voltage	0.0003	
20	Maximum Voltage	0.0031	
20	Normal Voltage	0.0018	
20	Battery End Point	0.0008	

Note:

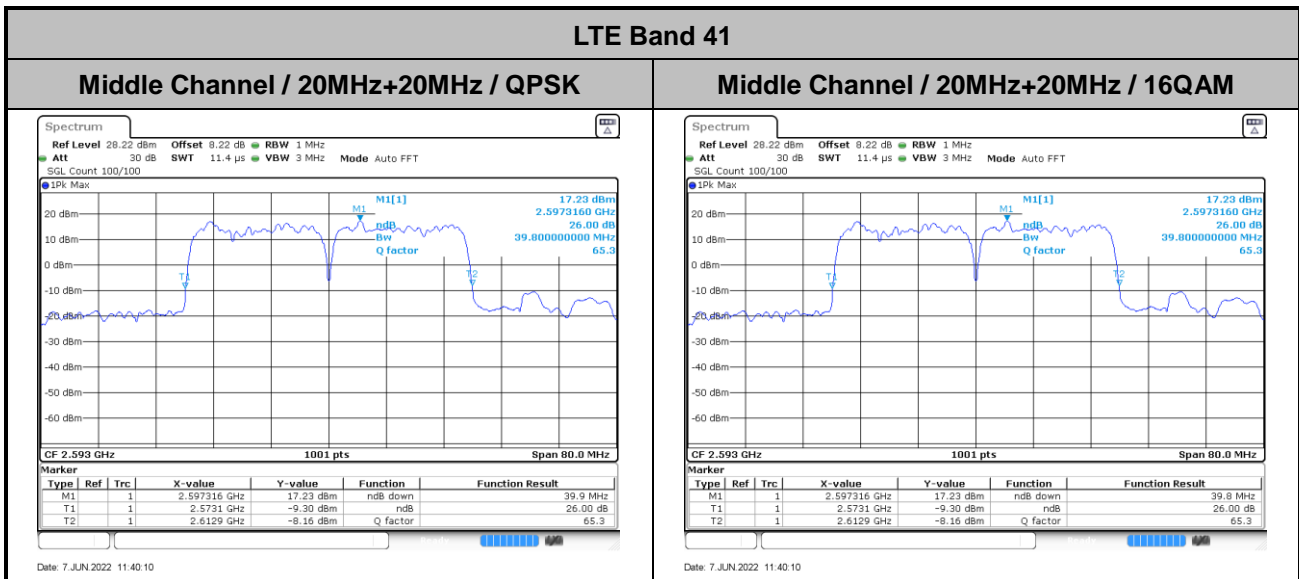
1. Normal Voltage = 3.87V. ; Battery End Point (BEP) =3.55V. ; Maximum Voltage = 4.45V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



LTE Band 41C

26dB Bandwidth

Mode	LTE Band 41-CA : 26dB BW(MHz)	
BW	20MHz+20MHz	
Mod.	QPSK	16QAM
Middle CH	39.9	39.8





Occupied Bandwidth

Mode	LTE Band 41-CA : 99%OBW(MHz)	
BW	20MHz+20MHz	
Mod.	QPSK	16QAM
Middle CH	37.72	37.64

