

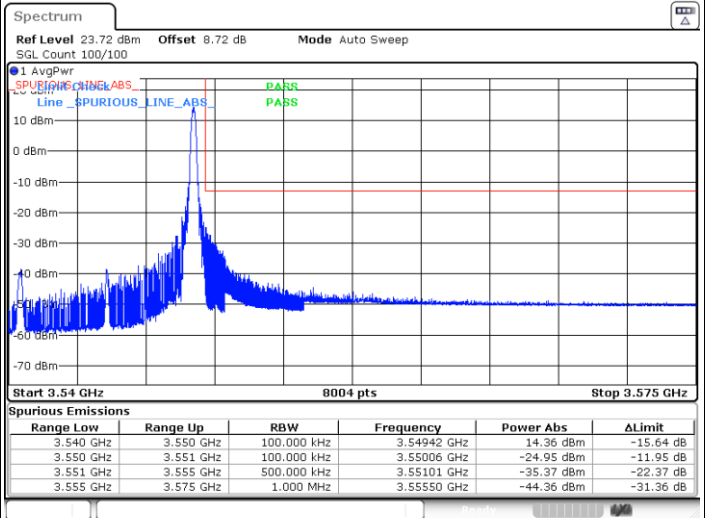
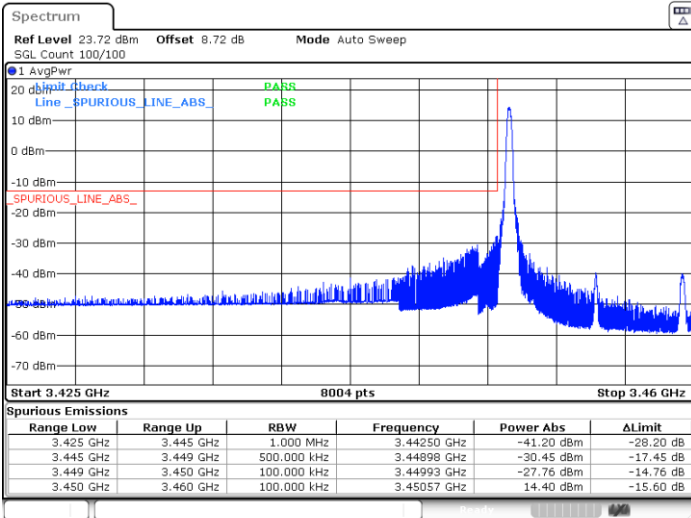


LTE Band 42 / 10MHz

256QAM

Lowest Channel / 1RB0

Highest Channel / 1RBmax

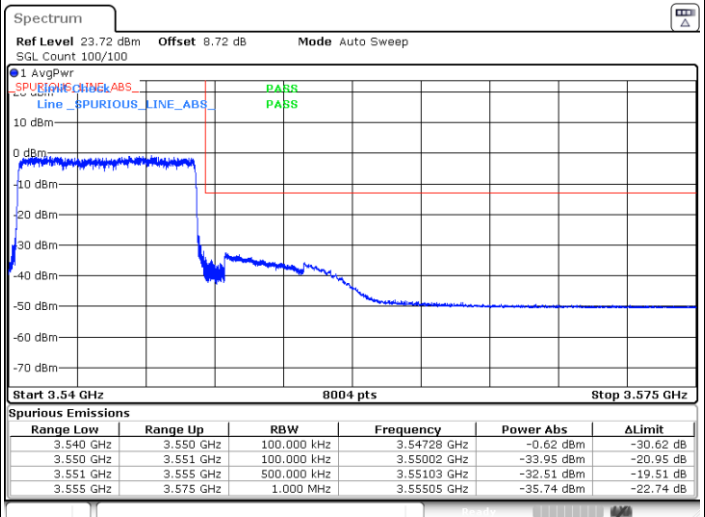
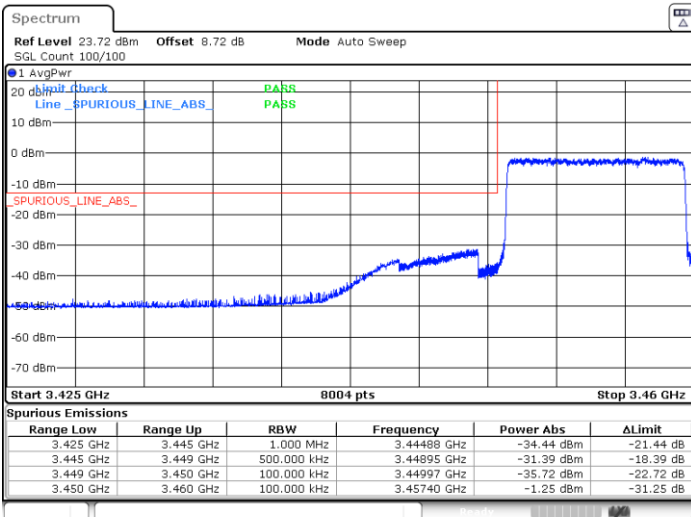


Date: 24.FEB.2023 02:46:56

Date: 24.FEB.2023 02:54:49

Lowest Channel / FullRB

Highest Channel / FullRB



Date: 24.FEB.2023 02:48:28

Date: 24.FEB.2023 02:55:20

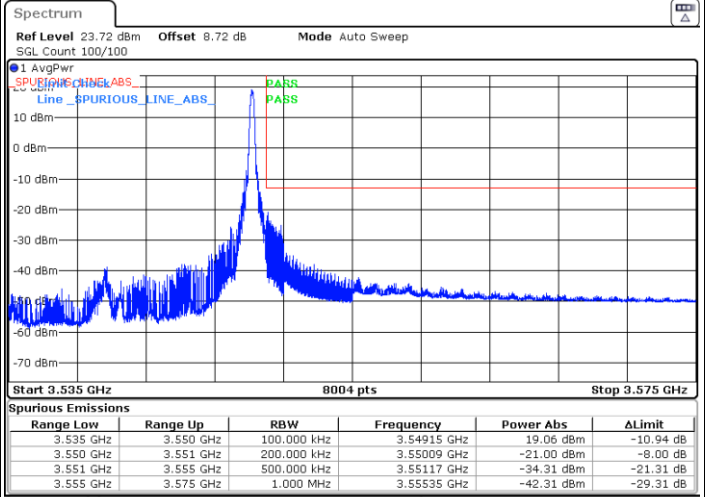
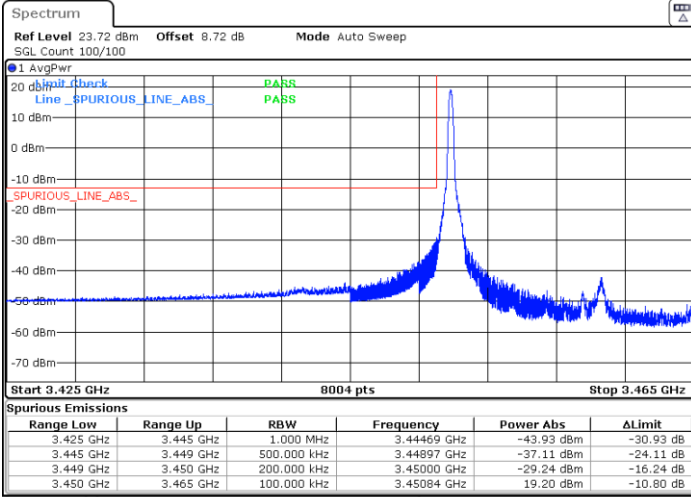


LTE Band 42 / 15MHz

QPSK

Lowest Channel / 1RB0

Highest Channel / 1RBmax

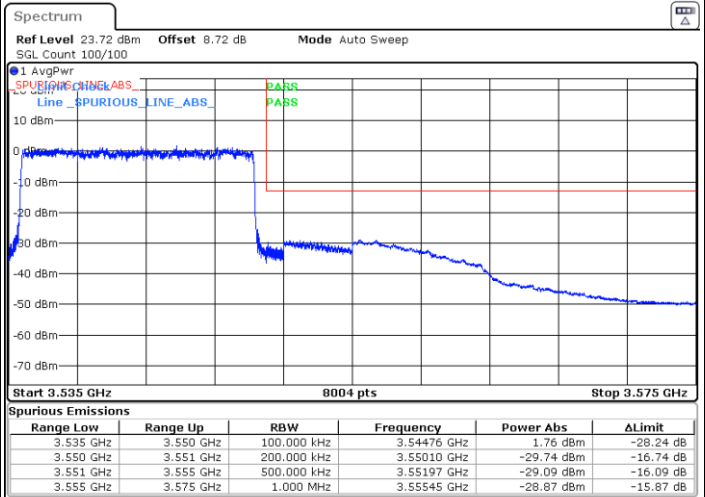
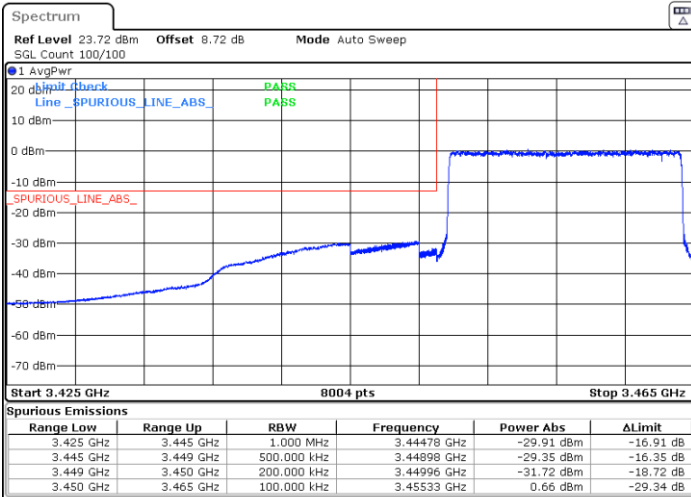


Date: 24.FEB.2023 03:04:46

Date: 24.FEB.2023 03:14:44

Lowest Channel / FullRB

Highest Channel / FullRB



Date: 24.FEB.2023 03:09:38

Date: 24.FEB.2023 03:10:21

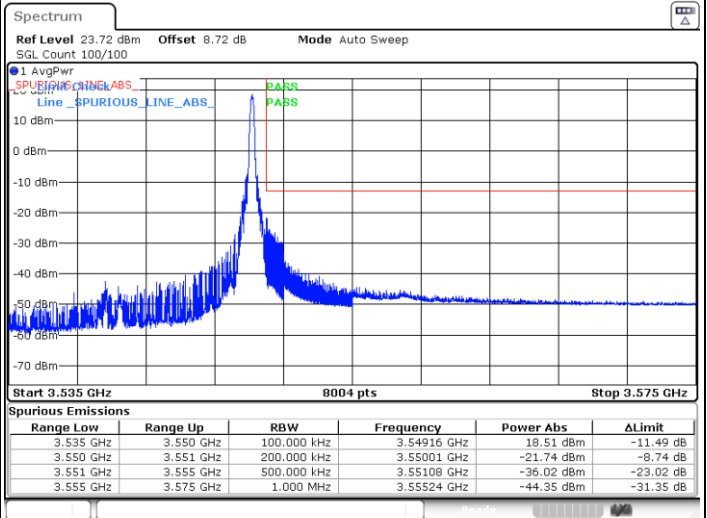
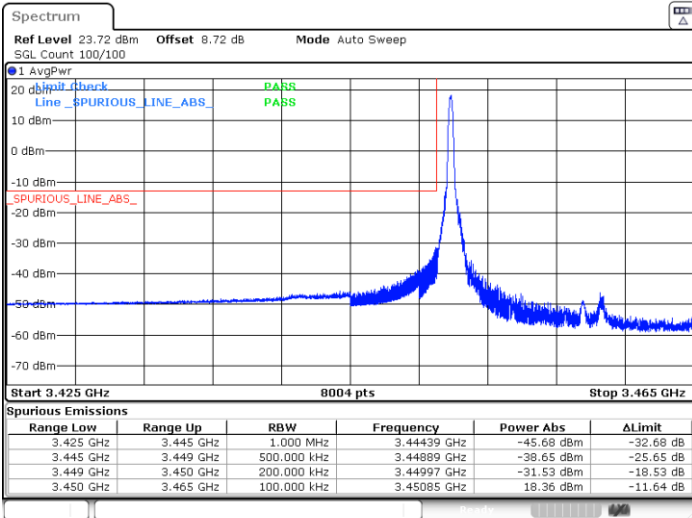


LTE Band 42 / 15MHz

16QAM

Lowest Channel / 1RB0

Highest Channel / 1RBmax

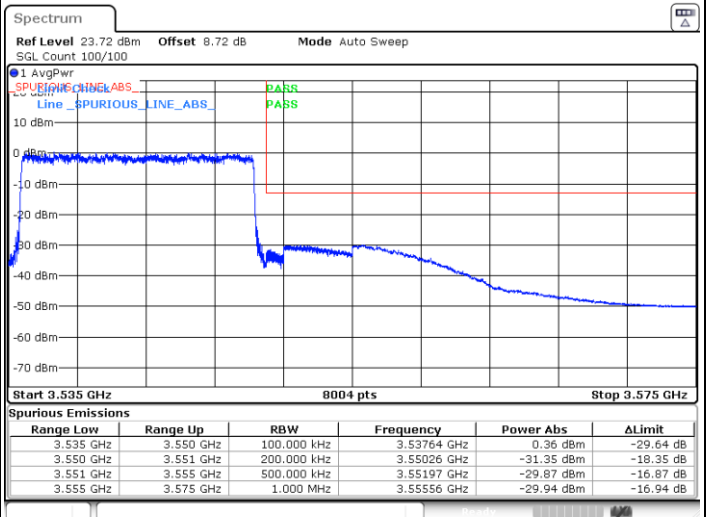
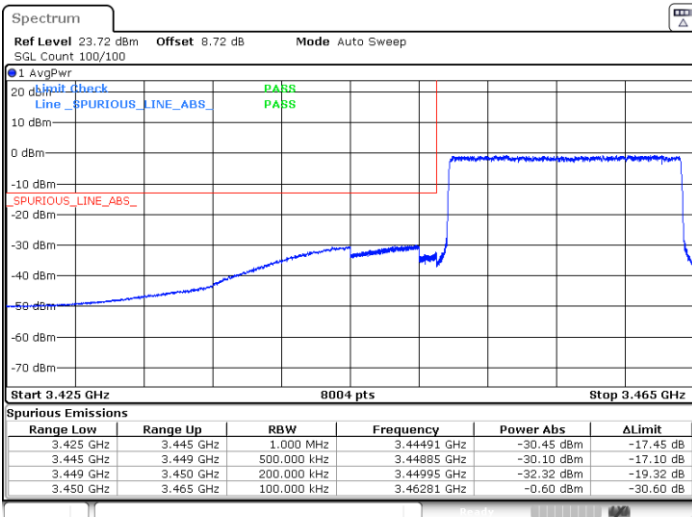


Date: 24.FEB.2023 03:05:31

Date: 24.FEB.2023 03:14:04

Lowest Channel / FullRB

Highest Channel / FullRB



Date: 24.FEB.2023 03:08:57

Date: 24.FEB.2023 03:10:55

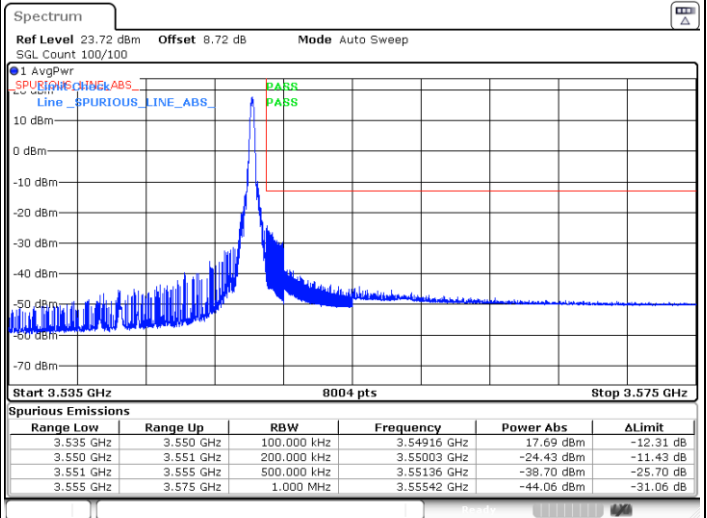
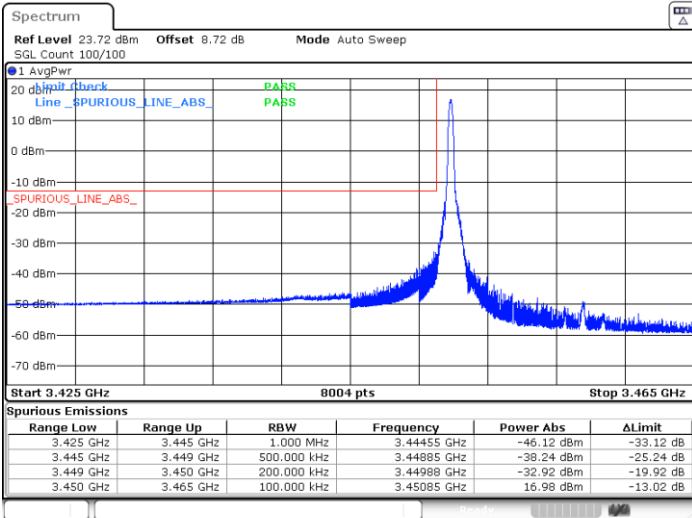


LTE Band 42 / 15MHz

64QAM

Lowest Channel / 1RB0

Highest Channel / 1RBmax

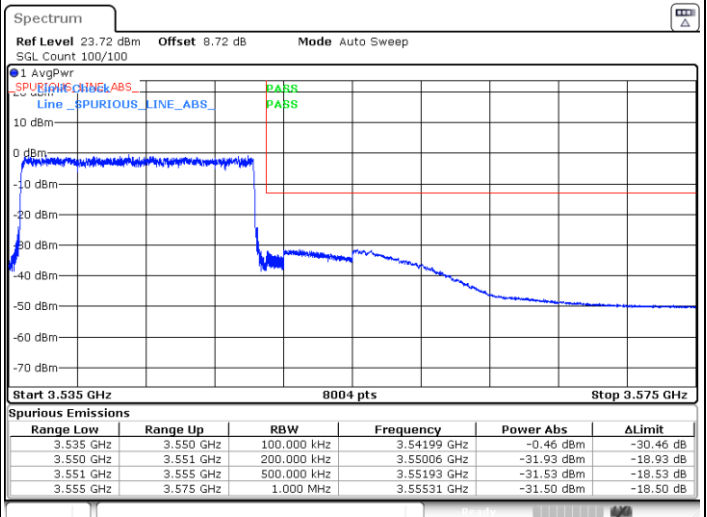
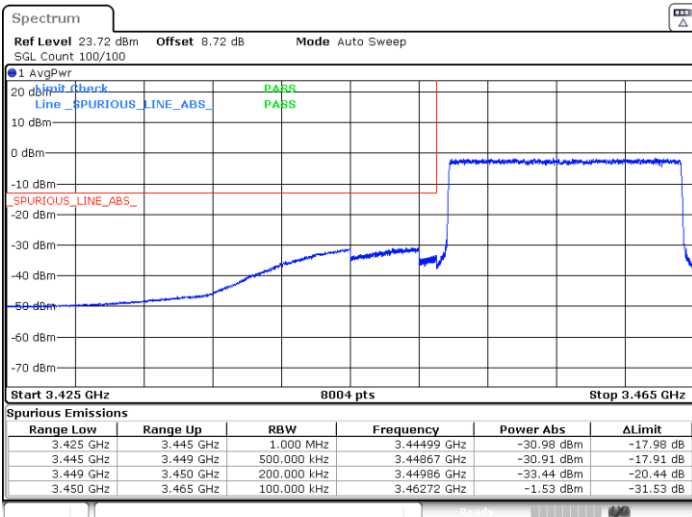


Date: 24.FEB.2023 03:06:12

Date: 24.FEB.2023 03:13:28

Lowest Channel / FullRB

Highest Channel / FullRB



Date: 24.FEB.2023 03:08:16

Date: 24.FEB.2023 03:11:48

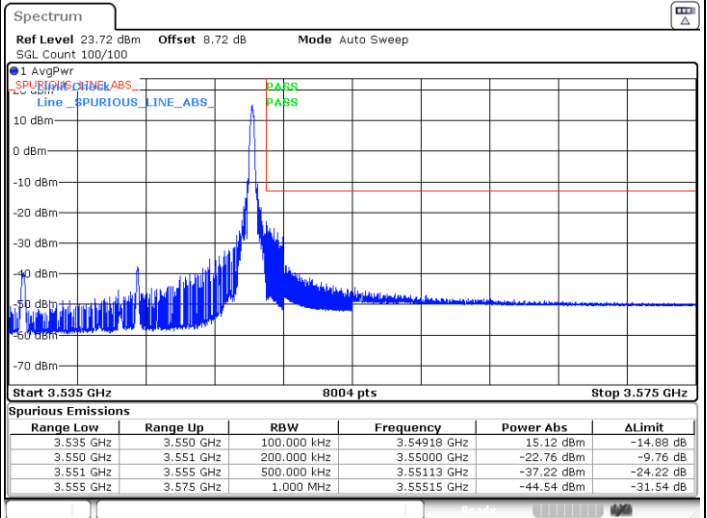
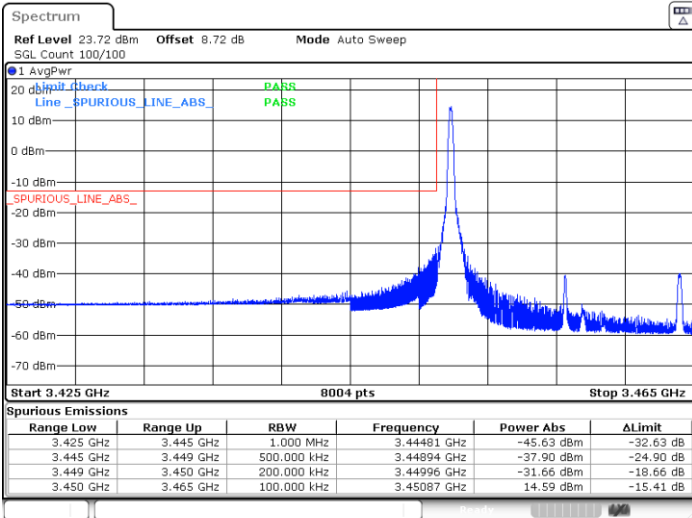


LTE Band 42 / 15MHz

256QAM

Lowest Channel / 1RB0

Highest Channel / 1RBmax

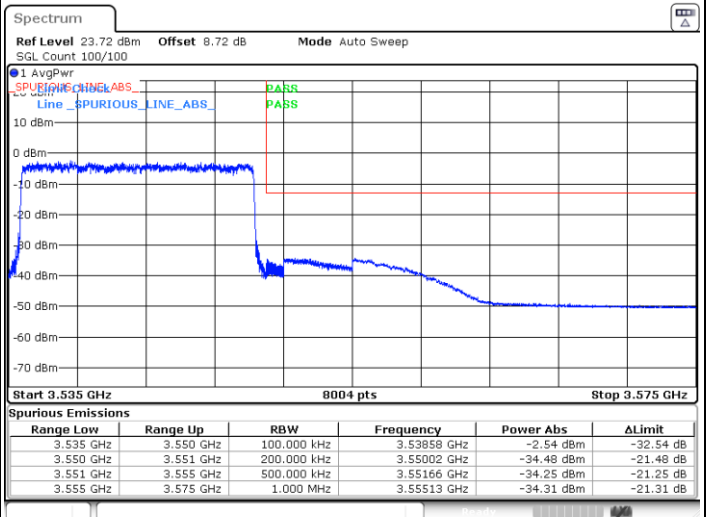
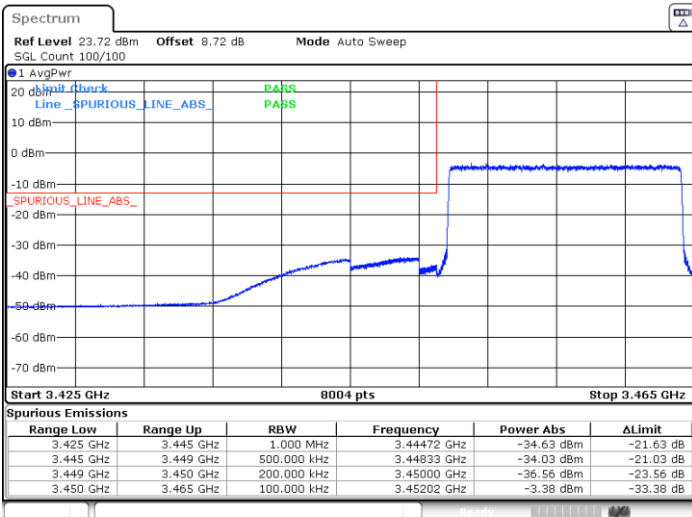


Date: 24.FEB.2023 03:06:54

Date: 24.FEB.2023 03:12:56

Lowest Channel / FullRB

Highest Channel / FullRB



Date: 24.FEB.2023 03:07:35

Date: 24.FEB.2023 03:12:21

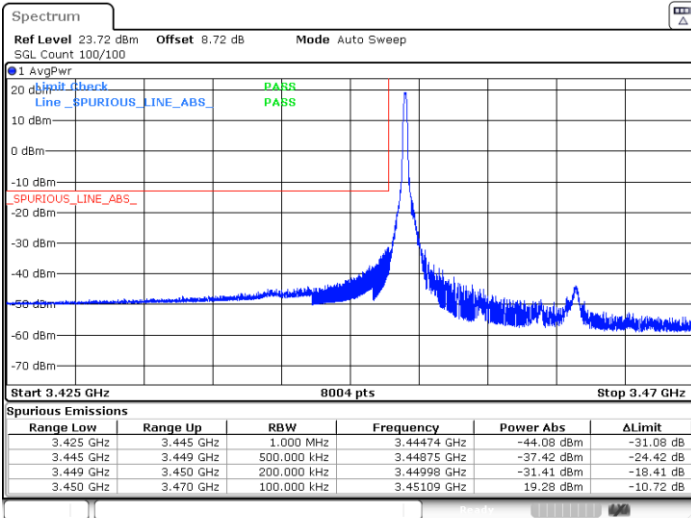


LTE Band 42 / 20MHz

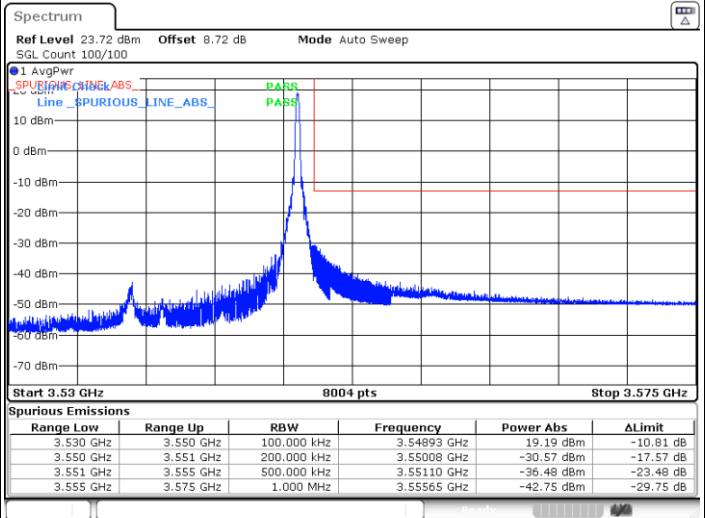
QPSK

Lowest Channel / 1RB0

Highest Channel / 1RBmax



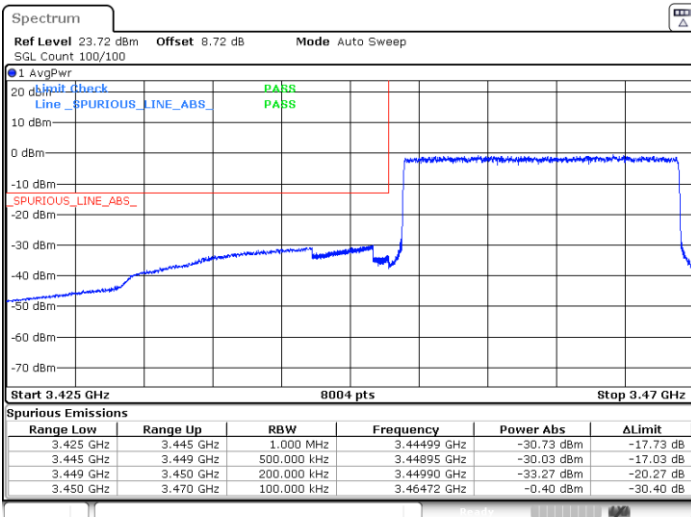
Date: 24.FEB.2023 03:36:13



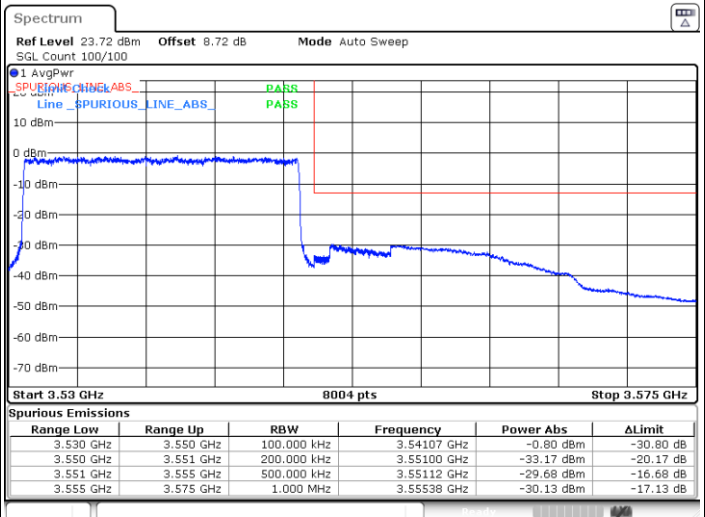
Date: 24.FEB.2023 03:39:01

Lowest Channel / FullRB

Highest Channel / FullRB



Date: 24.FEB.2023 03:30:31



Date: 24.FEB.2023 03:43:40

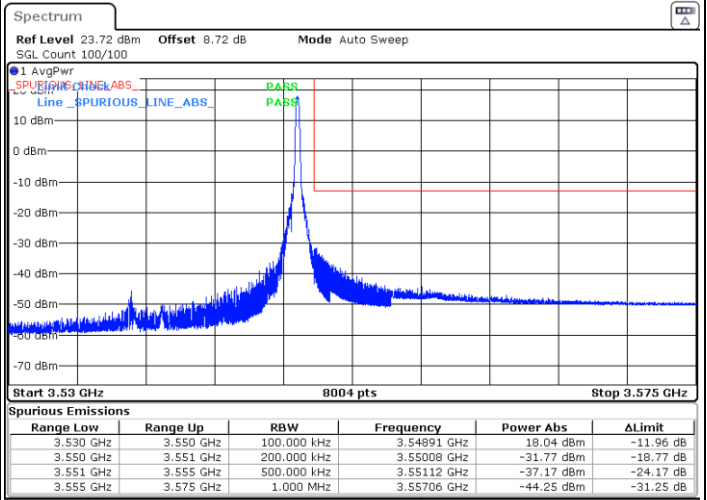
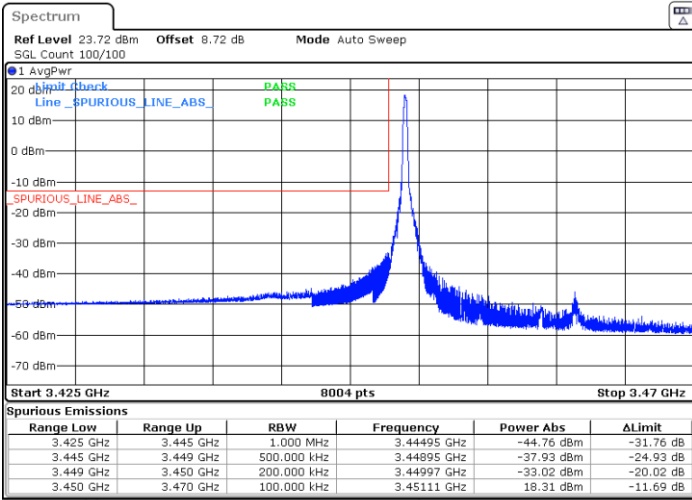


LTE Band 42 / 20MHz

16QAM

Lowest Channel / 1RB0

Highest Channel / 1RBmax

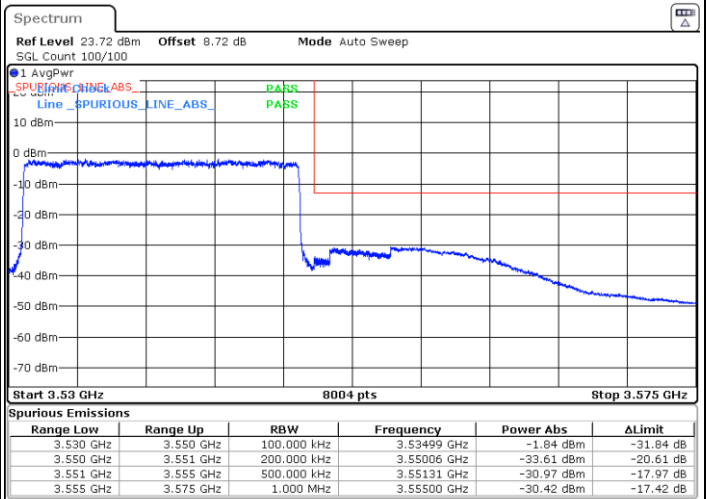
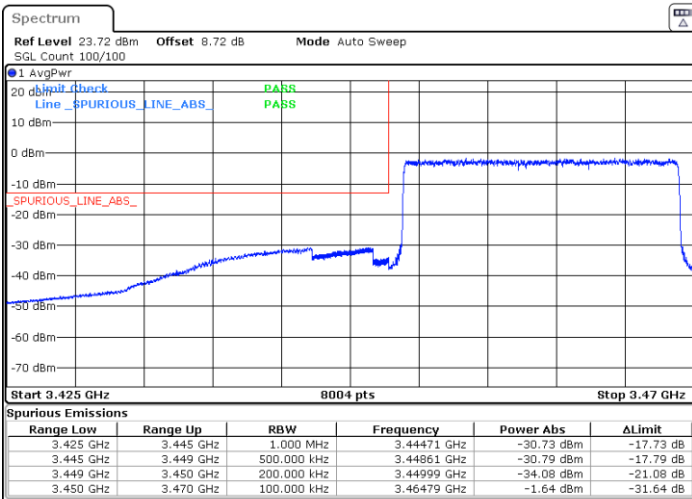


Date: 24.FEB.2023 03:35:24

Date: 24.FEB.2023 03:39:39

Lowest Channel / FullRB

Highest Channel / FullRB



Date: 24.FEB.2023 03:31:34

Date: 24.FEB.2023 03:43:04

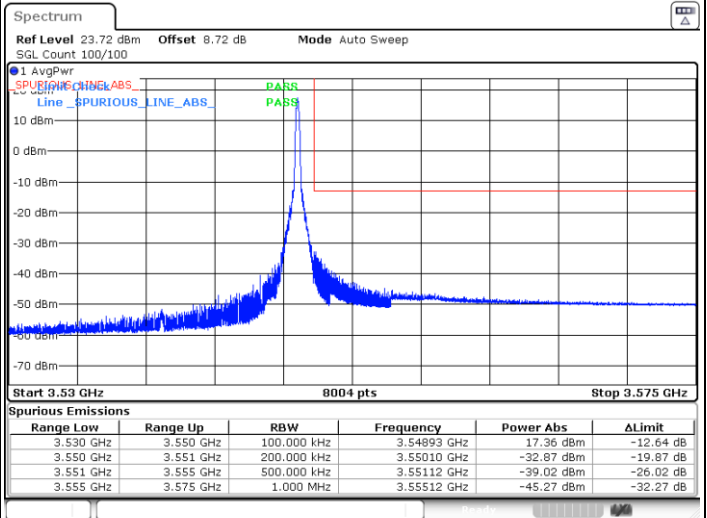
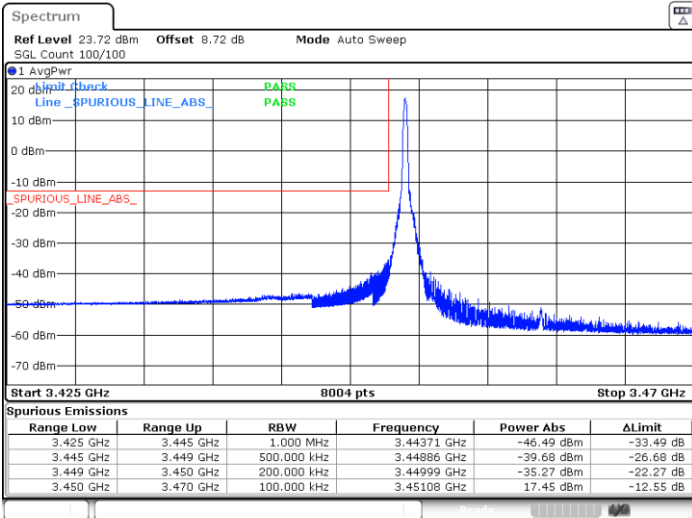


LTE Band 42 / 20MHz

64QAM

Lowest Channel / 1RB0

Highest Channel / 1RBmax

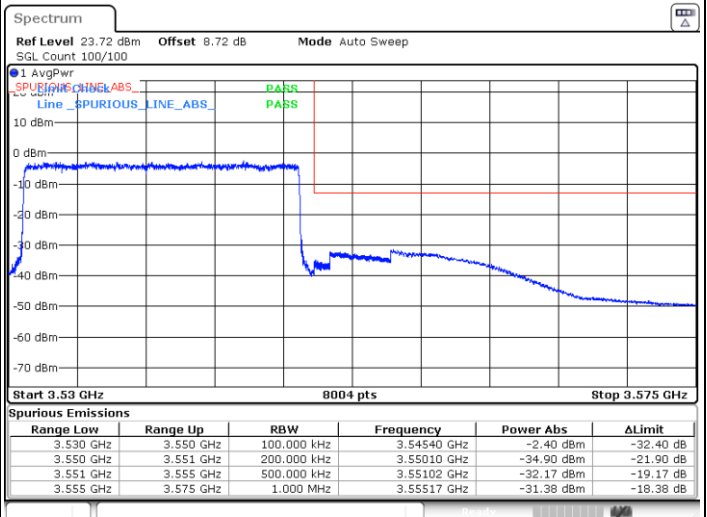
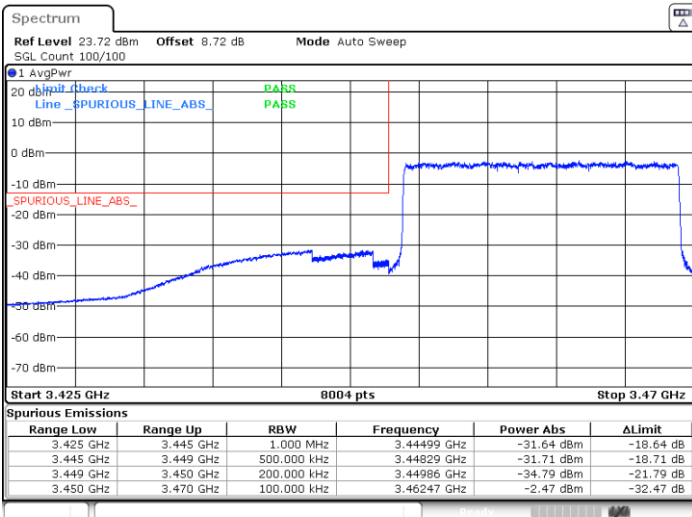


Date: 24.FEB.2023 03:34:40

Date: 24.FEB.2023 03:40:14

Lowest Channel / FullRB

Highest Channel / FullRB



Date: 24.FEB.2023 03:32:22

Date: 24.FEB.2023 03:42:30

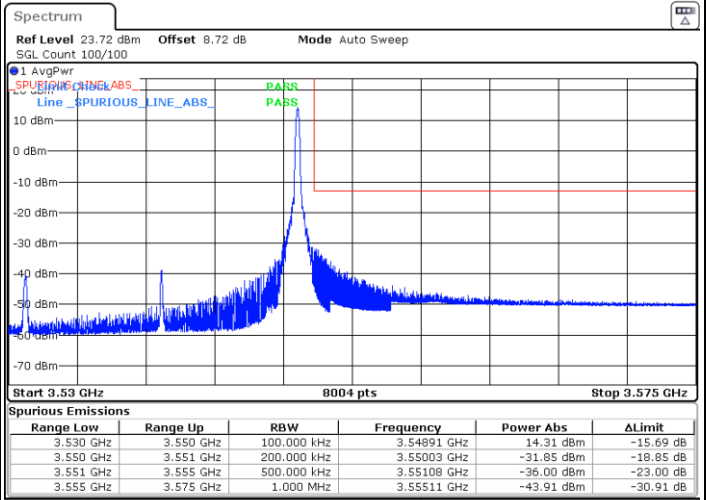
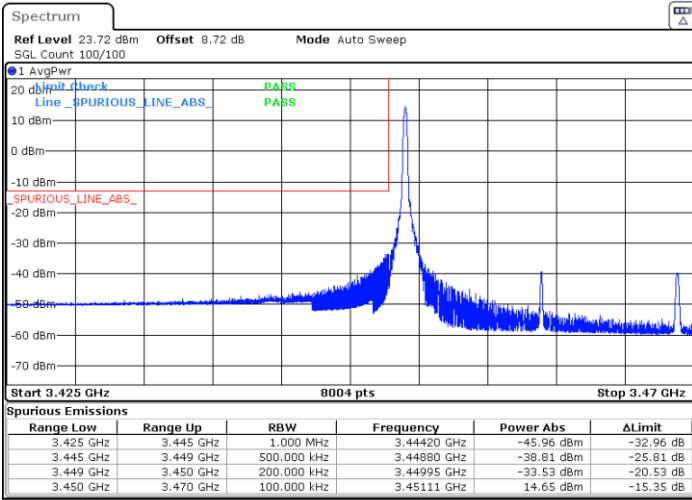


LTE Band 42 / 20MHz

256QAM

Lowest Channel / 1RB0

Highest Channel / 1RBmax

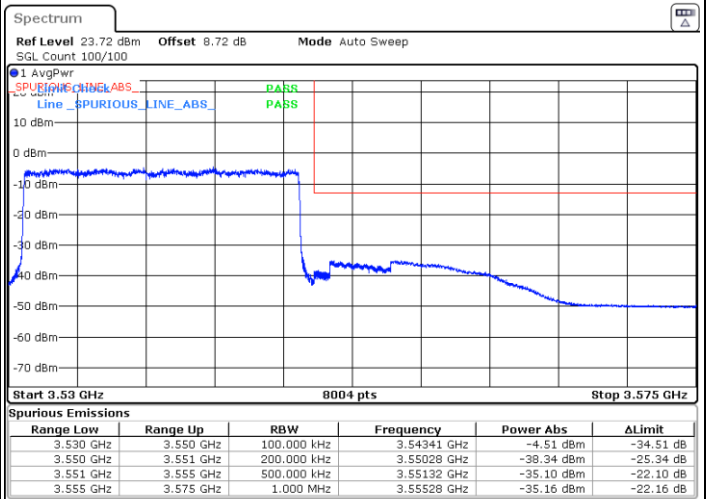
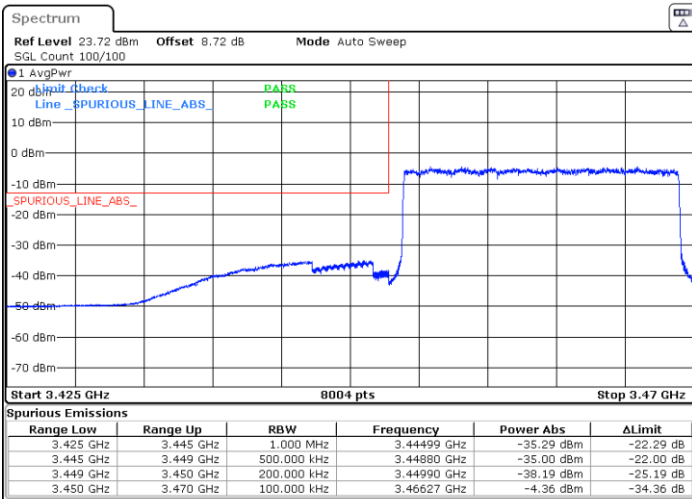


Date: 24.FEB.2023 03:33:50

Date: 24.FEB.2023 03:40:53

Lowest Channel / FullRB

Highest Channel / FullRB



Date: 24.FEB.2023 03:33:07

Date: 24.FEB.2023 03:41:45



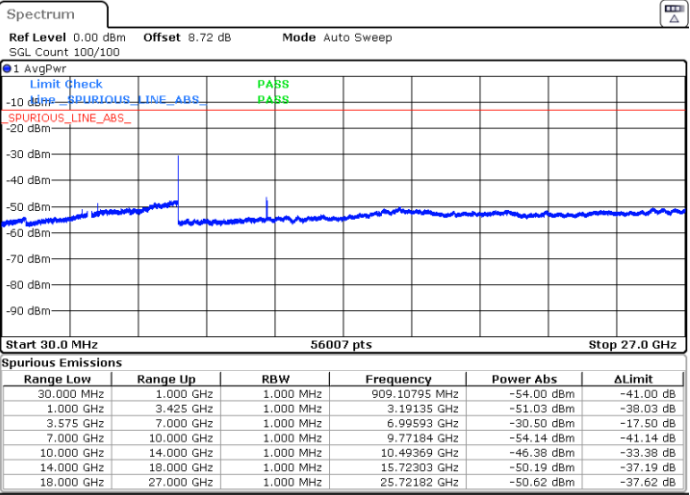
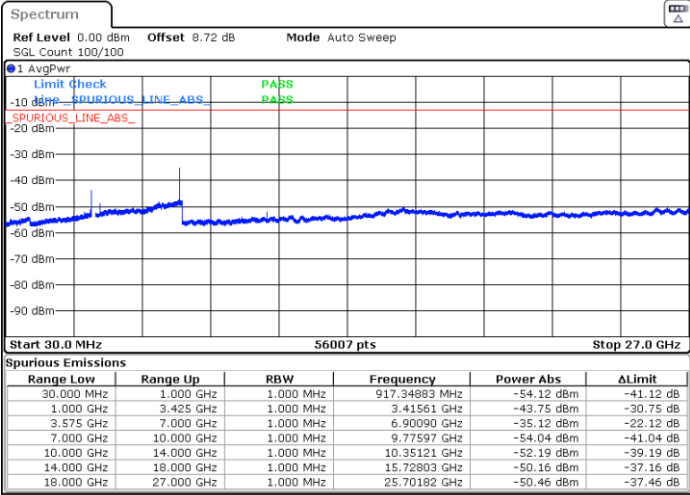
Conducted Spurious Emission

LTE Band 42/ 5MHz

QPSK / 1RB0

Lowest Channel

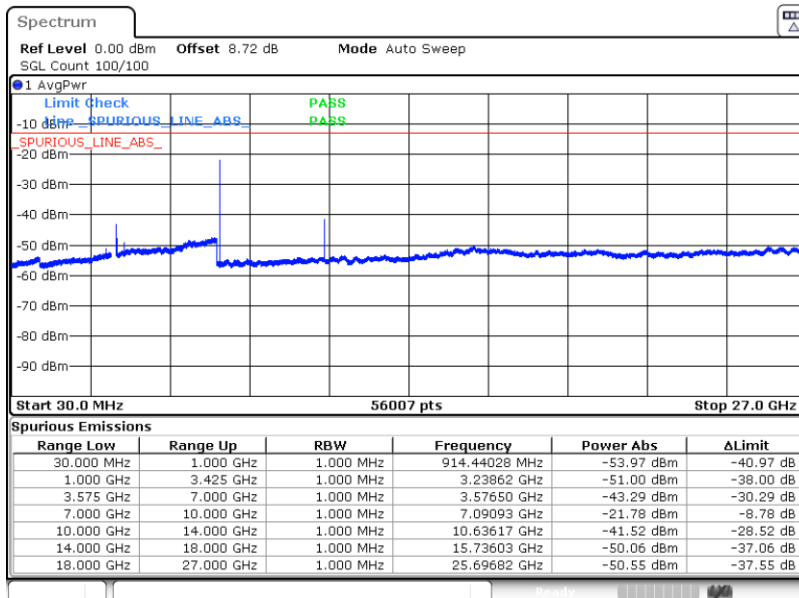
Middle Channel



Date: 24.FEB.2023 02:18:38

Date: 24.FEB.2023 02:20:02

Highest Channel



Date: 24.FEB.2023 02:21:26

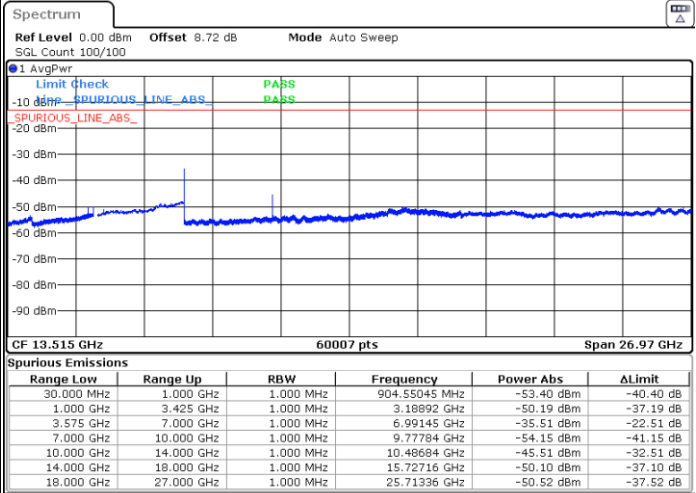
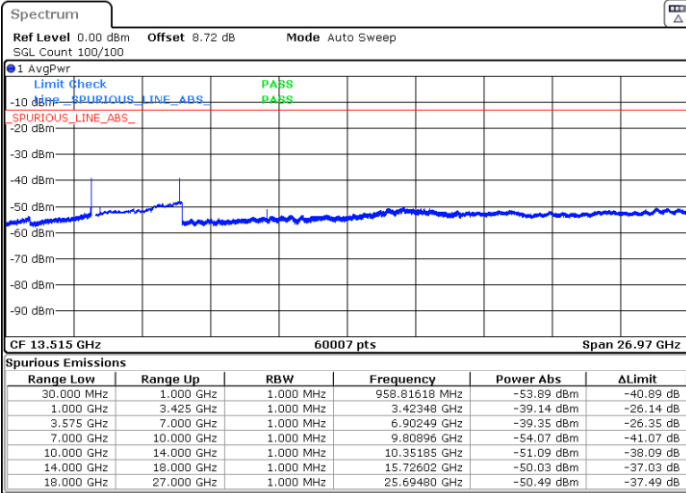


LTE Band 42/ 10MHz

QPSK / 1RB0

Lowest Channel

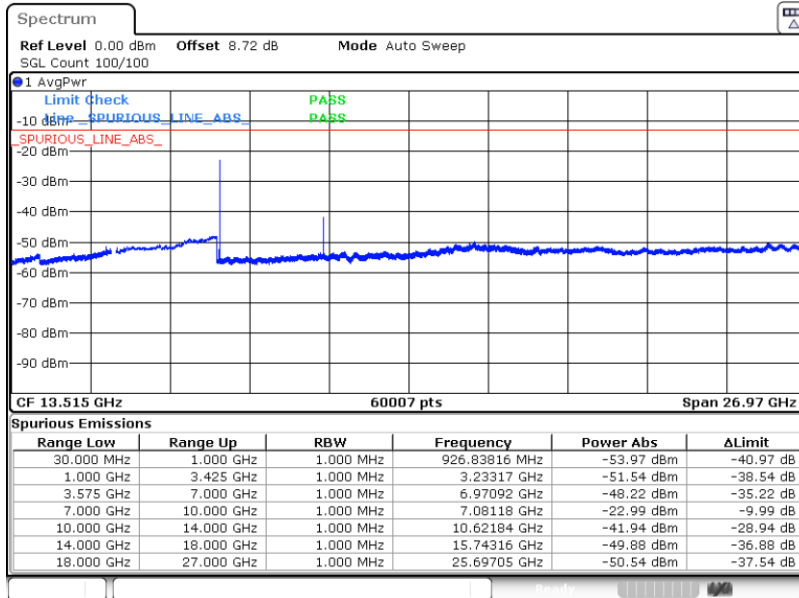
Middle Channel



Date: 24.FEB.2023 02:51:05

Date: 24.FEB.2023 02:42:14

Highest Channel



Date: 24.FEB.2023 02:52:16

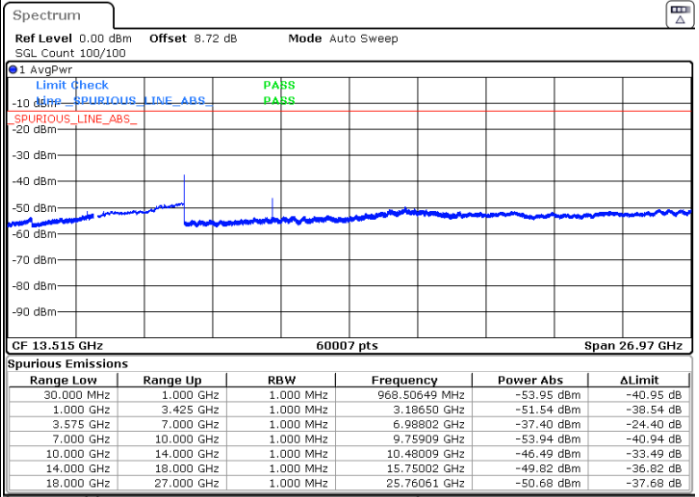
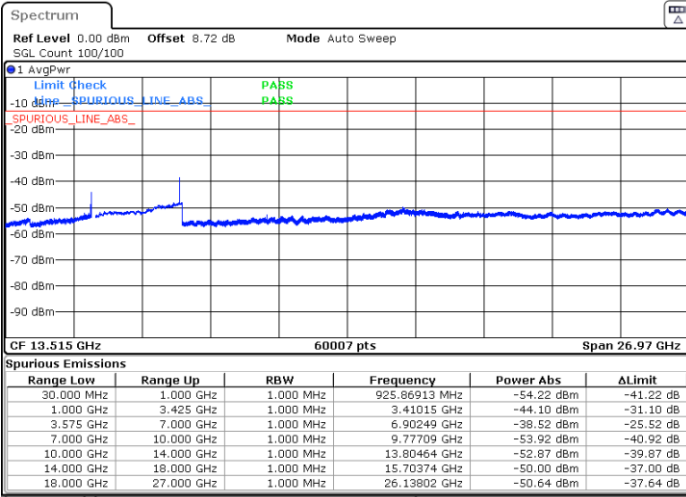


LTE Band 42/ 15MHz

QPSK / 1RB0

Lowest Channel

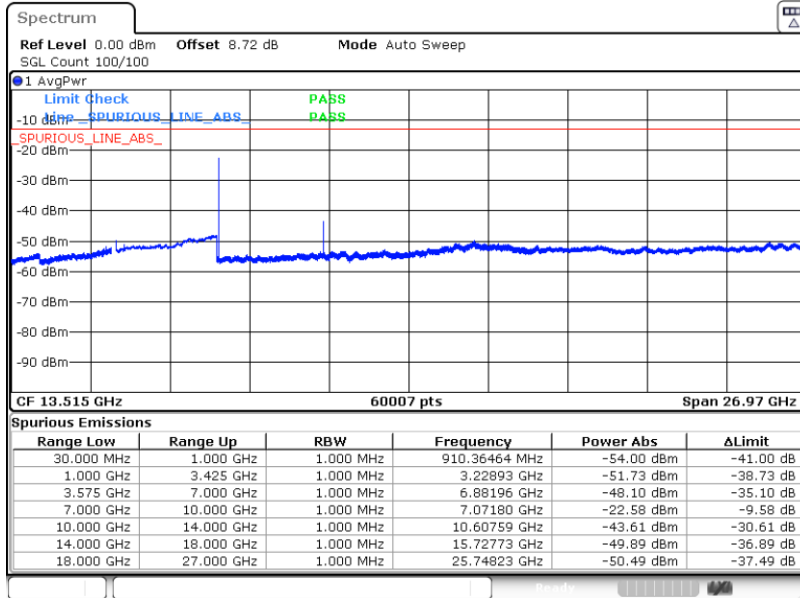
Middle Channel



Date: 24.FEB.2023 03:04:04

Date: 24.FEB.2023 03:02:35

Highest Channel



Date: 24.FEB.2023 03:16:07

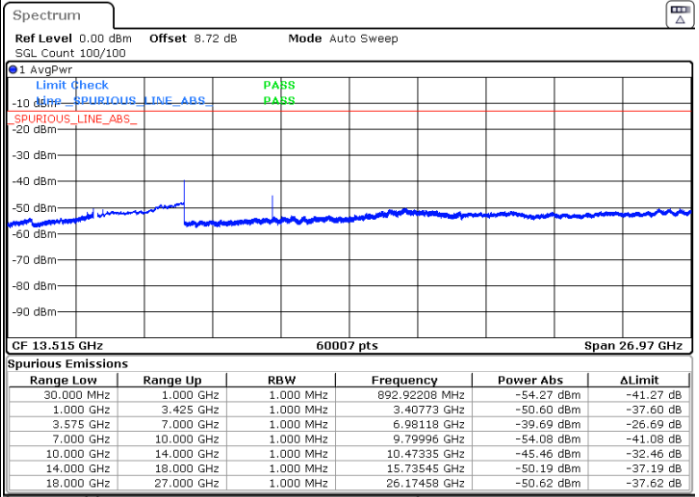
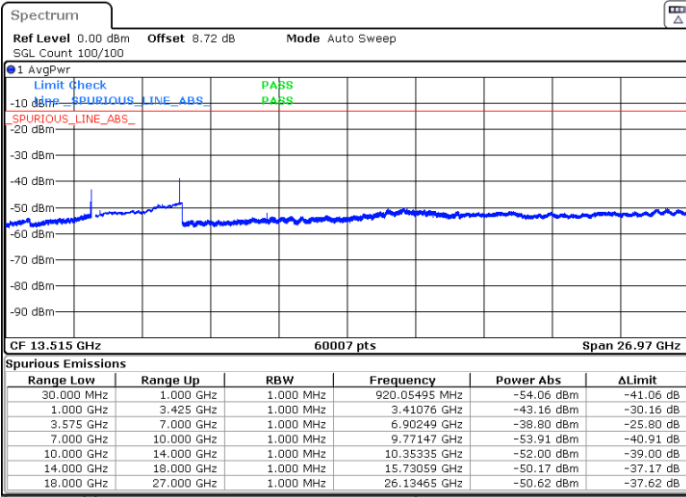


LTE Band 42/ 20MHz

QPSK / 1RB0

Lowest Channel

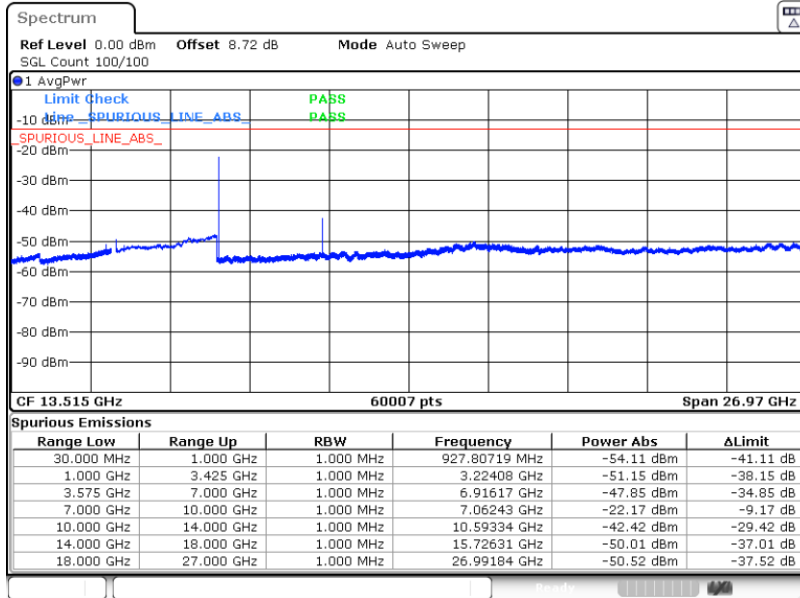
Middle Channel



Date: 24.FEB.2023 03:37:12

Date: 24.FEB.2023 03:17:29

Highest Channel



Date: 24.FEB.2023 03:38:21

Frequency Stability

Test Conditions		LTE Band 42 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 5MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0011	PASS
40	Normal Voltage	0.0018	
30	Normal Voltage	0.0014	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0024	
0	Normal Voltage	0.0031	
-10	Normal Voltage	0.0025	
-20	Normal Voltage	0.0020	
-30	Normal Voltage	0.0021	
20	Maximum Voltage	0.0019	
20	Normal Voltage	0.0002	
20	Battery End Point	0.0016	

Note:

1. Normal Voltage =3.86 ; Battery End Point (BEP) =3.6 ; Maximum Voltage =4.43
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



Appendix B. Test Results of Radiated Test

Radiated Spurious Emission

Test Engineer :	Carry Xu	Temperature :	23~25°C
		Relative Humidity :	41~42%

LTE Band 42 / 20MHz / QPSK / ANT3								
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	6984	-62.43	-13	-49.43	-72.64	3.03	13.24	H
	10476	-60.90	-13	-47.90	-70.35	3.56	13.01	H
	13968	-59.81	-13	-46.81	-69.33	3.92	13.44	H
	6984	-62.51	-13	-49.51	-72.72	3.03	13.24	V
	10476	-61.33	-13	-48.33	-70.78	3.56	13.01	V
	13968	-60.13	-13	-47.13	-69.65	3.92	13.44	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.