

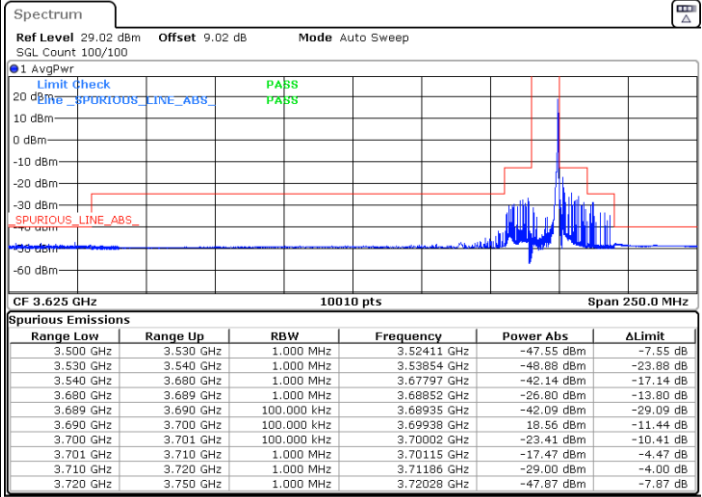
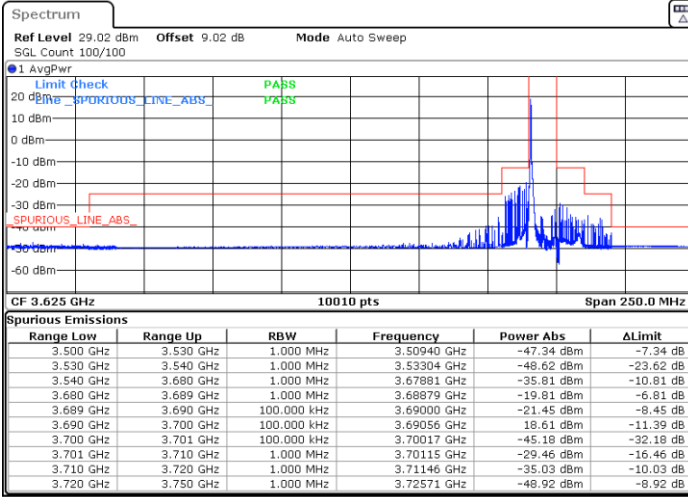


LTE Band 48 / 10MHz

64QAM

Highest Channel / 1RB0

Highest Channel / 1RBmax

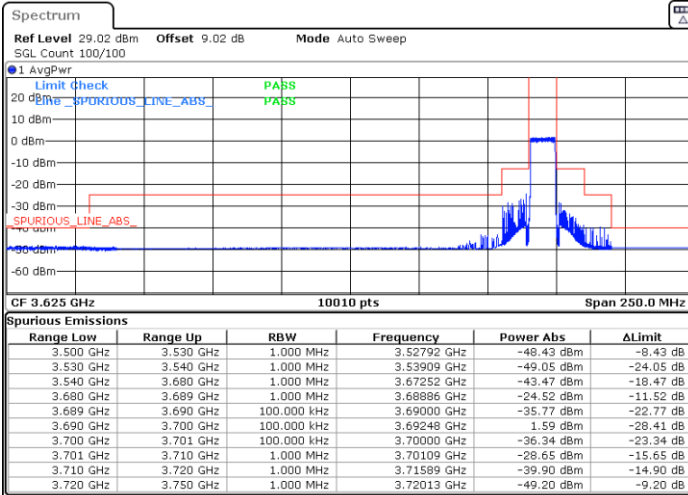


Date: 20.SEP.2023 00:08:00

Date: 20.SEP.2023 00:15:54

Highest Channel / Full RB

N/A



Date: 20.SEP.2023 00:23:48

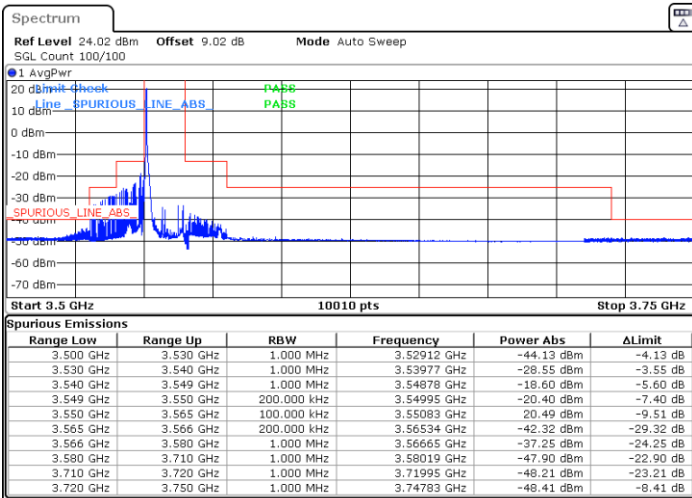


LTE Band 48 / 15MHz

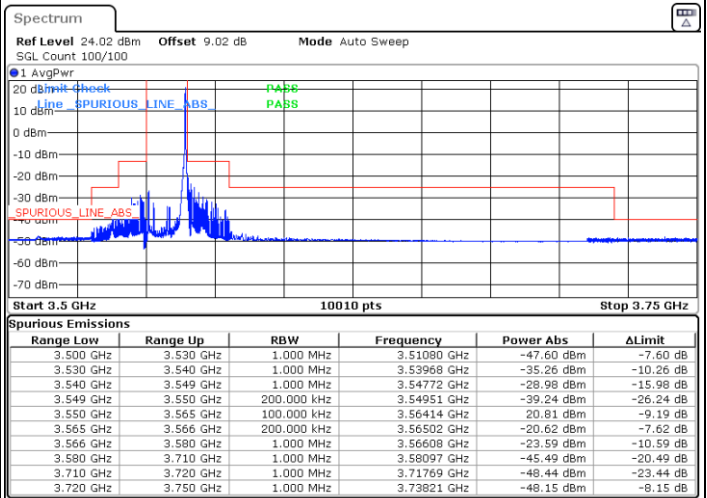
QPSK

Lowest Channel / 1RB0

Lowest Channel / 1RBmax



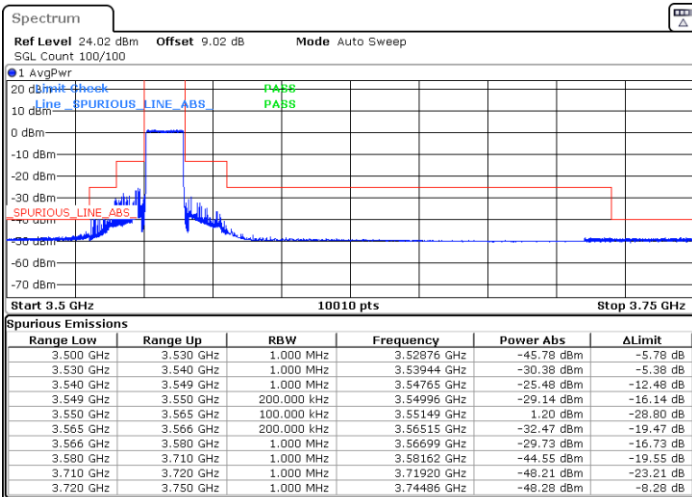
Date: 20.SEP.2023 00:26:21



Date: 20.SEP.2023 00:33:59

Lowest Channel / Full RB

N/A



Date: 20.SEP.2023 00:41:37

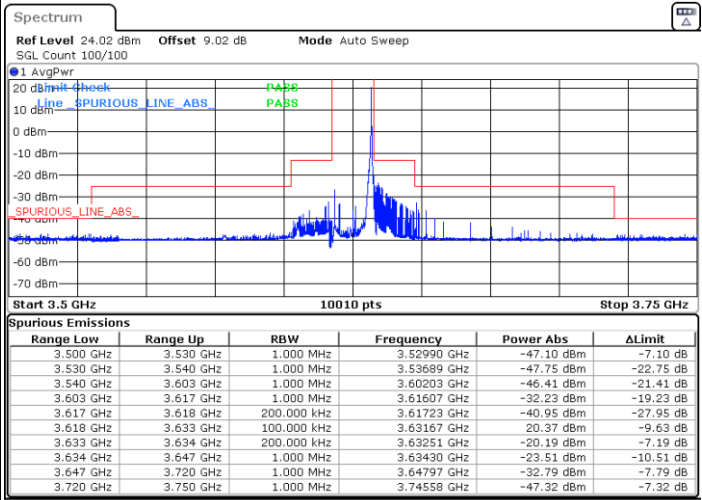
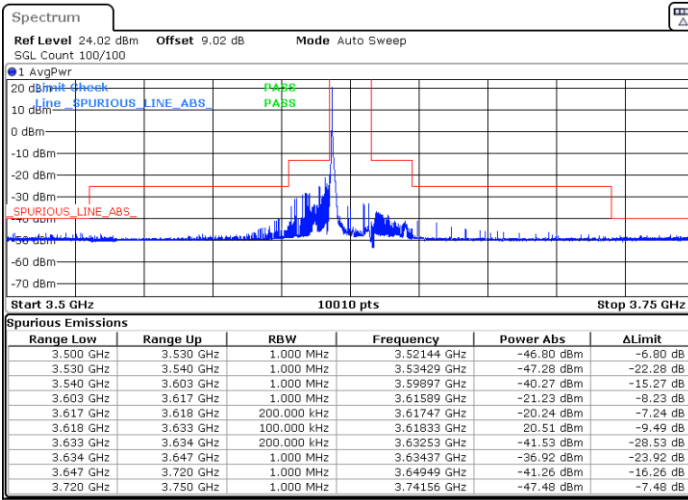


LTE Band 48 / 15MHz

QPSK

Middle Channel / 1RB0

Middle Channel / 1RBmax

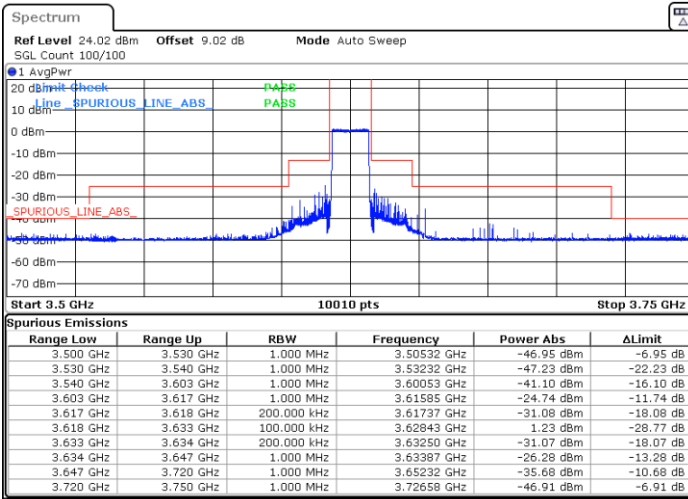


Date: 20.SEP.2023 00:49:16

Date: 20.SEP.2023 00:56:52

Middle Channel / Full

N/A



Date: 20.SEP.2023 01:04:29

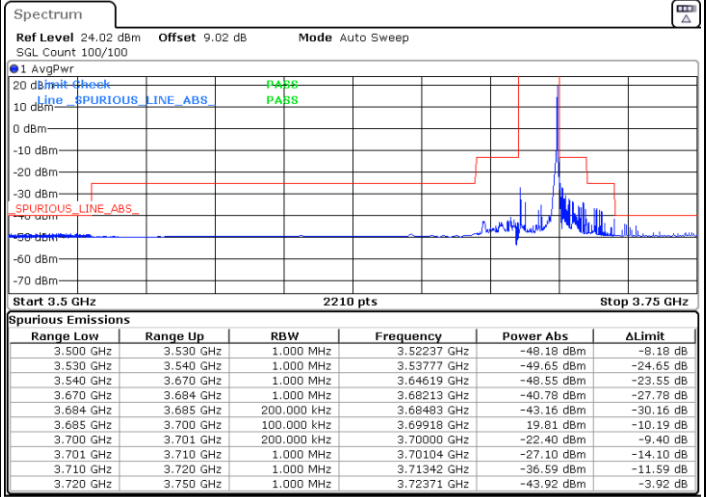
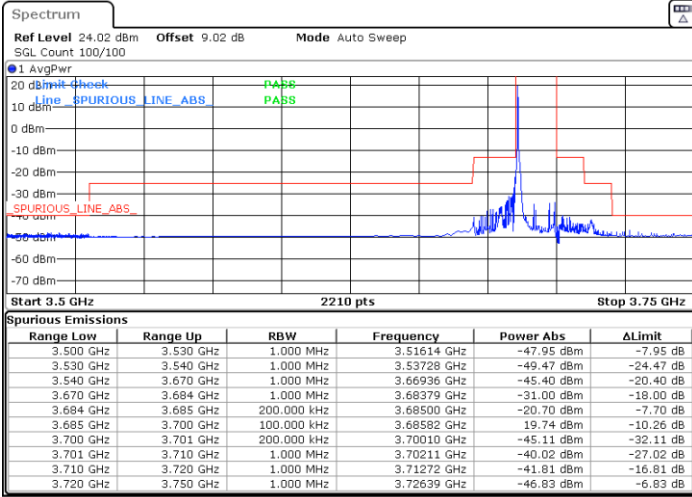


LTE Band 48 / 15MHz

QPSK

Highest Channel / 1RB0

Highest Channel / 1RBmax

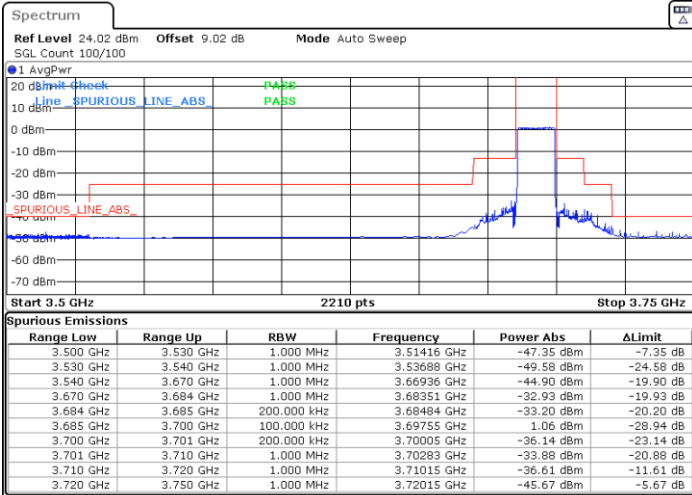


Date: 20.SEP.2023 01:12:05

Date: 20.SEP.2023 01:19:43

Highest Channel / Full RB

N/A



Date: 20.SEP.2023 01:27:22

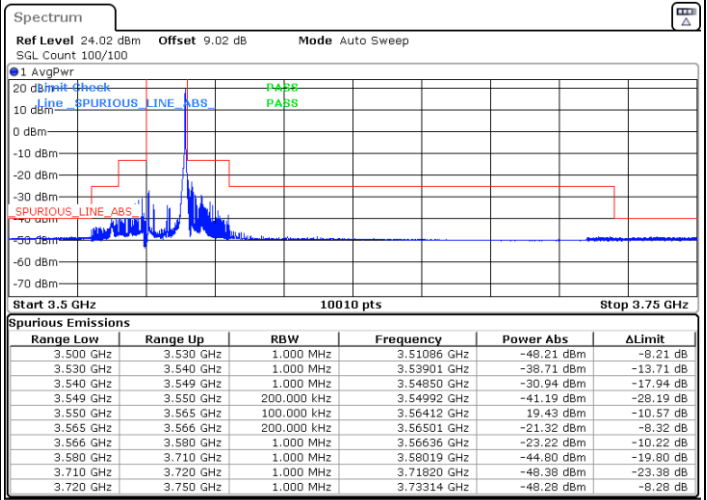
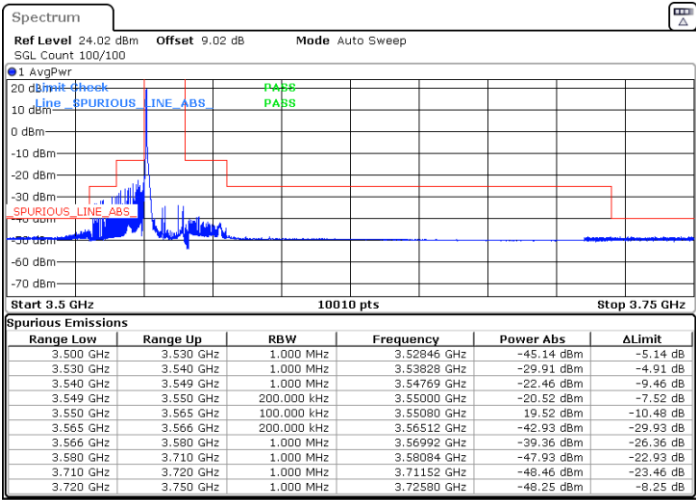


LTE Band 48 / 15MHz

16QAM

Lowest Channel / 1RB0

Lowest Channel / 1RBmax

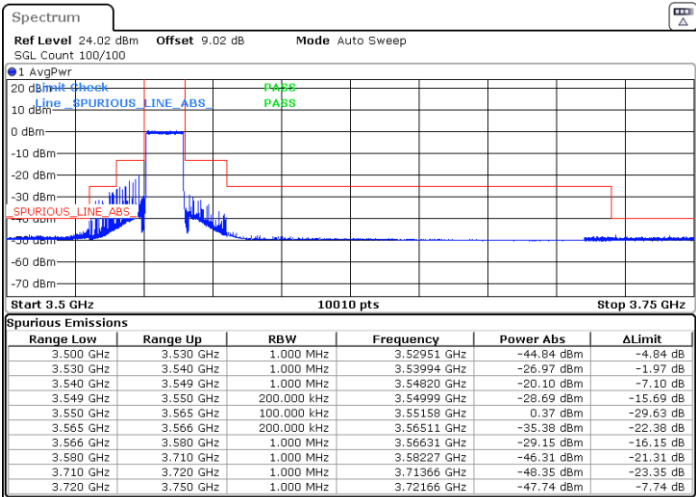


Date: 20.SEP.2023 00:28:54

Date: 20.SEP.2023 00:36:32

Lowest Channel / Full RB

N/A



Date: 20.SEP.2023 02:38:36

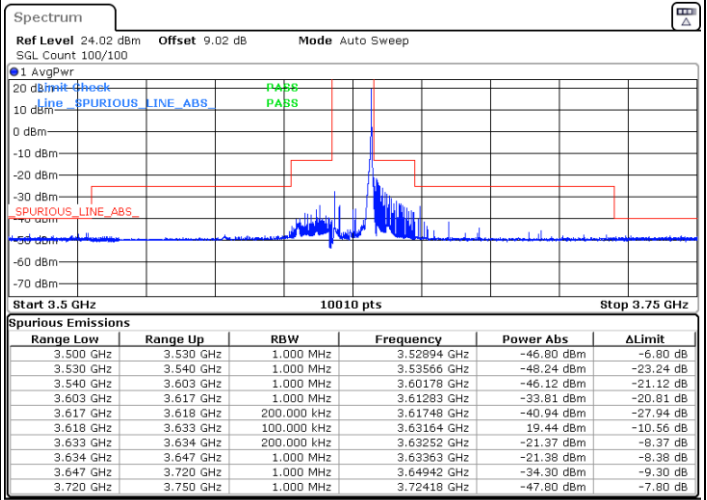
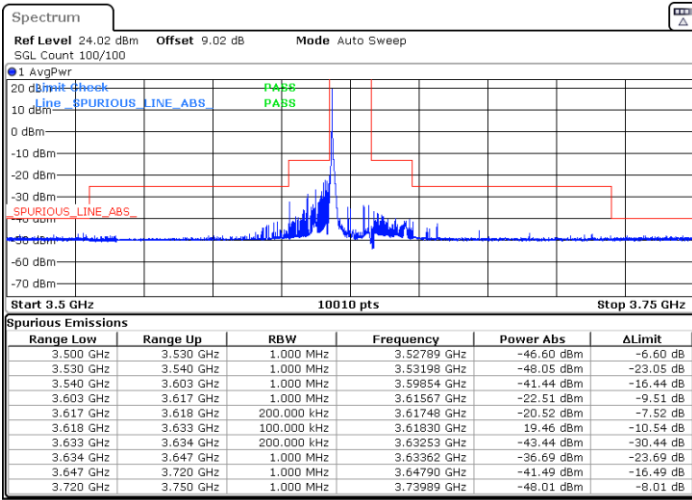


LTE Band 48 / 15MHz

16QAM

Middle Channel / 1RB0

Middle Channel / 1RBmax

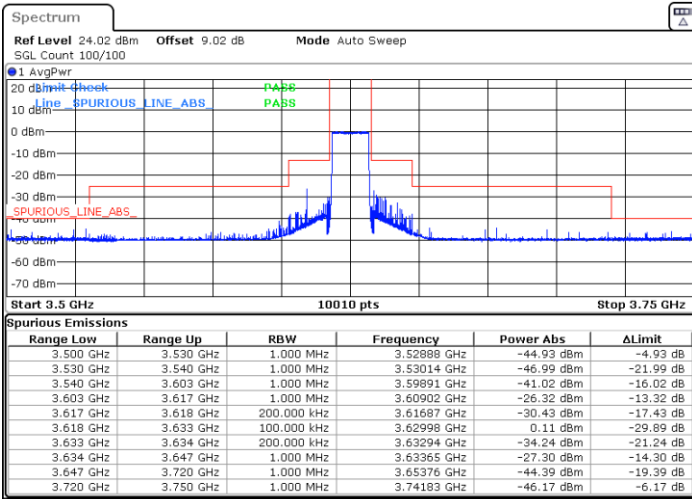


Date: 20.SEP.2023 00:51:48

Date: 20.SEP.2023 00:59:25

Middle Channel / Full

N/A



Date: 20.SEP.2023 01:07:01

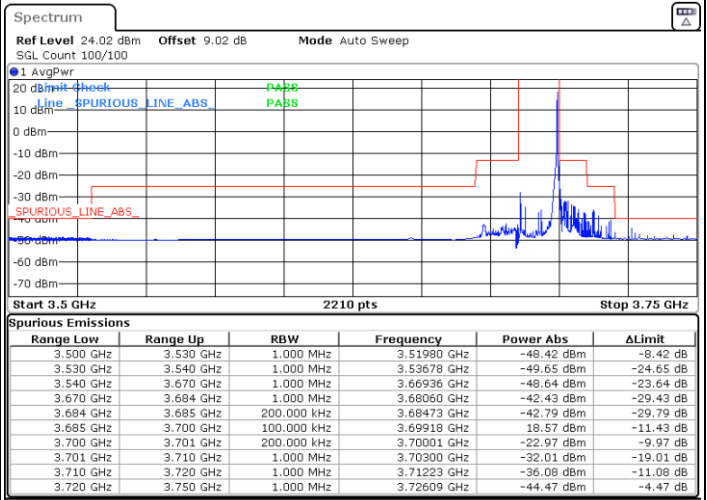
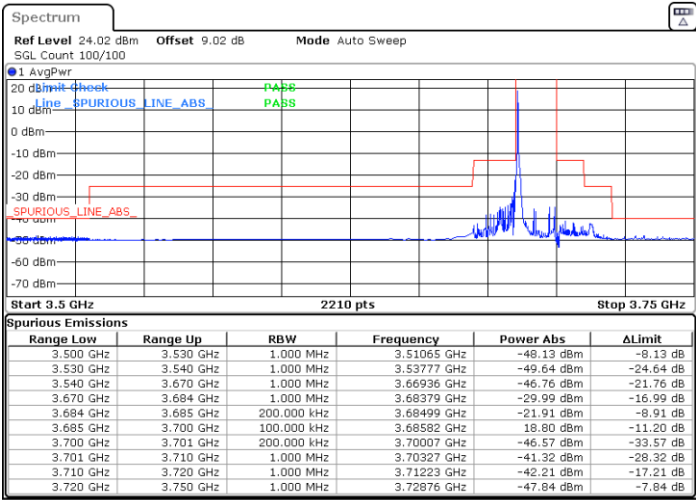


LTE Band 48 / 15MHz

16QAM

Highest Channel / 1RB0

Highest Channel / 1RBmax

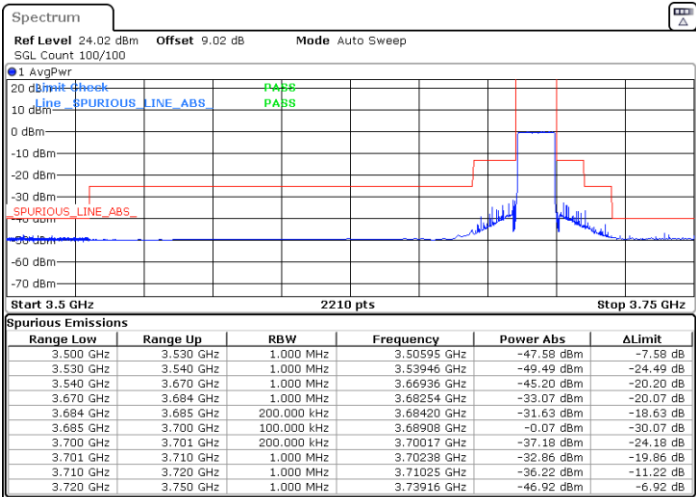


Date: 20.SEP.2023 01:14:38

Date: 20.SEP.2023 01:22:16

Highest Channel / Full RB

N/A



Date: 20.SEP.2023 01:29:54

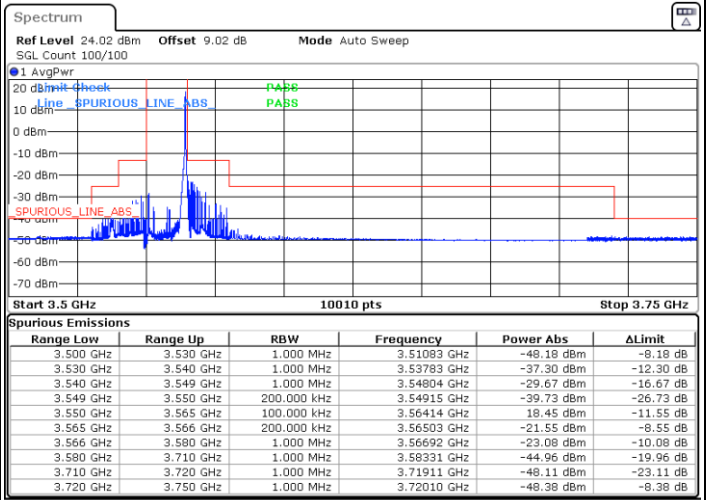
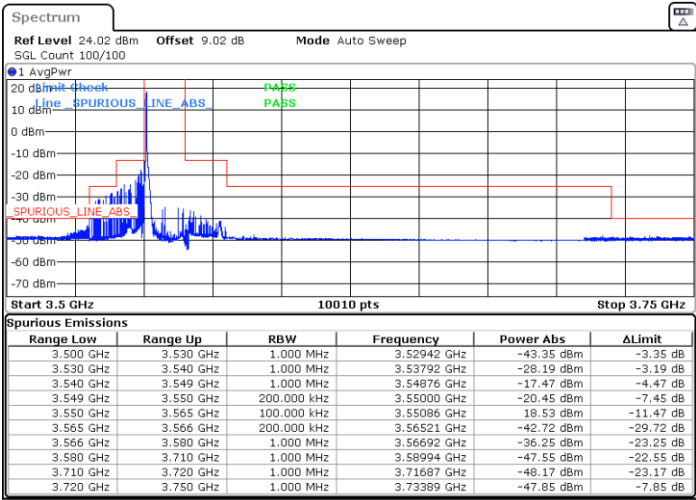


LTE Band 48 / 15MHz

64QAM

Lowest Channel / 1RB0

Lowest Channel / 1RBmax

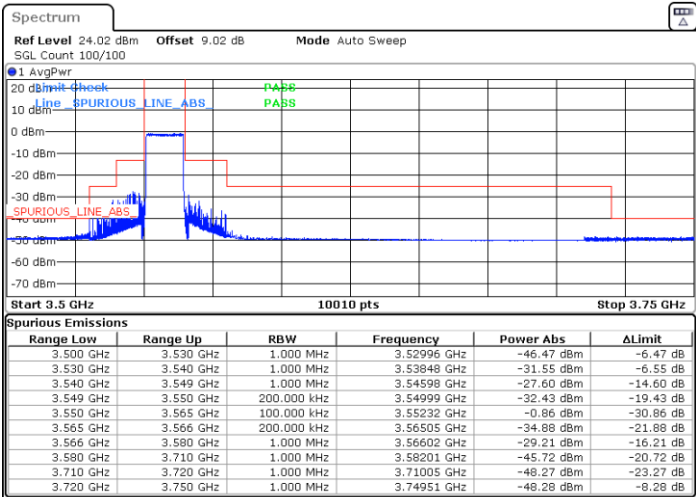


Date: 20.SEP.2023 00:31:26

Date: 20.SEP.2023 00:39:05

Lowest Channel / Full RB

N/A



Date: 20.SEP.2023 00:46:43

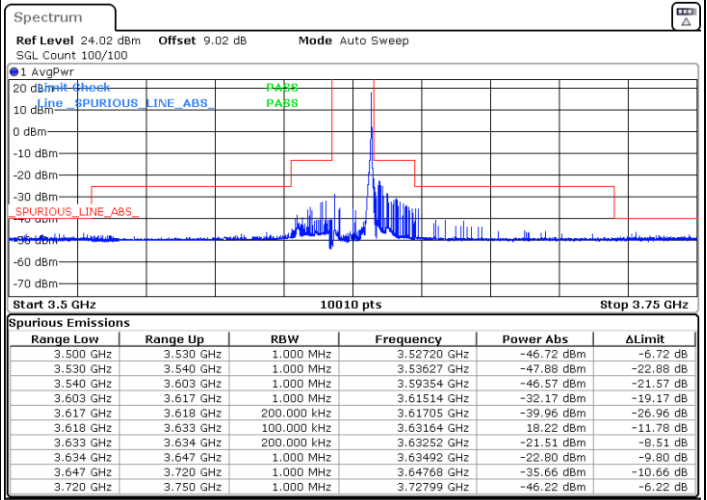
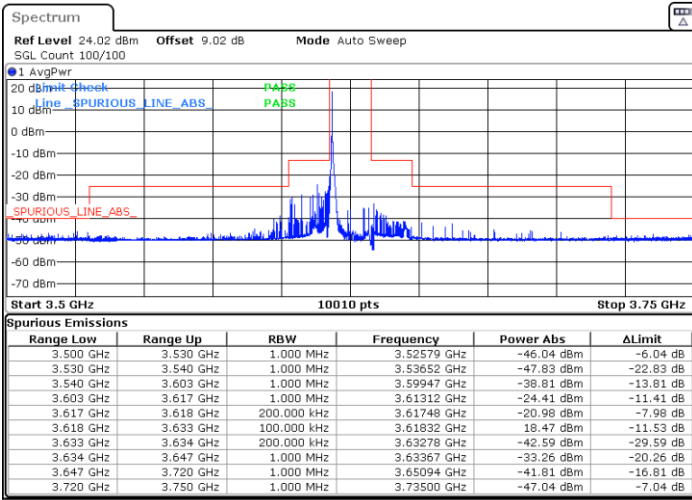


LTE Band 48 / 15MHz

64QAM

Middle Channel / 1RB0

Middle Channel / 1RBmax

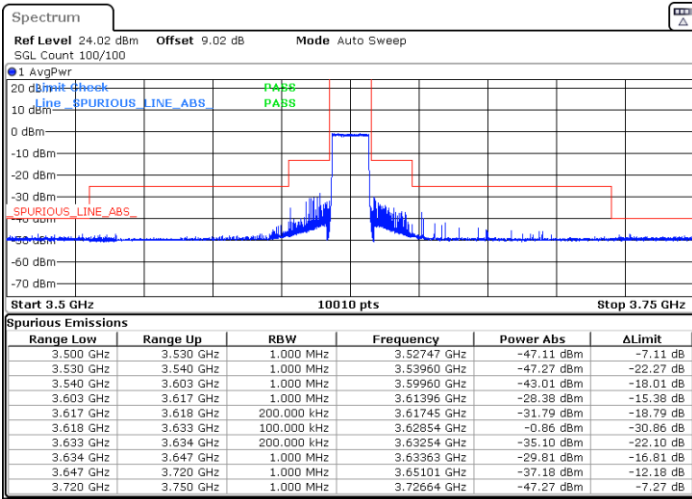


Date: 20.SEP.2023 00:54:20

Date: 20.SEP.2023 01:01:57

Middle Channel / Full

N/A



Date: 20.SEP.2023 01:09:33

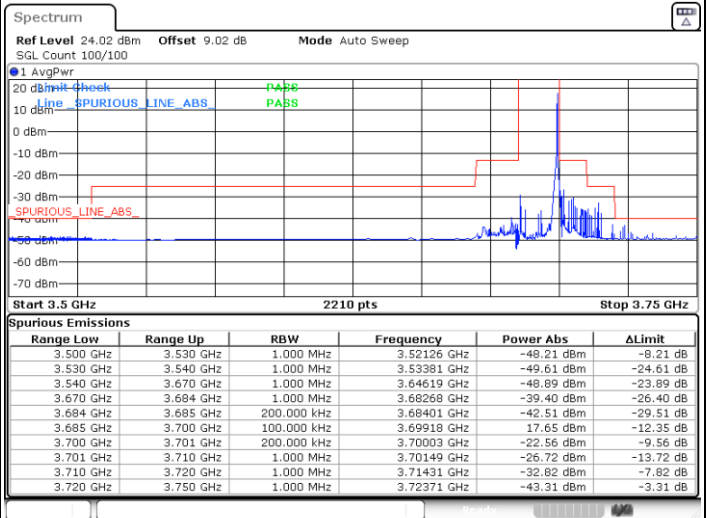
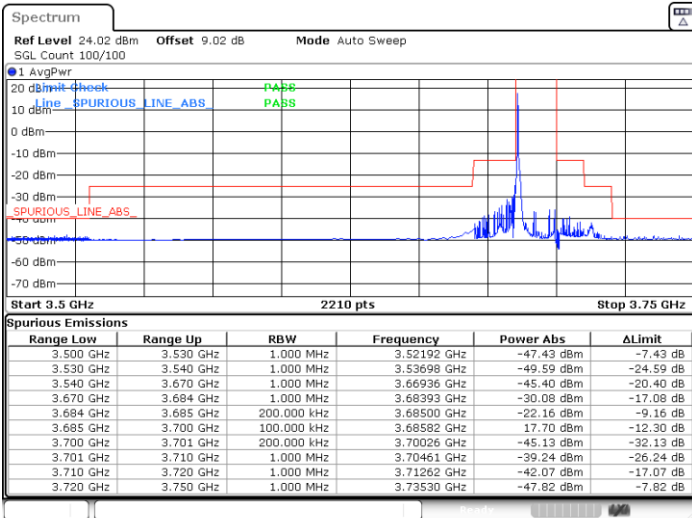


LTE Band 48 / 15MHz

64QAM

Highest Channel / 1RB0

Highest Channel / 1RBmax

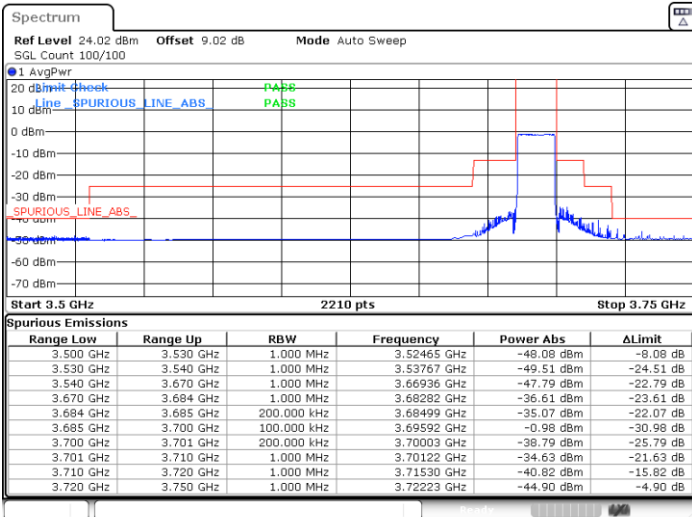


Date: 20.SEP.2023 01:17:11

Date: 20.SEP.2023 01:24:49

Highest Channel / Full RB

N/A



Date: 20.SEP.2023 01:32:27

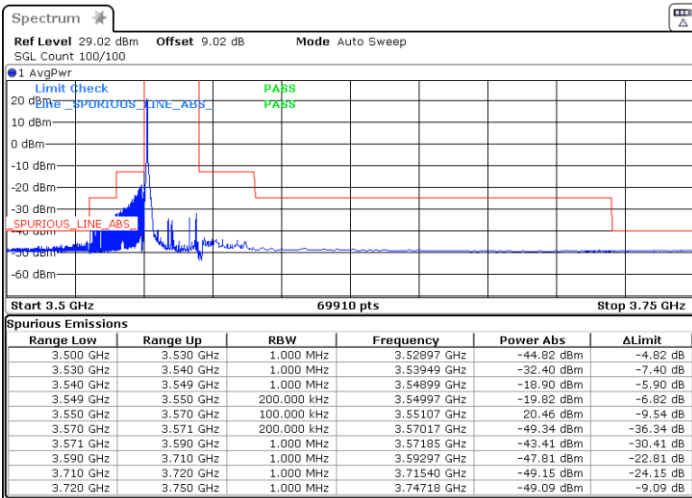


LTE Band 48 / 20MHz

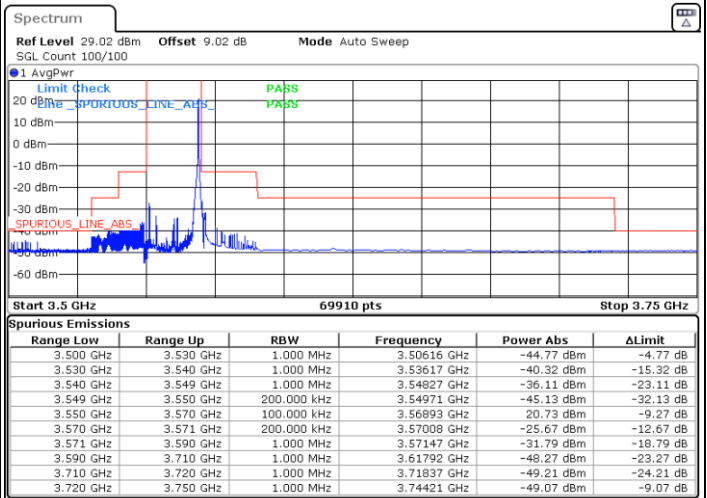
QPSK

Lowest Channel / 1RB0

Lowest Channel / 1RBmax



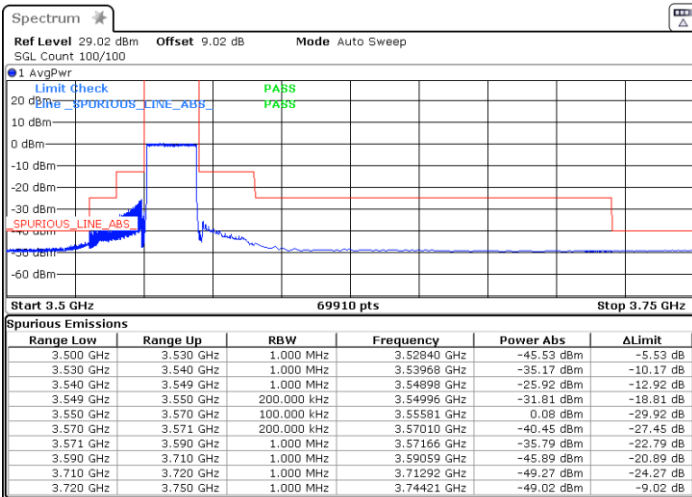
Date: 20.SEP.2023 02:42:17



Date: 20.SEP.2023 01:37:45

Lowest Channel / Full RB

N/A



Date: 20.SEP.2023 02:48:39

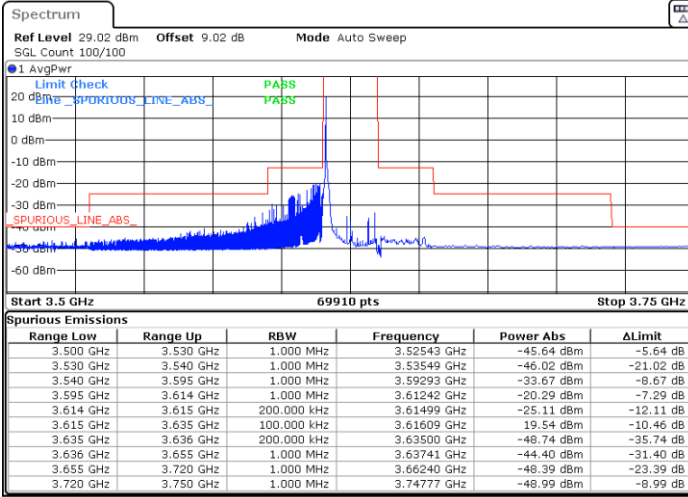


LTE Band 48 / 20MHz

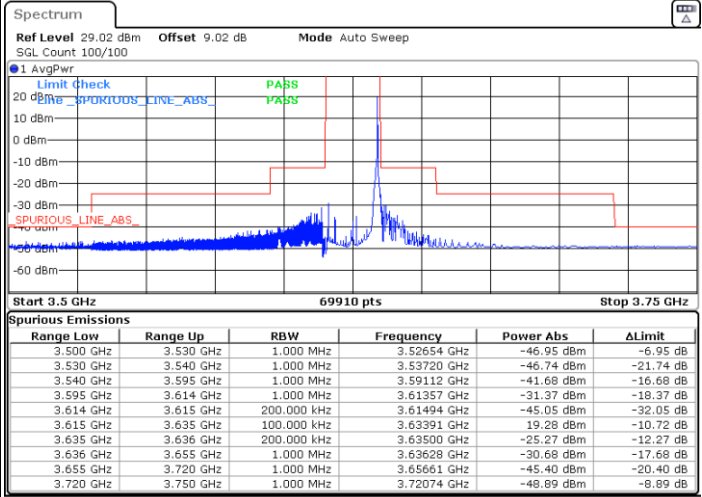
QPSK

Middle Channel / 1RB0

Middle Channel / 1RBmax



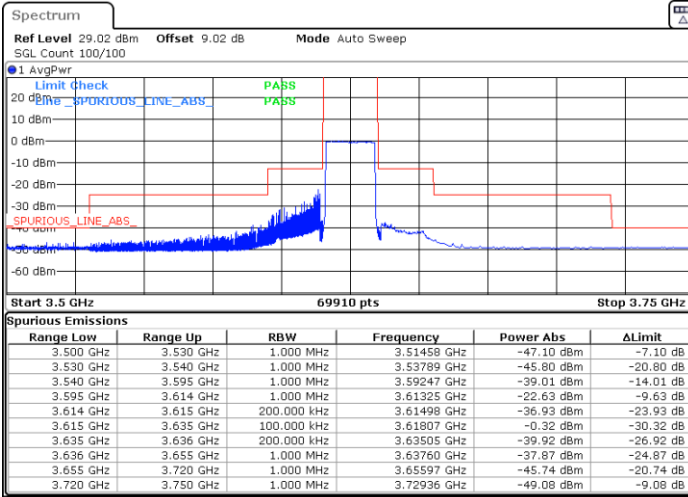
Date: 20.SEP.2023 01:45:42



Date: 20.SEP.2023 01:49:39

Middle Channel / Full

N/A



Date: 20.SEP.2023 01:53:36

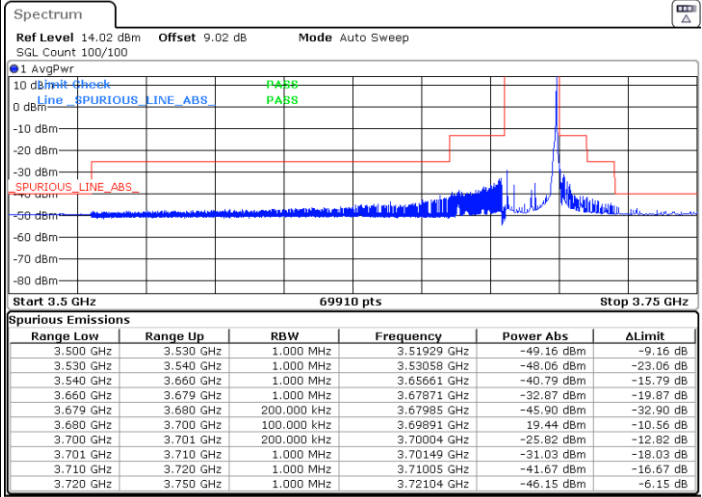
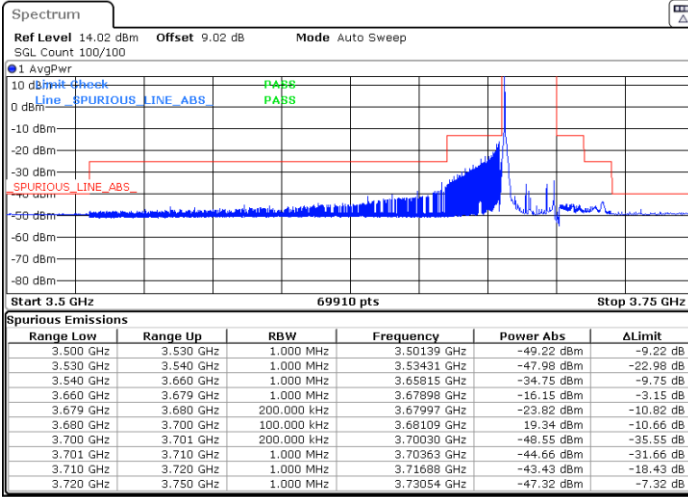


LTE Band 48 / 20MHz

QPSK

Highest Channel / 1RB0

Highest Channel / 1RBmax

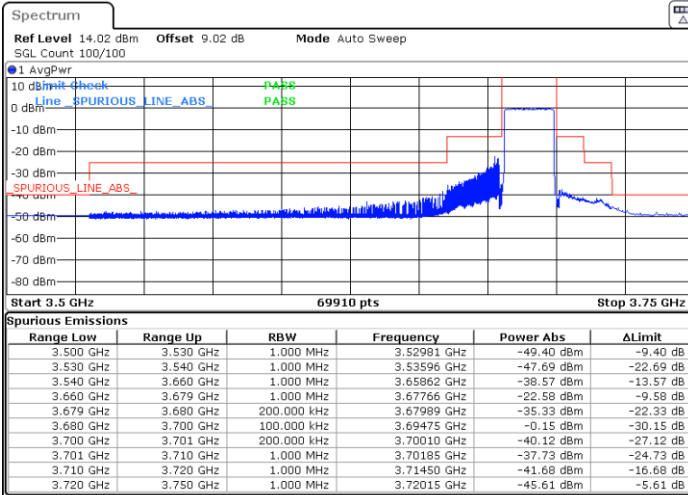


Date: 20_SEP.2023 02:59:14

Date: 20_SEP.2023 03:04:23

Highest Channel / Full RB

N/A



Date: 20_SEP.2023 03:09:31

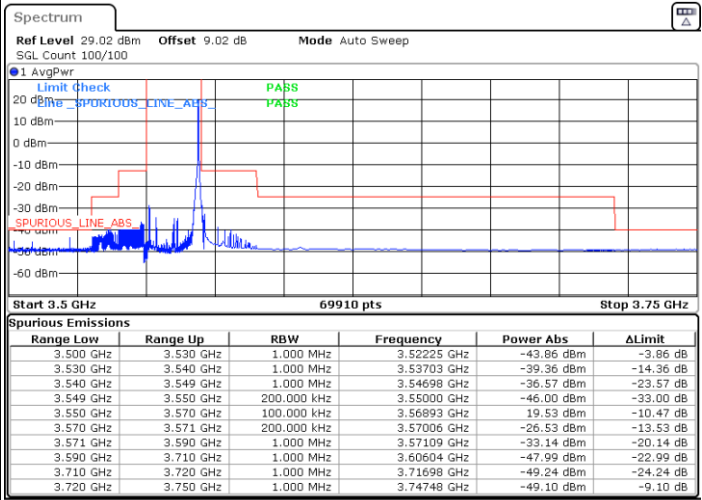
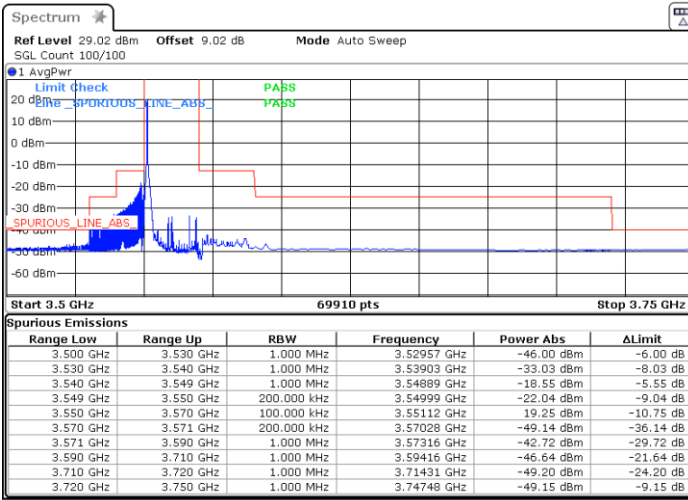


LTE Band 48 / 20MHz

16QAM

Lowest Channel / 1RB0

Lowest Channel / 1RBmax

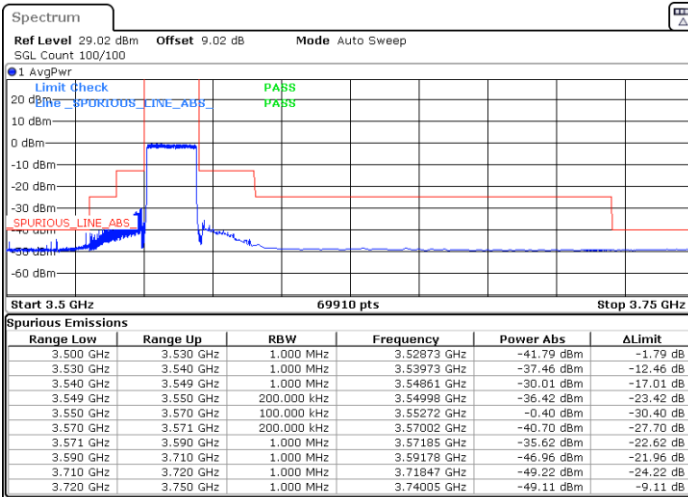


Date: 20.SEP.2023 02:44:33

Date: 20.SEP.2023 01:39:05

Lowest Channel / Full RB

N/A



Date: 20.SEP.2023 01:43:03

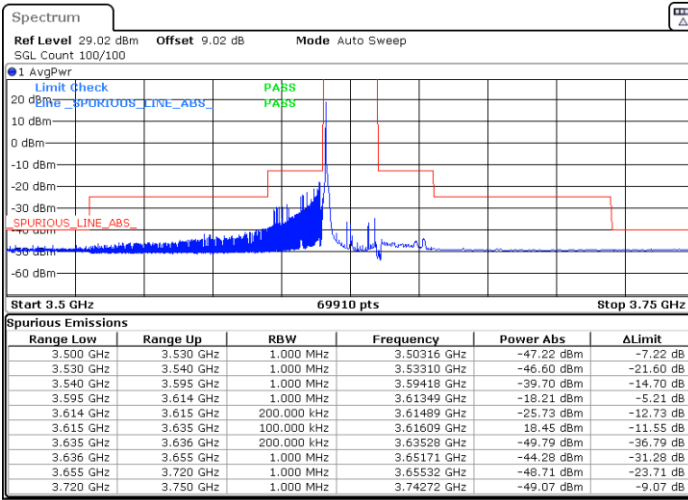


LTE Band 48 / 20MHz

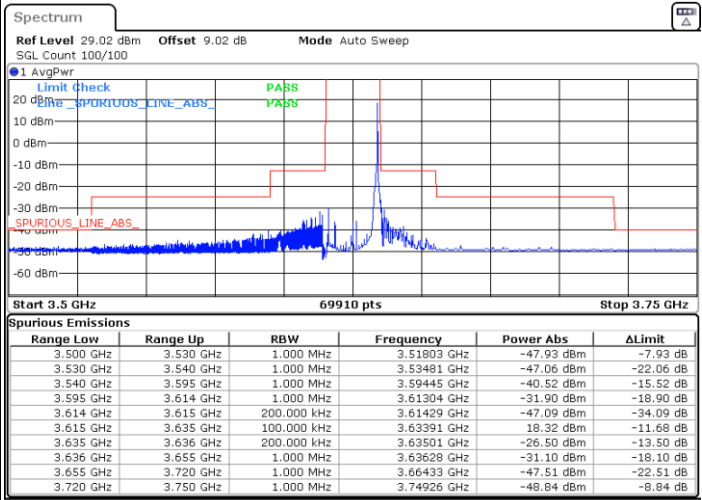
16QAM

Middle Channel / 1RB0

Middle Channel / 1RBmax



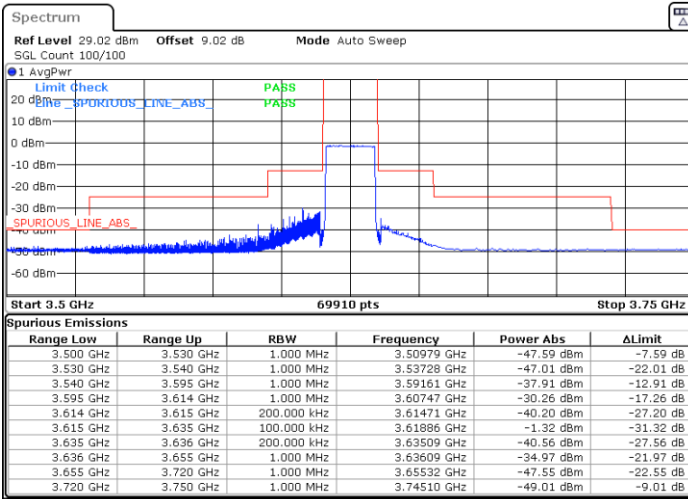
Date: 20.SEP.2023 01:47:01



Date: 20.SEP.2023 01:50:58

Middle Channel / Full

N/A



Date: 20.SEP.2023 01:54:56

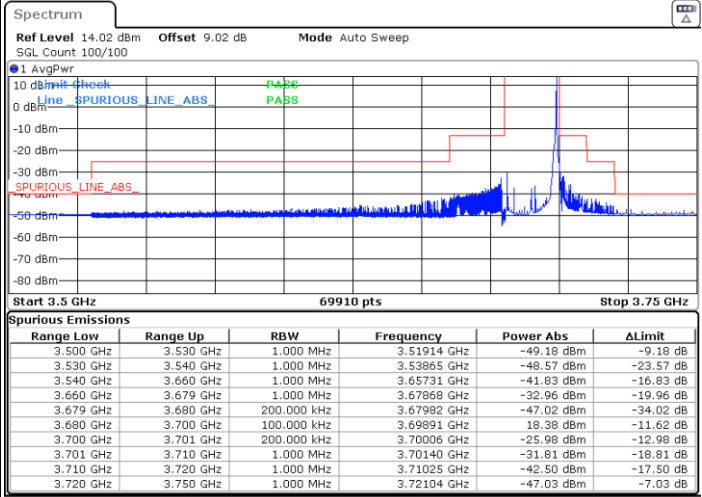
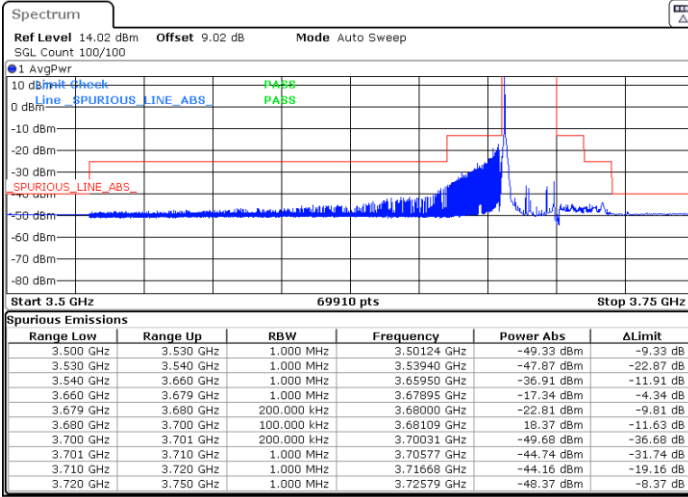


LTE Band 48 / 20MHz

16QAM

Highest Channel / 1RB0

Highest Channel / 1RBmax

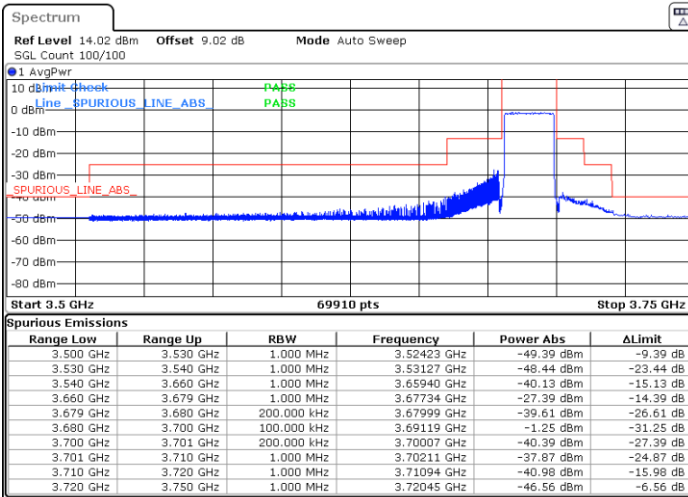


Date: 20.SEP.2023 03:00:57

Date: 20.SEP.2023 03:06:06

Highest Channel / Full RB

N/A



Date: 20.SEP.2023 03:11:14

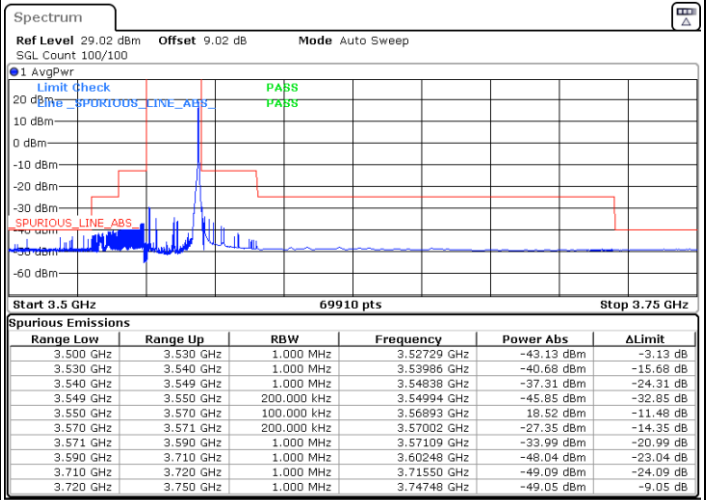
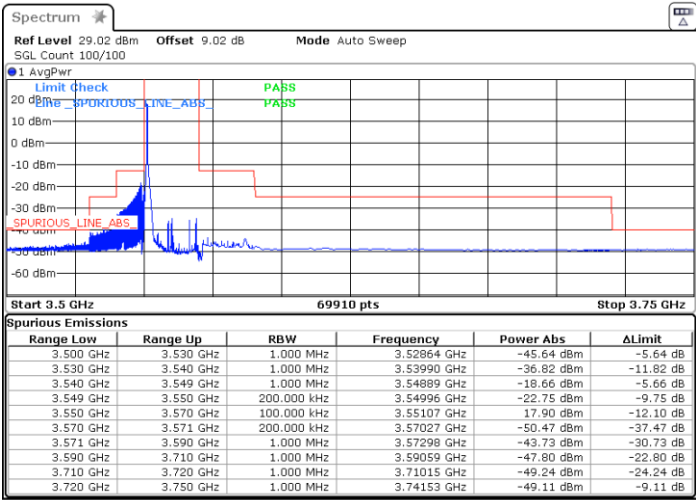


LTE Band 48 / 20MHz

64QAM

Lowest Channel / 1RB0

Lowest Channel / 1RBmax

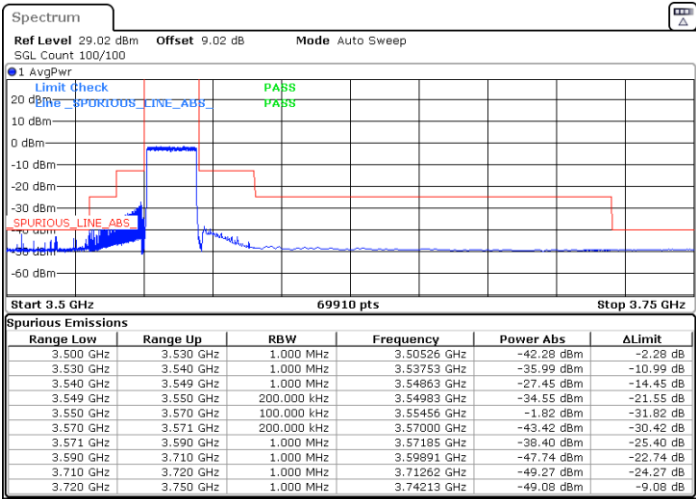


Date: 20.SEP.2023 02:46:30

Date: 20.SEP.2023 01:40:24

Lowest Channel / Full RB

N/A



Date: 20.SEP.2023 01:44:23

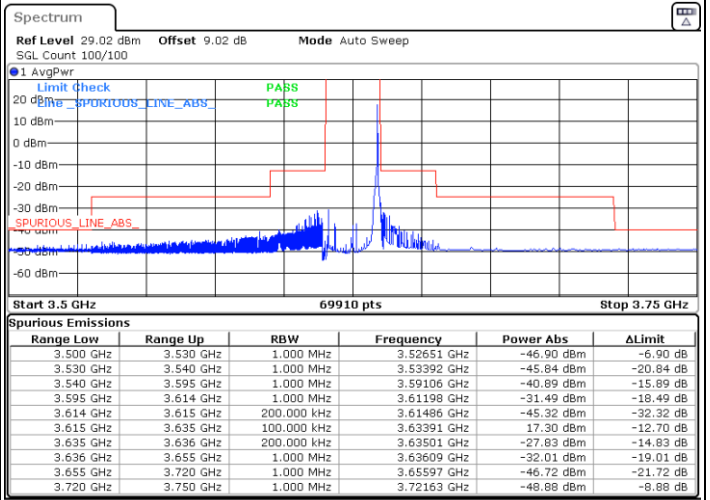
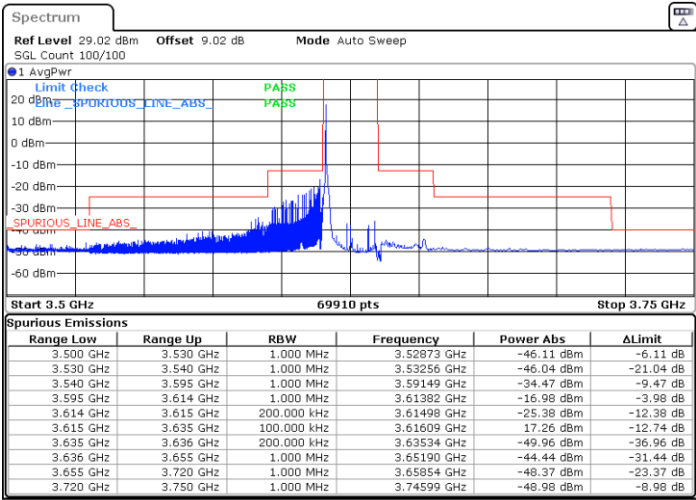


LTE Band 48 / 20MHz

64QAM

Middle Channel / 1RB0

Middle Channel / 1RBmax

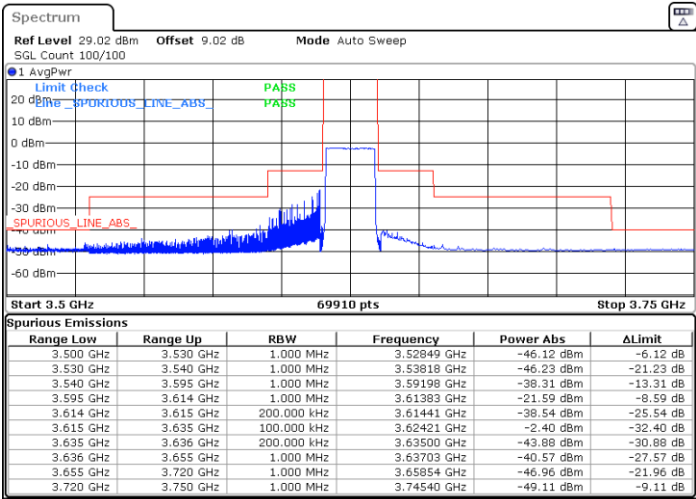


Date: 20.SEP.2023 01:48:20

Date: 20.SEP.2023 01:52:17

Middle Channel / Full

N/A



Date: 20.SEP.2023 01:56:14

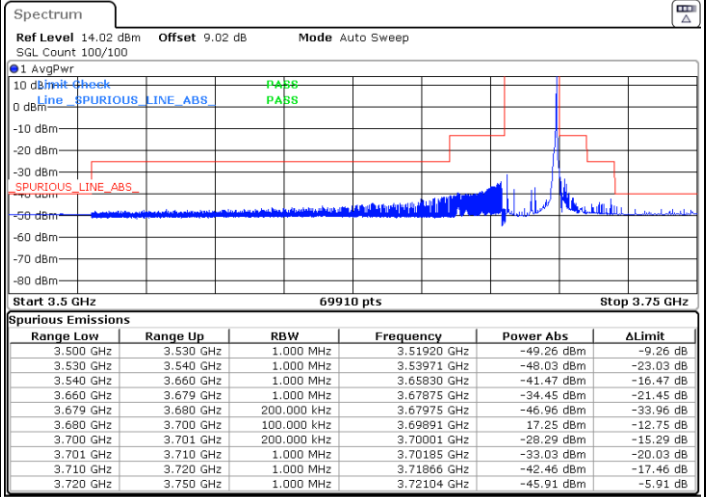
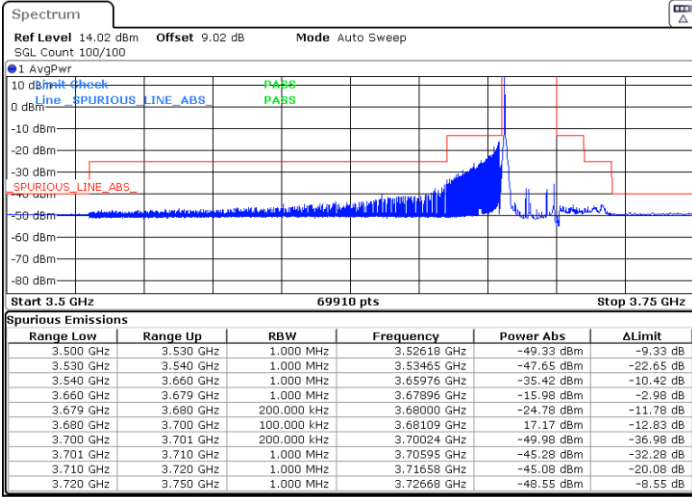


LTE Band 48 / 20MHz

64QAM

Highest Channel / 1RB0

Highest Channel / 1RBmax

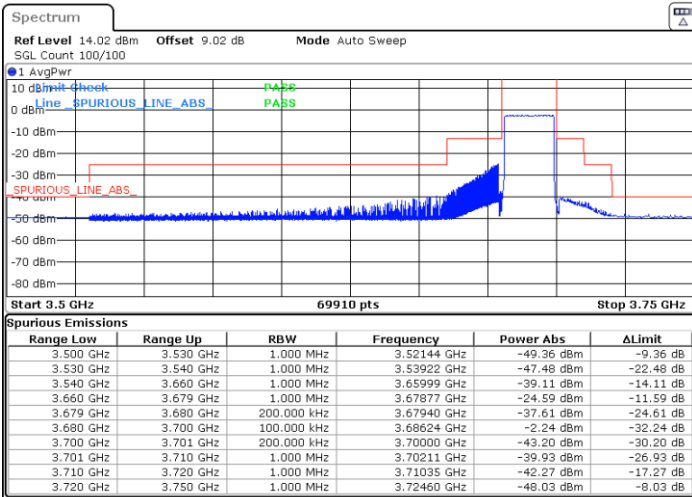


Date: 20.SEP.2023 03:02:40

Date: 20.SEP.2023 03:07:48

Highest Channel / Full RB

N/A



Date: 20.SEP.2023 03:12:57



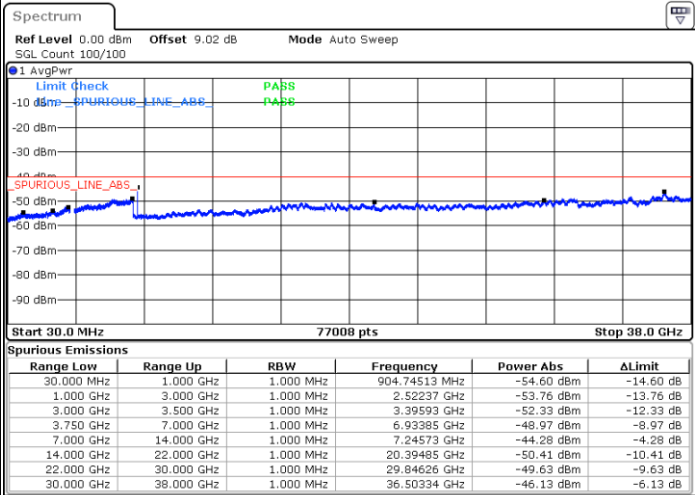
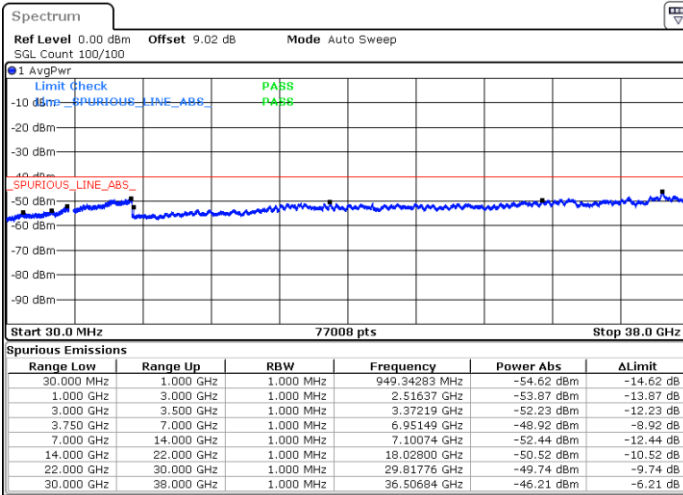
Conducted Spurious Emission

LTE Band 48 / 5MHz

QPSK / 1RB0

Lowest Channel

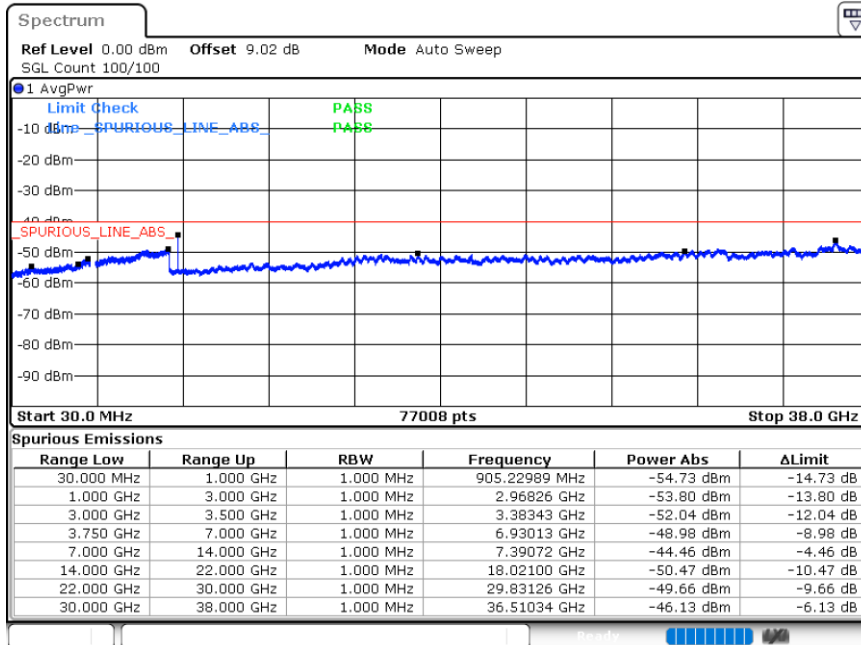
Middle Channel



Date: 20.SEP.2023 04:35:14

Date: 20.SEP.2023 04:36:59

Highest Channel



Date: 20.SEP.2023 04:38:14

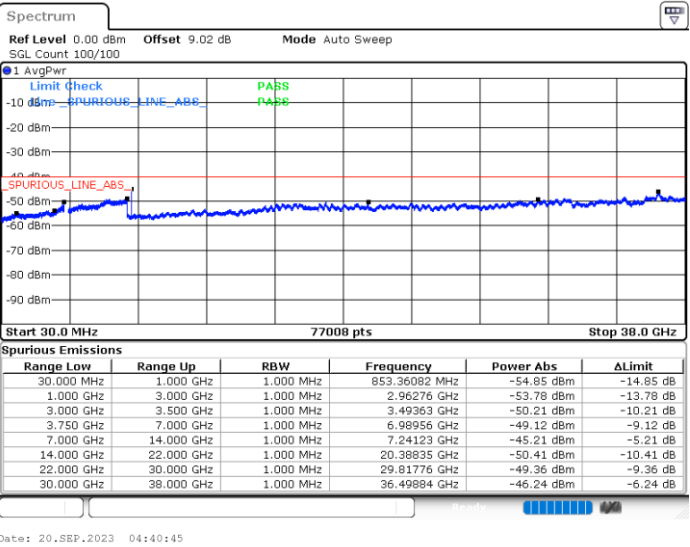
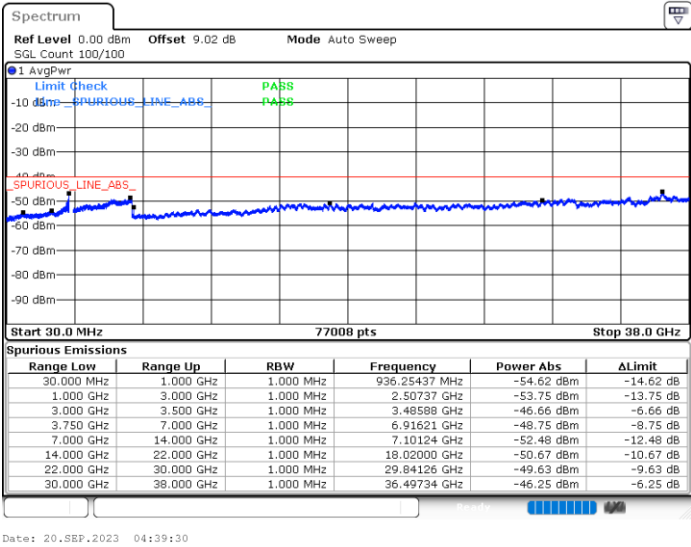


LTE Band 48 / 10MHz

QPSK / 1RB0

Lowest Channel

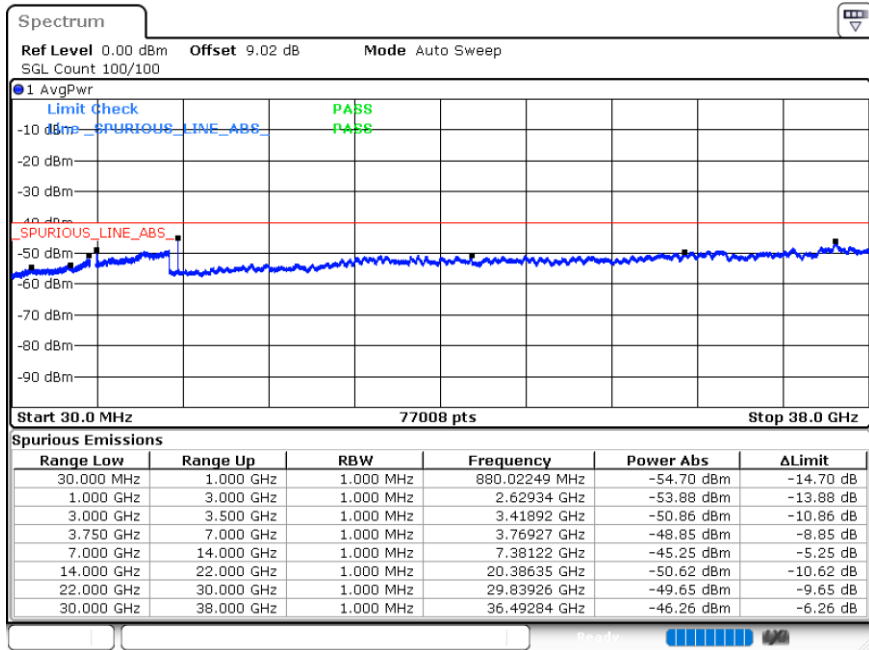
Middle Channel



Date: 20.SEP.2023 04:39:30

Date: 20.SEP.2023 04:40:45

Highest Channel



Date: 20.SEP.2023 04:41:59

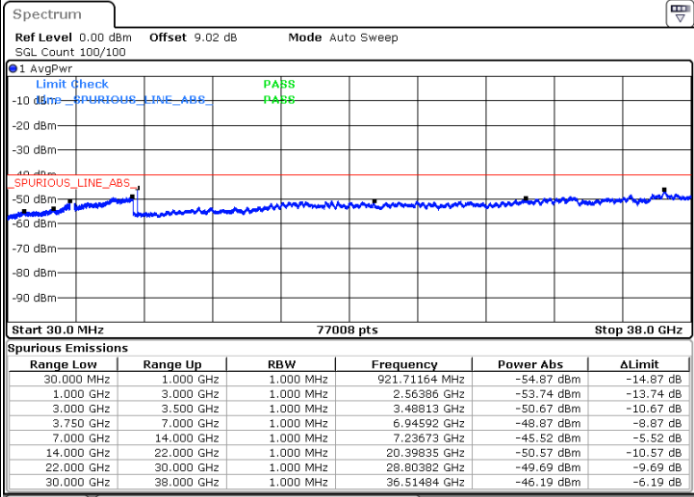
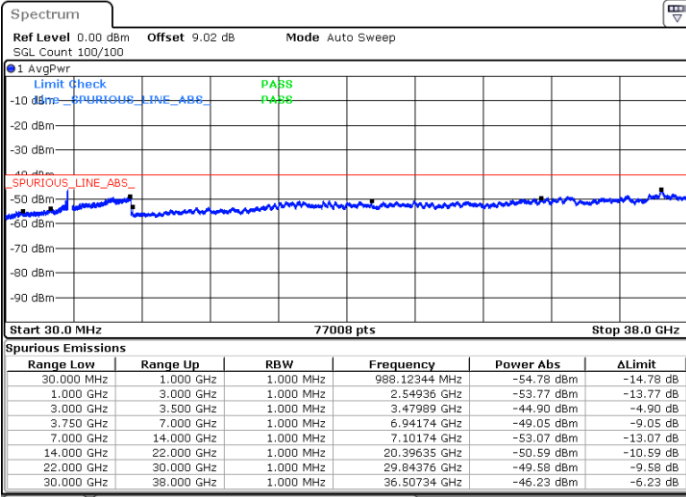


LTE Band 48 / 15MHz

QPSK / 1RB0

Lowest Channel

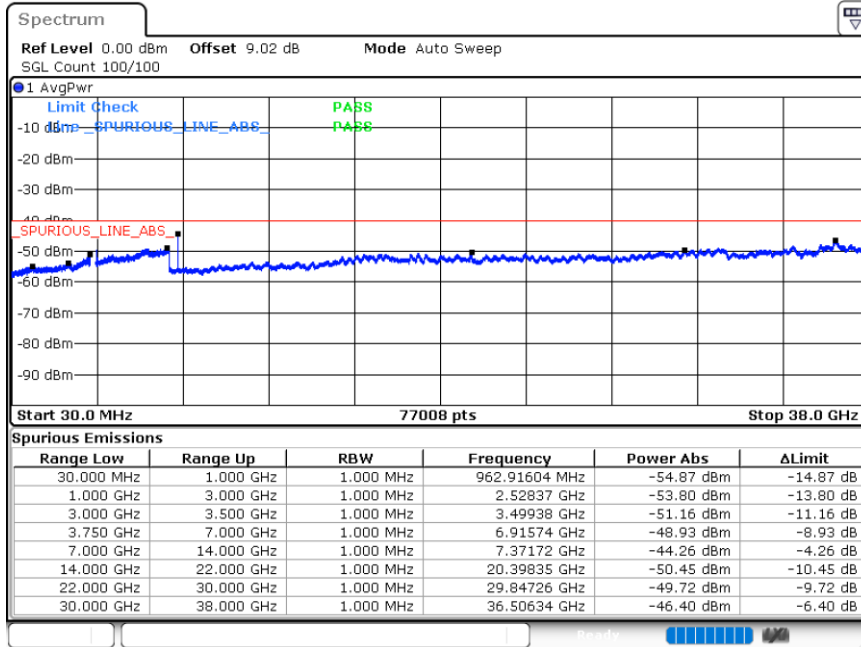
Middle Channel



Date: 20.SEP.2023 04:43:15

Date: 20.SEP.2023 04:43:30

Highest Channel



Date: 20.SEP.2023 04:45:44

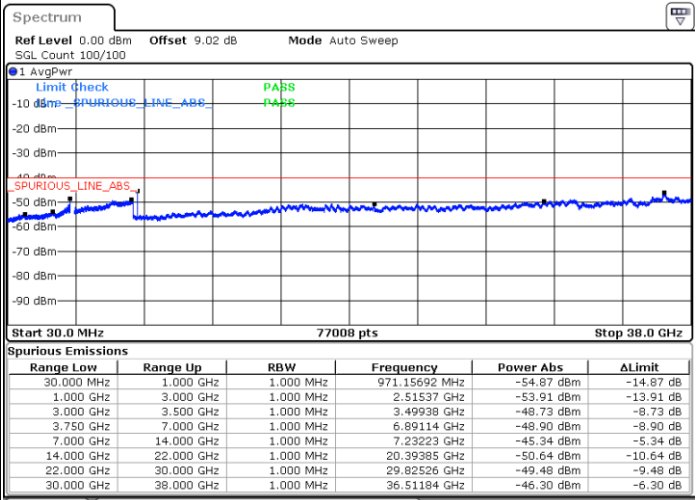
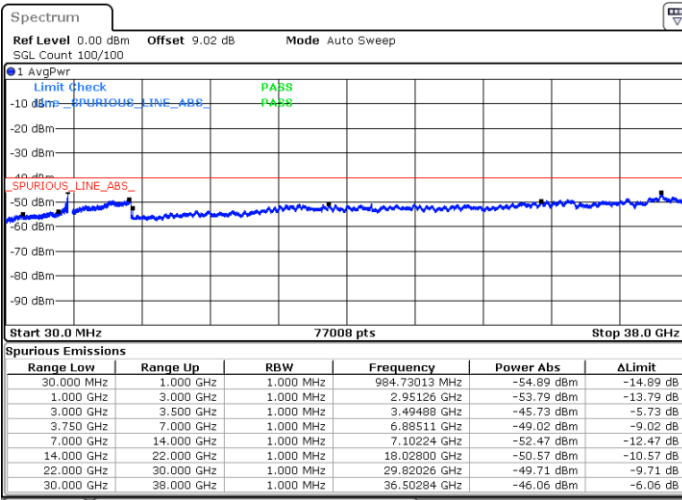


LTE Band 48 / 20MHz

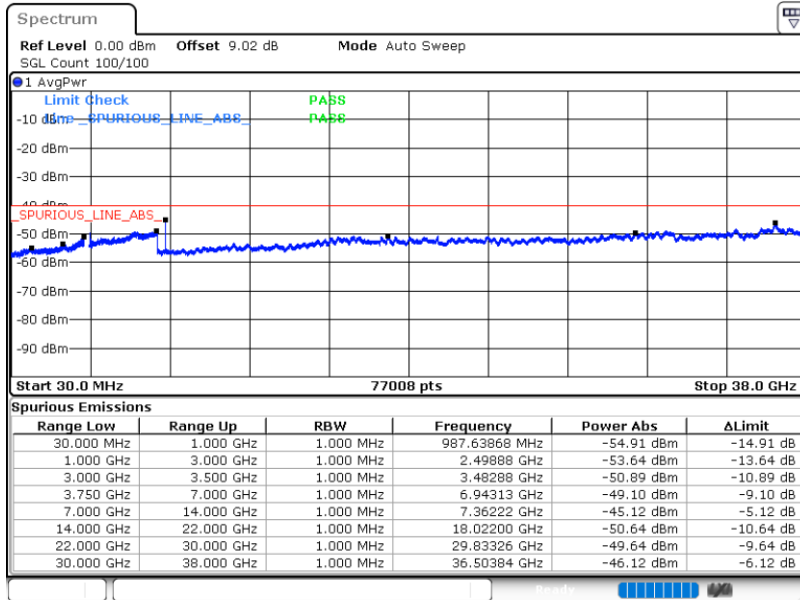
QPSK / 1RB0

Lowest Channel

Middle Channel



Highest Channel





Frequency Stability

Test Conditions		LTE Band 48 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0017	PASS
40	Normal Voltage	0.0012	
30	Normal Voltage	0.0026	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0023	
0	Normal Voltage	0.0016	
-10	Normal Voltage	0.0029	
-20	Normal Voltage	0.0014	
-30	Normal Voltage	0.0021	
20	Maximum Voltage	0.0032	
20	Normal Voltage	0.0016	
20	Battery End Point	0.0024	

Note:

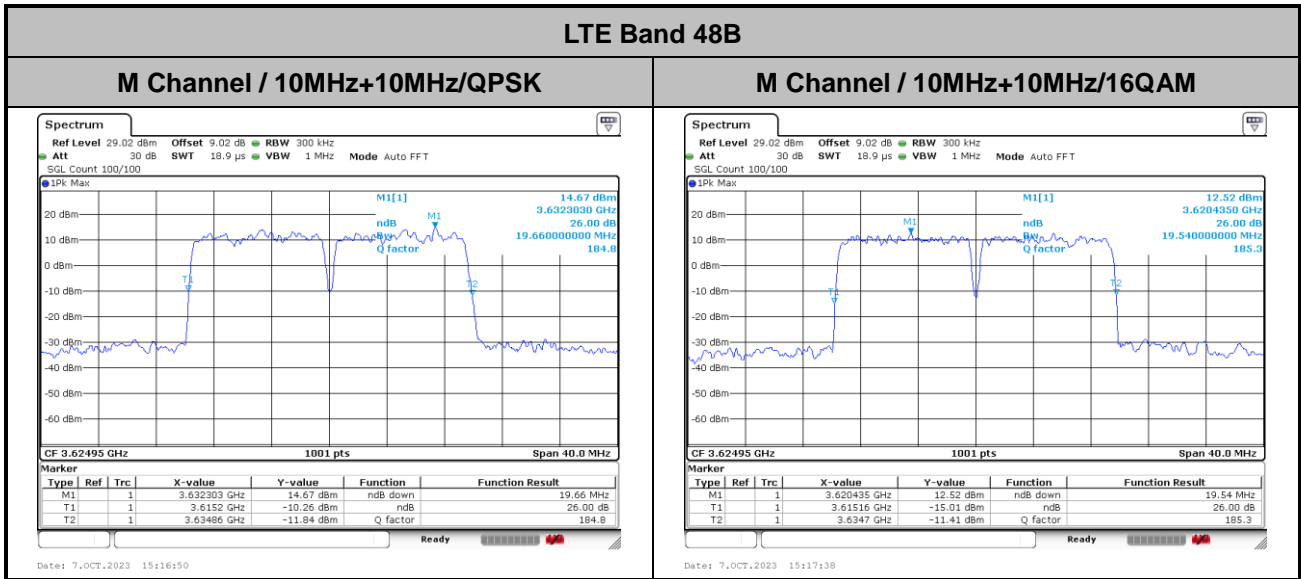
1. Normal Voltage =3.91 V. ; Battery End Point (BEP) =3.6V. ; Maximum Voltage =4.45V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



LTE Band 48B

26dB Bandwidth

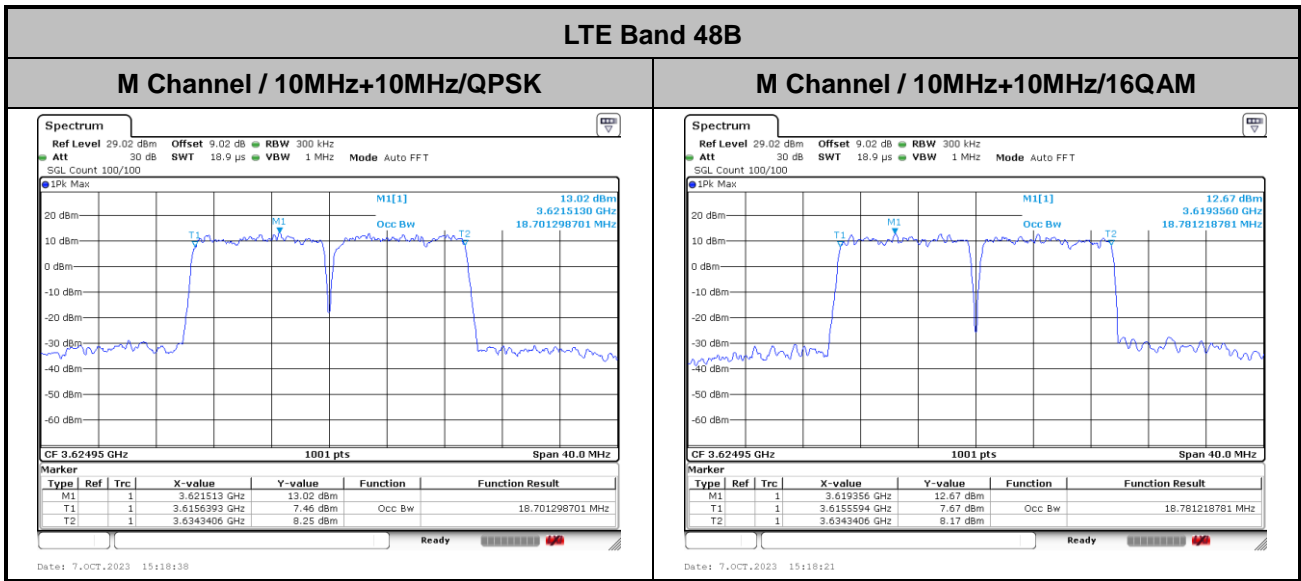
Mode	LTE Band 48B : 26dB BW(MHz)	
QPSK	QPSK	16QAM
BW	10MHz+10MHz	10MHz+10MHz
Middle CH	19.66	19.54





Occupied Bandwidth

Mode	LTE Band 48B : 99%OBW(MHz)	
QPSK	QPSK	16QAM
BW	10MHz+10MHz	10MHz+10MHz
Middle CH	18.70	18.78





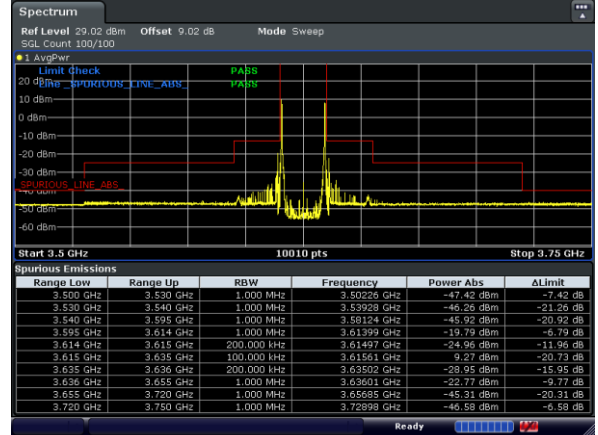
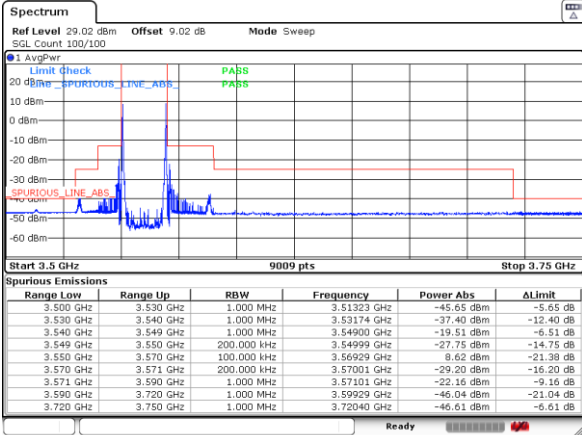
Conducted Band Edge

LTE Band 48B / 10MHz+10MHz

QPSK

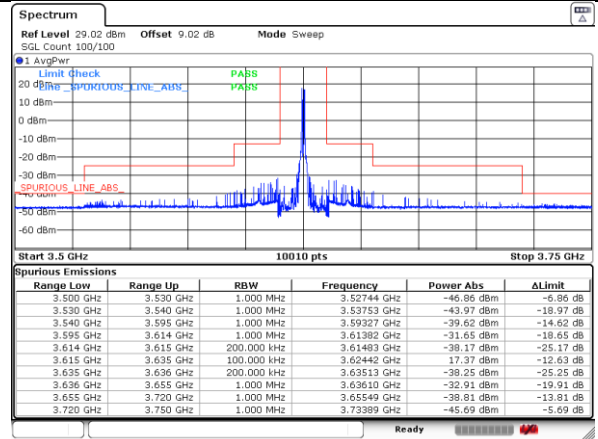
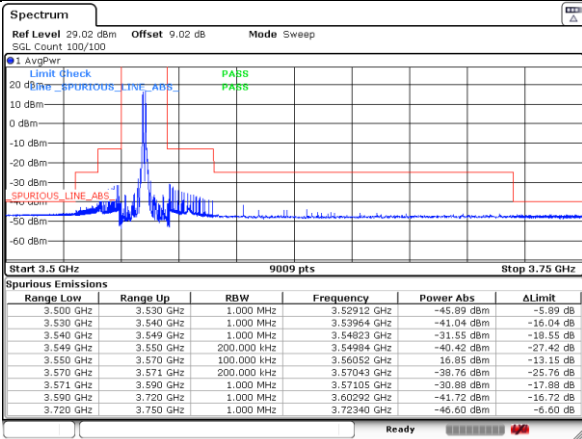
Lowest Band Edge / 1RB0 and 1RB49

Middle Band Edge / 1RB0 and 1RB49



Lowest Band Edge / 1RB49 and 1RB0

Middle Band Edge / 1RB49 and 1RB0



Lowest Band Edge / Full RB

Middle Band Edge / Full RB

