

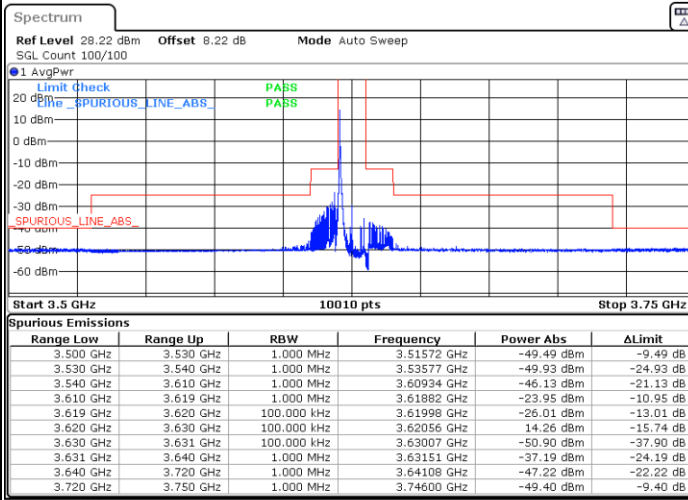


LTE Band 48 / 10MHz

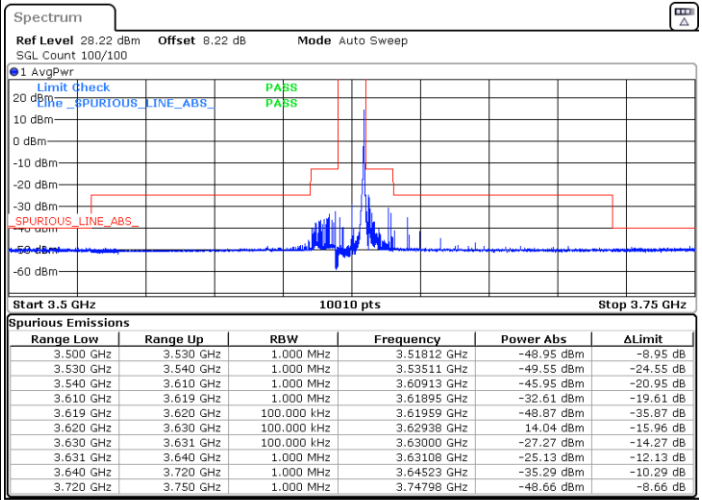
256QAM

Middle Channel / 1RB0

Middle Channel / 1RBmax



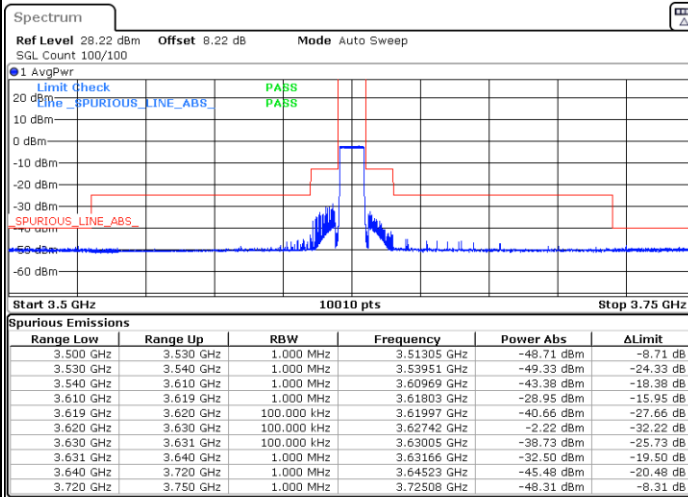
Date: 17.NOV.2021 00:27:27



Date: 17.NOV.2021 01:05:53

Middle Channel / Full RB

N/A



Date: 17.NOV.2021 00:10:56

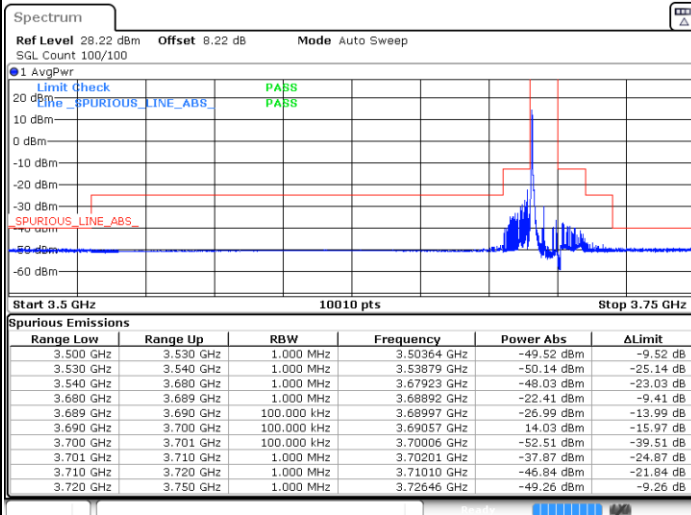


LTE Band 48 / 10MHz

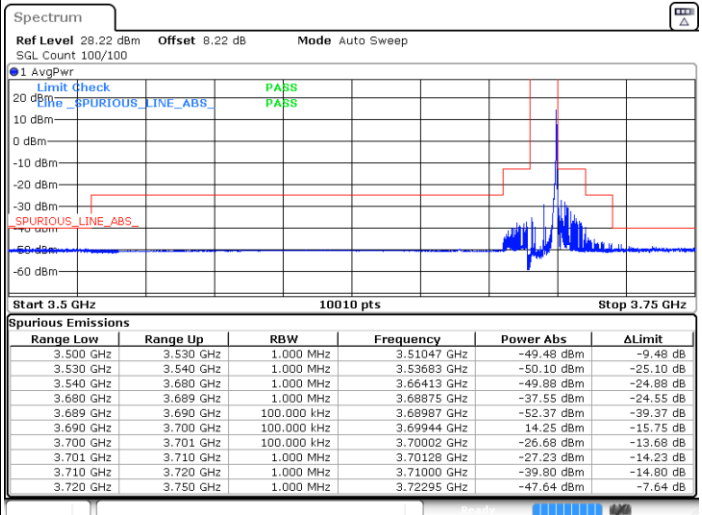
256QAM

Highest Channel / 1RB0

Highest Channel / 1RBmax



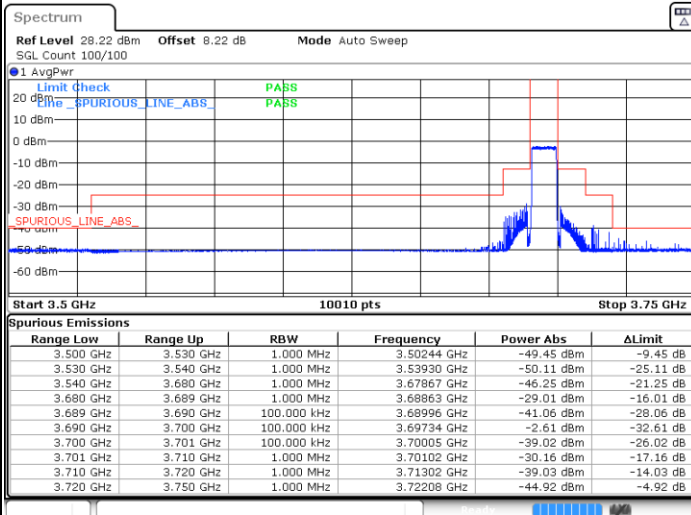
Date: 17.NOV.2021 01:24:09



Date: 17.NOV.2021 01:21:45

Highest Channel / Full RB

N/A



Date: 17.NOV.2021 01:43:13

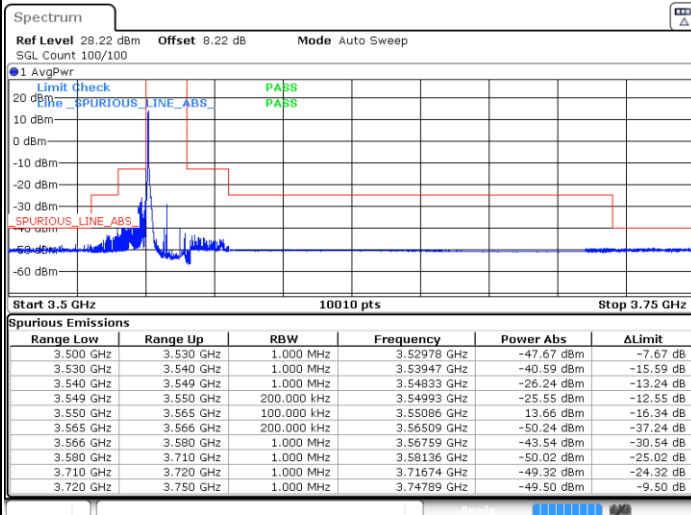


LTE Band 48 / 15MHz

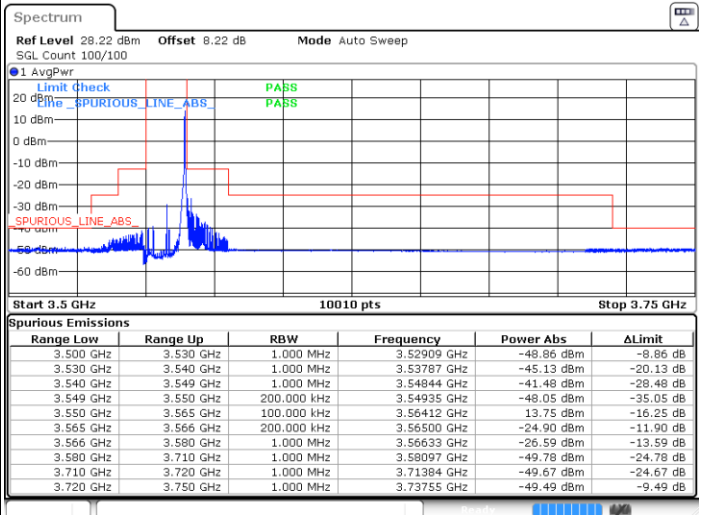
256QAM

Lowest Channel / 1RB0

Lowest Channel / 1RBmax



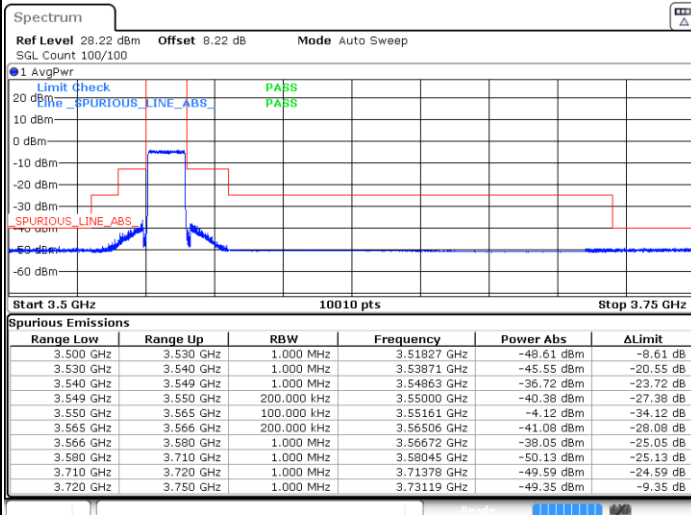
Date: 17.NOV.2021 01:58:24



Date: 17.NOV.2021 02:00:30

Lowest Channel / Full RB

N/A



Date: 17.NOV.2021 02:16:35

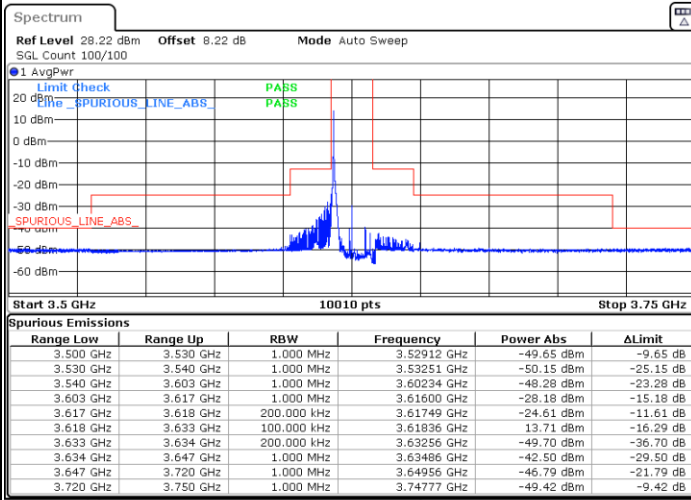


LTE Band 48 / 15MHz

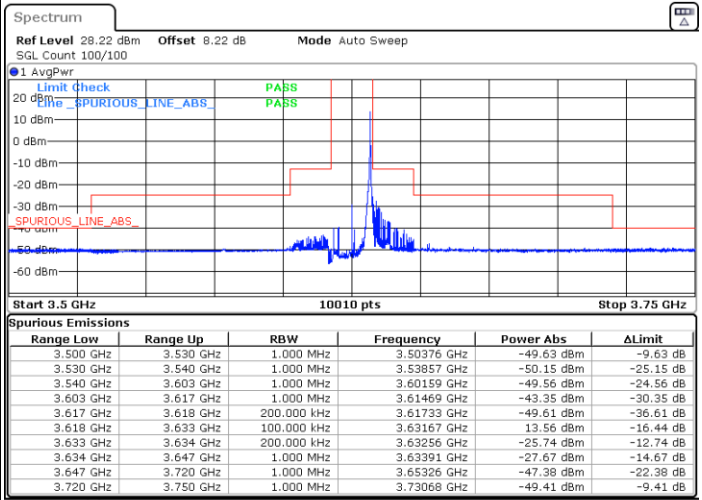
256QAM

Middle Channel / 1RB0

Middle Channel / 1RBmax



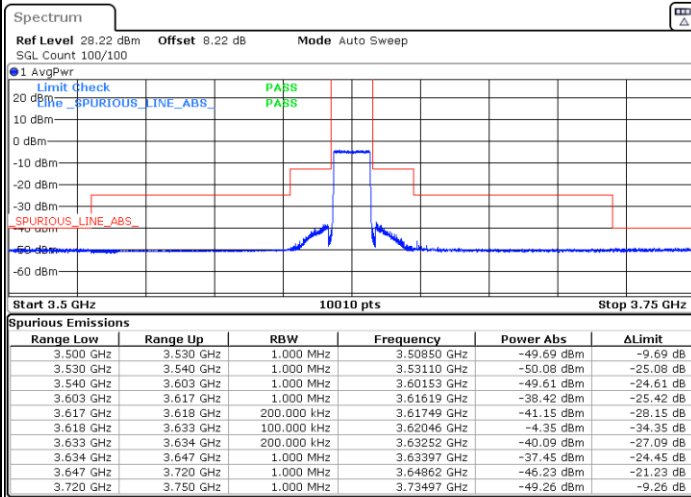
Date: 17.NOV.2021 02:48:54



Date: 17.NOV.2021 03:02:39

Middle Channel / Full RB

N/A



Date: 17.NOV.2021 02:50:48

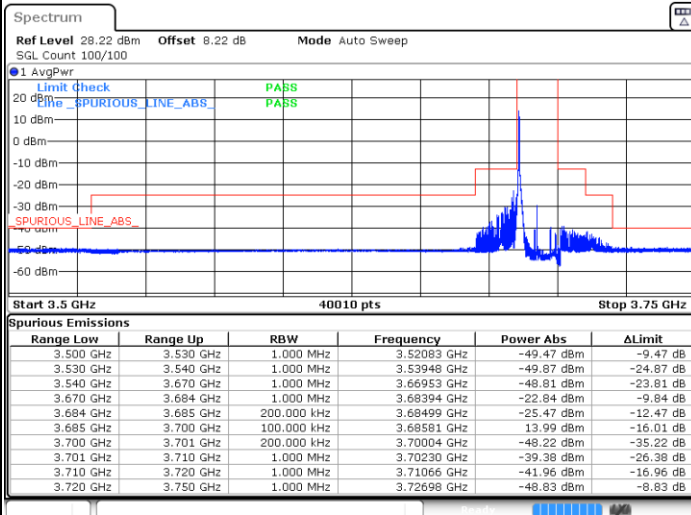


LTE Band 48 / 15MHz

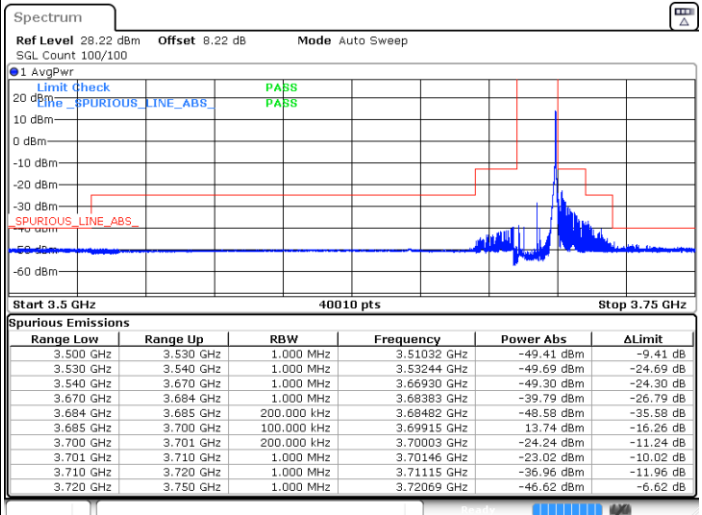
256QAM

Highest Channel / 1RB0

Highest Channel / 1RBmax



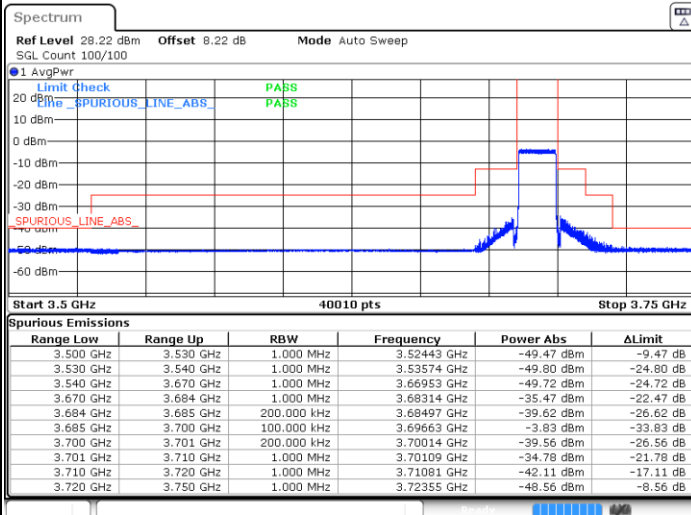
Date: 17.NOV.2021 03:12:46



Date: 17.NOV.2021 03:14:45

Highest Channel / Full RB

N/A



Date: 17.NOV.2021 03:36:54

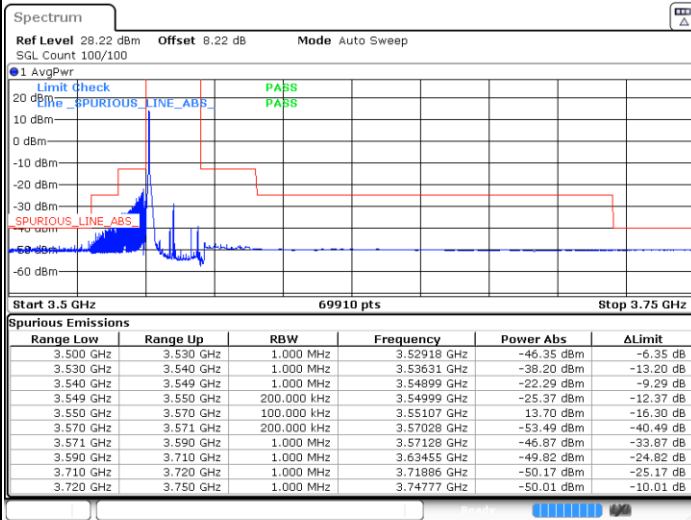


LTE Band 48 / 20MHz

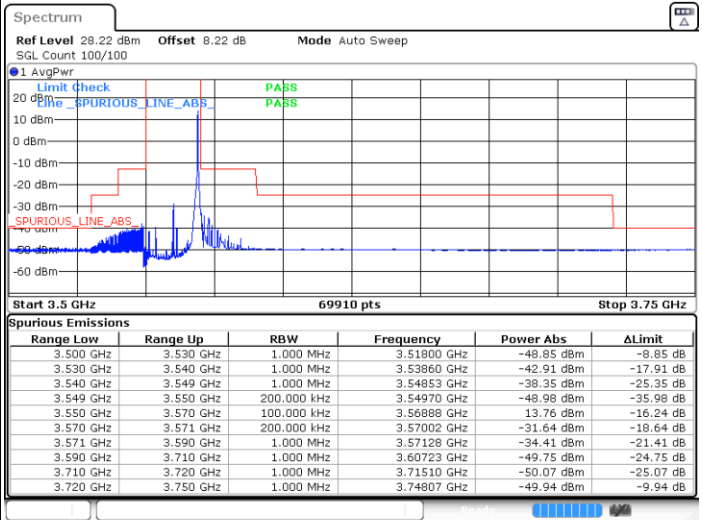
256QAM

Lowest Channel / 1RB0

Lowest Channel / 1RBmax



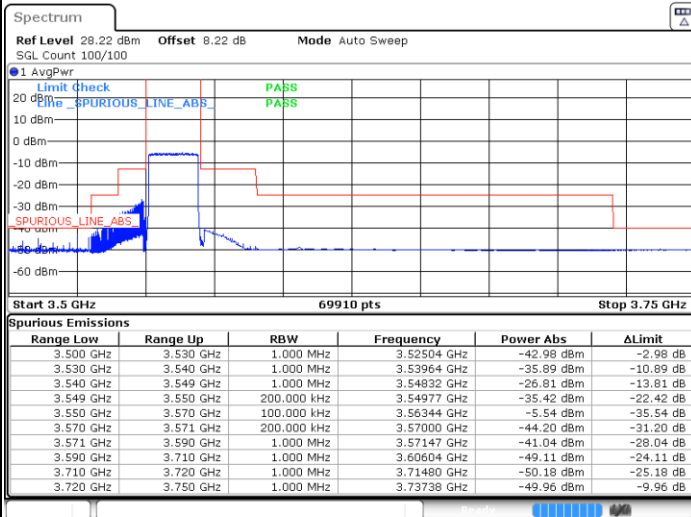
Date: 17.NOV.2021 03:57:46



Date: 17.NOV.2021 04:38:16

Lowest Channel / Full RB

N/A



Date: 17.NOV.2021 03:54:55

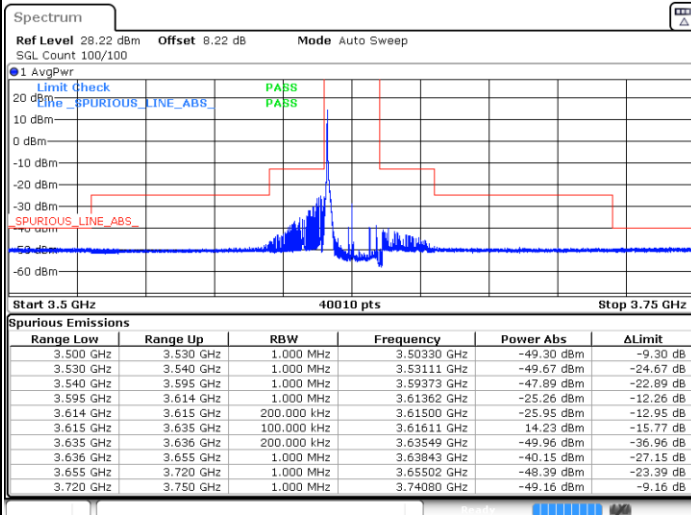


LTE Band 48 / 20MHz

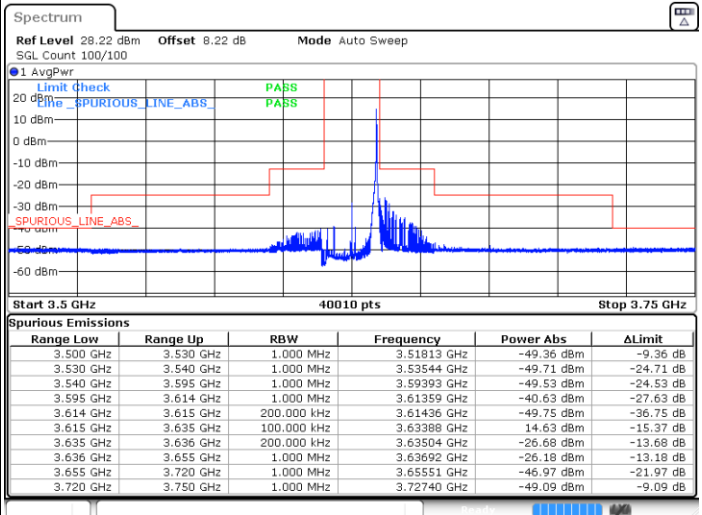
256QAM

Middle Channel / 1RB0

Middle Channel / 1RBmax



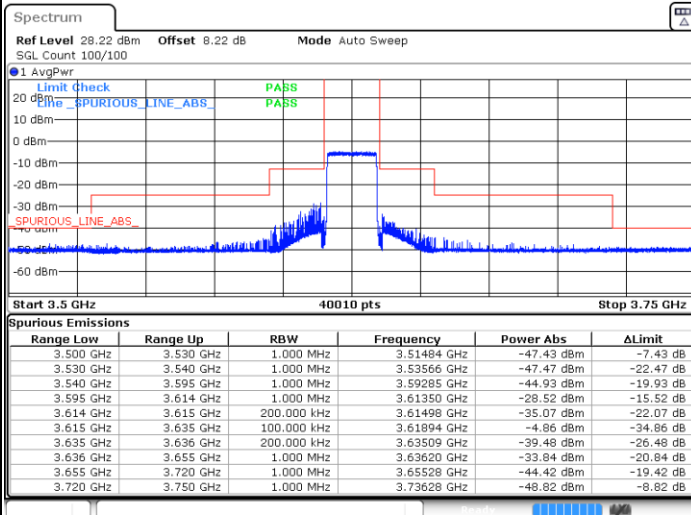
Date: 17.NOV.2021 05:06:52



Date: 17.NOV.2021 05:04:01

Middle Channel / Full RB

N/A



Date: 17.NOV.2021 05:29:59

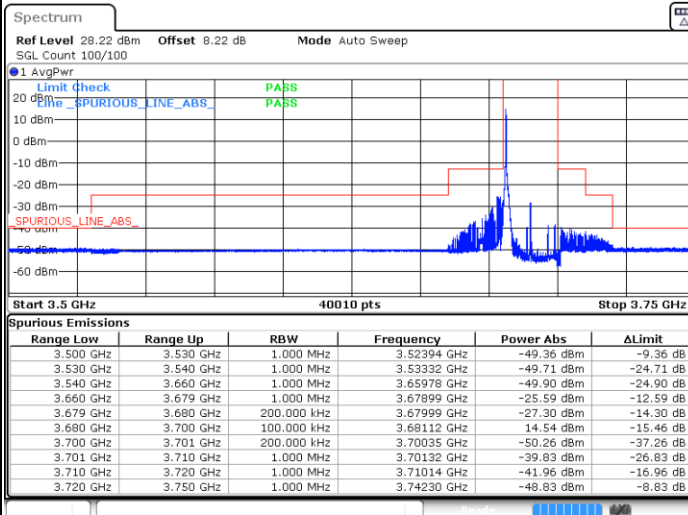


LTE Band 48 / 20MHz

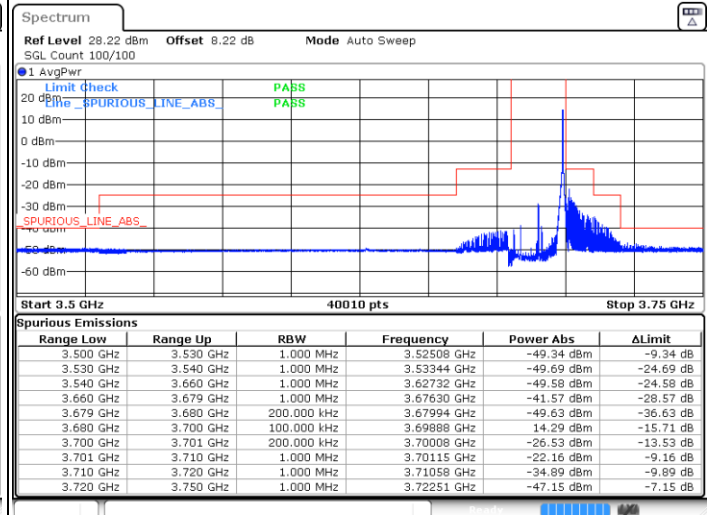
256QAM

Highest Channel / 1RB0

Highest Channel / 1RBmax



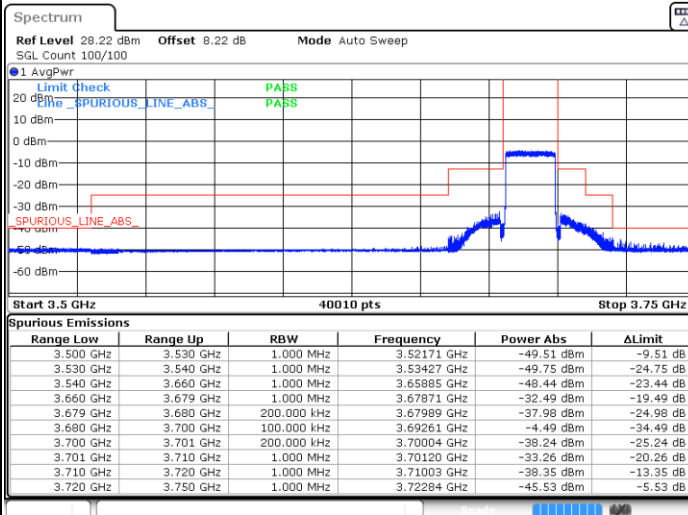
Date: 17.NOV.2021 05:44:20



Date: 17.NOV.2021 06:04:40

Highest Channel / Full RB

N/A



Date: 17.NOV.2021 06:07:58



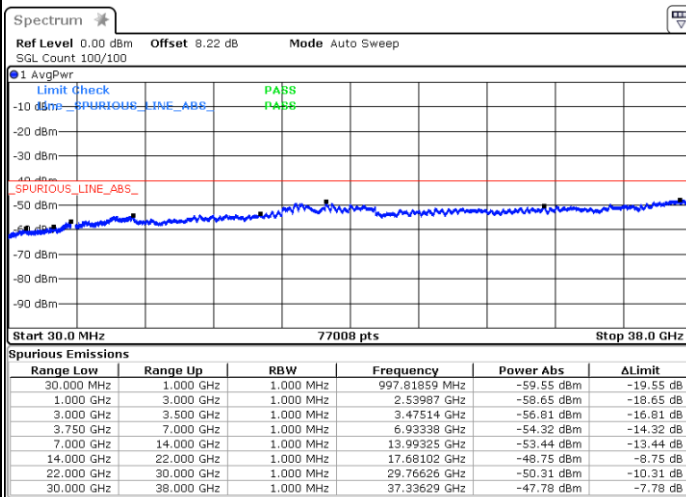
Conducted Spurious Emission

LTE Band 48 / 5MHz

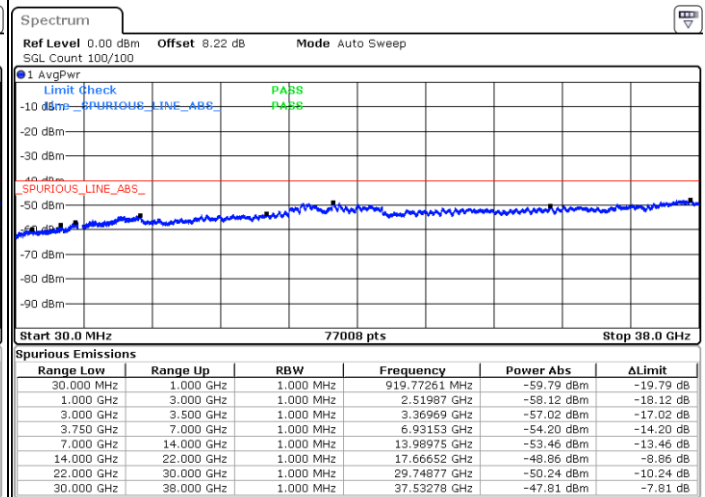
QPSK / 1RB0

Lowest Channel

Middle Channel

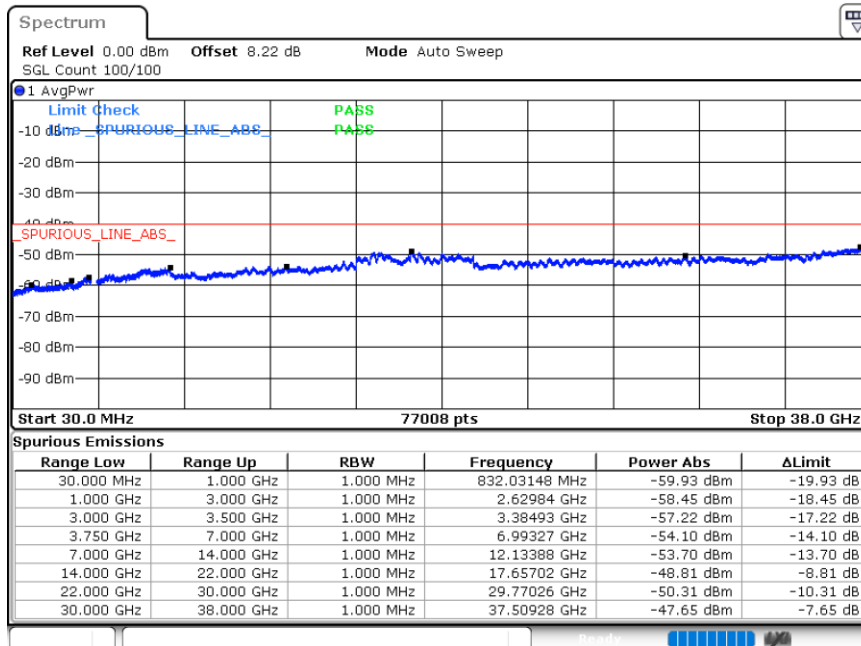


Date: 16.NOV.2021 22:48:17



Date: 16.NOV.2021 22:49:38

Highest Channel



Date: 16.NOV.2021 22:53:45

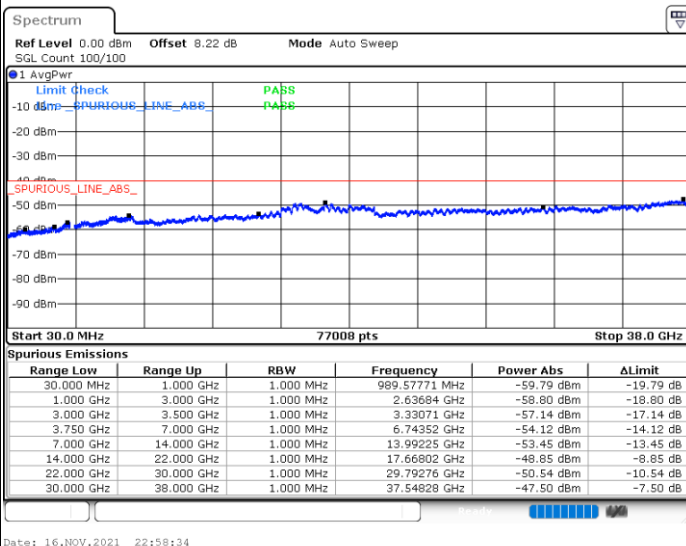
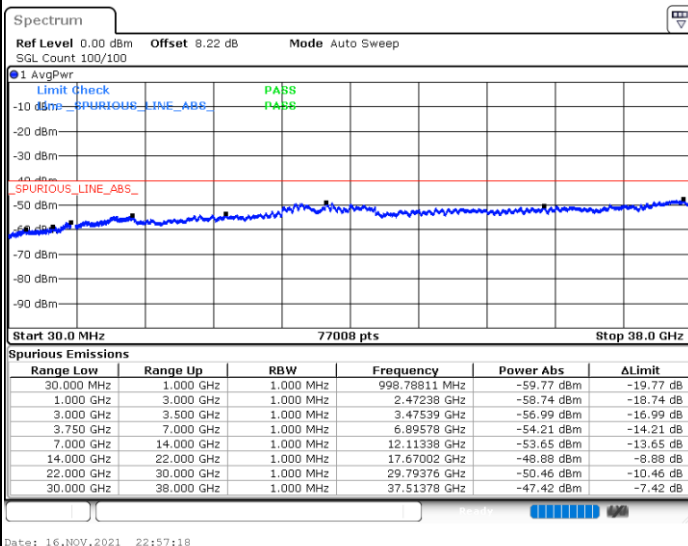


LTE Band 48 / 10MHz

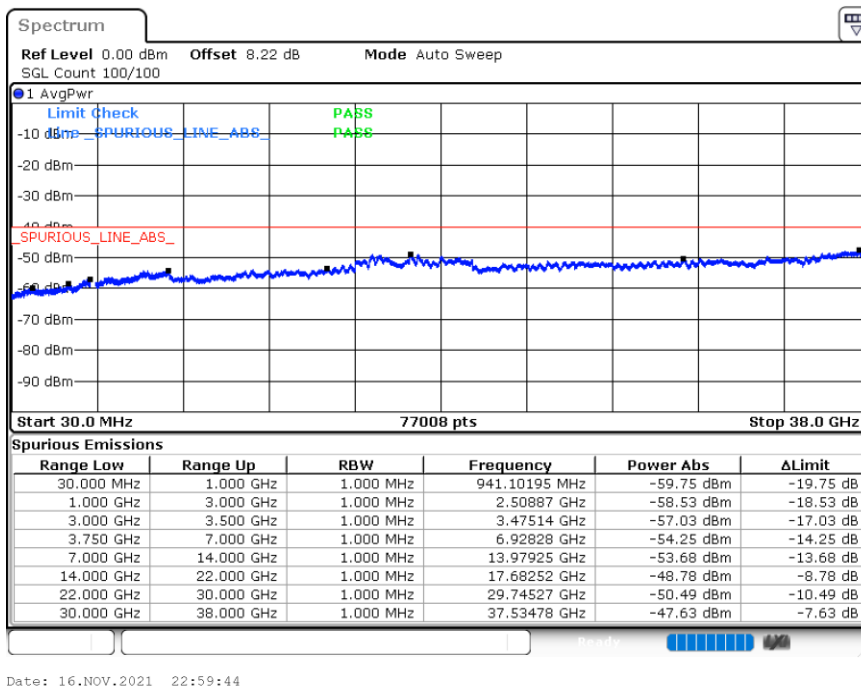
QPSK / 1RB0

Lowest Channel

Middle Channel



Highest Channel



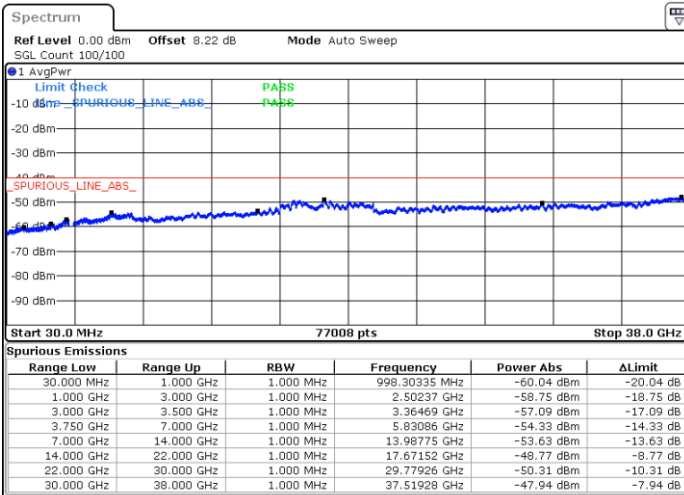


LTE Band 48 / 15MHz

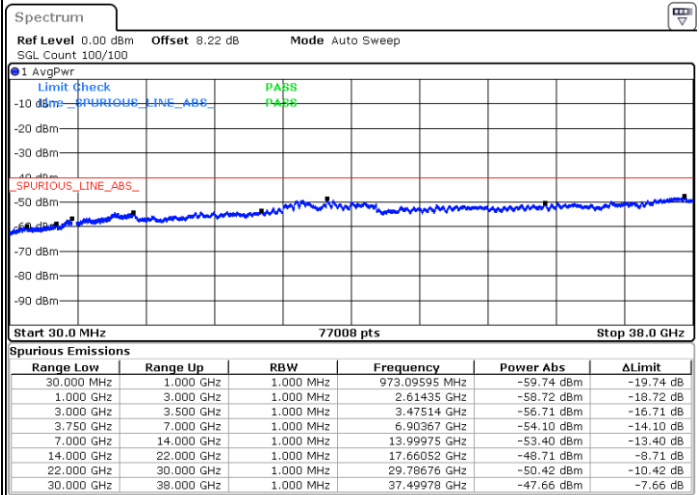
QPSK / 1RB0

Lowest Channel

Middle Channel

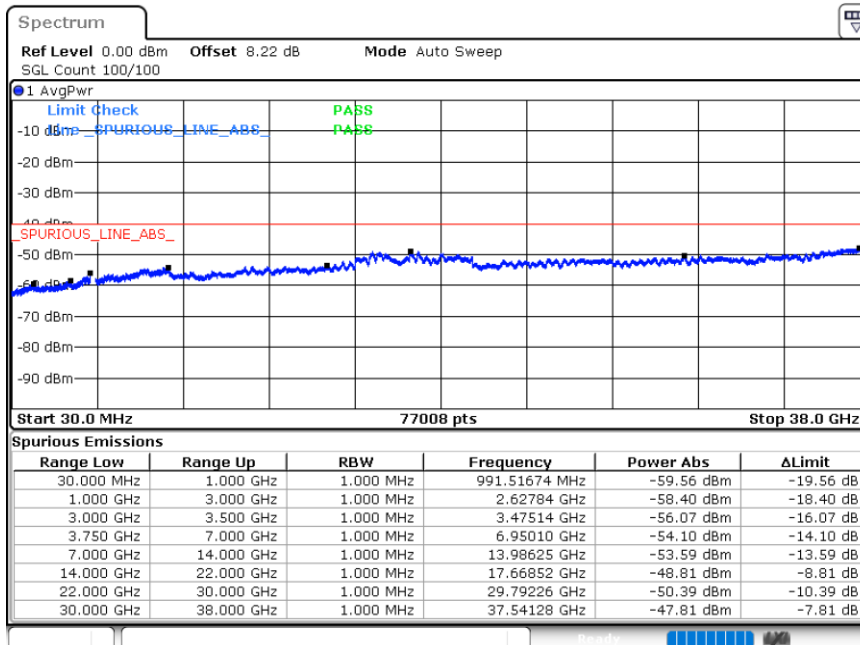


Date: 16.NOV.2021 23:01:05



Date: 16.NOV.2021 23:02:11

Highest Channel



Date: 16.NOV.2021 23:03:38

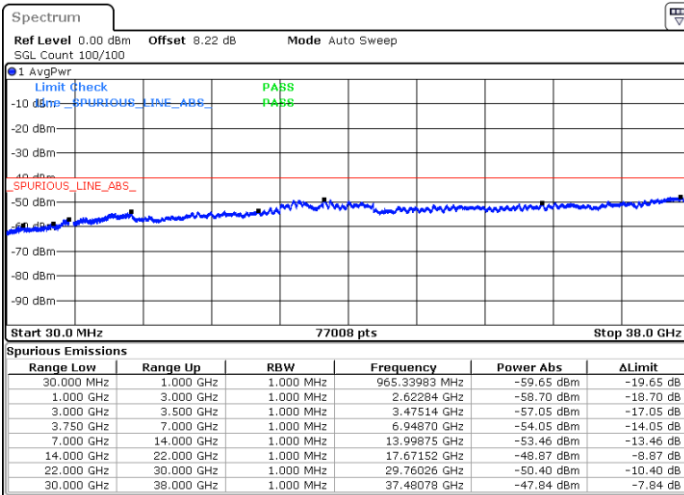


LTE Band 48 / 20MHz

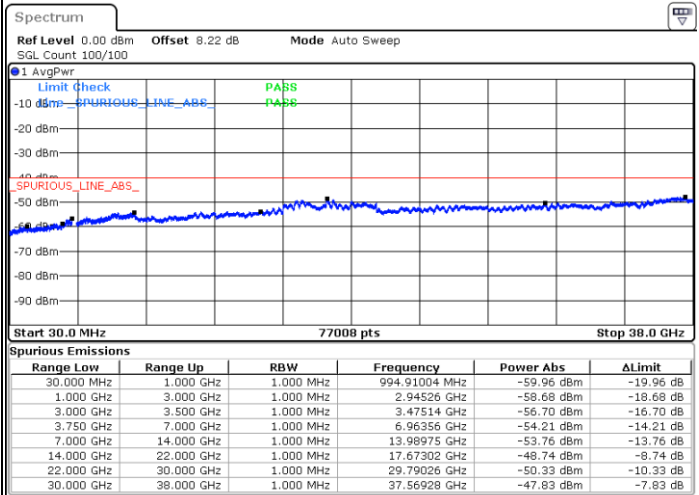
QPSK / 1RB0

Lowest Channel

Middle Channel

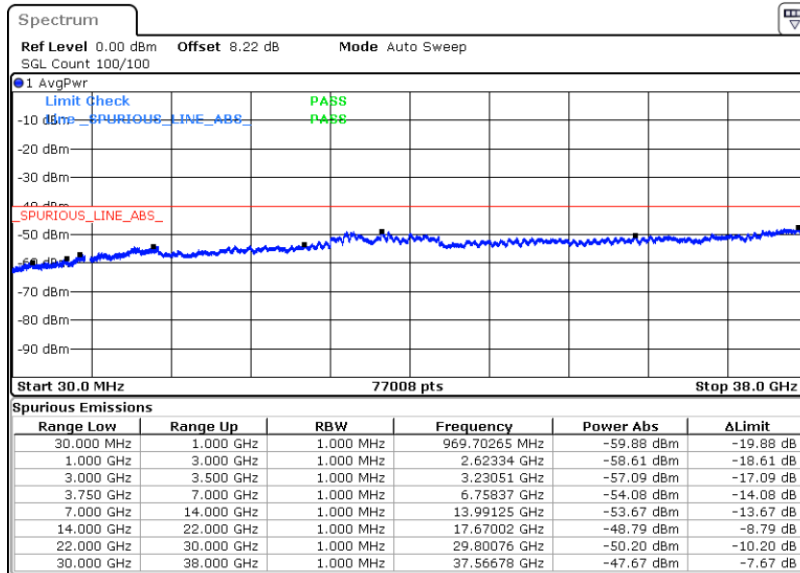


Date: 16.NOV.2021 23:05:05



Date: 16.NOV.2021 23:06:20

Highest Channel



Date: 16.NOV.2021 23:07:26

Frequency Stability

Test Conditions		LTE Band 48 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 20MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0021	PASS
40	Normal Voltage	0.0018	
30	Normal Voltage	0.0025	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0023	
0	Normal Voltage	0.0016	
-10	Normal Voltage	0.0025	
-20	Normal Voltage	0.0019	
-30	Normal Voltage	0.0014	
20	Maximum Voltage	0.0021	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0042	

Note:

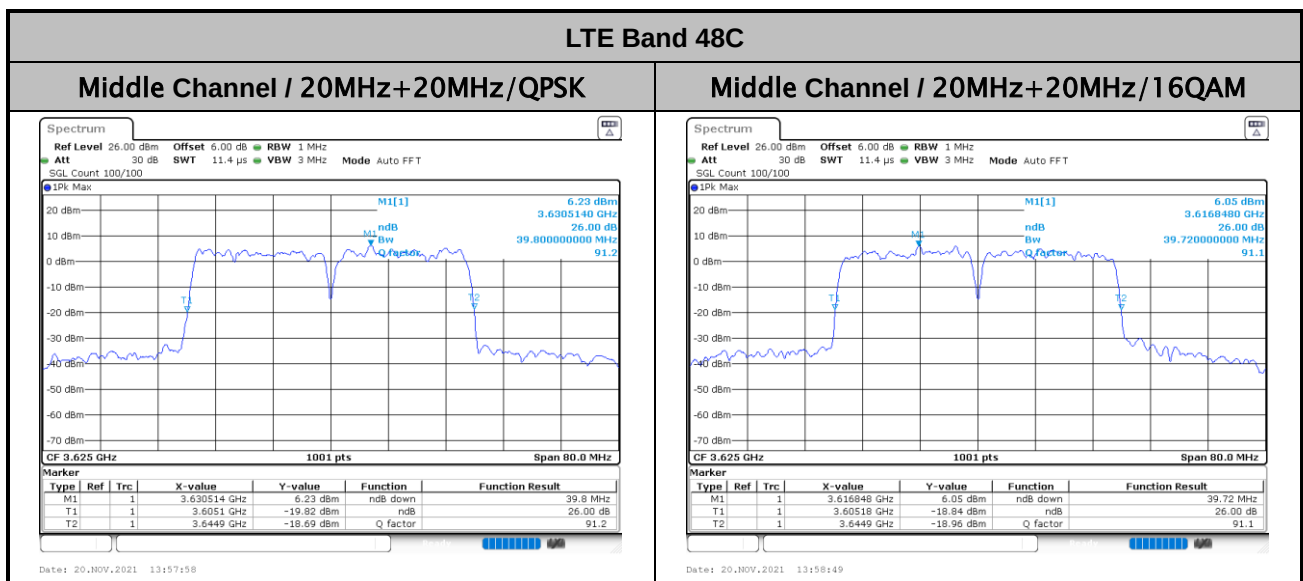
1. Normal Voltage =12 V. ; Battery End Point (BEP) =10.8 V. ; Maximum Voltage =13.2 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



LTE Band 48C

26dB Bandwidth

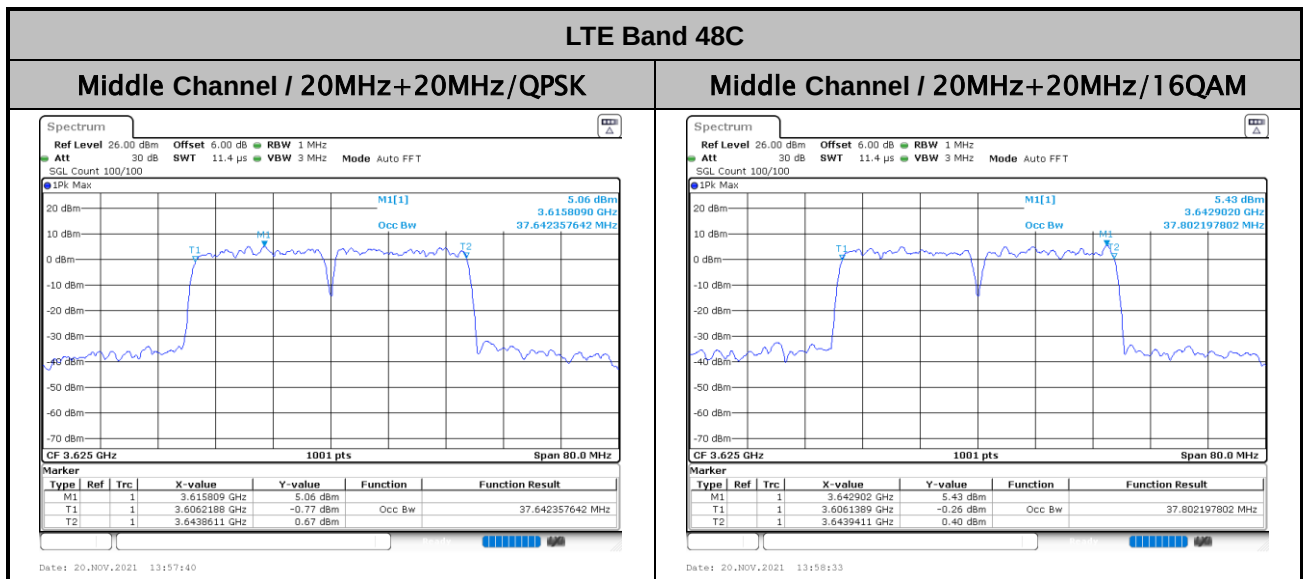
Mode	LTE Band 48C : 26dB BW(MHz)	
QPSK	QPSK	16QAM
BW	20MHz+20MHz	20MHz+20MHz
Middle CH	39.80	39.72





Occupied Bandwidth

Mode	LTE Band 48C : OBW(MHz)	
QPSK	QPSK	16QAM
BW	20MHz+20MHz	20MHz+20MHz
Middle CH	37.64	37.80





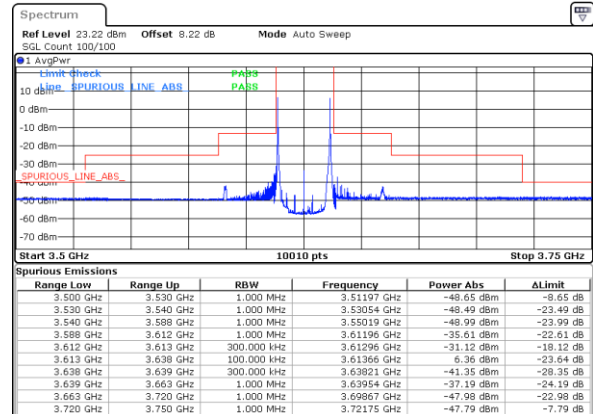
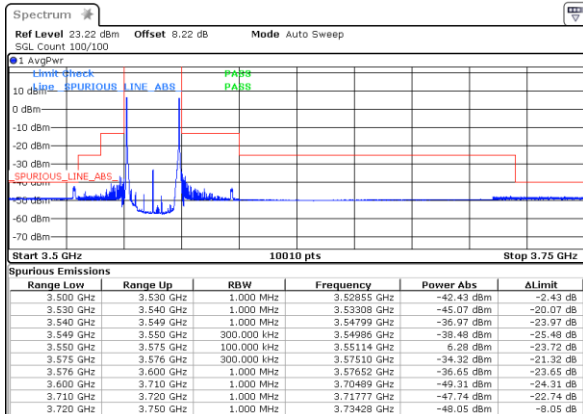
Conducted Band Edge

LTE Band 48C / 5MHz+20MHz

QPSK

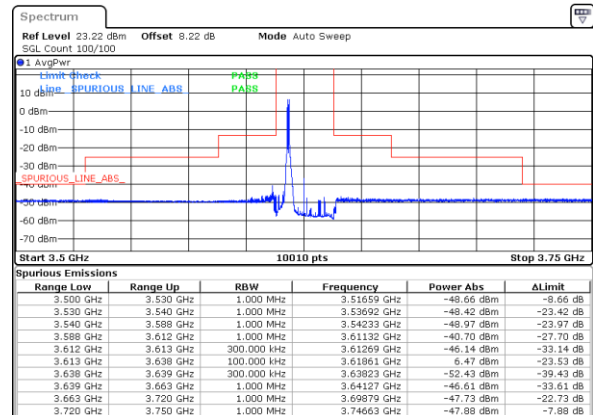
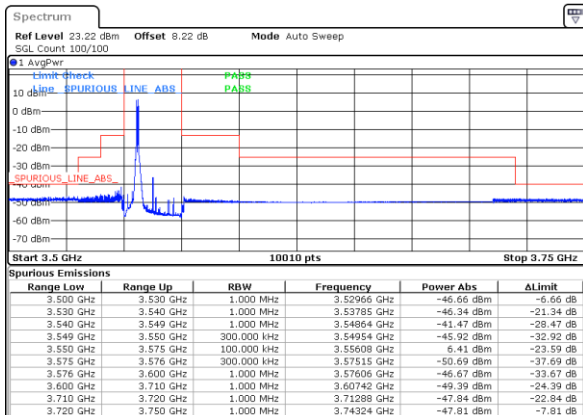
Lowest Band Edge / 1RB0 and 1RB99

Middle Band Edge / 1RB0 and 1RB99



Lowest Band Edge / 1RB24 and 1RB0

Middle Band Edge / 1RB24 and 1RB0

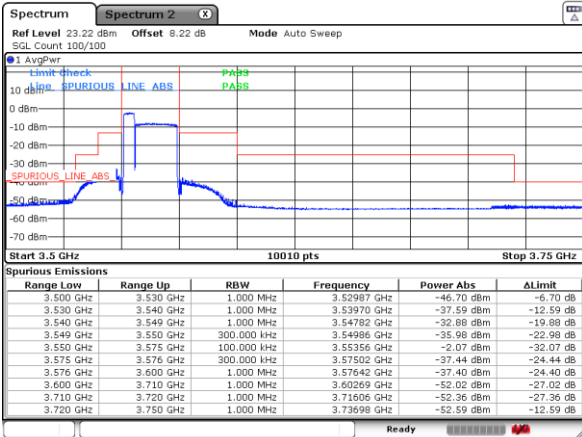


Date: 17, NOV, 2021 20:03:48

Date: 17, NOV, 2021 21:05:30

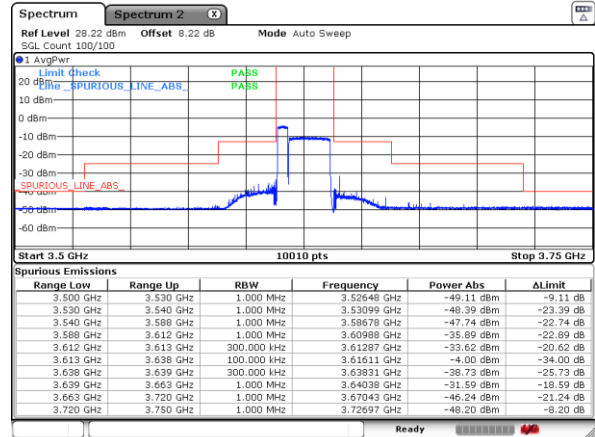


Lowest Band Edge / Full RB



Date: 22-JAN-2022 05:24:36

Middle Band Edge / Full RB



Date: 22-JAN-2022 05:16:02

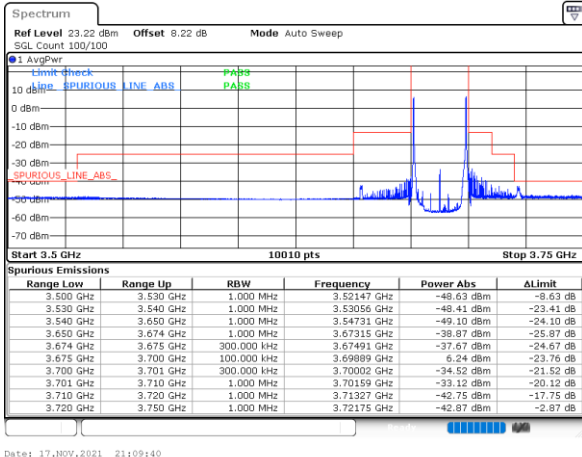


LTE Band 48C / 5MHz+20MHz

QPSK

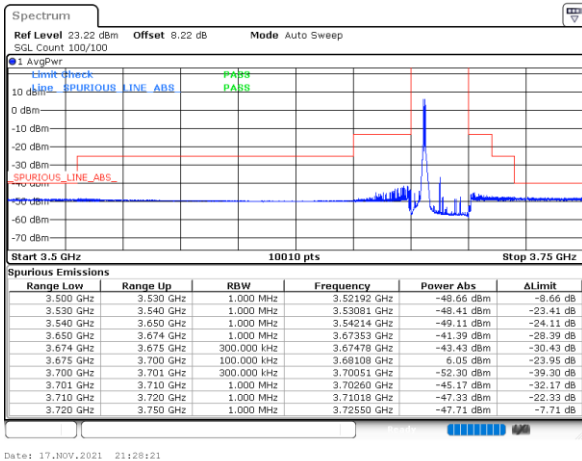
Highest Band Edge / 1RB0 and 1RB99

N/A



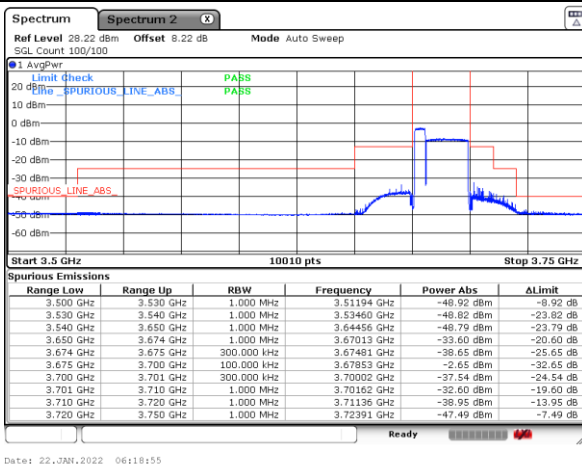
Highest Band Edge / 1RB24 and 1RB0

N/A



Highest Band Edge / Full RB

N/A

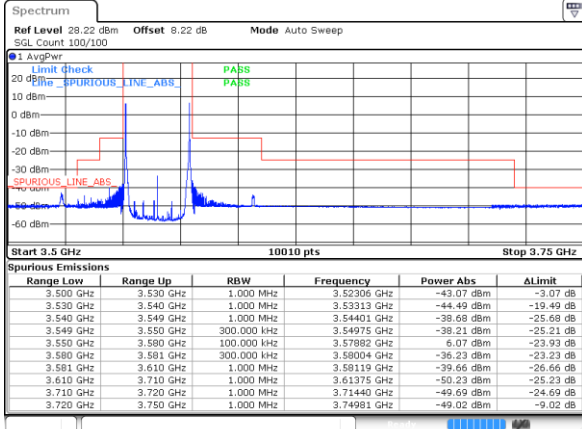




LTE Band 48C / 10MHz+20MHz

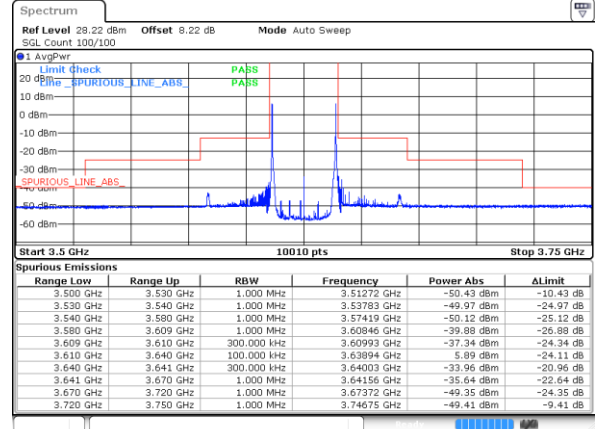
QPSK

Lowest Band Edge / 1RB0 and 1RB99



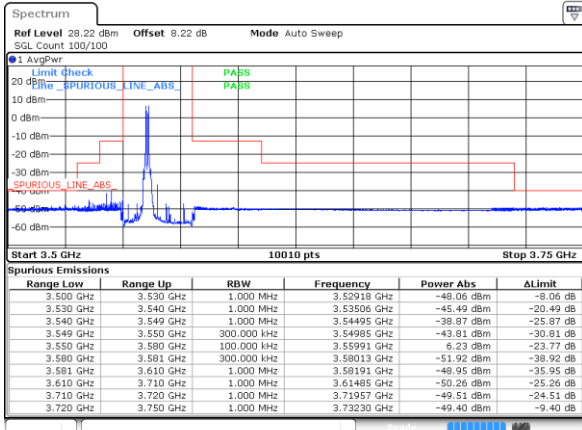
Date: 19 NOV 2021 01:22:07

Middle Band Edge / 1RB0 and 1RB99



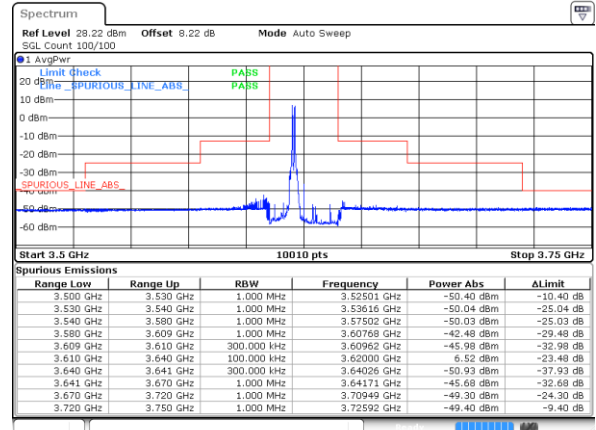
Date: 19 NOV 2021 01:55:28

Lowest Band Edge / 1RB49 and 1RB0



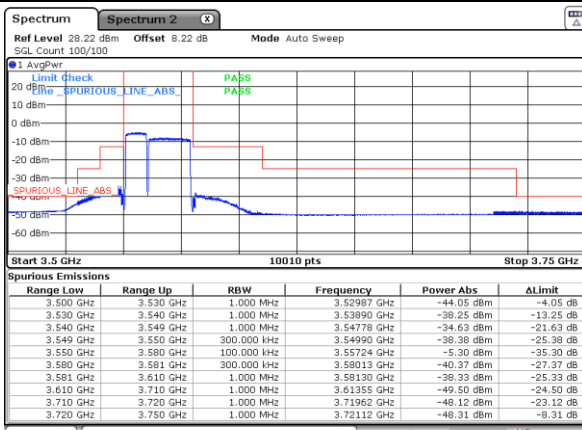
Date: 19 NOV 2021 01:25:41

Middle Band Edge / 1RB49 and 1RB0



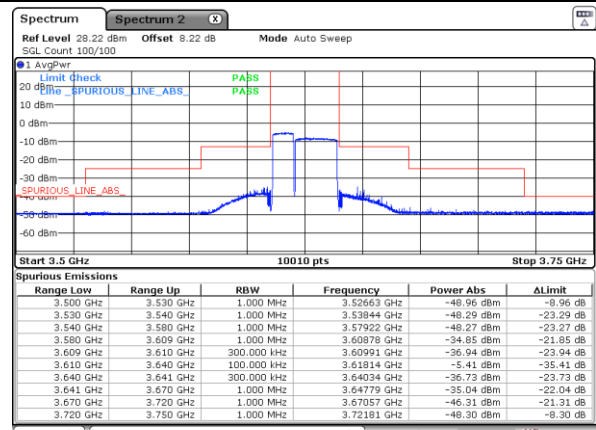
Date: 19 NOV 2021 02:23:05

Lowest Band Edge / Full RB



Date: 22 JAN 2022 04:35:12

Middle Band Edge / Full RB



Date: 22 JAN 2022 04:11:36

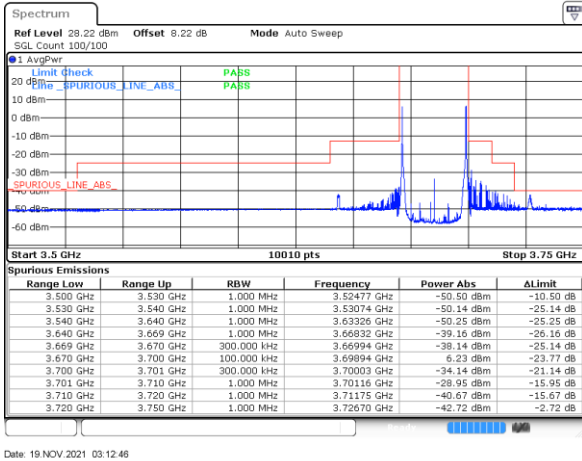


LTE Band 48C / 10MHz+20MHz

QPSK

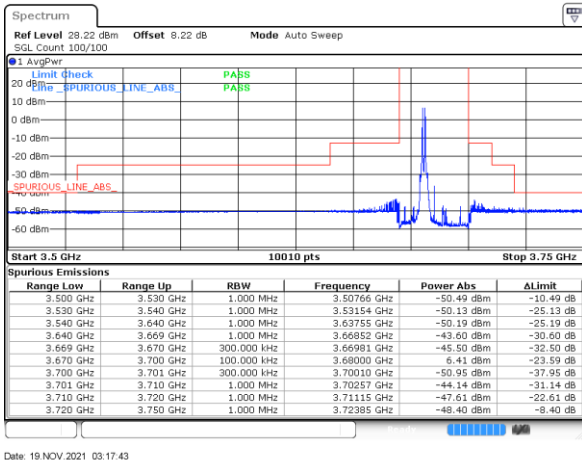
Highest Band Edge / 1RB0 and 1RB99

N/A



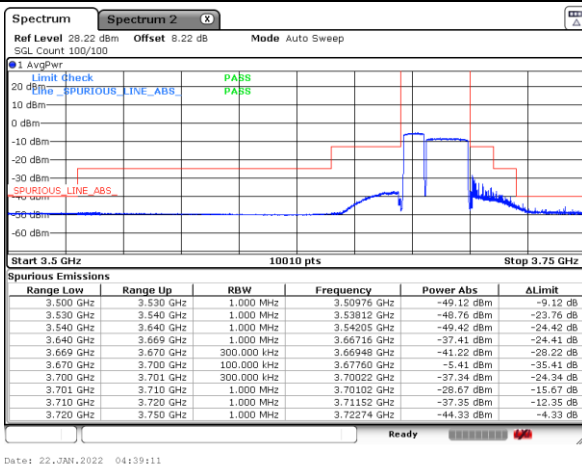
Highest Band Edge / 1RB49 and 1RB0

N/A



Highest Band Edge / Full RB

N/A

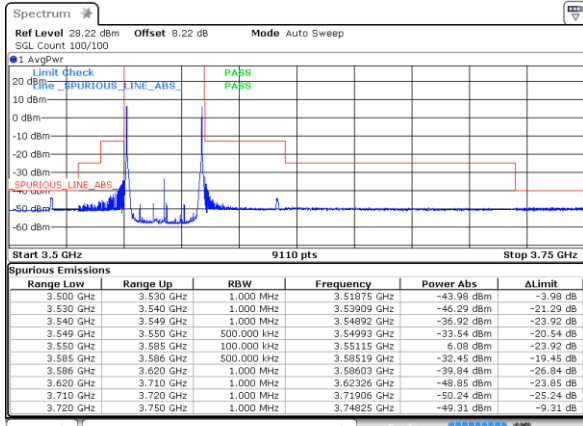




LTE Band 48C / 15MHz+20MHz

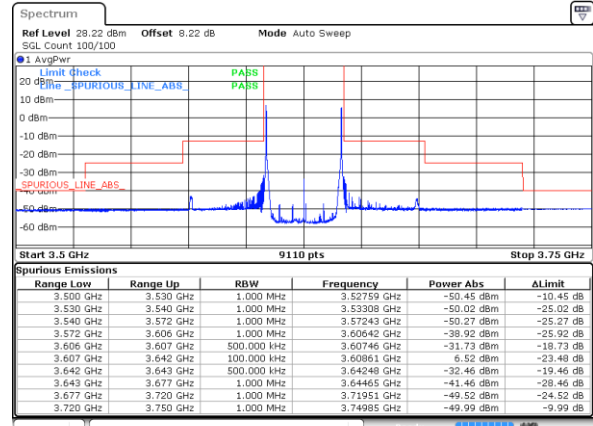
QPSK

Lowest Band Edge / 1RB0 and 1RB99



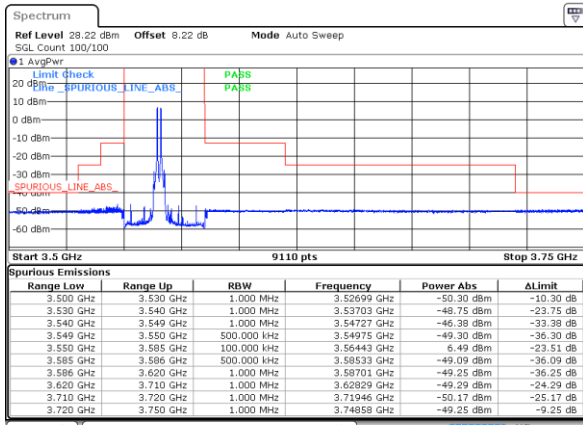
Date: 19 NOV 2021 22:53:57

Middle Band Edge / 1RB0 and 1RB99



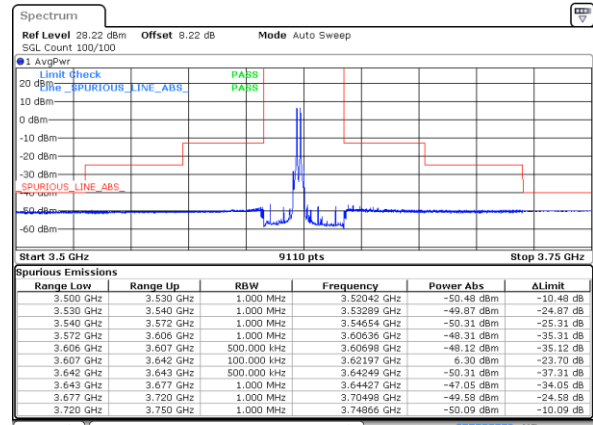
Date: 19 NOV 2021 23:33:05

Lowest Band Edge / 1RB74 and 1RB0



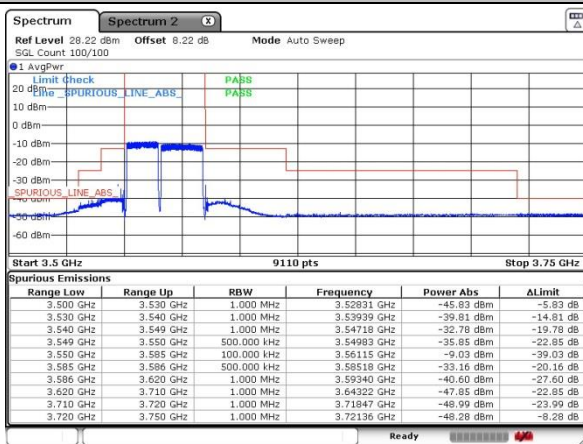
Date: 19 NOV 2021 22:57:15

Middle Band Edge / 1RB74 and 1RB0



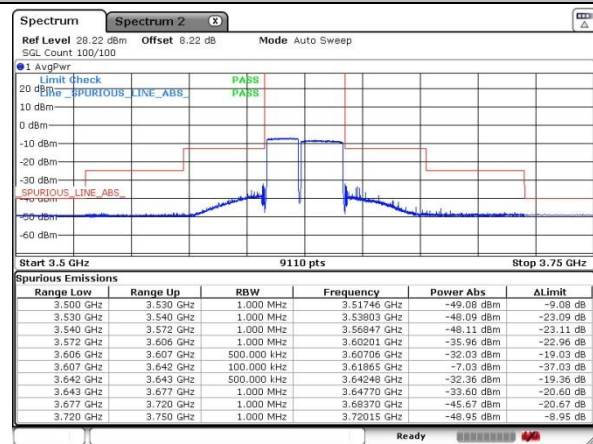
Date: 20 NOV 2021 00:09:10

Lowest Band Edge / Full RB



Date: 22 JAN 2022 03:44:52

Middle Band Edge / Full RB



Date: 22 JAN 2022 03:33:01

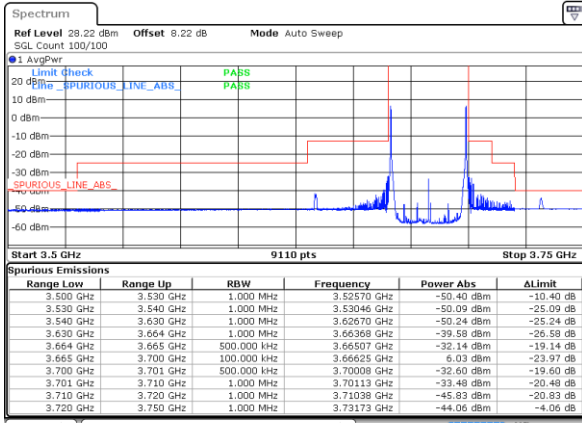


LTE Band 48C / 15MHz+20MHz

QPSK

Highest Band Edge / 1RB0 and 1RB99

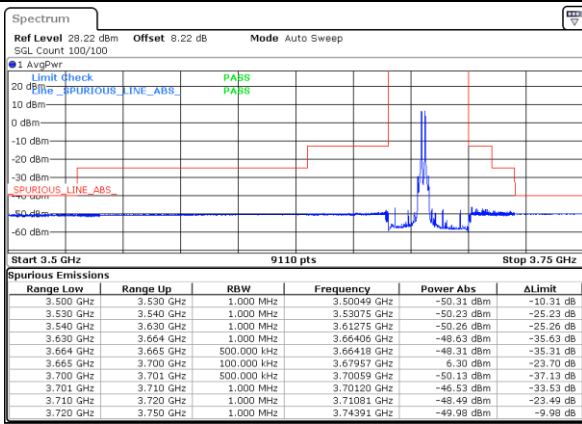
N/A



Date: 20 NOV 2021 01:16:24

Highest Band Edge / 1RB74 and 1RB0

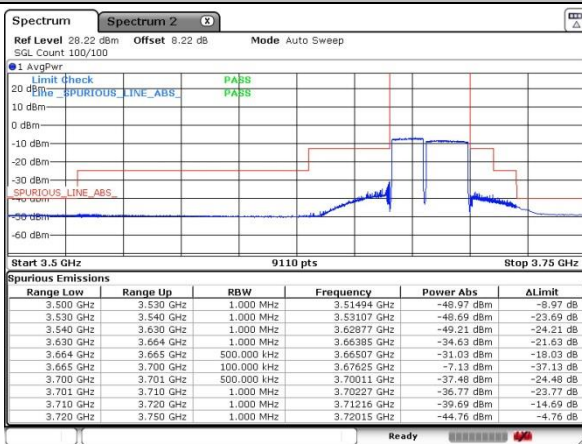
N/A



Date: 20 NOV 2021 01:19:11

Highest Band Edge / Full RB

N/A



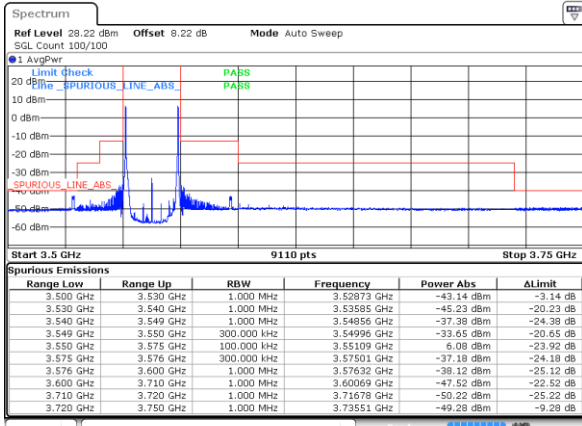
Date: 22 JAN 2022 04:07:53



LTE Band 48C/ 20MHz+5MHz

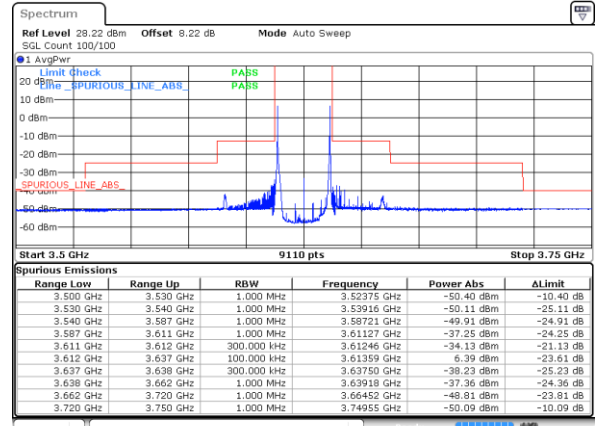
QPSK

Lowest Band Edge / 1RB0 and 1RB24



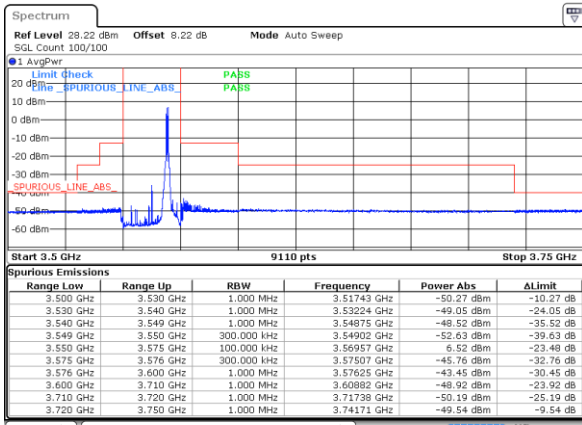
Date: 18 NOV 2021 23:23:01

Middle Band Edge / 1RB0 and 1RB24



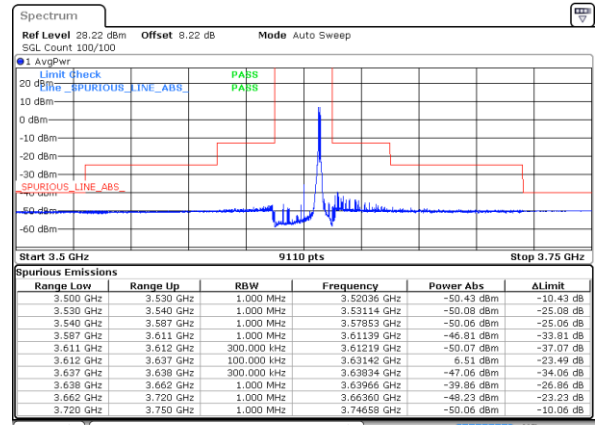
Date: 18 NOV 2021 22:56:34

Lowest Band Edge / 1RB99 and 1RB0



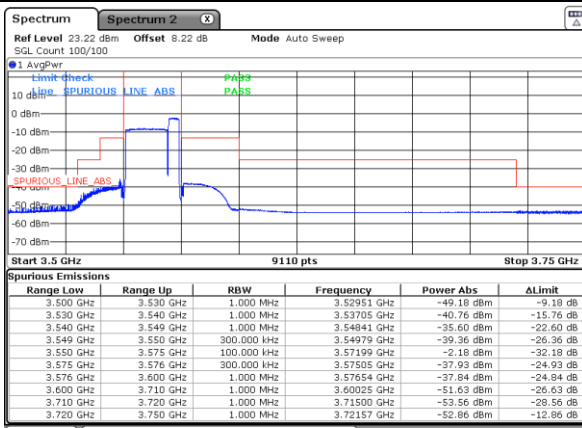
Date: 18 NOV 2021 23:44:39

Middle Band Edge / 1RB99 and 1RB0



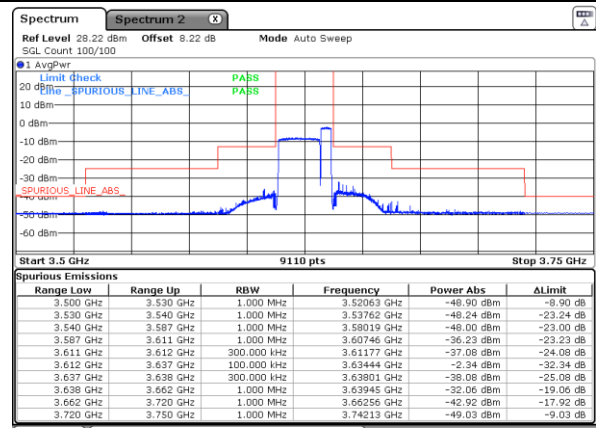
Date: 18 NOV 2021 23:01:23

Lowest Band Edge / Full RB



Date: 22 JAN 2022 02:54:41

Middle Band Edge / Full RB



Date: 22 JAN 2022 02:23:19

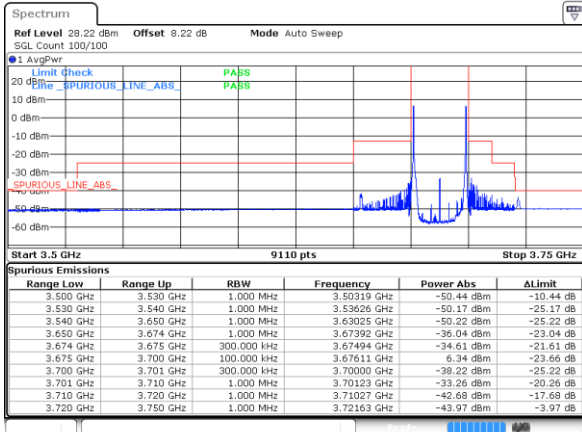


LTE Band 48C / 20MHz+5MHz

QPSK

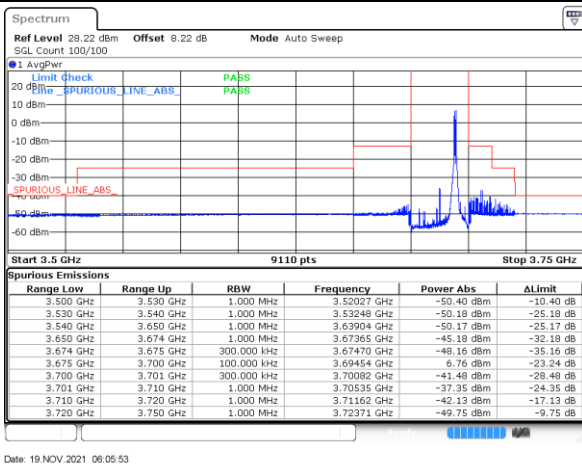
Highest Band Edge / 1RB0 and 1RB24

N/A



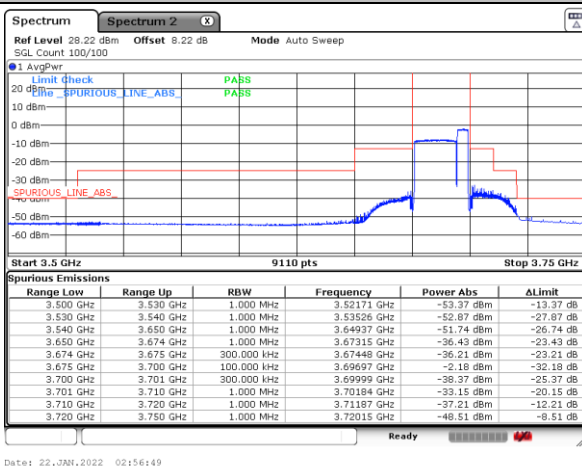
Highest Band Edge / 1RB99 and 1RB0

N/A



Highest Band Edge / Full RB

N/A

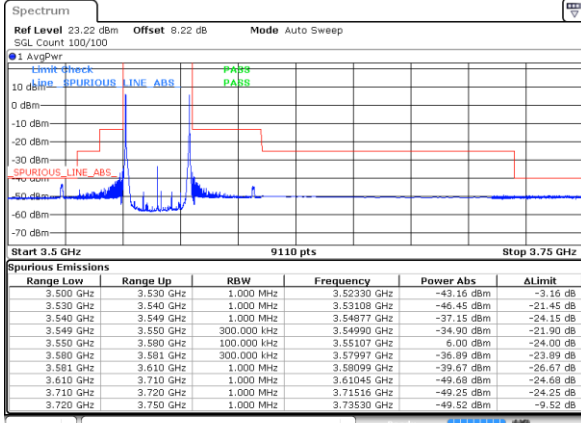




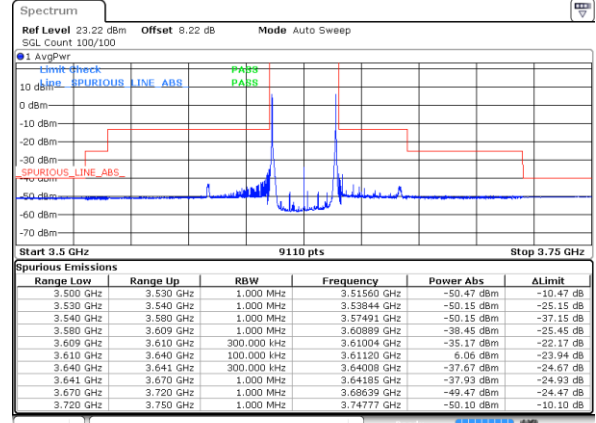
LTE Band 48C / 20MHz+10MHz

QPSK

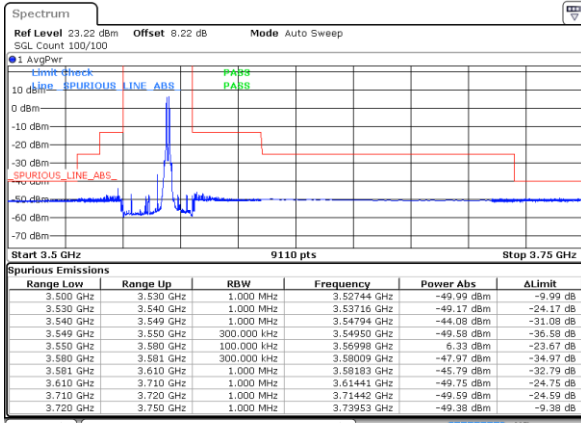
Lowest Band Edge / 1RB0 and 1RB49



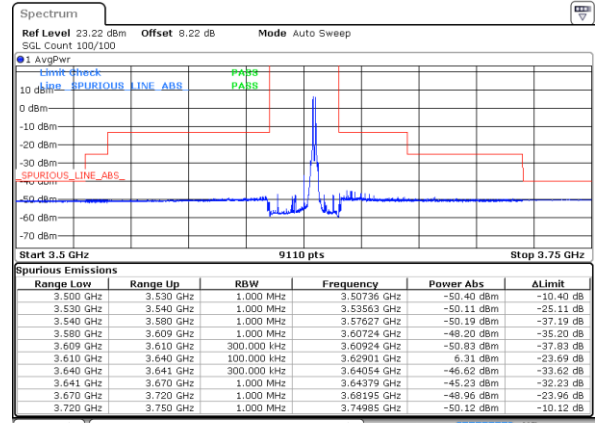
Middle Band Edge / 1RB0 and 1RB49



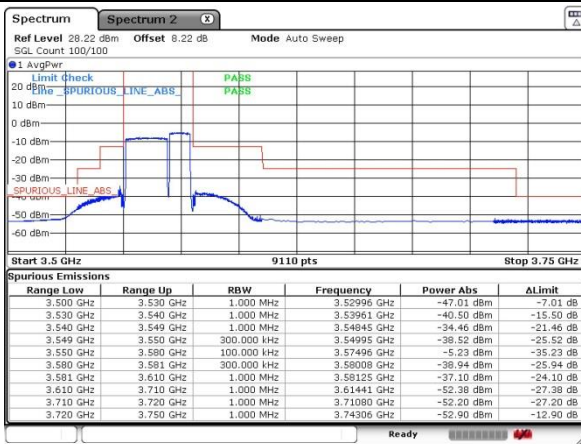
Lowest Band Edge / 1RB99 and 1RB0



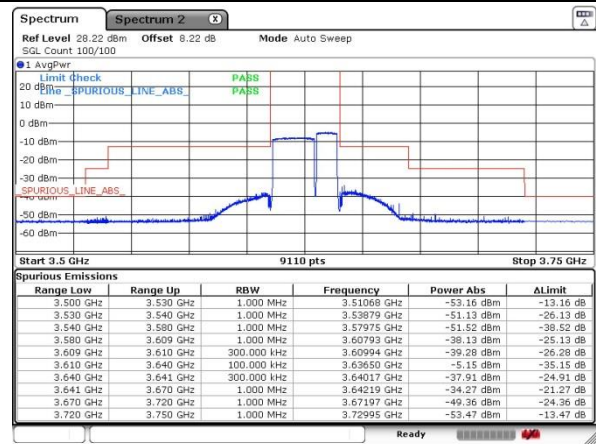
Middle Band Edge / 1RB99 and 1RB0



Lowest Band Edge / Full RB



Middle Band Edge / Full RB



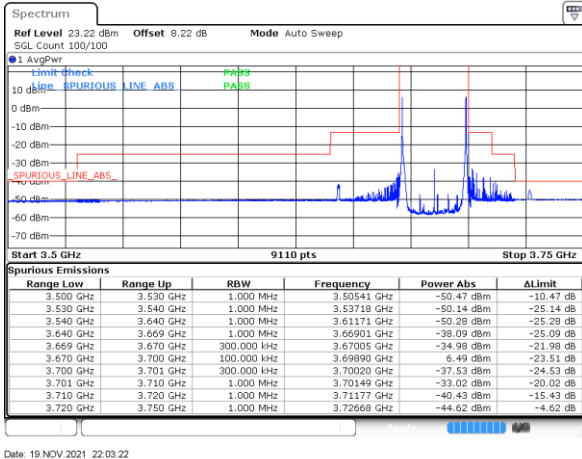


LTE Band 48C / 20MHz+10MHz

QPSK

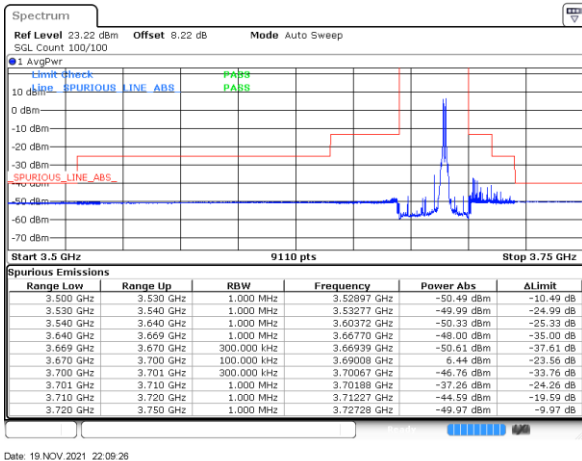
Highest Band Edge / 1RB0 and 1RB49

N/A



Highest Band Edge / 1RB99 and 1RB0

N/A



Highest Band Edge / Full RB

N/A

