

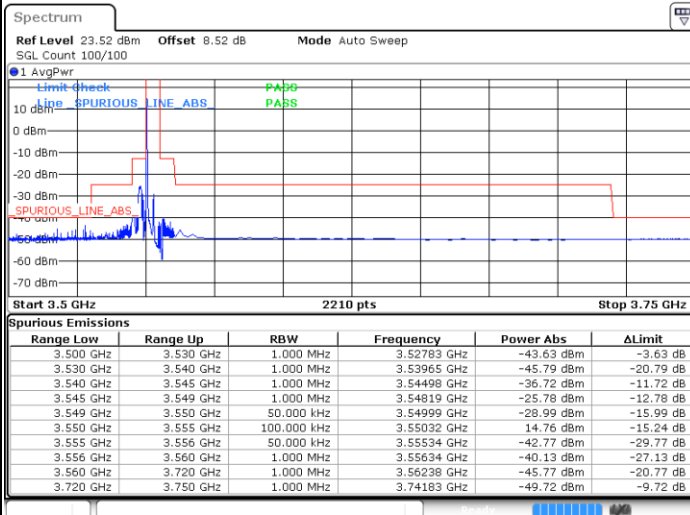


LTE Band 48 / 5MHz

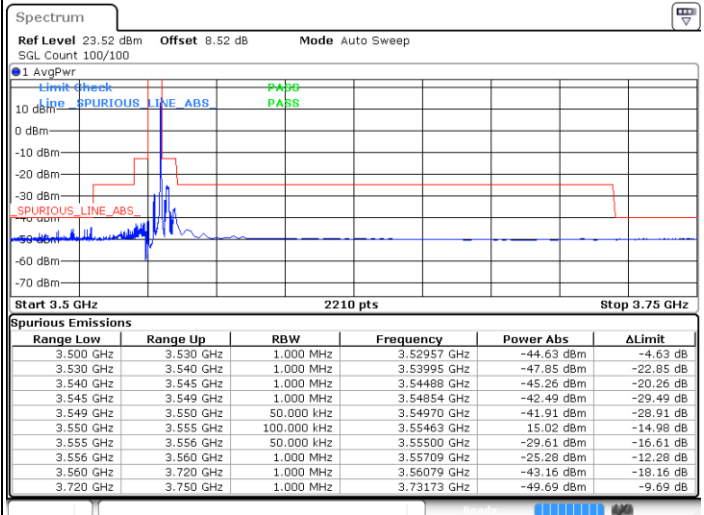
256QAM

Lowest Channel / 1RB0

Lowest Channel / 1RBmax



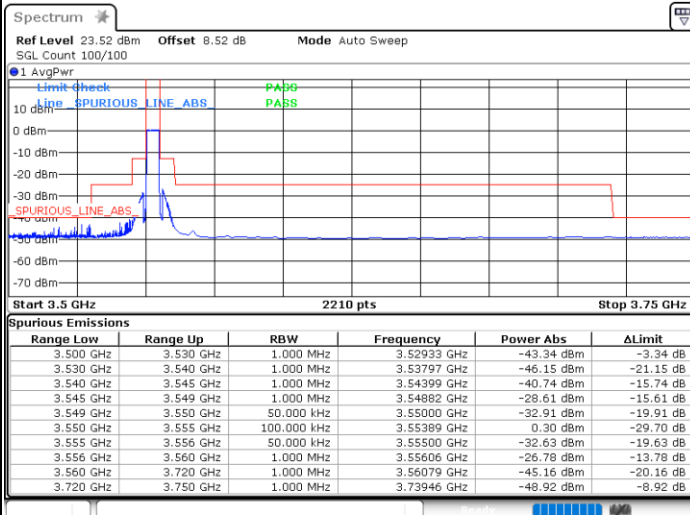
Date: 26 NOV 2021 16:06:32



Date: 26 NOV 2021 16:14:19

Lowest Channel / Full RB

N/A



Date: 26 NOV 2021 18:54:05

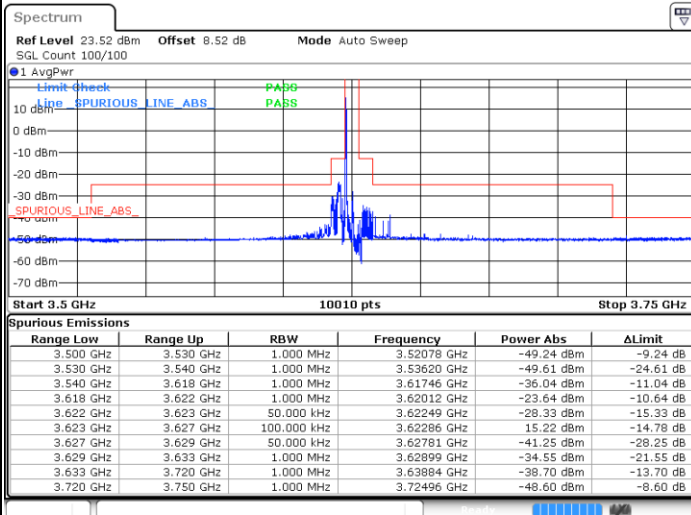


LTE Band 48 / 5MHz

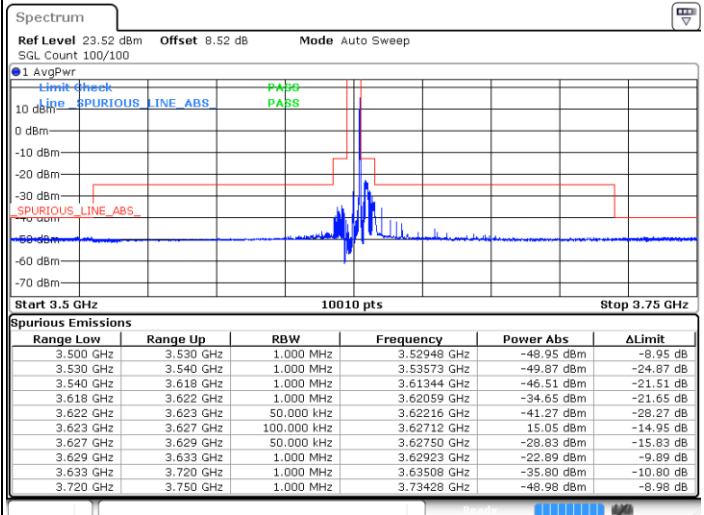
256QAM

Middle Channel / 1RB0

Middle Channel / 1RBmax



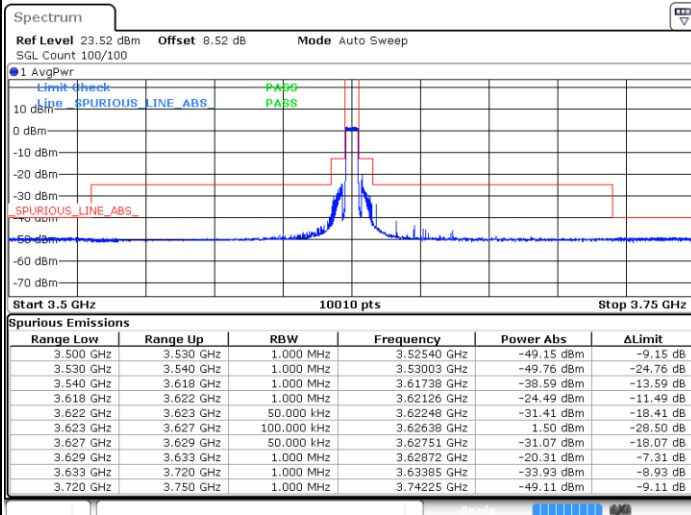
Date: 26 NOV 2021 16:32:50



Date: 26 NOV 2021 16:36:40

Middle Channel / Full RB

N/A



Date: 26 NOV 2021 16:38:12

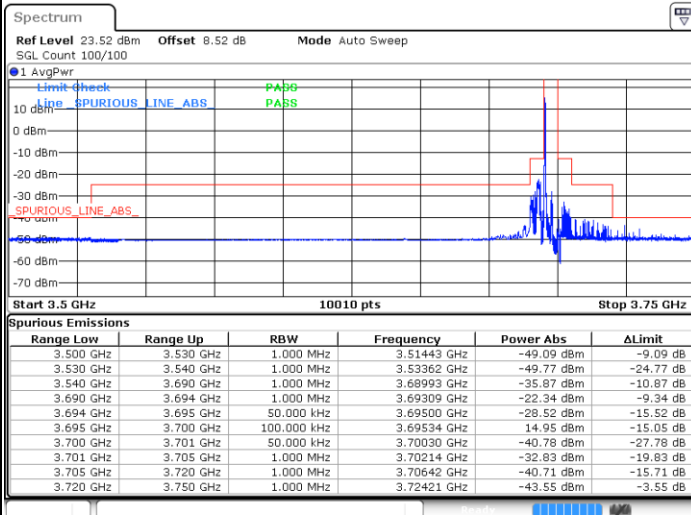


LTE Band 48 / 5MHz

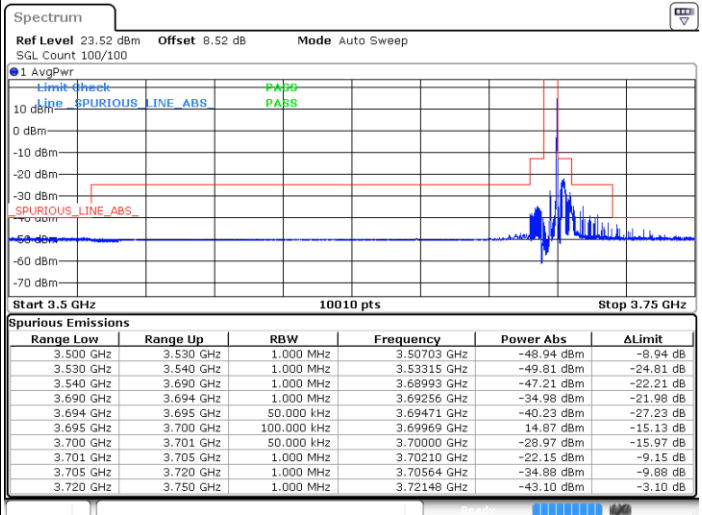
256QAM

Highest Channel / 1RB0

Highest Channel / 1RBmax



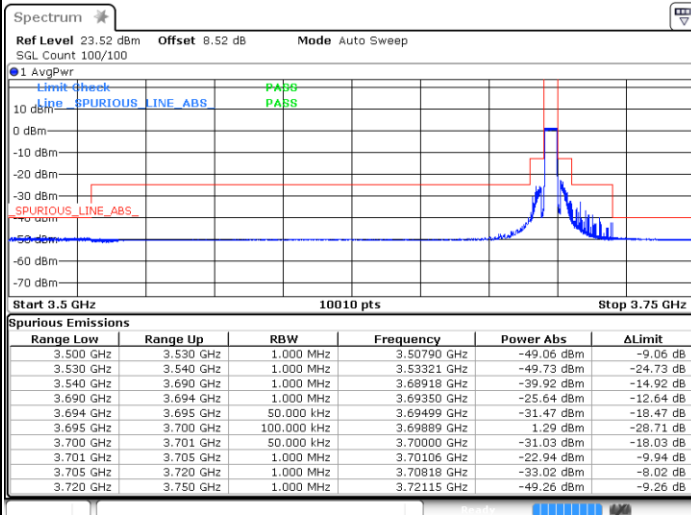
Date: 26 NOV 2021 16:56:19



Date: 26 NOV 2021 16:50:21

Highest Channel / Full RB

N/A



Date: 26 NOV 2021 16:44:58

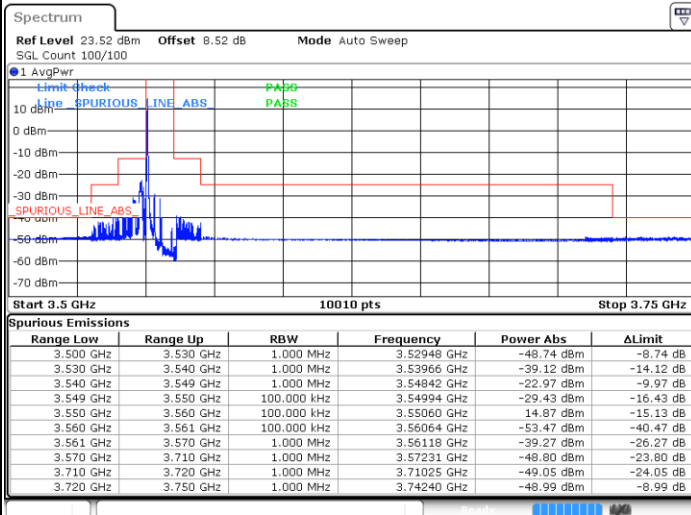


LTE Band 48 / 10MHz

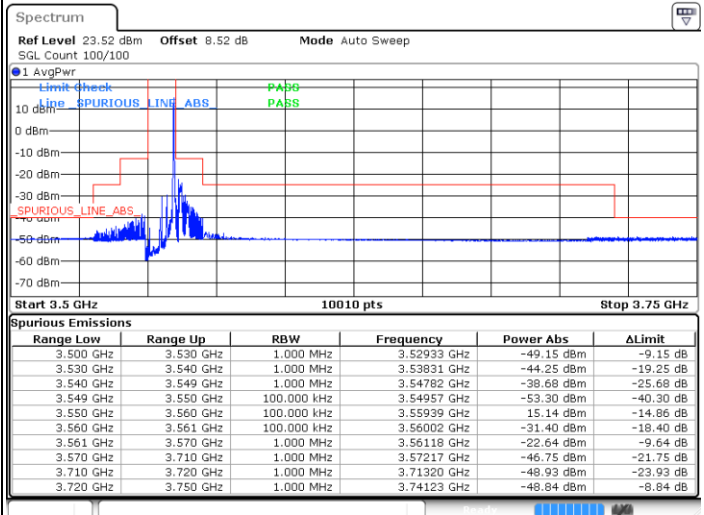
256QAM

Lowest Channel / 1RB0

Lowest Channel / 1RBmax



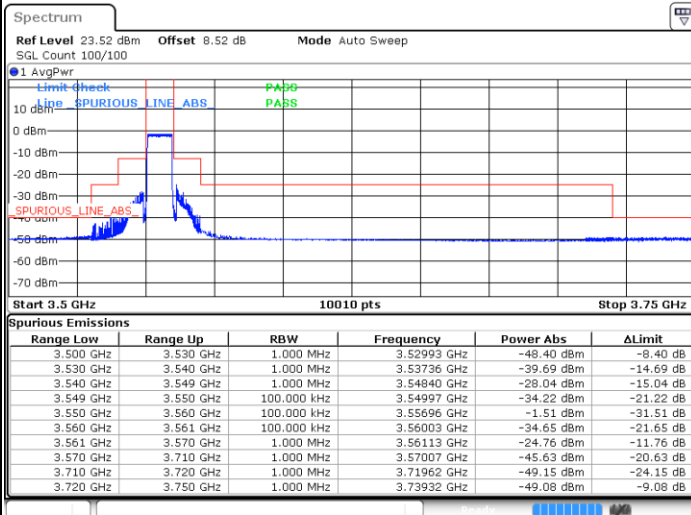
Date: 26 NOV 2021 17:02:16



Date: 26 NOV 2021 17:06:49

Lowest Channel / Full RB

N/A



Date: 26 NOV 2021 17:18:59

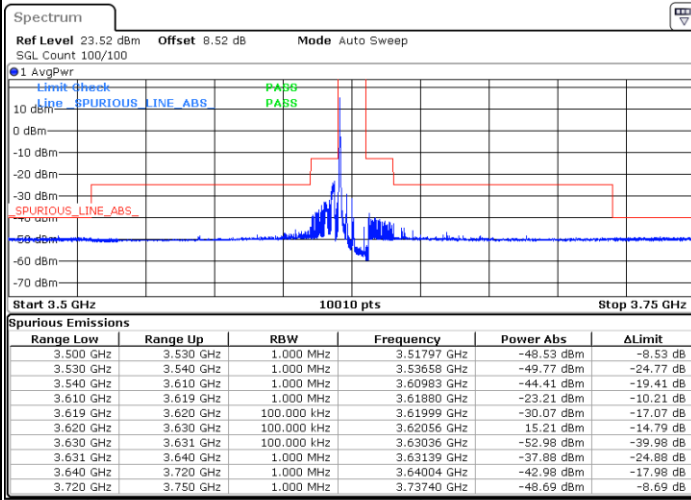


LTE Band 48 / 10MHz

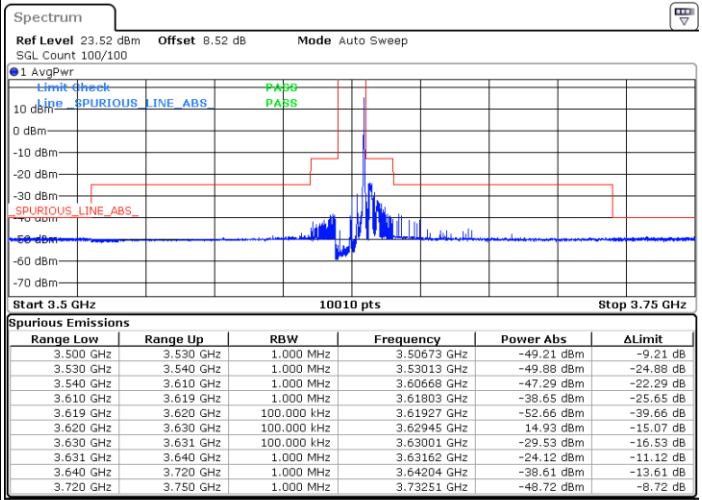
256QAM

MiddleChannel / 1RB0

Middle Channel / 1RBmax



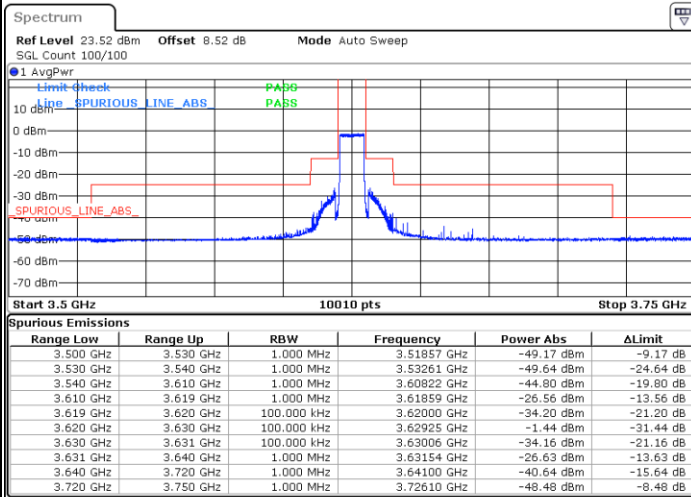
Date: 26 NOV 2021 17:29:05



Date: 26 NOV 2021 17:34:32

Middle Channel / Full RB

N/A



Date: 26 NOV 2021 17:24:00

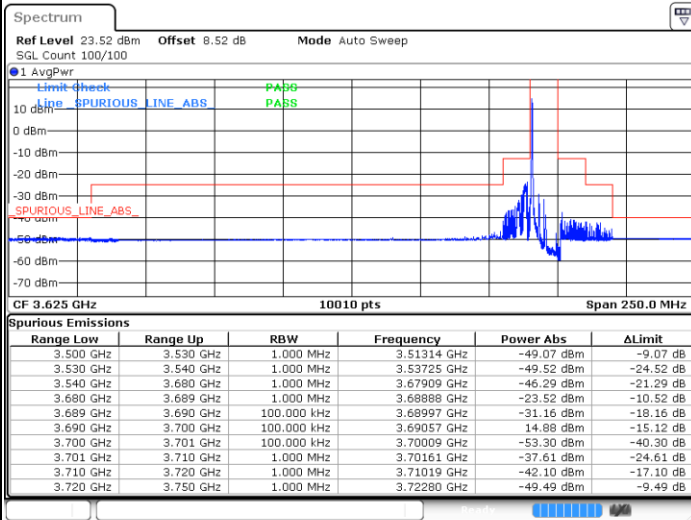


LTE Band 48 / 10MHz

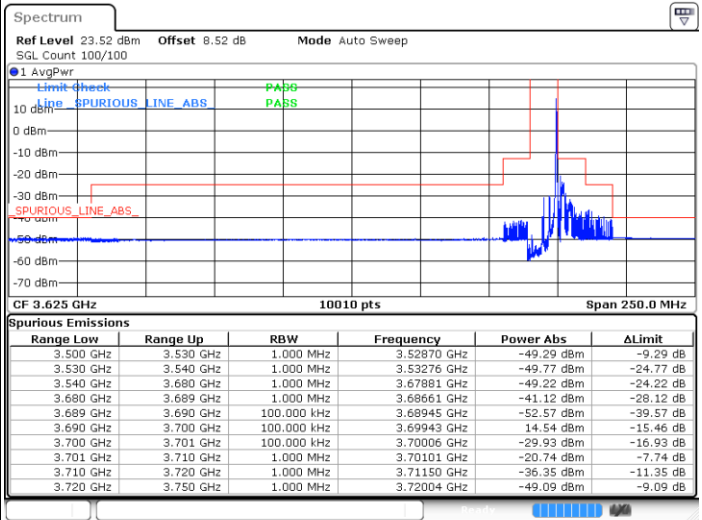
256QAM

Highest Channel / 1RB0

Highest Channel / 1RBmax



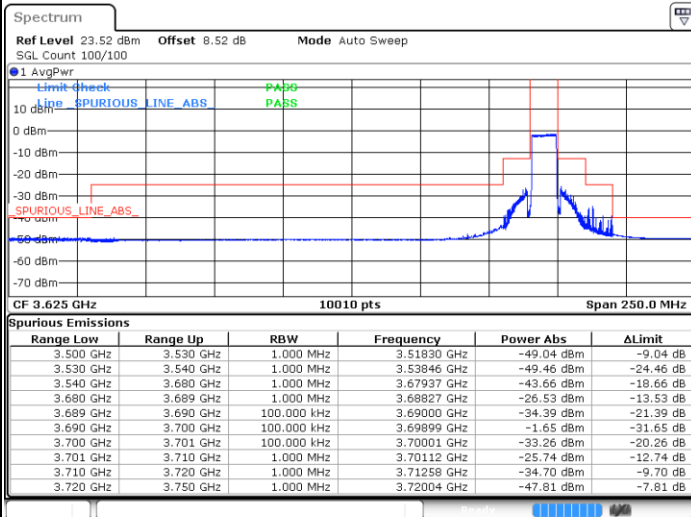
Date: 26 NOV 2021 17:59:21



Date: 26 NOV 2021 18:39:03

Highest Channel / Full RB

N/A



Date: 26 NOV 2021 17:46:37

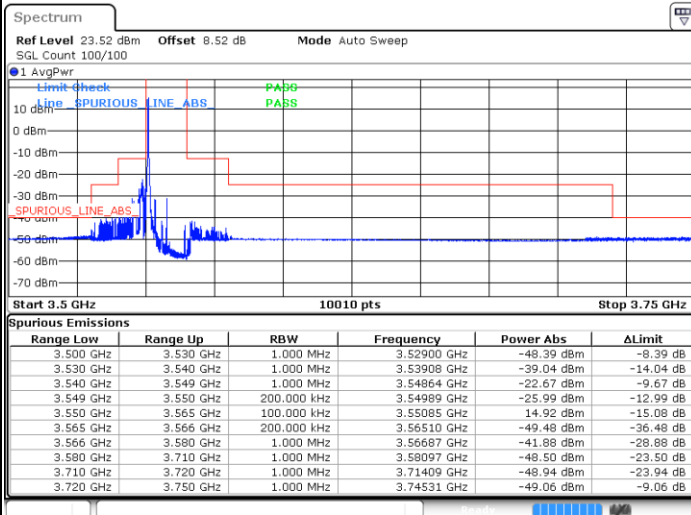


LTE Band 48 / 15MHz

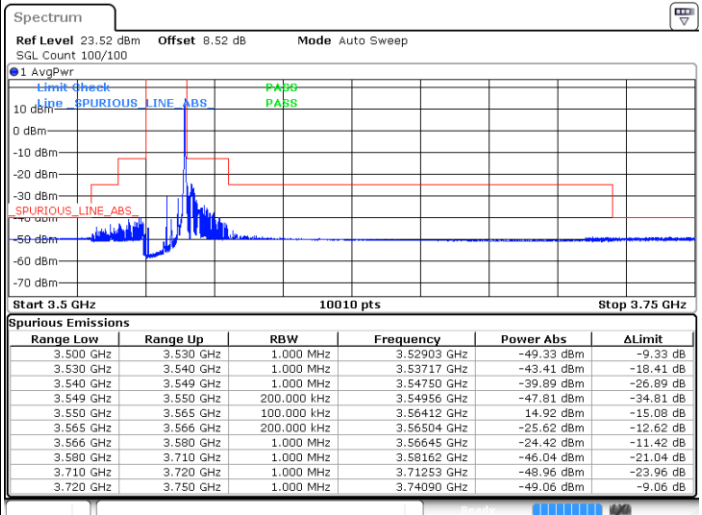
256QAM

Lowest Channel / 1RB0

Lowest Channel / 1RBmax



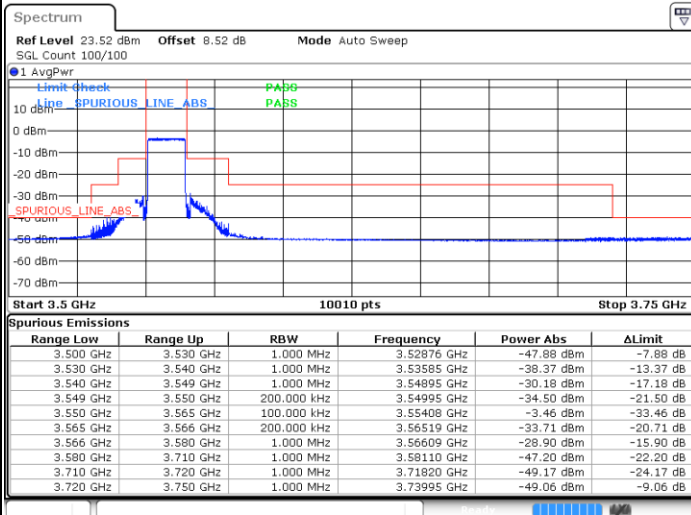
Date: 26 NOV 2021 18:51:01



Date: 26 NOV 2021 18:45:05

Lowest Channel / Full RB

N/A



Date: 26 NOV 2021 18:56:27

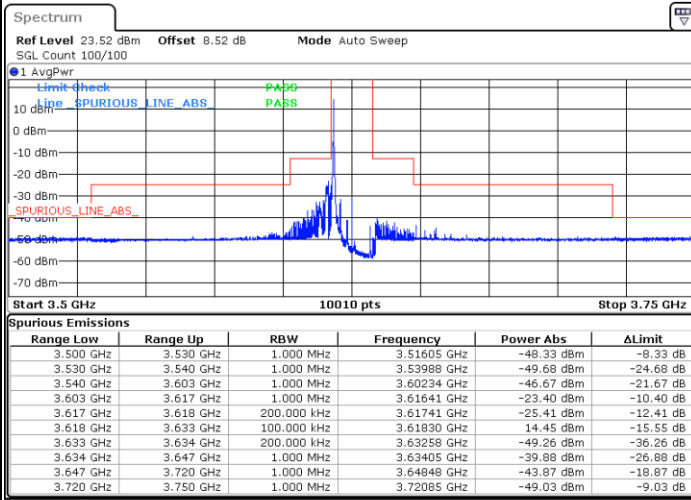


LTE Band 48 / 15MHz

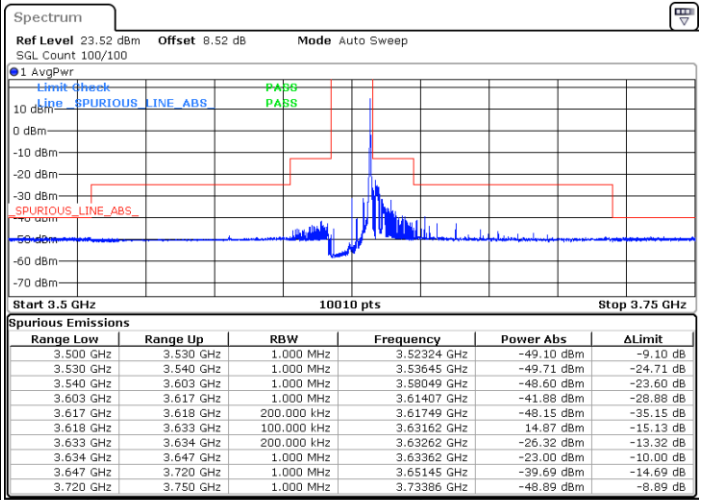
256QAM

Middle Channel / 1RB0

Middle Channel / 1RBmax



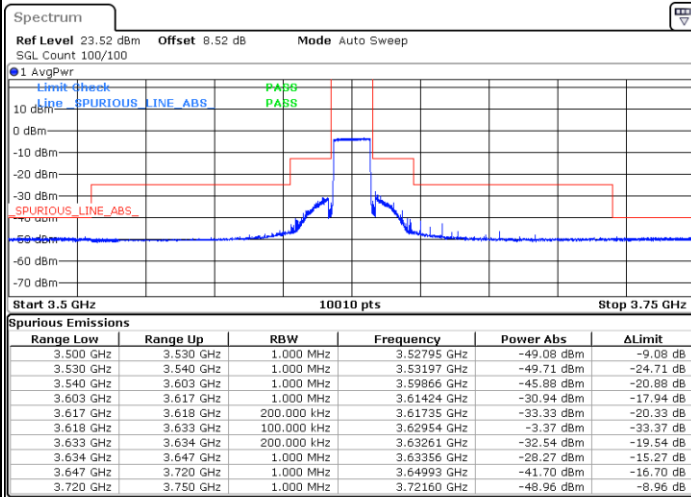
Date: 26 NOV 2021 19:04:46



Date: 26 NOV 2021 19:10:23

Middle Channel / Full RB

N/A



Date: 26 NOV 2021 19:14:54

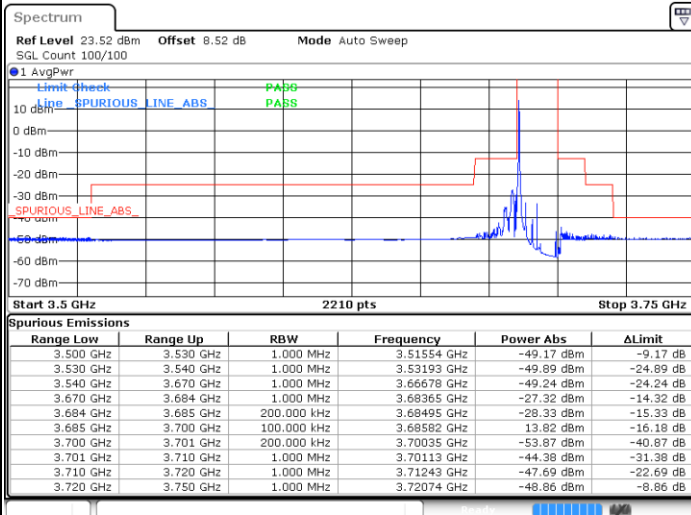


LTE Band 48 / 15MHz

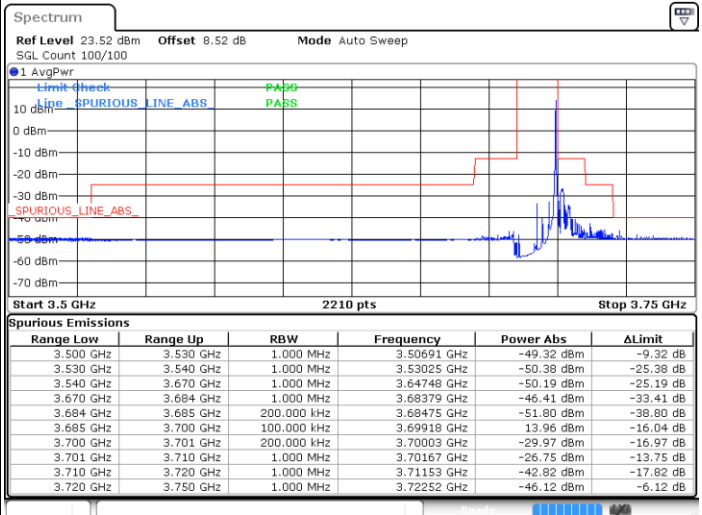
256QAM

Highest Channel / 1RB0

Highest Channel / 1RBmax



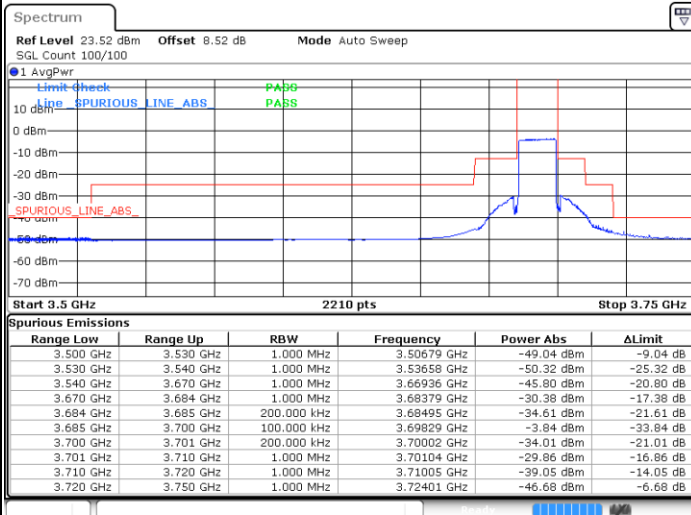
Date: 26 NOV 2021 19:29:11



Date: 26 NOV 2021 19:24:37

Highest Channel / Full RB

N/A



Date: 26 NOV 2021 19:19:33

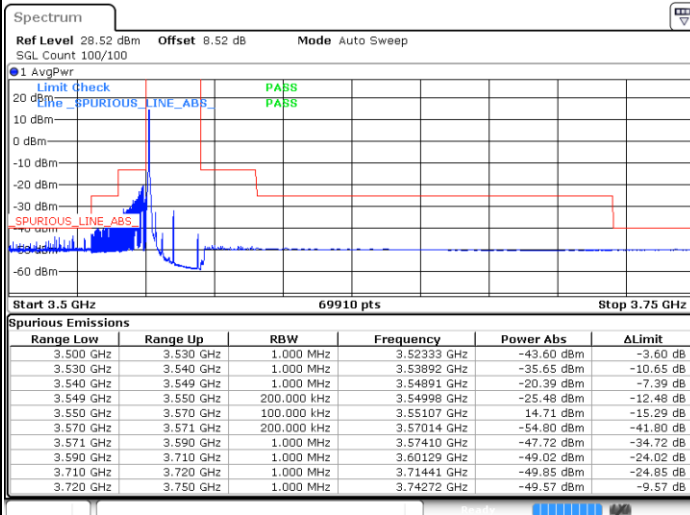


LTE Band 48 / 20MHz

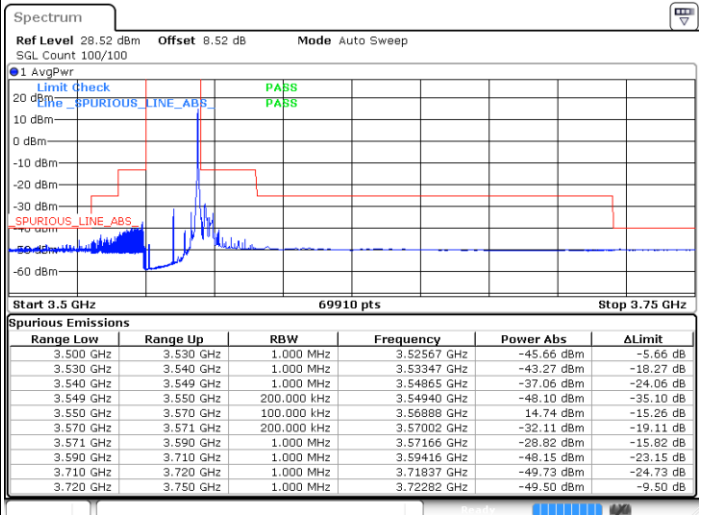
256QAM

Lowest Channel / 1RB0

Lowest Channel / 1RBmax



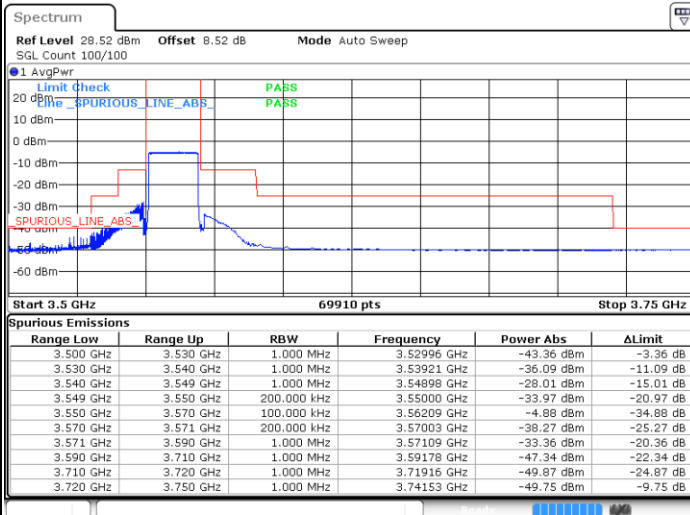
Date: 26 NOV 2021 19:43:28



Date: 26 NOV 2021 19:49:32

Lowest Channel / Full RB

N/A



Date: 26 NOV 2021 20:07:13

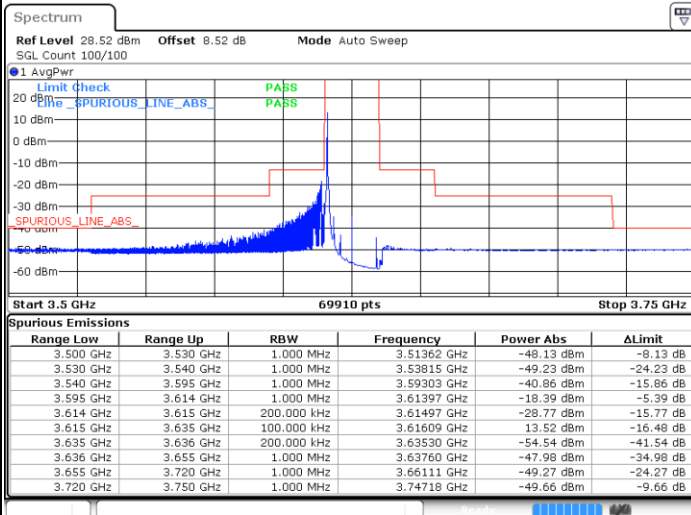


LTE Band 48 / 20MHz

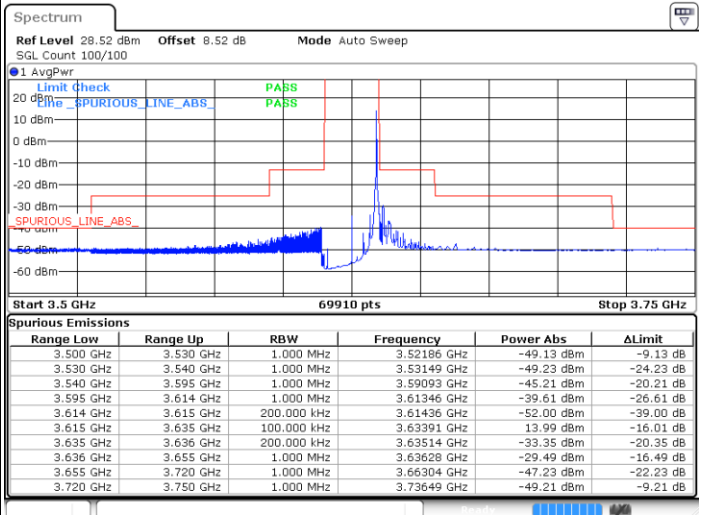
256QAM

Middle Channel / 1RB0

Middle Channel / 1RBmax



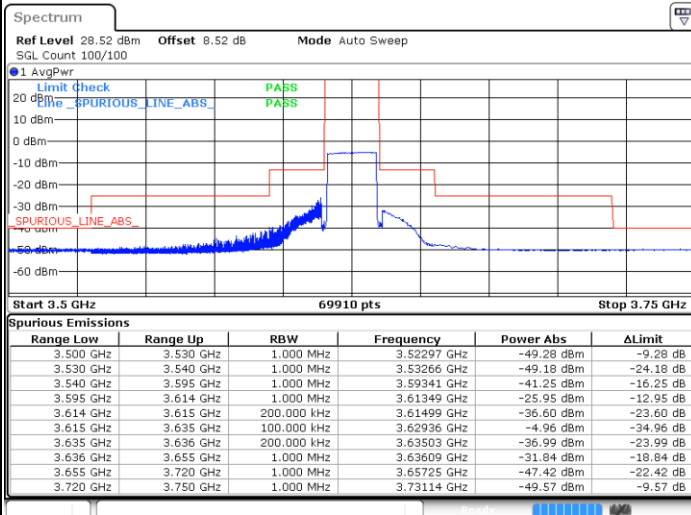
Date: 26 NOV 2021 20:25:41



Date: 26 NOV 2021 20:18:48

Middle Channel / Full RB

N/A



Date: 26 NOV 2021 20:12:55

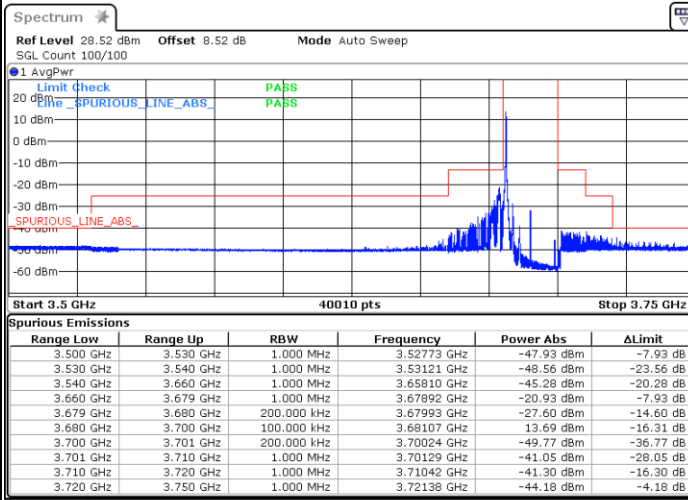


LTE Band 48 / 20MHz

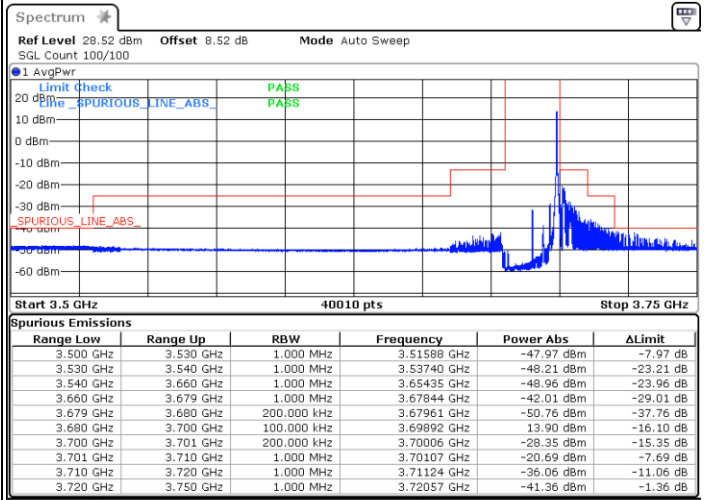
256QAM

Highest Channel / 1RB0

Highest Channel / 1RBmax



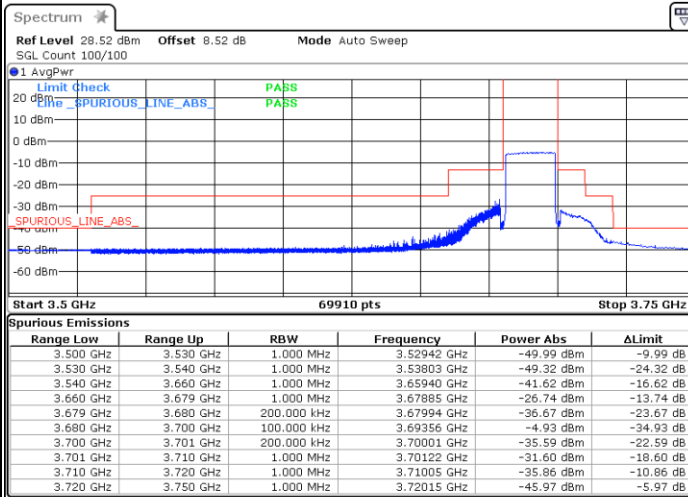
Date: 26.NOV.2021 19:49:20



Date: 26.NOV.2021 19:50:37

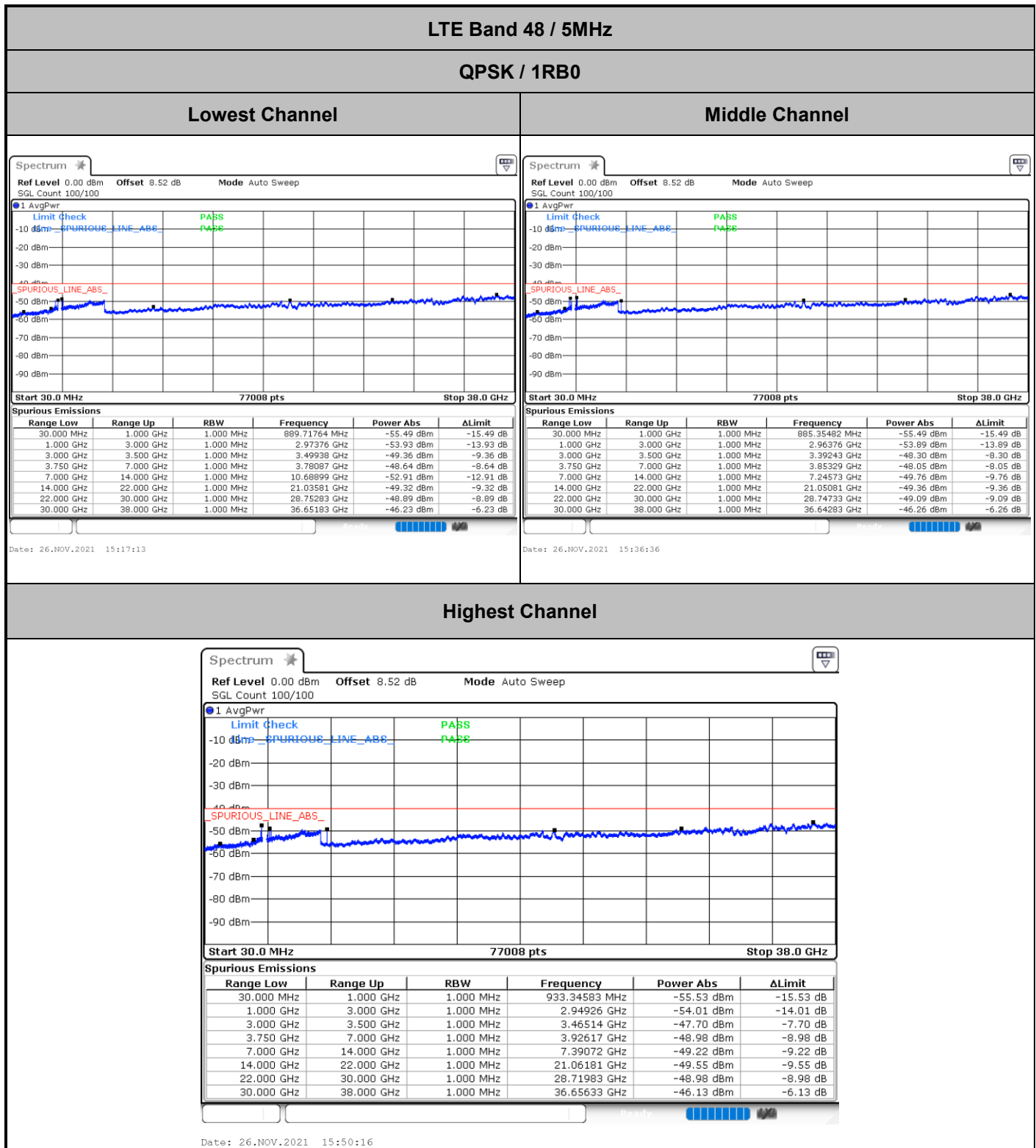
Highest Channel / Full RB

N/A



Date: 26 NOV 2021 20:50:37

Conducted Spurious Emission



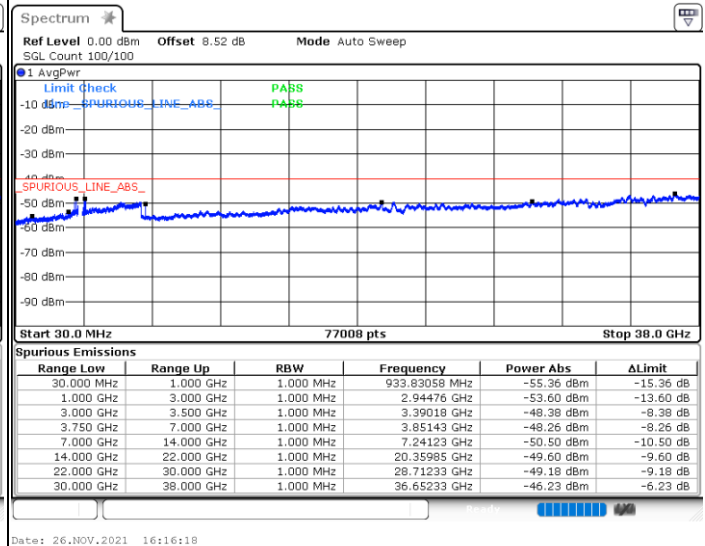
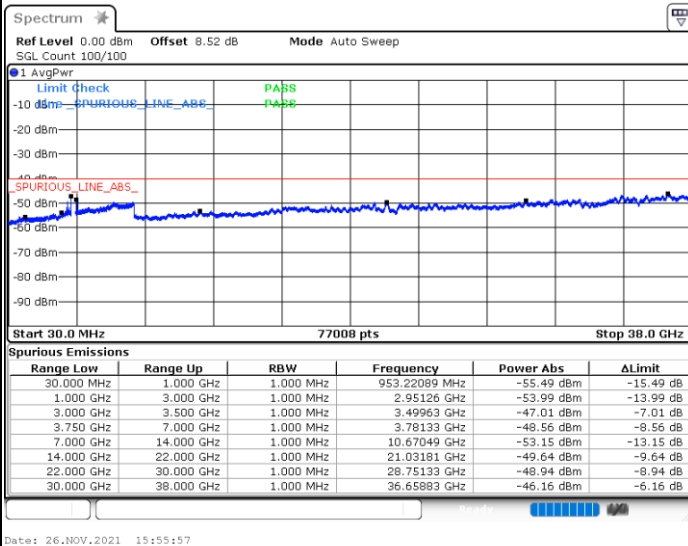


LTE Band 48 / 10MHz

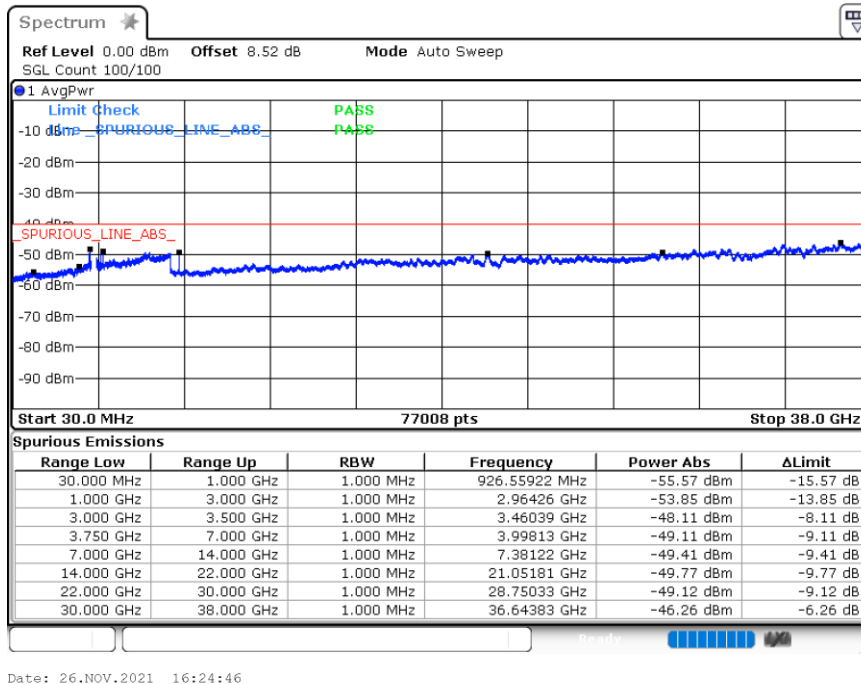
QPSK / 1RB0

Lowest Channel

Middle Channel



Highest Channel



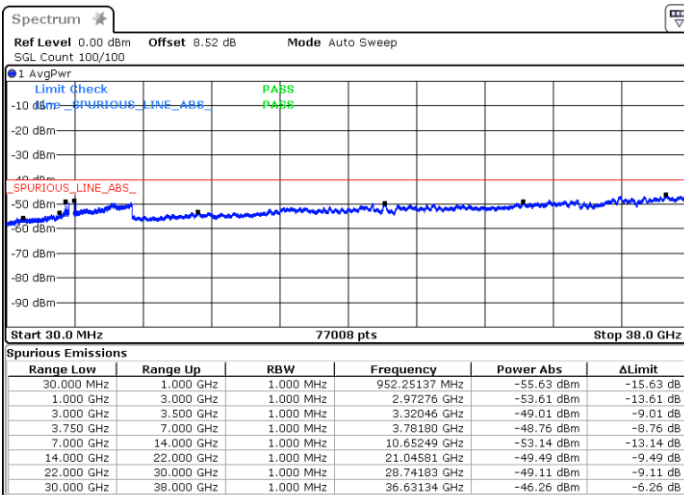


LTE Band 48 / 15MHz

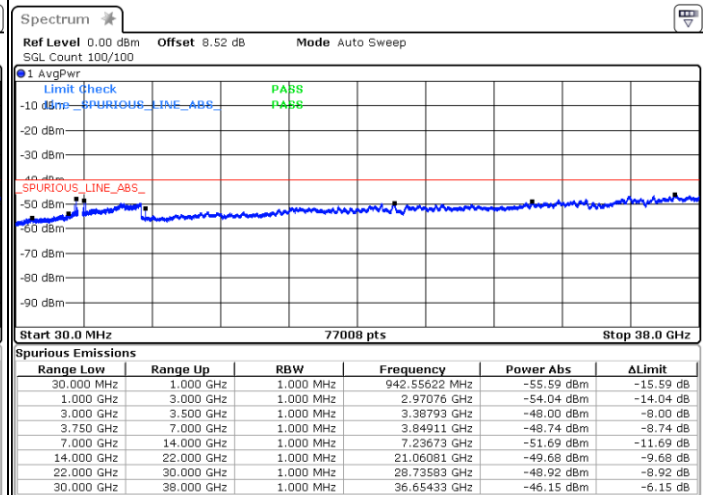
QPSK / 1RB0

Lowest Channel

Middle Channel

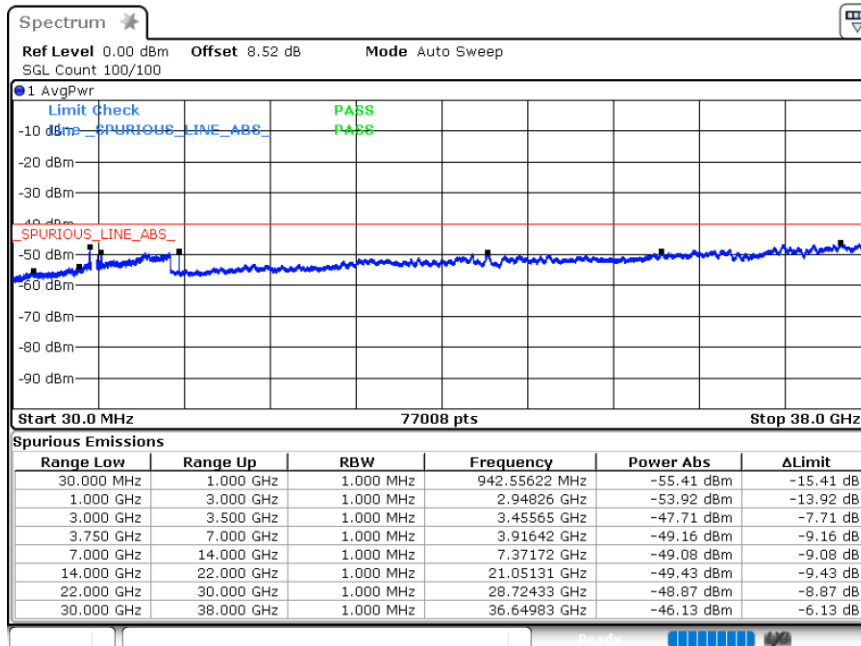


Date: 26.NOV.2021 16:37:36



Date: 26.NOV.2021 16:54:22

Highest Channel



Date: 26.NOV.2021 17:34:35

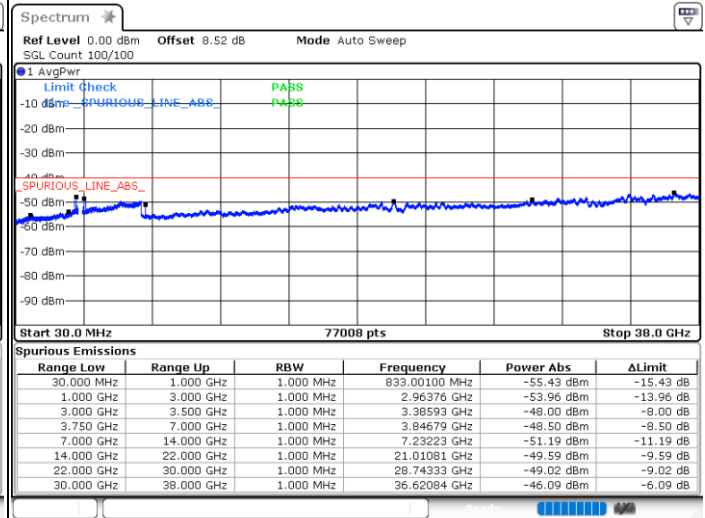
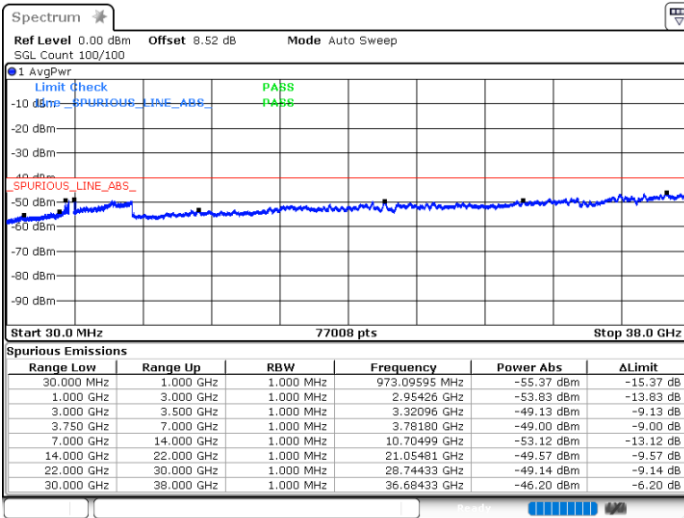


LTE Band 48 / 20MHz

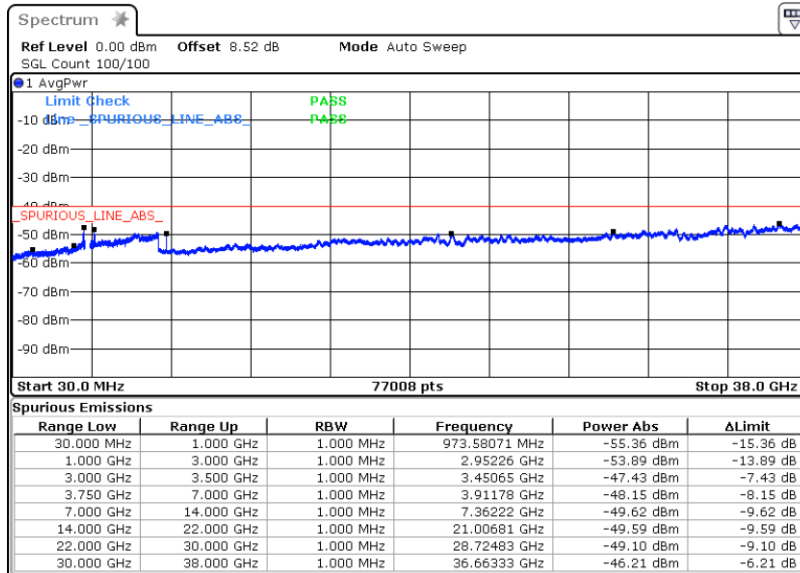
QPSK / 1RB0

Lowest Channel

Middle Channel



Highest Channel



Frequency Stability

Test Conditions		LTE Band 48 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 20MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0001	PASS
40	Normal Voltage	0.0028	
30	Normal Voltage	0.0015	
20(Ref.)	Normal Voltage	0.0010	
10	Normal Voltage	0.0003	
0	Normal Voltage	0.0026	
-10	Normal Voltage	0.0015	
-20	Normal Voltage	0.0009	
-30	Normal Voltage	0.0024	
20	Maximum Voltage	0.0011	
20	Normal Voltage	0.0001	
20	Battery End Point	0.0032	

Note:

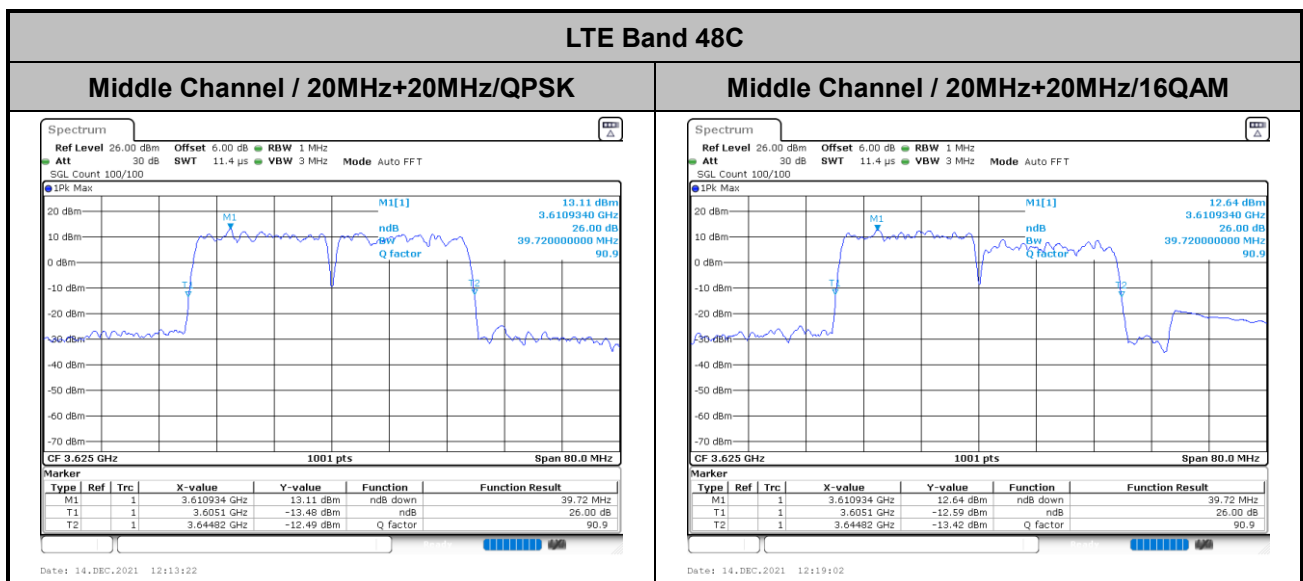
1. Normal Voltage =3.87 V. ; Battery End Point (BEP) =3.4V. ; Maximum Voltage =4.45 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



LTE Band 48C

26dB Bandwidth

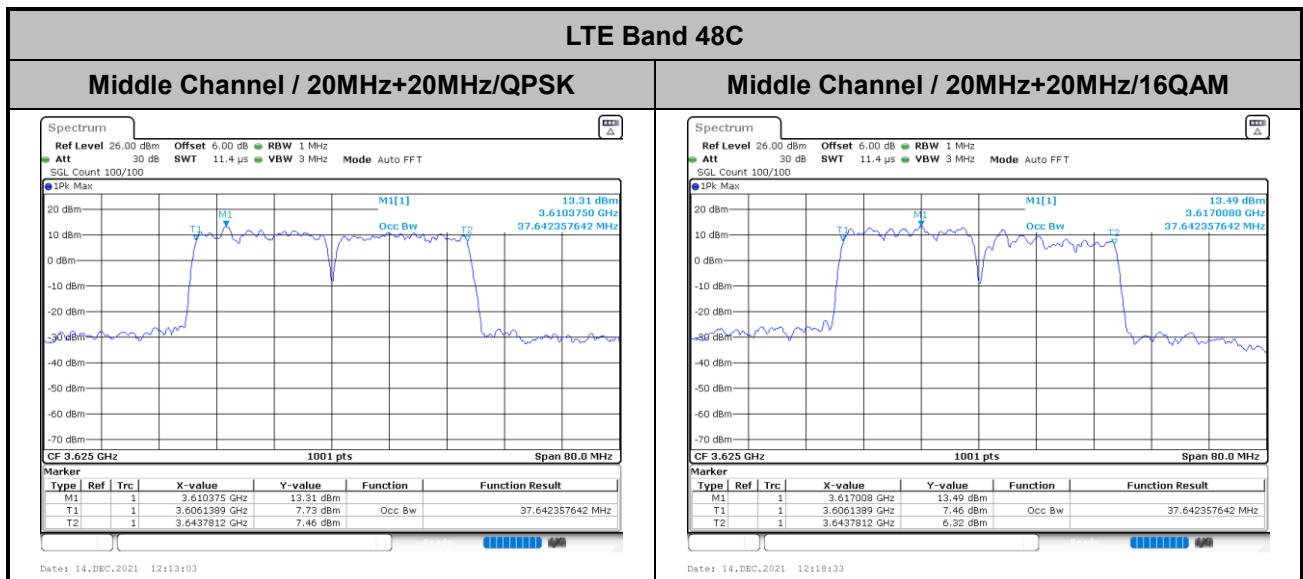
LTE Band 48C : 26dB BW(MHz)		
Mode	QPSK	16QAM
BW	20MHz+20MHz	20MHz+20MHz
Middle CH	39.72	39.72





Occupied Bandwidth

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

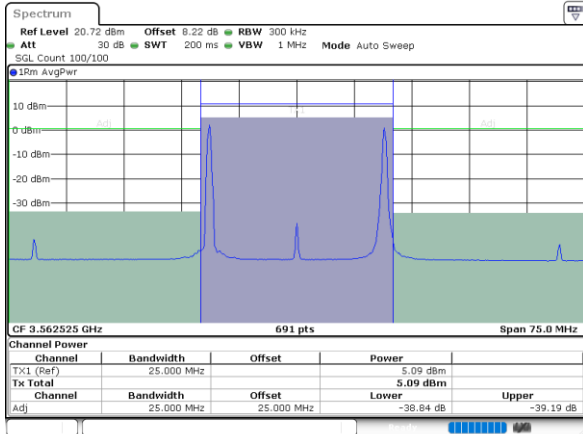




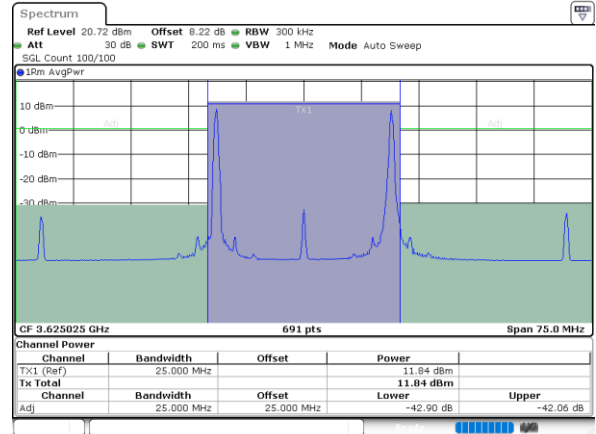
ACLR

LTE Band 48C / 5MHz+20MHz QPSK

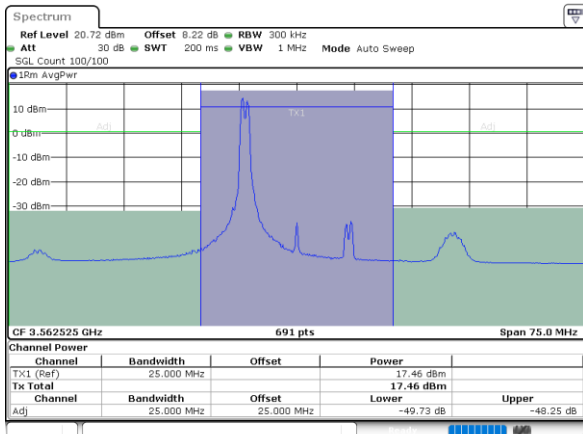
Lowest Band Edge / 1RB0 and 1RB99



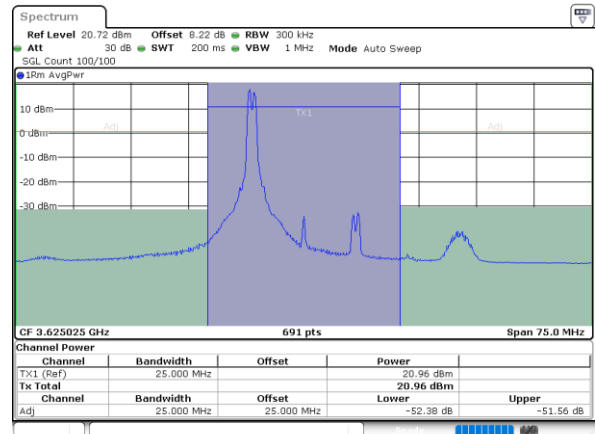
Middle Band Edge / 1RB0 and 1RB99



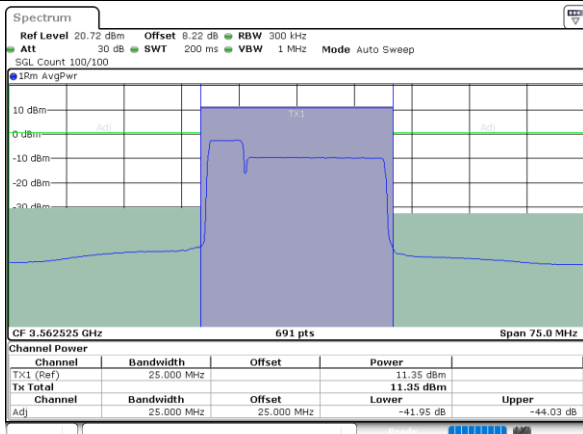
Lowest Band Edge / 1RB24 and 1RB0



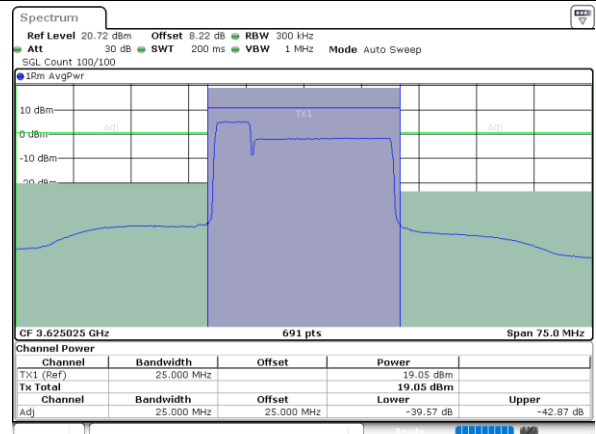
Middle Band Edge / 1RB24 and 1RB0



Lowest Band Edge / Full RB



Middle Band Edge / Full RB



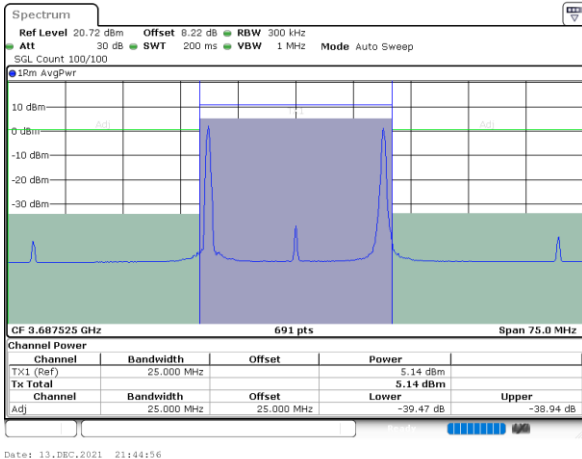


LTE Band 48C / 5MHz+20MHz

QPSK

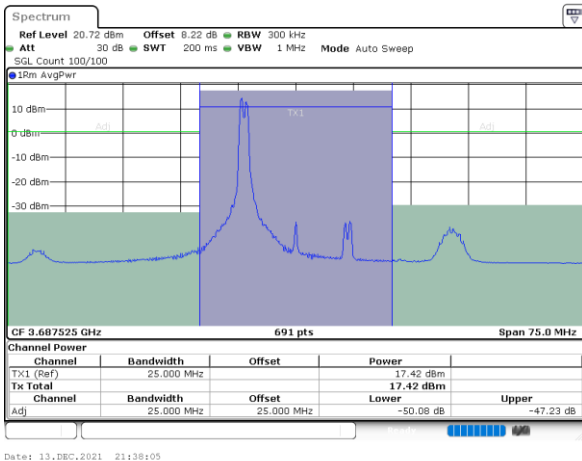
Highest Band Edge / 1RB0 and 1RB99

N/A



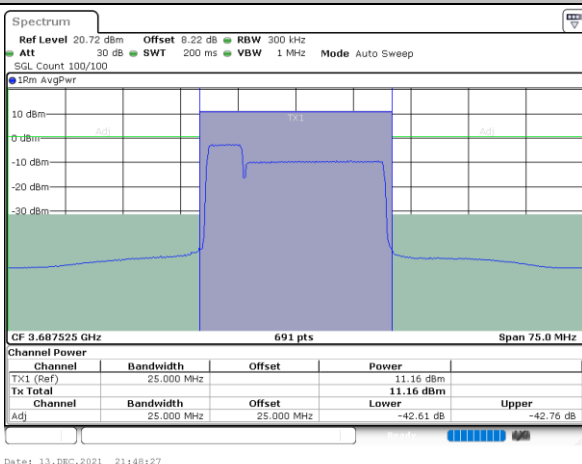
Highest Band Edge / 1RB24 and 1RB0

N/A



Highest Band Edge / Full RB

N/A

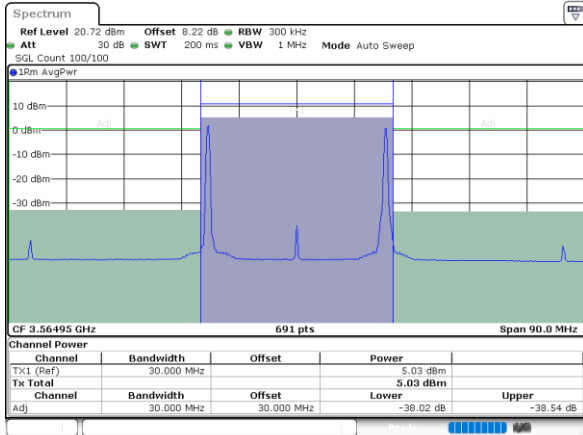




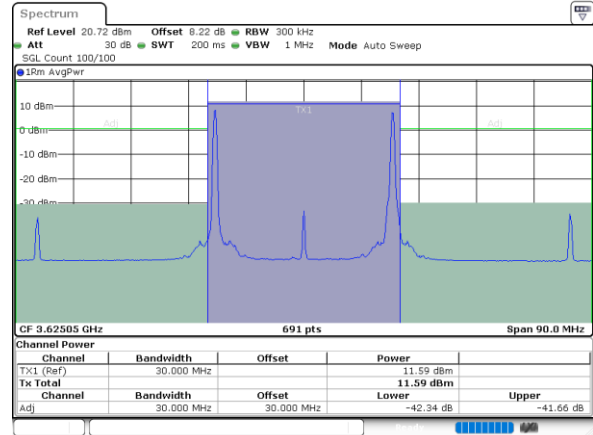
LTE Band 48C / 10MHz+20MHz

QPSK

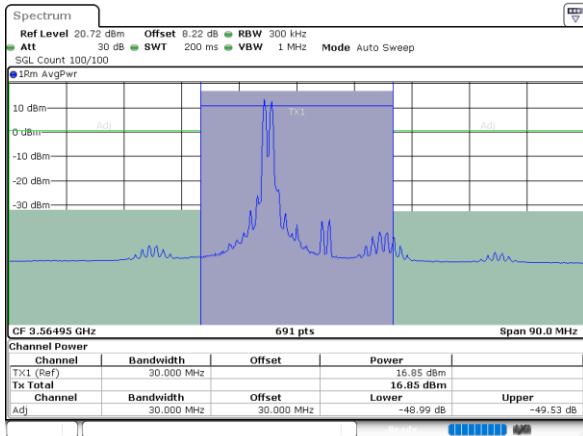
Lowest Band Edge / 1RB0 and 1RB99



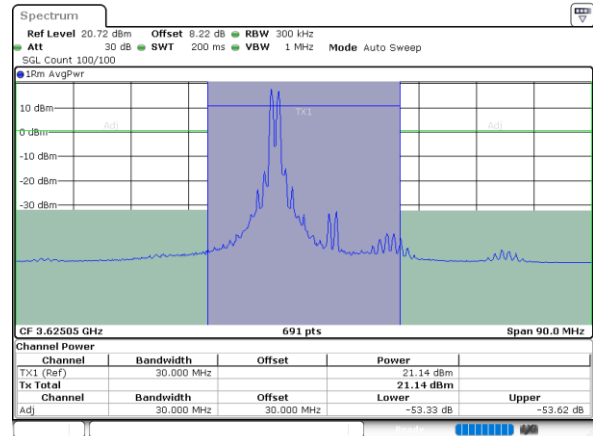
Middle Band Edge / 1RB0 and 1RB99



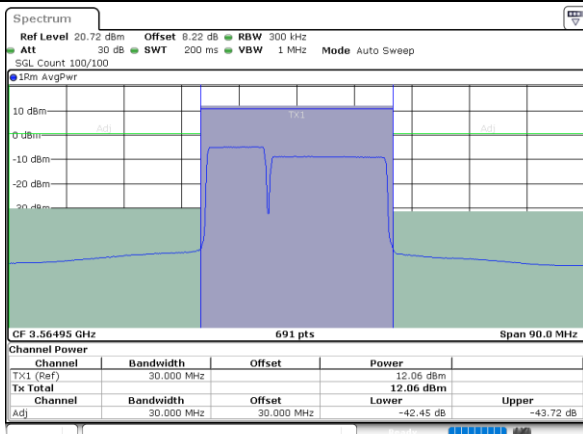
Lowest Band Edge / 1RB49 and 1RB0



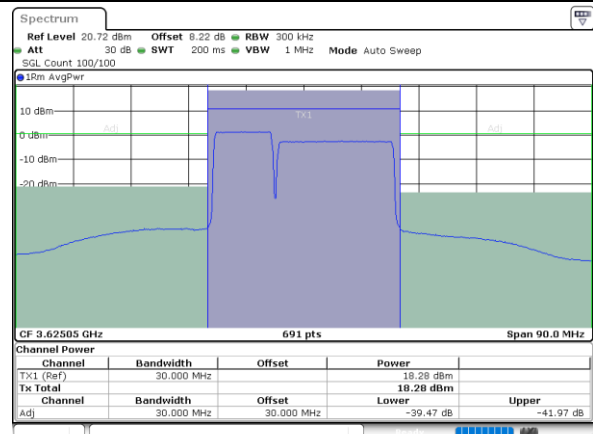
Middle Band Edge / 1RB49 and 1RB0



Lowest Band Edge / Full RB



Middle Band Edge / Full RB



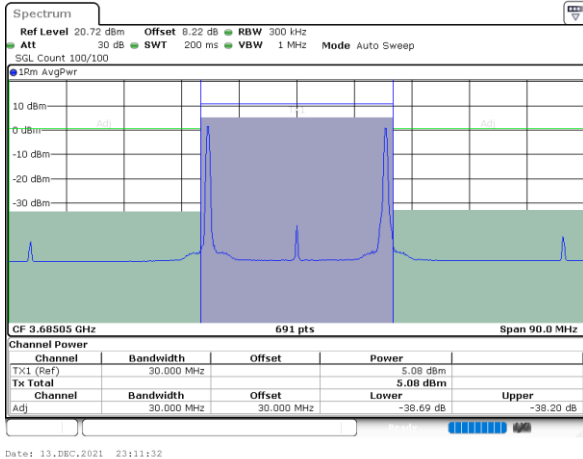


LTE Band 48C / 10MHz+20MHz

QPSK

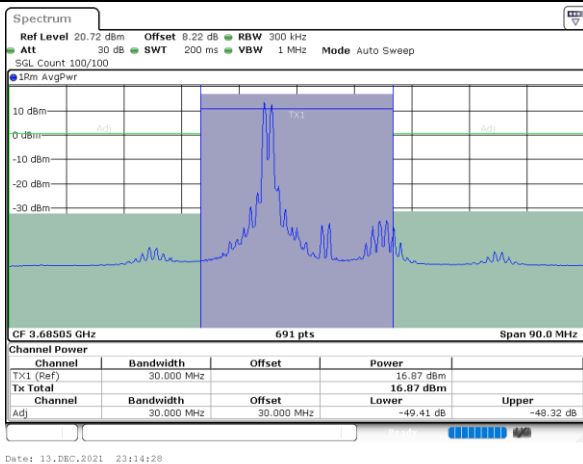
Highest Band Edge / 1RB0 and 1RB99

N/A



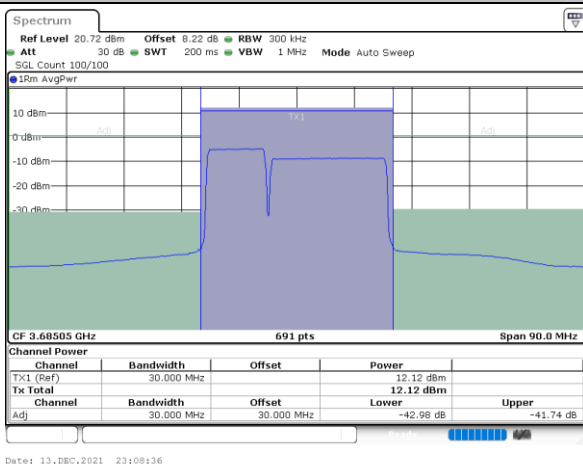
Highest Band Edge / 1RB49 and 1RB0

N/A



Highest Band Edge / Full RB

N/A

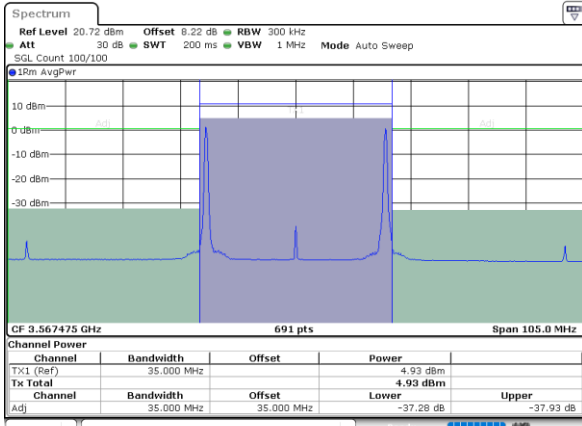




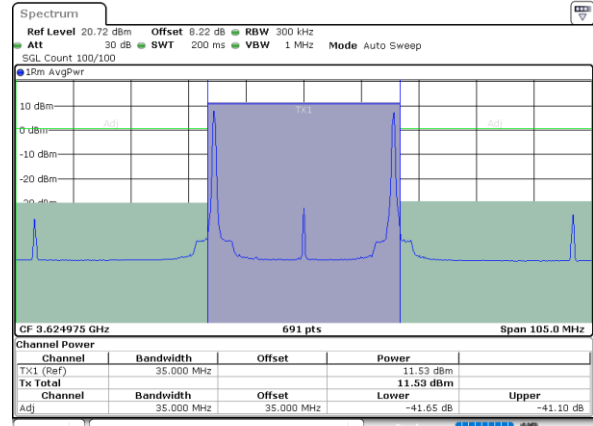
LTE Band 48C / 15MHz+20MHz

QPSK

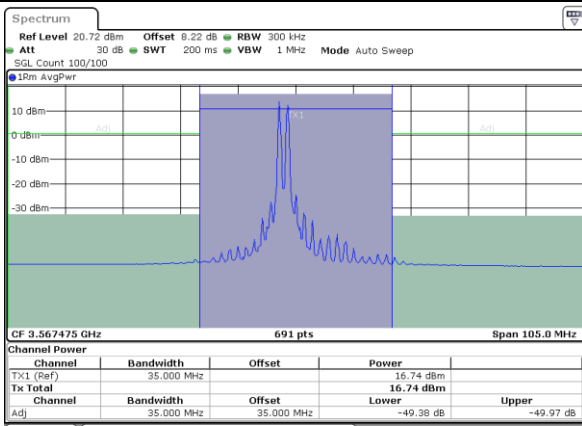
Lowest Band Edge / 1RB0 and 1RB99



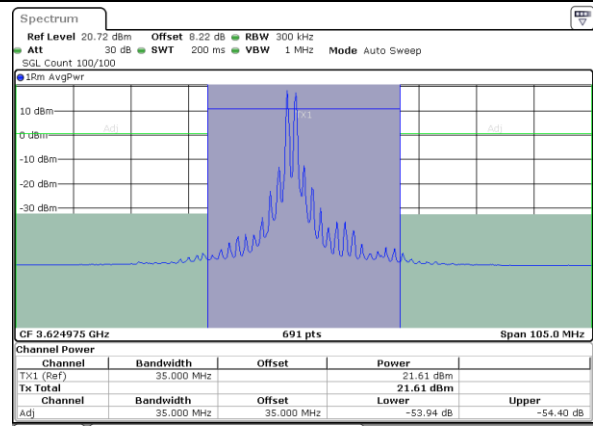
Middle Band Edge / 1RB0 and 1RB99



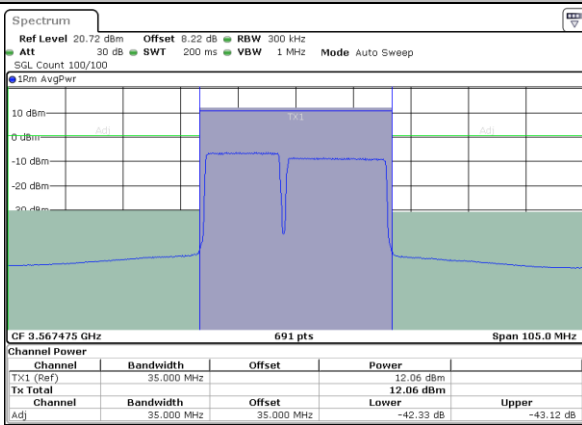
Lowest Band Edge / 1RB74 and 1RB0



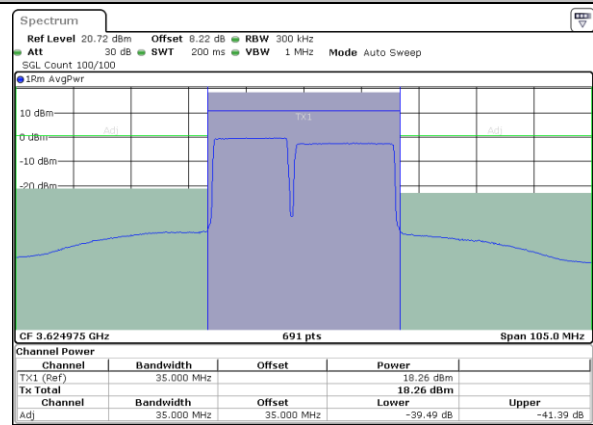
Middle Band Edge / 1RB74 and 1RB0



Lowest Band Edge / Full RB



Middle Band Edge / Full RB



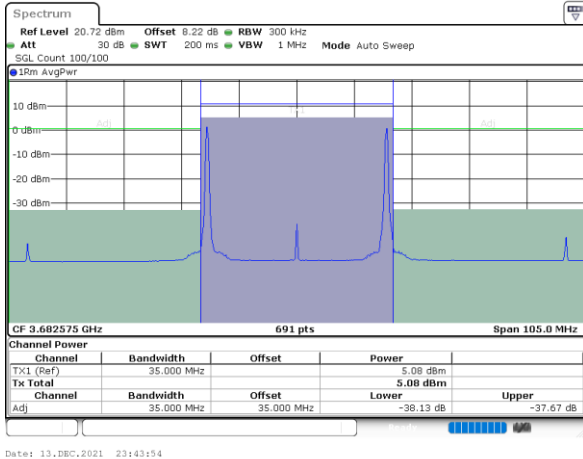


LTE Band 48C / 15MHz+20MHz

QPSK

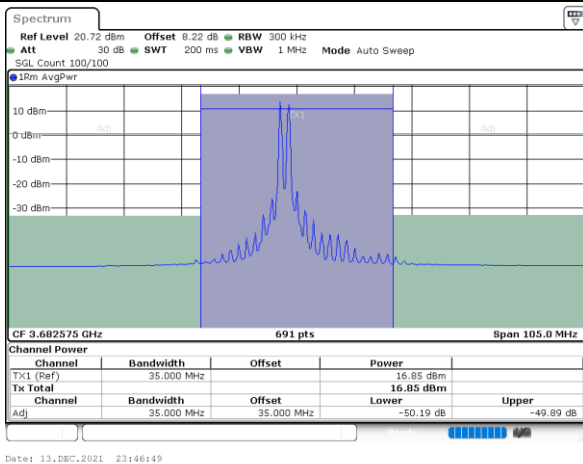
Highest Band Edge / 1RB0 and 1RB99

N/A



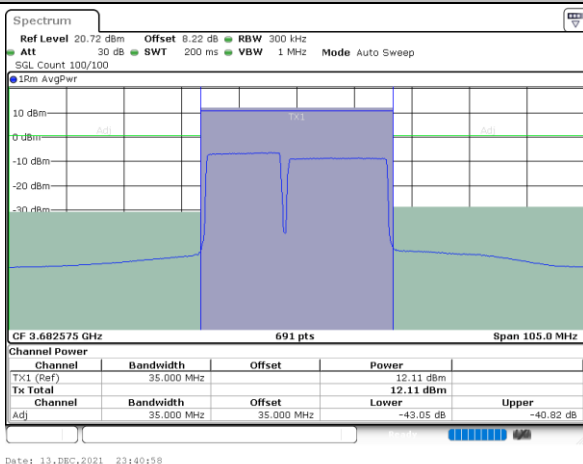
Highest Band Edge / 1RB74 and 1RB0

N/A



Highest Band Edge / Full RB

N/A

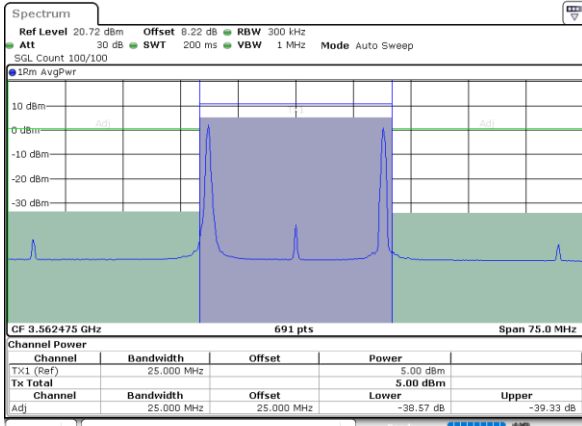




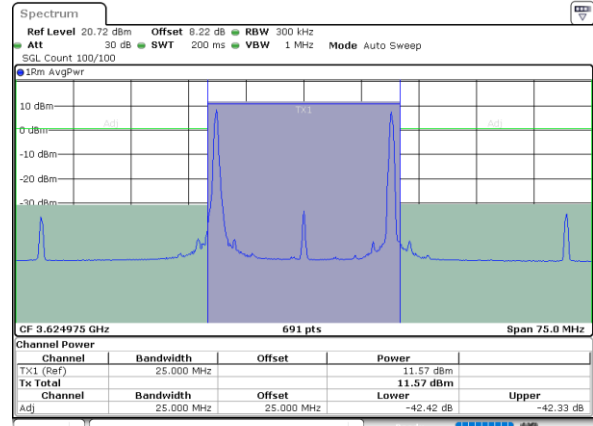
LTE Band 48C/ 20MHz+5MHz

QPSK

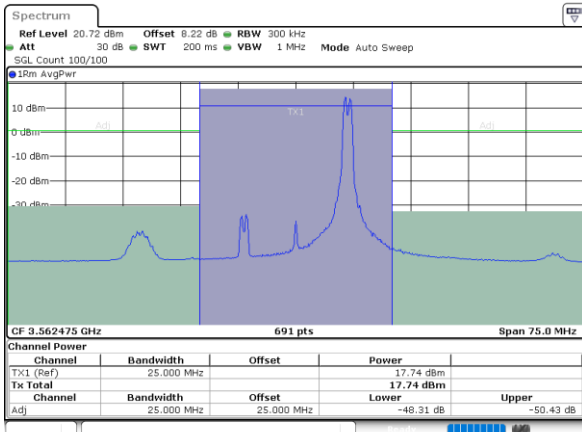
Lowest Band Edge / 1RB0 and 1RB24



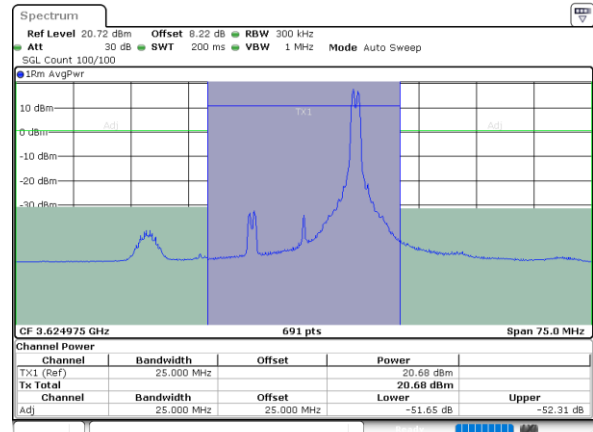
Middle Band Edge / 1RB0 and 1RB24



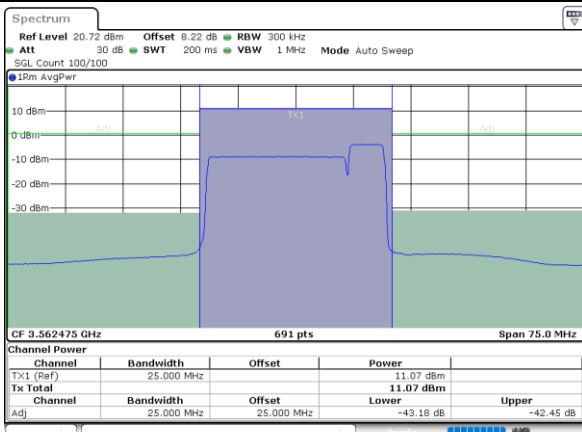
Lowest Band Edge / 1RB99 and 1RB0



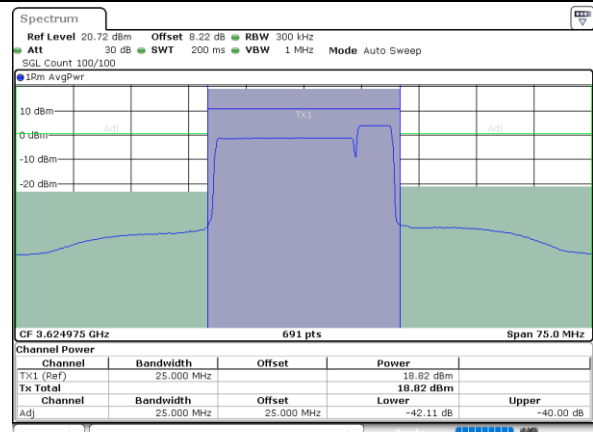
Middle Band Edge / 1RB99 and 1RB0



Lowest Band Edge / Full RB



Middle Band Edge / Full RB



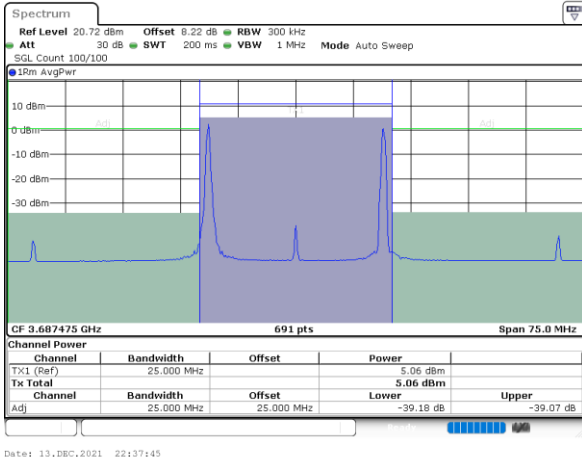


LTE Band 48C / 20MHz+5MHz

QPSK

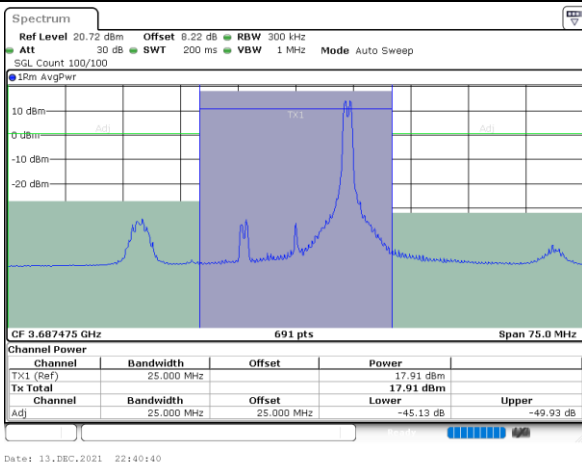
Highest Band Edge / 1RB0 and 1RB24

N/A



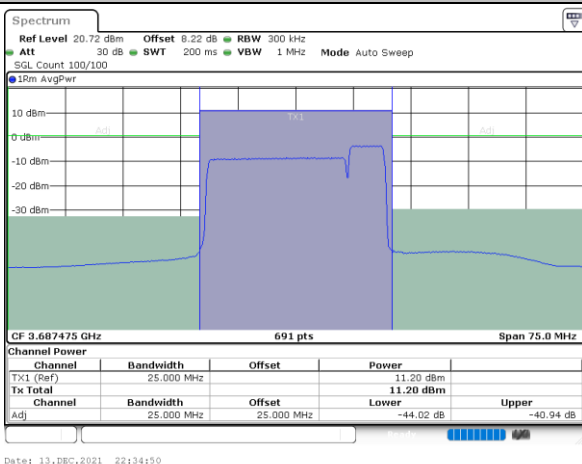
Highest Band Edge / 1RB99 and 1RB0

N/A



Highest Band Edge / Full RB

N/A

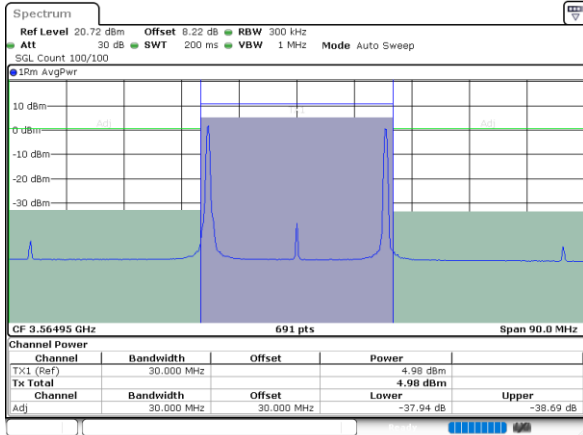




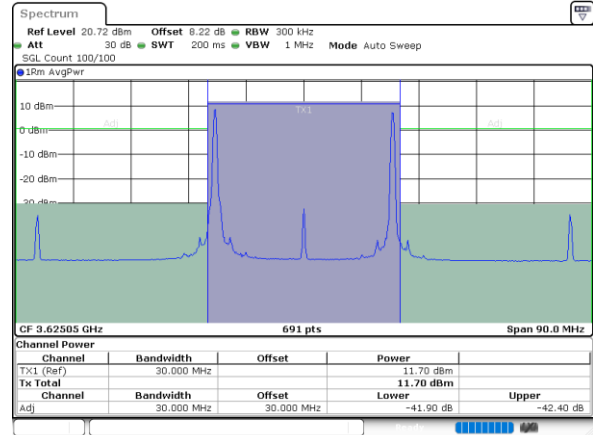
LTE Band 48C / 20MHz+10MHz

QPSK

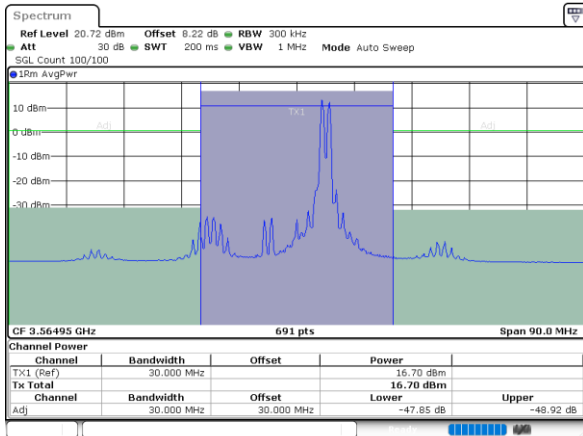
Lowest Band Edge / 1RB0 and 1RB49



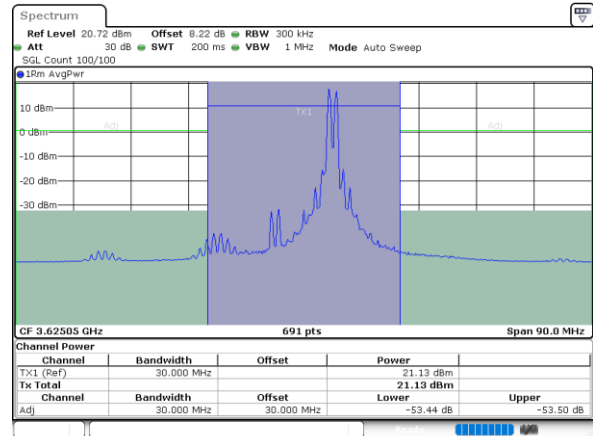
Middle Band Edge / 1RB0 and 1RB49



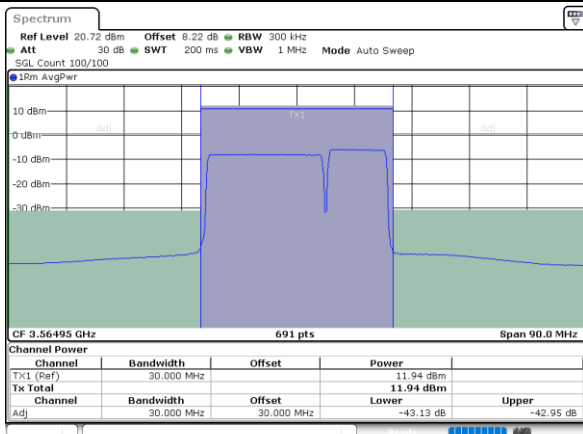
Lowest Band Edge / 1RB99 and 1RB0



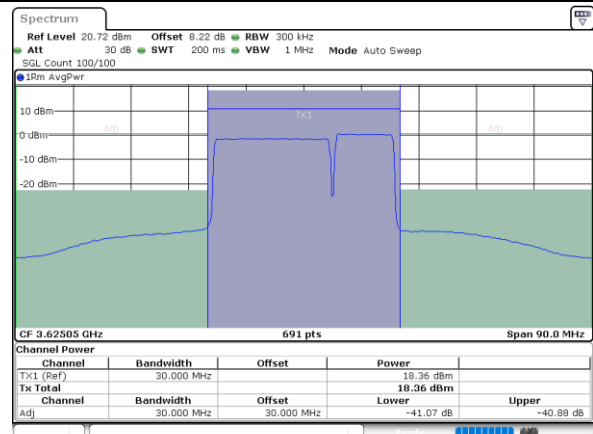
Middle Band Edge / 1RB99 and 1RB0



Lowest Band Edge / Full RB



Middle Band Edge / Full RB



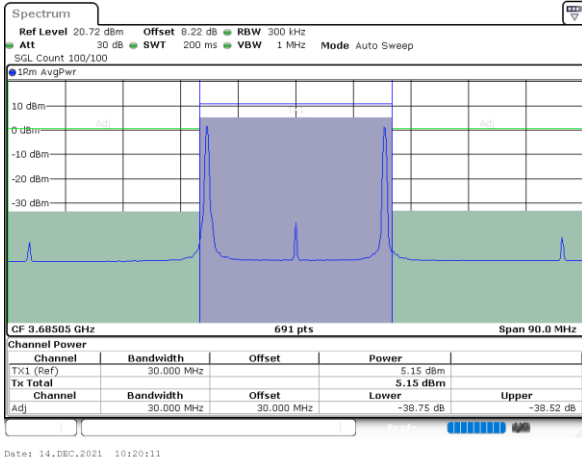


LTE Band 48C / 20MHz+10MHz

QPSK

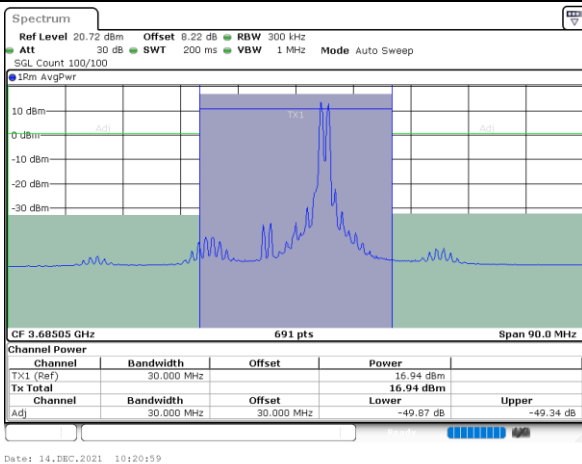
Highest Band Edge / 1RB0 and 1RB49

N/A



Highest Band Edge / 1RB99 and 1RB0

N/A



Highest Band Edge / Full RB

N/A

