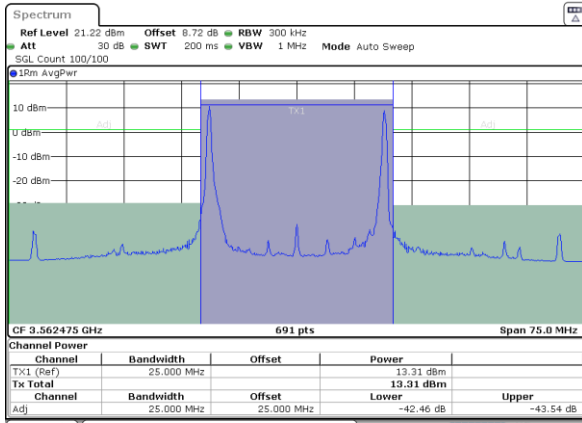




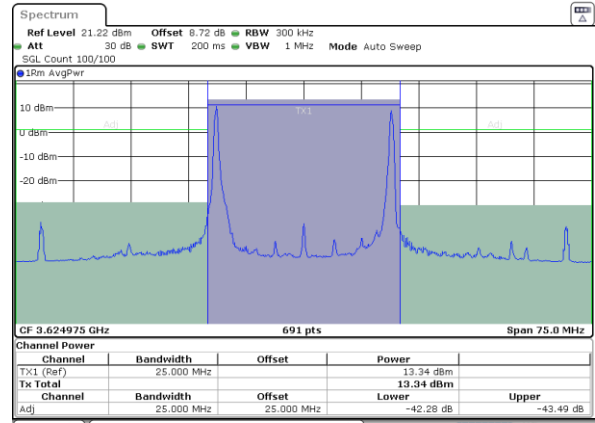
LTE Band 48C/ 20MHz+5MHz

256QAM

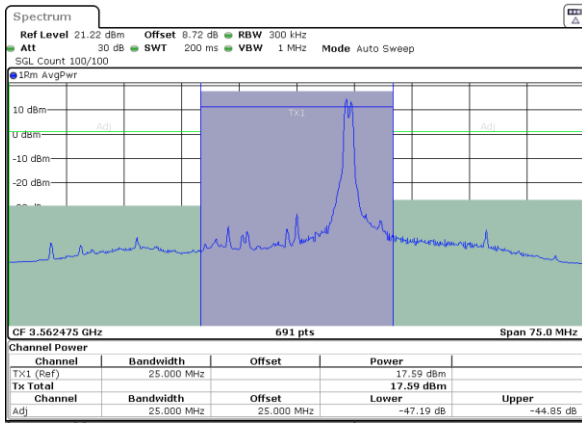
Lowest Band Edge / 1RB0 and 1RB24



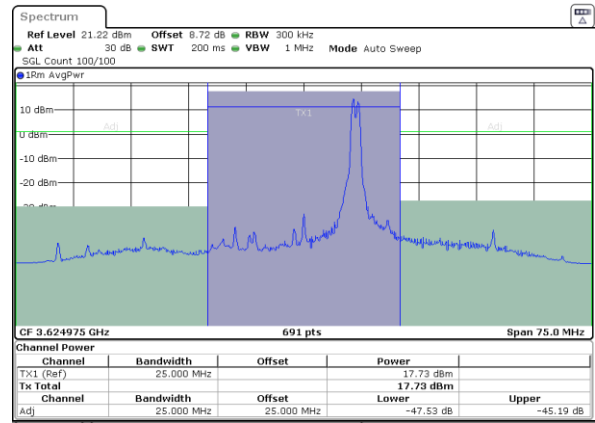
Middle Band Edge / 1RB0 and 1RB24



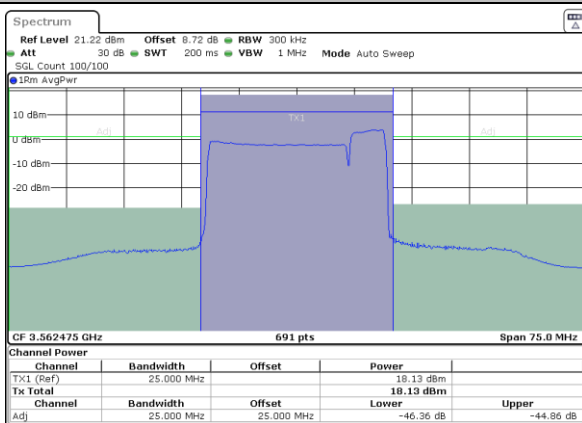
Lowest Band Edge / 1RB99 and 1RB0



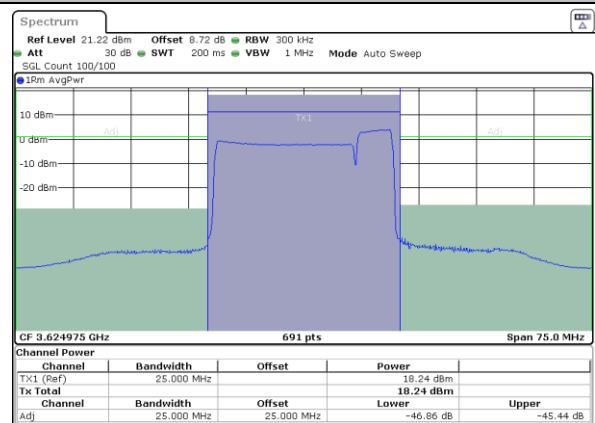
Middle Band Edge / 1RB99 and 1RB0



Lowest Band Edge / Full RB



Middle Band Edge / Full RB



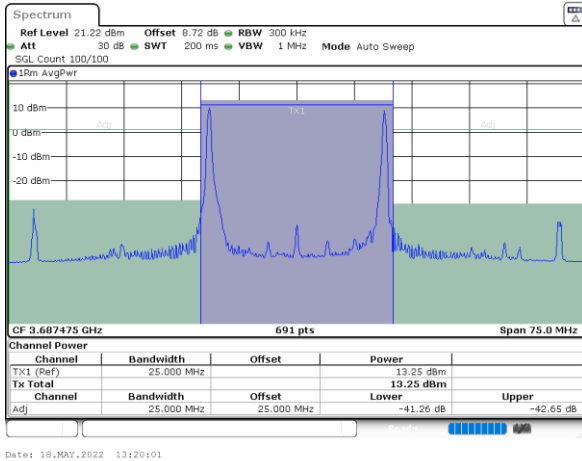


LTE Band 48C / 20MHz+5MHz

256QAM

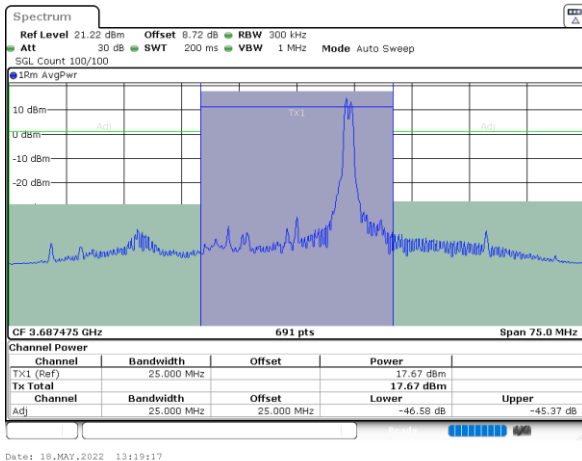
Highest Band Edge / 1RB0 and 1RB24

N/A



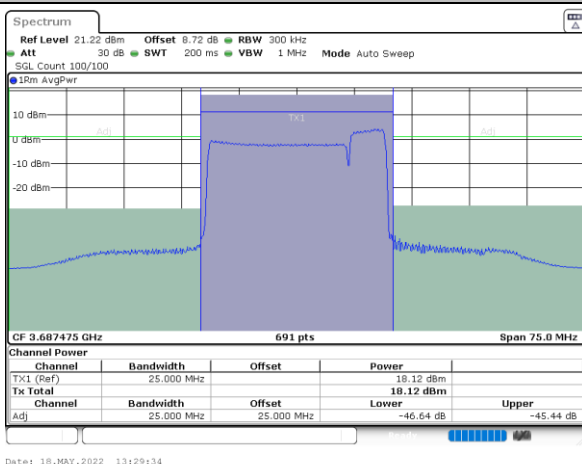
Highest Band Edge / 1RB99 and 1RB0

N/A



Highest Band Edge / Full RB

N/A

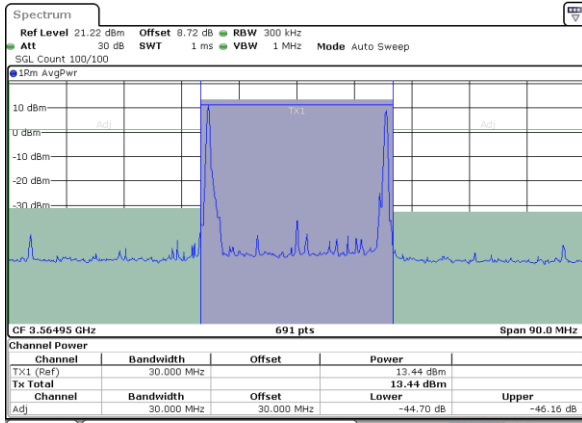




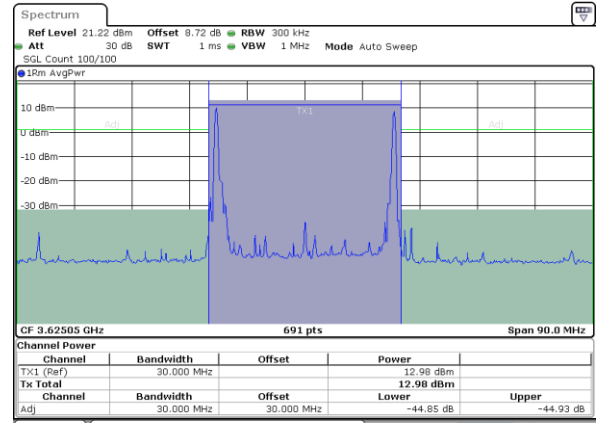
LTE Band 48C / 20MHz+10MHz

256QAM

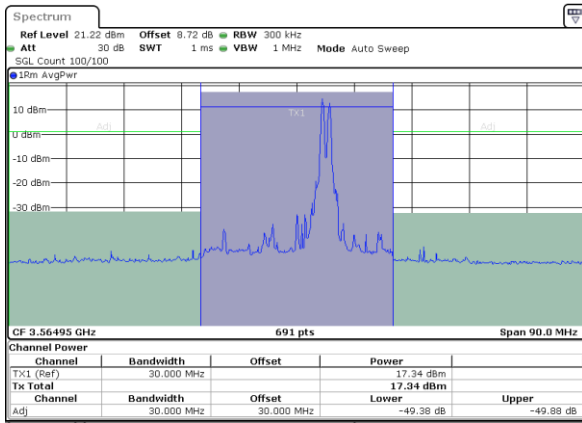
Lowest Band Edge / 1RB0 and 1RB49



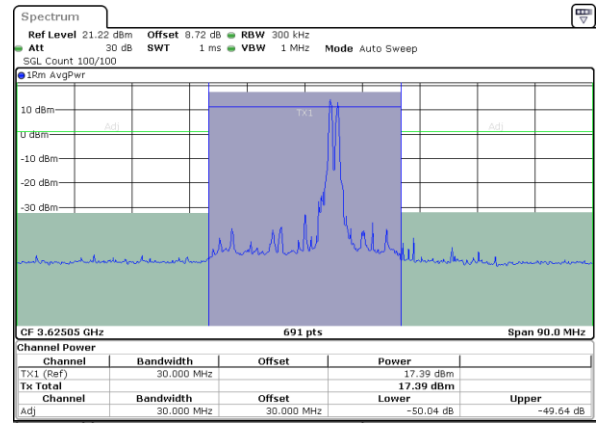
Middle Band Edge / 1RB0 and 1RB49



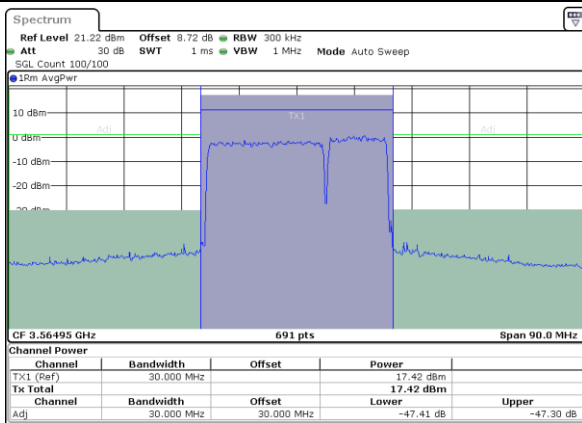
Lowest Band Edge / 1RB99 and 1RB0



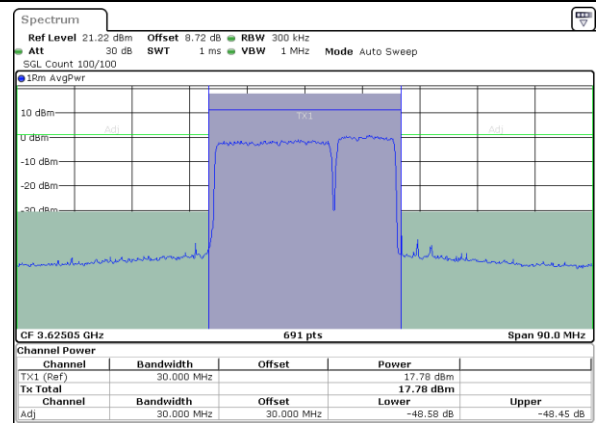
Middle Band Edge / 1RB99 and 1RB0



Lowest Band Edge / Full RB



Middle Band Edge / Full RB



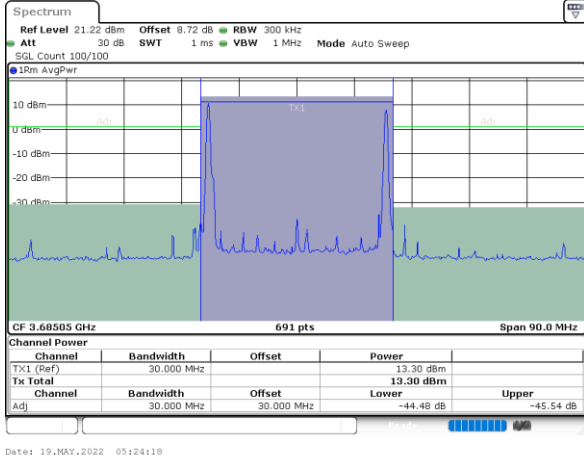


LTE Band 48C / 20MHz+10MHz

256QAM

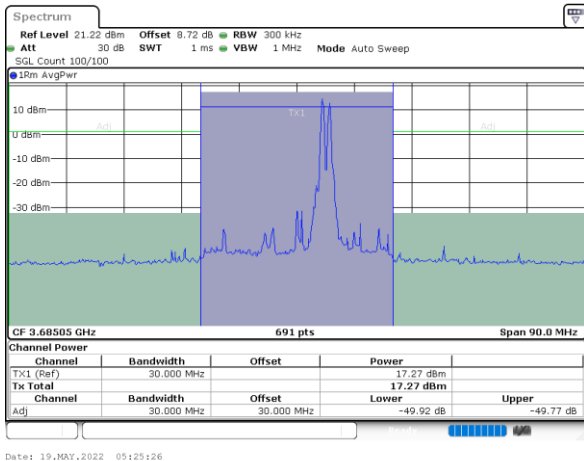
Highest Band Edge / 1RB0 and 1RB49

N/A



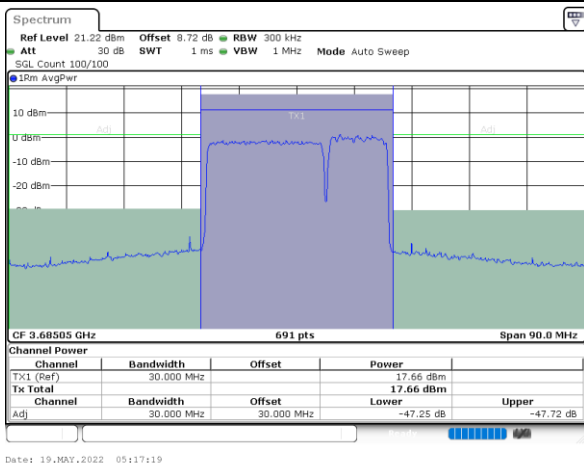
Highest Band Edge / 1RB99 and 1RB0

N/A



Highest Band Edge / Full RB

N/A

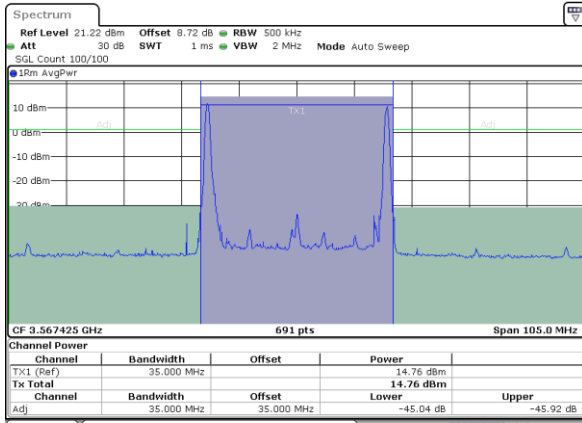




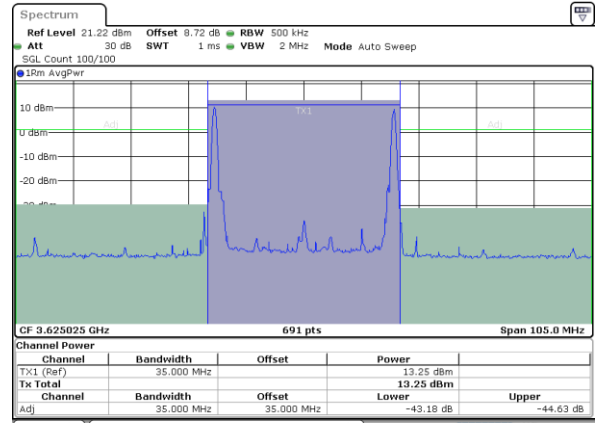
LTE Band 48C / 20MHz+15MHz

256QAM

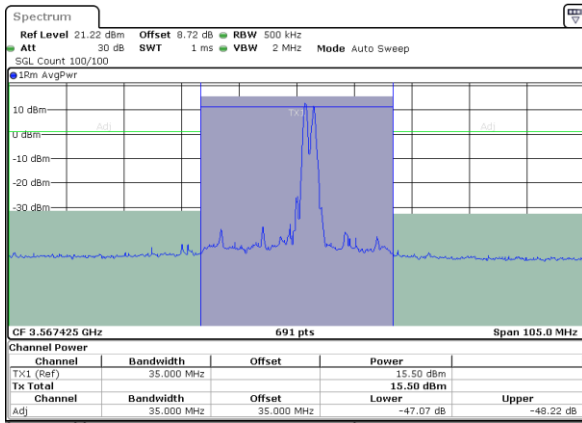
Lowest Band Edge / 1RB0 and 1RB74



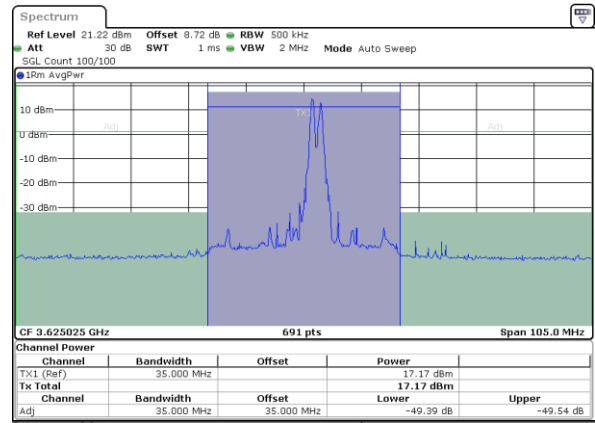
Middle Band Edge / 1RB0 and 1RB74



Lowest Band Edge / 1RB99 and 1RB0



Middle Band Edge / 1RB99 and 1RB0



Lowest Band Edge / Full RB



Middle Band Edge / Full RB



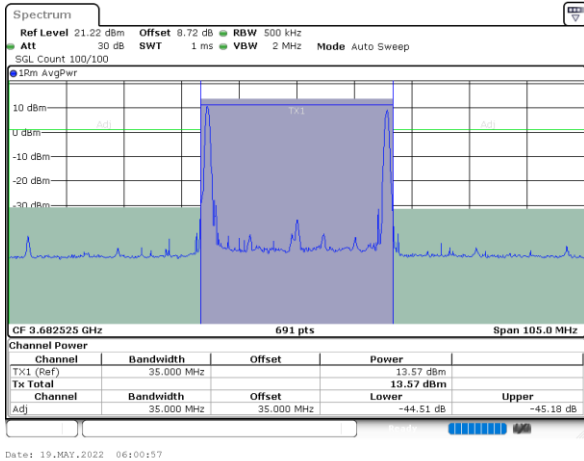


LTE Band 48C / 20MHz+15MHz

256QAM

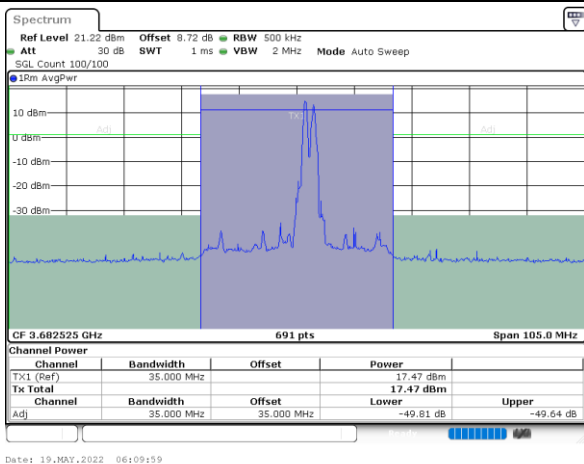
Highest Band Edge / 1RB0 and 1RB74

N/A



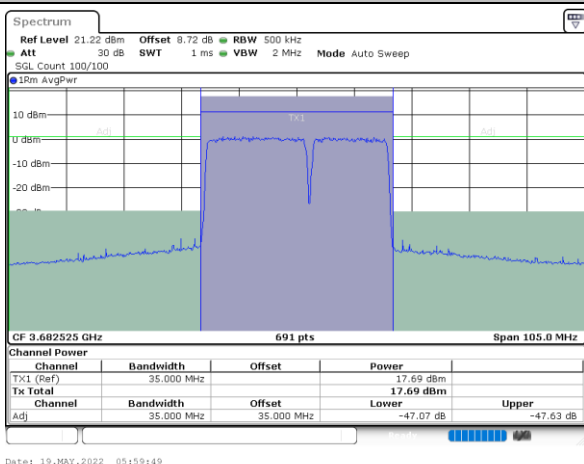
Highest Band Edge / 1RB99 and 1RB0

N/A



Highest Band Edge / Full RB

N/A

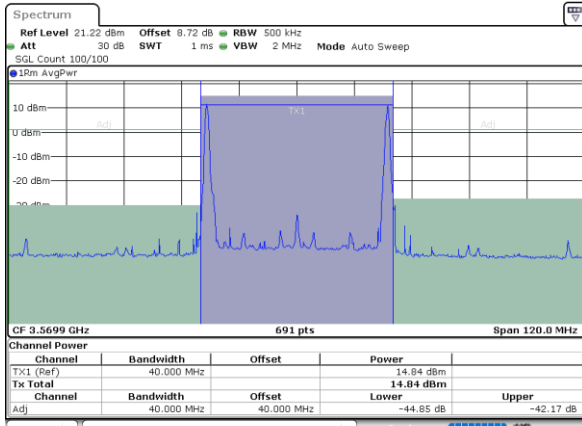




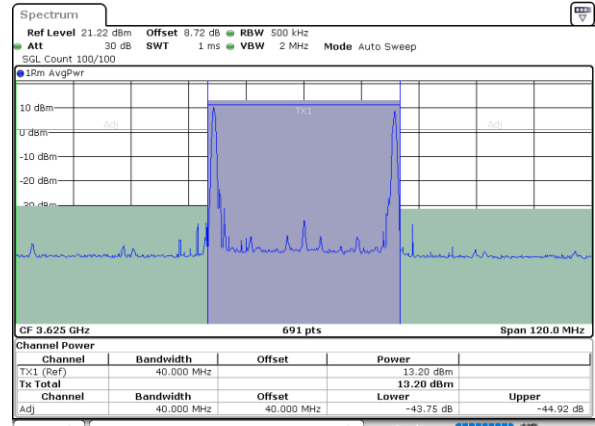
LTE Band 48C / 20MHz+20MHz

256QAM

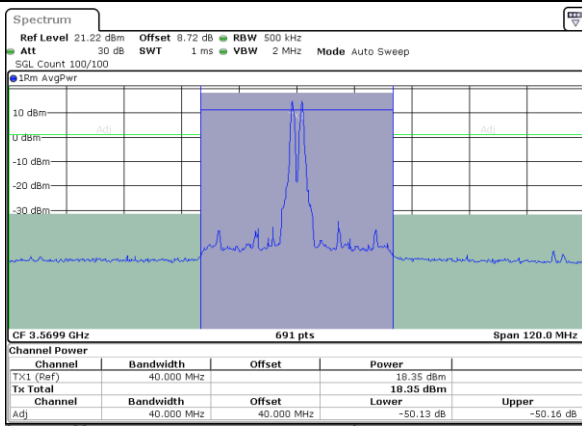
Lowest Band Edge / 1RB0 and 1RB99



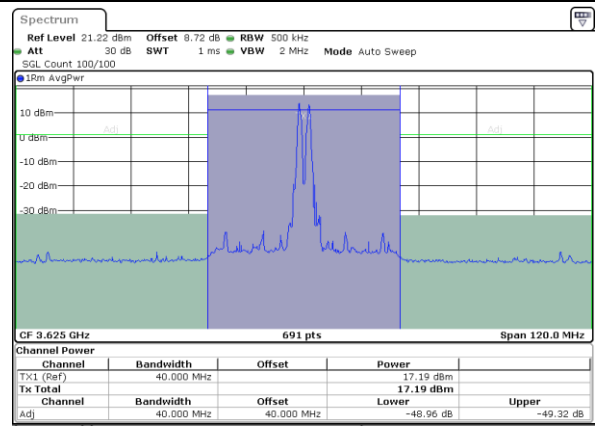
Middle Band Edge / 1RB0 and 1RB99



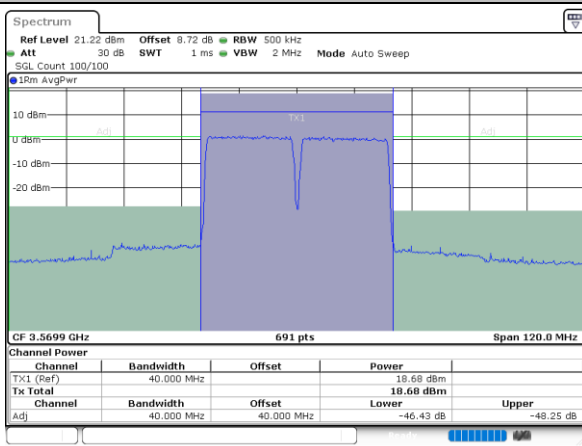
Lowest Band Edge / 1RB99 and 1RB0



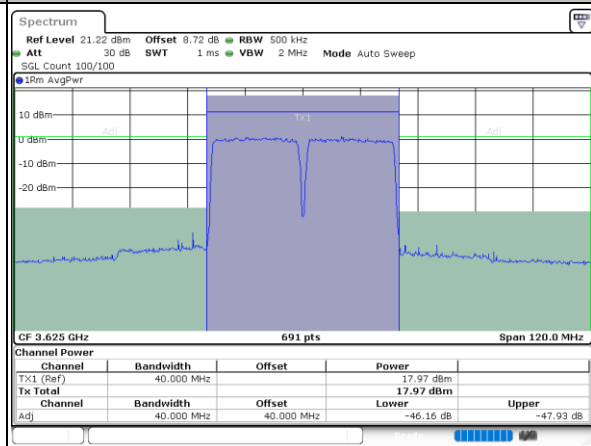
Middle Band Edge / 1RB99 and 1RB0



Lowest Band Edge / Full RB



Middle Band Edge / Full RB





LTE Band 48C / 20MHz+20MHz

256QAM

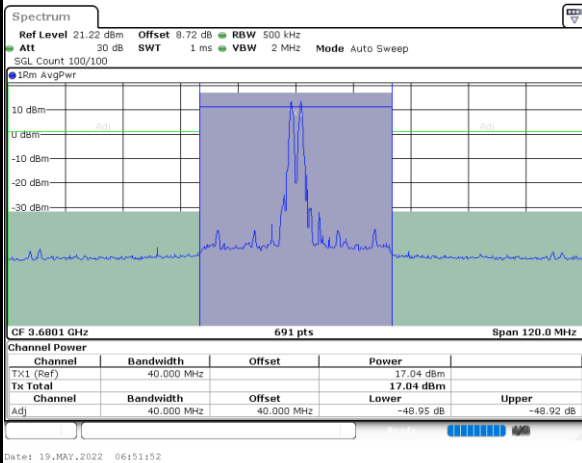
Highest Band Edge / 1RB0 and 1RB99

N/A



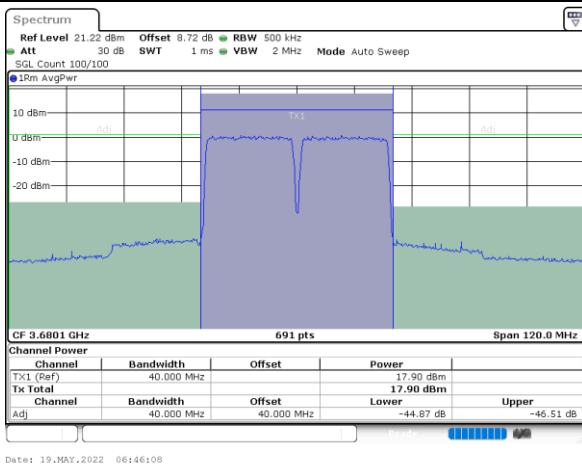
Highest Band Edge / 1RB99 and 1RB0

N/A



Highest Band Edge / Full RB

N/A



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	0.0000	PASS
40	Normal Voltage	0.0116	
30	Normal Voltage	0.0028	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0205	
0	Normal Voltage	0.0277	
-10	Normal Voltage	0.0000	
-20	Normal Voltage	0.0132	
-30	Normal Voltage	0.0016	
20	Maximum Voltage	0.0038	
20	Normal Voltage	0.0012	
20	Battery End Point	0.0245	

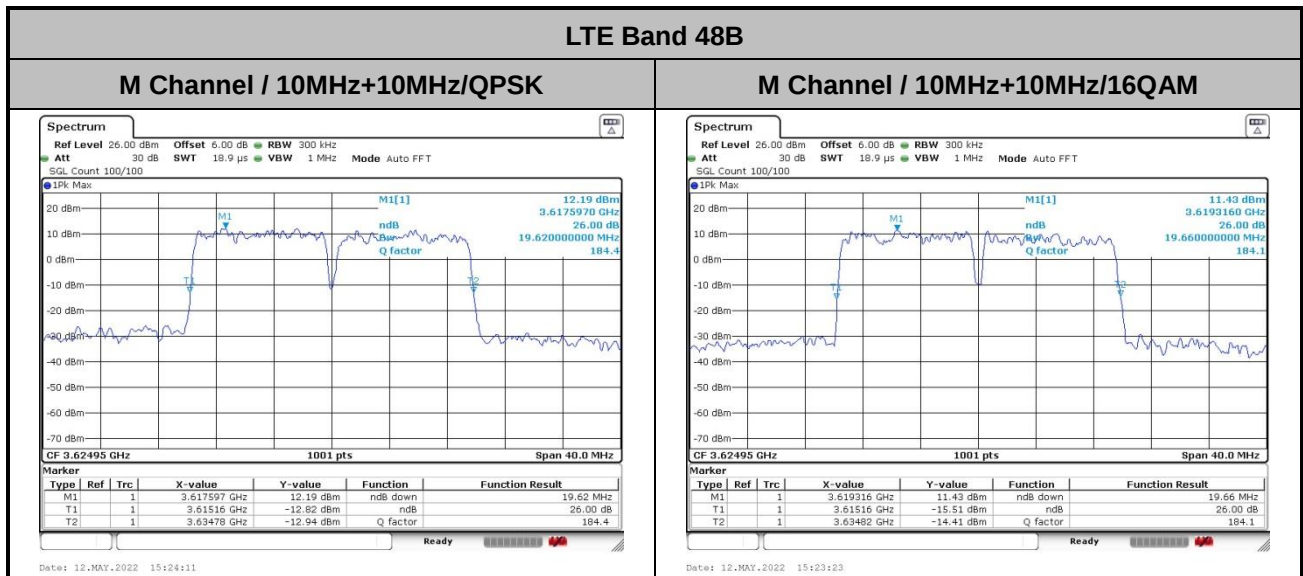
Note:

1. Normal Voltage =3.89 V. ; Battery End Point (BEP) =3.6V. ; Maximum Voltage =4.48 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.

LTE Band 48B

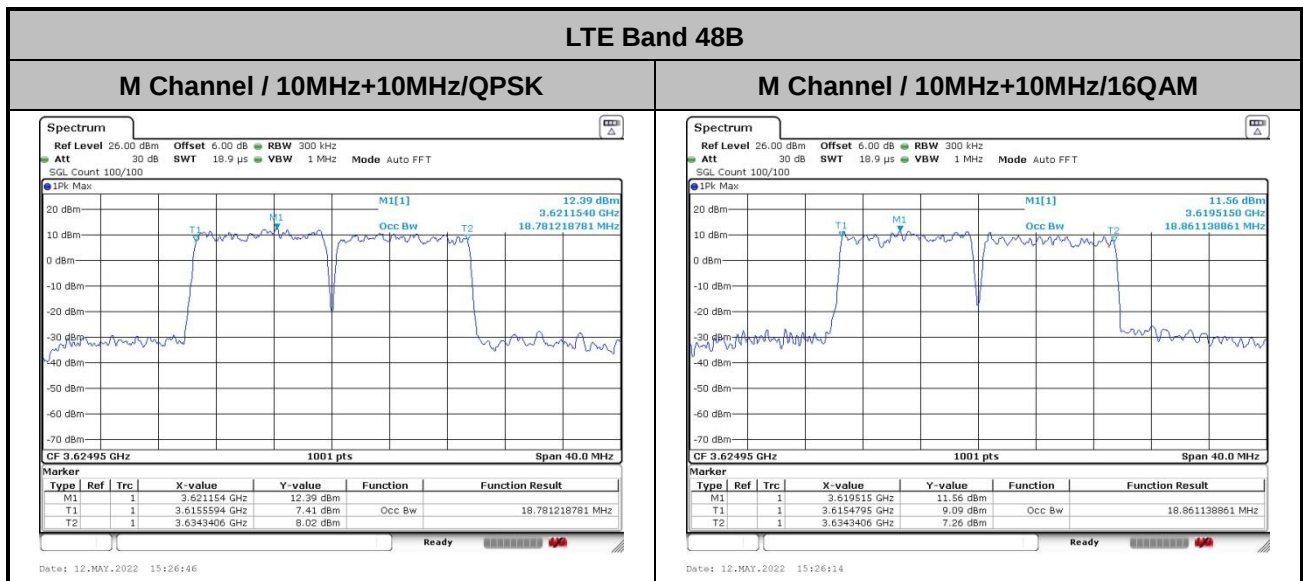
26dB Bandwidth

Mode	LTE Band 48B : 26dB BW(MHz)	
QPSK	QPSK	16QAM
BW	10MHz+10MHz	10MHz+10MHz
Middle CH	19.62	19.66



Occupied Bandwidth

Mode	LTE Band 48B : 99%OBW(MHz)	
QPSK	QPSK	16QAM
BW	10MHz+10MHz	10MHz+10MHz
Middle CH	18.78	18.86



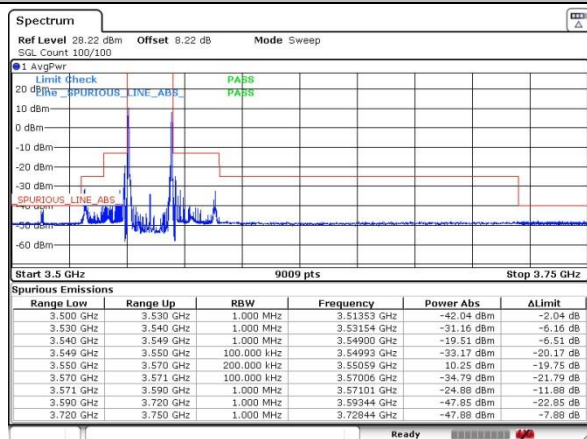


Conducted Band Edge

LTE Band 48B / 10MHz+10MHz

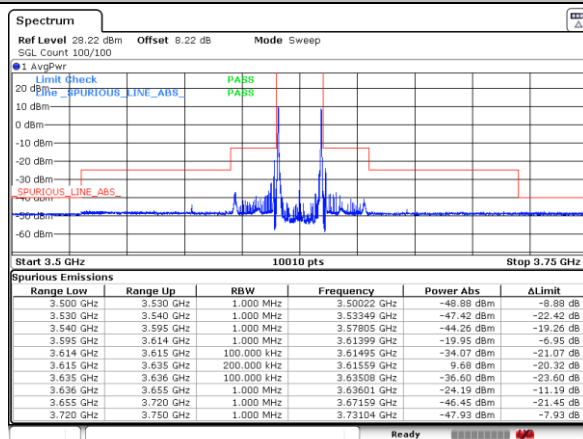
QPSK

Lowest Band Edge / 1RB0 and 1RB49



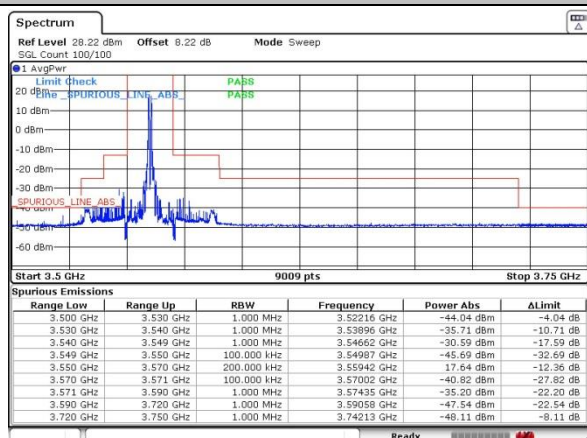
Date: 12.MAY.2022 14:09:48

Middle Band Edge / 1RB0 and 1RB49



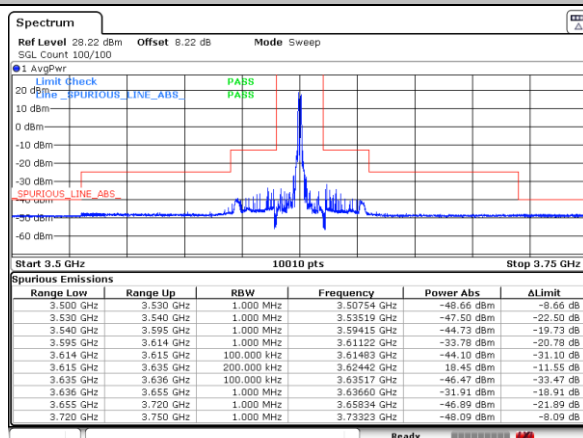
Date: 12.MAY.2022 14:00:06

Lowest Band Edge / 1RB49 and 1RB0



Date: 12.MAY.2022 14:10:14

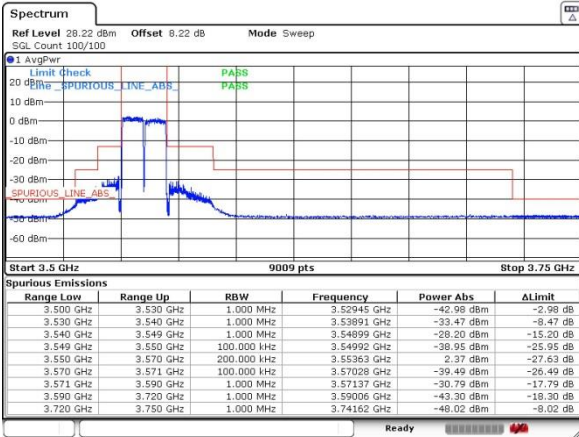
Middle Band Edge / 1RB49 and 1RB0



Date: 12.MAY.2022 13:57:13

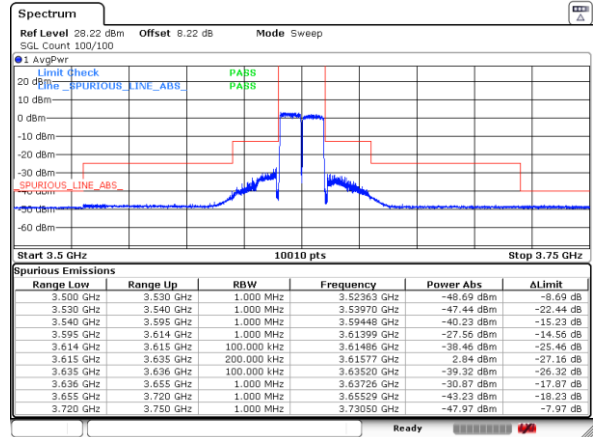


Lowest Band Edge / Full RB



Date: 12.MAY.2022 14:05:30

Middle Band Edge / Full RB



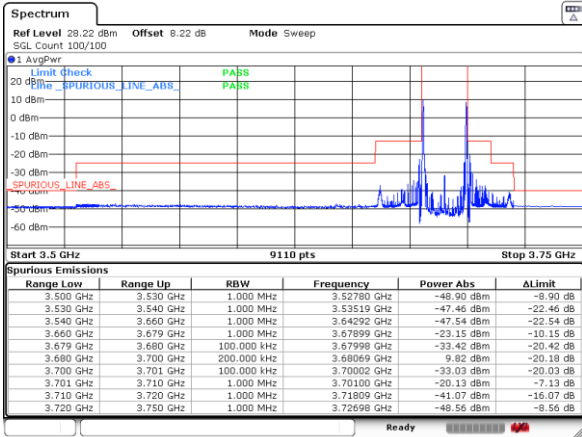
Date: 12.MAY.2022 14:00:33



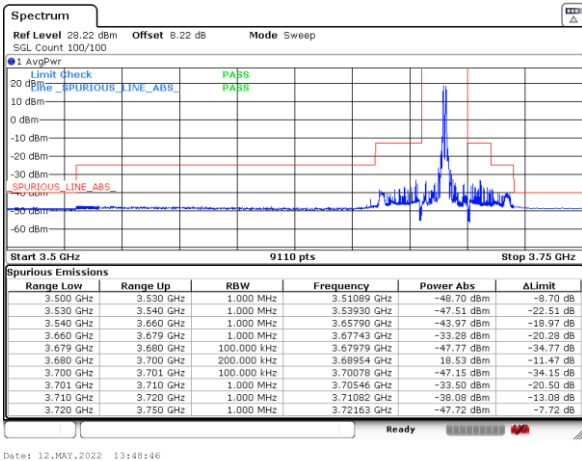
LTE Band 48B / 10MHz+10MHz

QPSK

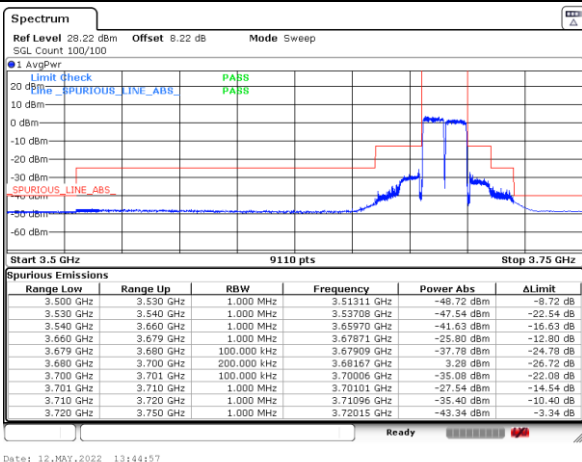
Highest Band Edge / 1RB0 and 1RB49



Highest Band Edge / 1RB49 and 1RB0



Highest Band Edge / Full RB

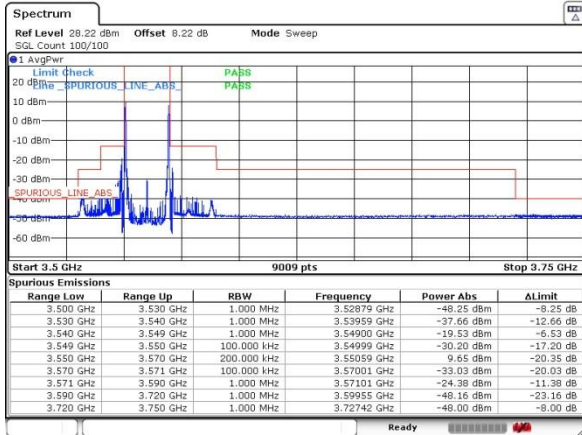




LTE Band 48B / 10MHz+10MHz

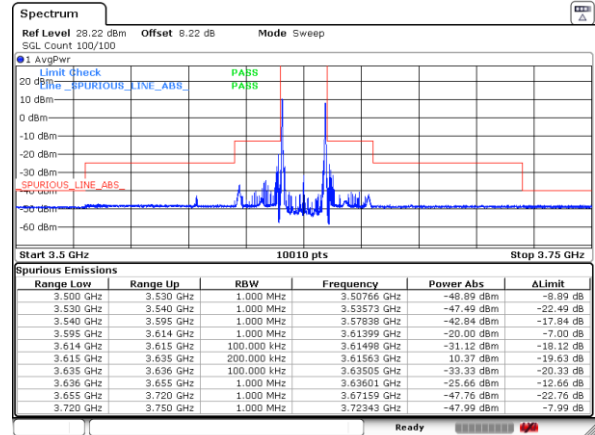
16QAM

Lowest Band Edge / 1RB0 and 1RB49



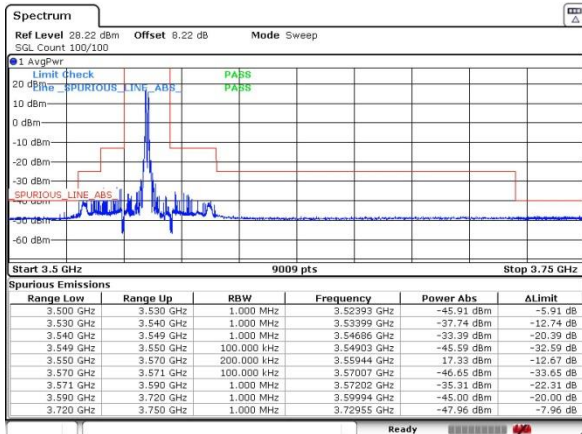
Date: 12.MAY.2022 14:09:19

Middle Band Edge / 1RB0 and 1RB49



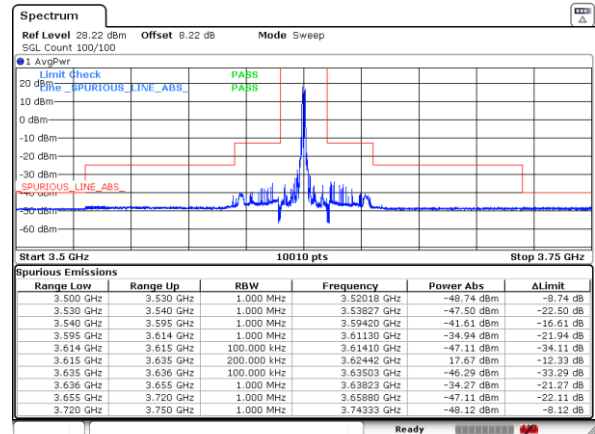
Date: 12.MAY.2022 13:59:37

Lowest Band Edge / 1RB49 and 1RB0



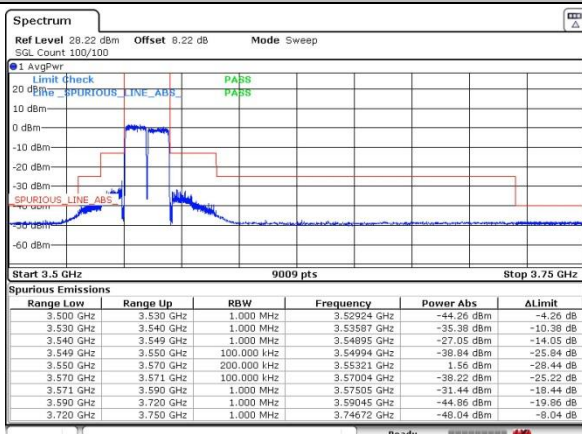
Date: 12.MAY.2022 14:10:58

Middle Band Edge / 1RB9 and 1RB0



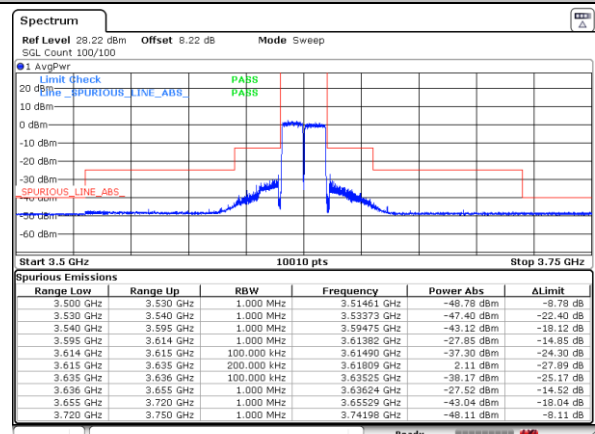
Date: 12.MAY.2022 13:58:07

Lowest Band Edge / Full RB



Date: 12.MAY.2022 14:07:23

Middle Band Edge / Full RB



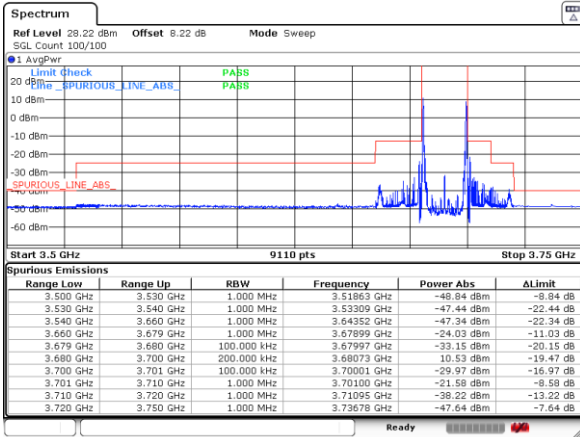
Date: 12.MAY.2022 14:01:09



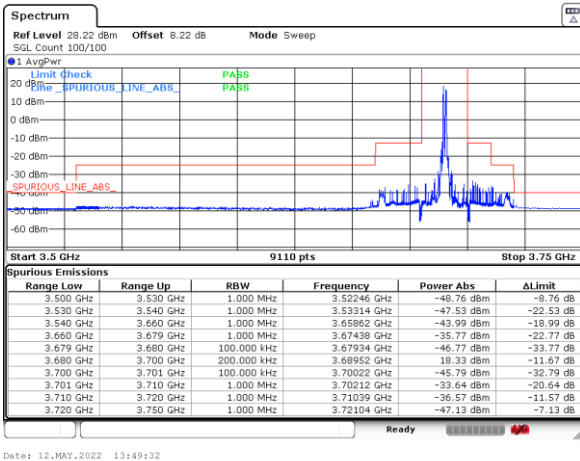
LTE Band 48B / 10MHz+10MHz

16QAM

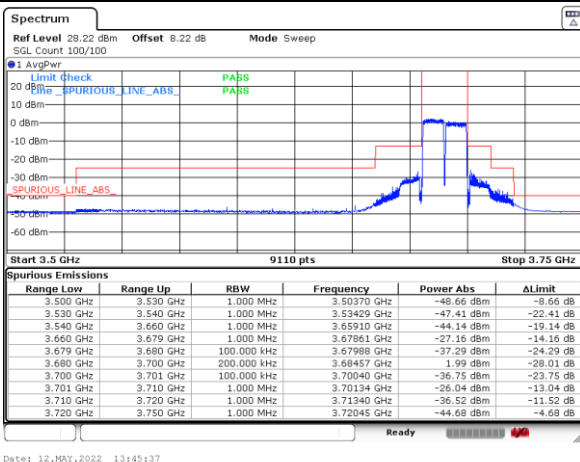
Highest Band Edge / 1RB0 and 1RB49



Highest Band Edge / 1RB49 and 1RB0



Highest Band Edge / Full RB

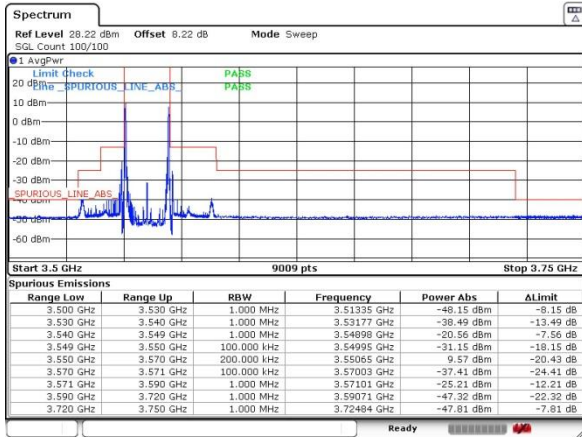




LTE Band 48B/ 10MHz+10MHz

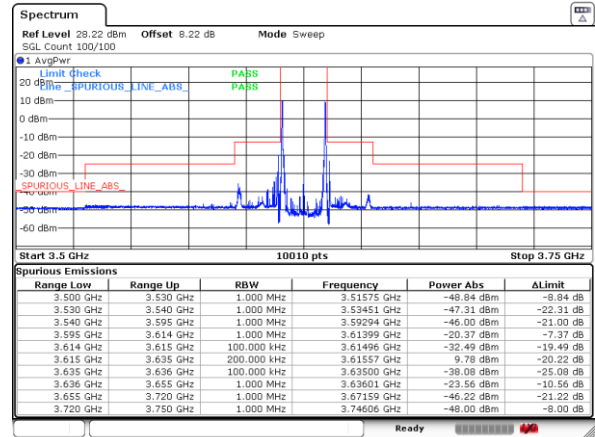
64QAM

Lowest Band Edge / 1RB0 and 1RB49



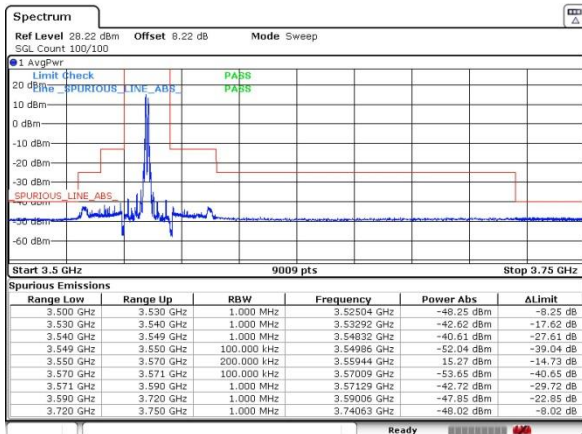
Date: 12.MAY.2022 14:08:35

Middle Band Edge / 1RB0 and 1RB49



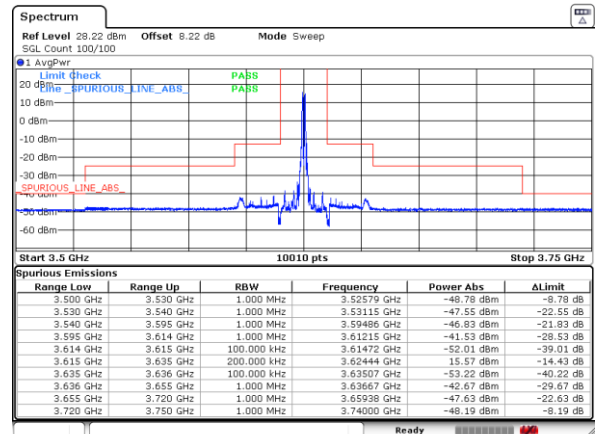
Date: 12.MAY.2022 13:59:06

Lowest Band Edge / 1RB49 and 1RB0



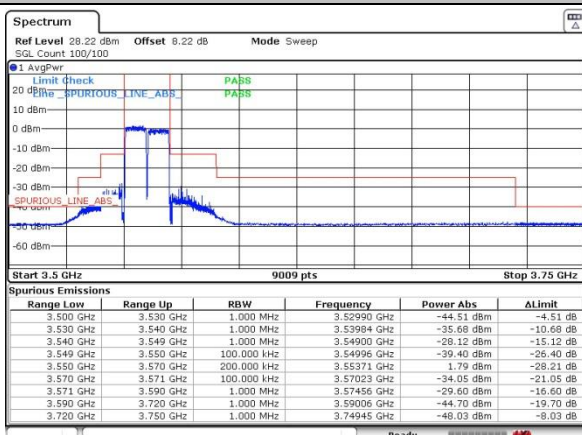
Date: 12.MAY.2022 14:11:27

Middle Band Edge / 1RB49 and 1RB0



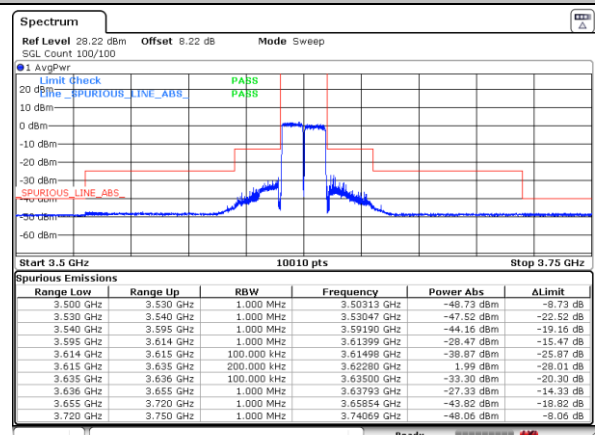
Date: 12.MAY.2022 13:58:38

Lowest Band Edge / Full RB



Date: 12.MAY.2022 14:07:55

Middle Band Edge / Full RB



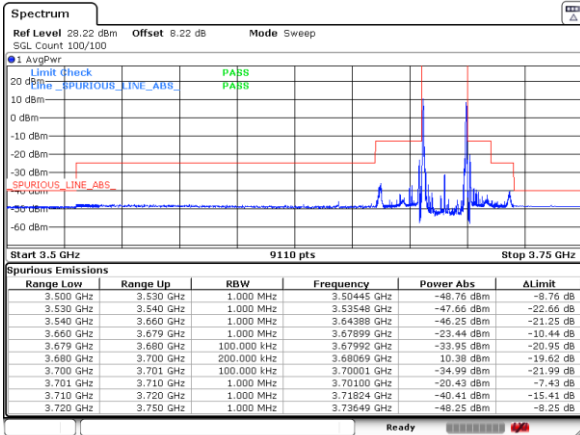
Date: 12.MAY.2022 14:01:41



LTE Band 48B / 10MHz+10MHz

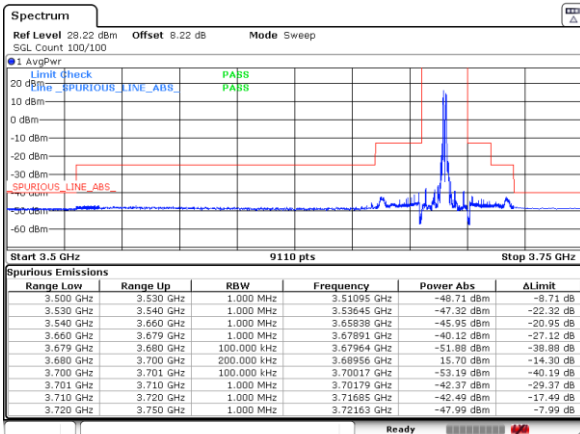
64QAM

Highest Band Edge / 1RB0 and 1RB49



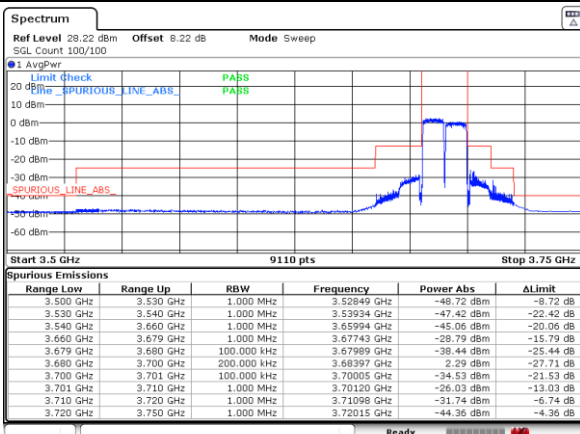
Date: 12.MAY.2022 13:46:41

Highest Band Edge / 1RB49 and 1RB0



Date: 12.MAY.2022 13:50:31

Highest Band Edge / Full RB



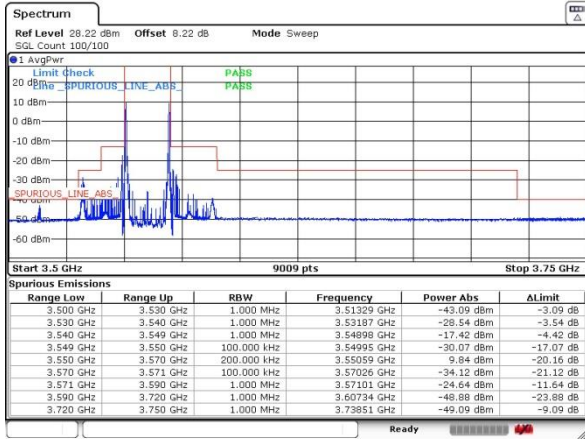
Date: 12.MAY.2022 13:46:05



LTE Band 48B/ 10MHz+10MHz

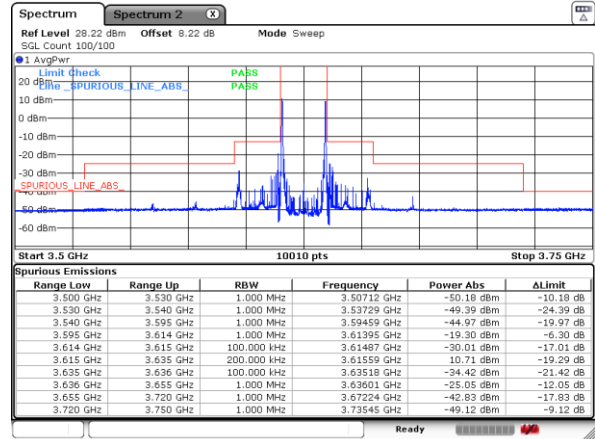
256QAM

Lowest Band Edge / 1RB0 and 1RB49



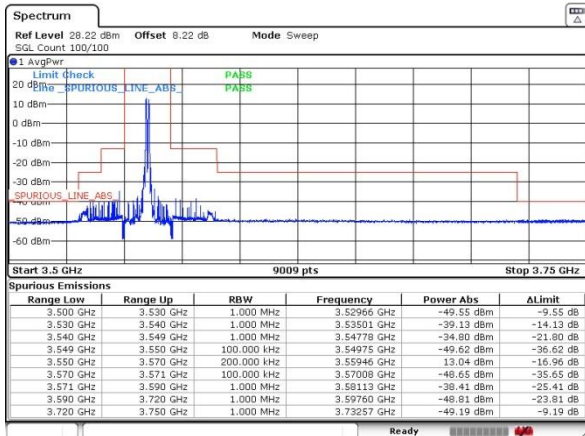
Date: 14 MAY 2022 02:23:33

Middle Band Edge / 1RB0 and 1RB49



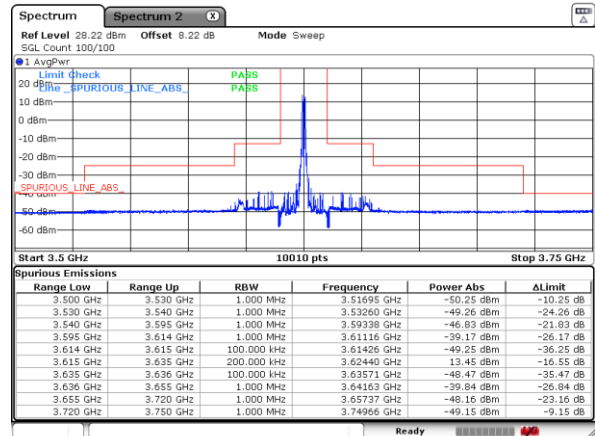
Date: 14 MAY 2022 02:52:08

Lowest Band Edge / 1RB49 and 1RB0



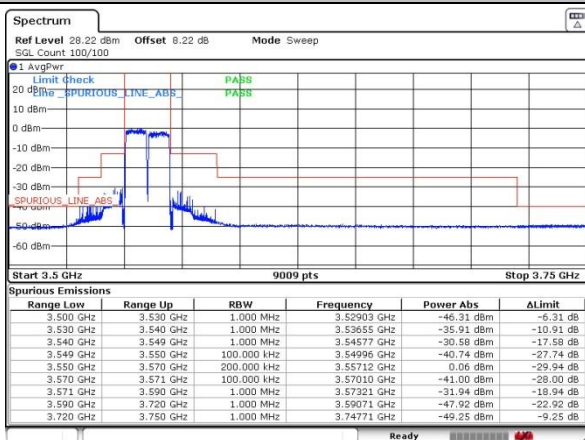
Date: 14 MAY 2022 02:24:55

Middle Band Edge / 1RB49 and 1RB0



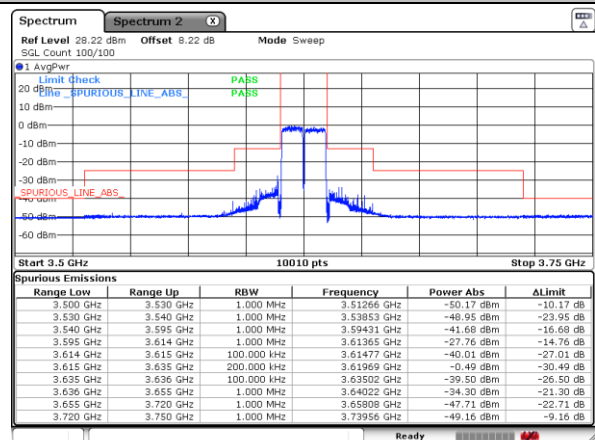
Date: 14 MAY 2022 02:52:43

Lowest Band Edge / Full RB



Date: 14 MAY 2022 02:22:19

Middle Band Edge / Full RB



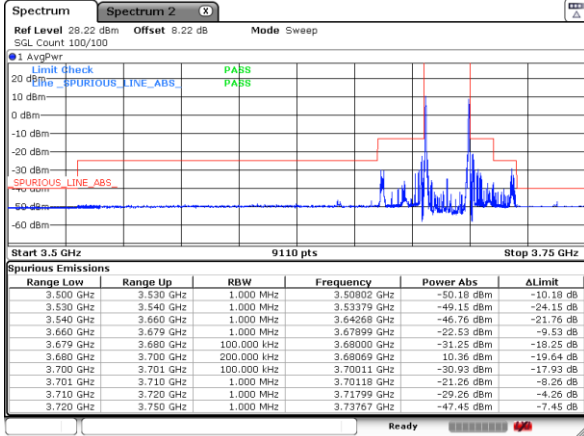
Date: 14 MAY 2022 02:51:11



LTE Band 48B / 10MHz+10MHz

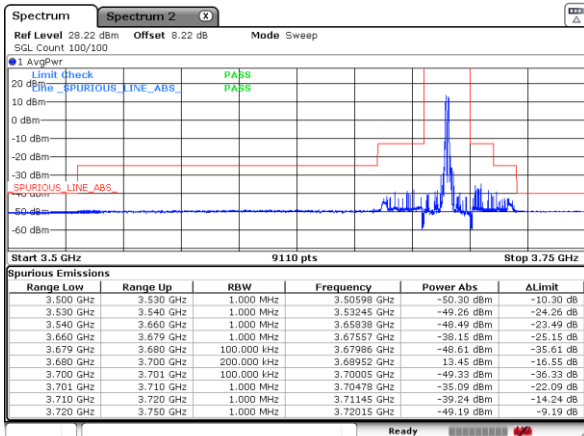
256QAM

Highest Band Edge / 1RB0 and 1RB49



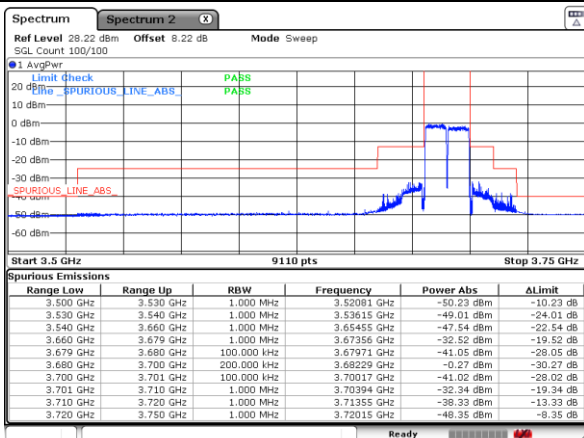
Date: 14 MAY 2022 02:54:31

Highest Band Edge / 1RB49 and 1RB0



Date: 14 MAY 2022 02:54:50

Highest Band Edge / Full RB



Date: 14 MAY 2022 02:54:05



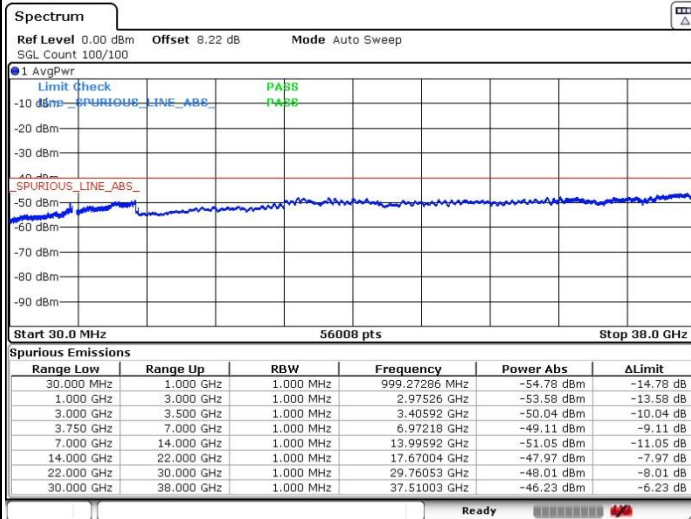
Conducted Spurious Emission

LTE Band 48B / 10MHz+10MHz

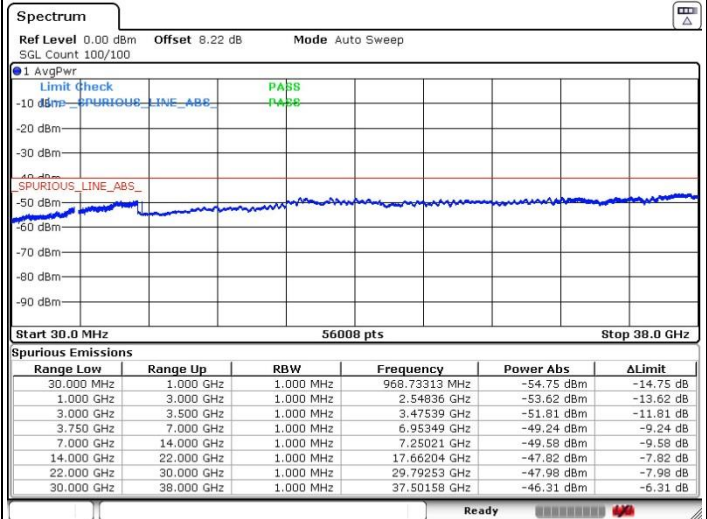
QPSK

Lowest Channel / 1RB49 and 1RB0

Middle Channel / 1RB49 and 1RB0

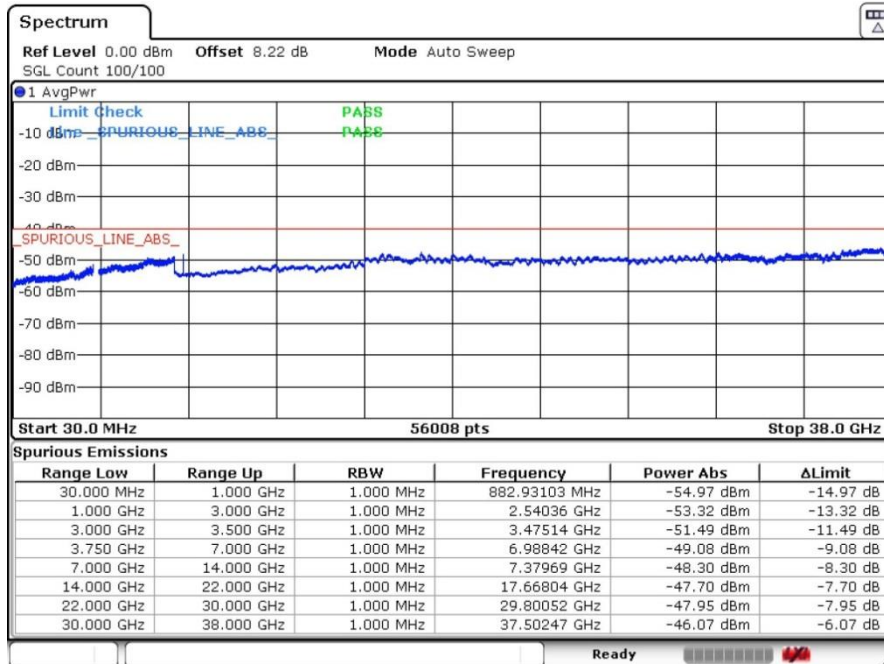


Date: 12.MAY.2022 15:11:34



Date: 12.MAY.2022 15:09:15

Highest Channel / 1RB99 and 1RB0



Date: 12.MAY.2022 15:07:23

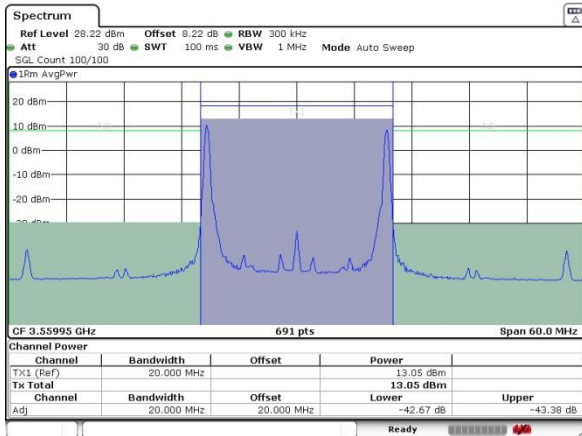


ACLR

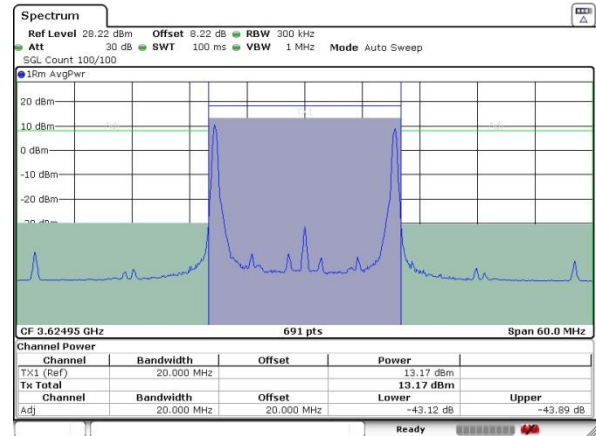
LTE Band 48B / 10MHz+10MHz

QPSK

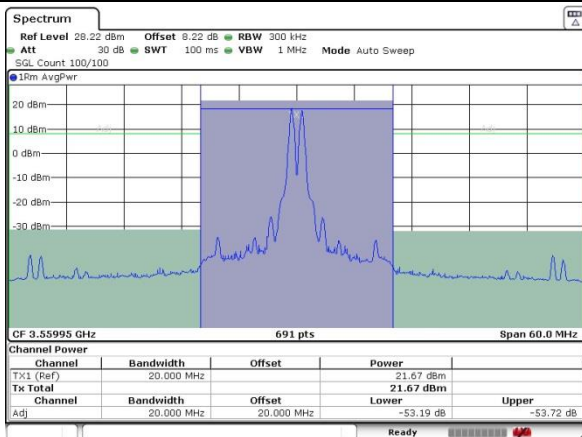
Lowest Band Edge / 1RB0 and 1RB99



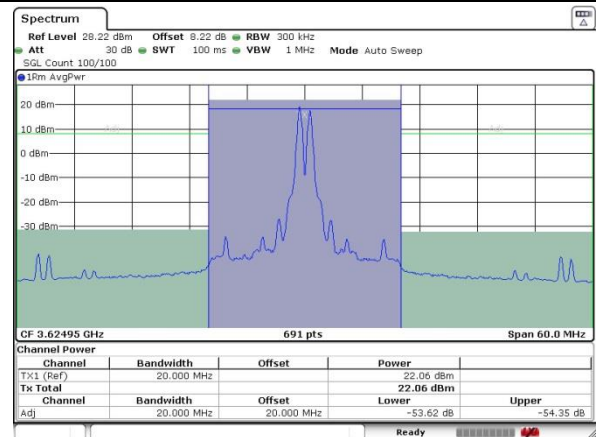
Middle Band Edge / 1RB0 and 1RB99



Lowest Band Edge / 1RB99 and 1RB0

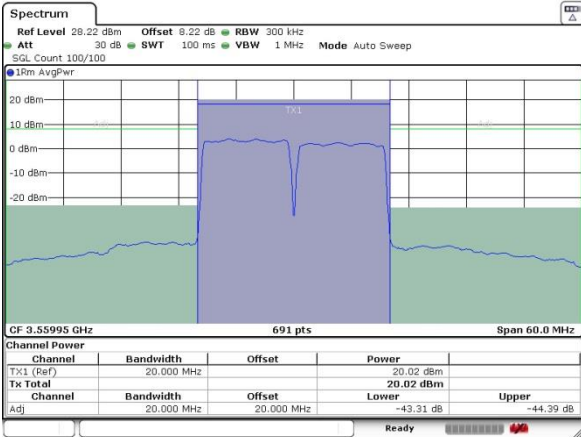


Middle Band Edge / 1RB99 and 1RB0



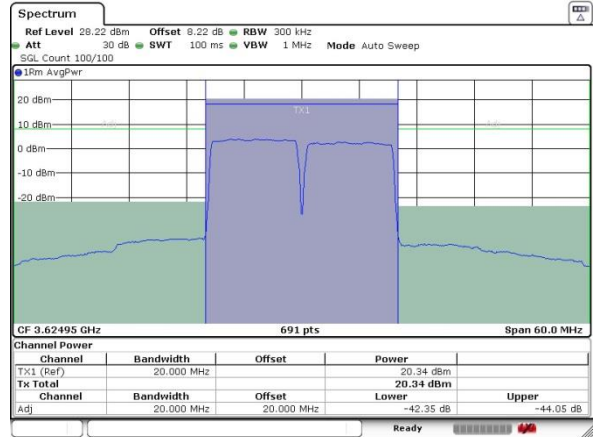


Lowest Band Edge / Full RB



Date: 12-MAY-2022 14:27:21

Middle Band Edge / Full RB



Date: 12-MAY-2022 14:49:32

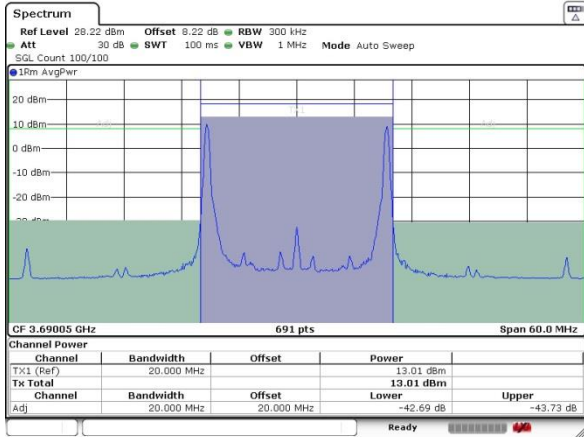


LTE Band 48B / 10MHz+10MHz

QPSK

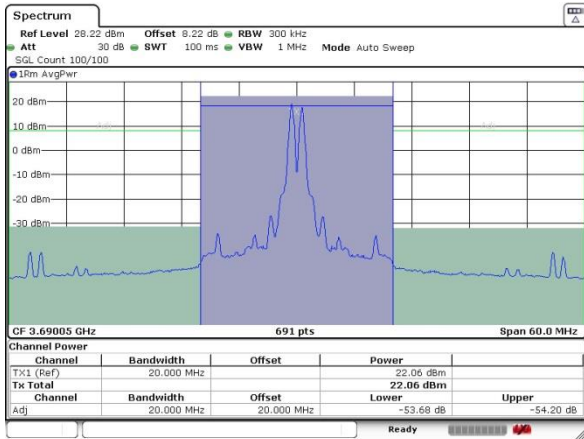
Highest Band Edge / 1RB0 and 1RB99

N/A



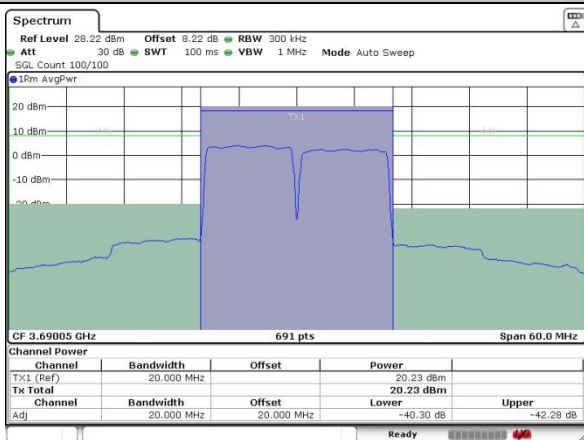
Highest Band Edge / 1RB99 and 1RB0

N/A



Highest Band Edge / Full RB

N/A

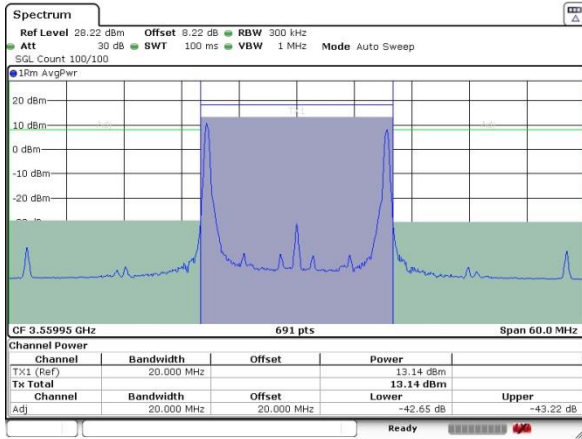




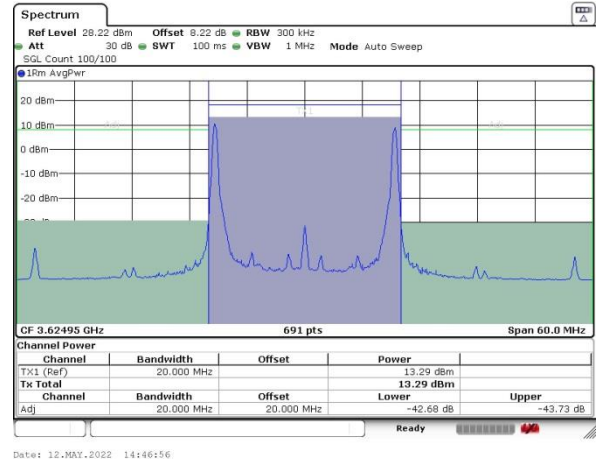
LTE Band 48B/ 10MHz+10MHz

16QAM

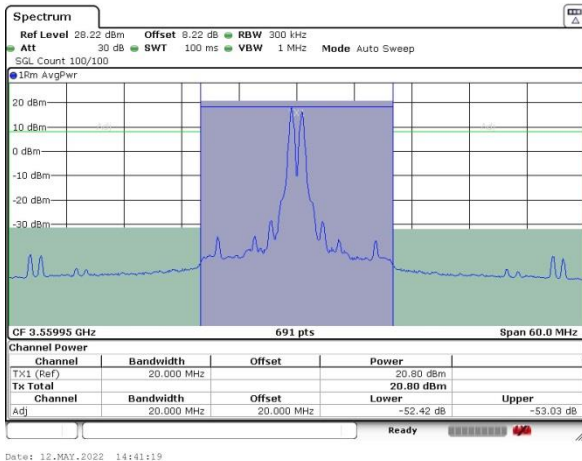
Lowest Band Edge / 1RB0 and 1RB99



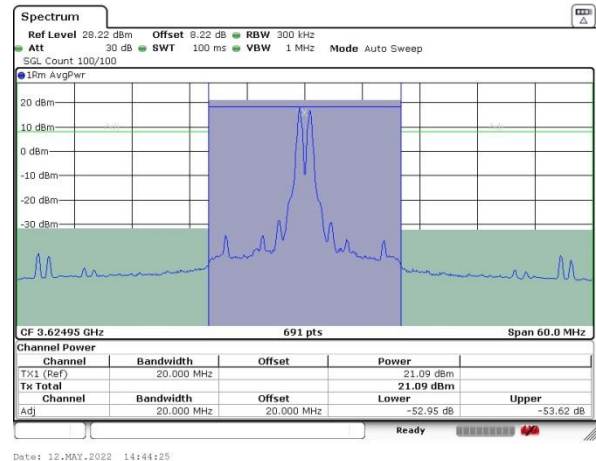
Middle Band Edge / 1RB0 and 1RB99



Lowest Band Edge / 1RB99 and 1RB0



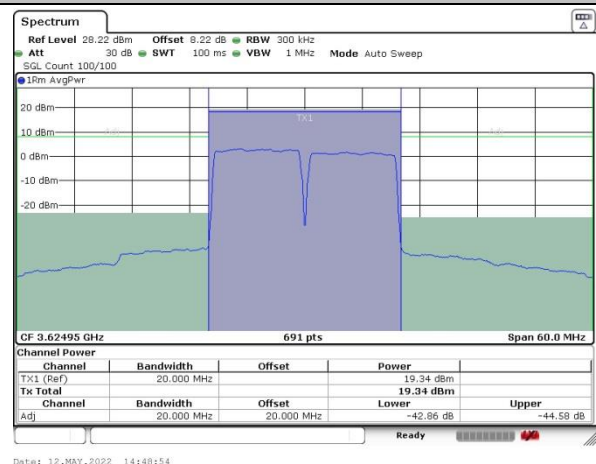
Middle Band Edge / 1RB99 and 1RB0



Lowest Band Edge / Full RB



Middle Band Edge / Full RB



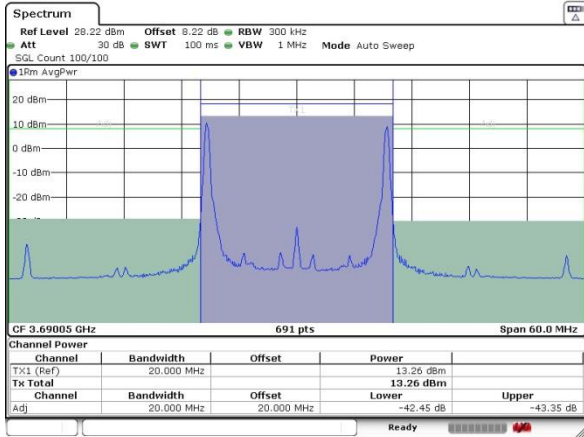


LTE Band 48B / 10MHz+10MHz

16QAM

Highest Band Edge / 1RB0 and 1RB99

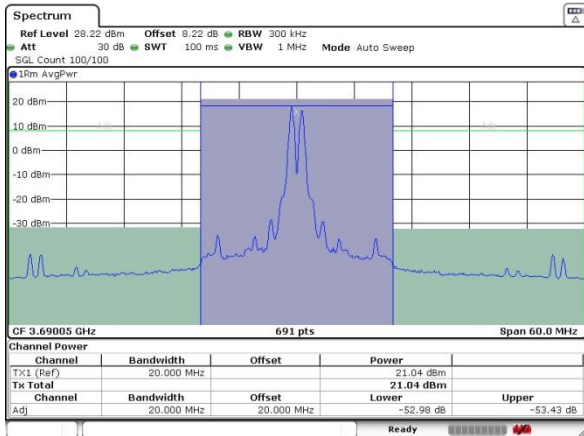
N/A



Date: 12.MAY.2022 14:54:05

Highest Band Edge / 1RB99 and 1RB0

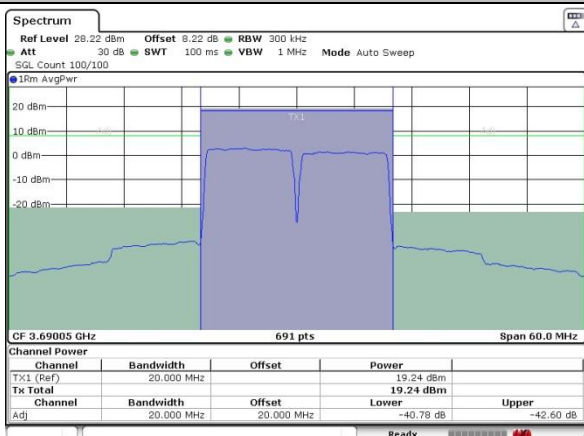
N/A



Date: 12.MAY.2022 14:56:02

Highest Band Edge / Full RB

N/A



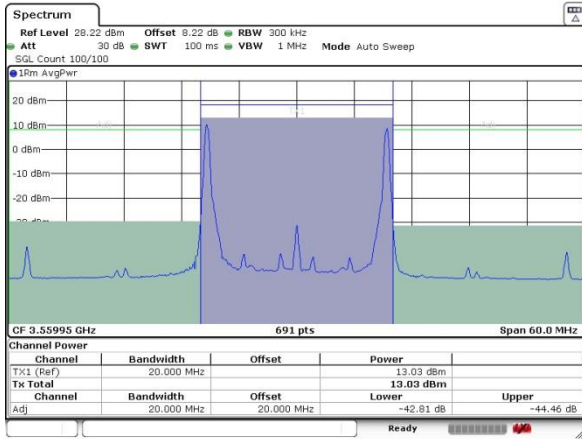
Date: 12.MAY.2022 14:52:05



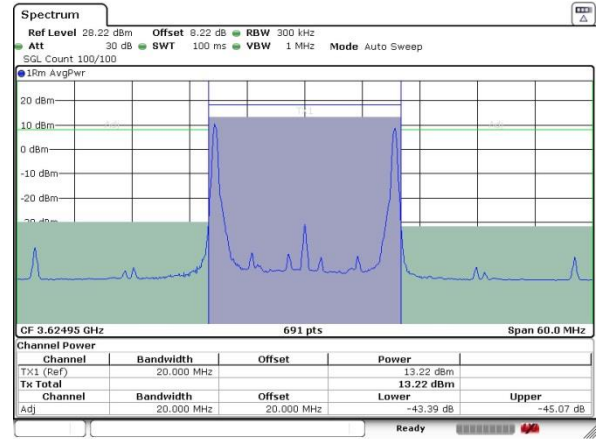
LTE Band 48B / 10MHz+10MHz

64QAM

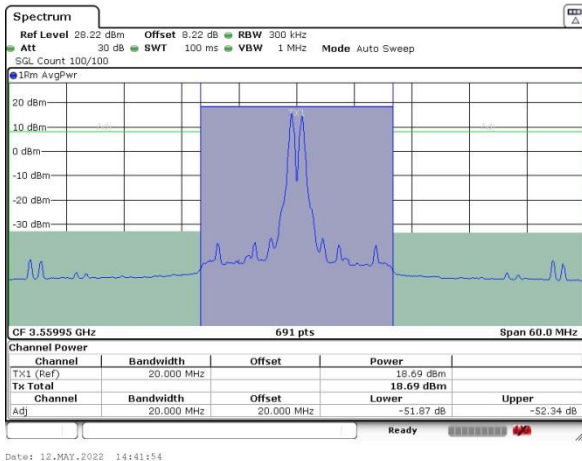
Lowest Band Edge / 1RB0 and 1RB99



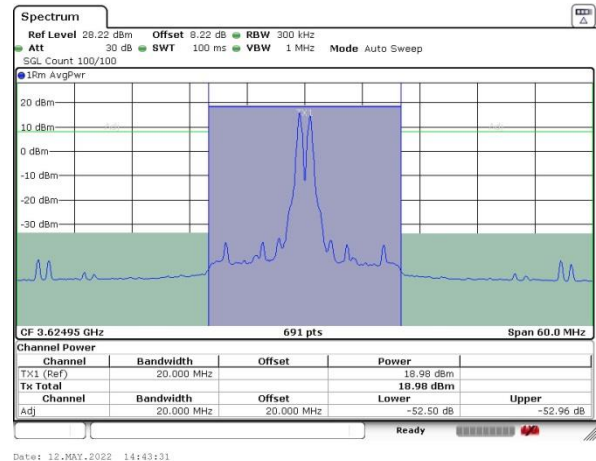
Middle Band Edge / 1RB0 and 1RB99



Lowest Band Edge / 1RB99 and 1RB0



Middle Band Edge / 1RB99 and 1RB0



Lowest Band Edge / Full RB



Middle Band Edge / Full RB



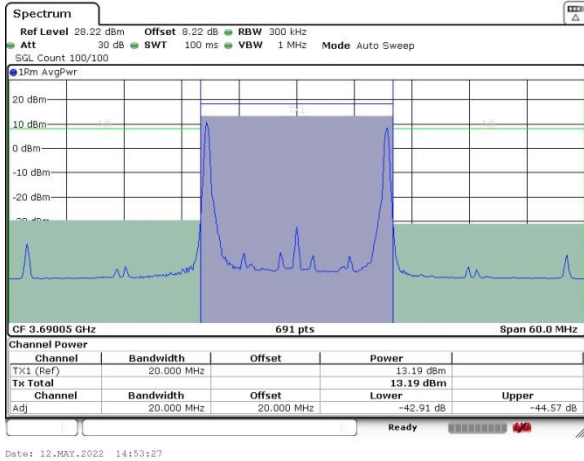


LTE Band 48B / 10MHz+10MHz

64QAM

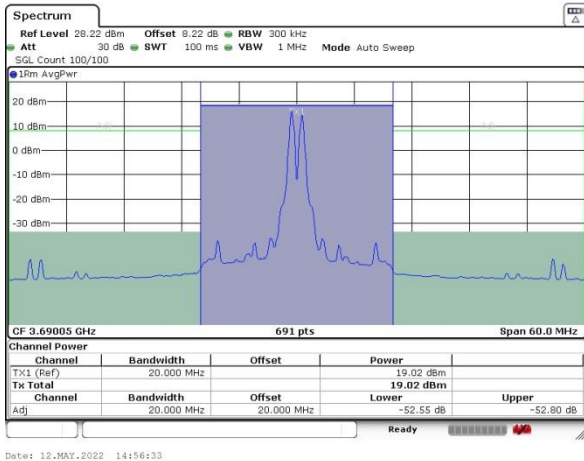
Highest Band Edge / 1RB0 and 1RB99

N/A



Highest Band Edge / 1RB99 and 1RB0

N/A



Highest Band Edge / Full RB

N/A

