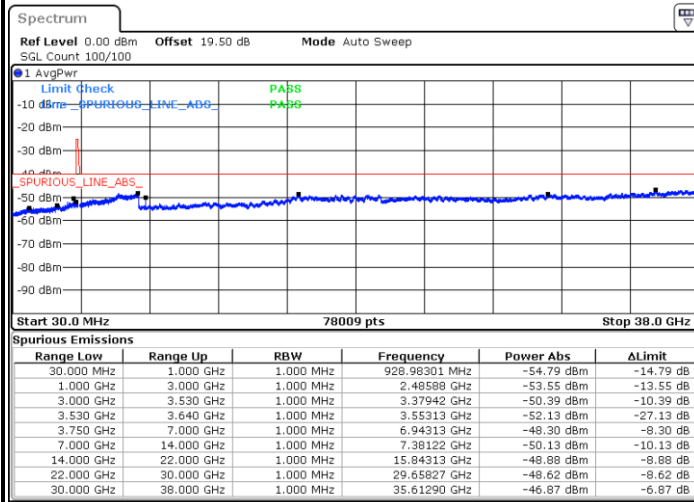




## LTE Band 48 / 10MHz

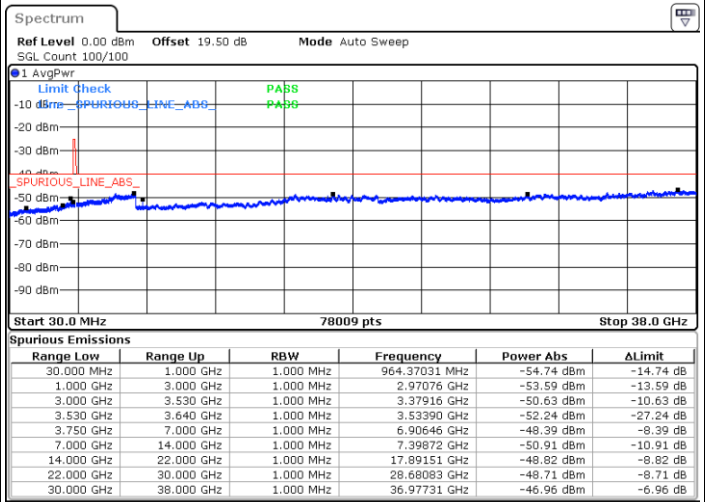
## 64QAM

## Highest Channel / 1RB0



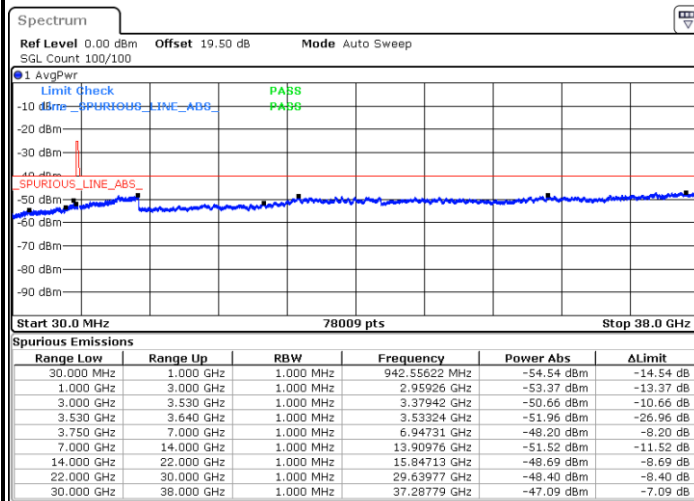
Date: 11.DEC.2020 23:35:08

## Highest Channel / 1RBmax



Date: 11.DEC.2020 23:55:04

## Highest Channel / FullIRB



Date: 11.DEC.2020 23:31:28

N/A

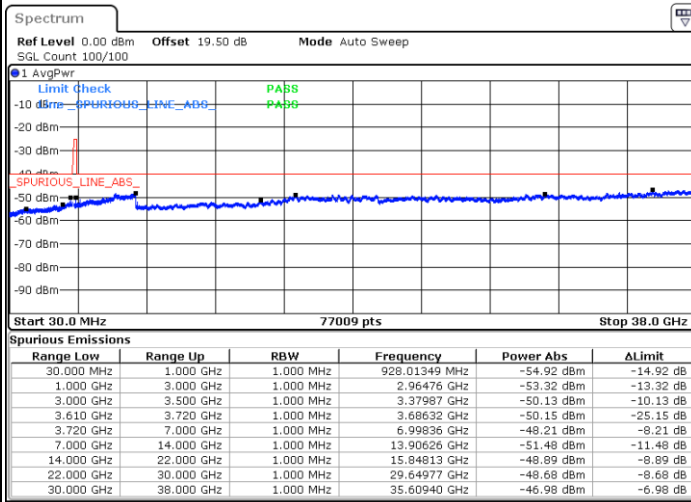


## LTE Band 48 / 15MHz

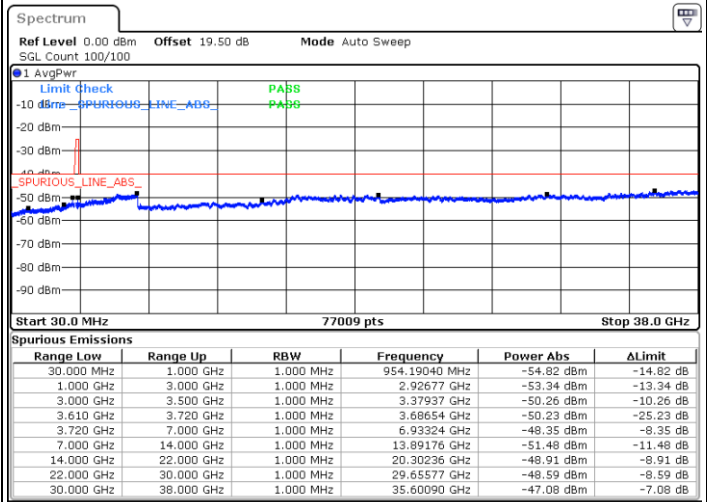
## 64QAM

## Lowest Channel / 1RB0

## Lowest Channel / 1RBmax



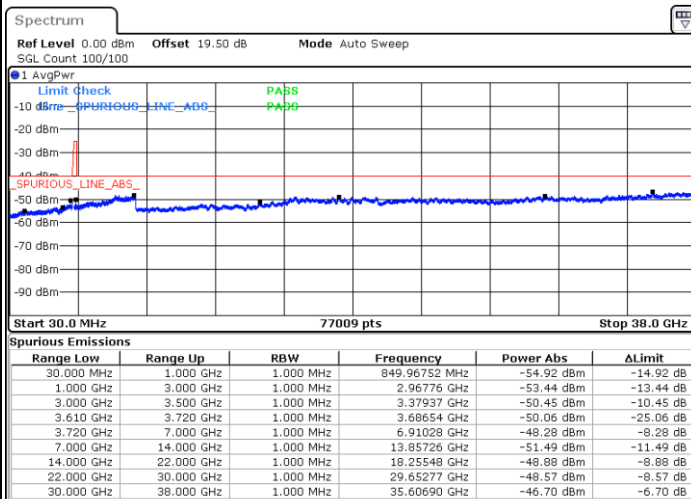
Date: 12.DEC.2020 04:29:37



Date: 12.DEC.2020 04:34:10

## Lowest Channel / FullRB

## N/A



Date: 12.DEC.2020 03:54:10

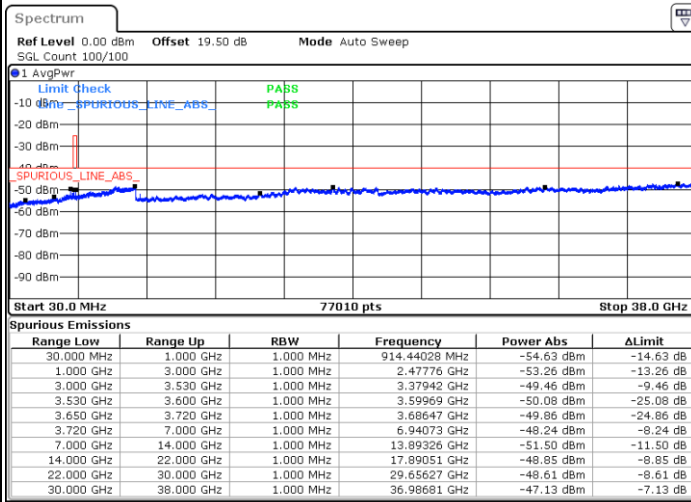


## LTE Band 48 / 15MHz

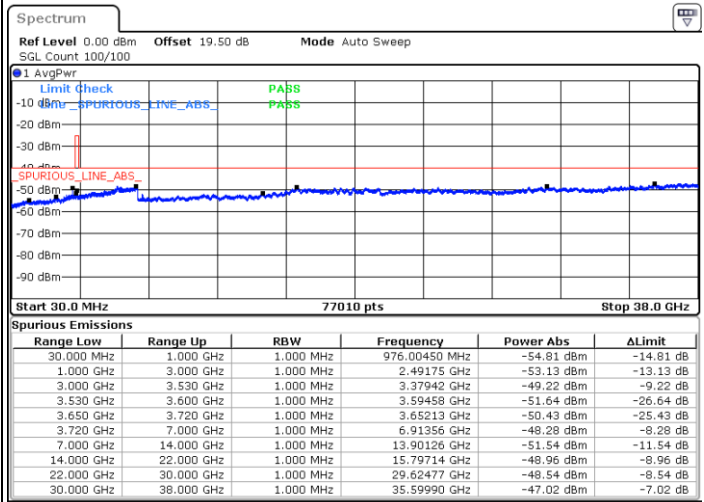
## 64QAM

## Middle Channel / 1RB0

## Middle Channel / 1RBmax



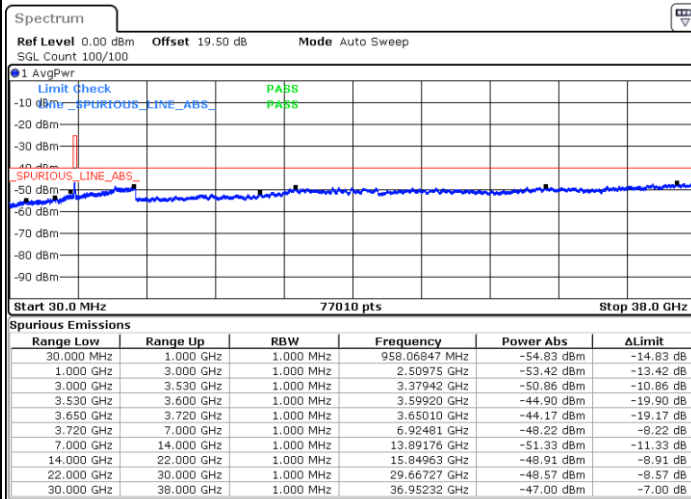
Date: 12.DEC.2020 05:23:38



Date: 12.DEC.2020 05:44:54

## Middle Channel / FullIRB

## N/A



Date: 12.DEC.2020 04:53:54

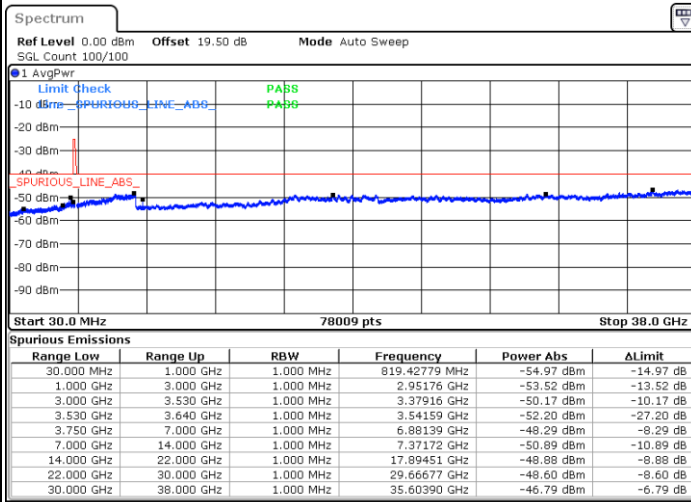


## LTE Band 48 / 15MHz

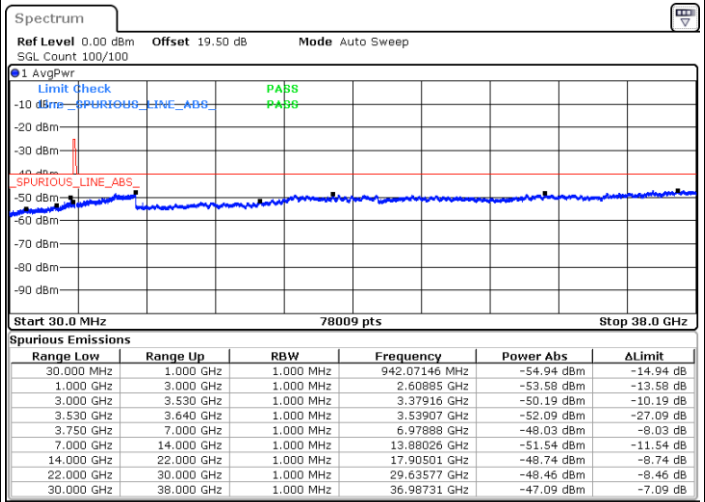
## 64QAM

## Highest Channel / 1RB0

## Highest Channel / 1RBmax



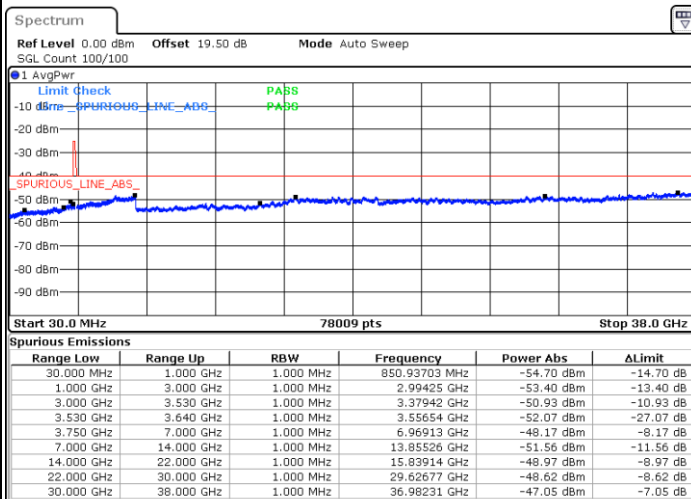
Date: 12.DEC.2020 03:20:46



Date: 12.DEC.2020 03:48:51

## Highest Channel / FullIRB

## N/A



Date: 12.DEC.2020 03:15:07

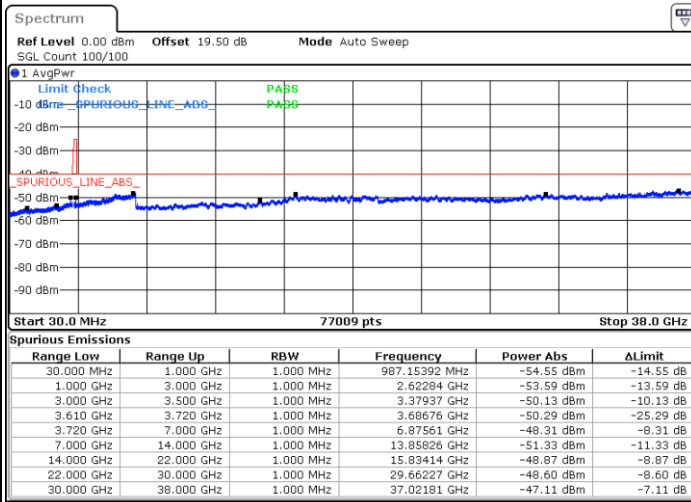


## LTE Band 48 / 20MHz

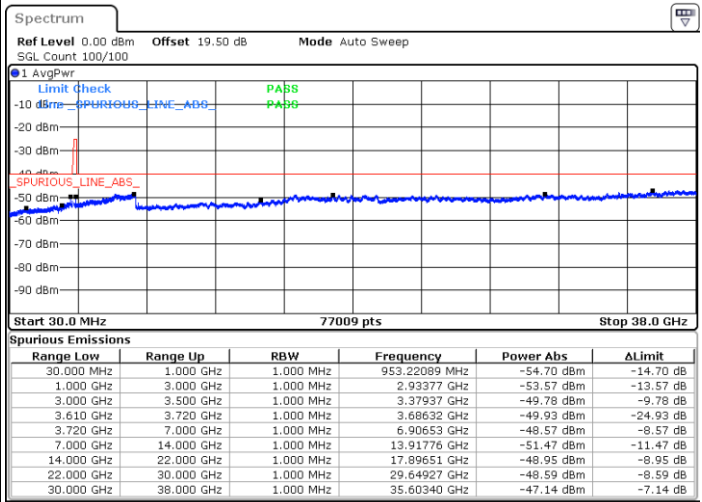
## 64QAM

## Lowest Channel / 1RB0

## Lowest Channel / 1RBmax



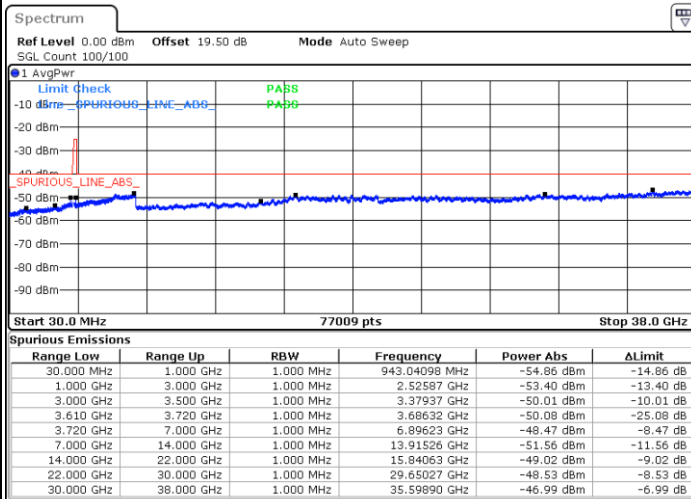
Date: 12.DEC.2020 09:40:53



Date: 12.DEC.2020 10:24:23

## Lowest Channel / FullRB

## N/A



Date: 12.DEC.2020 09:17:10

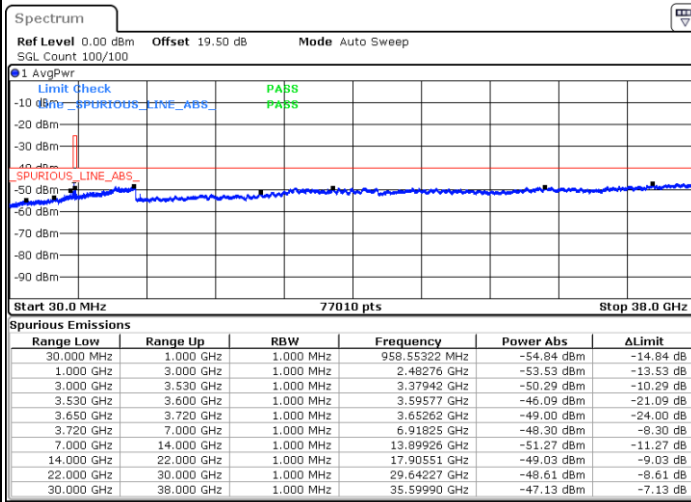


## LTE Band 48 / 20MHz

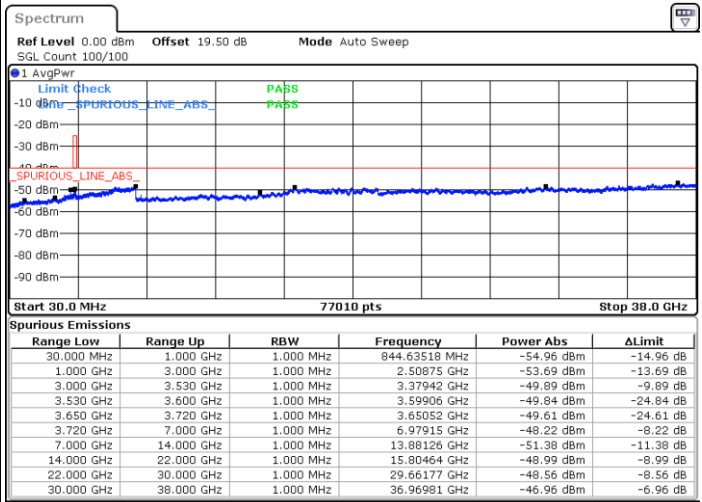
## 64QAM

## Middle Channel / 1RB0

## Middle Channel / 1RBmax



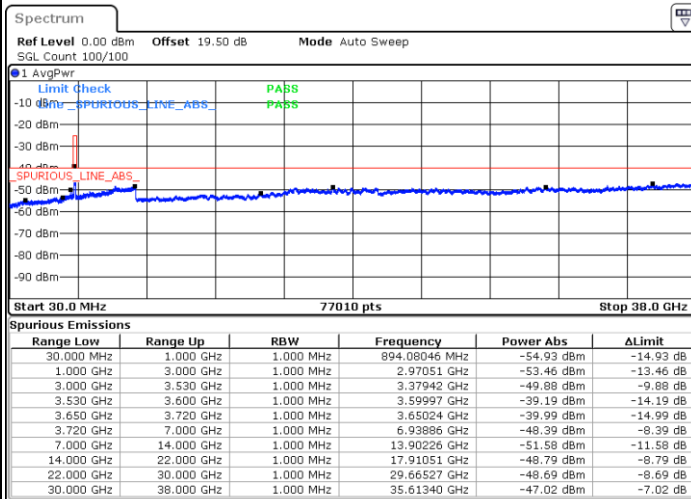
Date: 12.DEC.2020 11:13:28



Date: 12.DEC.2020 12:54:47

## Middle Channel / FullIRB

## N/A



Date: 12.DEC.2020 10:59:47

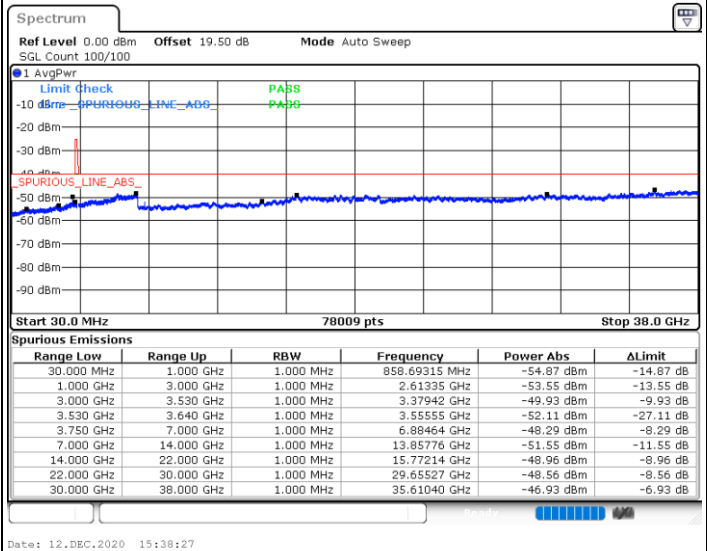
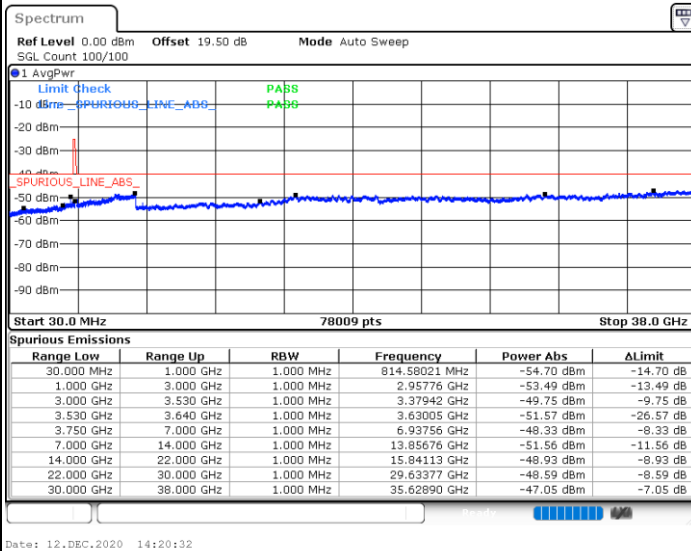


## LTE Band 48 / 20MHz

## 64QAM

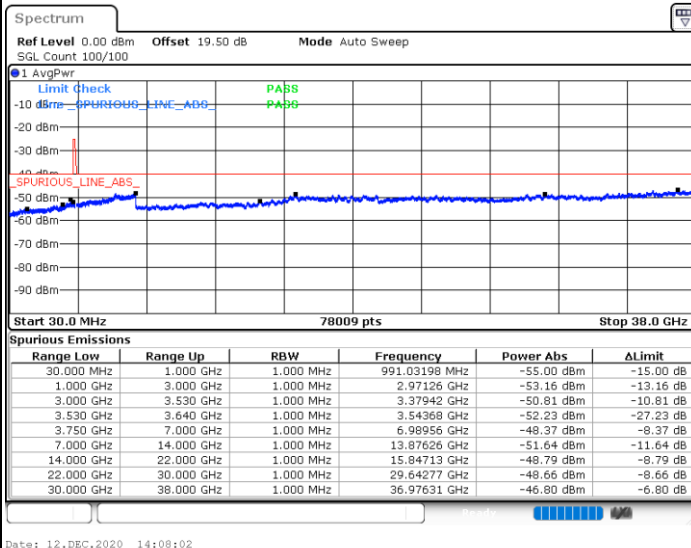
## Highest Channel / 1RB0

## Highest Channel / 1RBmax



## Highest Channel / FullIRB

## 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    | 0.0014                              | PASS    |
| 40               | Normal Voltage    | 0.0017                              |         |
| 30               | Normal Voltage    | 0.0011                              |         |
| 20(Ref.)         | Normal Voltage    | 0.0000                              |         |
| 10               | Normal Voltage    | 0.0008                              |         |
| 0                | Normal Voltage    | 0.0002                              |         |
| -10              | Normal Voltage    | 0.0006                              |         |
| -20              | Normal Voltage    | 0.0010                              |         |
| -30              | Normal Voltage    | 0.0015                              |         |
| 20               | Maximum Voltage   | 0.0004                              |         |
| 20               | Normal Voltage    | 0.0000                              |         |
| 20               | Battery End Point | 0.0005                              |         |

**Note:**

1. Normal Voltage =7.74 V. ; Battery End Point (BEP) =7.2 V. ; Maximum Voltage =8.9 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.





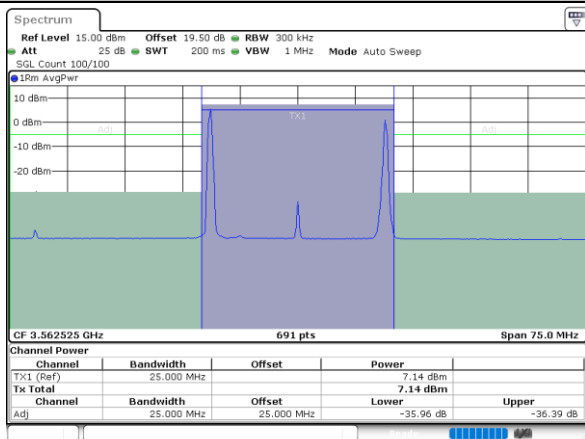
## LTE Band 48C

## ACLR

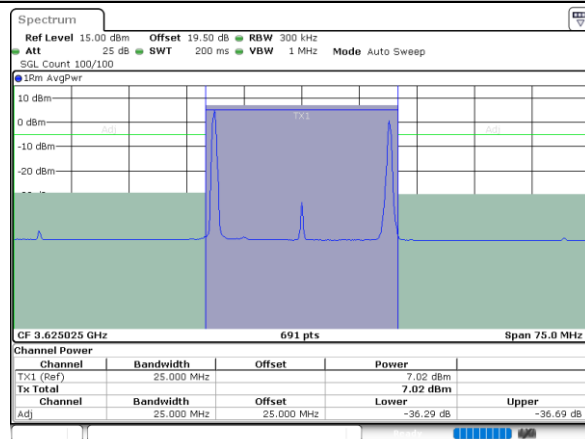
## LTE Band 48C / 5MHz+20MHz

## QPSK

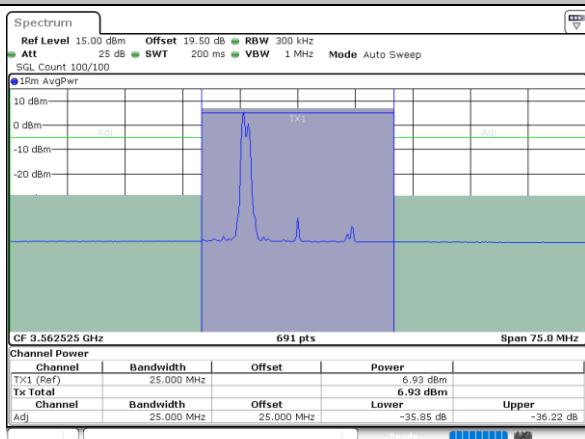
## Lowest ACLR / 1RB0 and 1RB99



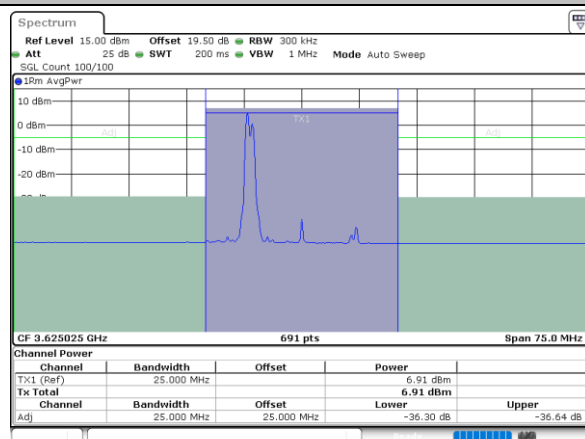
## Middle ACLR / 1RB0 and 1RB99



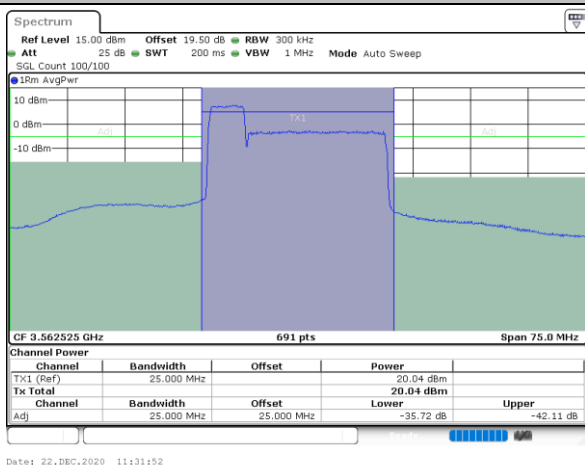
## Lowest ACLR / 1RB24 and 1RB0



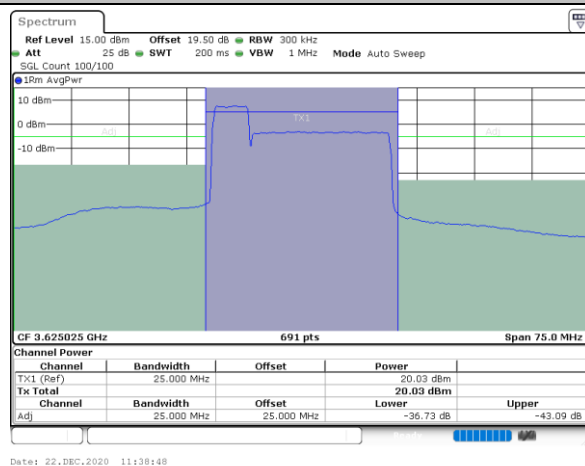
## Middle ACLR / 1RB24 and 1RB0



## Lowest ACLR / Full RB



## Middle ACLR / Full RB



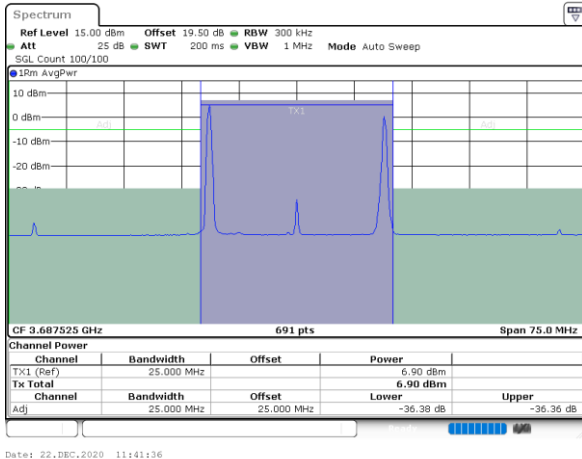


LTE Band 48C / 5MHz+20MHz

QPSK

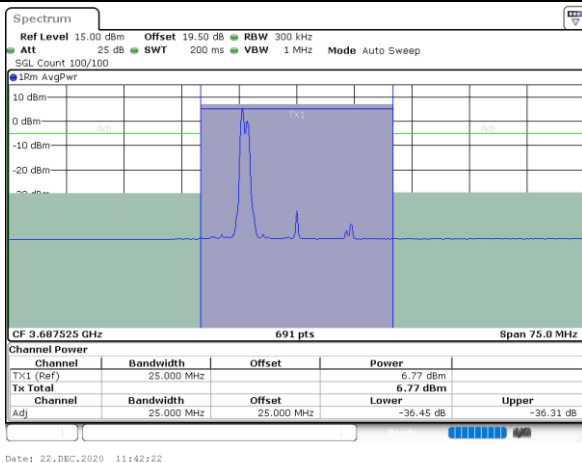
Highest ACLR / 1RB0 and 1RB99

N/A



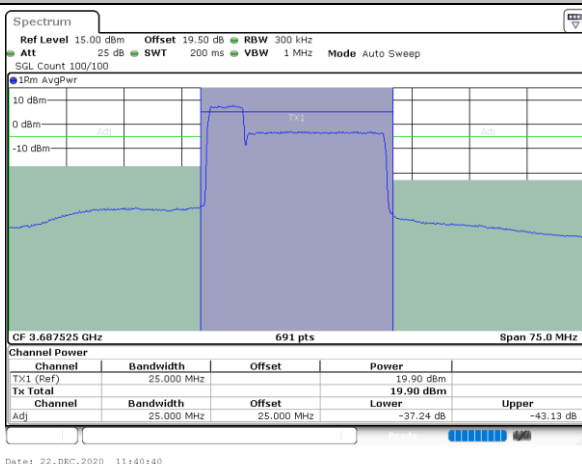
Highest ACLR / 1RB24 and 1RB0

N/A



Highest ACLR / Full RB

N/A

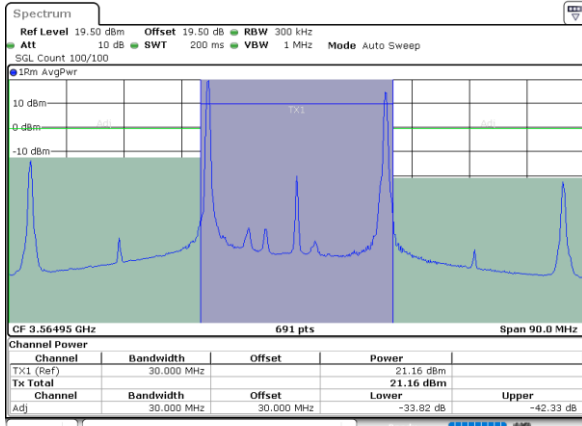




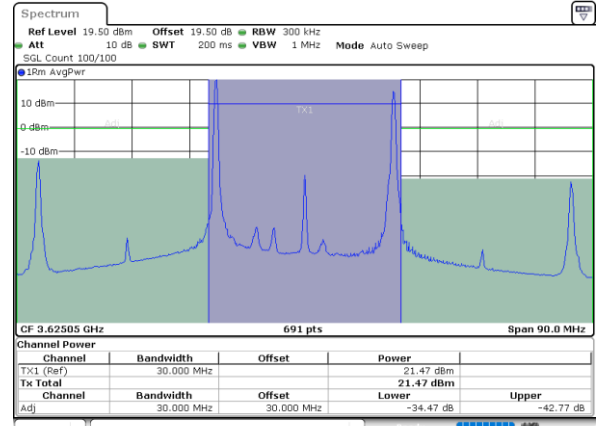
## LTE Band 48C / 10MHz+20MHz

## QPSK

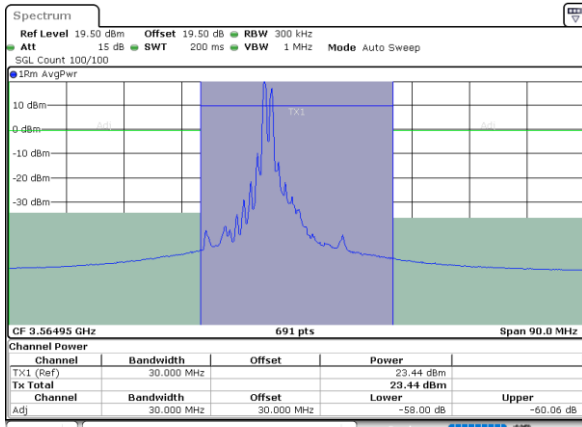
## Lowest ACLR / 1RB0 and 1RB99



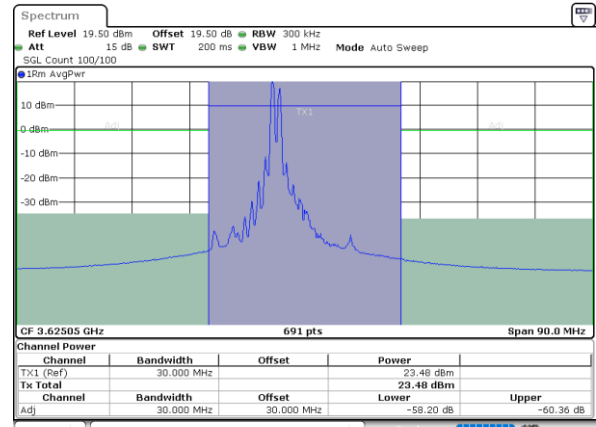
## Middle ACLR / 1RB0 and 1RB99



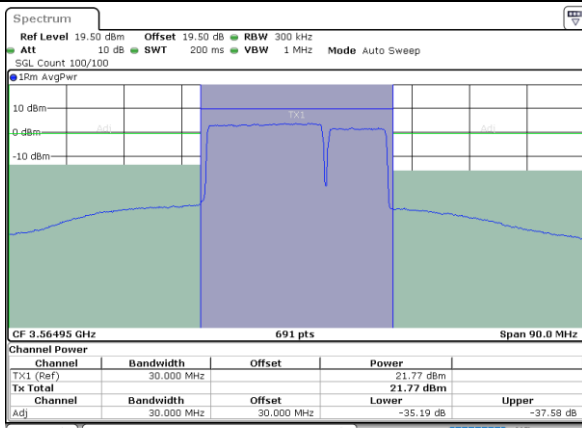
## Lowest ACLR / 1RB49 and 1RB0



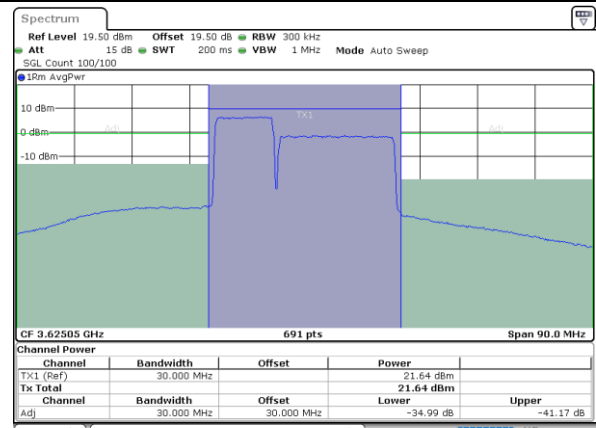
## Middle ACLR / 1RB49 and 1RB0



## Lowest ACLR / Full RB



## Middle ACLR / Full RB



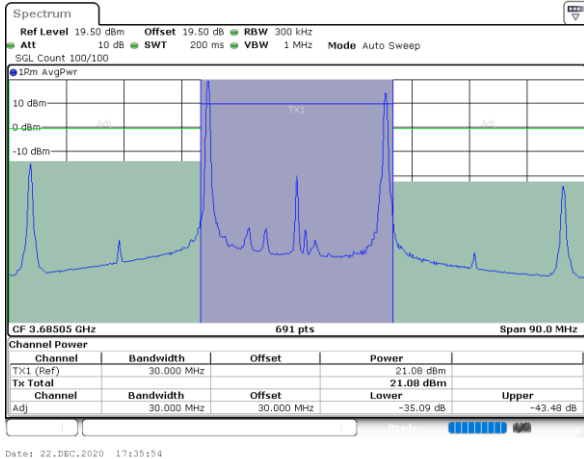


LTE Band 48C / 10MHz+20MHz

QPSK

Highest ACLR / 1RB0 and 1RB99

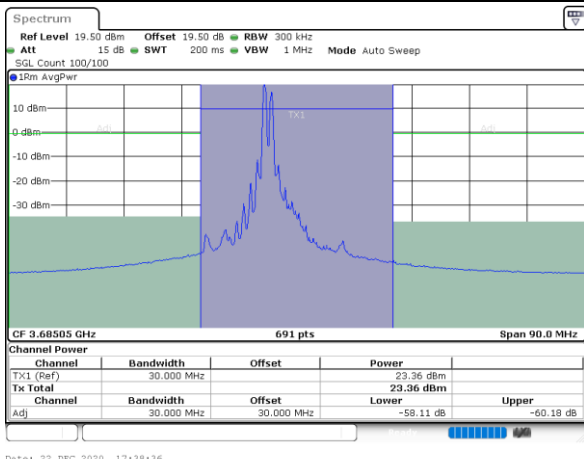
N/A



Date: 22, DEC, 2020 17:35:54

Highest ACLR / 1RB49 and 1RB0

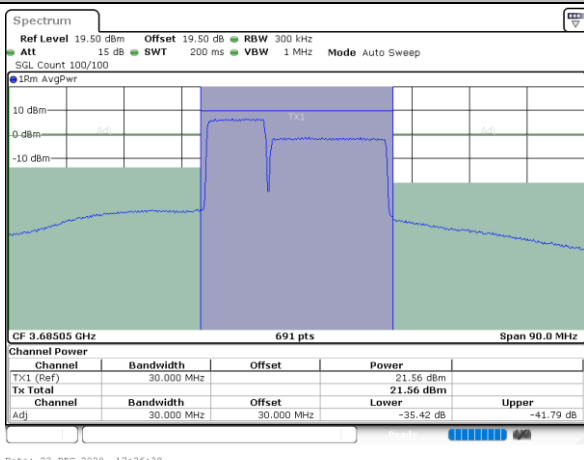
N/A



Date: 22, DEC, 2020 17:38:36

Highest ACLR / Full RB

N/A



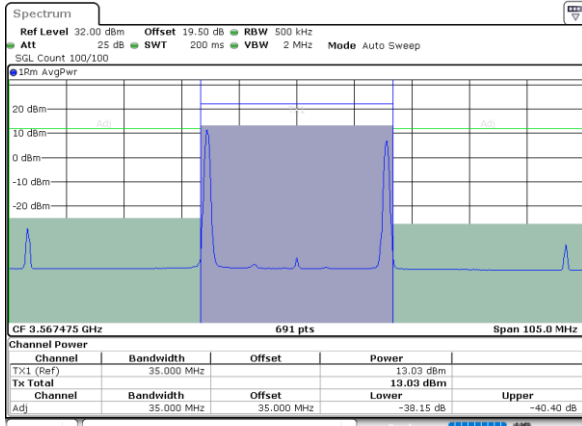
Date: 22, DEC, 2020 17:26:38



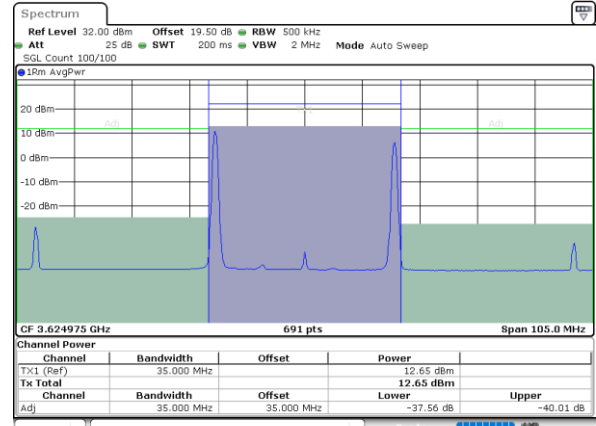
## LTE Band 48C / 15MHz+20MHz

## QPSK

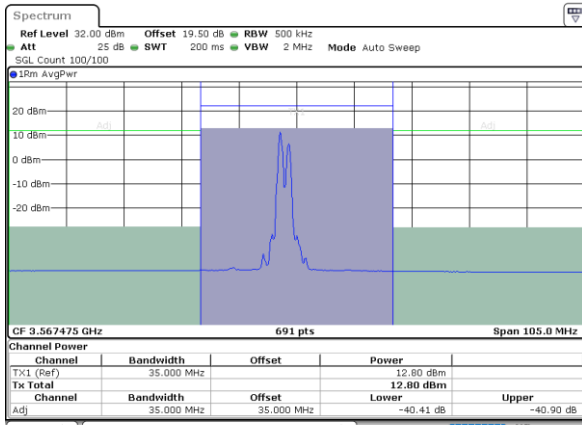
## Lowest ACLR / 1RB0 and 1RB99



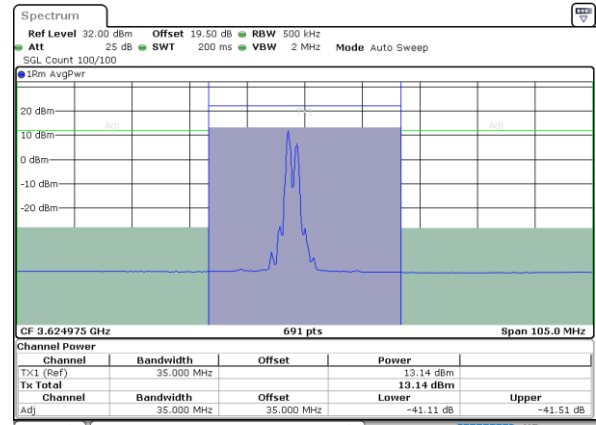
## Middle ACLR / 1RB0 and 1RB99



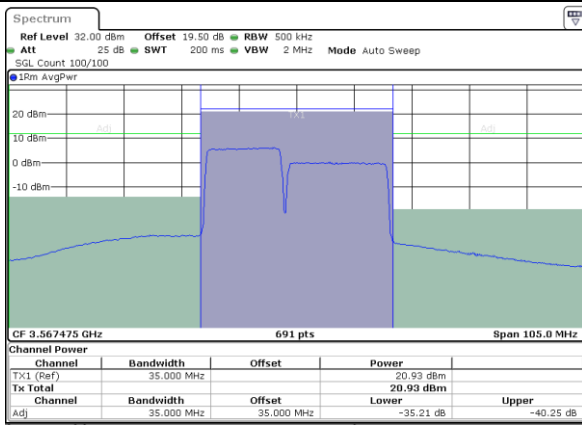
## Lowest ACLR / 1RB74 and 1RB0



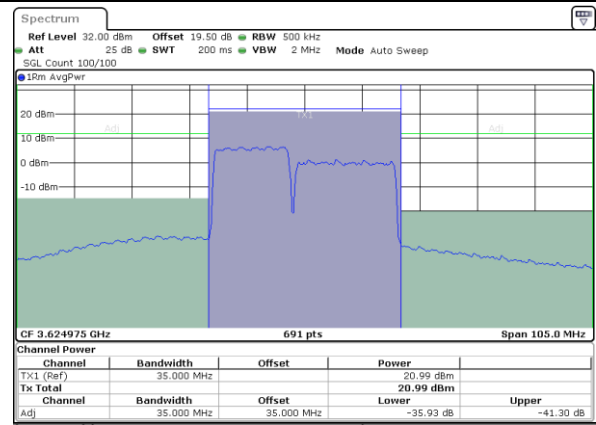
## Middle ACLR / 1RB74 and 1RB0



## Lowest ACLR / Full RB



## Middle ACLR / Full RB



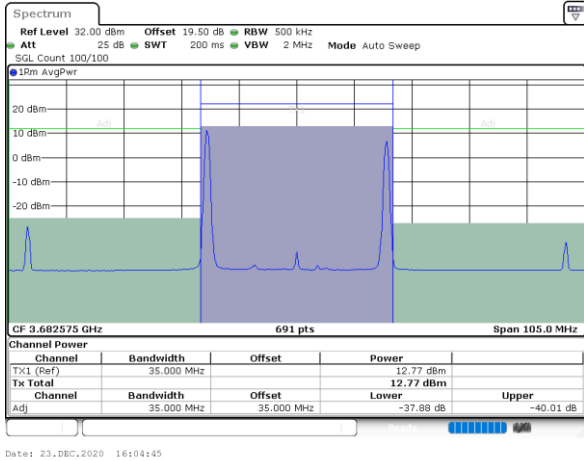


LTE Band 48C / 15MHz+20MHz

QPSK

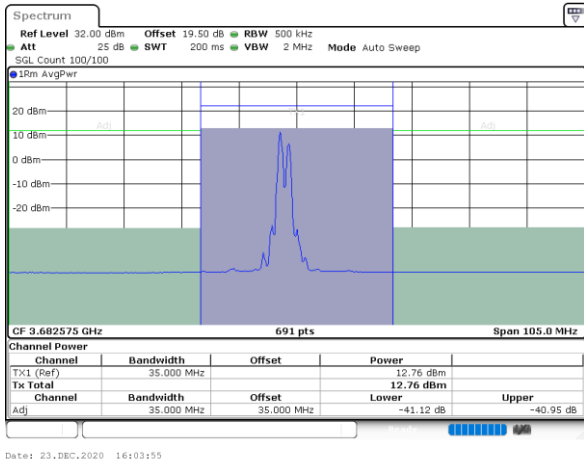
Highest ACLR / 1RB0 and 1RB99

N/A



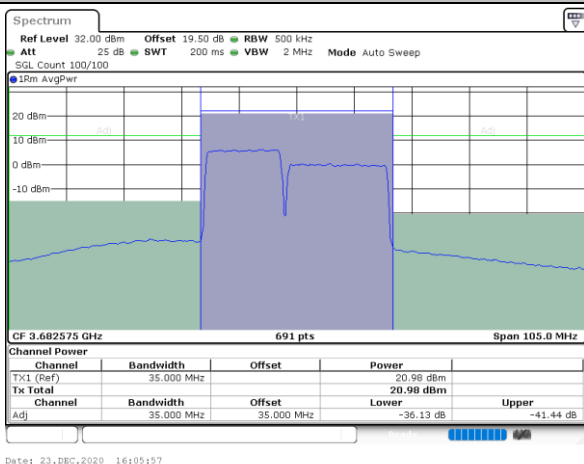
Highest ACLR / 1RB74 and 1RB0

N/A



Highest ACLR / Full RB

N/A

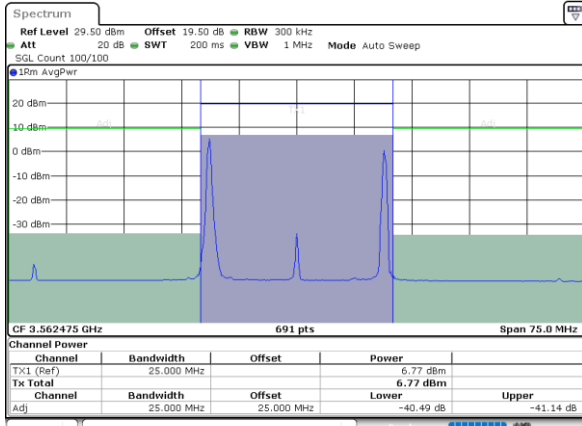




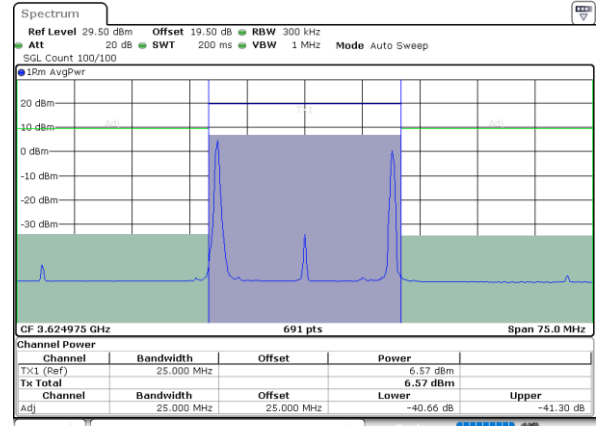
## LTE Band 48C/ 20MHz+5MHz

## QPSK

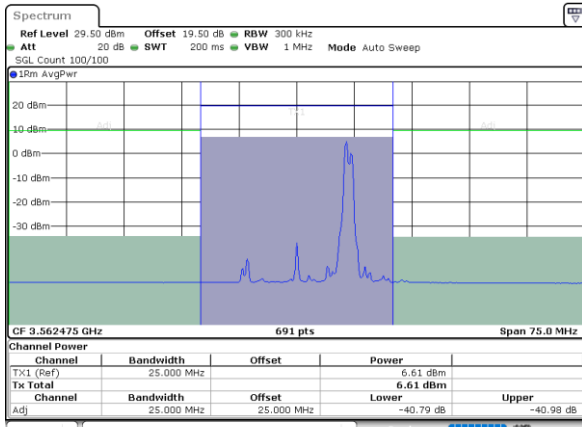
## Lowest ACLR / 1RB0 and 1RB24



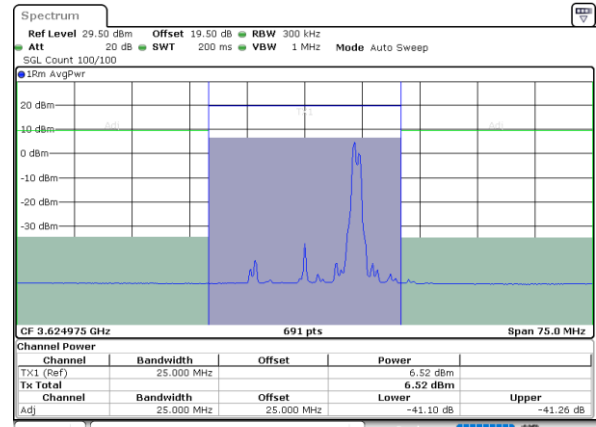
## Middle ACLR / 1RB0 and 1RB24



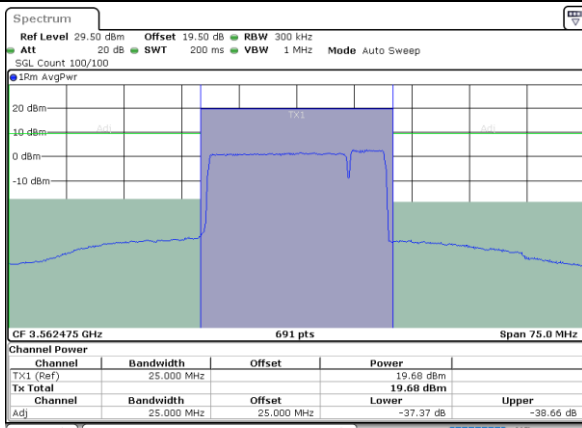
## Lowest ACLR / 1RB99 and 1RB0



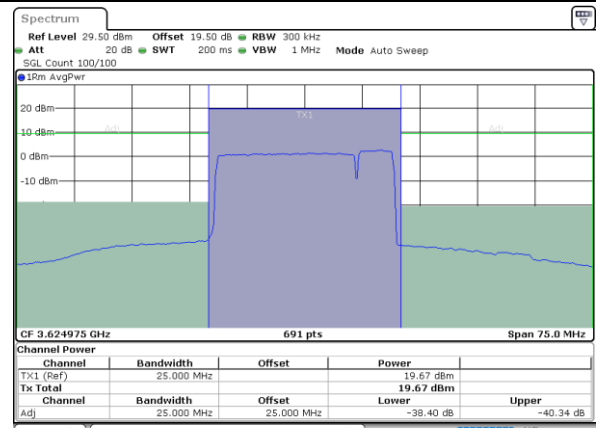
## Middle ACLR / 1RB99 and 1RB0



## Lowest ACLR / Full RB



## Middle ACLR / Full RB



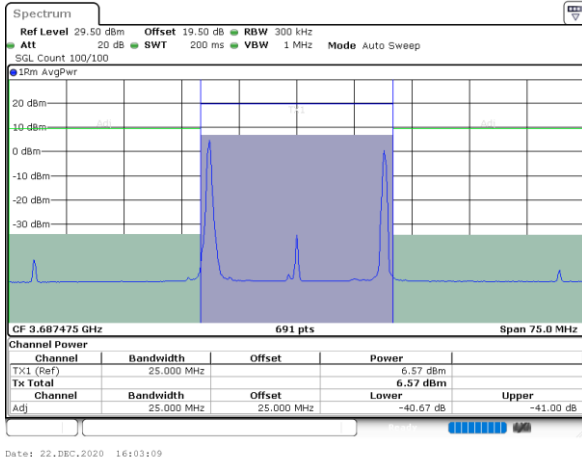


LTE Band 48C / 20MHz+5MHz

QPSK

Highest ACLR / 1RB0 and 1RB24

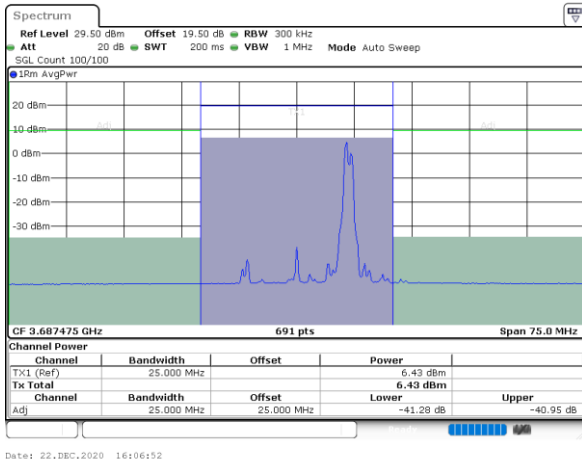
N/A



Date: 22.DEC.2020 16:03:09

Highest ACLR / 1RB99 and 1RB0

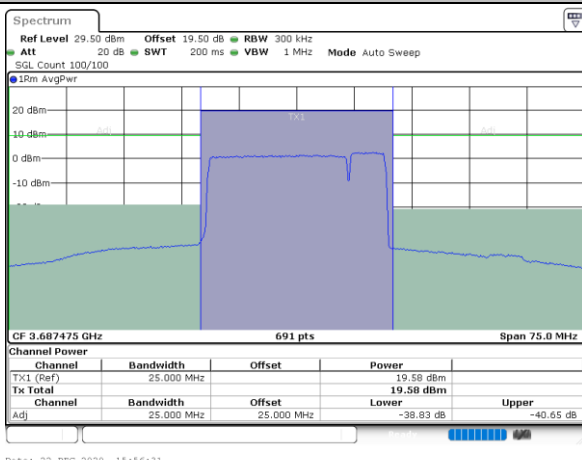
N/A



Date: 22.DEC.2020 16:06:52

Highest ACLR / Full RB

N/A



Date: 22.DEC.2020 15:56:31

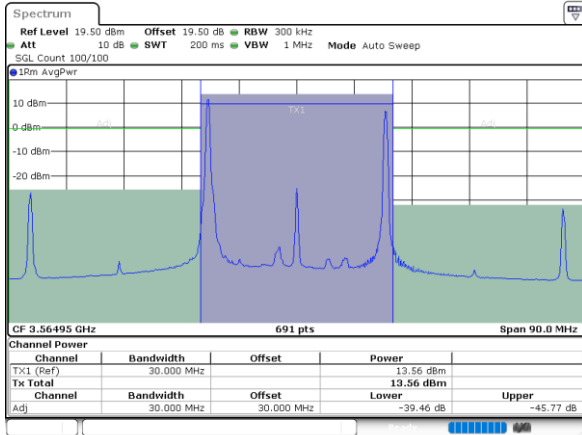




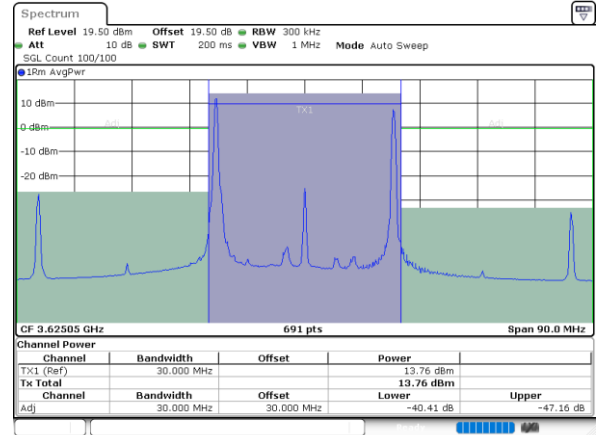
## LTE Band 48C / 20MHz+10MHz

## QPSK

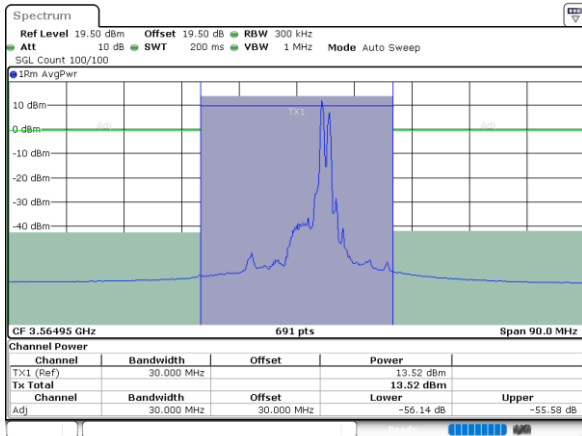
## Lowest ACLR / 1RB0 and 1RB49



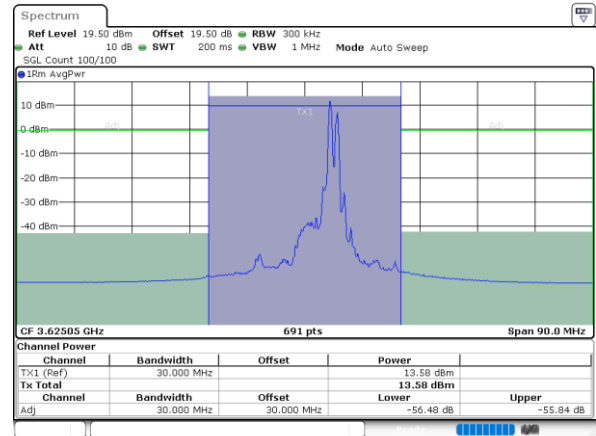
## Middle ACLR / 1RB0 and 1RB49



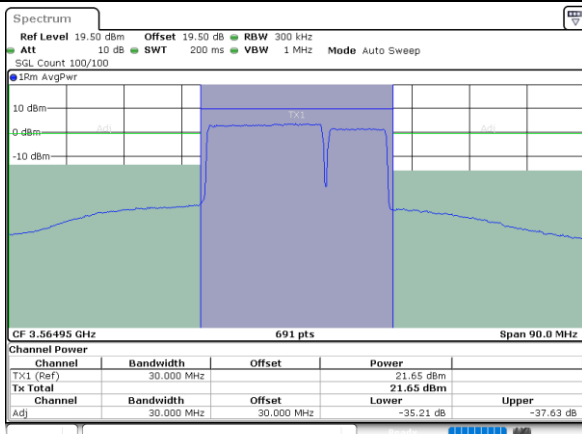
## Lowest ACLR / 1RB99 and 1RB0



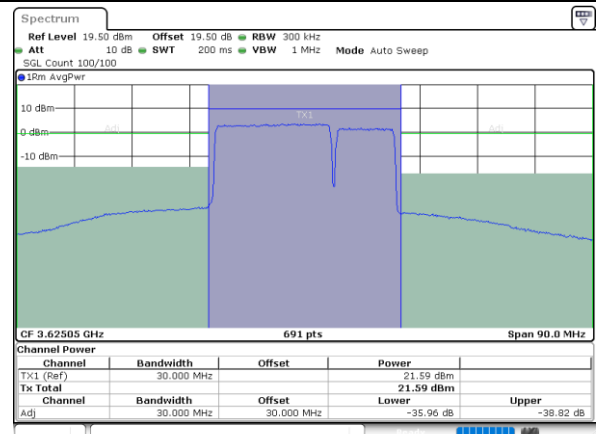
## Middle ACLR / 1RB99 and 1RB0



## Lowest ACLR / Full RB



## Middle ACLR / Full RB



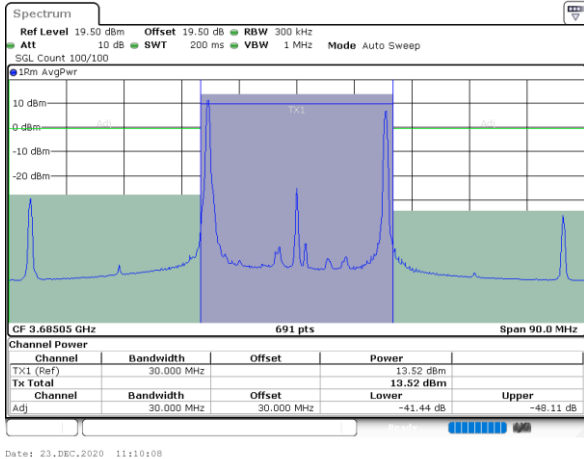


LTE Band 48C / 20MHz+10MHz

QPSK

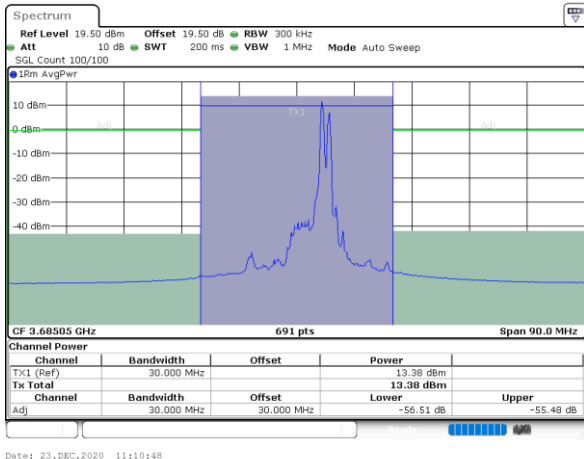
Highest ACLR / 1RB0 and 1RB49

N/A



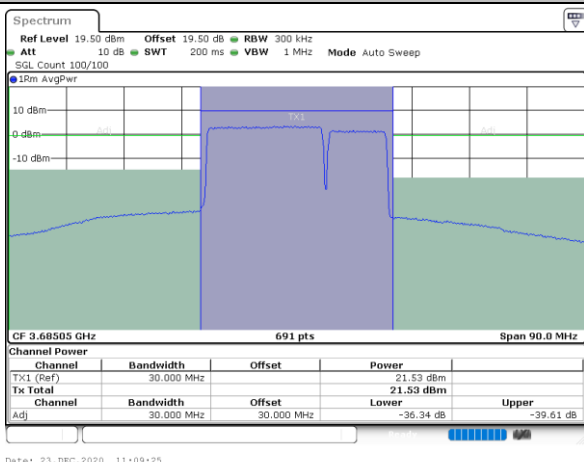
Highest ACLR / 1RB99 and 1RB0

N/A



Highest ACLR / Full RB

N/A

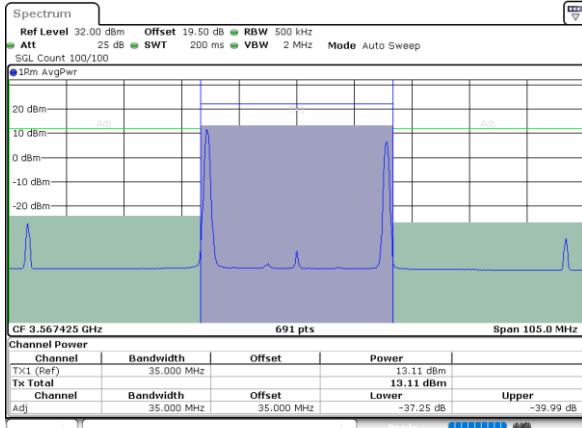




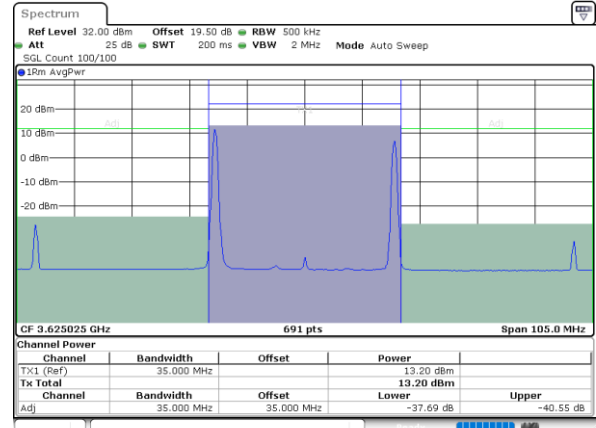
## LTE Band 48C / 20MHz+15MHz

## QPSK

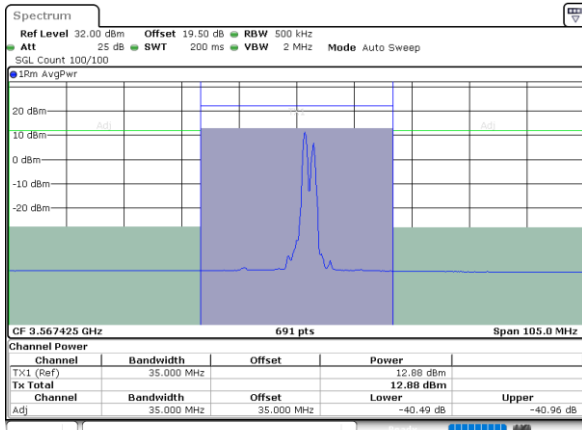
## Lowest ACLR / 1RB0 and 1RB74



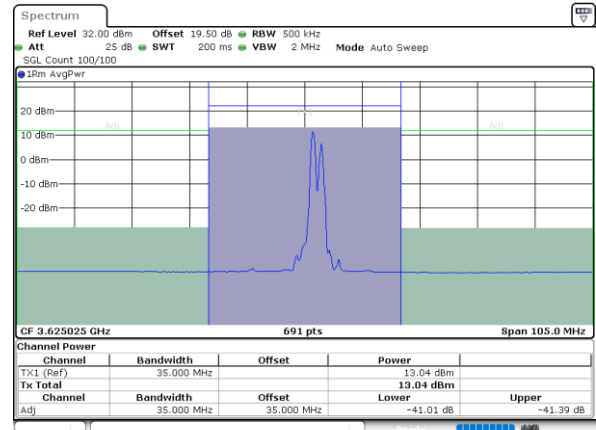
## Middle ACLR / 1RB0 and 1RB74



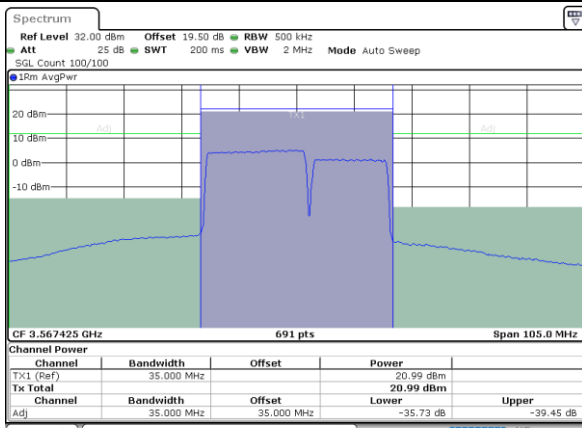
## Lowest ACLR / 1RB99 and 1RB0



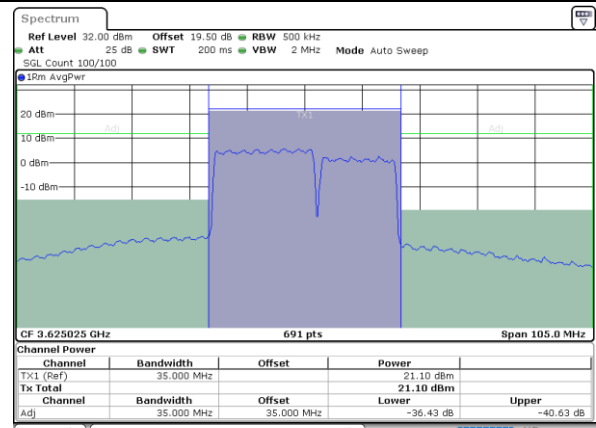
## Middle ACLR / 1RB99 and 1RB0



## Lowest ACLR / Full RB



## Middle ACLR / Full RB



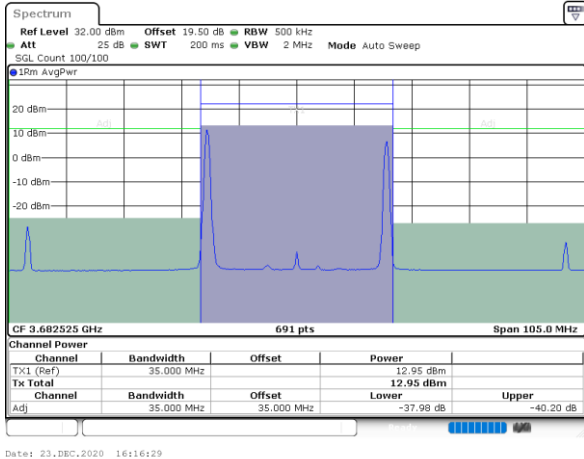


LTE Band 48C / 20MHz+15MHz

QPSK

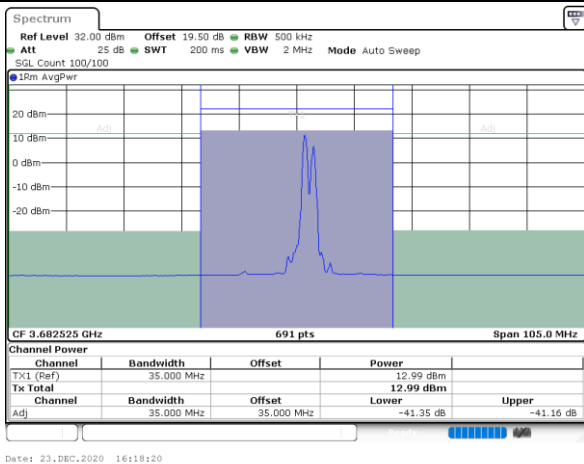
Highest ACLR / 1RB0 and 1RB74

N/A



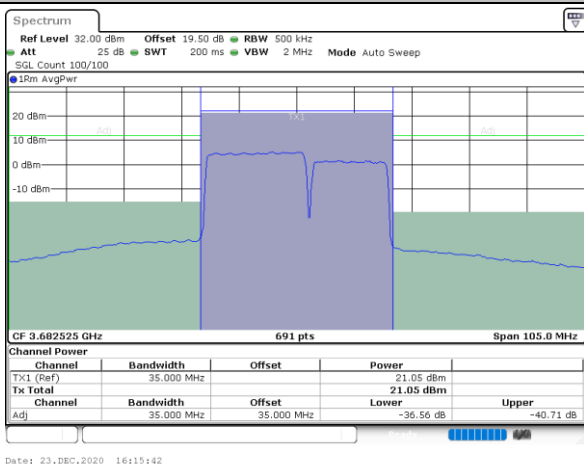
Highest ACLR / 1RB99 and 1RB0

N/A



Highest ACLR / Full RB

N/A

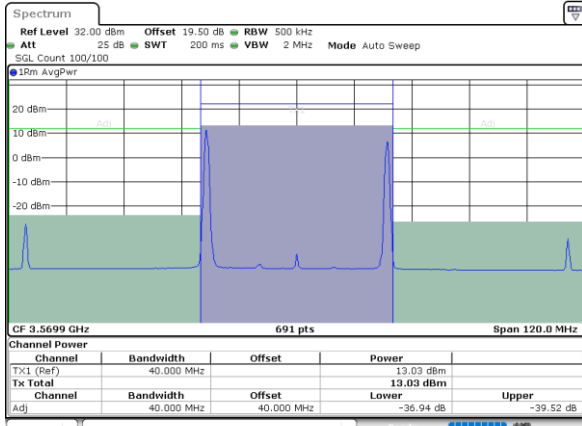




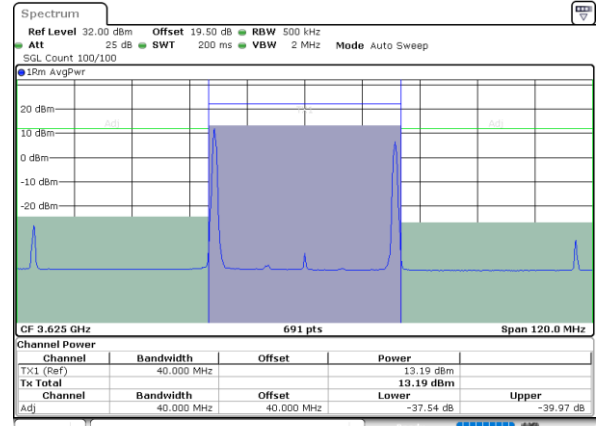
## LTE Band 48C / 20MHz+20MHz

## QPSK

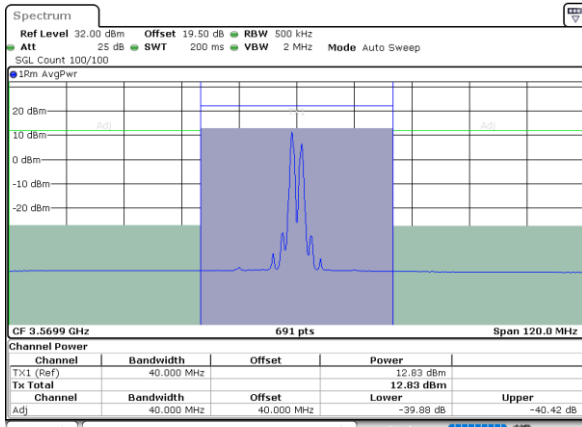
## Lowest ACLR / 1RB0 and 1RB99



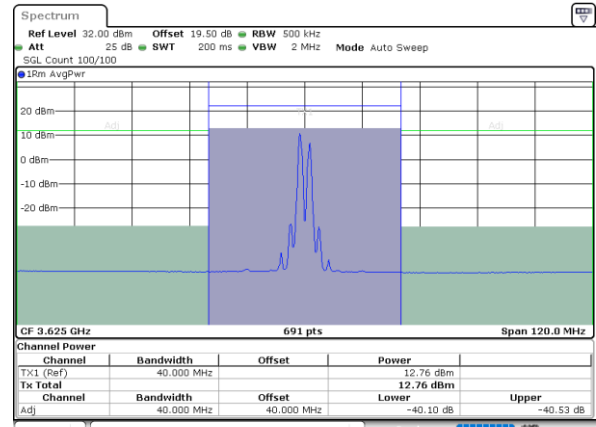
## Middle ACLR / 1RB0 and 1RB99



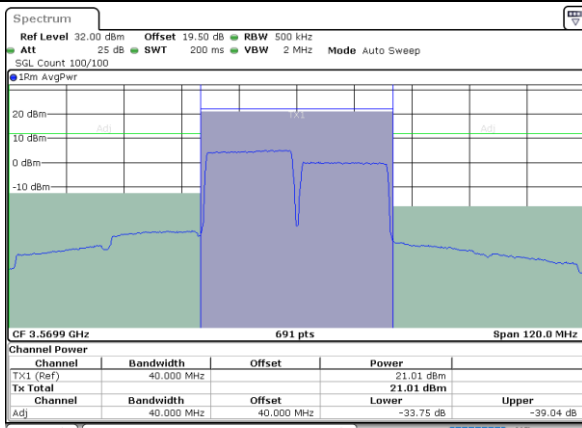
## Lowest ACLR / 1RB99 and 1RB0



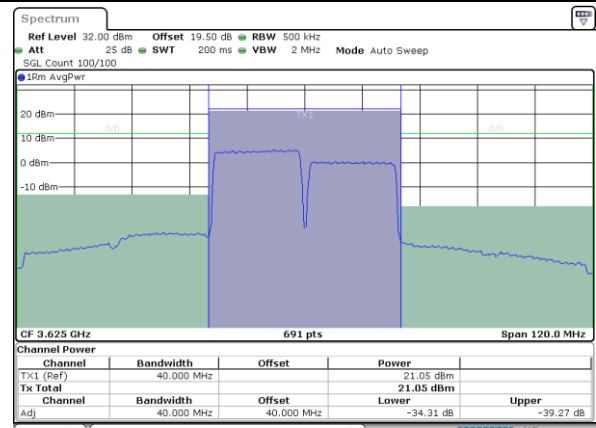
## Middle ACLR / 1RB99 and 1RB0



## Lowest ACLR / Full RB



## Middle ACLR / Full RB



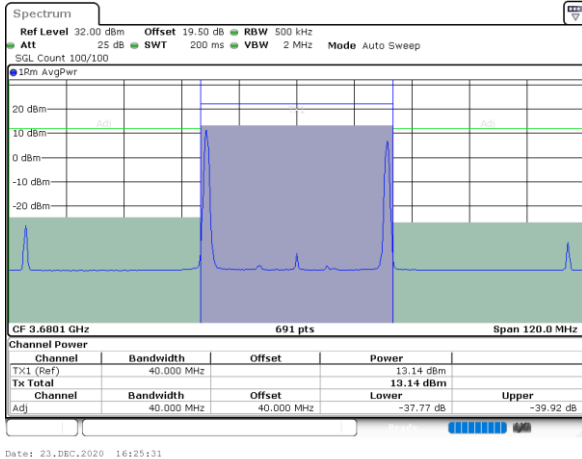


LTE Band 48C / 20MHz+20MHz

QPSK

Highest ACLR / 1RB0 and 1RB99

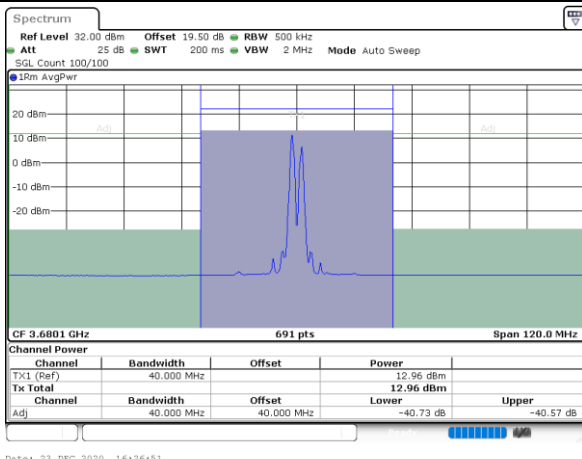
N/A



Date: 23, DEC, 2020 16:25:31

Highest ACLR / 1RB99 and 1RB0

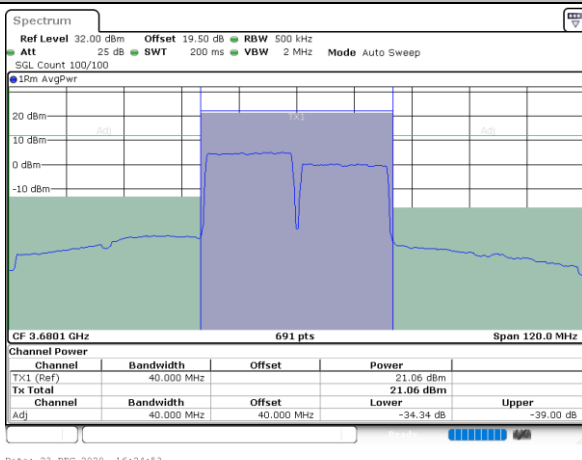
N/A



Date: 23, DEC, 2020 16:26:51

Highest ACLR / Full RB

N/A



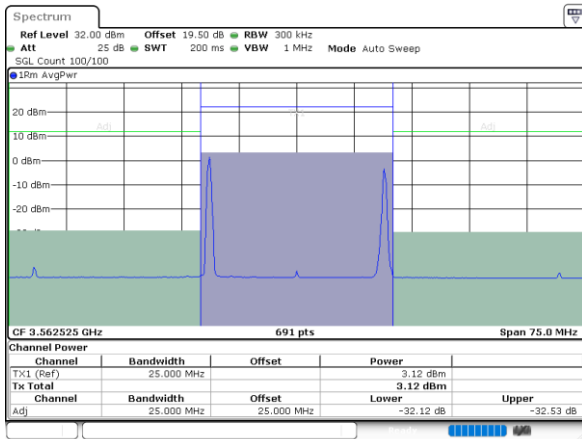
Date: 23, DEC, 2020 16:24:53



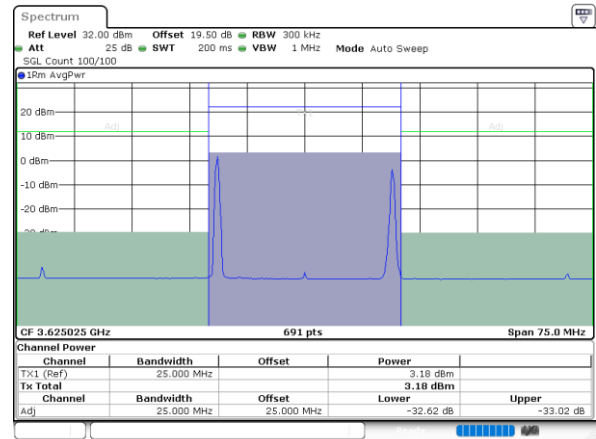
## LTE Band 48C / 5MHz+20MHz

## 16QAM

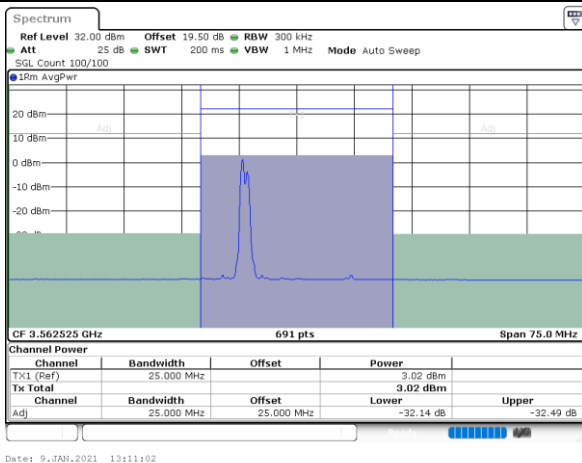
## Lowest ACLR / 1RB0 and 1RB99



## Middle ACLR / 1RB0 and 1RB99



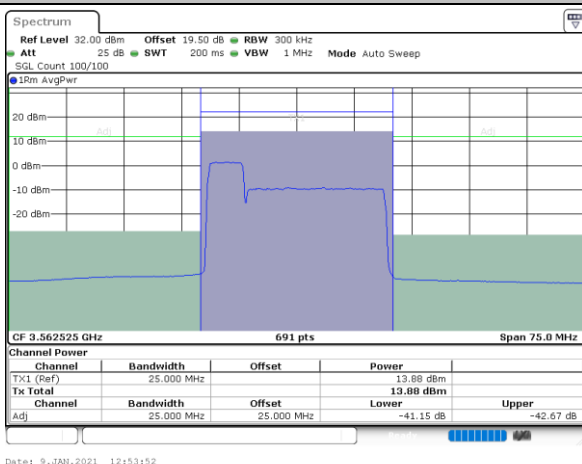
## Lowest ACLR / 1RB24 and 1RB0



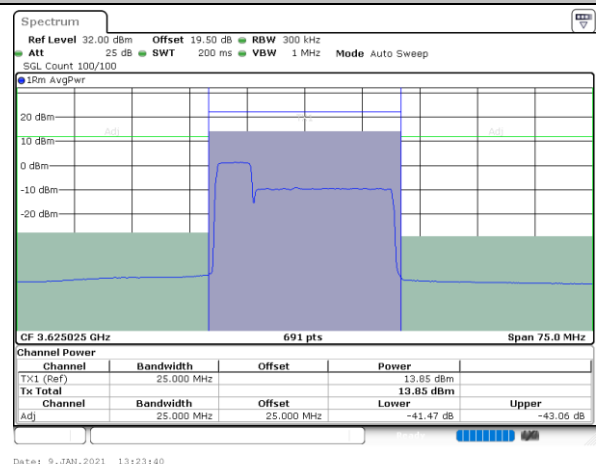
## Middle ACLR / 1RB24 and 1RB0



## Lowest ACLR / Full RB



## Middle ACLR / Full RB



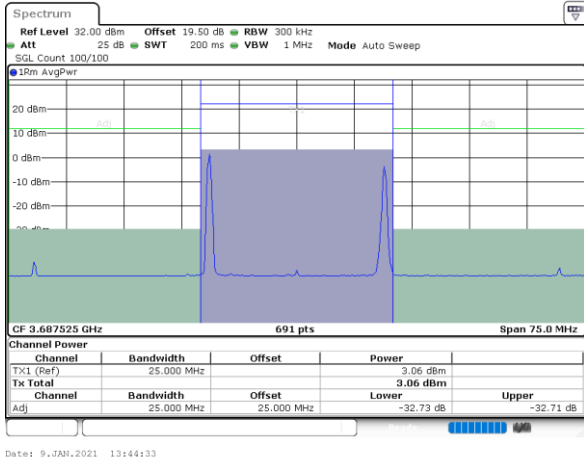


LTE Band 48C / 5MHz+20MHz

16QAM

Highest ACLR / 1RB0 and 1RB99

N/A



Highest ACLR / 1RB24 and 1RB0

N/A



Highest ACLR / Full RB

N/A



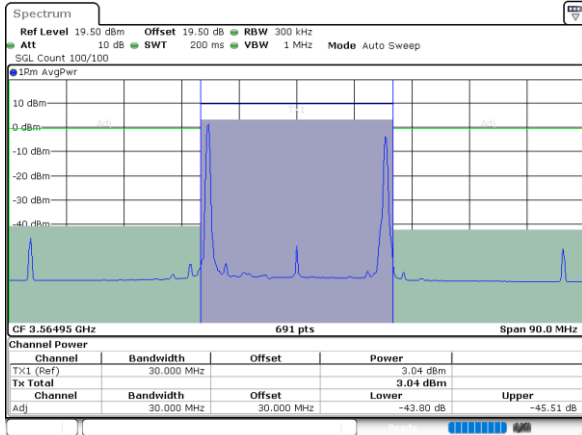




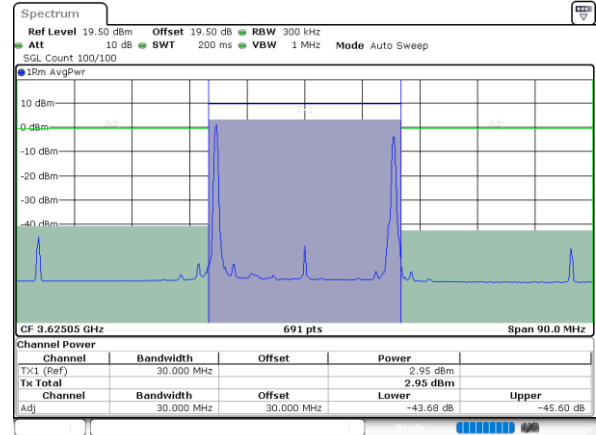
## LTE Band 48C / 10MHz+20MHz

## 16QAM

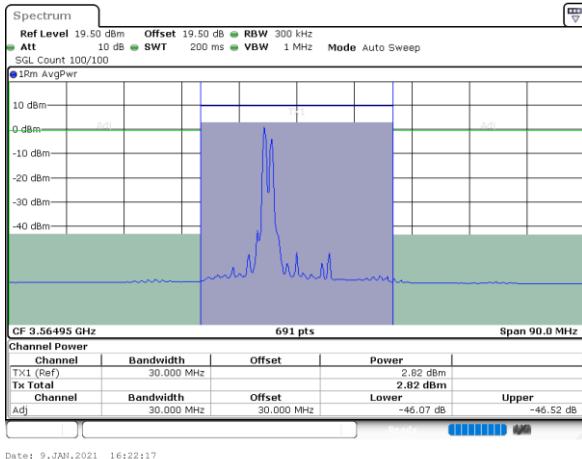
## Lowest ACLR / 1RB0 and 1RB99



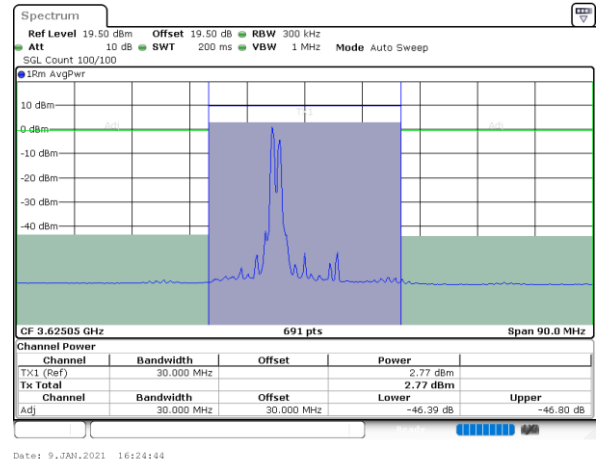
## Middle ACLR / 1RB0 and 1RB99



## Lowest ACLR / 1RB49 and 1RB0



## Middle ACLR / 1RB49 and 1RB0



## Lowest ACLR / Full RB



## Middle ACLR / Full RB



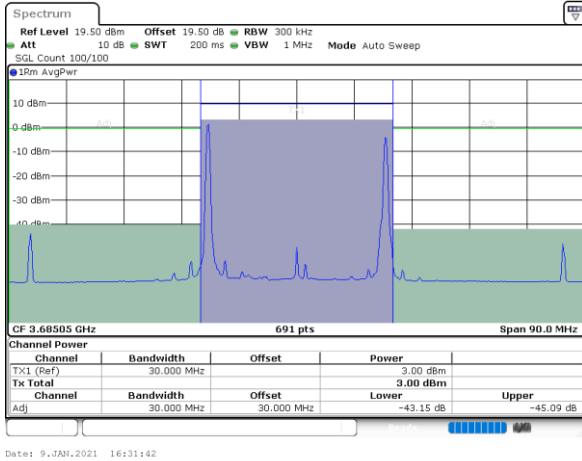


LTE Band 48C / 10MHz+20MHz

16QAM

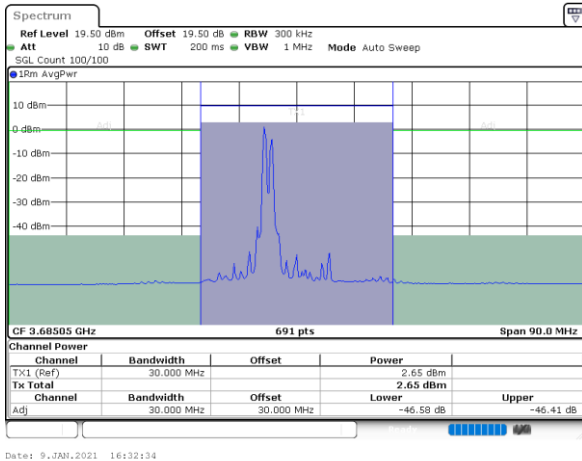
Highest ACLR / 1RB0 and 1RB99

N/A



Highest ACLR / 1RB49 and 1RB0

N/A



Highest ACLR / Full RB

N/A

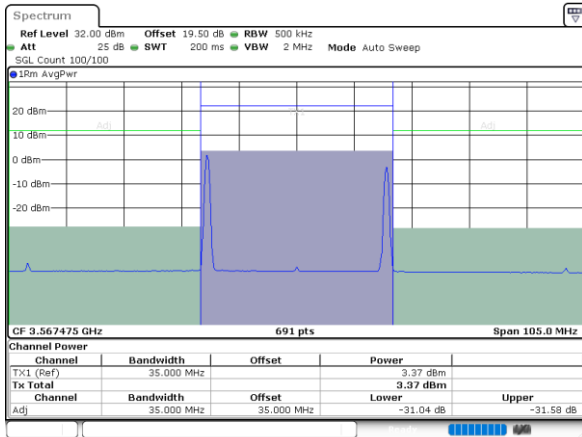




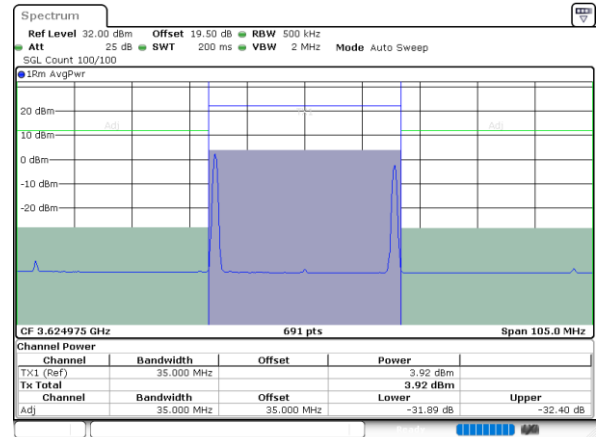
## LTE Band 48C / 15MHz+20MHz

## 16QAM

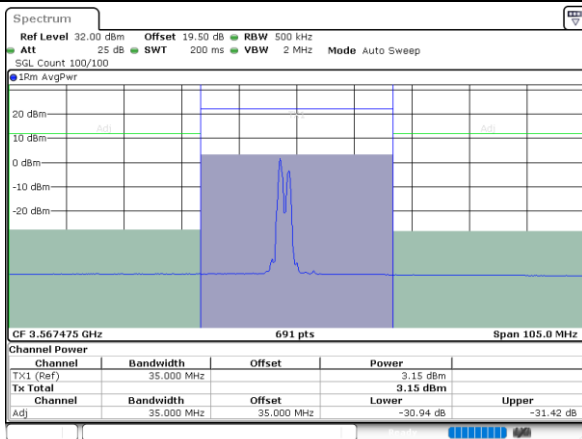
## Lowest ACLR / 1RB0 and 1RB99



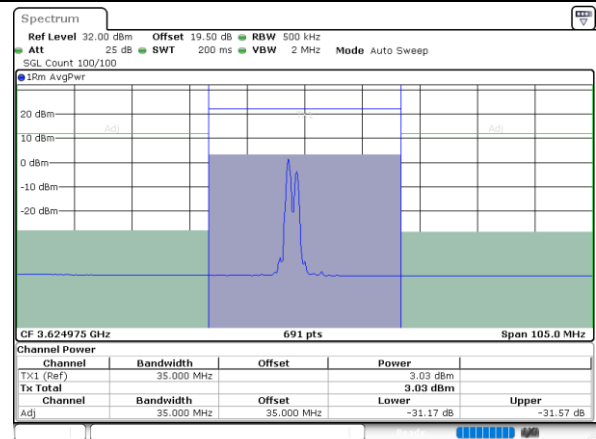
## Middle ACLR / 1RB0 and 1RB99



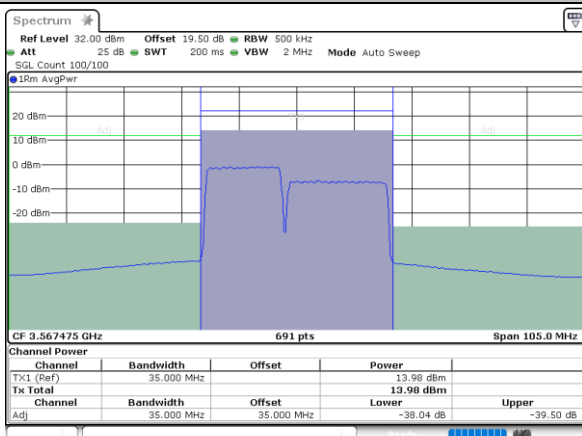
## Lowest ACLR / 1RB74 and 1RB0



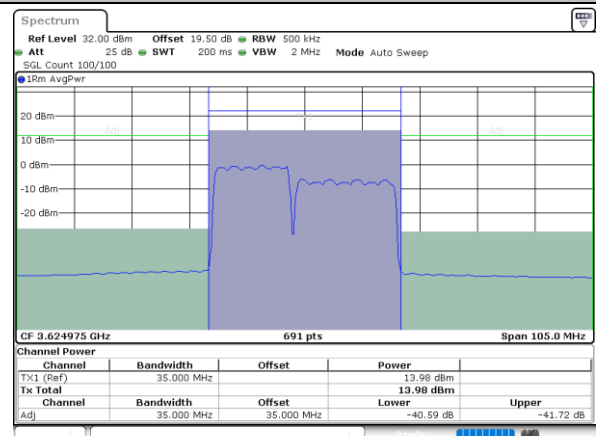
## Middle ACLR / 1RB74 and 1RB0



## Lowest ACLR / Full RB



## Middle ACLR / Full RB



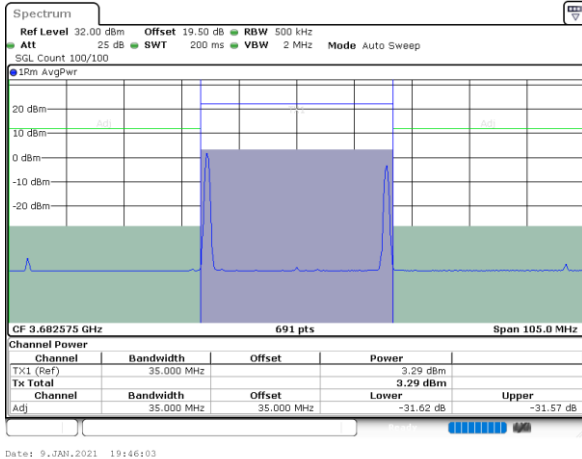


LTE Band 48C / 15MHz+20MHz

16QAM

Highest ACLR / 1RB0 and 1RB99

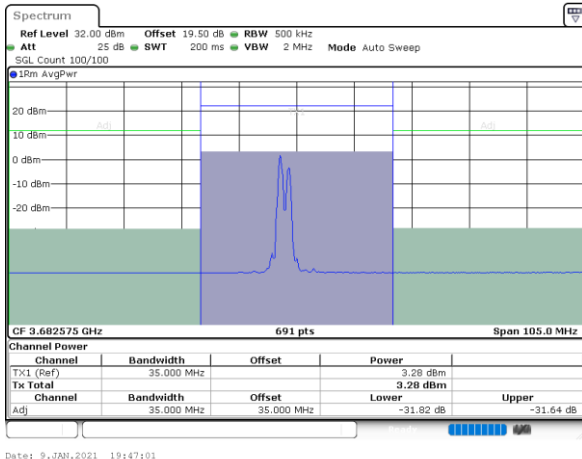
N/A



Date: 9, JAN, 2021 19:46:03

Highest ACLR / 1RB74 and 1RB0

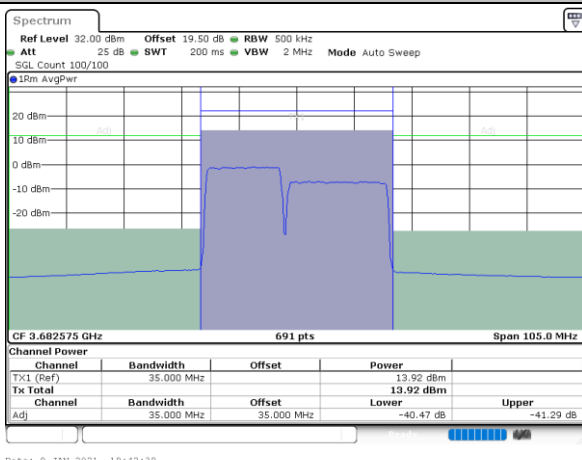
N/A



Date: 9, JAN, 2021 19:47:01

Highest ACLR / Full RB

N/A



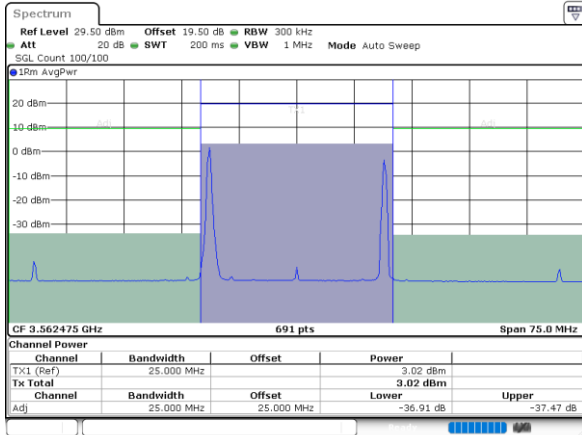
Date: 9, JAN, 2021 19:42:39



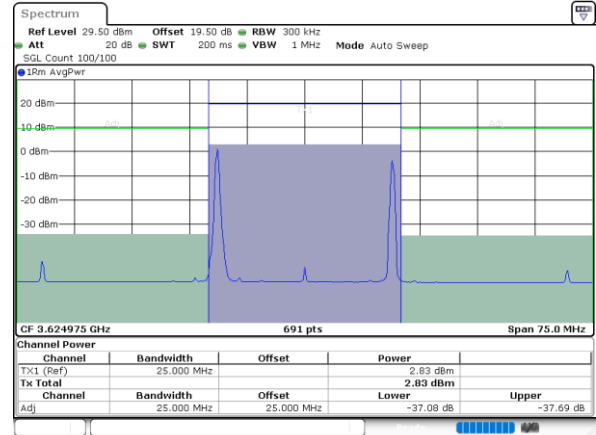
## LTE Band 48C/ 20MHz+5MHz

## 16QAM

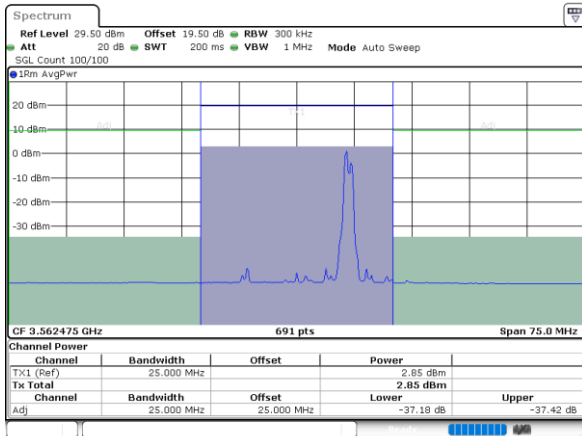
## Lowest ACLR / 1RB0 and 1RB24



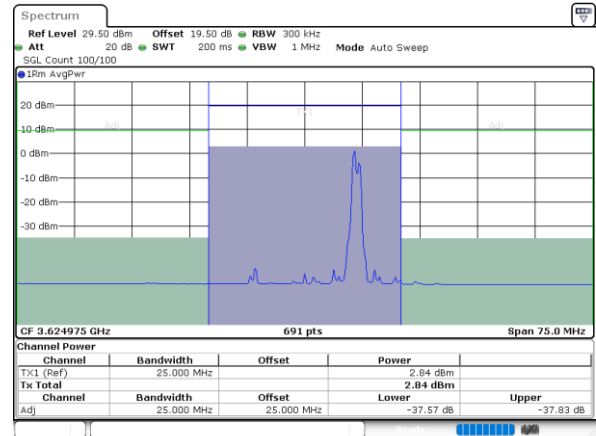
## Middle ACLR / 1RB0 and 1RB24



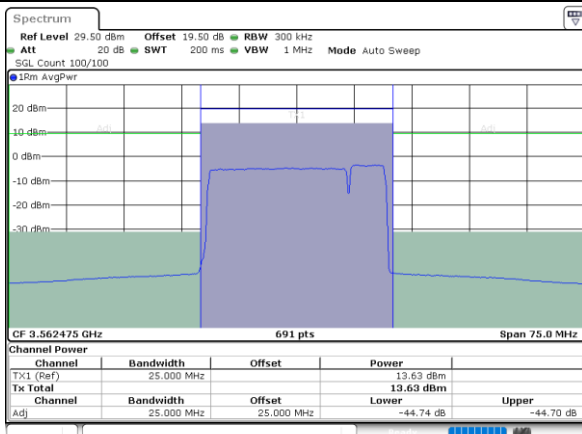
## Lowest ACLR / 1RB99 and 1RB0



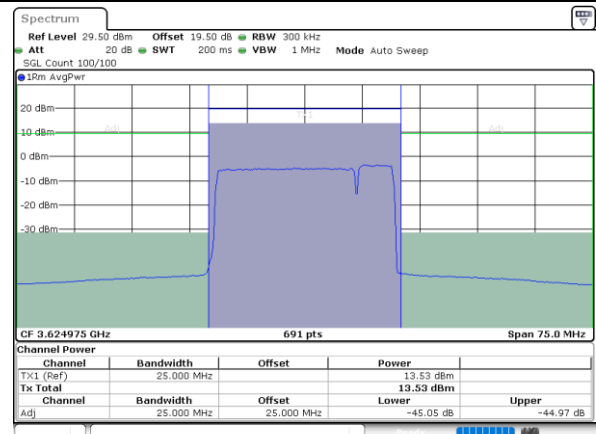
## Middle ACLR / 1RB99 and 1RB0



## Lowest ACLR / Full RB



## Middle ACLR / Full RB



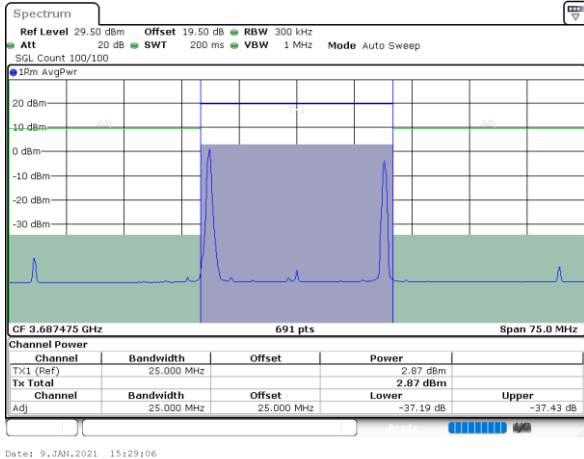


LTE Band 48C / 20MHz+5MHz

16QAM

Highest ACLR / 1RB0 and 1RB24

N/A



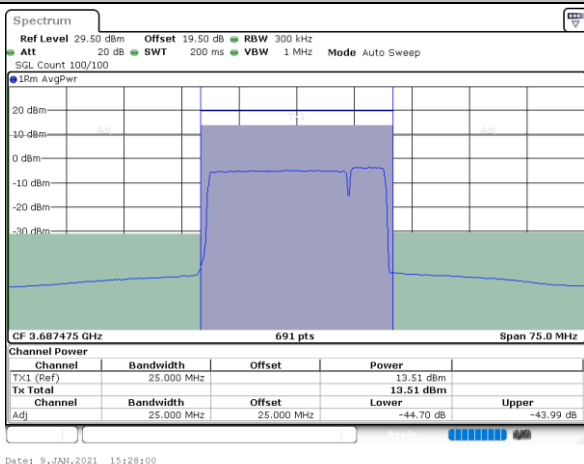
Highest ACLR / 1RB99 and 1RB0

N/A



Highest ACLR / Full RB

N/A

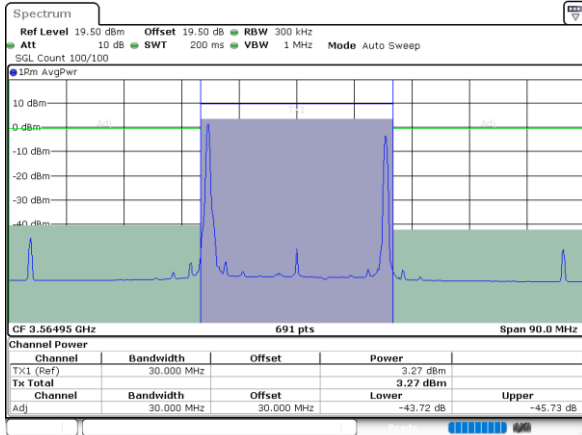




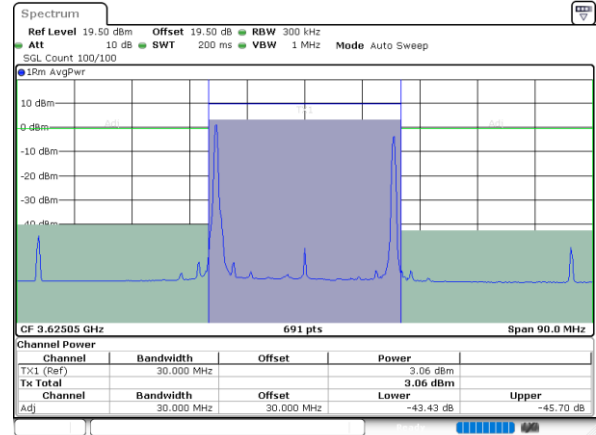
## LTE Band 48C / 20MHz+10MHz

## 16QAM

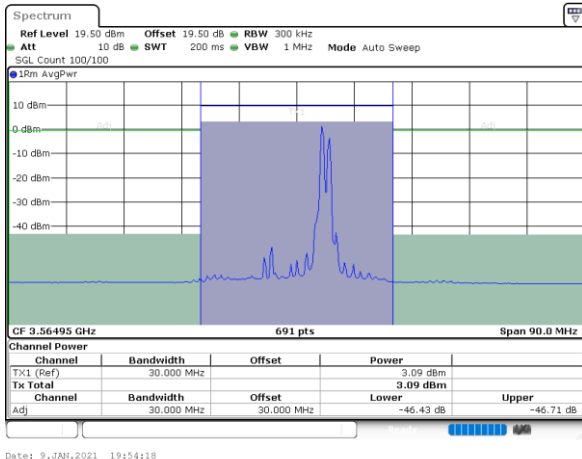
## Lowest ACLR / 1RB0 and 1RB49



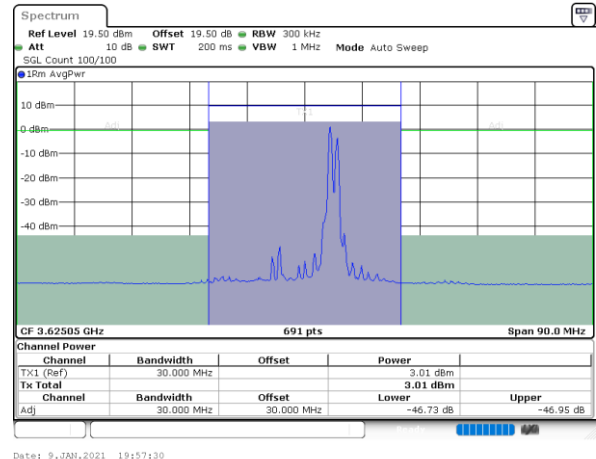
## Middle ACLR / 1RB0 and 1RB49



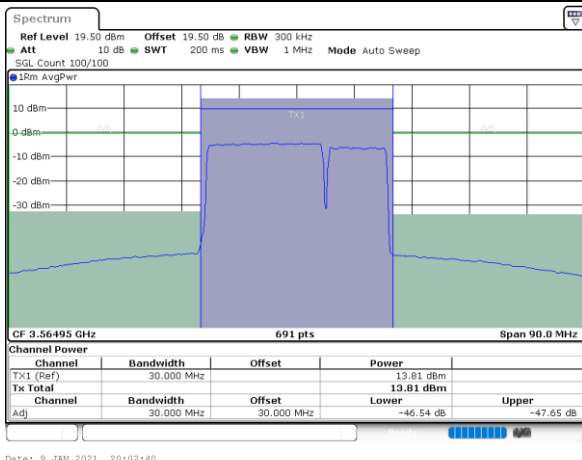
## Lowest ACLR / 1RB99 and 1RB0



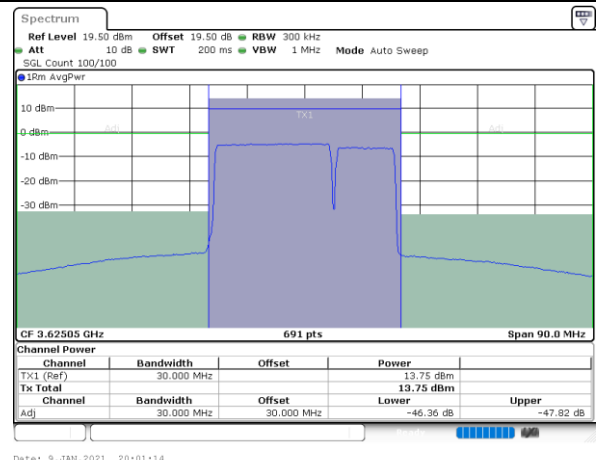
## Middle ACLR / 1RB99 and 1RB0



## Lowest ACLR / Full RB



## Middle ACLR / Full RB



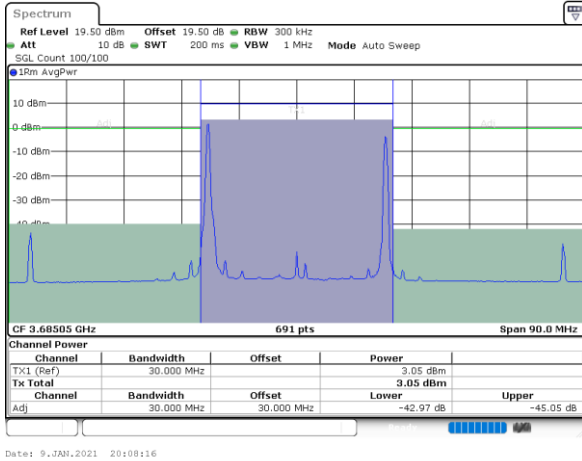


LTE Band 48C / 20MHz+10MHz

16QAM

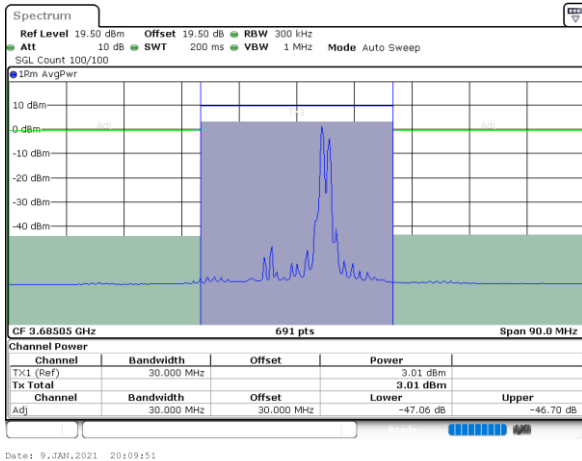
Highest ACLR / 1RB0 and 1RB49

N/A



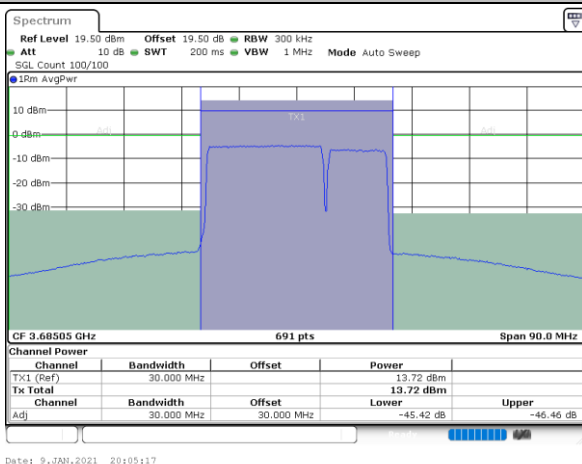
Highest ACLR / 1RB99 and 1RB0

N/A



Highest ACLR / Full RB

N/A



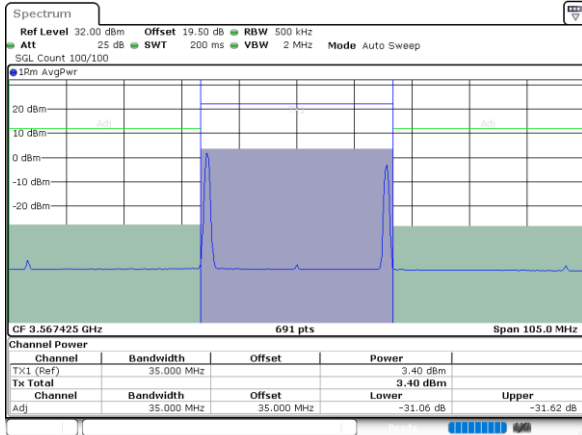




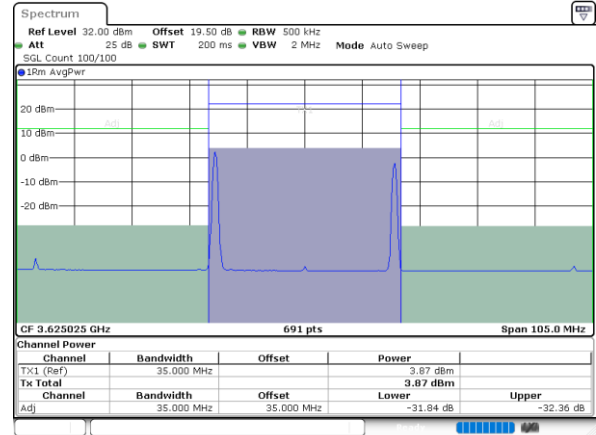
## LTE Band 48C / 20MHz+15MHz

## 16QAM

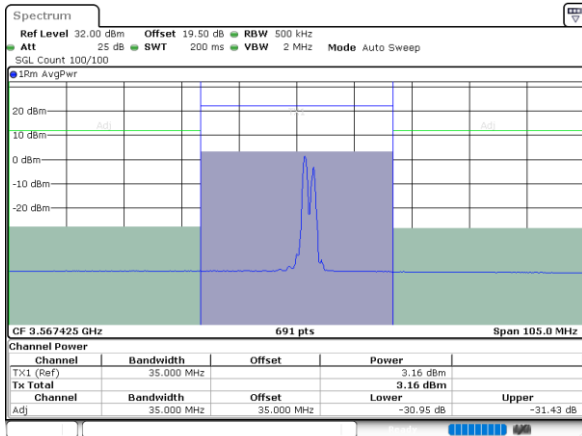
## Lowest ACLR / 1RB0 and 1RB74



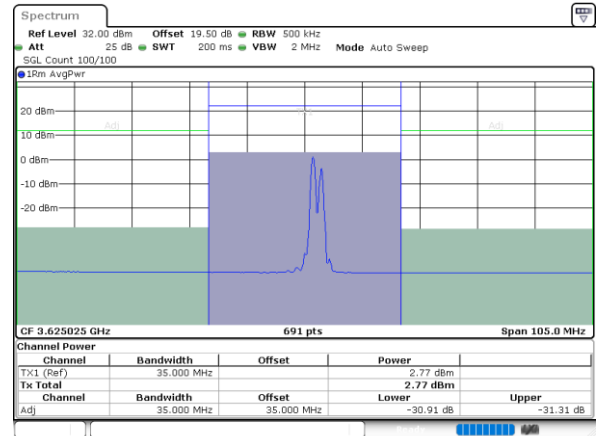
## Middle ACLR / 1RB0 and 1RB74



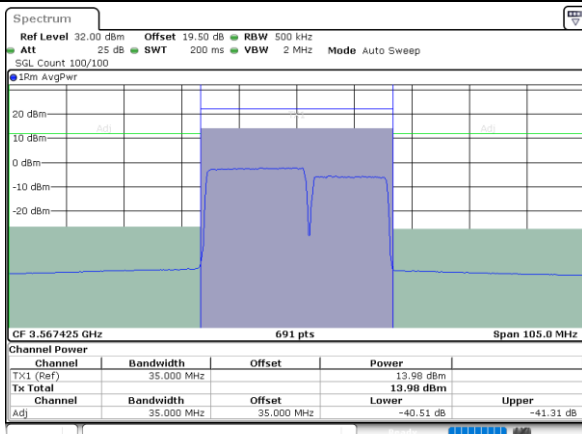
## Lowest ACLR / 1RB99 and 1RB0



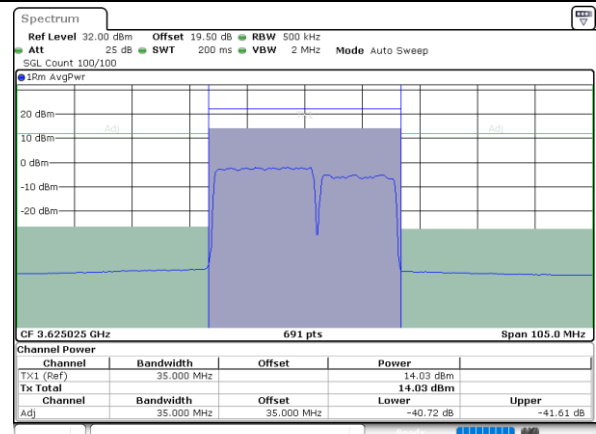
## Middle ACLR / 1RB99 and 1RB0



## Lowest ACLR / Full RB



## Middle ACLR / Full RB



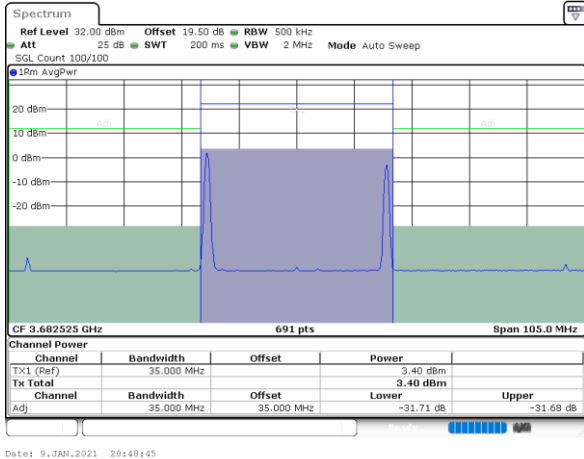


LTE Band 48C / 20MHz+15MHz

16QAM

Highest ACLR / 1RB0 and 1RB74

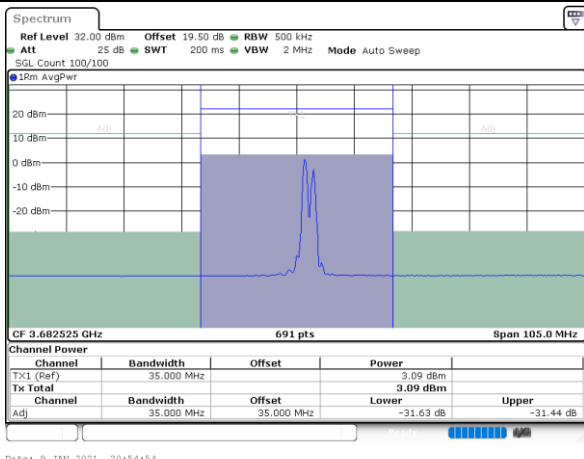
N/A



Date: 9, JAN, 2021 20:48:45

Highest ACLR / 1RB99 and 1RB0

N/A



Date: 9, JAN, 2021 20:54:54

Highest ACLR / Full RB

N/A



Date: 9, JAN, 2021 20:47:27