

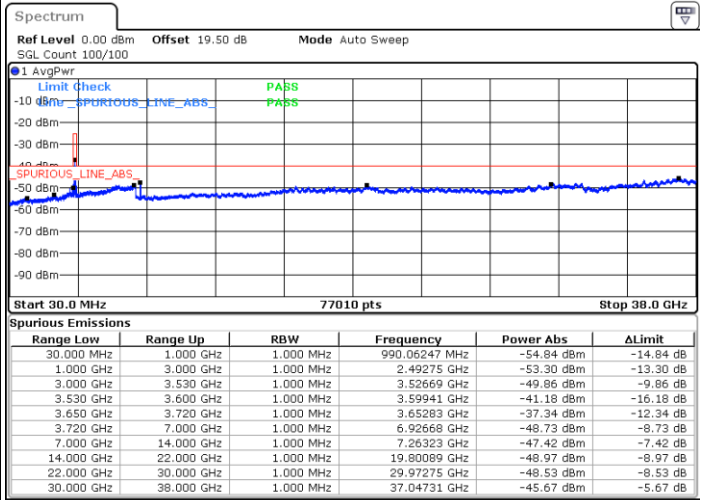
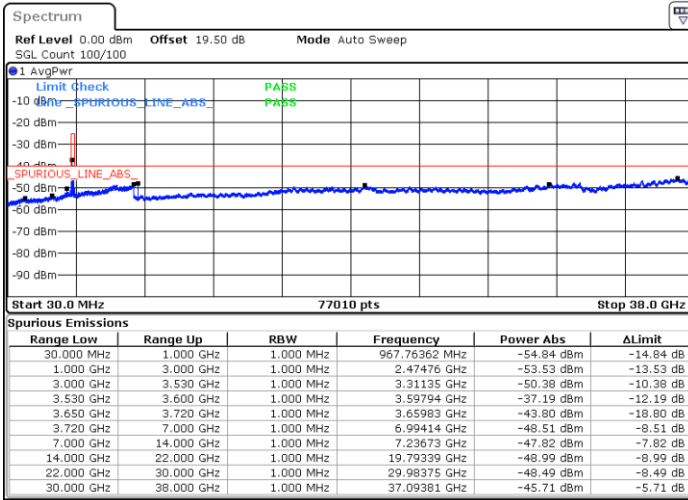


LTE Band 48 / 15MHz

64QAM

Middle Channel / 1RB0

Middle Channel / 1RBmax

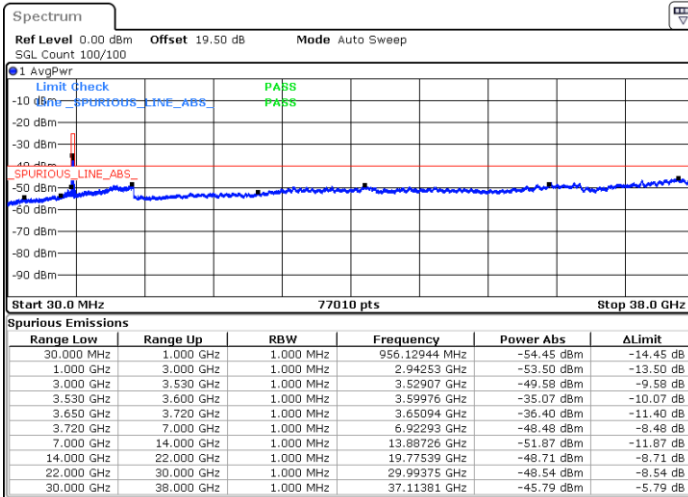


Date: 20.DEC.2021 06:38:23

Date: 20.DEC.2021 07:01:51

Middle Channel / Full RB

N/A



Date: 20.DEC.2021 06:50:07

Blank

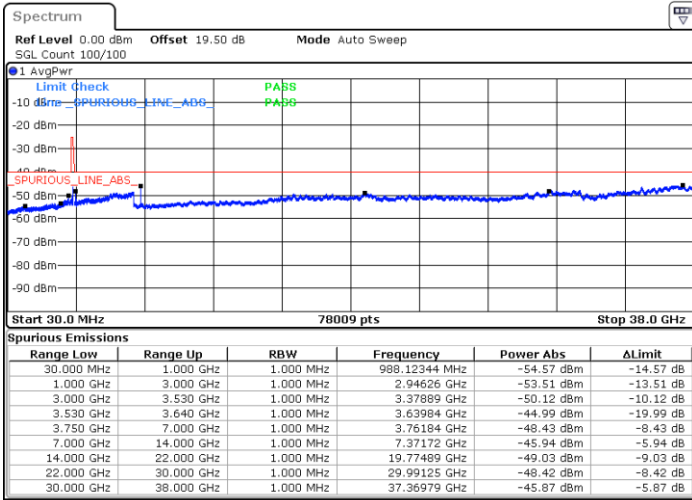


LTE Band 48 / 15MHz

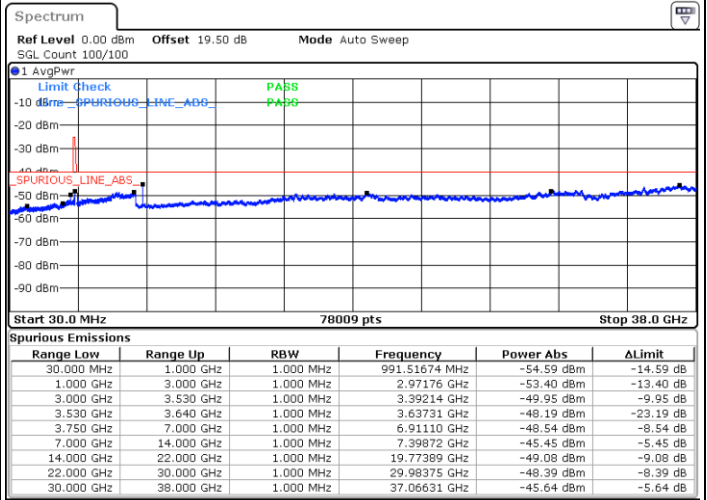
64QAM

Highest Channel / 1RB0

Highest Channel / 1RBmax



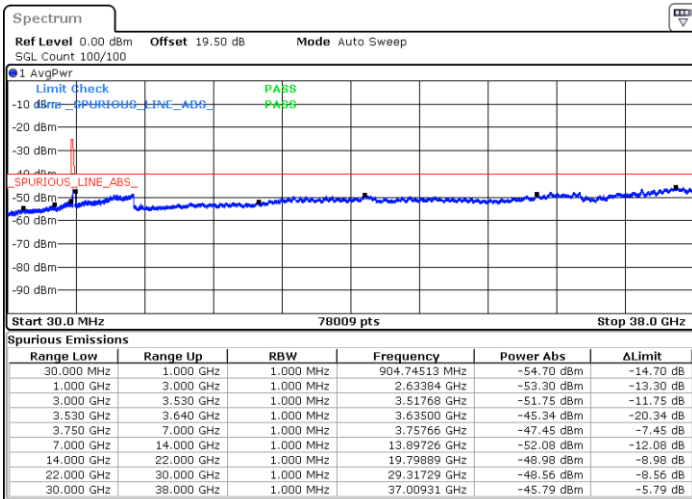
Date: 20. DEC. 2021 06:44:54



Date: 20. DEC. 2021 07:08:22

Highest Channel / Full RB

N/A



Date: 20. DEC. 2021 06:56:38

Blank

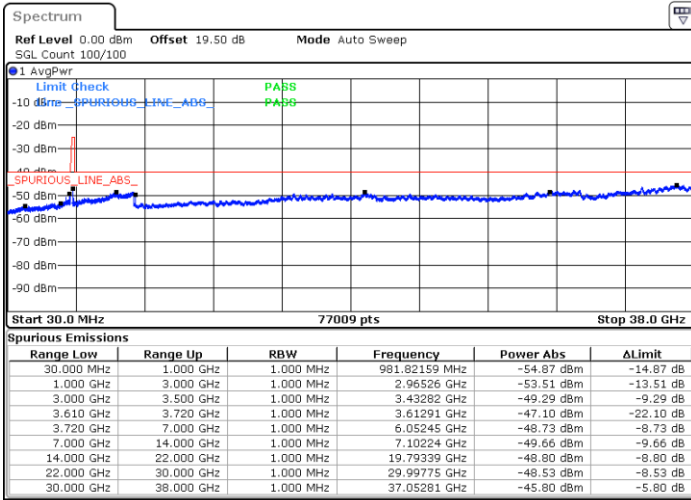


LTE Band 48 / 20MHz

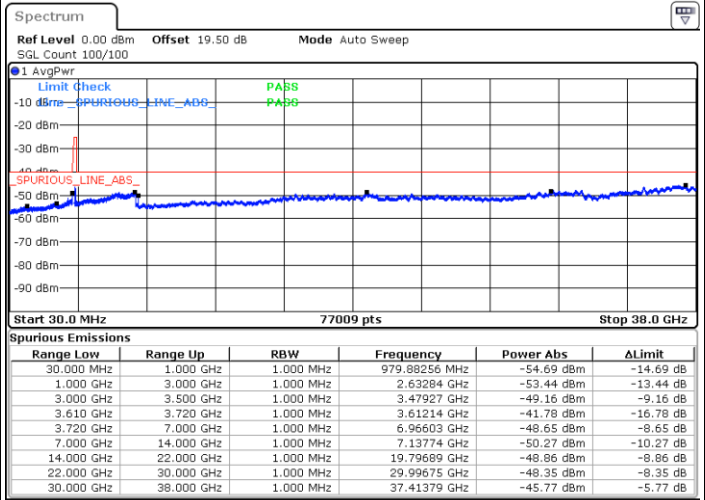
64QAM

Lowest Channel / 1RB0

Lowest Channel / 1RBmax



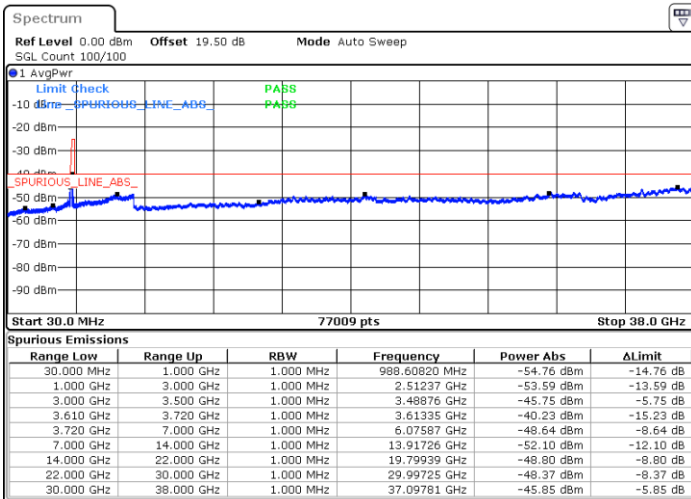
Date: 20. DEC. 2021 07:21:25



Date: 20. DEC. 2021 07:33:09

Lowest Channel / Full RB

N/A



Date: 20. DEC. 2021 07:09:41

Blank

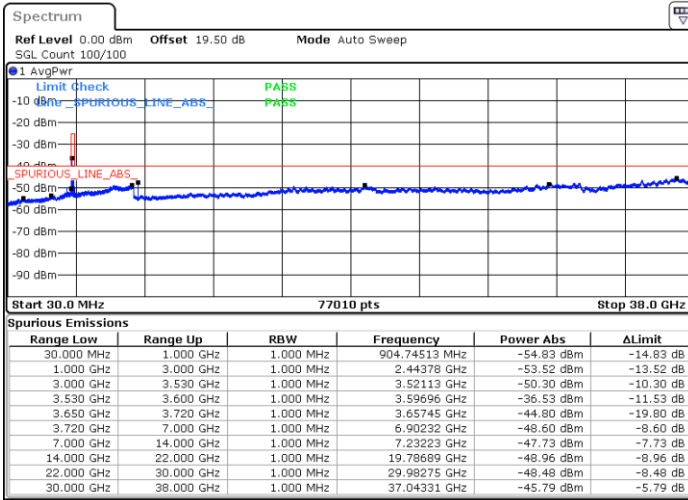


LTE Band 48 / 20MHz

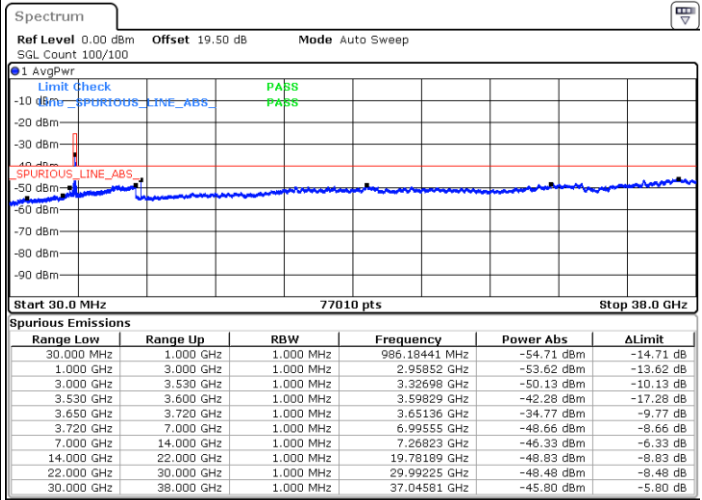
64QAM

Middle Channel / 1RB0

Middle Channel / 1RBmax



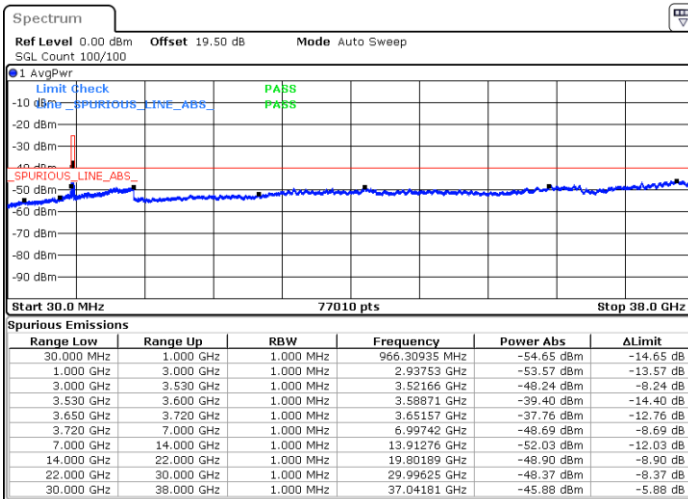
Date: 20.DEC.2021 07:27:56



Date: 20.DEC.2021 07:39:40

Middle Channel / Full RB

N/A



Date: 20.DEC.2021 07:16:12

Blank

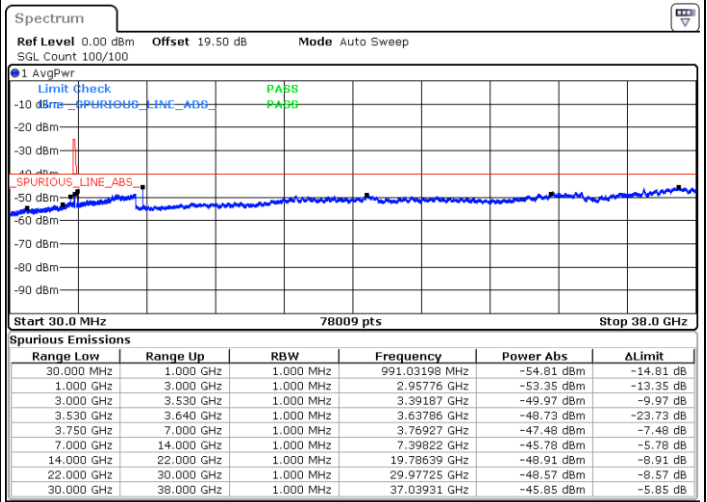
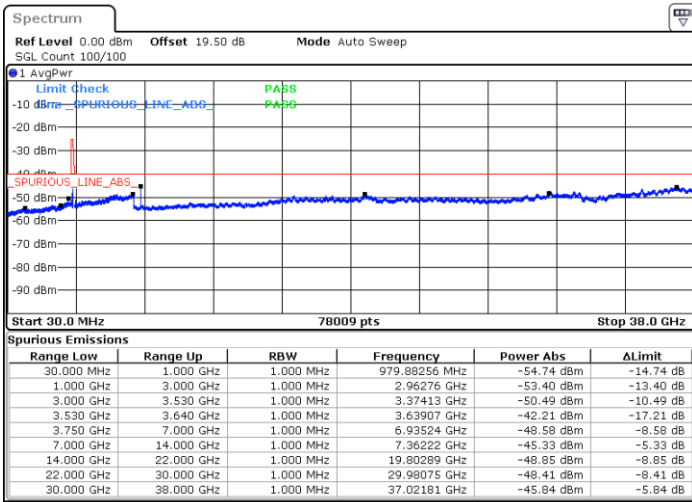


LTE Band 48 / 20MHz

64QAM

Highest Channel / 1RB0

Highest Channel / 1RBmax

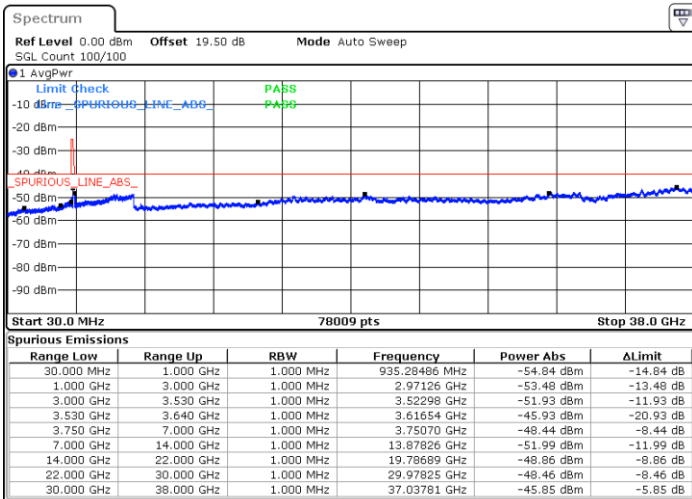


Date: 20.DEC.2021 07:29:14

Date: 20.DEC.2021 07:40:58

Highest Channel / Full RB

N/A



Date: 20.DEC.2021 07:17:30

Blank



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	0.0032	PASS
40	Normal Voltage	0.0001	
30	Normal Voltage	0.0035	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0003	
0	Normal Voltage	0.0002	
-10	Normal Voltage	0.0033	
-20	Normal Voltage	0.0028	
-30	Normal Voltage	0.0029	
20	Maximum Voltage	0.0035	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0029	

Note:

1. Normal Voltage =3.87 V. ; Battery End Point (BEP) =3.5 V. ; Maximum Voltage =4.45 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



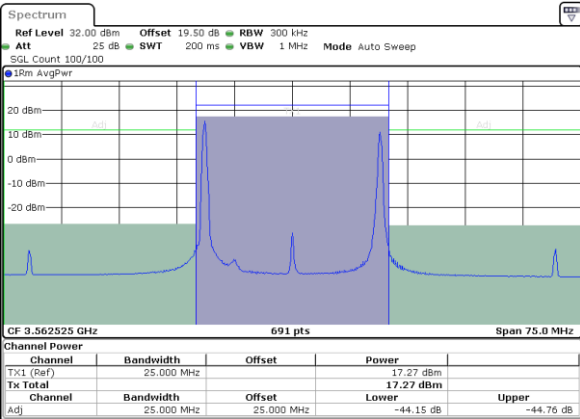
# LTE Band 48C

## ACLR

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

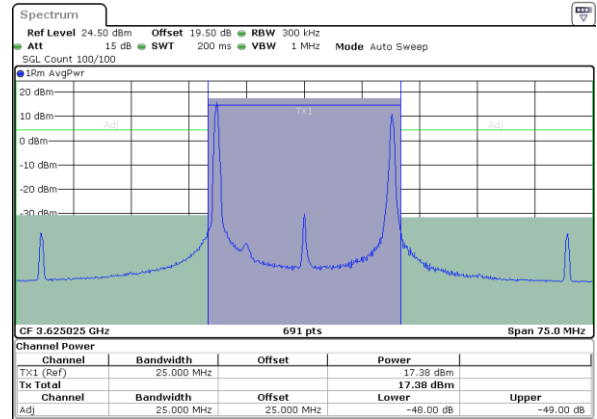
#### QPSK

##### Lowest ACLR / 1RB0 and 1RB99



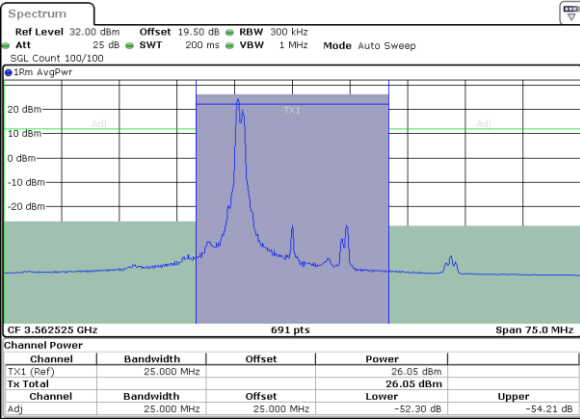
Date: 17, DEC, 2021 08:19:53

##### Middle ACLR / 1RB0 and 1RB99



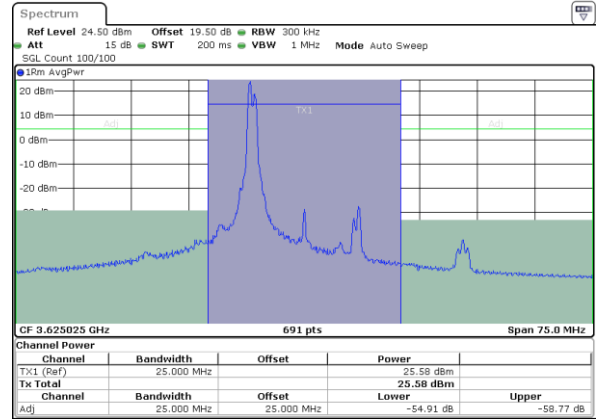
Date: 17, DEC, 2021 18:35:44

##### Lowest ACLR / 1RB24 and 1RB0

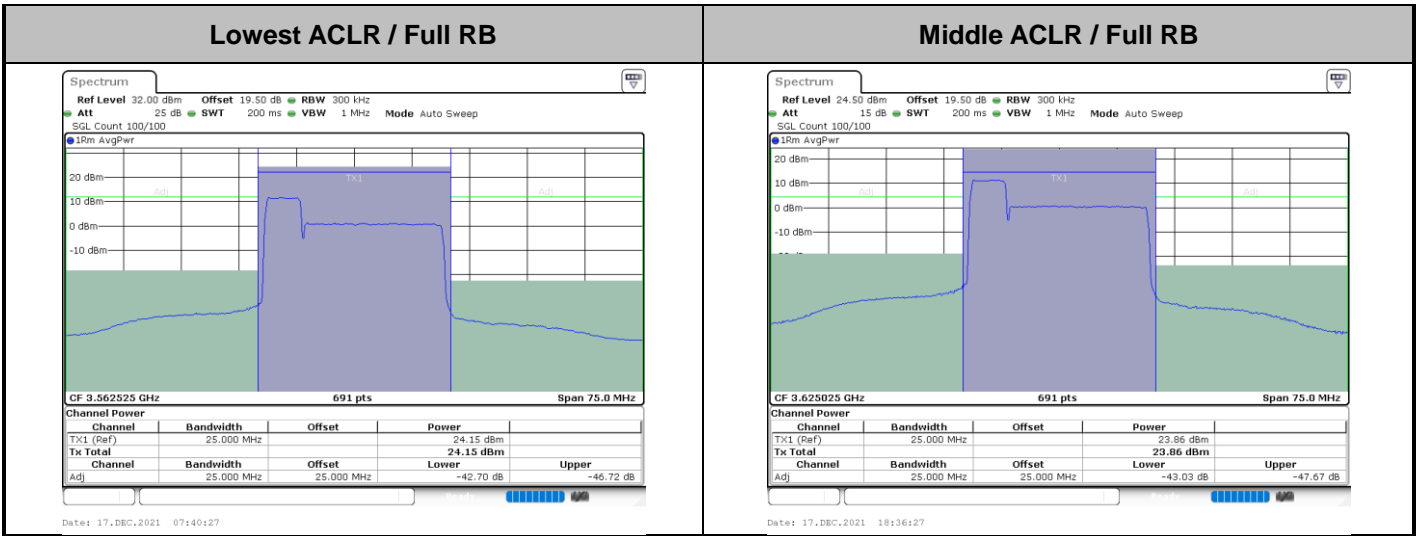


Date: 17, DEC, 2021 09:53:31

##### Middle ACLR / 1RB24 and 1RB0



Date: 17, DEC, 2021 18:04:28





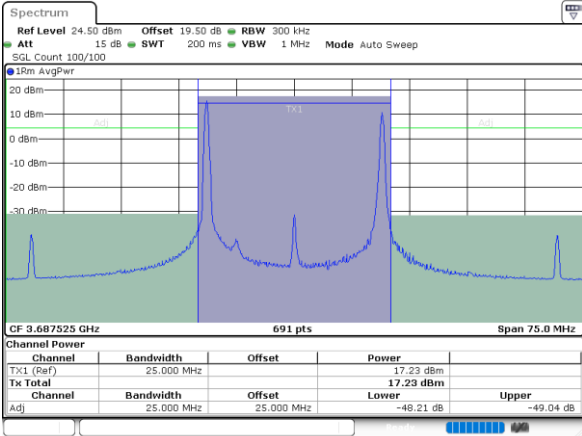


**LTE Band 48C / 5MHz+20MHz**

**QPSK**

**Highest ACLR / 1RB0 and 1RB9**

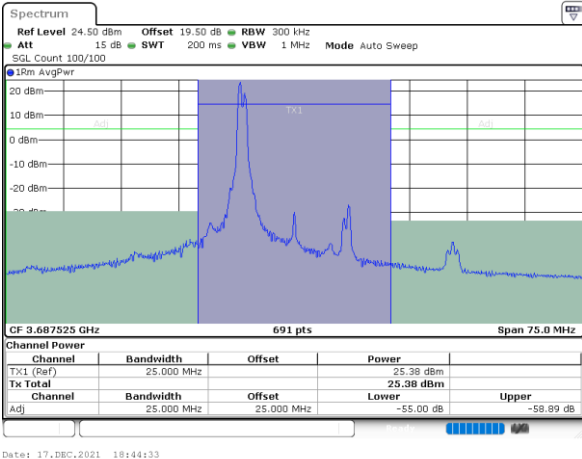
**N/A**



**Blank**

**Highest ACLR / 1RB24 and 1RB0**

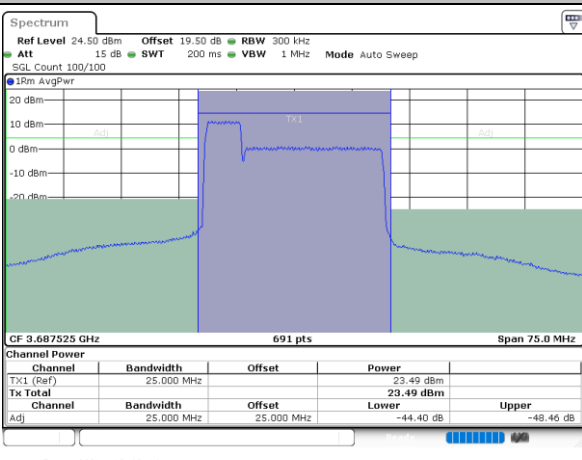
**N/A**



**Blank**

**Highest ACLR / Full RB**

**N/A**



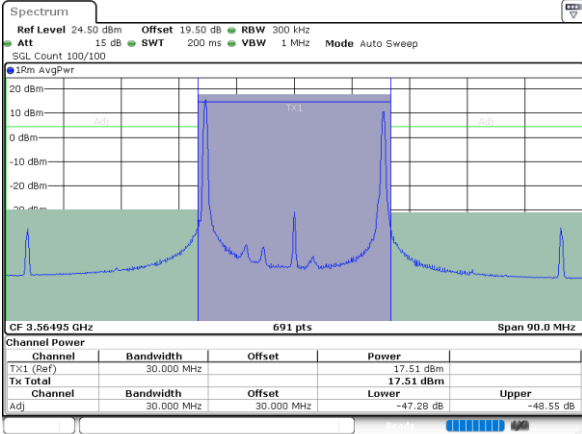
**Blank**



LTE Band 48C / 10MHz+20MHz

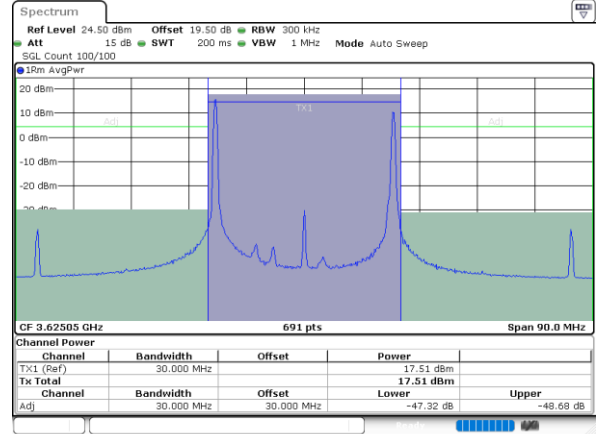
QPSK

Lowest ACLR / 1RB0 and 1RB99



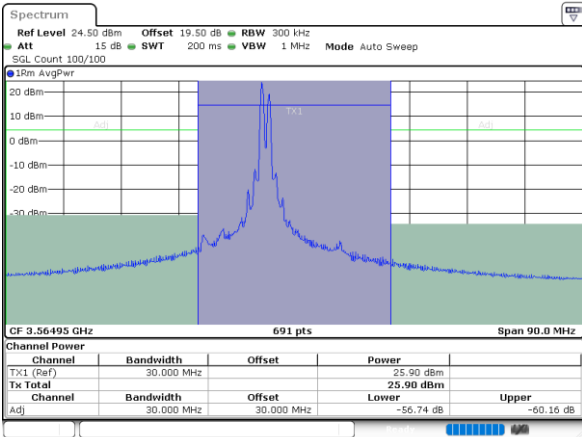
Date: 17\_DEC.2021 19:46:17

Middle ACLR / 1RB0 and 1RB99



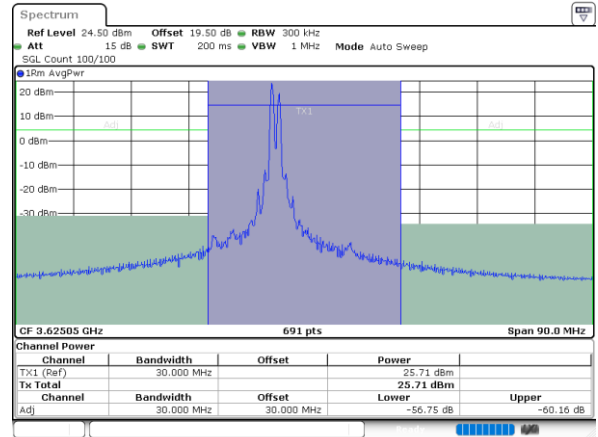
Date: 17\_DEC.2021 19:51:24

Lowest ACLR / 1RB49 and 1RB0



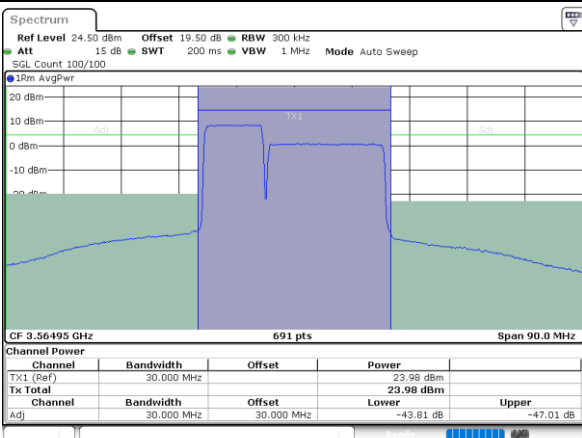
Date: 17\_DEC.2021 19:46:55

Middle ACLR / 1RB49 and 1RB0



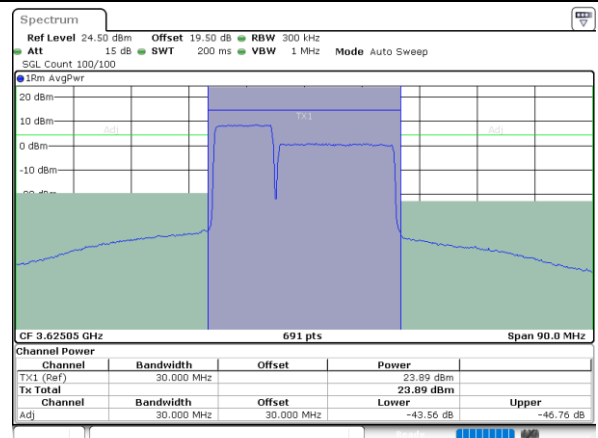
Date: 17\_DEC.2021 19:50:40

Lowest ACLR / Full RB



Date: 17\_DEC.2021 19:43:08

Middle ACLR / Full RB



Date: 17\_DEC.2021 19:50:00

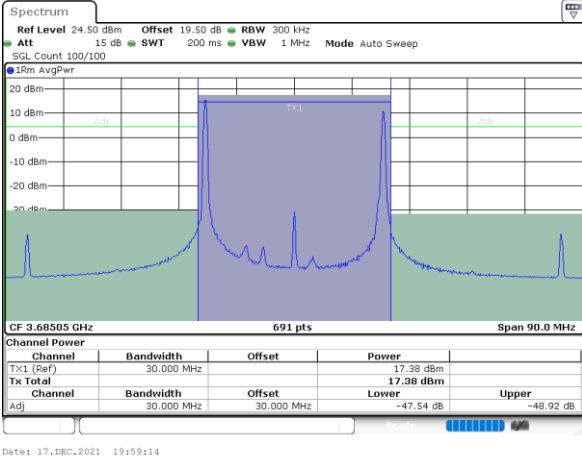


LTE Band 48C / 10MHz+20MHz

QPSK

Highest ACLR / 1RB0 and 1RB99

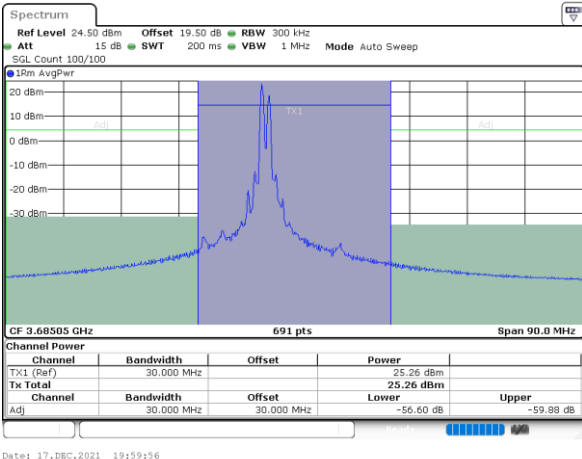
N/A



Blank

Highest ACLR / 1RB49 and 1RB0

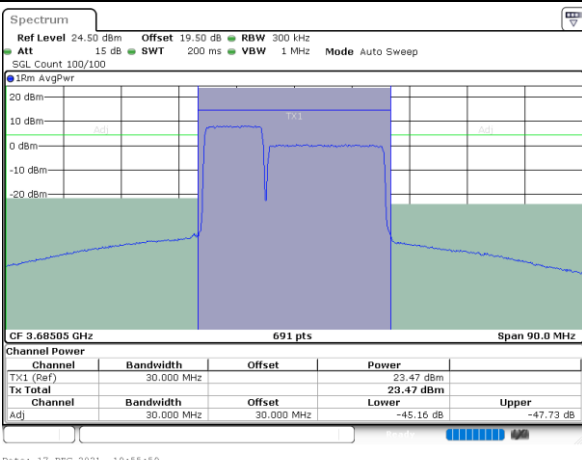
N/A



Blank

Highest ACLR / Full RB

N/A



Blank

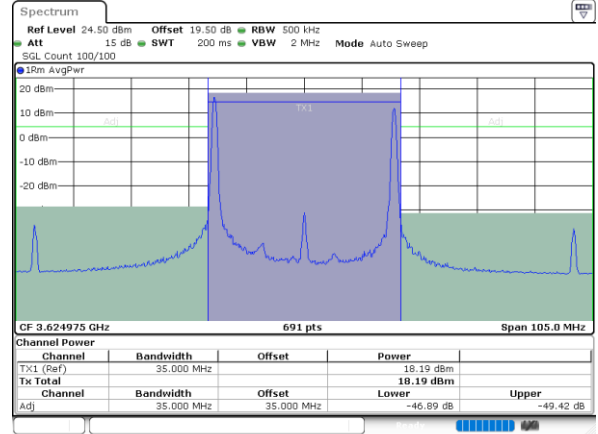
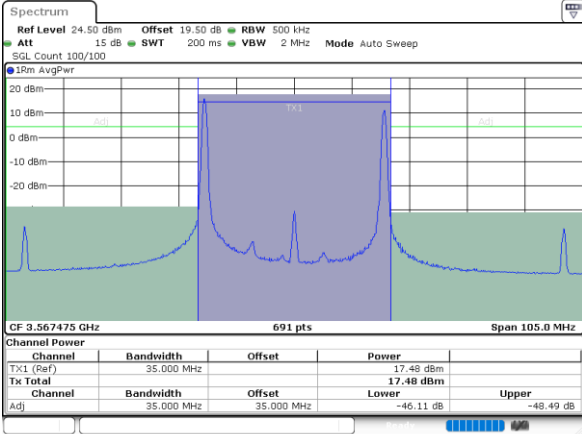


LTE Band 48C / 15MHz+20MHz

QPSK

Lowest ACLR / 1RB0 and 1RB99

Middle ACLR / 1RB0 and 1RB99

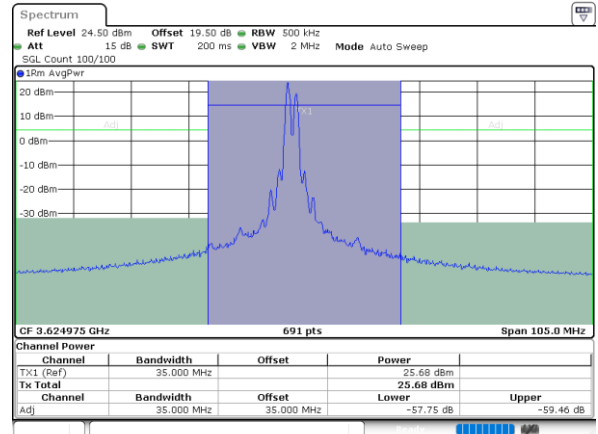
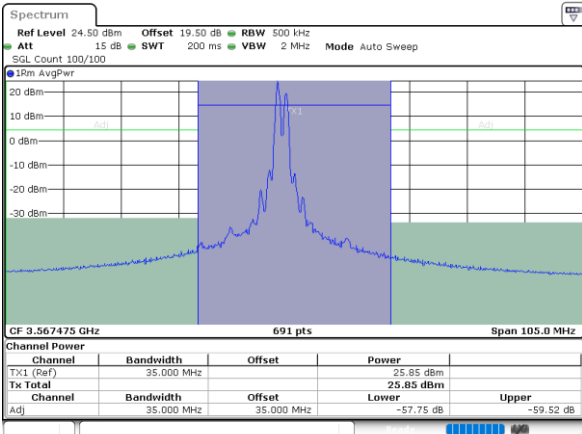


Date: 17\_DEC.2021 18:56:43

Date: 17\_DEC.2021 19:04:55

Lowest ACLR / 1RB74 and 1RB0

Middle ACLR / 1RB74 and 1RB0

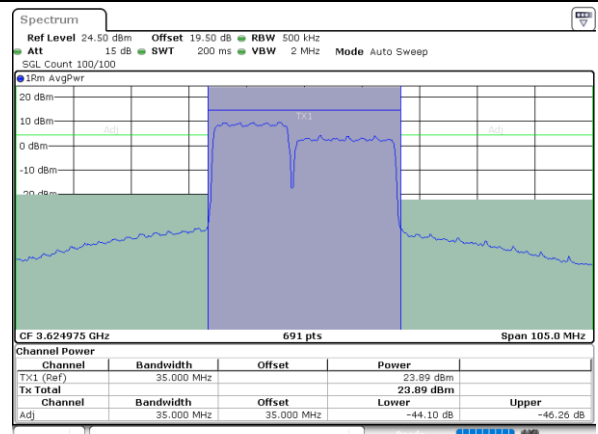
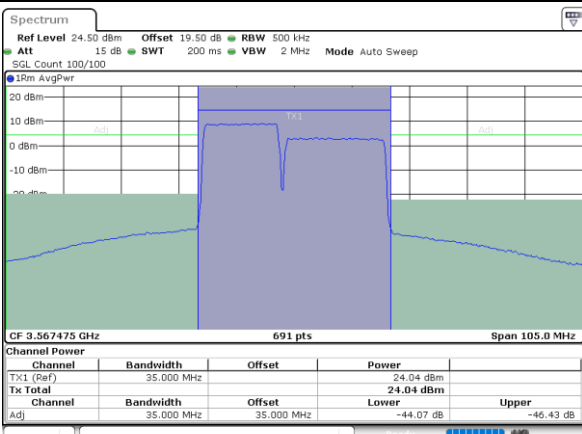


Date: 17\_DEC.2021 19:09:28

Date: 17\_DEC.2021 19:05:46

Lowest ACLR / Full RB

Middle ACLR / Full RB



Date: 17\_DEC.2021 19:00:15

Date: 17\_DEC.2021 19:01:20

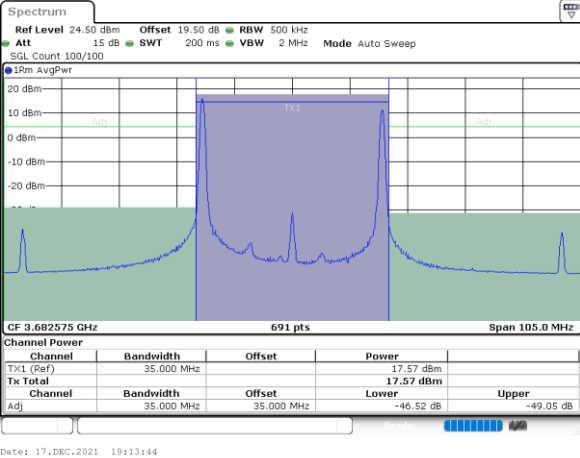


LTE Band 48C / 15MHz+20MHz

QPSK

Highest ACLR / 1RB0 and 1RB99

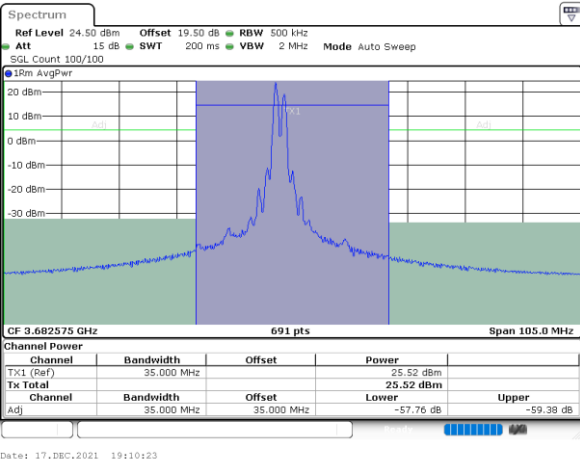
N/A



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Highest ACLR / 1RB74 and 1RB0

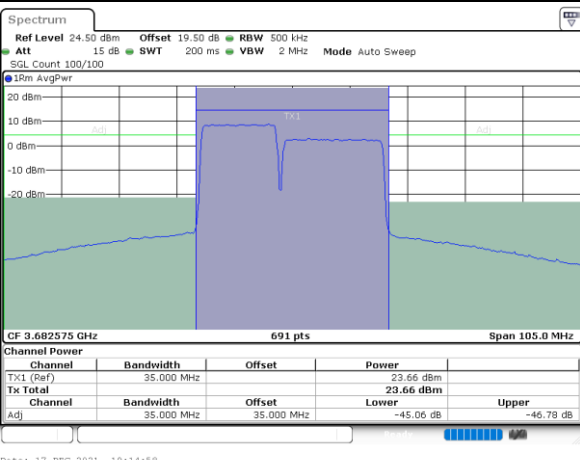
N/A



Blank

Highest ACLR / Full RB

N/A



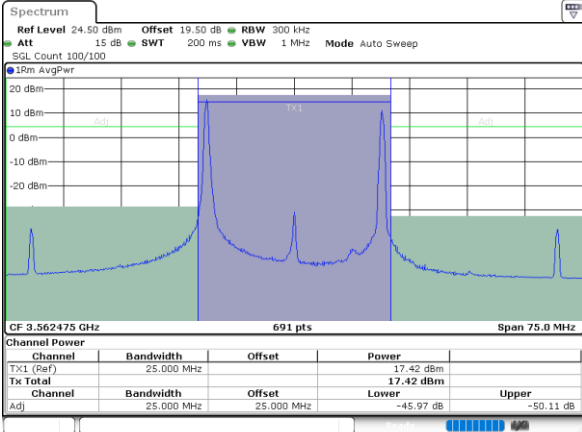
Blank



LTE Band 48C/ 20MHz+5MHz

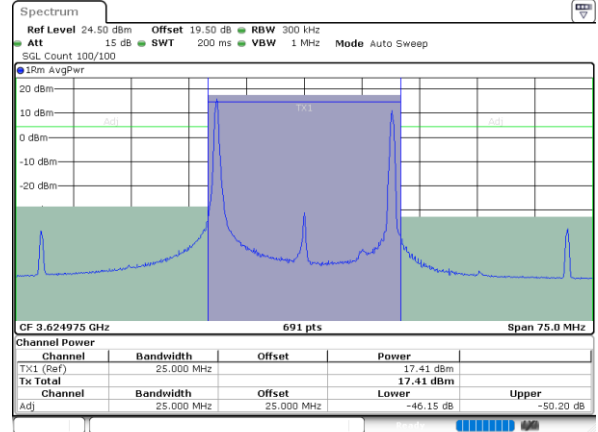
QPSK

Lowest ACLR / 1RB0 and 1RB24



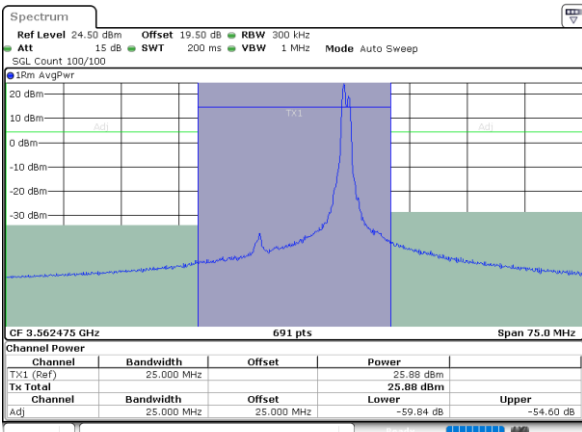
Date: 17. DEC. 2021 19:21:06

Middle ACLR / 1RB0 and 1RB24



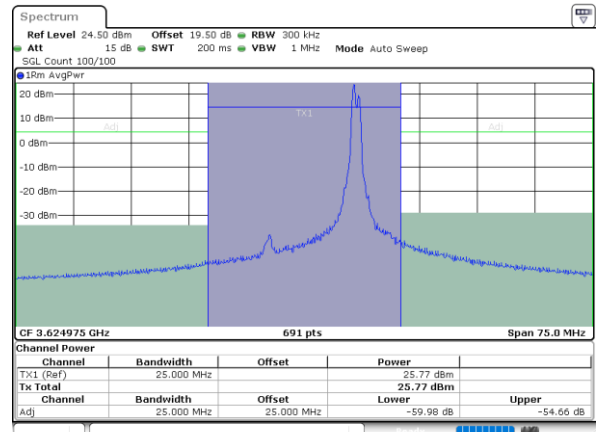
Date: 17. DEC. 2021 19:30:58

Lowest ACLR / 1RB99 and 1RB0



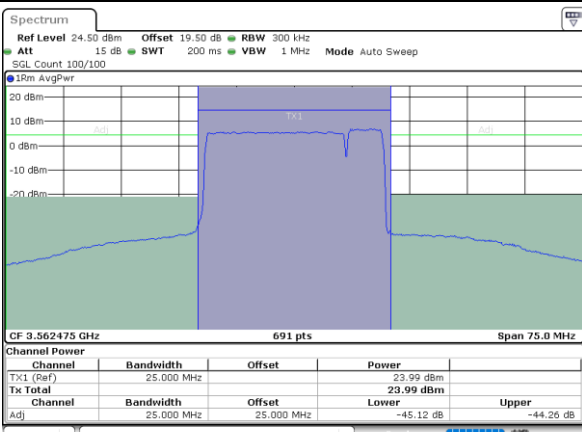
Date: 17. DEC. 2021 19:25:41

Middle ACLR / 1RB99 and 1RB0



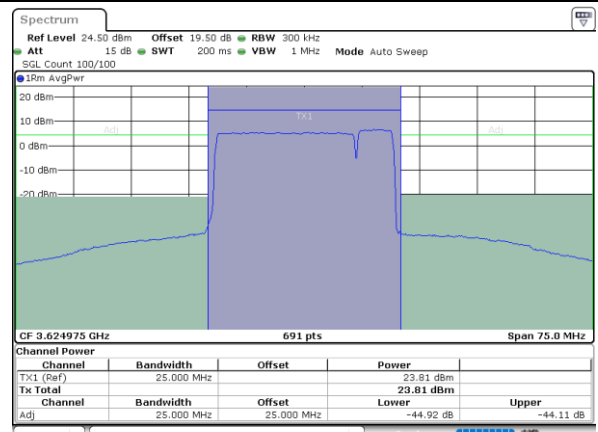
Date: 17. DEC. 2021 19:26:34

Lowest ACLR / Full RB



Date: 17. DEC. 2021 19:20:17

Middle ACLR / Full RB



Date: 17. DEC. 2021 19:31:50

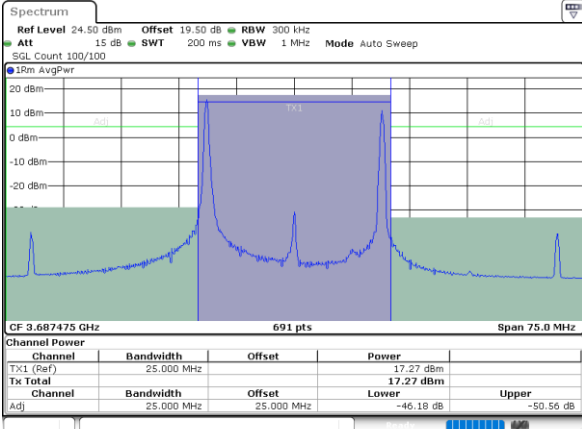


LTE Band 48C / 20MHz+5MHz

QPSK

Highest ACLR / 1RB0 and 1RB24

N/A

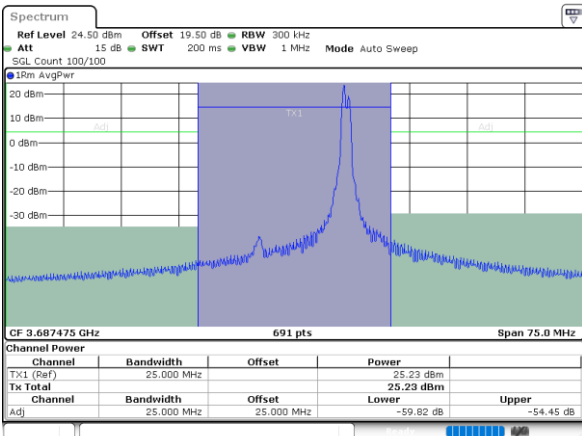


Blank

Date: 17\_DEC.2021 19:36:34

Highest ACLR / 1RB99 and 1RB0

N/A

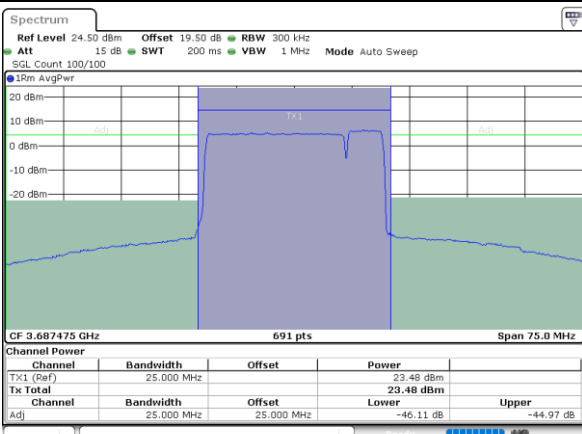


Blank

Date: 17\_DEC.2021 19:39:59

Highest ACLR / Full RB

N/A



Blank

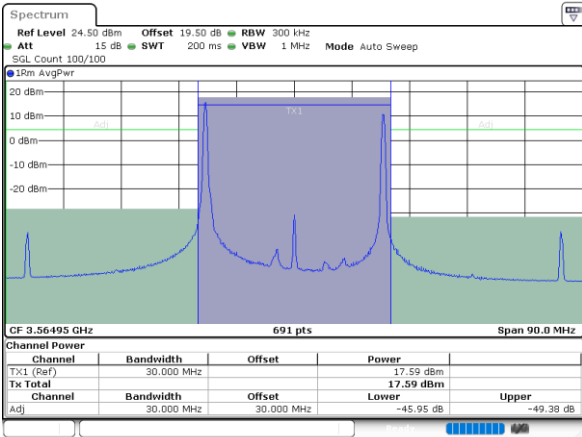
Date: 17\_DEC.2021 19:35:51



LTE Band 48C / 20MHz+10MHz

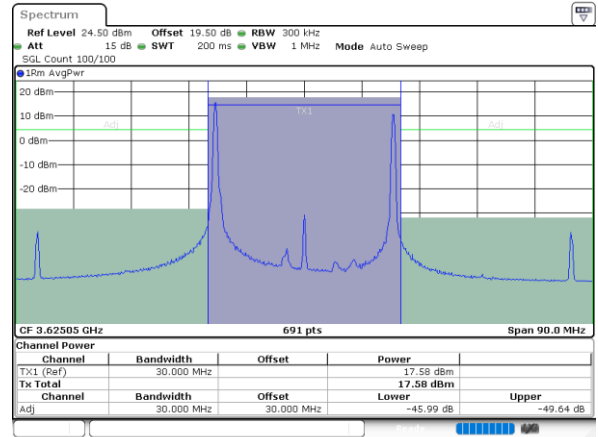
QPSK

Lowest ACLR / 1RB0 and 1RB49



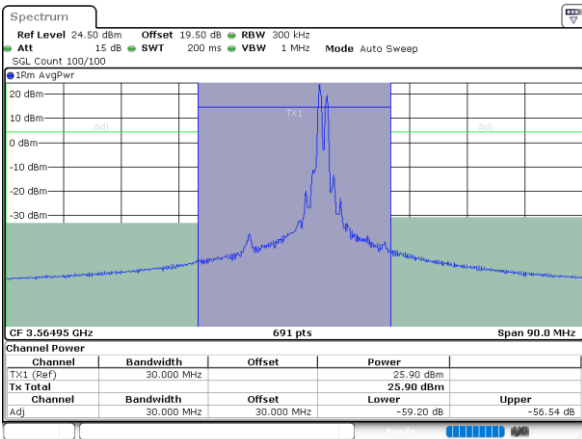
Date: 17\_DEC.2021 20:05:29

Middle ACLR / 1RB0 and 1RB49



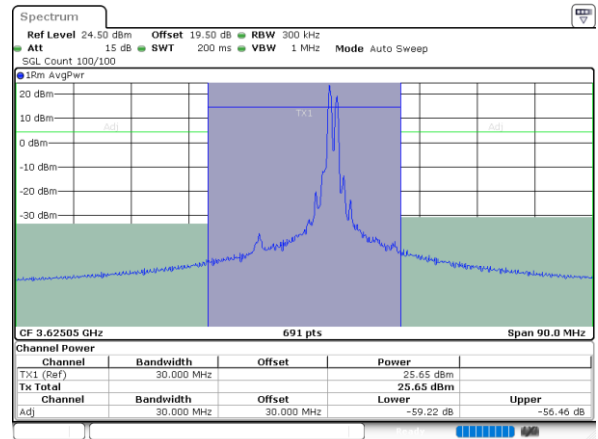
Date: 17\_DEC.2021 20:12:57

Lowest ACLR / 1RB99 and 1RB0



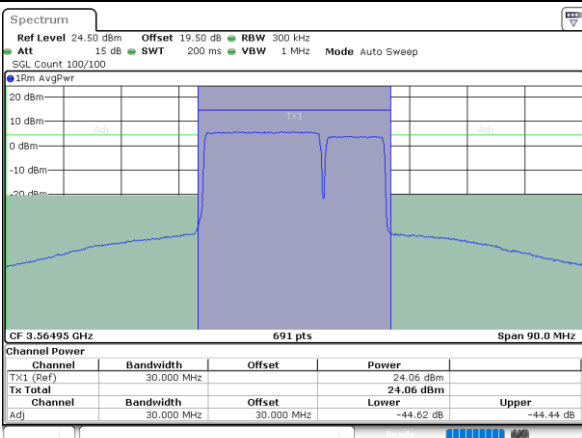
Date: 17\_DEC.2021 20:08:36

Middle ACLR / 1RB99 and 1RB0



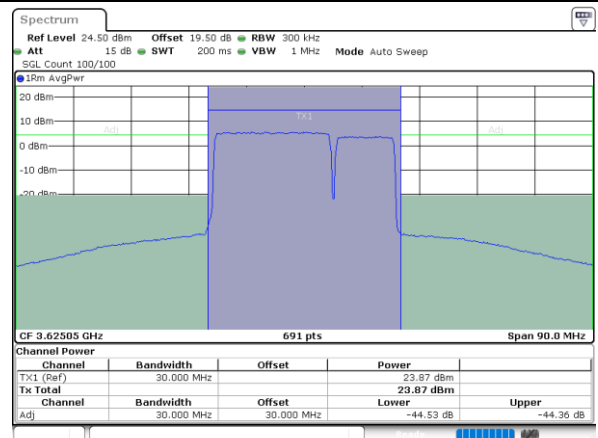
Date: 17\_DEC.2021 20:09:30

Lowest ACLR / Full RB



Date: 17\_DEC.2021 20:04:47

Middle ACLR / Full RB



Date: 17\_DEC.2021 20:13:36



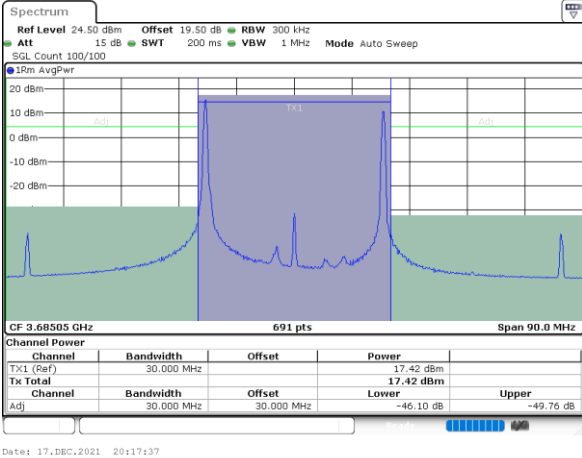


LTE Band 48C / 20MHz+10MHz

QPSK

Highest ACLR / 1RB0 and 1RB49

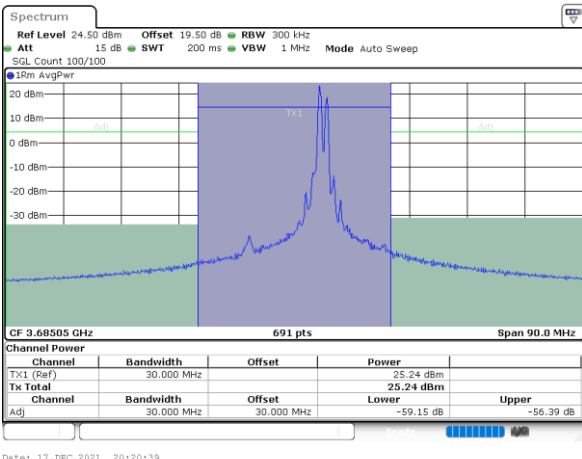
N/A



Blank

Highest ACLR / 1RB99 and 1RB0

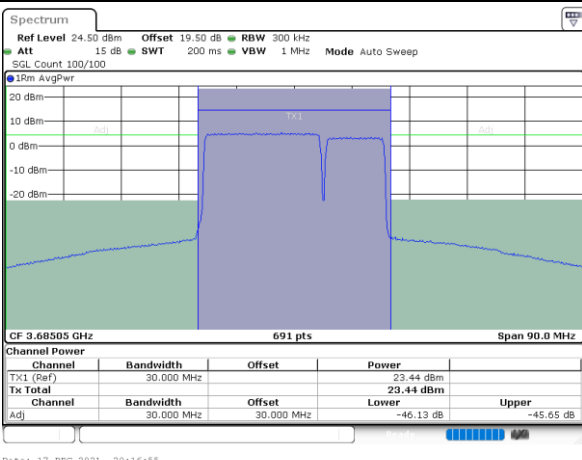
N/A



Blank

Highest ACLR / Full RB

N/A



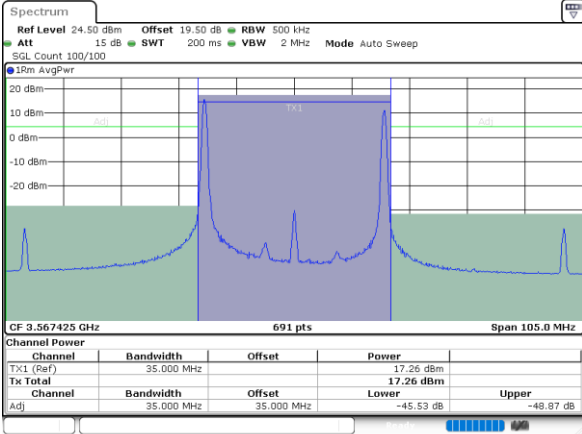
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LTE Band 48C / 20MHz+15MHz

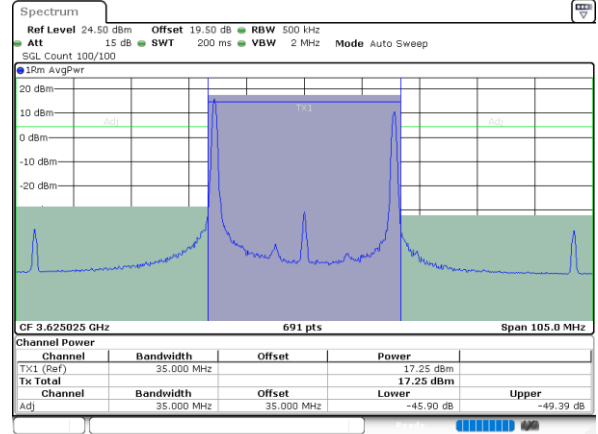
QPSK

Lowest ACLR / 1RB0 and 1RB74



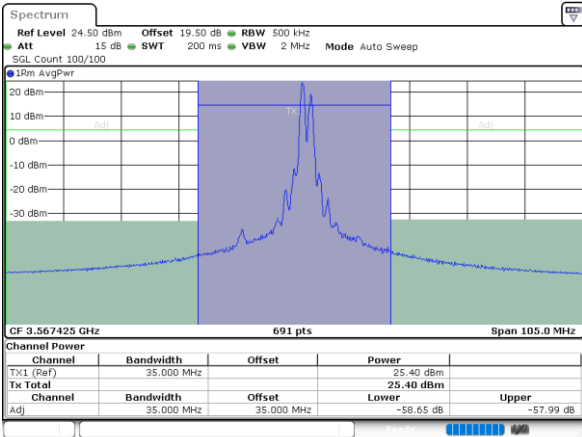
Date: 18\_DEC.2021 06:15:34

Middle ACLR / 1RB0 and 1RB74



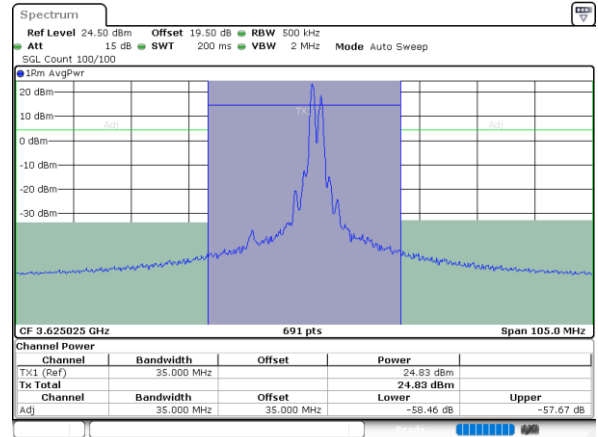
Date: 18\_DEC.2021 06:12:00

Lowest ACLR / 1RB99 and 1RB0



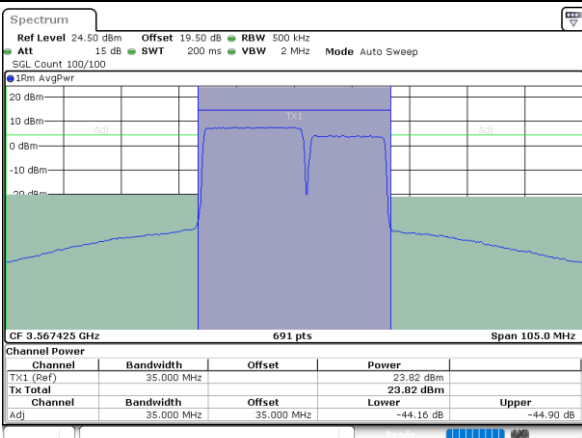
Date: 18\_DEC.2021 06:16:20

Middle ACLR / 1RB99 and 1RB0



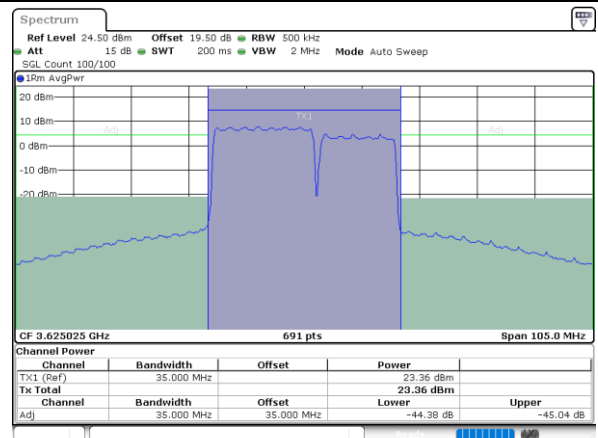
Date: 18\_DEC.2021 06:12:05

Lowest ACLR / Full RB



Date: 18\_DEC.2021 06:09:56

Middle ACLR / Full RB



Date: 18\_DEC.2021 06:13:25

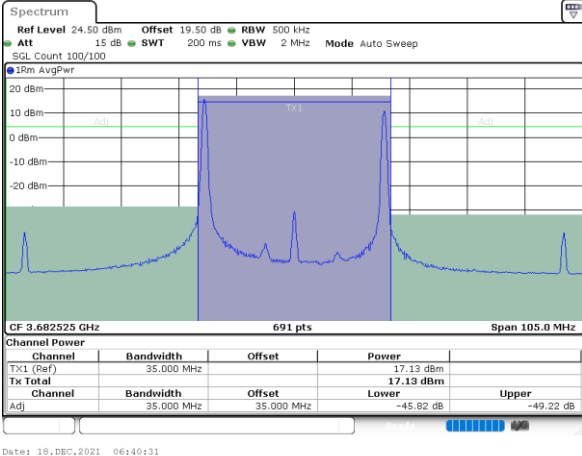


LTE Band 48C / 20MHz+15MHz

QPSK

Highest ACLR / 1RB0 and 1RB74

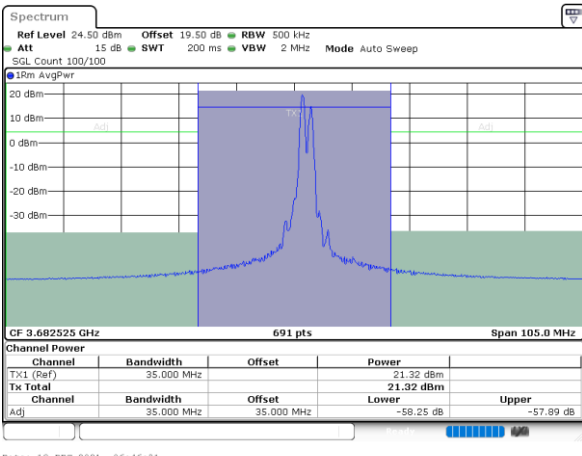
N/A



Blank

Highest ACLR / 1RB99 and 1RB0

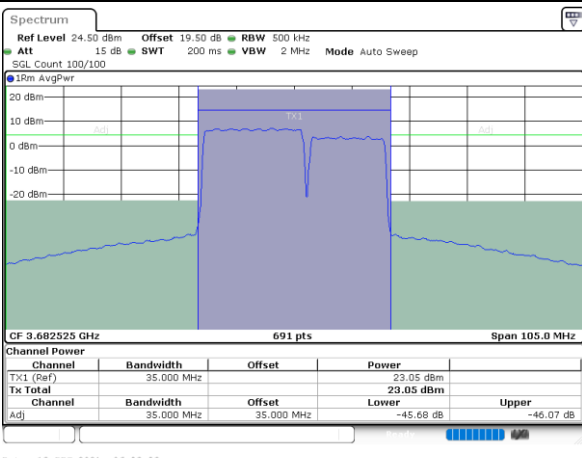
N/A



Blank

Highest ACLR / Full RB

N/A



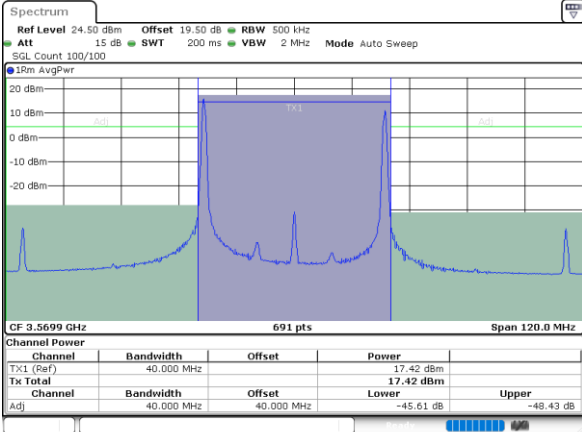
Blank



LTE Band 48C / 20MHz+20MHz

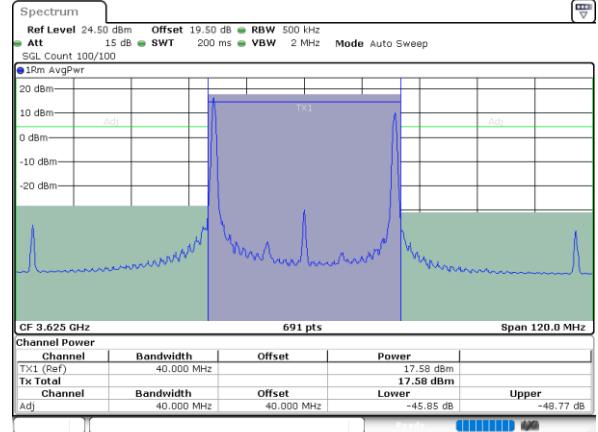
QPSK

Lowest ACLR / 1RB0 and 1RB99



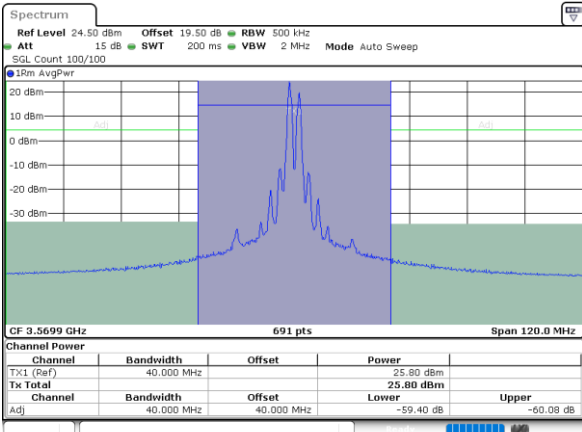
Date: 18\_DEC.2021 06:52:42

Middle ACLR / 1RB0 and 1RB99



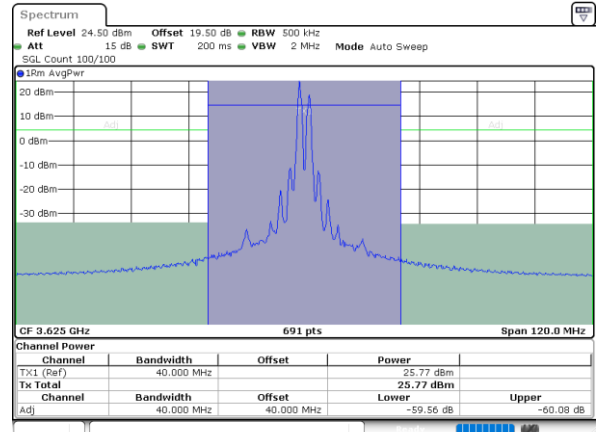
Date: 18\_DEC.2021 07:04:06

Lowest ACLR / 1RB99 and 1RB0



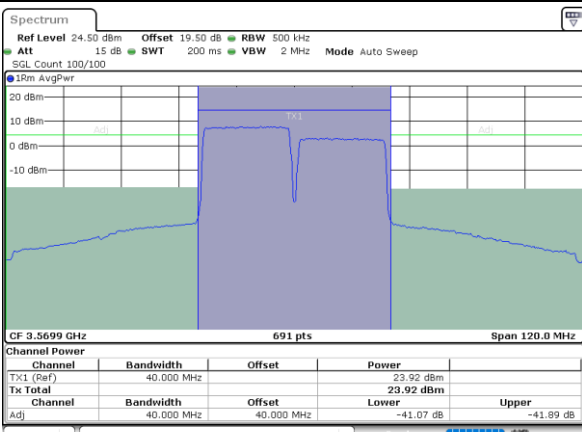
Date: 18\_DEC.2021 06:51:59

Middle ACLR / 1RB99 and 1RB0



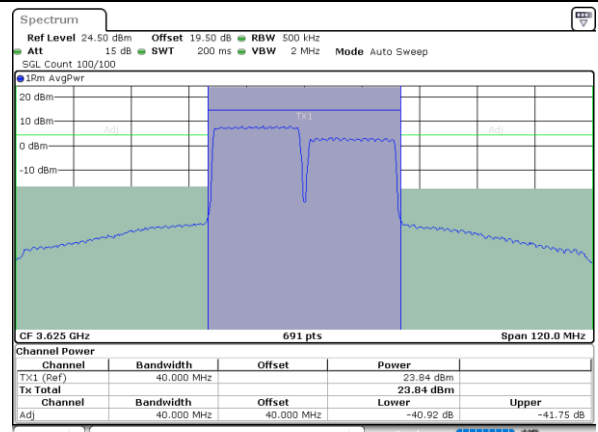
Date: 18\_DEC.2021 07:06:18

Lowest ACLR / Full RB



Date: 18\_DEC.2021 06:57:54

Middle ACLR / Full RB



Date: 18\_DEC.2021 06:59:02

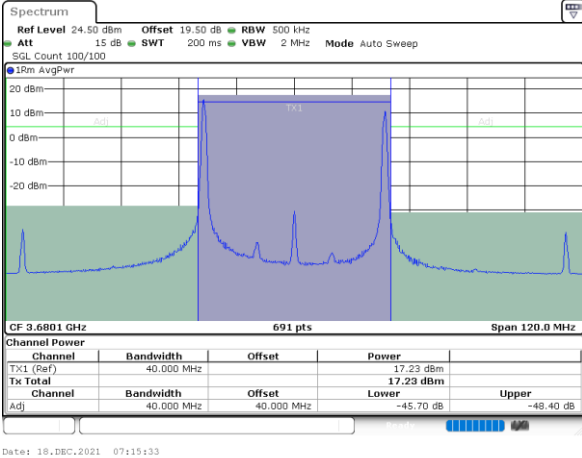


LTE Band 48C / 20MHz+20MHz

QPSK

Highest ACLR / 1RB0 and 1RB99

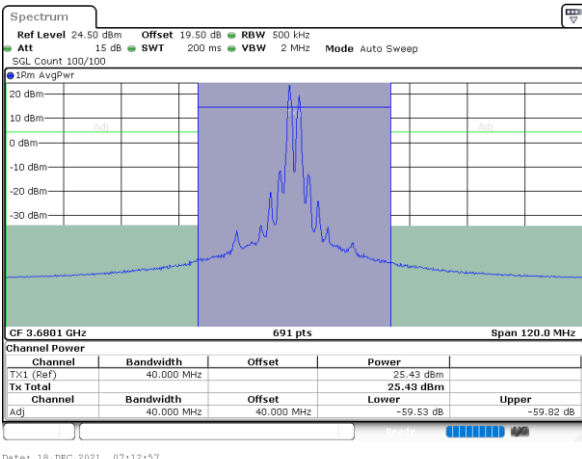
N/A



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Highest ACLR / 1RB99 and 1RB0

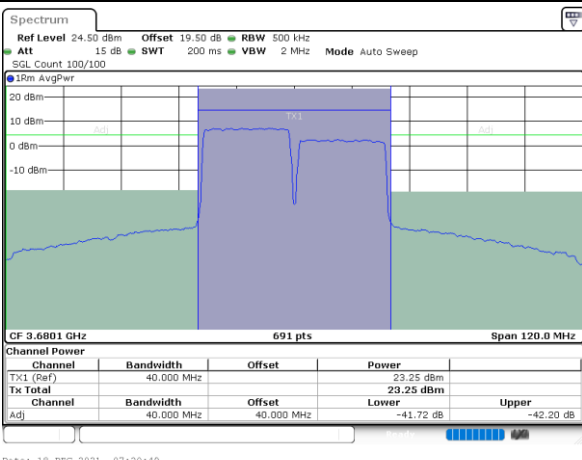
N/A



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Highest ACLR / Full RB

N/A



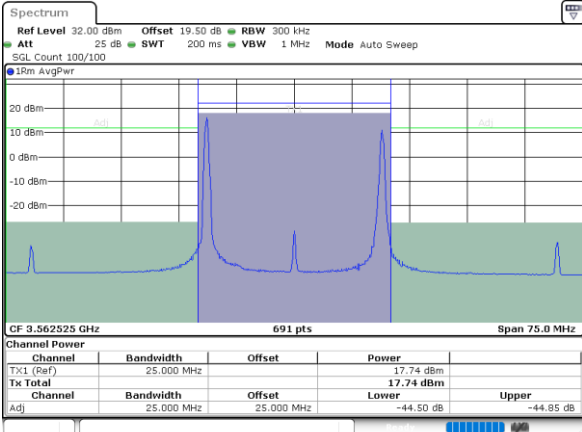
Blank



LTE Band 48C / 5MHz+20MHz

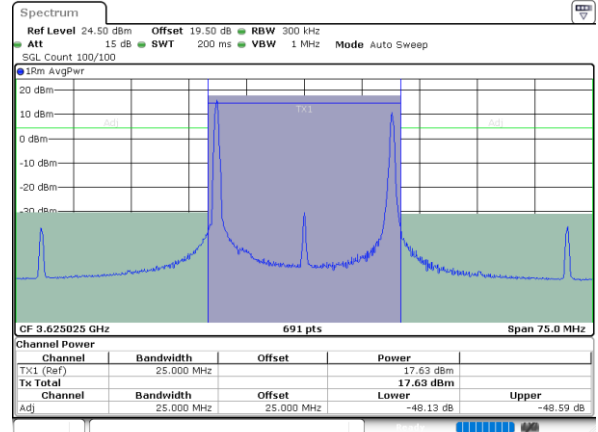
16QAM

Lowest ACLR / 1RB0 and 1RB99



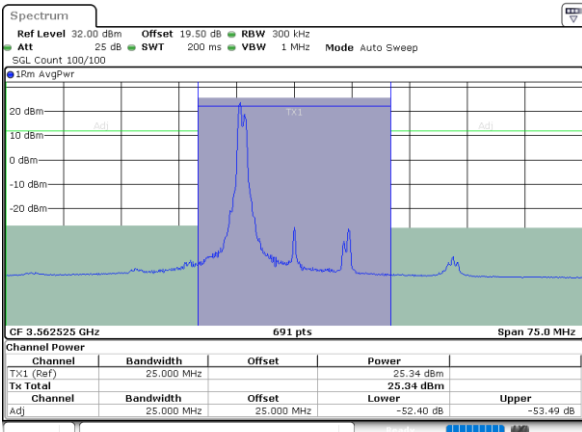
Date: 17\_DEC.2021 08:20:42

Middle ACLR / 1RB0 and 1RB99



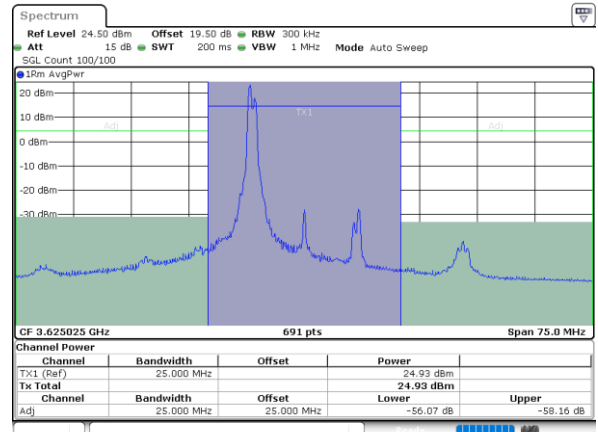
Date: 17\_DEC.2021 18:35:05

Lowest ACLR / 1RB24 and 1RB0



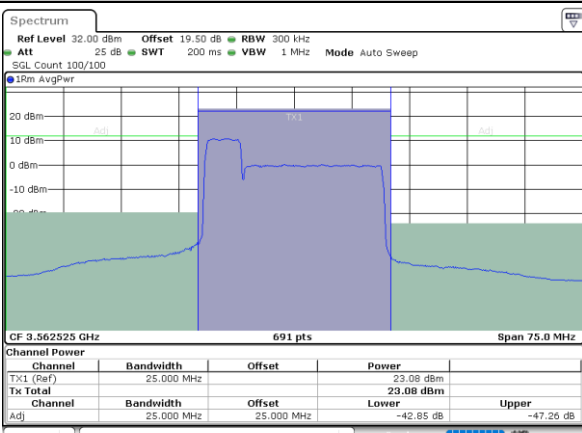
Date: 17\_DEC.2021 09:54:09

Middle ACLR / 1RB24 and 1RB0



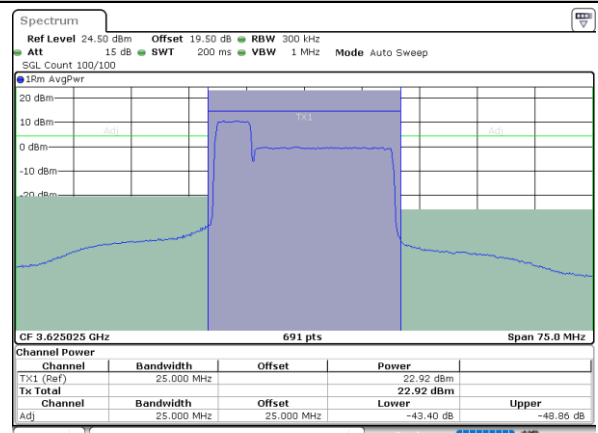
Date: 17\_DEC.2021 18:32:19

Lowest ACLR / Full RB



Date: 17\_DEC.2021 07:59:00

Middle ACLR / Full RB



Date: 17\_DEC.2021 18:37:08

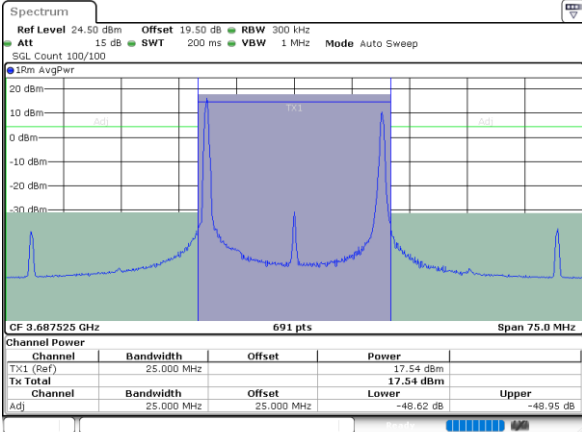


LTE Band 48C / 5MHz+20MHz

16QAM

Highest ACLR / 1RB0 and 1RB99

N/A

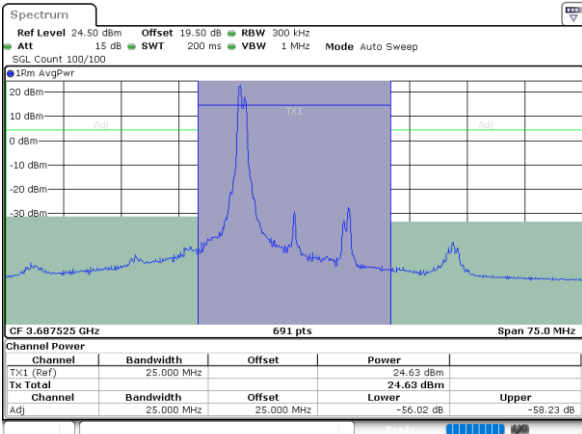


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Date: 17\_DEC.2021 18:41:43

Highest ACLR / 1RB24 and 1RB0

N/A

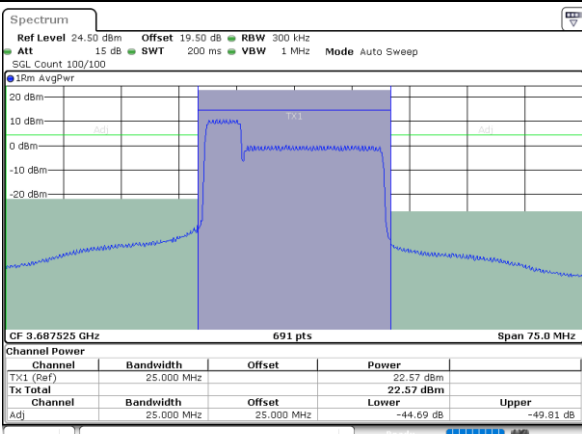


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Date: 17\_DEC.2021 18:43:49

Highest ACLR / Full RB

N/A



Blank

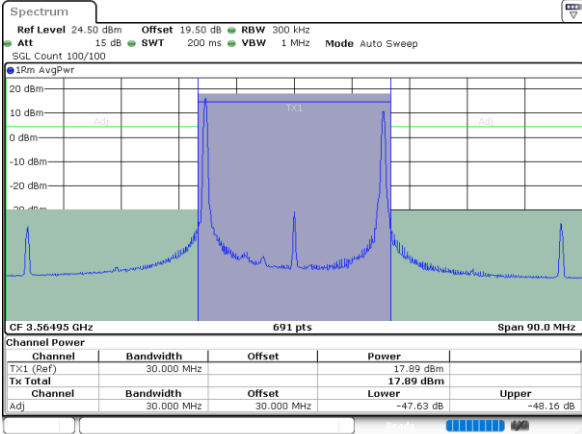
Date: 17\_DEC.2021 18:39:33



LTE Band 48C / 10MHz+20MHz

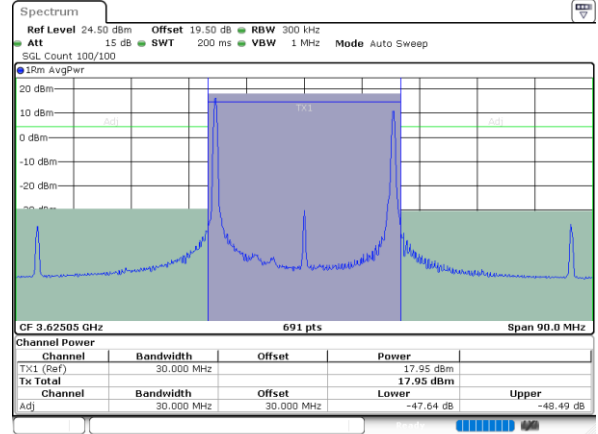
16QAM

Lowest ACLR / 1RB0 and 1RB99



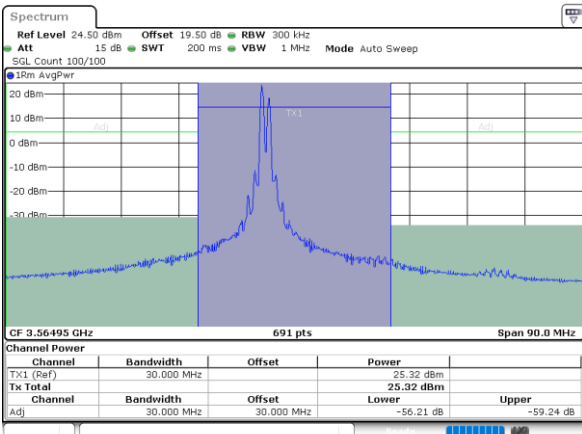
Date: 17\_DEC.2021 19:45:41

Middle ACLR / 1RB0 and 1RB99



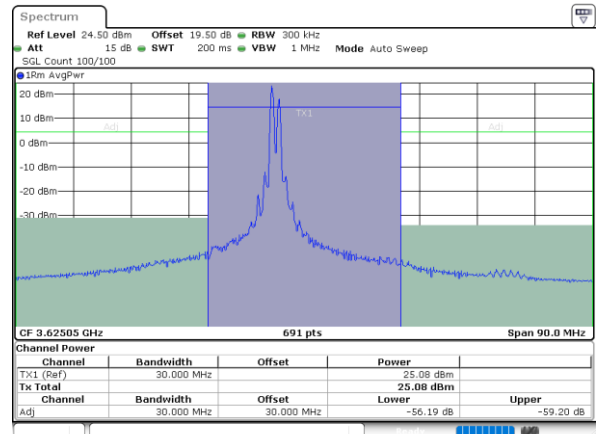
Date: 17\_DEC.2021 19:52:04

Lowest ACLR / 1RB49 and 1RB0



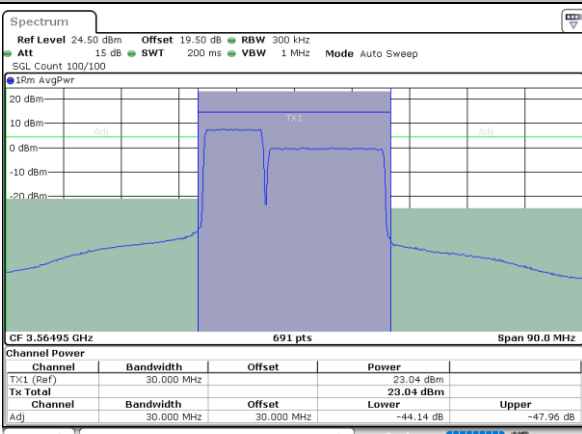
Date: 17\_DEC.2021 19:47:35

Middle ACLR / 1RB49 and 1RB0



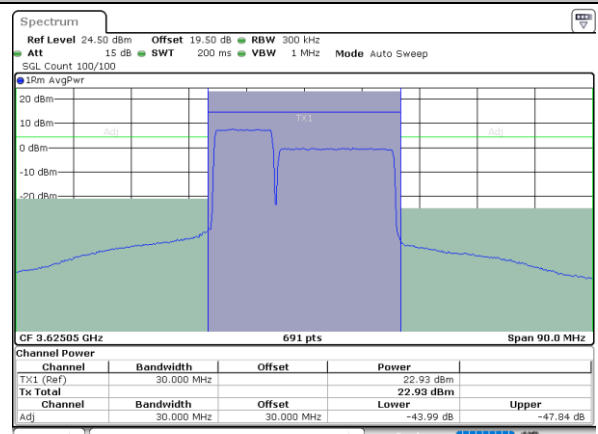
Date: 17\_DEC.2021 19:50:00

Lowest ACLR / Full RB



Date: 17\_DEC.2021 19:43:45

Middle ACLR / Full RB



Date: 17\_DEC.2021 19:54:24



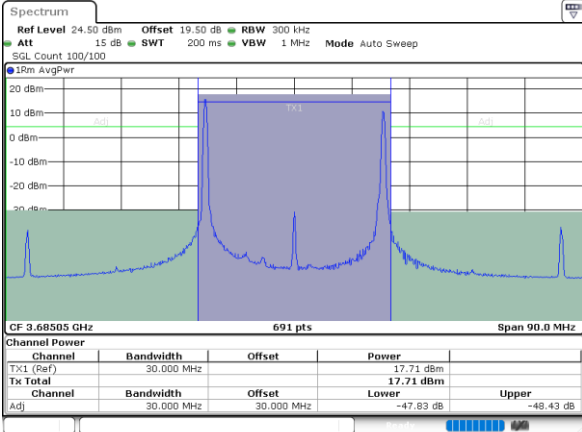


LTE Band 48C / 10MHz+20MHz

16QAM

Highest ACLR / 1RB0 and 1RB99

N/A

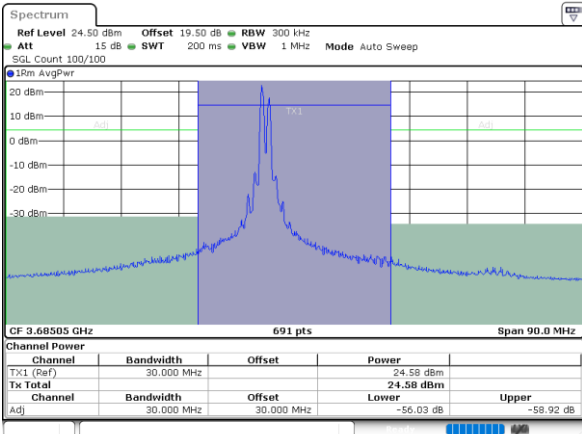


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Date: 17\_DEC\_2021 19:58:37

Highest ACLR / 1RB49 and 1RB0

N/A

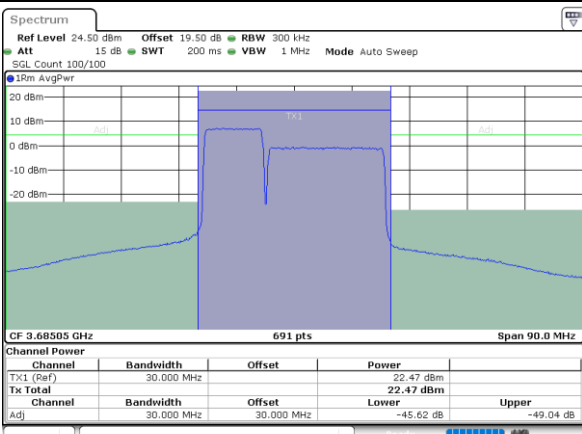


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Date: 17\_DEC\_2021 20:00:34

Highest ACLR / Full RB

N/A



Blank

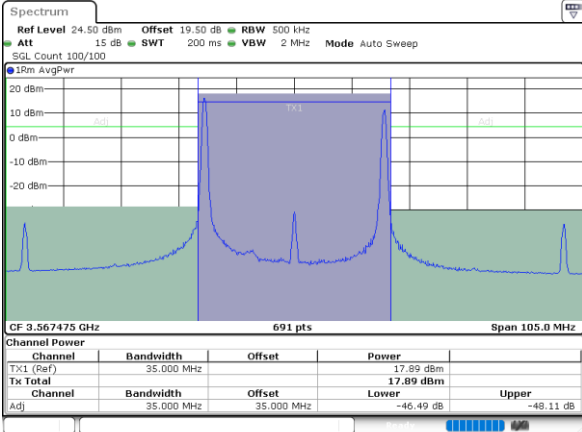
Date: 17\_DEC\_2021 19:56:36



LTE Band 48C / 15MHz+20MHz

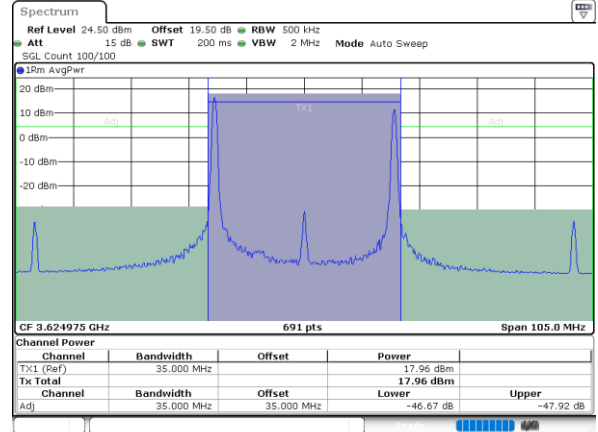
16QAM

Lowest ACLR / 1RB0 and 1RB99



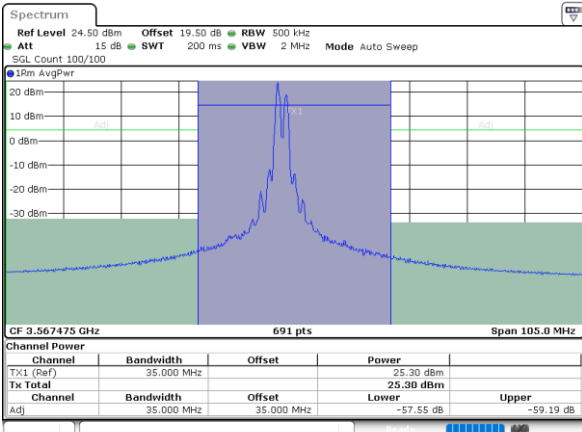
Date: 17\_DEC.2021 18:57:24

Middle ACLR / 1RB0 and 1RB99



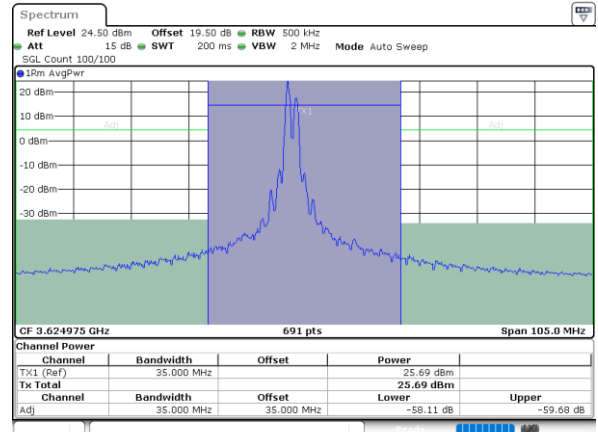
Date: 17\_DEC.2021 19:04:13

Lowest ACLR / 1RB74 and 1RB0



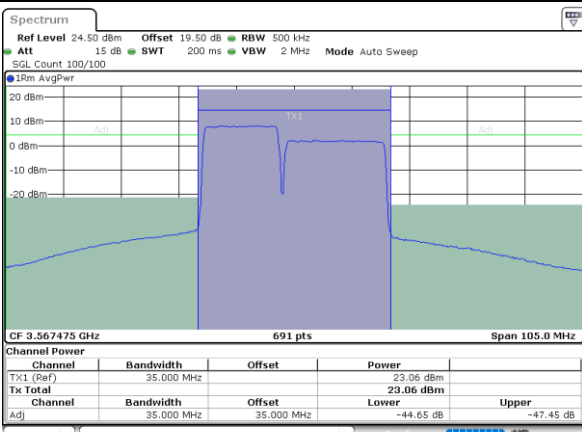
Date: 17\_DEC.2021 19:08:48

Middle ACLR / 1RB74 and 1RB0



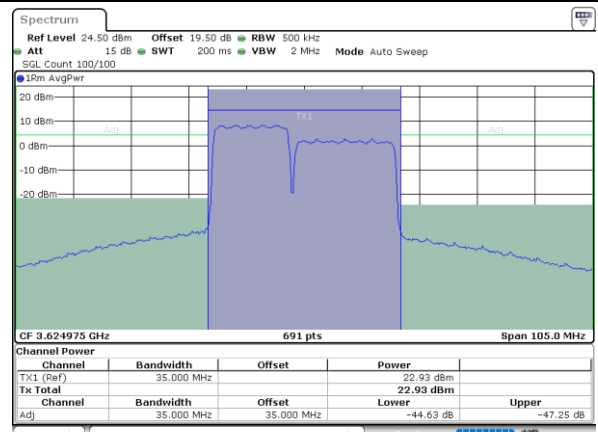
Date: 17\_DEC.2021 19:06:26

Lowest ACLR / Full RB



Date: 17\_DEC.2021 18:59:34

Middle ACLR / Full RB



Date: 17\_DEC.2021 19:01:59

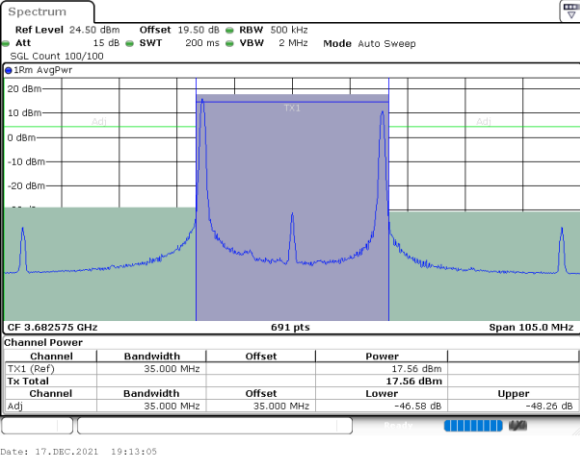


LTE Band 48C / 15MHz+20MHz

16QAM

Highest ACLR / 1RB0 and 1RB99

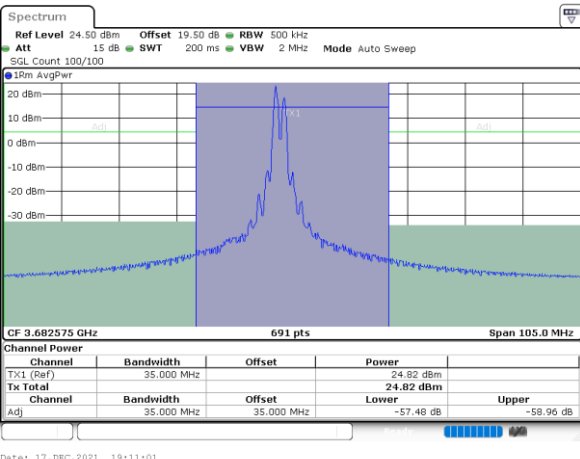
N/A



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Highest ACLR / 1RB74 and 1RB0

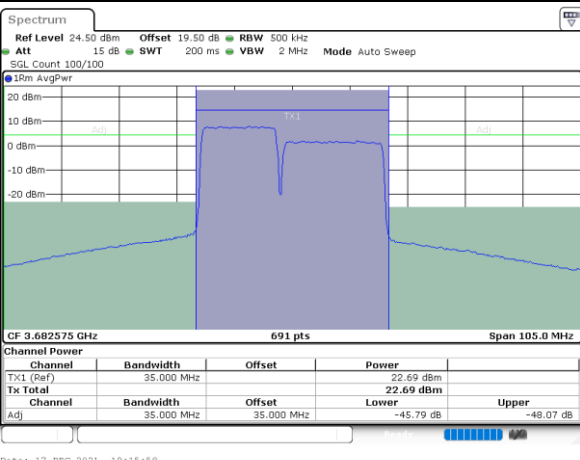
N/A



Blank

Highest ACLR / Full RB

N/A



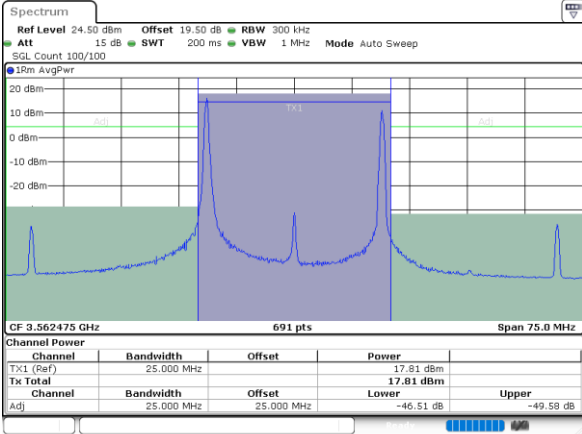
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LTE Band 48C/ 20MHz+5MHz

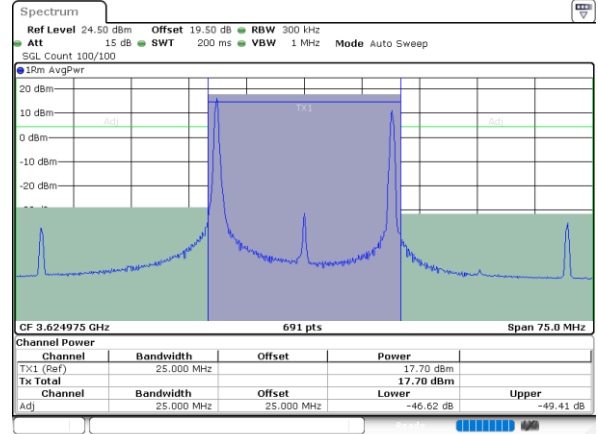
16QAM

Lowest ACLR / 1RB0 and 1RB24



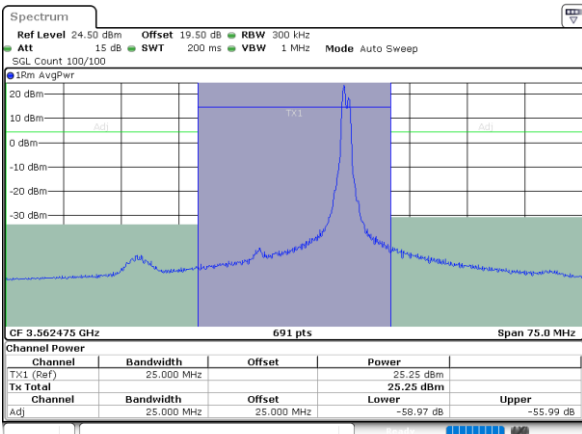
Date: 17\_DEC.2021 19:21:55

Middle ACLR / 1RB0 and 1RB24



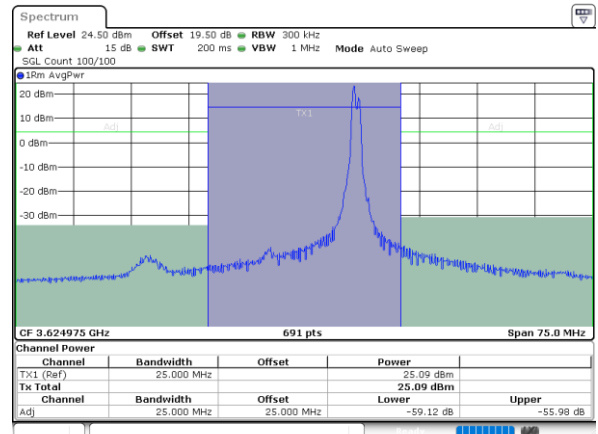
Date: 17\_DEC.2021 19:30:19

Lowest ACLR / 1RB99 and 1RB0



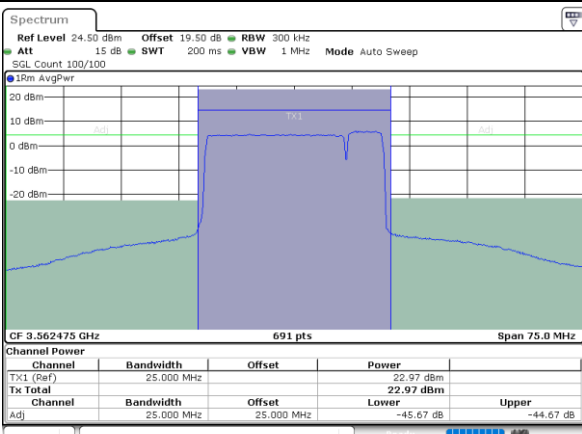
Date: 17\_DEC.2021 19:24:40

Middle ACLR / 1RB99 and 1RB0



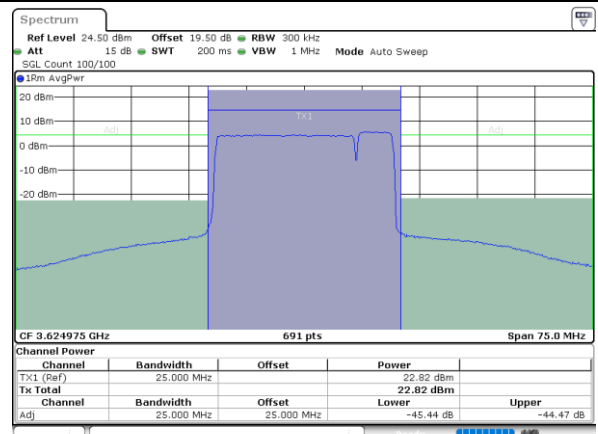
Date: 17\_DEC.2021 19:27:24

Lowest ACLR / Full RB



Date: 17\_DEC.2021 19:19:04

Middle ACLR / Full RB



Date: 17\_DEC.2021 19:32:55

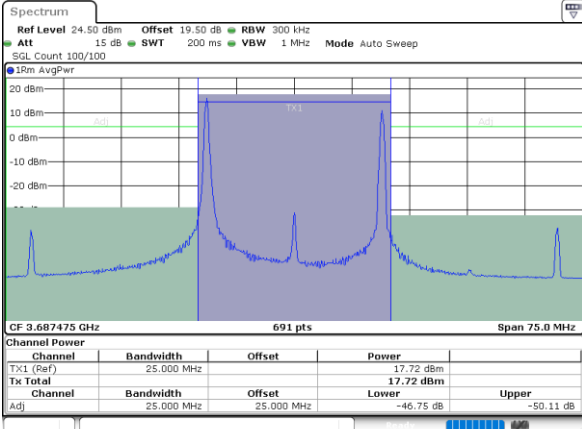


LTE Band 48C / 20MHz+5MHz

16QAM

Highest ACLR / 1RB0 and 1RB24

N/A

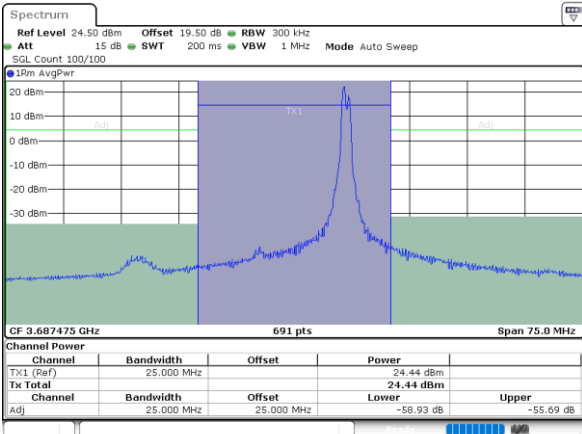


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Date: 17\_DEC.2021 19:37:18

Highest ACLR / 1RB99 and 1RB0

N/A

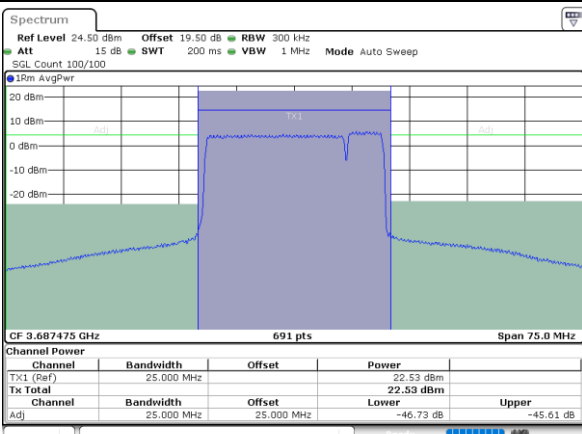


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Date: 17\_DEC.2021 19:39:21

Highest ACLR / Full RB

N/A



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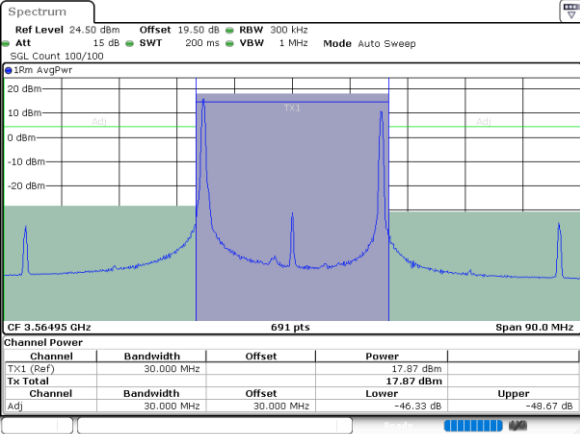
Date: 17\_DEC.2021 19:35:13



LTE Band 48C / 20MHz+10MHz

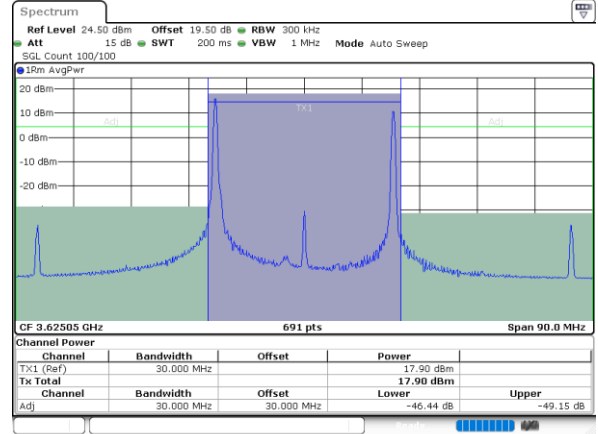
16QAM

Lowest ACLR / 1RB0 and 1RB49



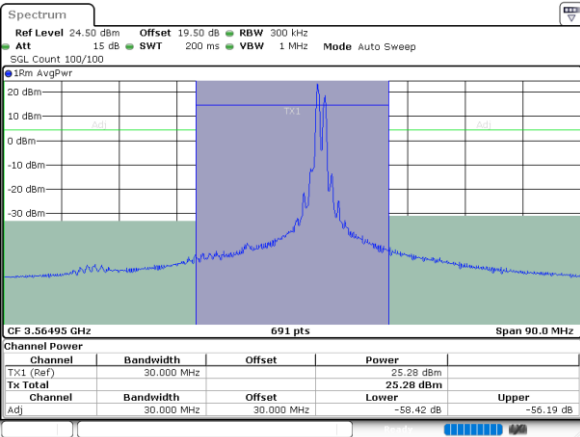
Date: 17\_DEC.2021 20:06:07

Middle ACLR / 1RB0 and 1RB49



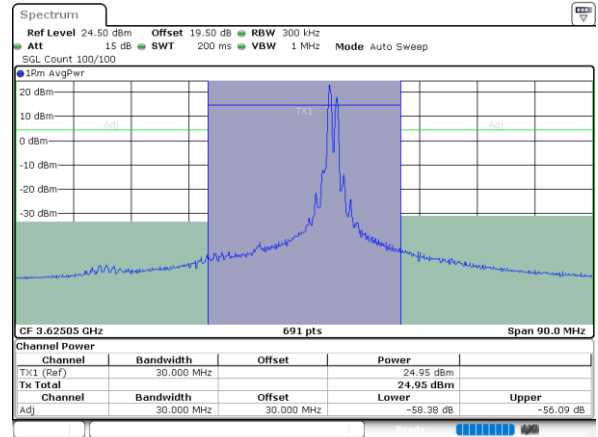
Date: 17\_DEC.2021 20:12:14

Lowest ACLR / 1RB99 and 1RB0



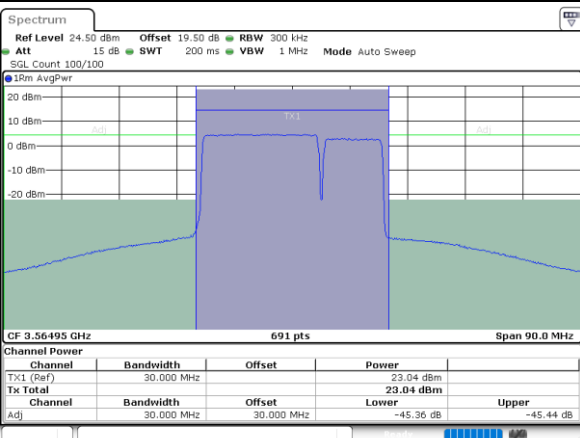
Date: 17\_DEC.2021 20:07:59

Middle ACLR / 1RB99 and 1RB0



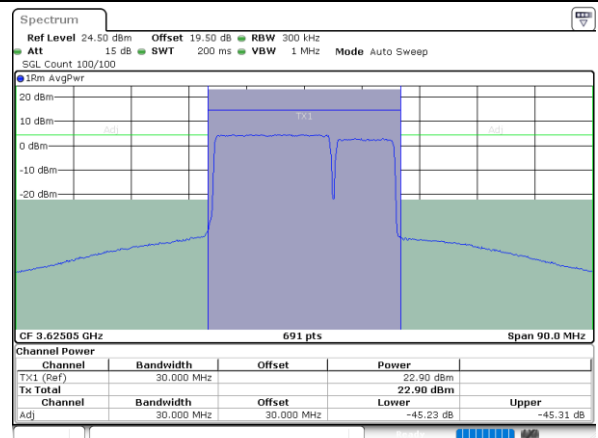
Date: 17\_DEC.2021 20:10:07

Lowest ACLR / Full RB



Date: 17\_DEC.2021 20:04:09

Middle ACLR / Full RB



Date: 17\_DEC.2021 20:14:14

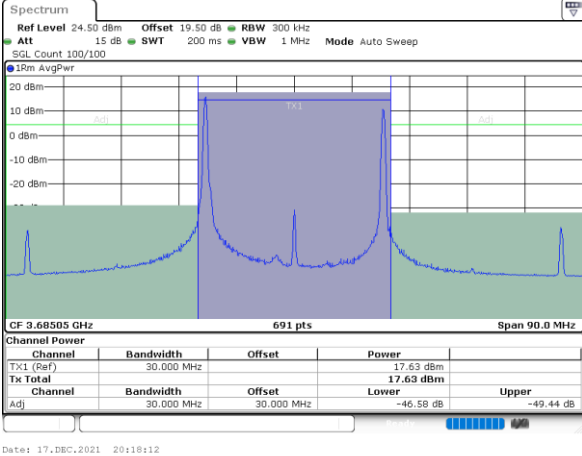


LTE Band 48C / 20MHz+10MHz

16QAM

Highest ACLR / 1RB0 and 1RB49

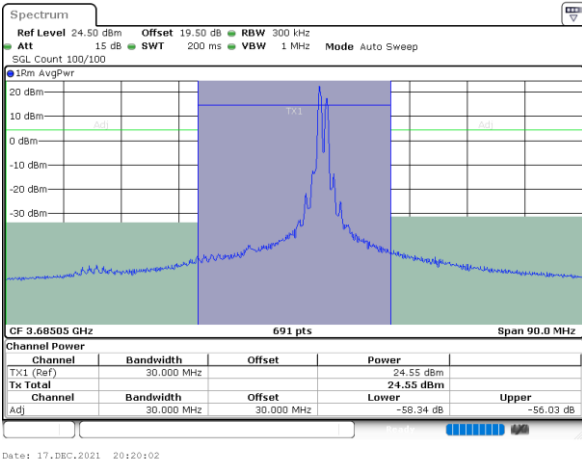
N/A



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Highest ACLR / 1RB99 and 1RB0

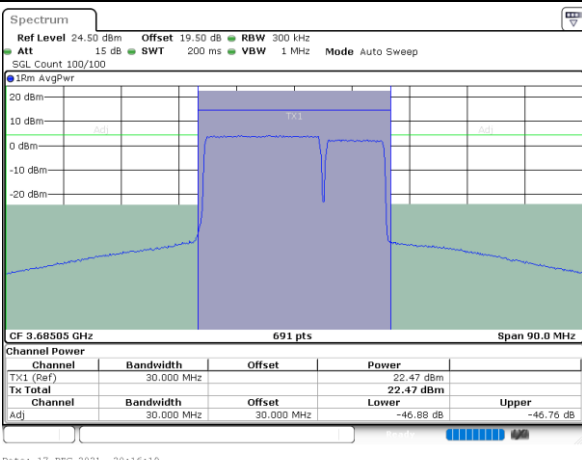
N/A



Blank

Highest ACLR / Full RB

N/A



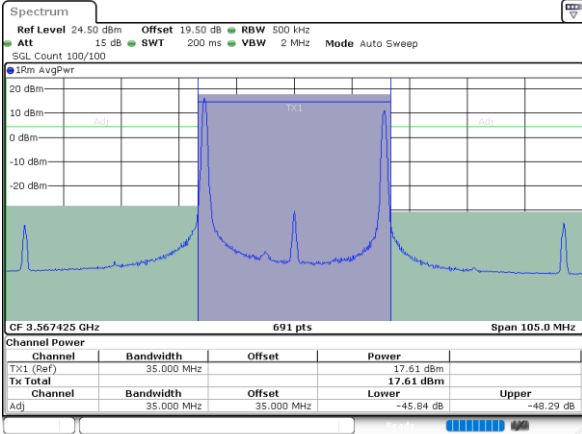
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LTE Band 48C / 20MHz+15MHz

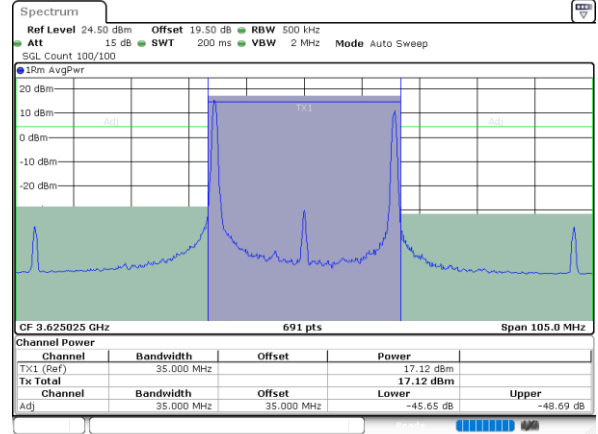
16QAM

Lowest ACLR / 1RB0 and 1RB74



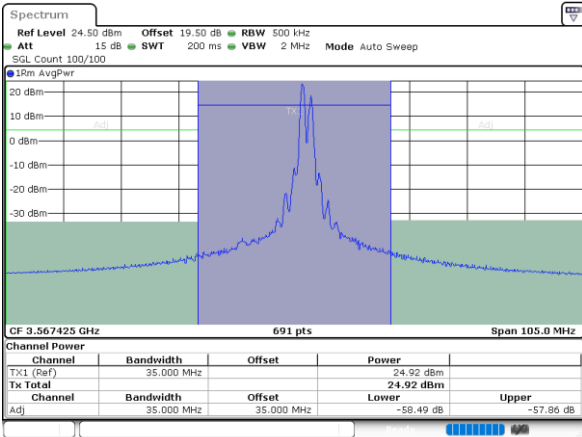
Date: 18\_DEC.2021 06:13:25

Middle ACLR / 1RB0 and 1RB74



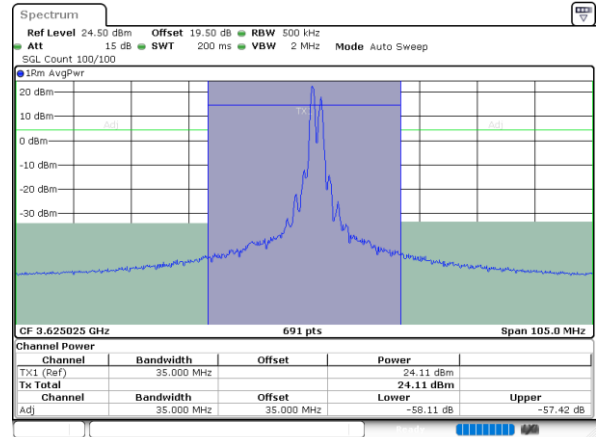
Date: 18\_DEC.2021 06:30:46

Lowest ACLR / 1RB99 and 1RB0



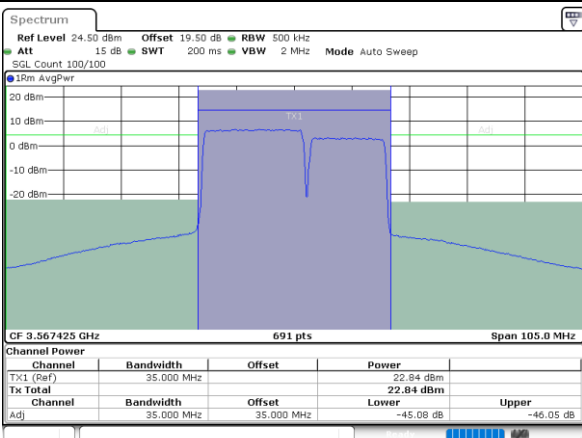
Date: 18\_DEC.2021 06:17:14

Middle ACLR / 1RB99 and 1RB0



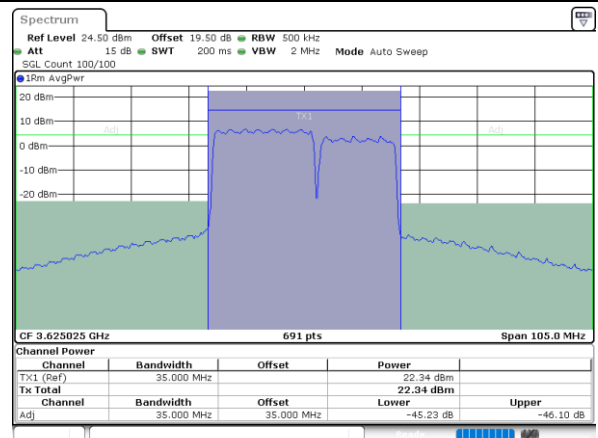
Date: 18\_DEC.2021 06:26:07

Lowest ACLR / Full RB



Date: 18\_DEC.2021 06:10:03

Middle ACLR / Full RB



Date: 18\_DEC.2021 06:33:43



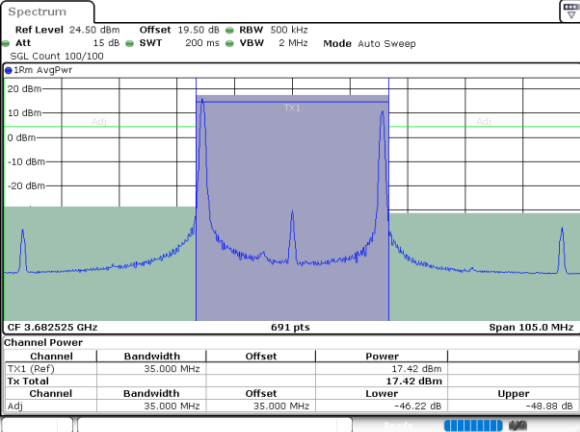


LTE Band 48C / 20MHz+15MHz

16QAM

Highest ACLR / 1RB0 and 1RB74

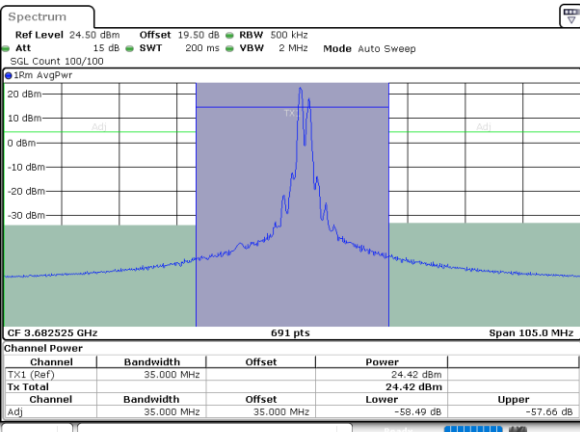
N/A



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Highest ACLR / 1RB99 and 1RB0

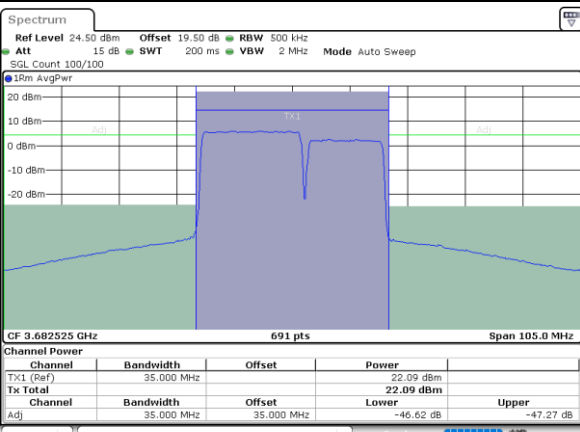
N/A



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Highest ACLR / Full RB

N/A



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