



LTE Band 48C / 10MHz+20MHz

64QAM

Highest Band Edge / 1RB0 and 1RB99

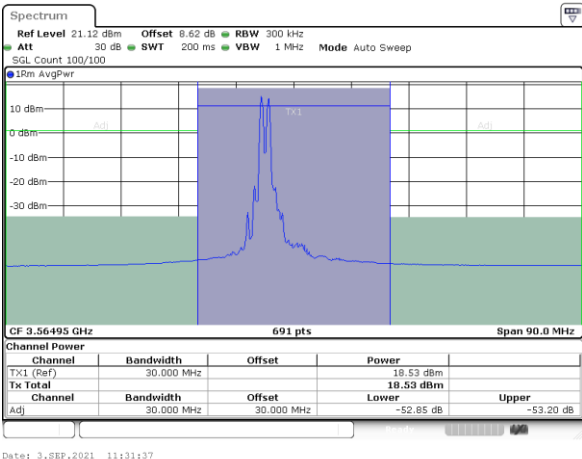
N/A



Date: 3,SEP,2021 11:28:11

Highest Band Edge / 1RB49 and 1RB0

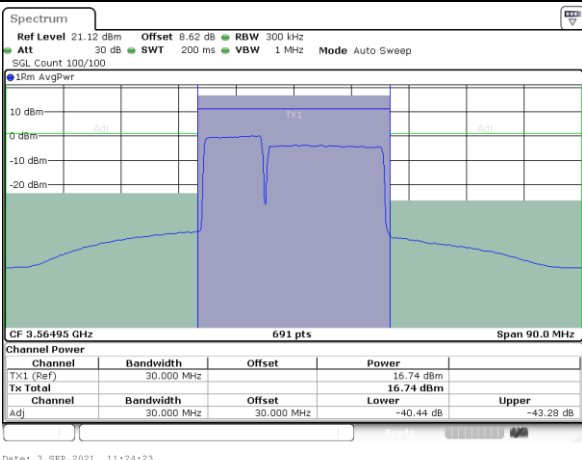
N/A



Date: 3,SEP,2021 11:31:37

Highest Band Edge / Full RB

N/A



Date: 3,SEP,2021 11:24:23



LTE Band 48C / 15MHz+20MHz

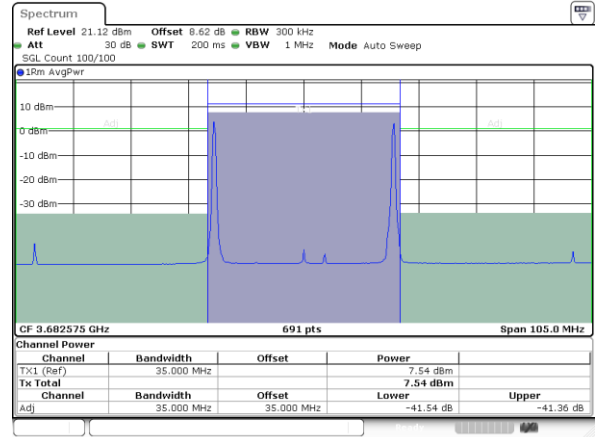
64QAM

Lowest Band Edge / 1RB0 and 1RB99



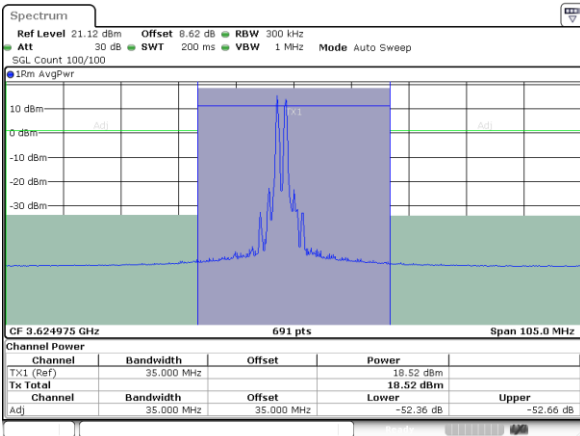
Date: 3_SEP.2021 10:44:27

Middle Band Edge / 1RB0 and 1RB99



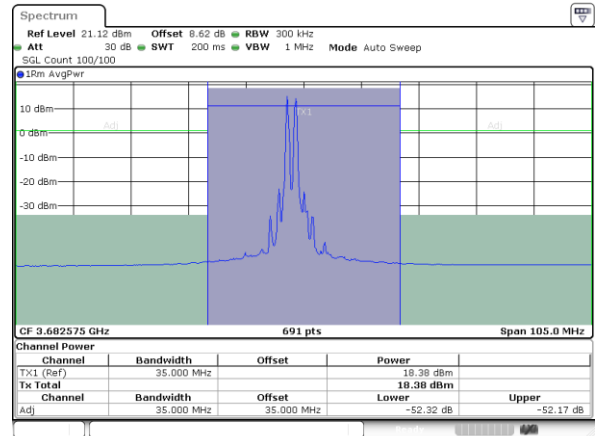
Date: 3_SEP.2021 11:06:03

Lowest Band Edge / 1RB74 and 1RB0



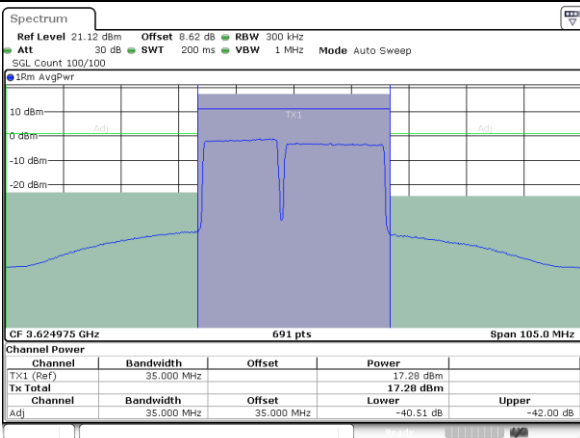
Date: 3_SEP.2021 10:48:17

Middle Band Edge / 1RB74 and 1RB0



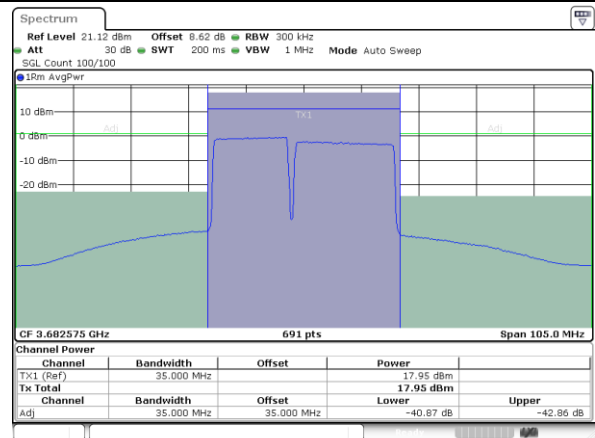
Date: 3_SEP.2021 11:10:17

Lowest Band Edge / Full RB



Date: 3_SEP.2021 10:41:12

Middle Band Edge / Full RB



Date: 3_SEP.2021 11:03:01

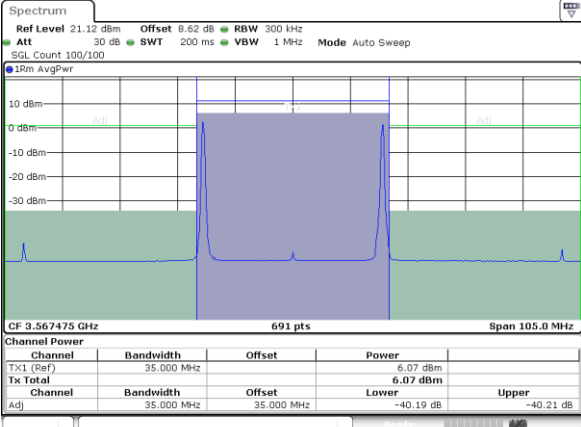


LTE Band 48C / 15MHz+20MHz

64QAM

Highest Band Edge / 1RB0 and 1RB99

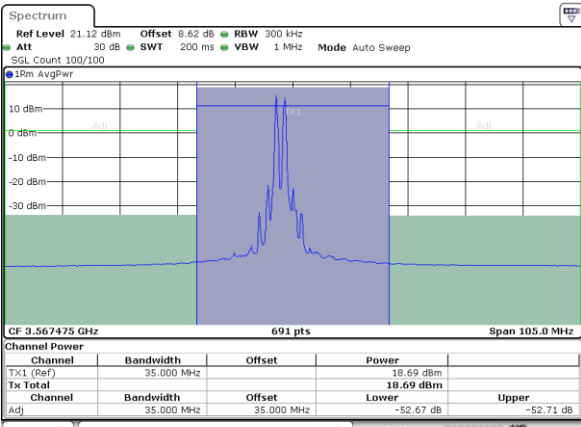
N/A



Date: 3.SEP.2021 10:55:07

Highest Band Edge / 1RB74 and 1RB0

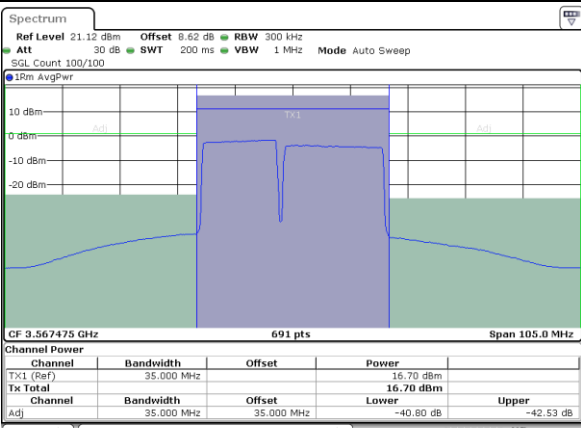
N/A



Date: 3.SEP.2021 10:57:27

Highest Band Edge / Full RB

N/A



Date: 3.SEP.2021 10:51:10

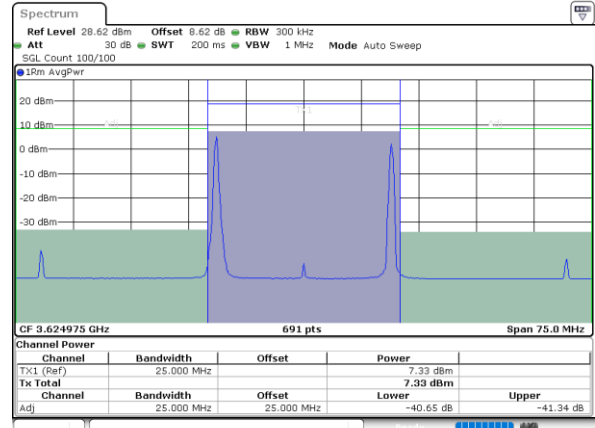
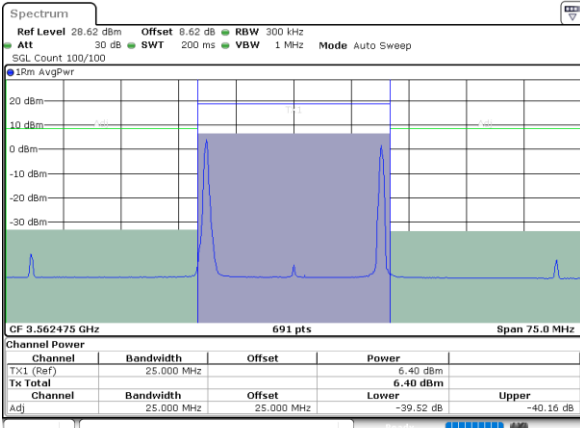


LTE Band 48C/ 20MHz+5MHz

64QAM

Lowest Band Edge / 1RB0 and 1RB24

Middle Band Edge / 1RB0 and 1RB24

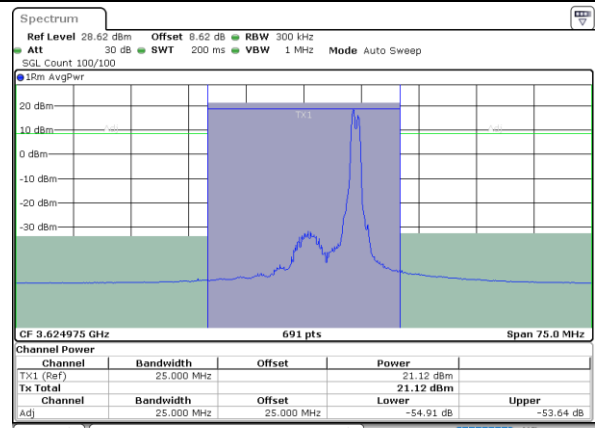
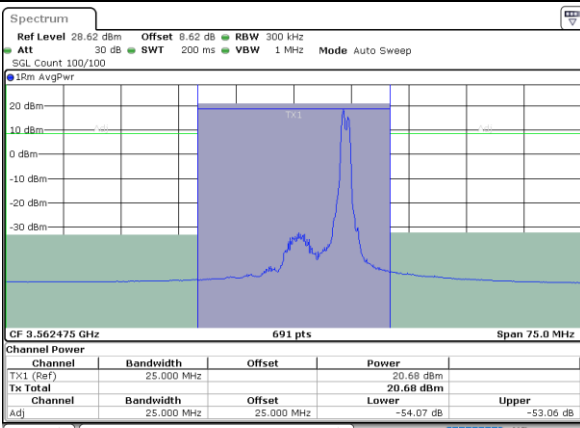


Date: 2,SEP,2021 16:10:39

Date: 2,SEP,2021 16:21:27

Lowest Band Edge / 1RB99 and 1RB0

Middle Band Edge / 1RB99 and 1RB0

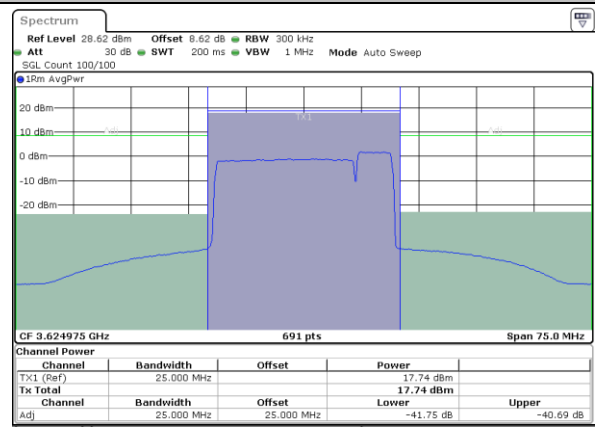
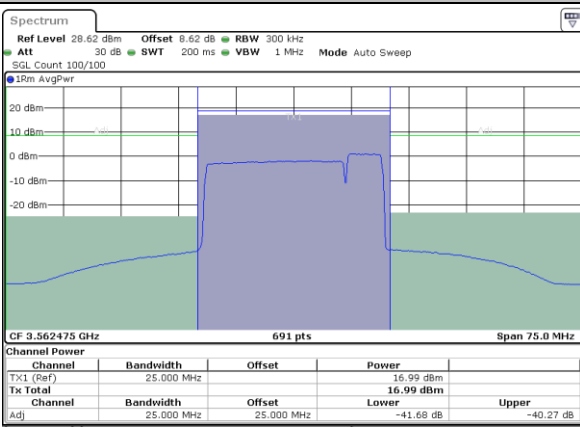


Date: 2,SEP,2021 16:13:05

Date: 2,SEP,2021 16:25:29

Lowest Band Edge / Full RB

Middle Band Edge / Full RB



Date: 2,SEP,2021 16:06:30

Date: 2,SEP,2021 16:18:52

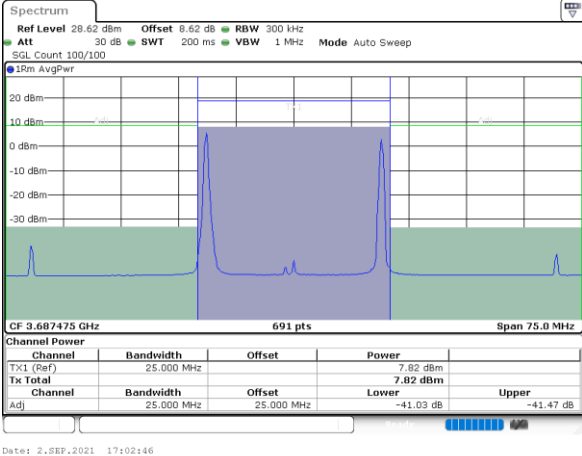


LTE Band 48C / 20MHz+5MHz

64QAM

Highest Band Edge / 1RB0 and 1RB24

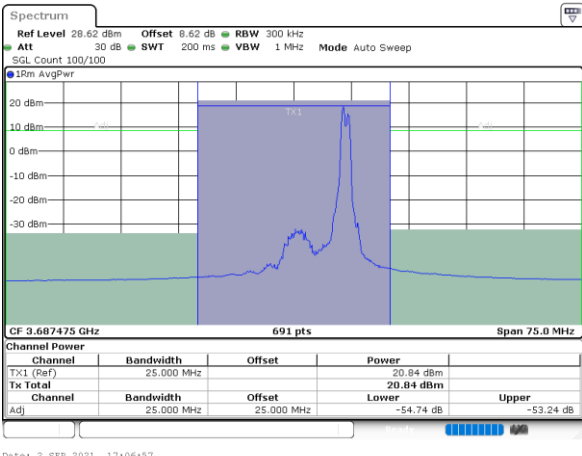
N/A



Date: 2.SEP.2021 17:02:46

Highest Band Edge / 1RB99 and 1RB0

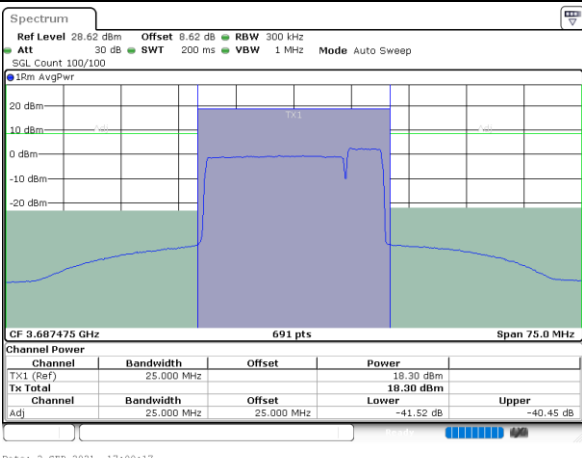
N/A



Date: 2.SEP.2021 17:06:57

Highest Band Edge / Full RB

N/A



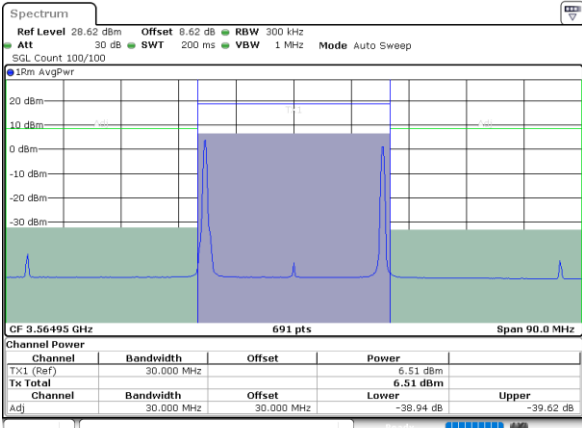
Date: 2.SEP.2021 17:00:17



LTE Band 48C / 20MHz+10MHz

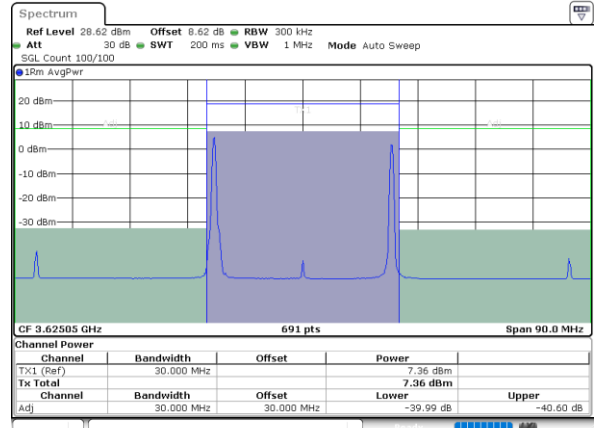
64QAM

Lowest Band Edge / 1RB0 and 1RB49



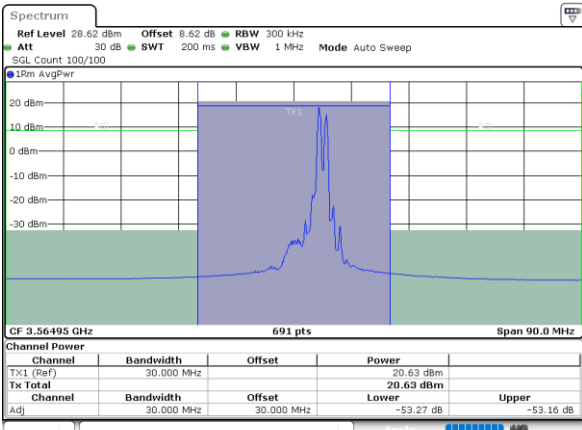
Date: 2,SEP,2021 15:34:07

Middle Band Edge / 1RB0 and 1RB49



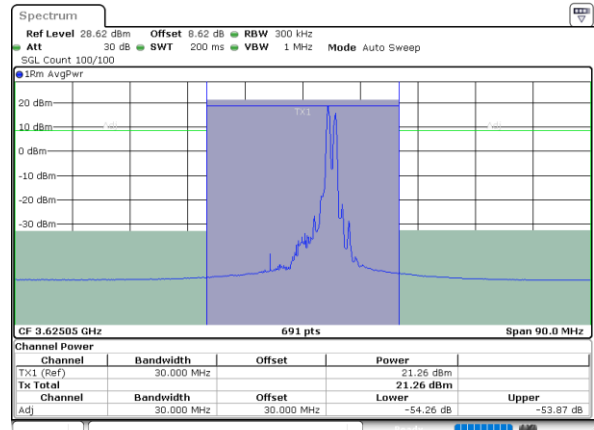
Date: 2,SEP,2021 15:46:24

Lowest Band Edge / 1RB99 and 1RB0



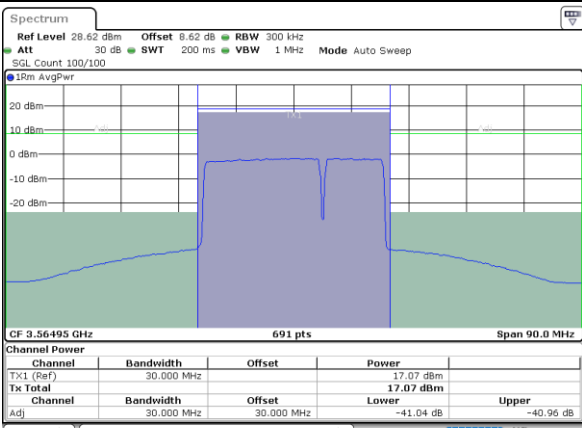
Date: 2,SEP,2021 15:38:17

Middle Band Edge / 1RB99 and 1RB0



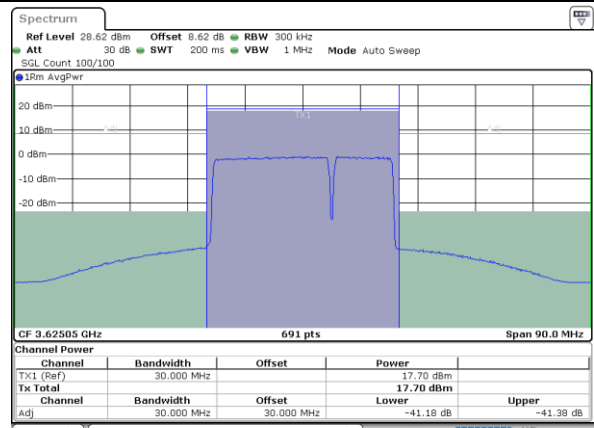
Date: 2,SEP,2021 15:49:49

Lowest Band Edge / Full RB



Date: 2,SEP,2021 15:31:10

Middle Band Edge / Full RB



Date: 2,SEP,2021 15:41:41

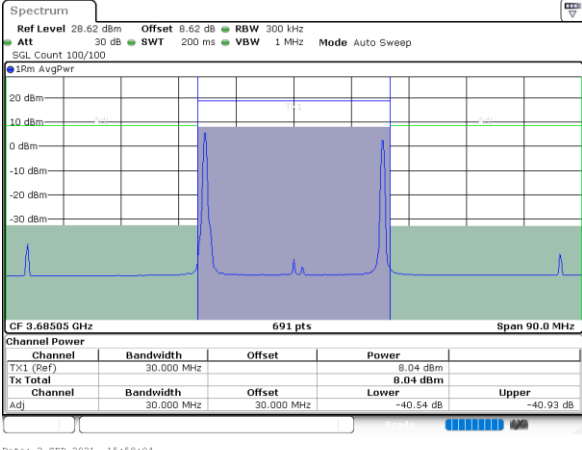


LTE Band 48C / 20MHz+10MHz

64QAM

Highest Band Edge / 1RB0 and 1RB49

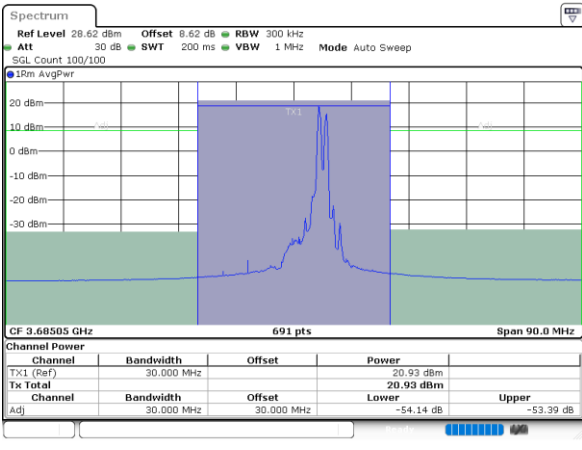
N/A



Date: 2.SEP.2021 15:58:04

Highest Band Edge / 1RB99 and 1RB0

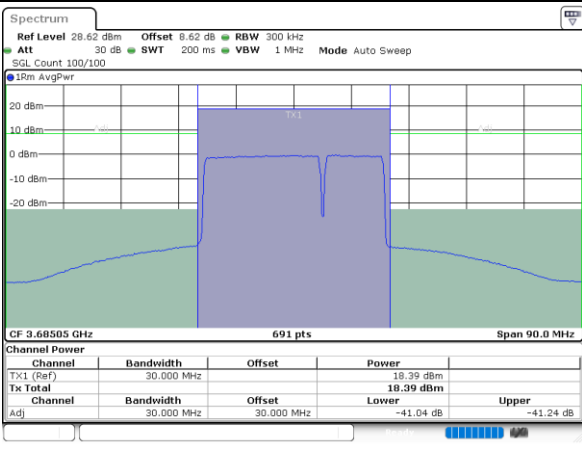
N/A



Date: 2.SEP.2021 16:02:27

Highest Band Edge / Full RB

N/A



Date: 2.SEP.2021 15:55:20

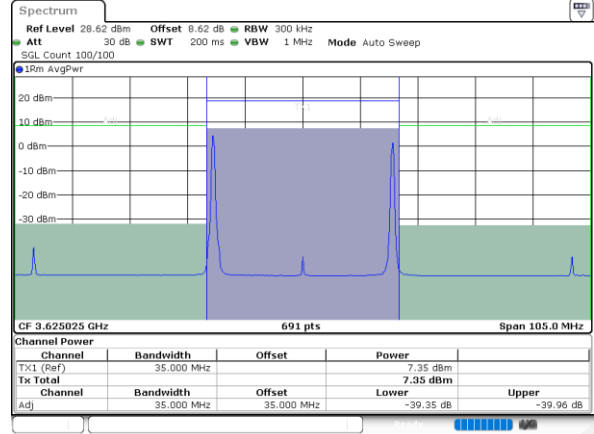
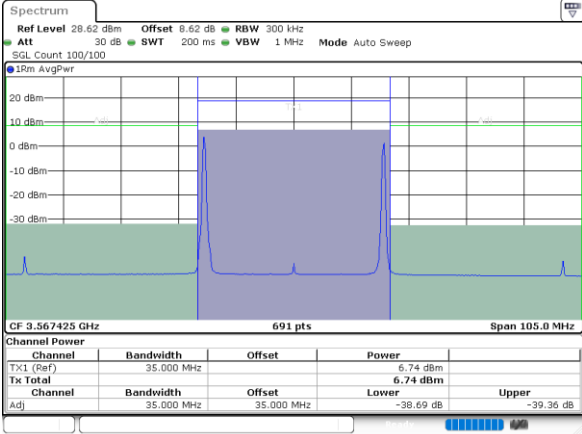


LTE Band 48C / 20MHz+15MHz

64QAM

Lowest Band Edge / 1RB0 and 1RB74

Middle Band Edge / 1RB0 and 1RB74

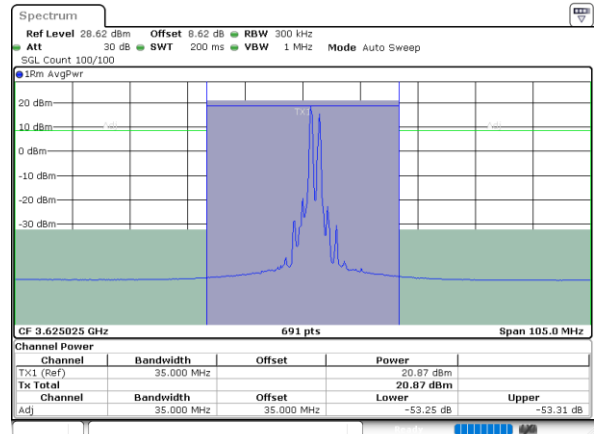
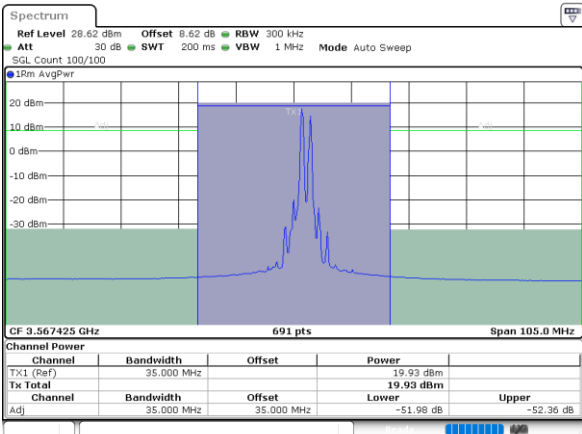


Date: 2,SEP,2021 14:11:37

Date: 2,SEP,2021 15:06:46

Lowest Band Edge / 1RB99 and 1RB0

Middle Band Edge / 1RB99 and 1RB0

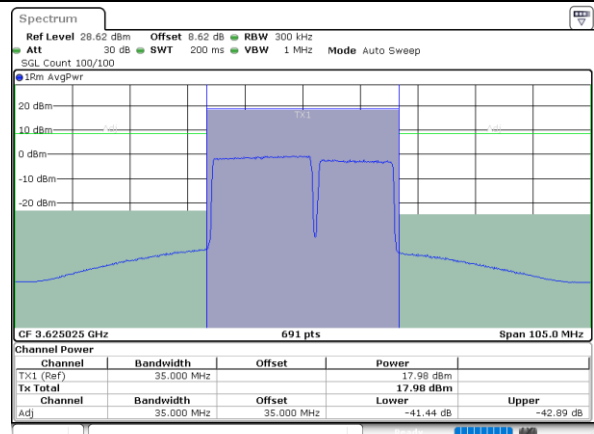
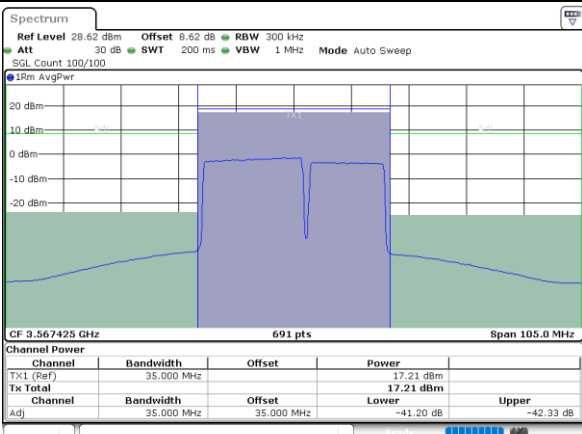


Date: 2,SEP,2021 14:15:33

Date: 2,SEP,2021 15:13:19

Lowest Band Edge / Full RB

Middle Band Edge / Full RB



Date: 2,SEP,2021 13:40:04

Date: 2,SEP,2021 14:20:41

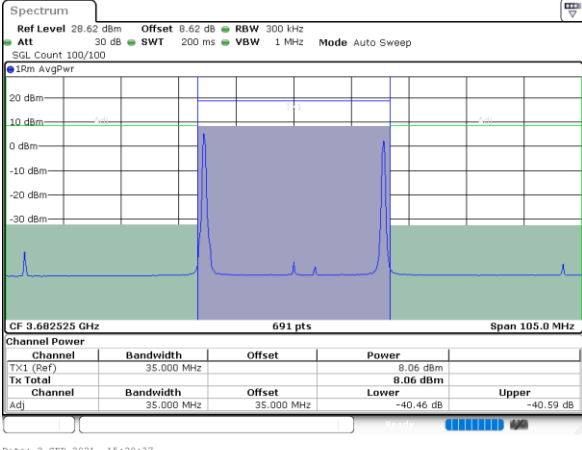


LTE Band 48C / 20MHz+15MHz

64QAM

Highest Band Edge / 1RB0 and 1RB74

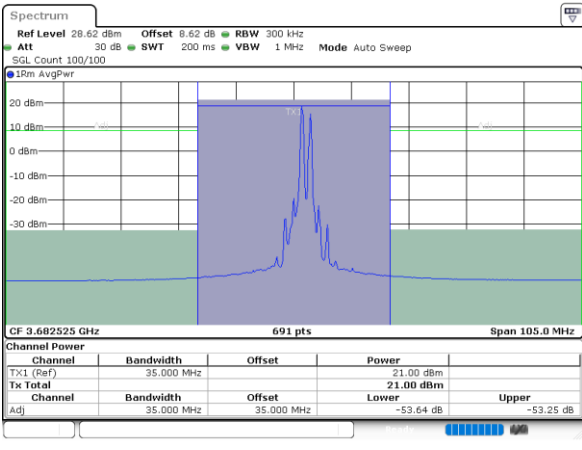
N/A



Date: 2.SEP.2021 15:20:17

Highest Band Edge / 1RB99 and 1RB0

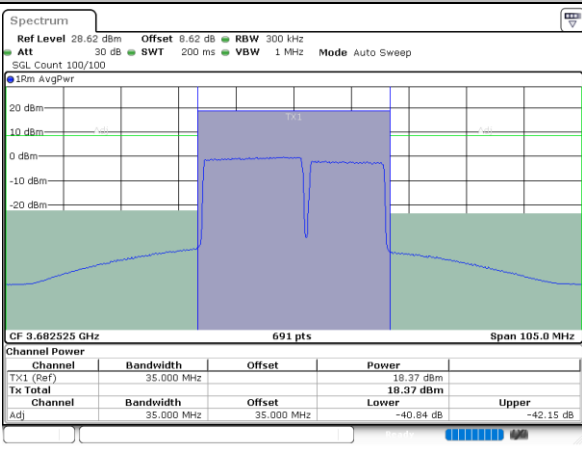
N/A



Date: 2.SEP.2021 15:20:41

Highest Band Edge / Full RB

N/A



Date: 2.SEP.2021 15:17:48

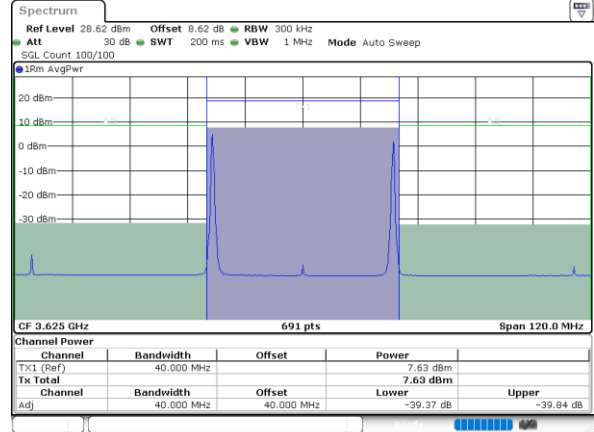
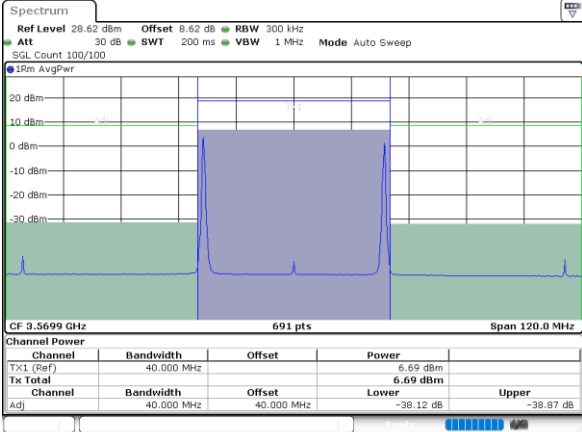


LTE Band 48C / 20MHz+20MHz

64QAM

Lowest Band Edge / 1RB0 and 1RB99

Middle Band Edge / 1RB0 and 1RB99

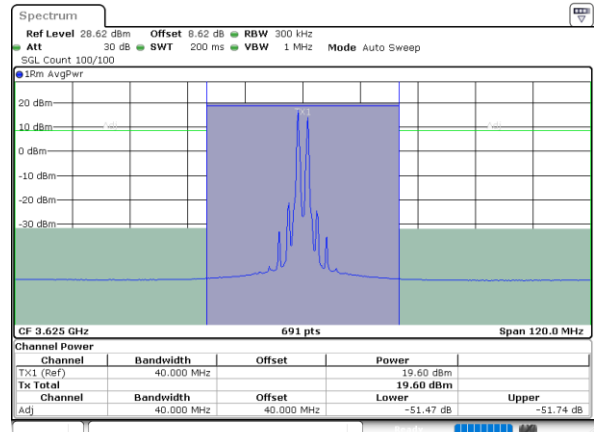
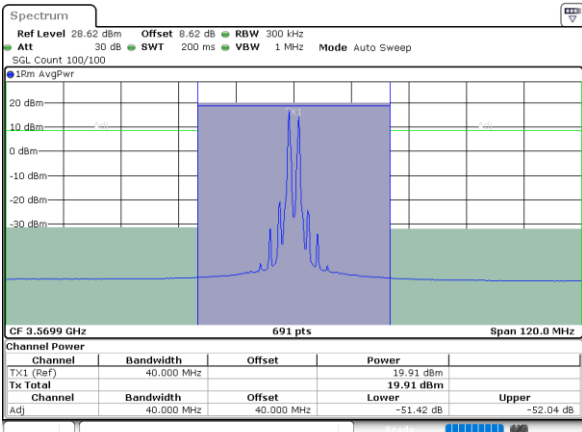


Date: 2.SEP.2021 12:00:51

Date: 2.SEP.2021 11:45:16

Lowest Band Edge / 1RB99 and 1RB0

Middle Band Edge / 1RB99 and 1RB0

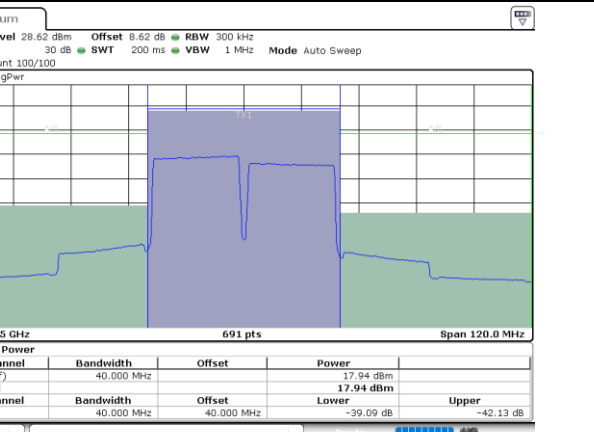
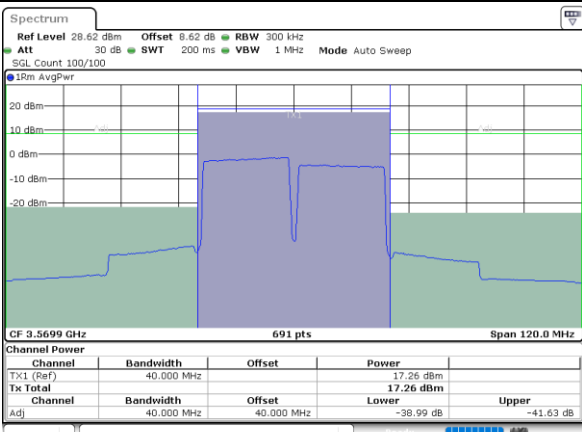


Date: 2.SEP.2021 12:08:18

Date: 2.SEP.2021 11:50:19

Lowest Band Edge / Full RB

Middle Band Edge / Full RB



Date: 2.SEP.2021 11:57:34

Date: 2.SEP.2021 11:38:37

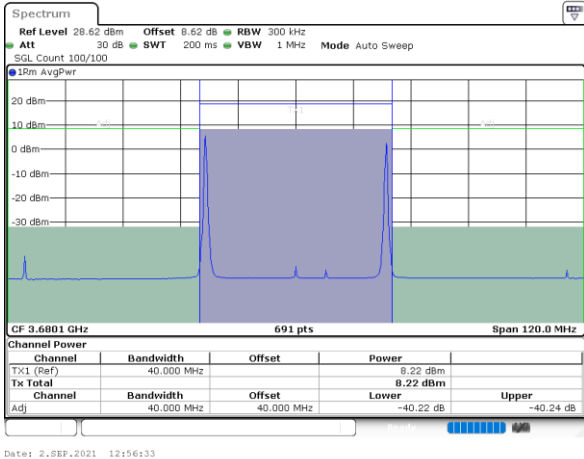


LTE Band 48C / 20MHz+20MHz

64QAM

Highest Band Edge / 1RB0 and 1RB99

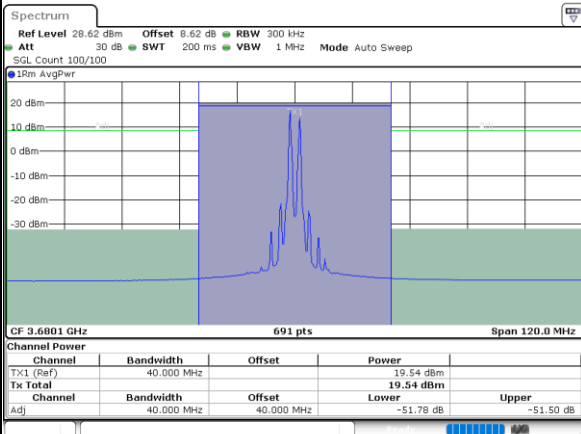
N/A



Date: 2.SEP.2021 12:56:33

Highest Band Edge / 1RB99 and 1RB0

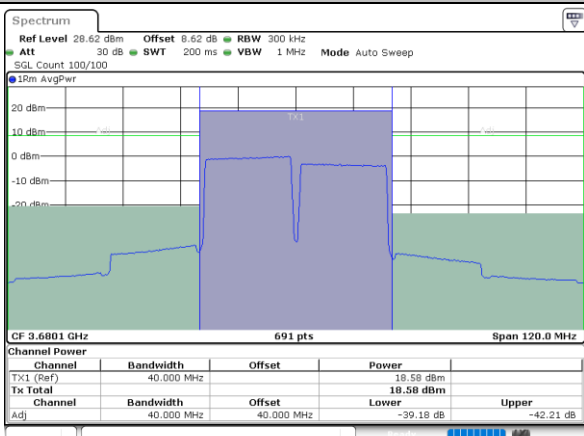
N/A



Date: 2.SEP.2021 13:01:38

Highest Band Edge / Full RB

N/A



Date: 2.SEP.2021 12:53:17

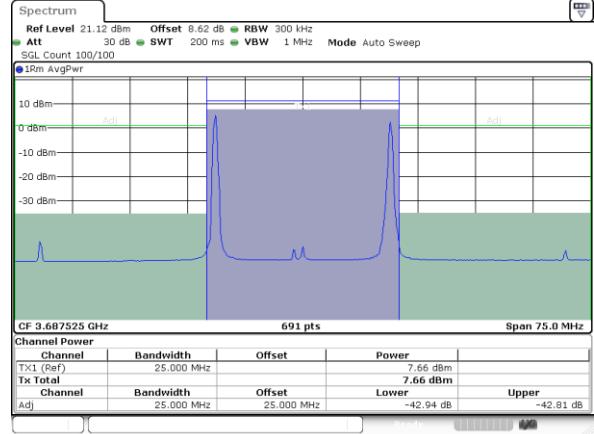
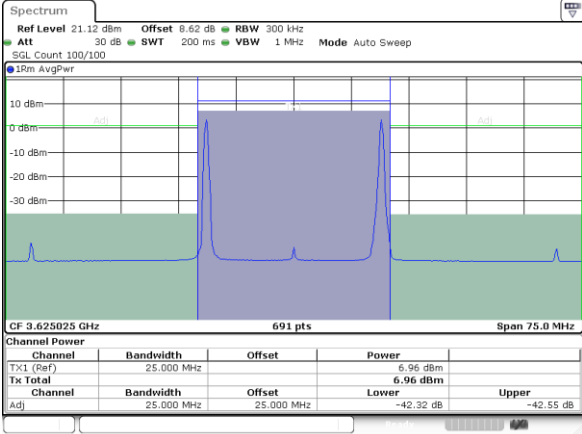


LTE Band 48C / 5MHz+20MHz

256QAM

Lowest Band Edge / 1RB0 and 1RB99

Middle Band Edge / 1RB0 and 1RB99

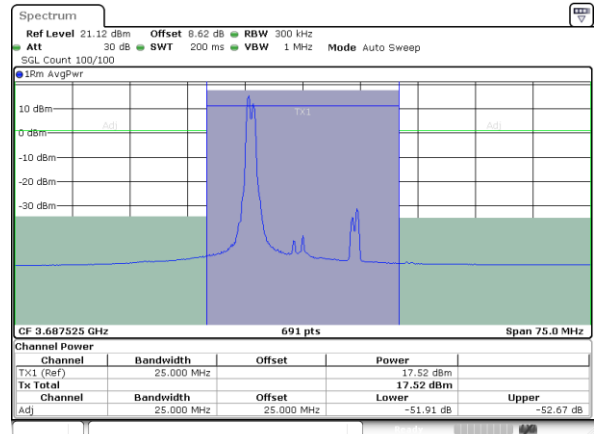
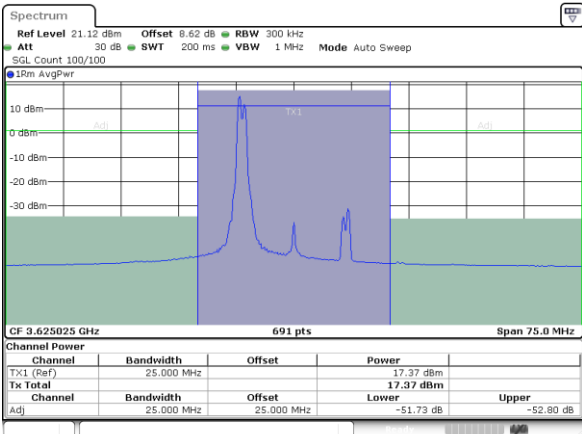


Date: 3_SEP_2021 12:02:55

Date: 3_SEP_2021 13:37:28

Lowest Band Edge / 1RB24 and 1RB0

Middle Band Edge / 1RB24 and 1RB0

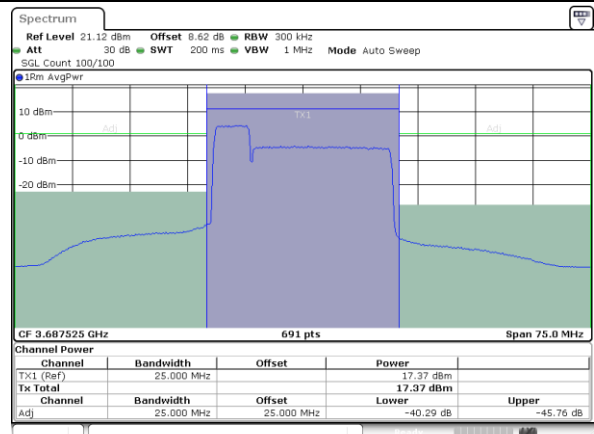


Date: 3_SEP_2021 13:20:40

Date: 3_SEP_2021 13:43:41

Lowest Band Edge / Full RB

Middle Band Edge / Full RB



Date: 3_SEP_2021 11:45:03

Date: 3_SEP_2021 13:36:01

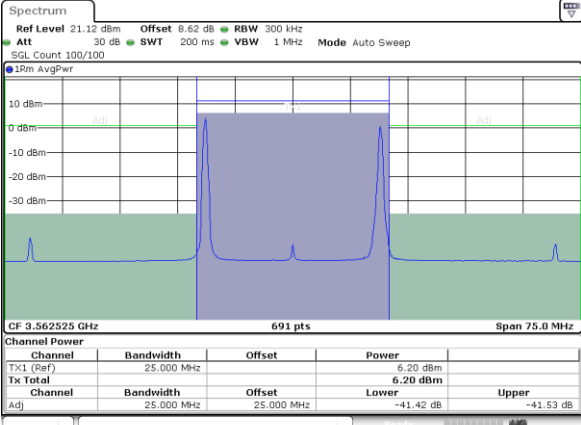


LTE Band 48C / 5MHz+20MHz

256QAM

Highest Band Edge / 1RB0 and 1RB99

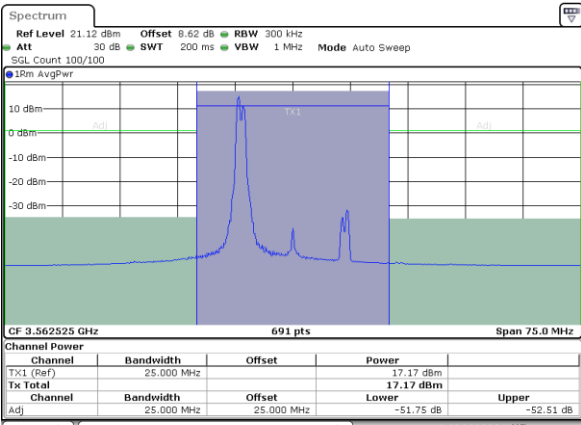
N/A



Date: 3,SEP,2021 13:28:45

Highest Band Edge / 1RB24 and 1RB0

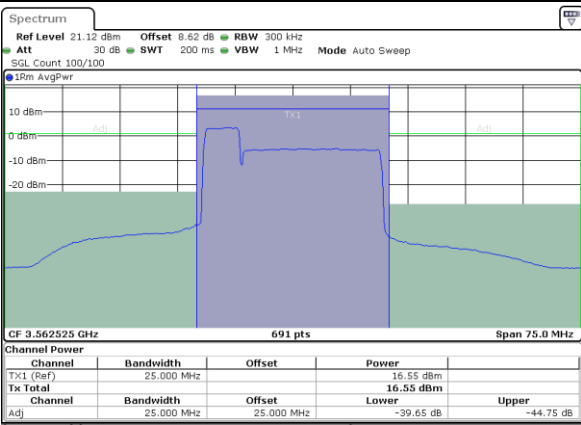
N/A



Date: 3,SEP,2021 13:29:30

Highest Band Edge / Full RB

N/A



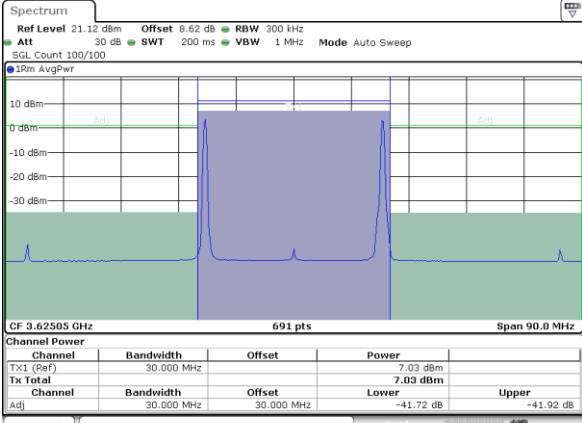
Date: 3,SEP,2021 13:22:01



LTE Band 48C / 10MHz+20MHz

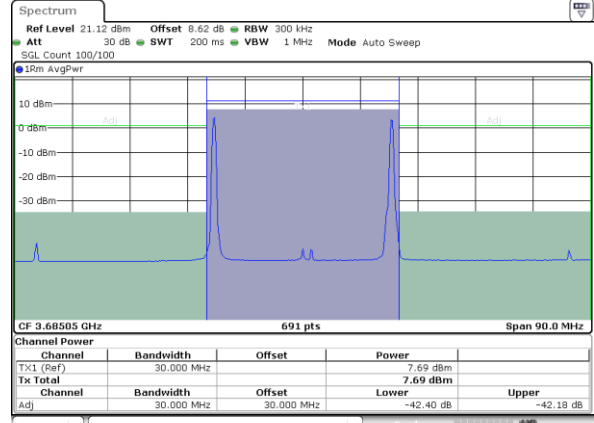
256QAM

Lowest Band Edge / 1RB0 and 1RB99



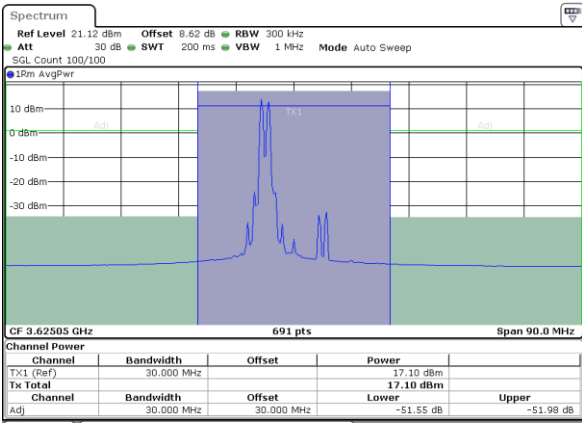
Date: 3.SEP.2021 11:15:57

Middle Band Edge / 1RB0 and 1RB99



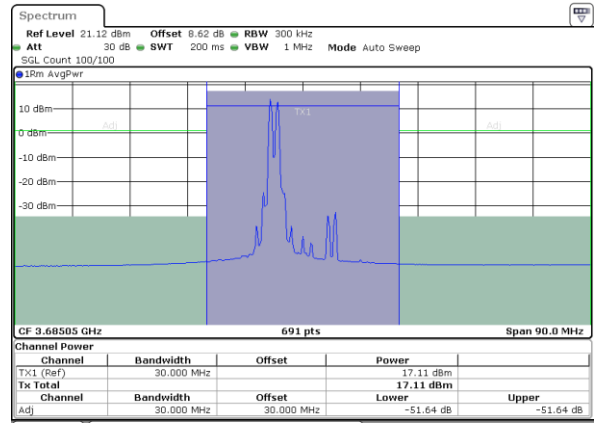
Date: 3.SEP.2021 11:37:33

Lowest Band Edge / 1RB49 and 1RB0



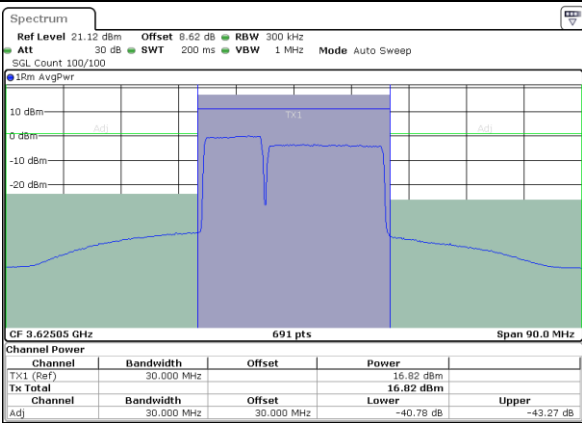
Date: 3.SEP.2021 11:22:03

Middle Band Edge / 1RB49 and 1RB0



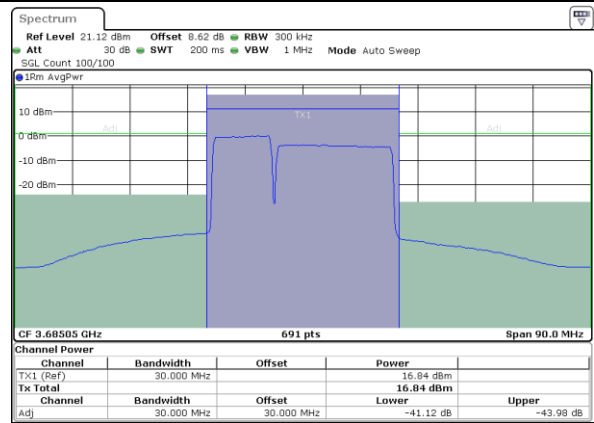
Date: 3.SEP.2021 11:42:55

Lowest Band Edge / Full RB



Date: 3.SEP.2021 11:15:09

Middle Band Edge / Full RB



Date: 3.SEP.2021 11:36:44

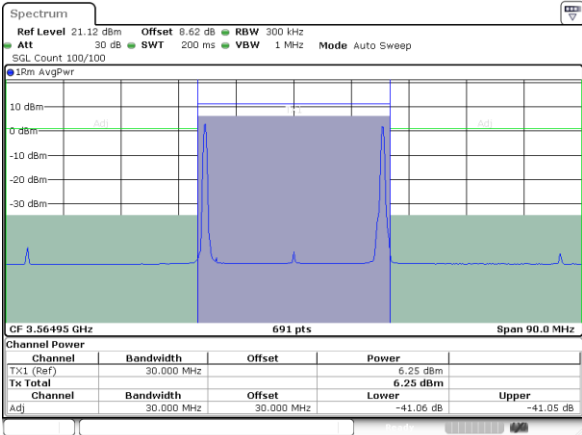


LTE Band 48C / 10MHz+20MHz

256QAM

Highest Band Edge / 1RB0 and 1RB99

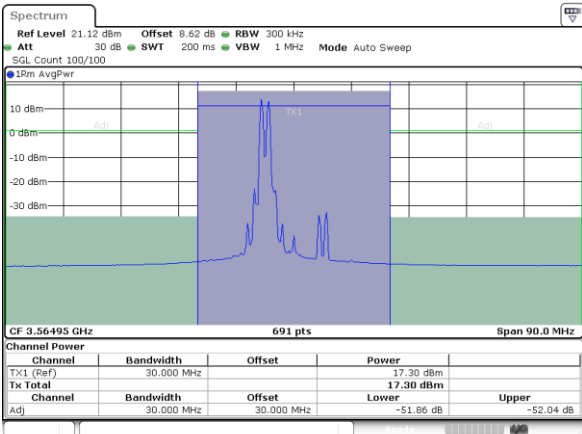
N/A



Date: 3.SEP.2021 11:29:06

Highest Band Edge / 1RB49 and 1RB0

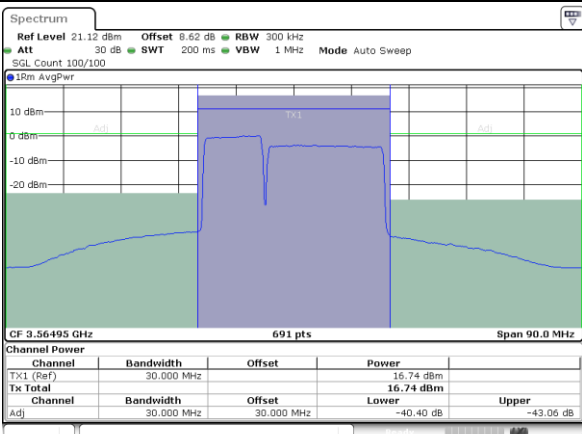
N/A



Date: 3.SEP.2021 11:30:29

Highest Band Edge / Full RB

N/A



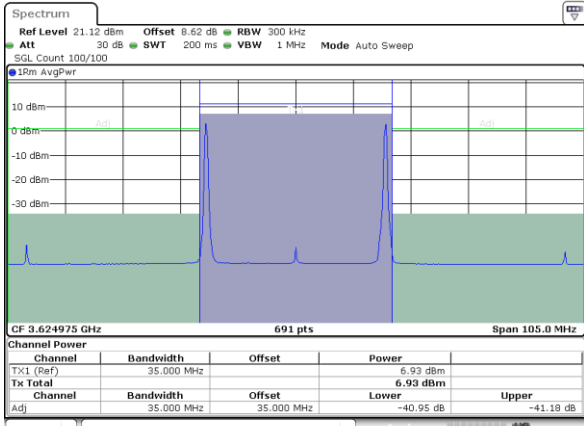
Date: 3.SEP.2021 11:23:34



LTE Band 48C / 15MHz+20MHz

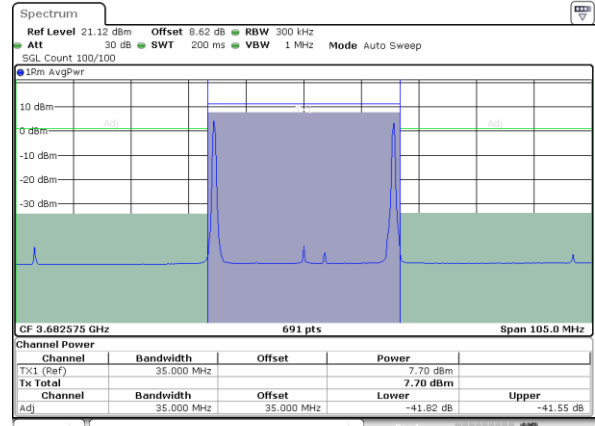
256QAM

Lowest Band Edge / 1RB0 and 1RB99



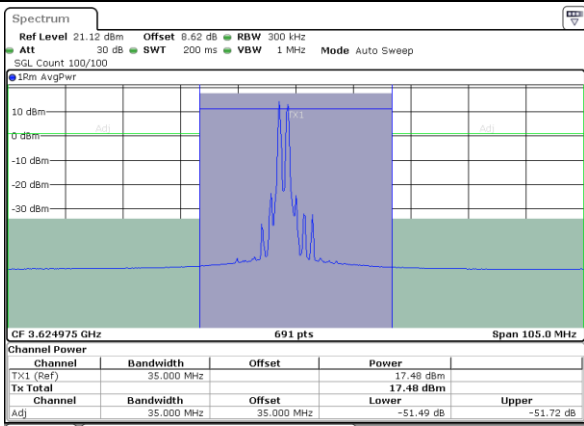
Date: 3.SEP.2021 10:43:40

Middle Band Edge / 1RB0 and 1RB99



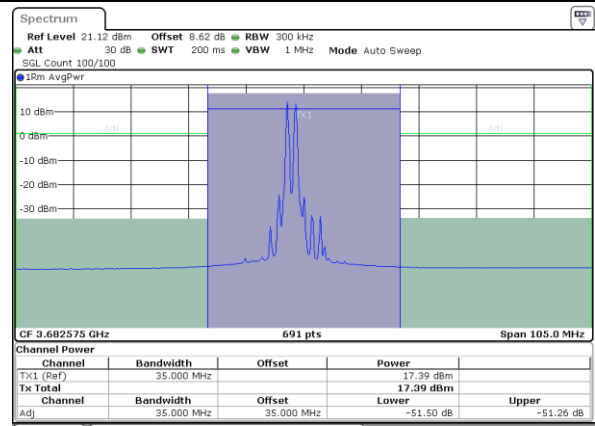
Date: 3.SEP.2021 11:05:17

Lowest Band Edge / 1RB74 and 1RB0



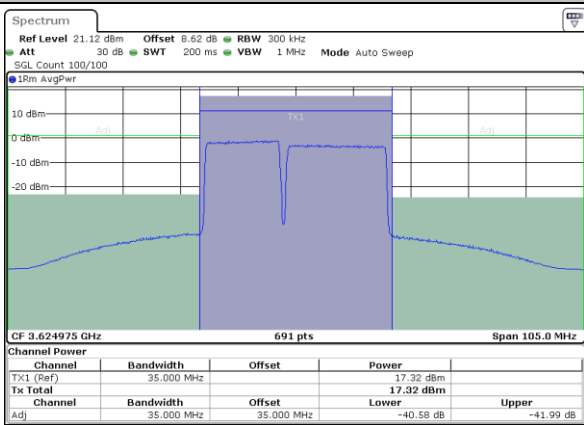
Date: 3.SEP.2021 10:49:03

Middle Band Edge / 1RB74 and 1RB0



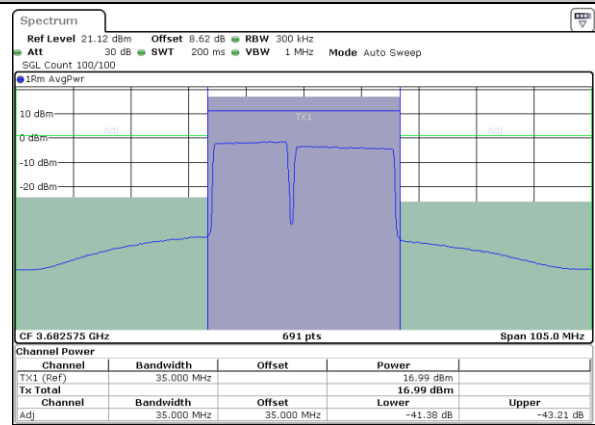
Date: 3.SEP.2021 11:11:03

Lowest Band Edge / Full RB



Date: 3.SEP.2021 10:42:47

Middle Band Edge / Full RB



Date: 3.SEP.2021 11:04:21

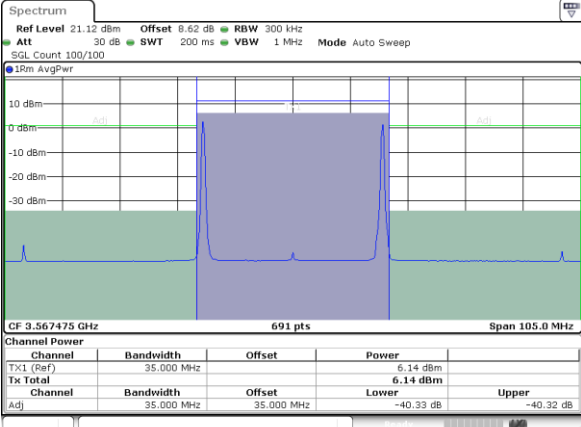


LTE Band 48C / 15MHz+20MHz

256QAM

Highest Band Edge / 1RB0 and 1RB99

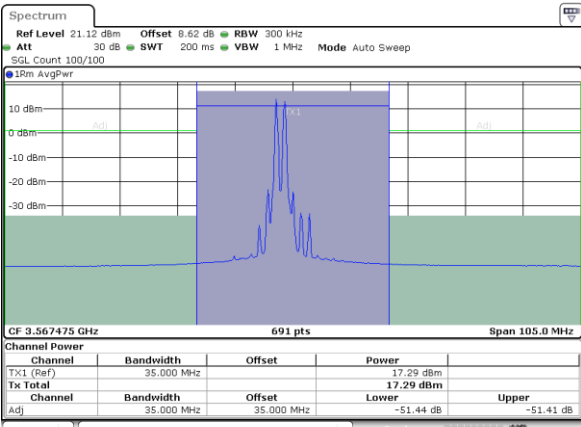
N/A



Date: 3.SEP.2021 10:55:53

Highest Band Edge / 1RB74 and 1RB0

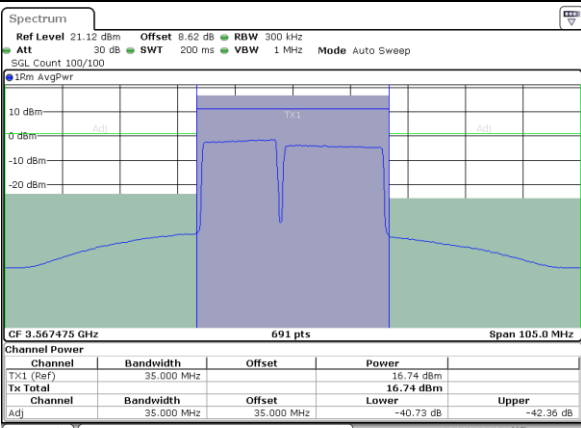
N/A



Date: 3.SEP.2021 10:56:43

Highest Band Edge / Full RB

N/A



Date: 3.SEP.2021 10:50:23

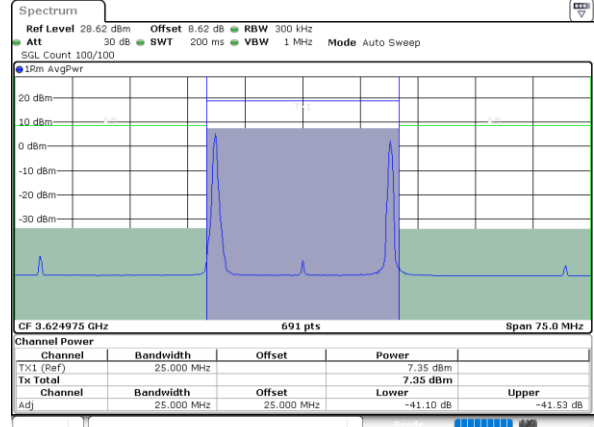
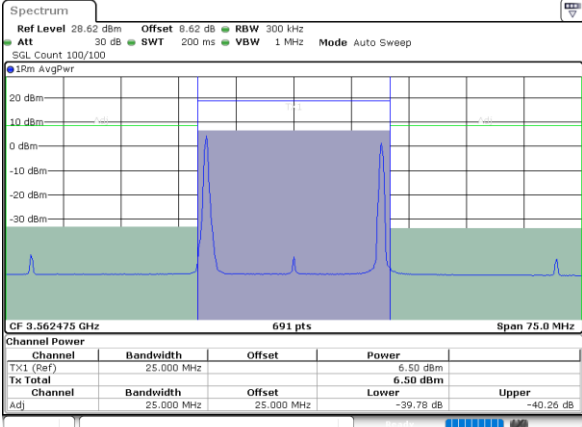


LTE Band 48C/ 20MHz+5MHz

256QAM

Lowest Band Edge / 1RB0 and 1RB24

Middle Band Edge / 1RB0 and 1RB24

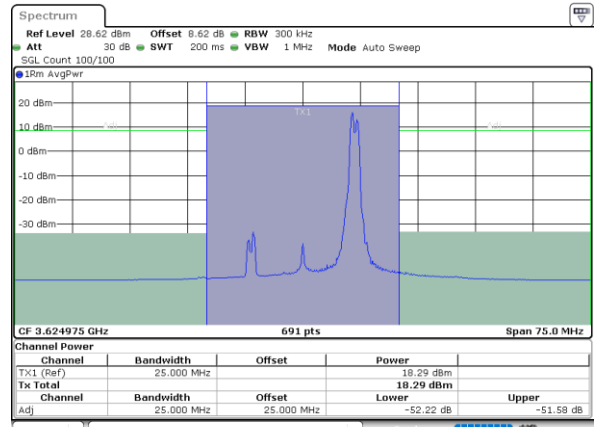
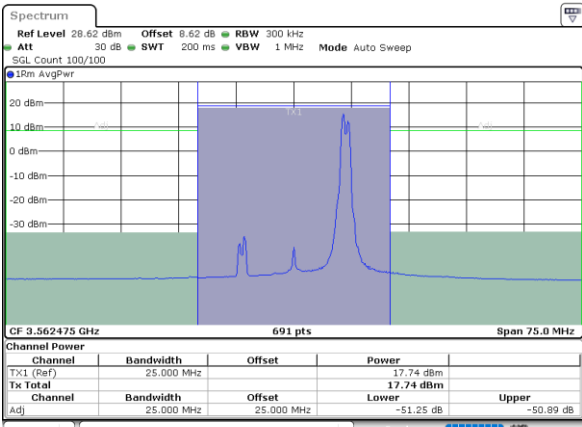


Date: 2,SEP,2021 16:11:23

Date: 2,SEP,2021 16:20:40

Lowest Band Edge / 1RB99 and 1RB0

Middle Band Edge / 1RB99 and 1RB0

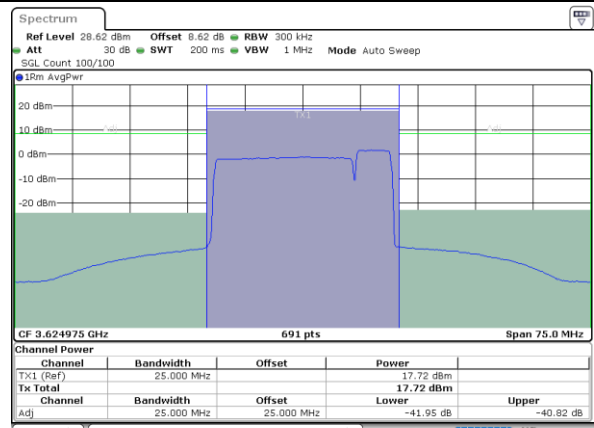
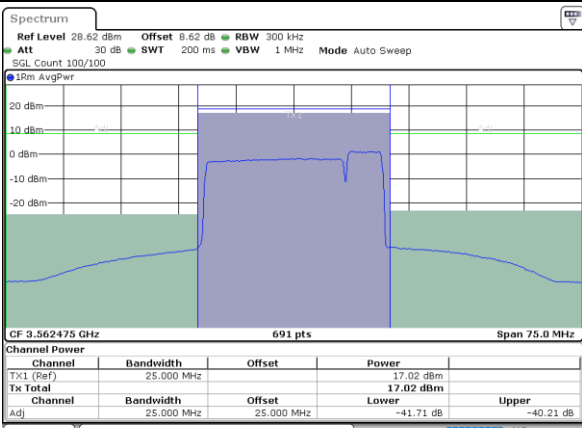


Date: 2,SEP,2021 16:12:09

Date: 2,SEP,2021 16:26:20

Lowest Band Edge / Full RB

Middle Band Edge / Full RB



Date: 2,SEP,2021 16:05:39

Date: 2,SEP,2021 16:19:43

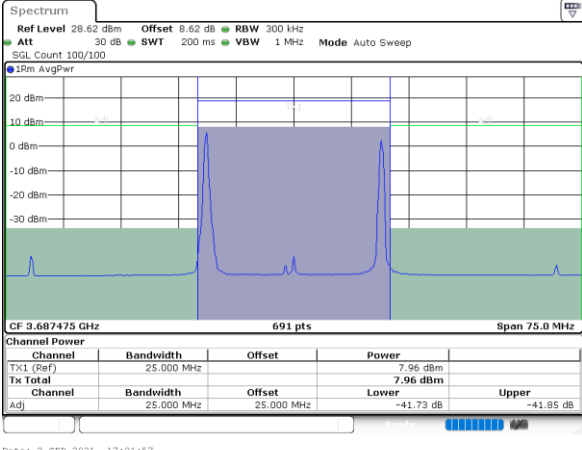


LTE Band 48C / 20MHz+5MHz

256QAM

Highest Band Edge / 1RB0 and 1RB24

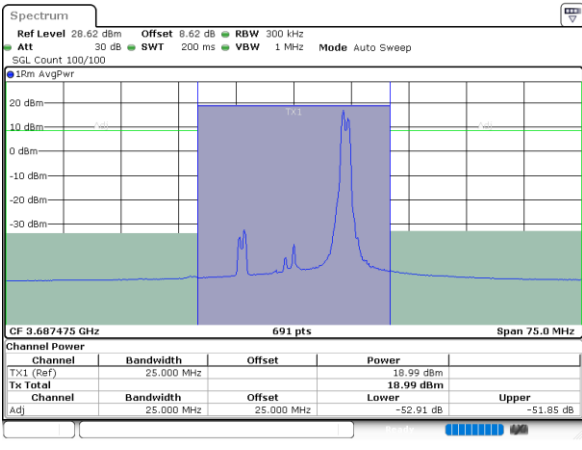
N/A



Date: 2.SEP.2021 17:01:57

Highest Band Edge / 1RB99 and 1RB0

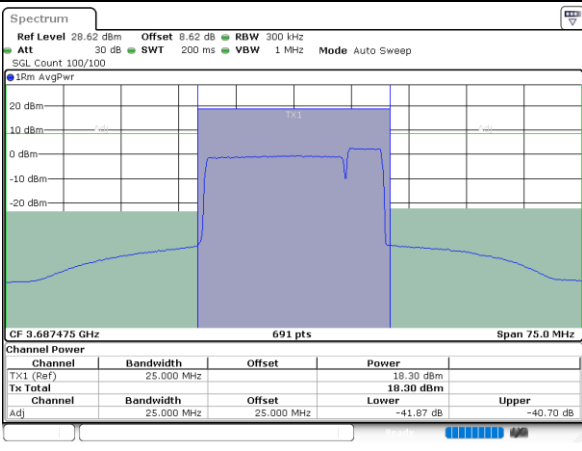
N/A



Date: 2.SEP.2021 17:40:38

Highest Band Edge / Full RB

N/A



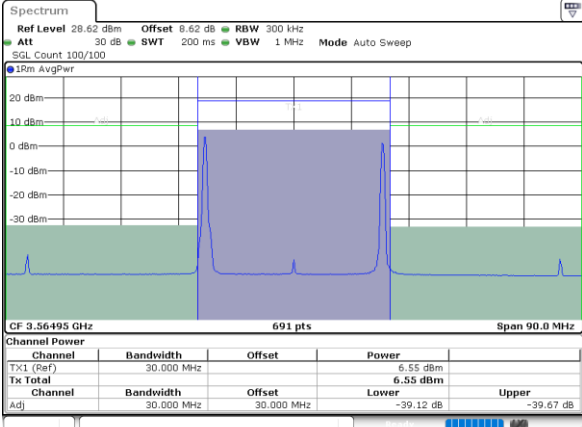
Date: 2.SEP.2021 17:01:06



LTE Band 48C / 20MHz+10MHz

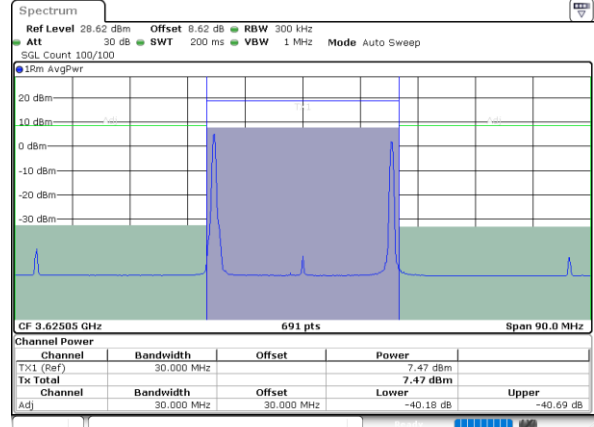
256QAM

Lowest Band Edge / 1RB0 and 1RB49



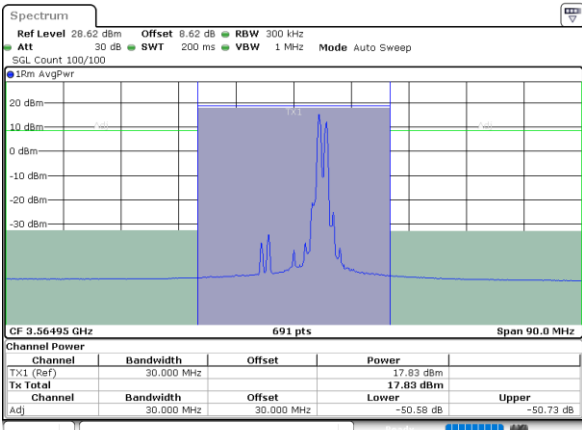
Date: 2.SEP.2021 15:33:19

Middle Band Edge / 1RB0 and 1RB49



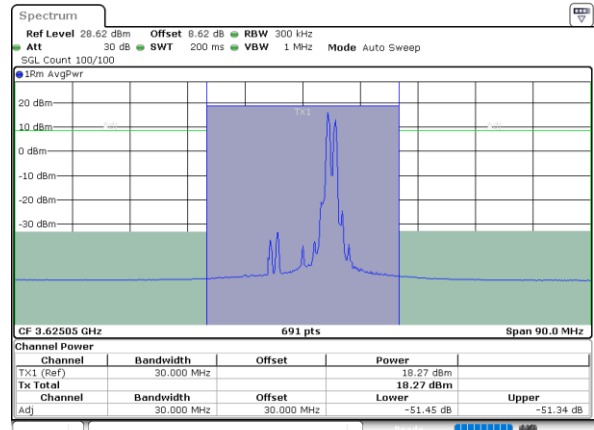
Date: 2.SEP.2021 15:47:12

Lowest Band Edge / 1RB99 and 1RB0



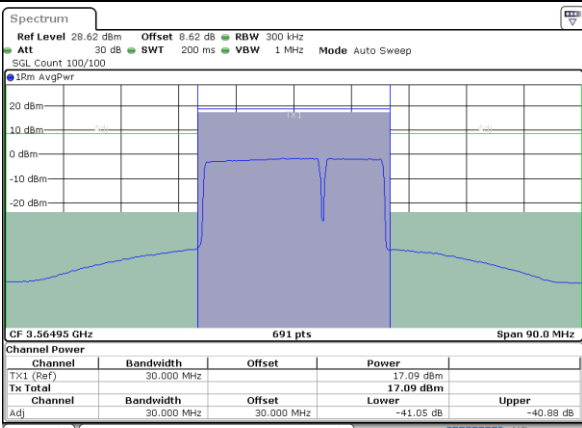
Date: 2.SEP.2021 15:39:26

Middle Band Edge / 1RB99 and 1RB0



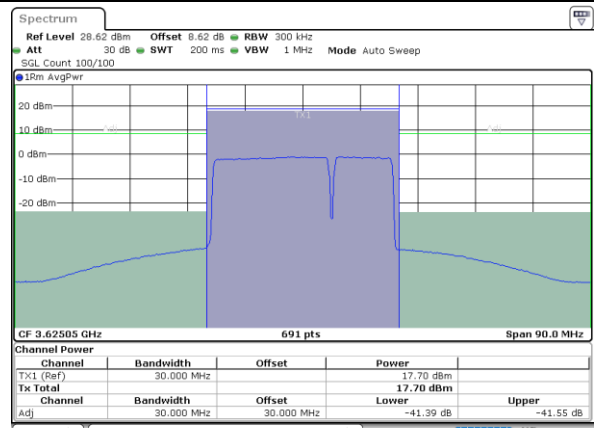
Date: 2.SEP.2021 15:48:33

Lowest Band Edge / Full RB



Date: 2.SEP.2021 15:32:08

Middle Band Edge / Full RB



Date: 2.SEP.2021 15:40:48

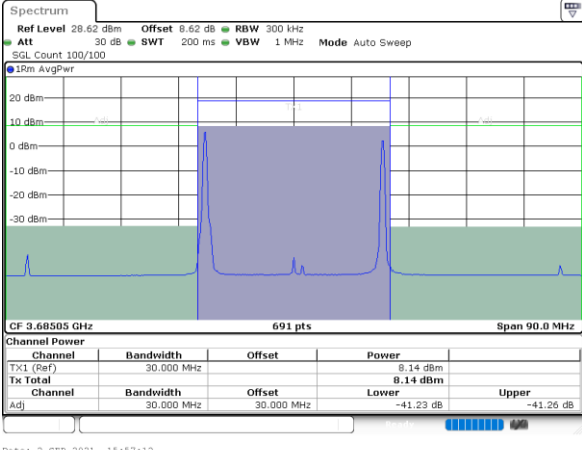


LTE Band 48C / 20MHz+10MHz

256QAM

Highest Band Edge / 1RB0 and 1RB49

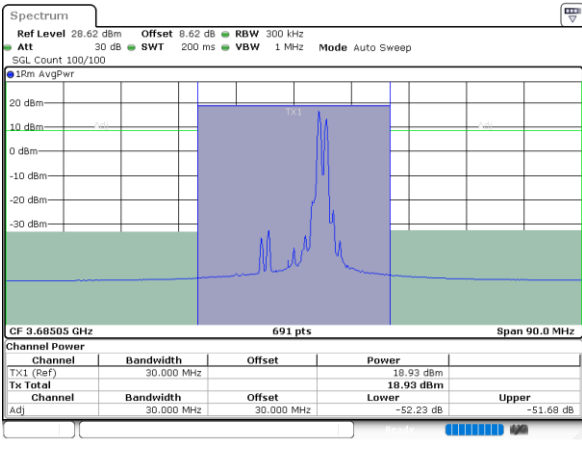
N/A



Date: 2.SEP.2021 15:57:12

Highest Band Edge / 1RB99 and 1RB0

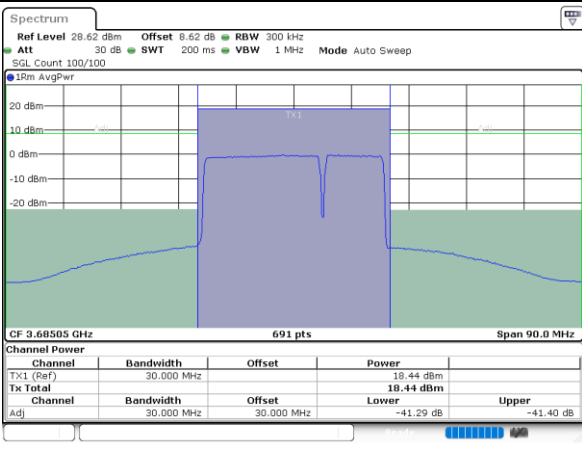
N/A



Date: 2.SEP.2021 16:03:43

Highest Band Edge / Full RB

N/A



Date: 2.SEP.2021 15:56:10

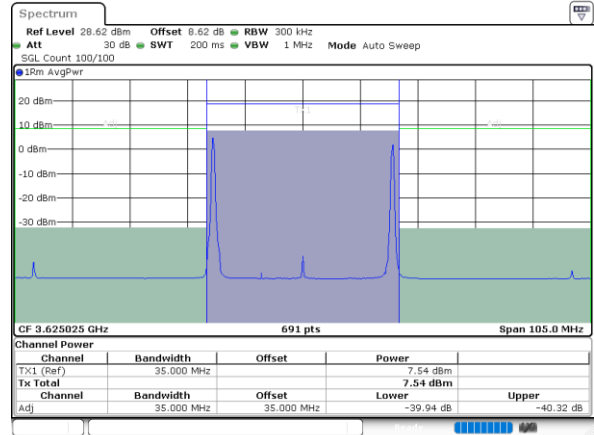
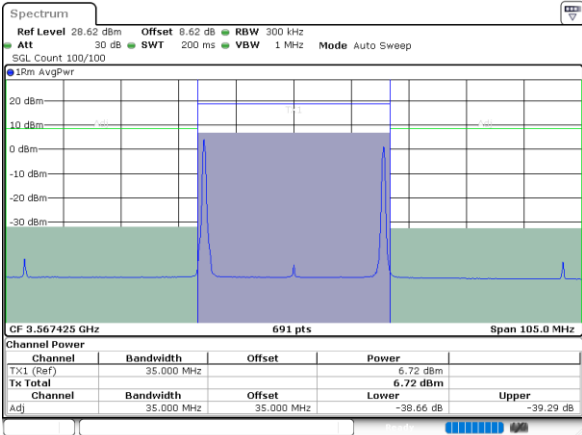


LTE Band 48C / 20MHz+15MHz

256QAM

Lowest Band Edge / 1RB0 and 1RB74

Middle Band Edge / 1RB0 and 1RB74

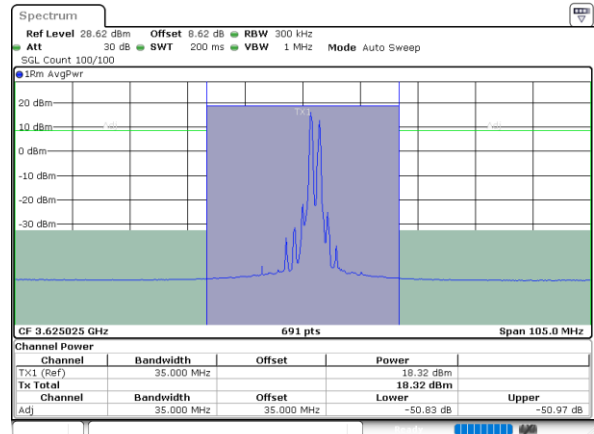
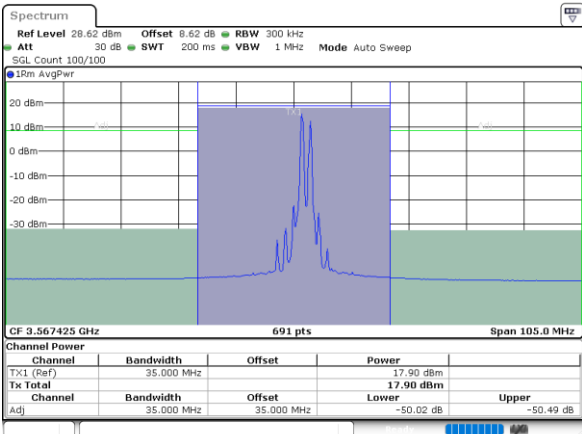


Date: 2,SEP,2021 14:12:26

Date: 2,SEP,2021 15:04:59

Lowest Band Edge / 1RB99 and 1RB0

Middle Band Edge / 1RB99 and 1RB0

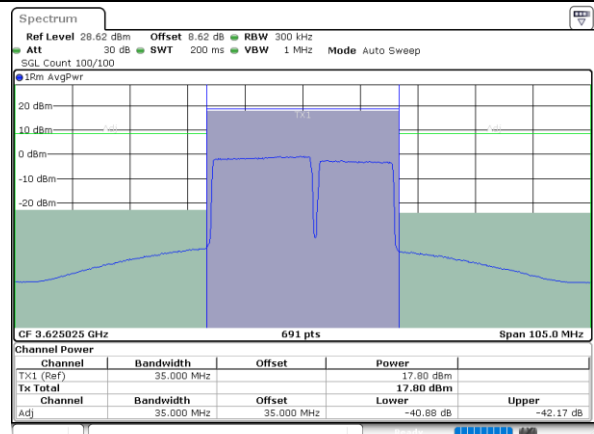
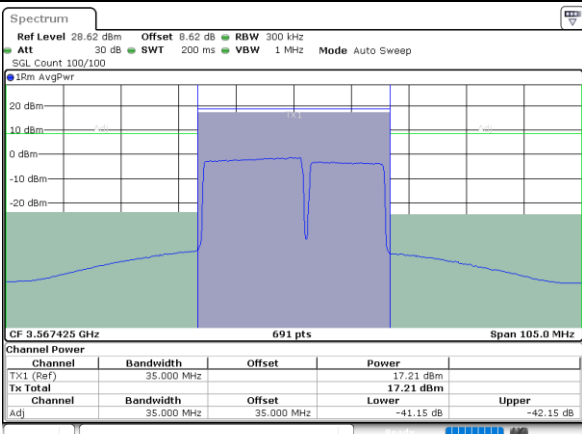


Date: 2,SEP,2021 14:13:26

Date: 2,SEP,2021 15:14:22

Lowest Band Edge / Full RB

Middle Band Edge / Full RB



Date: 2,SEP,2021 13:40:54

Date: 2,SEP,2021 15:03:59

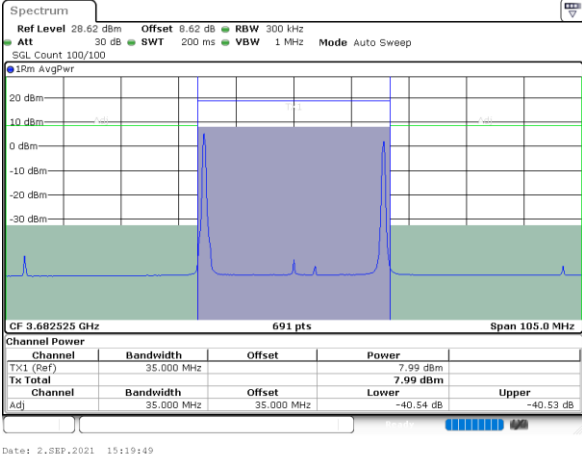


LTE Band 48C / 20MHz+15MHz

256QAM

Highest Band Edge / 1RB0 and 1RB74

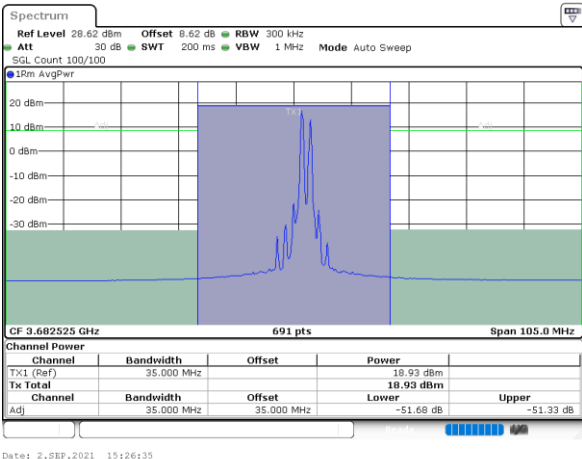
N/A



Date: 2.SEP.2021 15:19:49

Highest Band Edge / 1RB99 and 1RB0

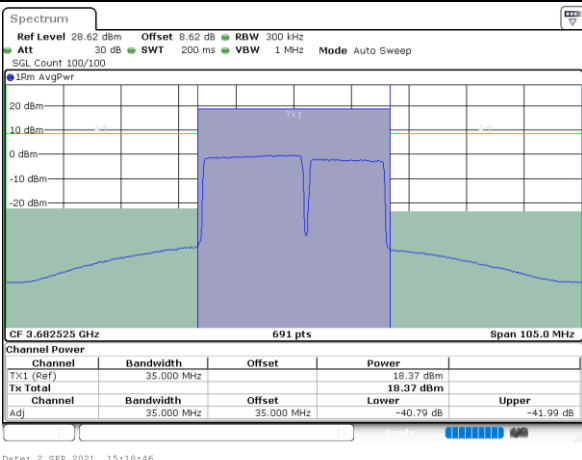
N/A



Date: 2.SEP.2021 15:26:35

Highest Band Edge / Full RB

N/A



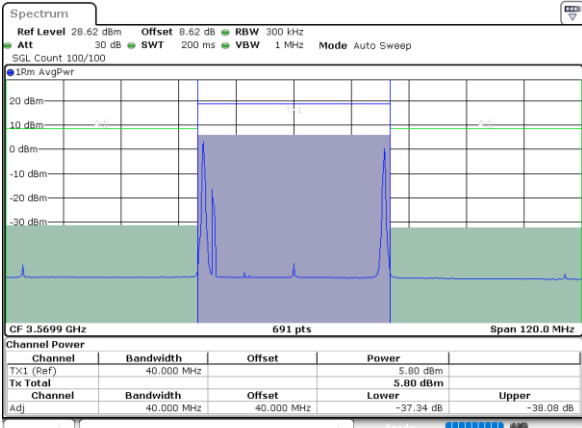
Date: 2.SEP.2021 15:18:46



LTE Band 48C / 20MHz+20MHz

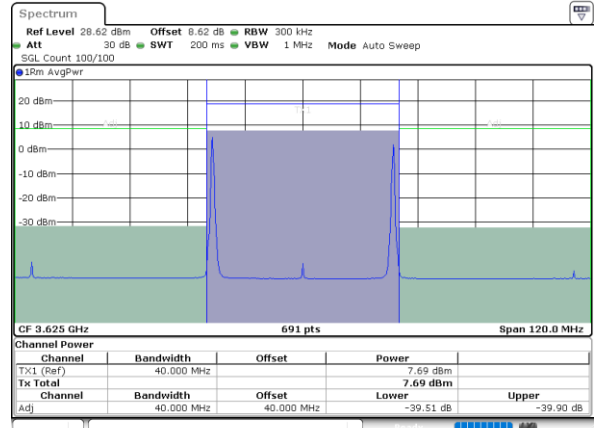
256QAM

Lowest Band Edge / 1RB0 and 1RB99



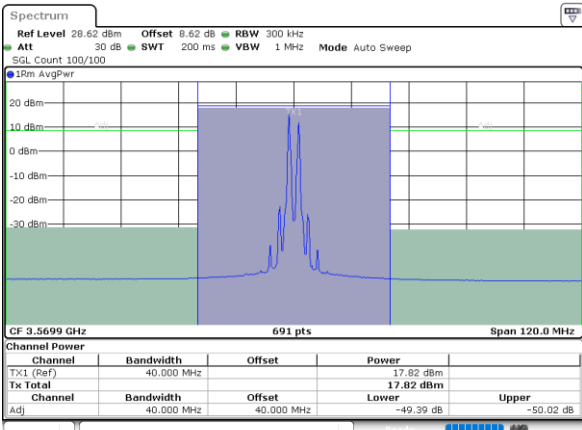
Date: 2.SEP.2021 11:59:43

Middle Band Edge / 1RB0 and 1RB99



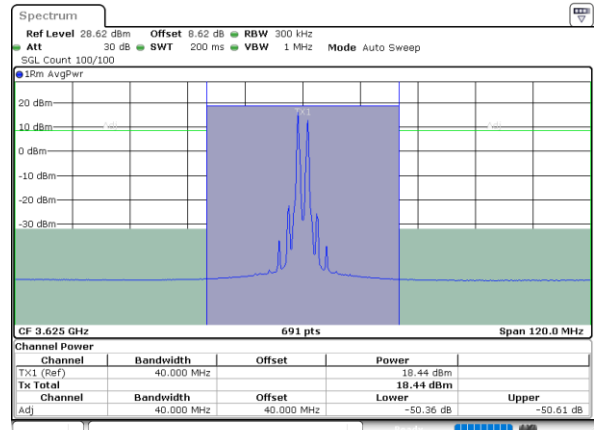
Date: 2.SEP.2021 11:46:27

Lowest Band Edge / 1RB99 and 1RB0



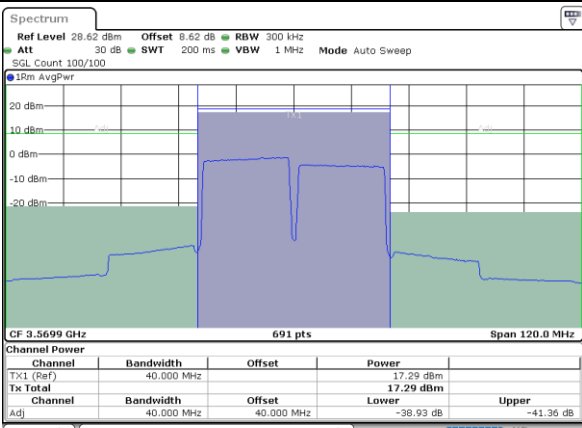
Date: 2.SEP.2021 12:48:08

Middle Band Edge / 1RB99 and 1RB0



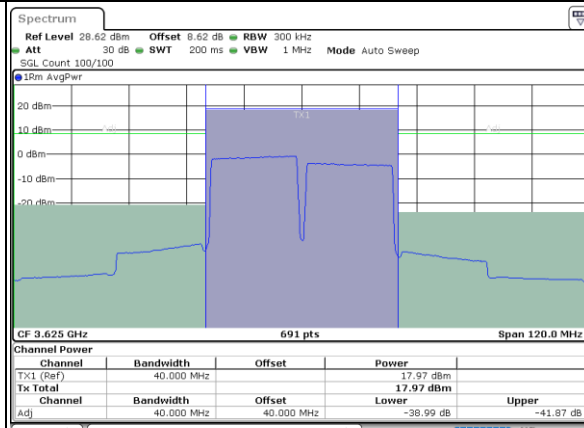
Date: 2.SEP.2021 11:51:14

Lowest Band Edge / Full RB



Date: 2.SEP.2021 11:58:36

Middle Band Edge / Full RB



Date: 2.SEP.2021 11:40:14

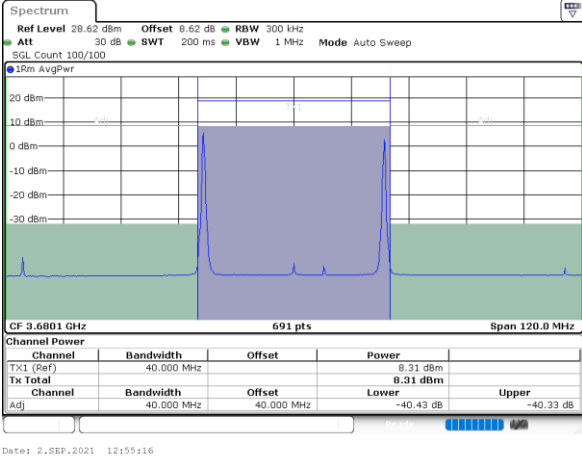


LTE Band 48C / 20MHz+20MHz

256QAM

Highest Band Edge / 1RB0 and 1RB99

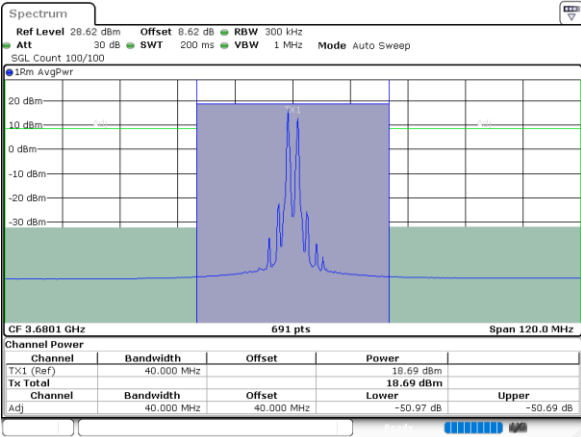
N/A



Date: 2.SEP.2021 12:55:16

Highest Band Edge / 1RB99 and 1RB0

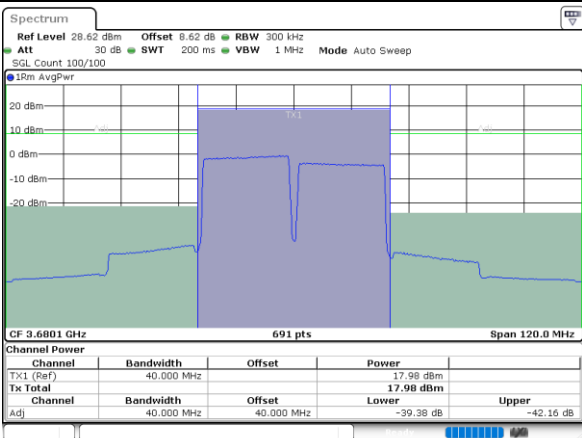
N/A



Date: 2.SEP.2021 13:02:26

Highest Band Edge / Full RB

N/A



Date: 2.SEP.2021 12:54:11



Appendix B. Test Results of Radiated Test

Radiated Spurious Emission

For Ant. 4:

| LTE Band 48 / 20MHz / QPSK | | | | | | | | |
|----------------------------|-------------------|--------------|---------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Over Limit (dB) | S.G. Power (dBm) | TX Cable loss (dB) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Middle | 7230 | -51.88 | -40 | -11.88 | -63.34 | 2.84 | 14.30 | H |
| | 10848 | -58.82 | -40 | -18.82 | -68.76 | 3.49 | 13.43 | H |
| | 14466 | -58.66 | -40 | -18.66 | -68.90 | 3.85 | 14.09 | H |
| | 7230 | -48.76 | -40 | -8.76 | -60.22 | 2.84 | 14.30 | V |
| | 10848 | -58.26 | -40 | -18.26 | -68.20 | 3.49 | 13.43 | V |
| | 14466 | -55.56 | -40 | -15.56 | -65.80 | 3.85 | 14.09 | V |

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

| LTE Band 48C_CA / 20MHz+20MHz / QPSK | | | | | | | | |
|--------------------------------------|-------------------|--------------|---------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Over Limit (dB) | S.G. Power (dBm) | TX Cable loss (dB) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Middle | 7212 | -52.84 | -40 | -12.84 | -64.30 | 2.84 | 14.30 | H |
| | 10818 | -58.60 | -40 | -18.60 | -68.54 | 3.49 | 13.43 | H |
| | 14466 | -58.54 | -40 | -18.54 | -68.78 | 3.85 | 14.09 | H |
| | 7212 | -56.04 | -40 | -16.04 | -67.50 | 2.84 | 14.30 | V |
| | 10818 | -58.39 | -40 | -18.39 | -68.33 | 3.49 | 13.43 | V |
| | 14466 | -58.45 | -40 | -18.45 | -68.69 | 3.85 | 14.09 | V |

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.