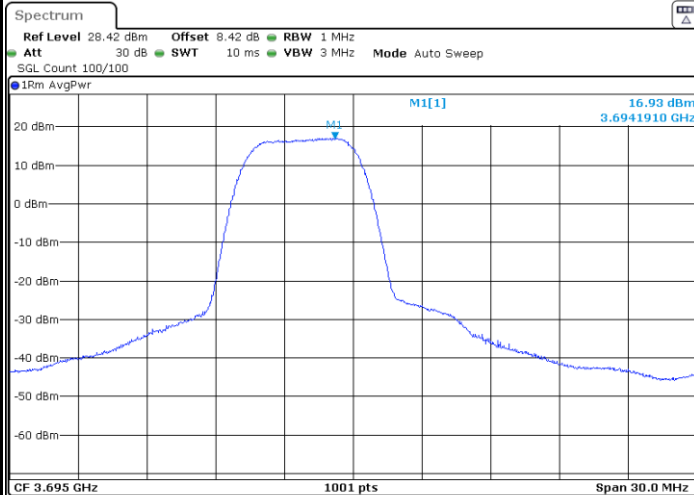


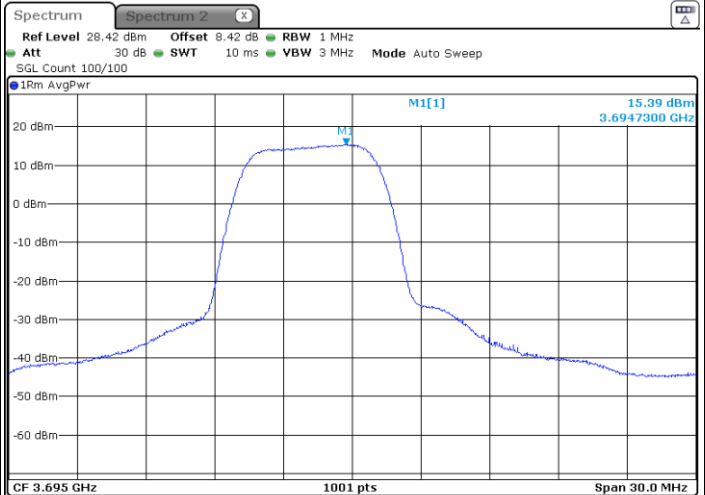


## Highest Channel / 25RB0



Date: 16.OCT.2024 11:23:55

## Highest Channel / 30RB0

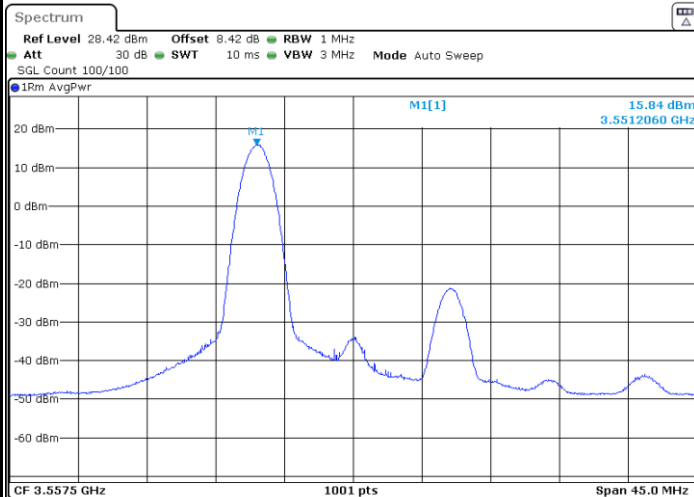


Date: 17.OCT.2024 11:27:46

## LTE Band 48 / 15MHz

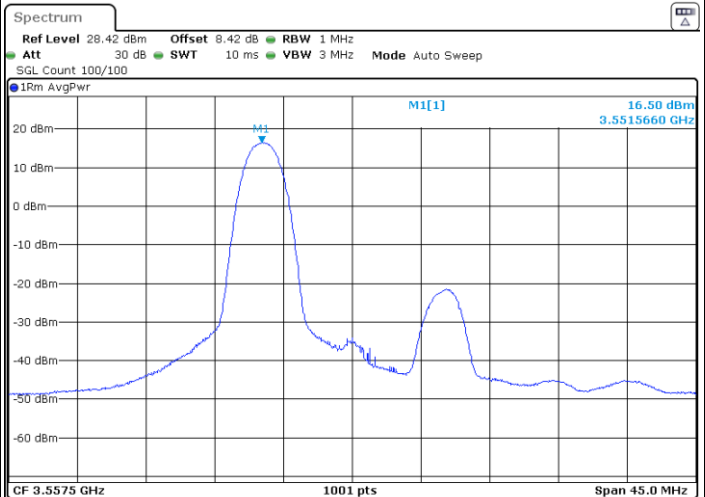
## QPSK

## Lowest Channel / 5RB0

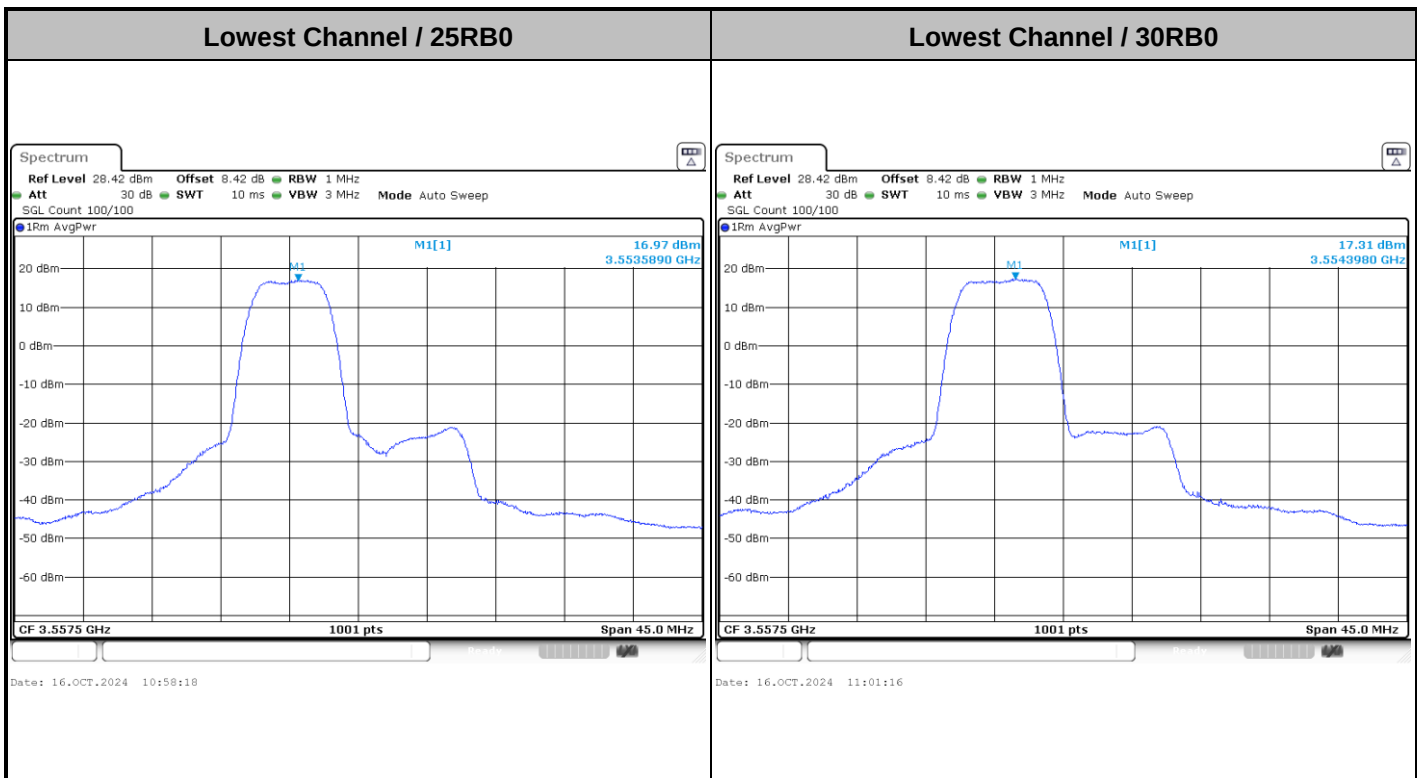
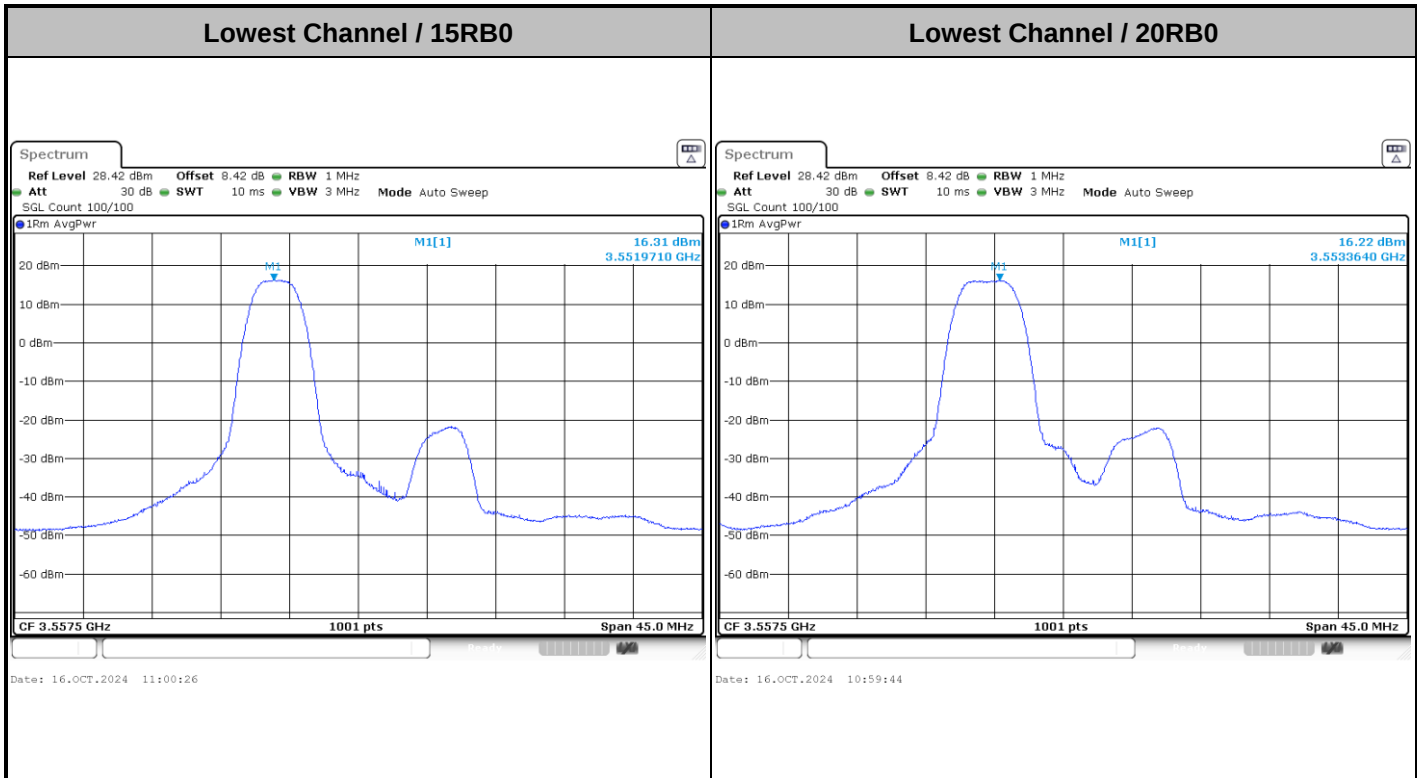


Date: 16.OCT.2024 10:53:13

## Lowest Channel / 10RB0



Date: 16.OCT.2024 10:54:14



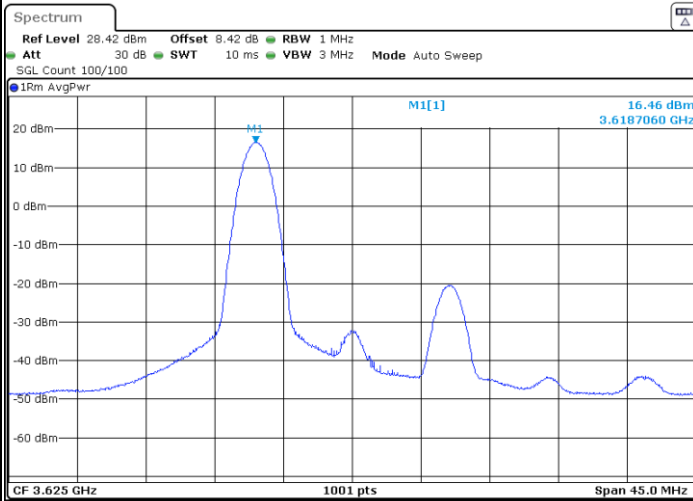


LTE Band 48 / 15MHz

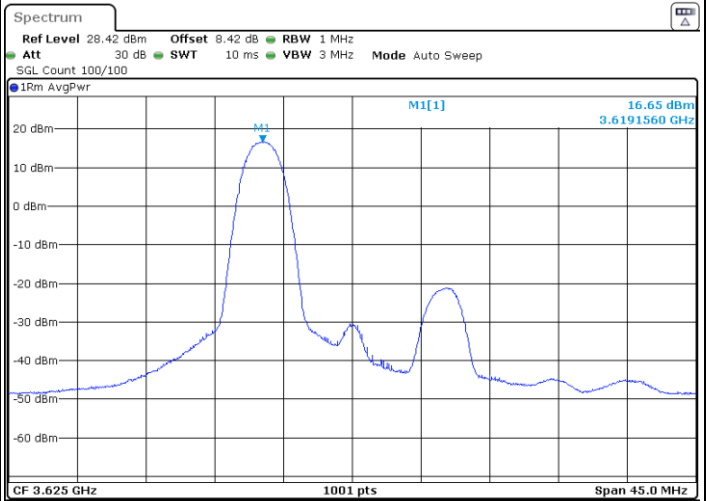
QPSK

Middle Channel / 5RB0

Middle Channel / 10RB0



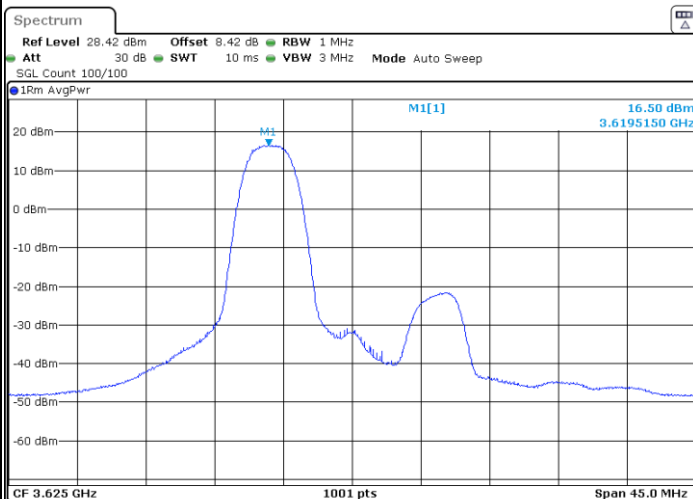
Date: 16.OCT.2024 10:49:40



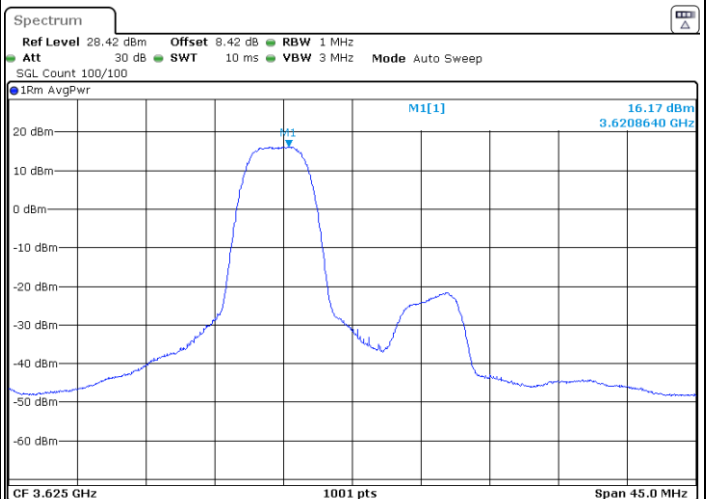
Date: 16.OCT.2024 10:48:36

Middle Channel / 15RB0

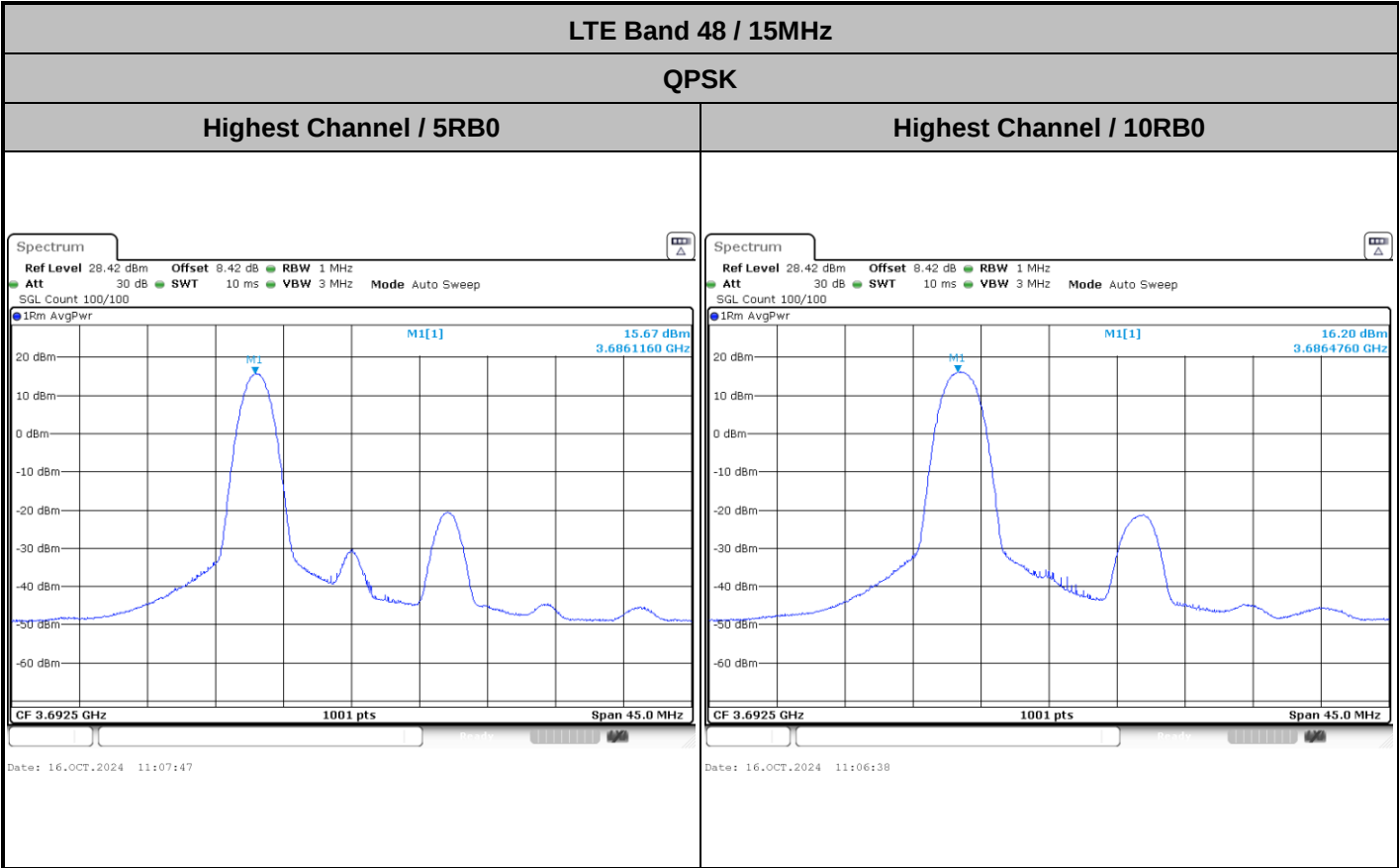
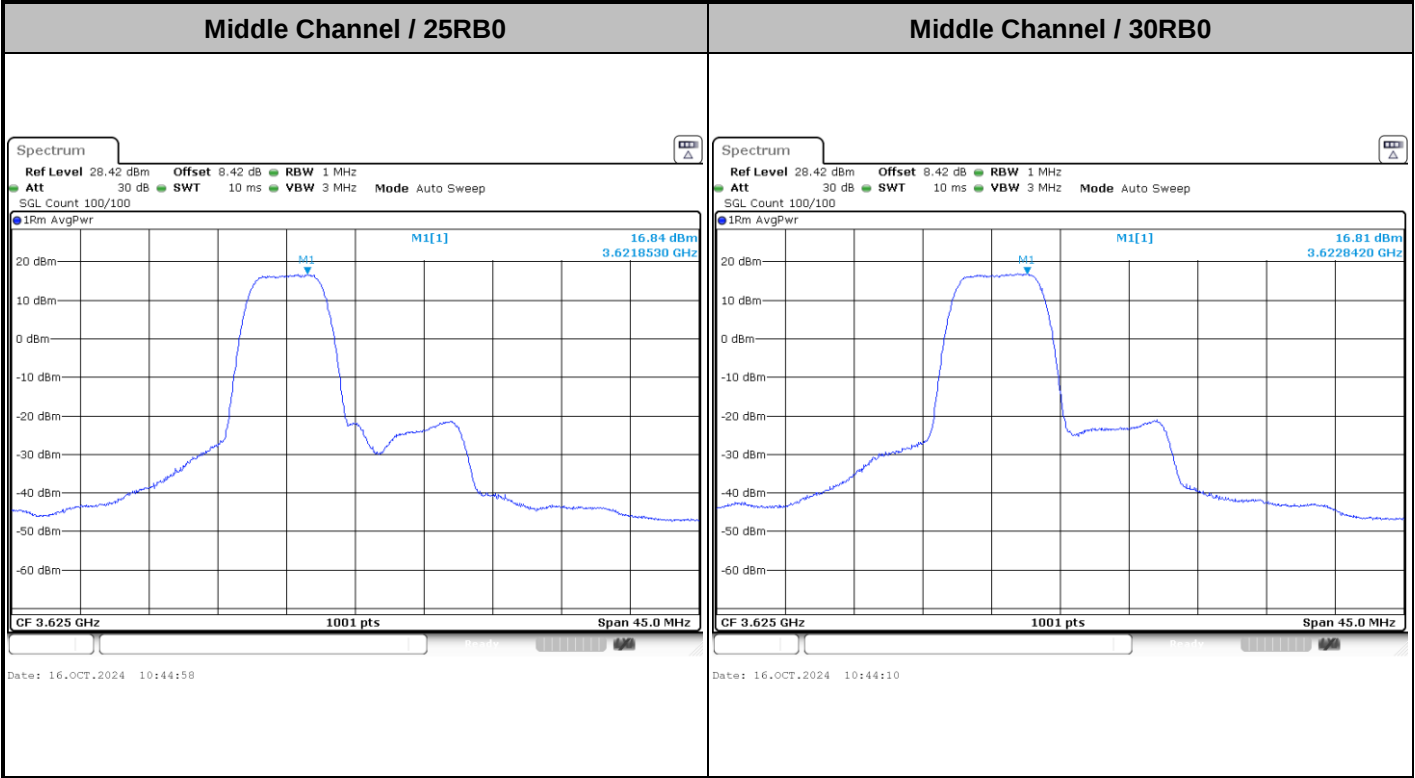
Middle Channel / 20RB0

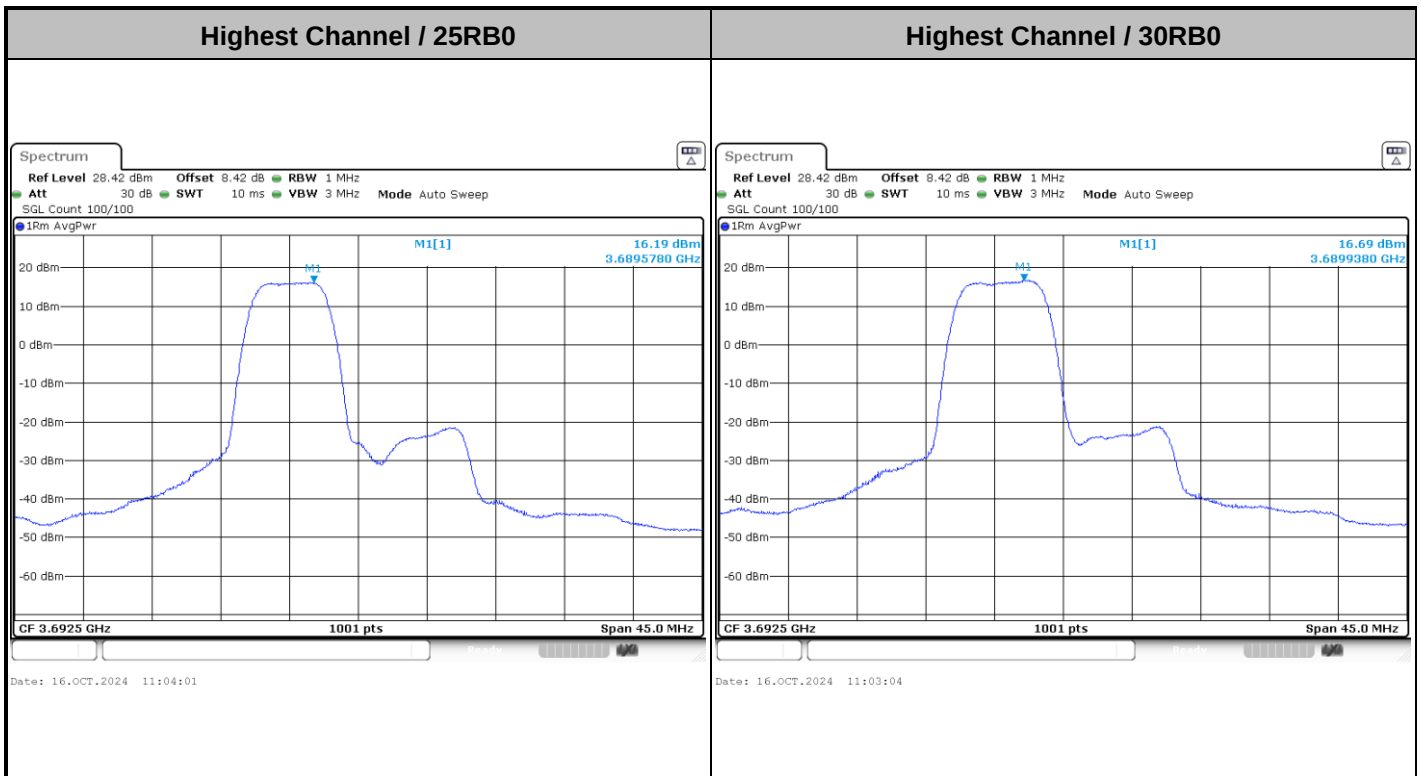
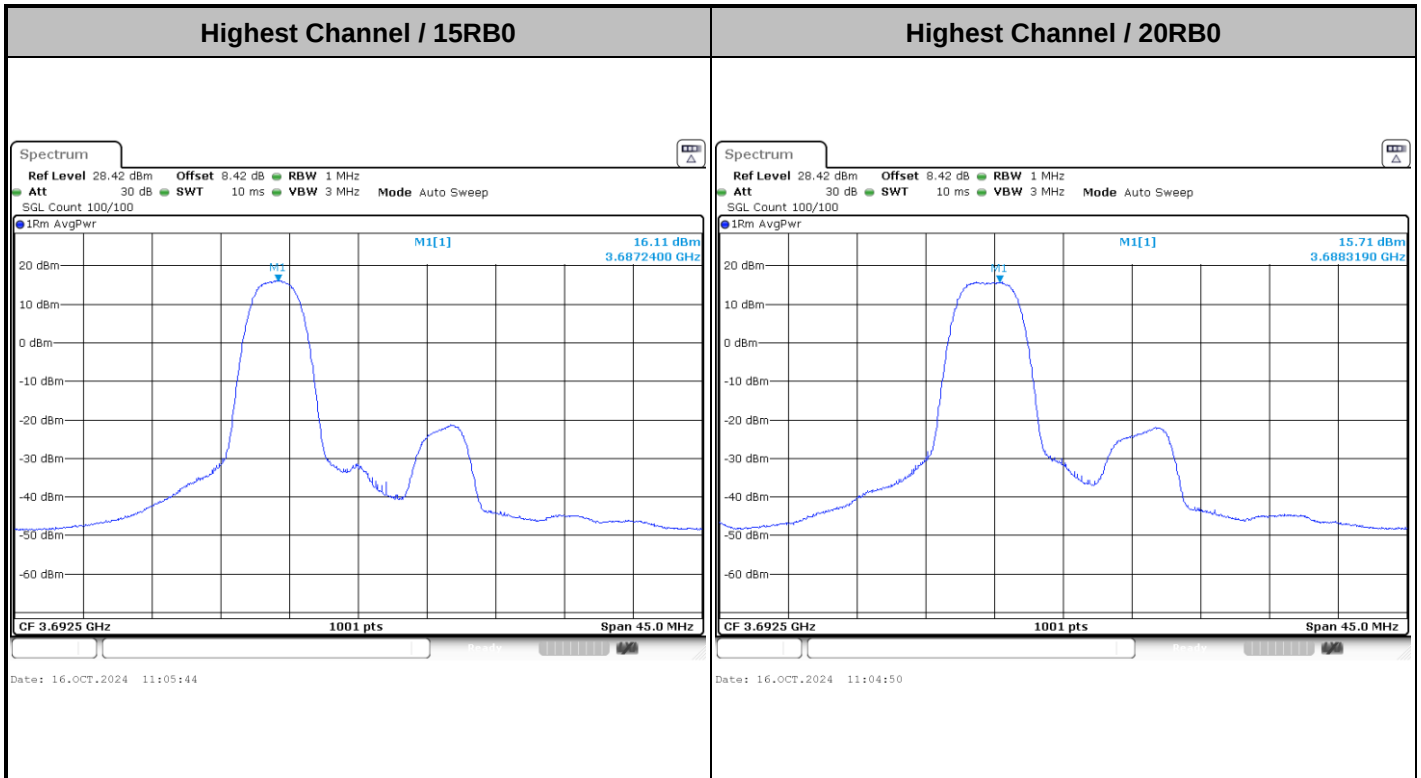


Date: 16.OCT.2024 10:47:26



Date: 16.OCT.2024 10:46:05



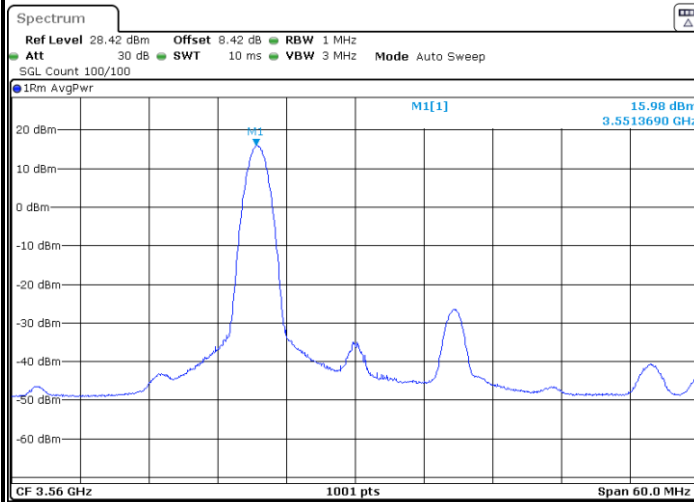




## LTE Band 48 / 20MHz

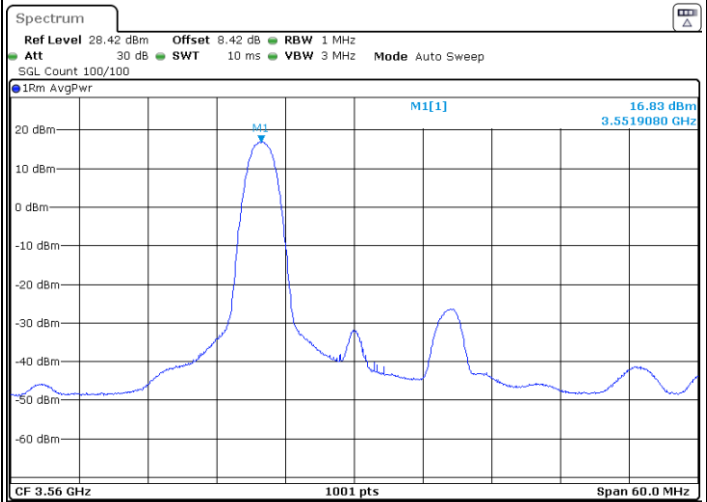
## QPSK

## Lowest Channel / 5RB0



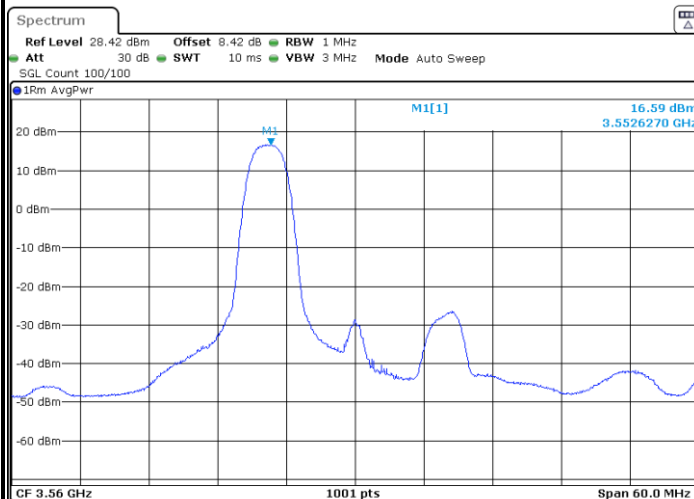
Date: 16.OCT.2024 10:37:19

## Lowest Channel / 10RB0



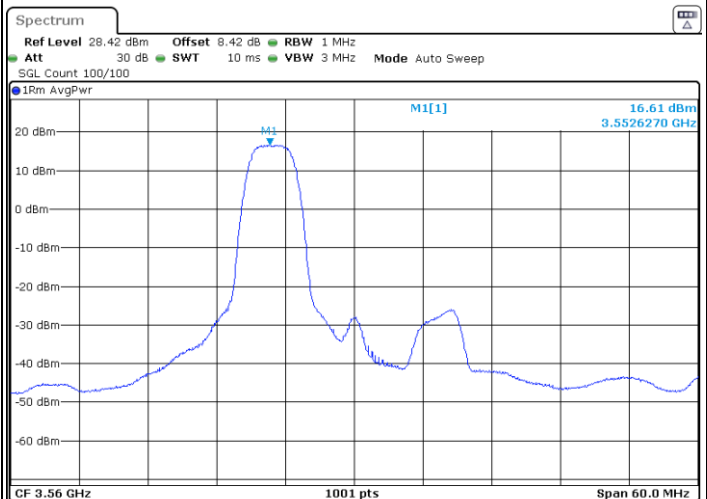
Date: 16.OCT.2024 10:38:03

## Lowest Channel / 15RB0



Date: 16.OCT.2024 10:38:56

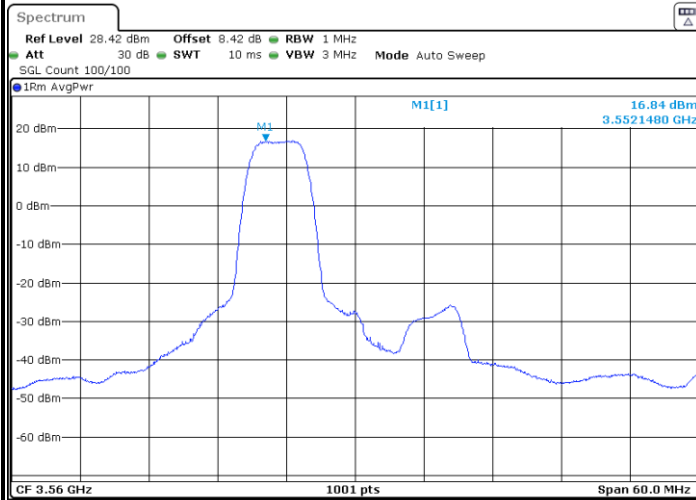
## Lowest Channel / 20RB0



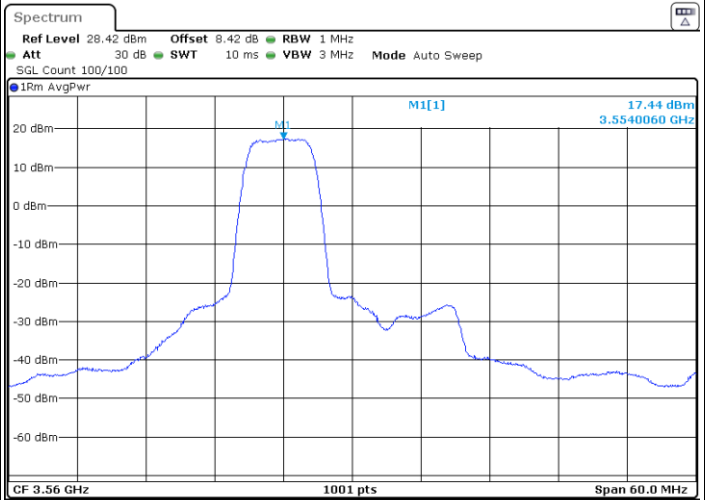
Date: 16.OCT.2024 10:39:49



## Lowest Channel / 25RB0



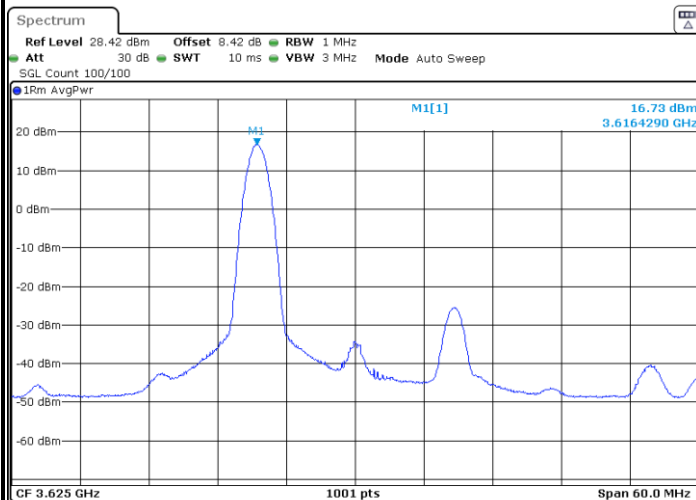
## Lowest Channel / 30RB0



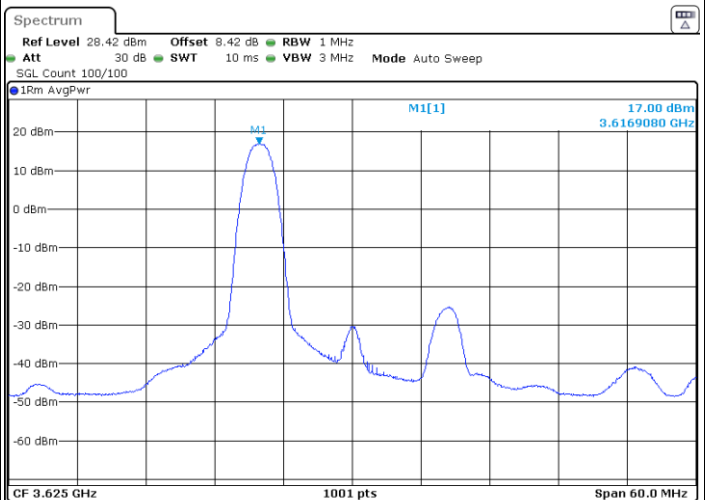
## LTE Band 48 / 20MHz

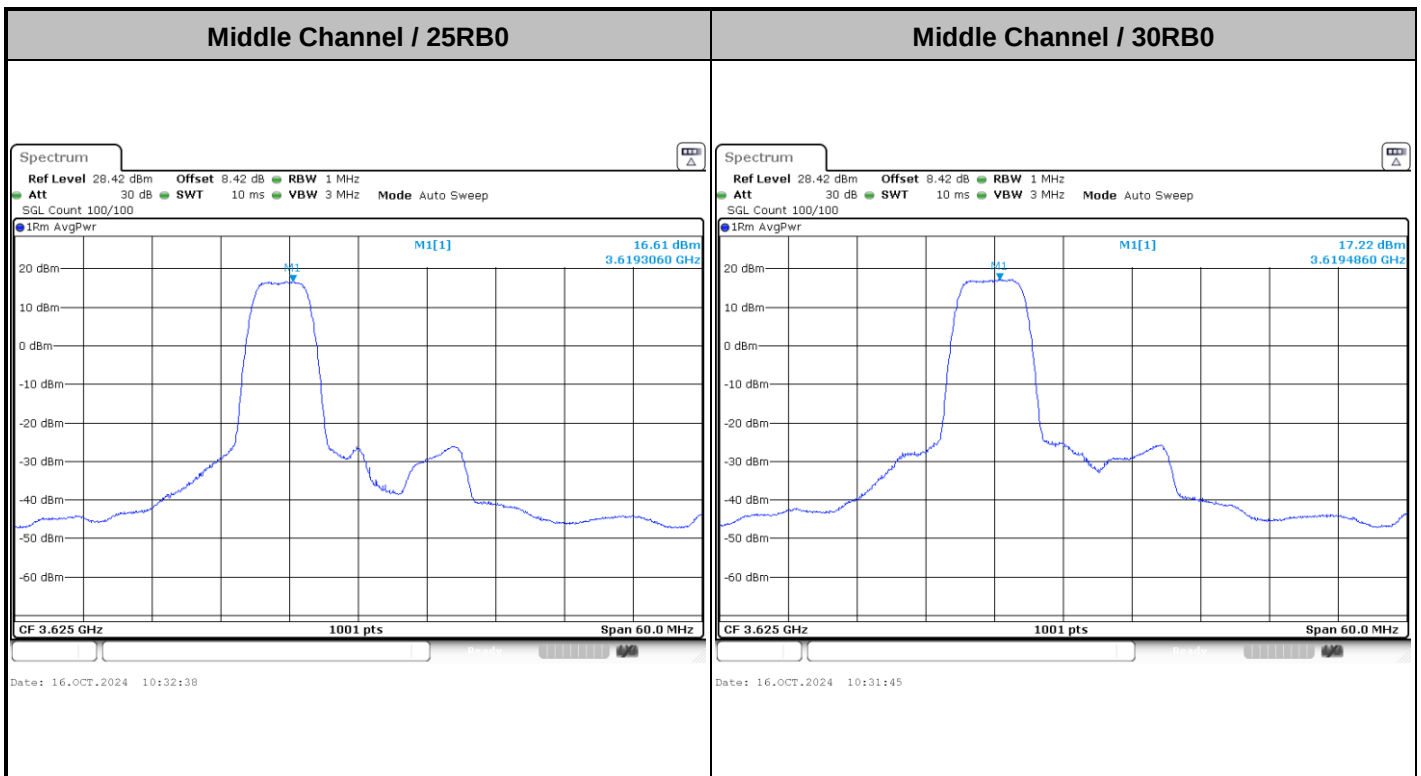
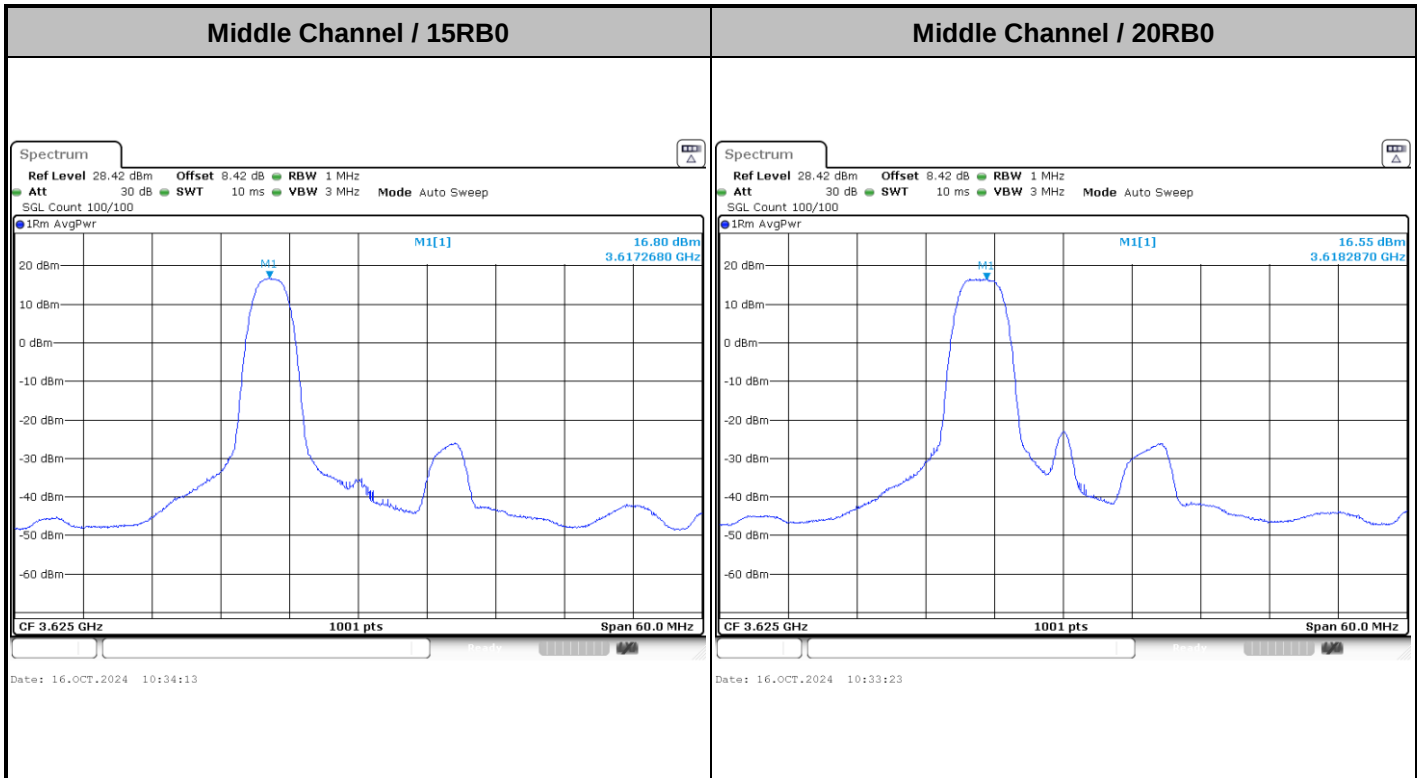
## QPSK

## Middle Channel / 5RB0



## Middle Channel / 10RB0



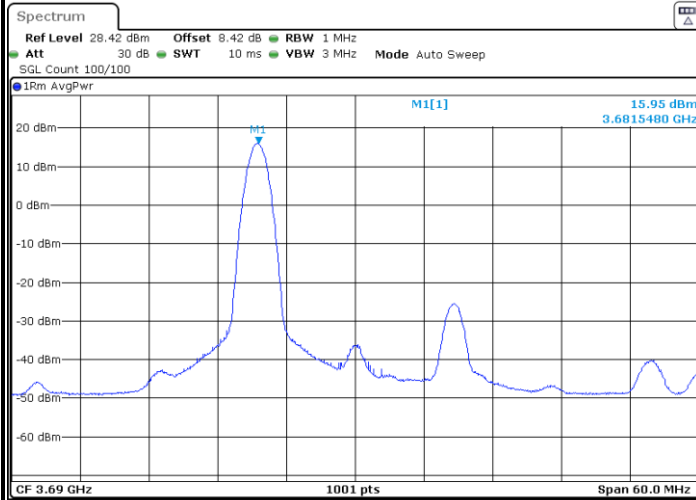




LTE Band 48 / 20MHz

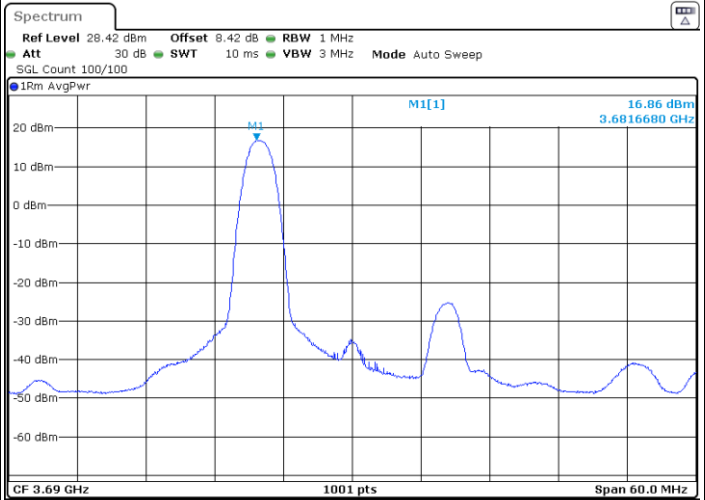
QPSK

Highest Channel / 5RB0



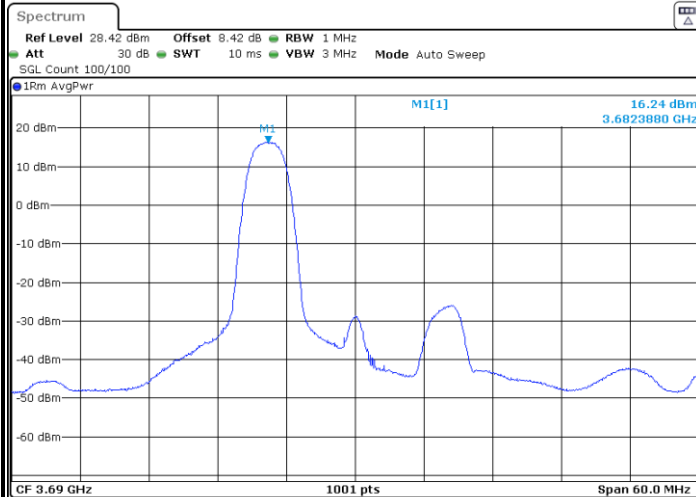
Date: 16.OCT.2024 10:24:51

Highest Channel / 10RB0



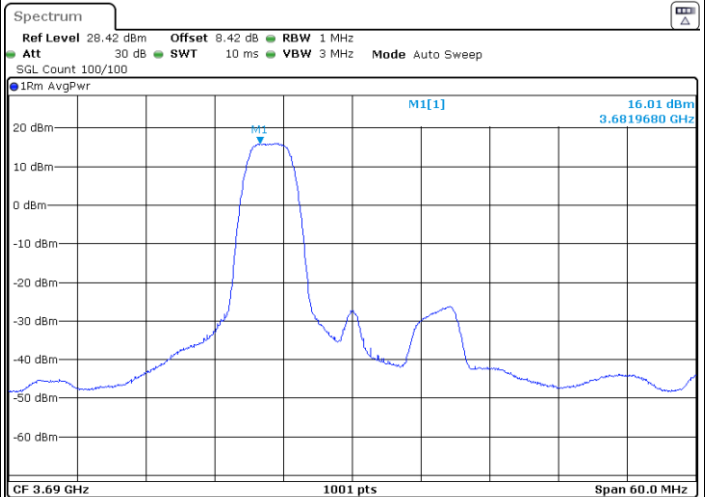
Date: 16.OCT.2024 10:26:46

Highest Channel / 15RB0

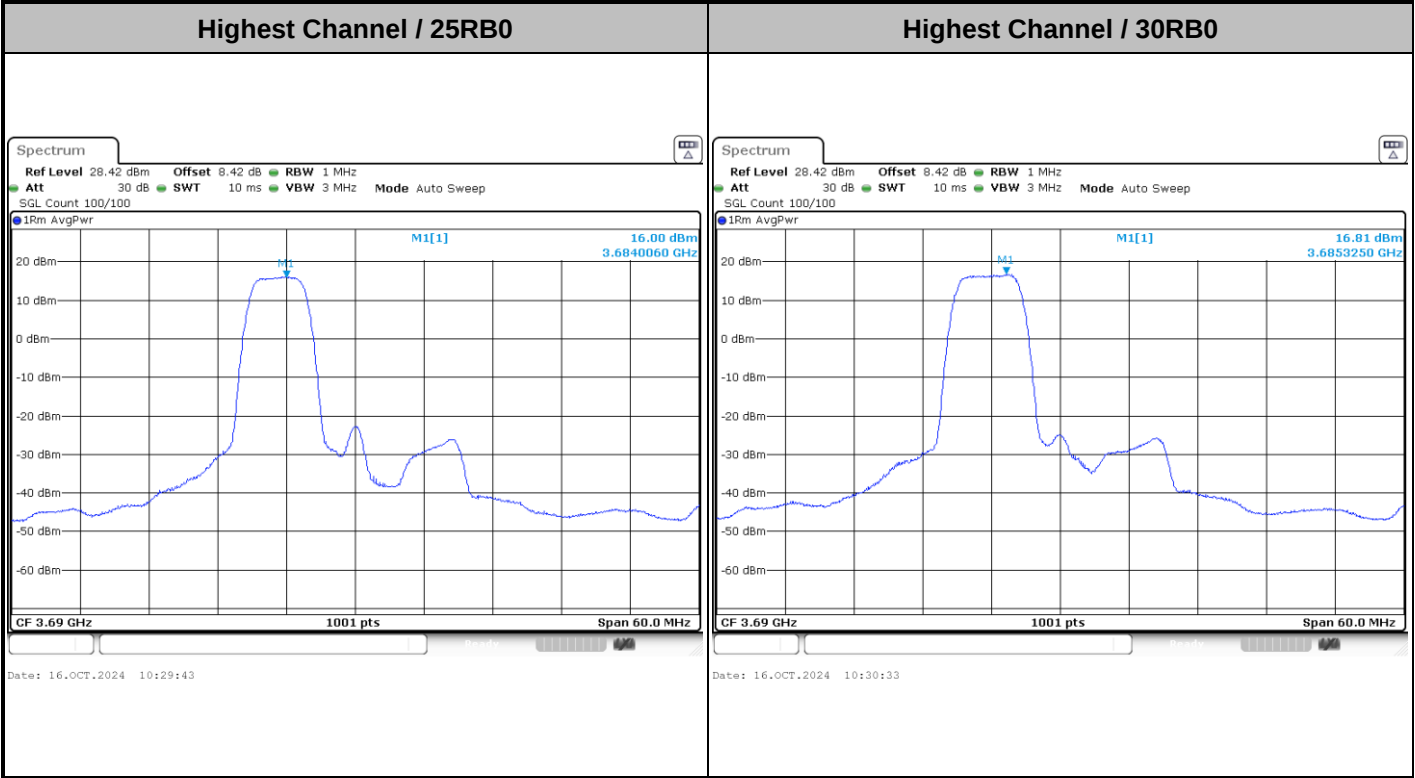


Date: 16.OCT.2024 10:27:33

Highest Channel / 20RB0



Date: 16.OCT.2024 10:28:32

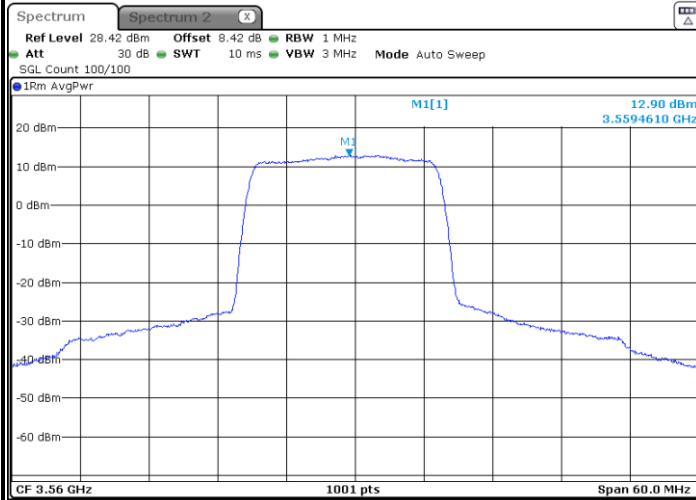




## LTE Band 48 / 20MHz

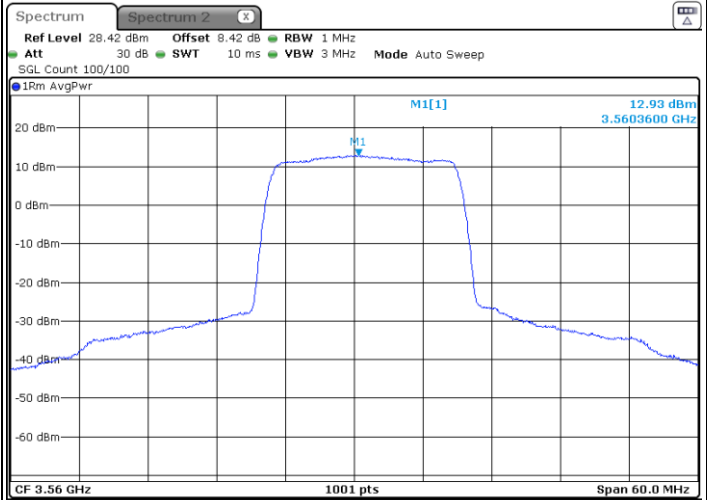
## QPSK

## Lowest Channel / 90RB0



Date: 18.OCT.2024 17:37:15

## Lowest Channel / 90RB10

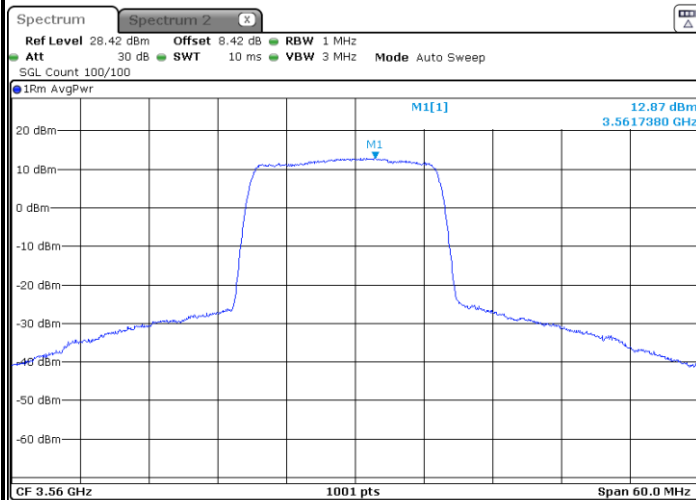


Date: 18.OCT.2024 17:22:40

## LTE Band 48 / 20MHz

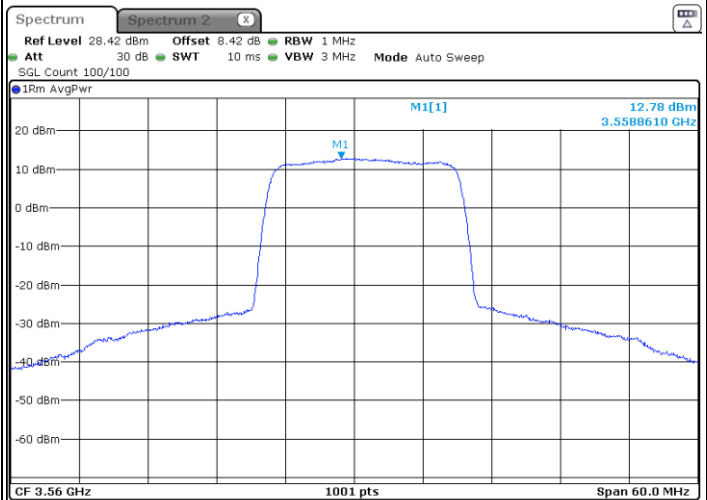
## 16QAM

## Lowest Channel / 90RB0



Date: 18.OCT.2024 17:35:40

## Lowest Channel / 90RB10



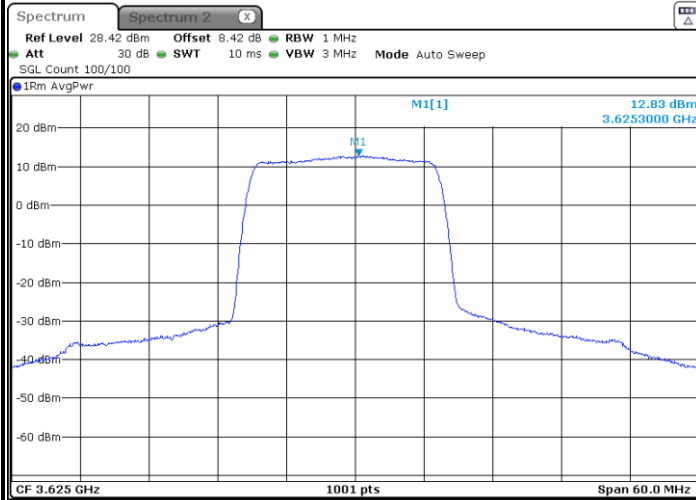
Date: 18.OCT.2024 17:27:03



## LTE Band 48 / 20MHz

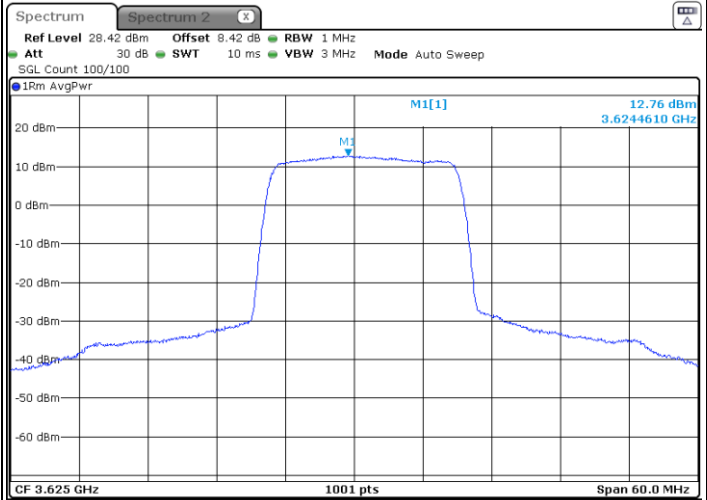
## QPSK

## Middle Channel / 90RB0



Date: 18.OCT.2024 17:10:56

## Middle Channel / 90RB10

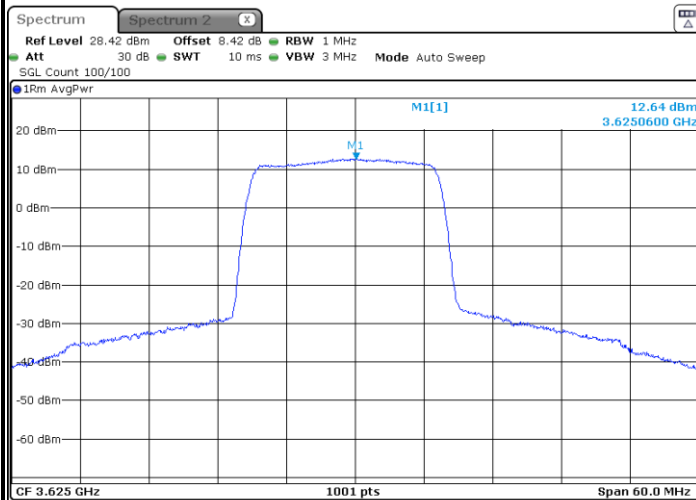


Date: 18.OCT.2024 17:19:19

## LTE Band 48 / 20MHz

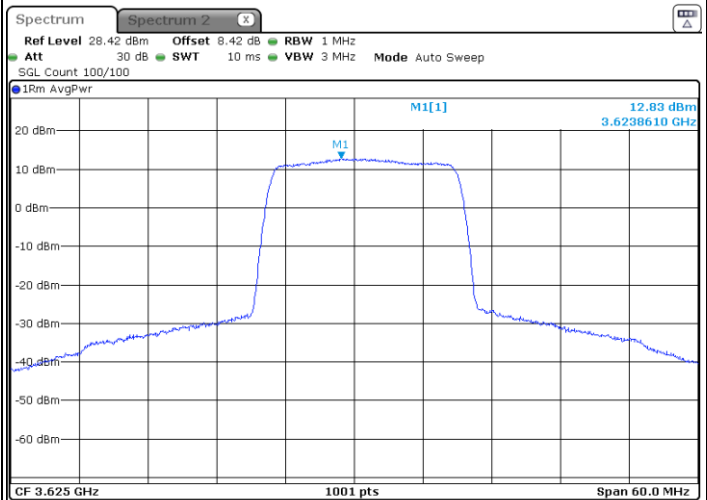
## 16QAM

## Middle Channel / 90RB0



Date: 18.OCT.2024 17:08:06

## Middle Channel / 90RB10



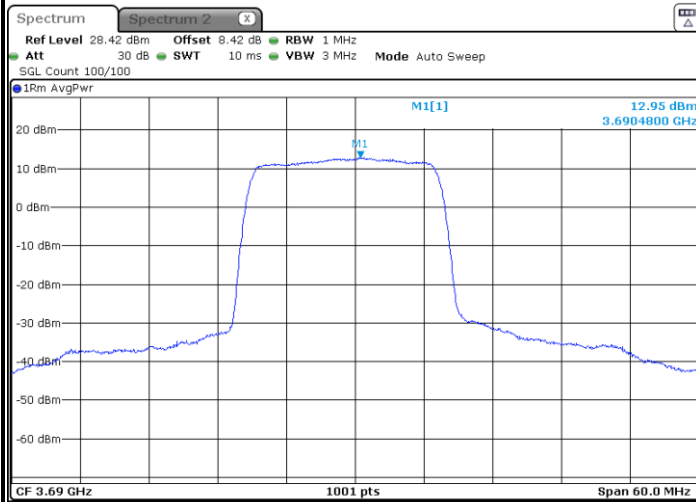
Date: 18.OCT.2024 17:18:08



## LTE Band 48 / 20MHz

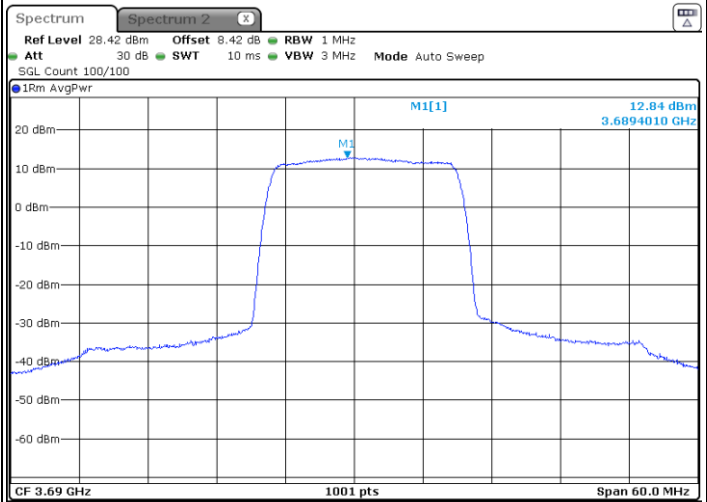
## QPSK

## Highest Channel / 90RB0



Date: 18.OCT.2024 17:40:40

## Highest Channel / 90RB10

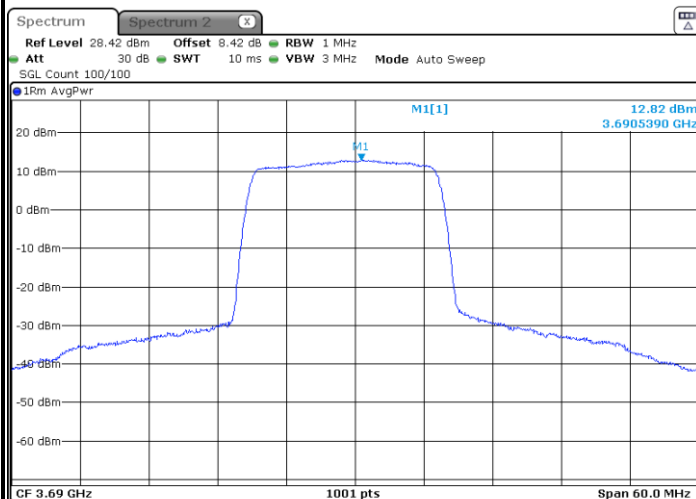


Date: 18.OCT.2024 18:44:27

## LTE Band 48 / 20MHz

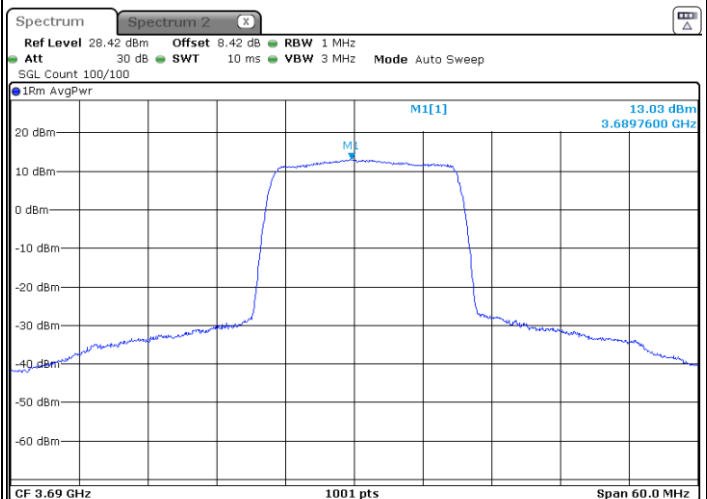
## 16QAM

## Highest Channel / 90RB0



Date: 18.OCT.2024 18:28:32

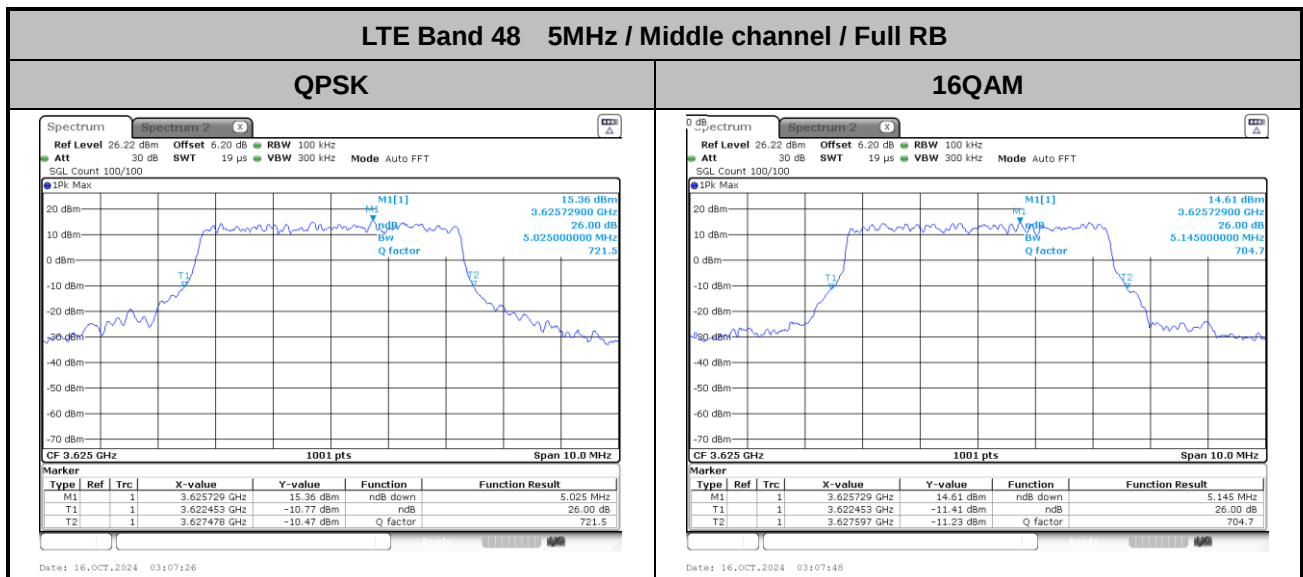
## Highest Channel / 90RB10



Date: 18.OCT.2024 18:45:46

**26dB Bandwidth**

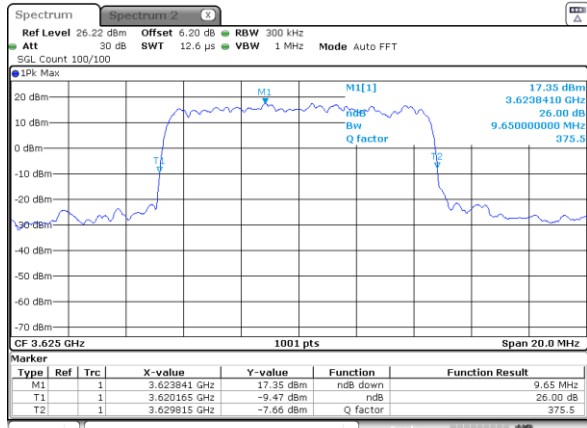
| Mode      | LTE Band 48 : 26dB BW(MHz) |       |
|-----------|----------------------------|-------|
| BW        | 5MHz                       |       |
| Mod.      | QPSK                       | 16QAM |
| Middle CH | 5.03                       | 5.15  |
| BW        | 10MHz                      |       |
| Mod.      | QPSK                       | 16QAM |
| Middle CH | 9.65                       | 9.97  |
| BW        | 15MHz                      |       |
| Mod.      | QPSK                       | 16QAM |
| Middle CH | 14.51                      | 14.21 |
| BW        | 20MHz                      |       |
| Mod.      | QPSK                       | 16QAM |
| Middle CH | 18.78                      | 18.70 |





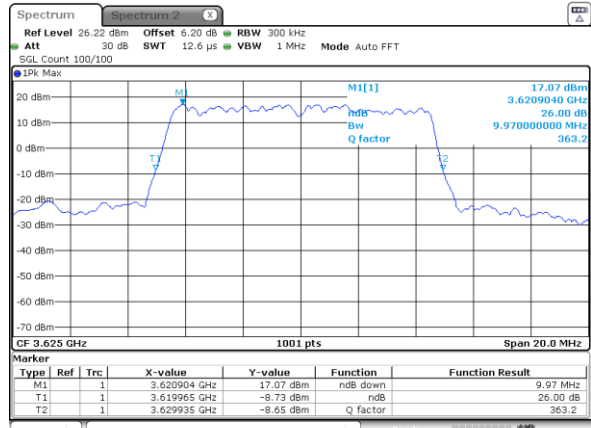
## LTE Band 48 10MHz / Middle channel / Full RB

## QPSK



Date: 16.OCT.2024 03:08:54

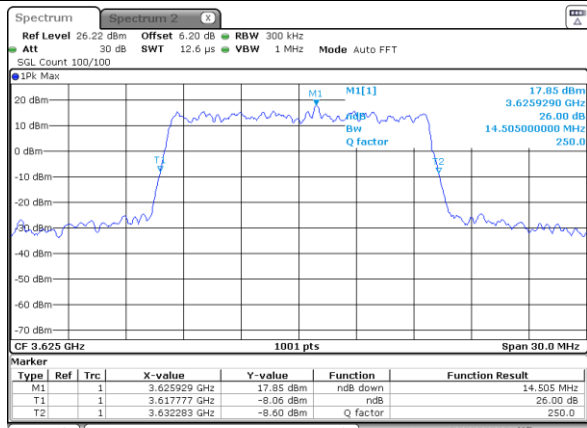
## 16QAM



Date: 16.OCT.2024 03:09:15

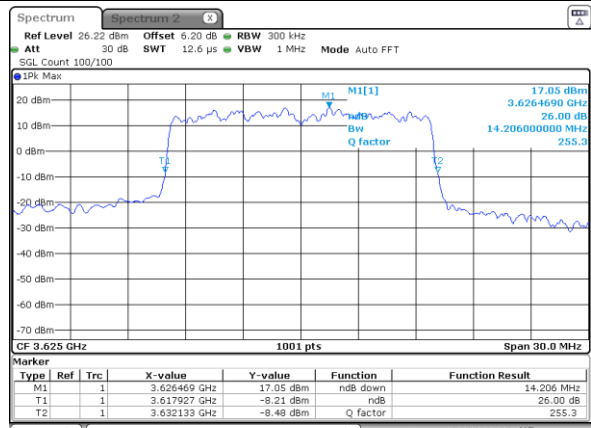
## LTE Band 48 15MHz / Middle channel / Full RB

## QPSK



Date: 16.OCT.2024 03:11:36

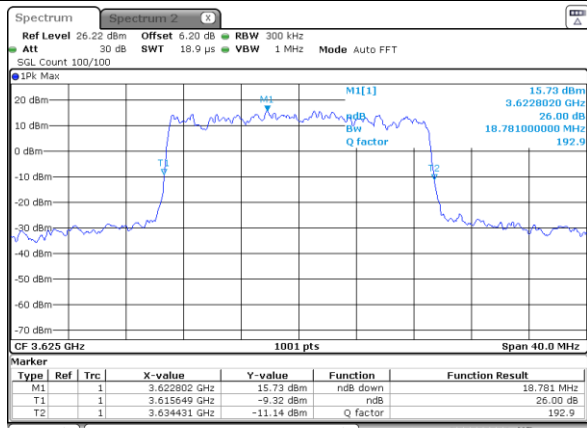
## 16QAM



Date: 16.OCT.2024 03:11:58

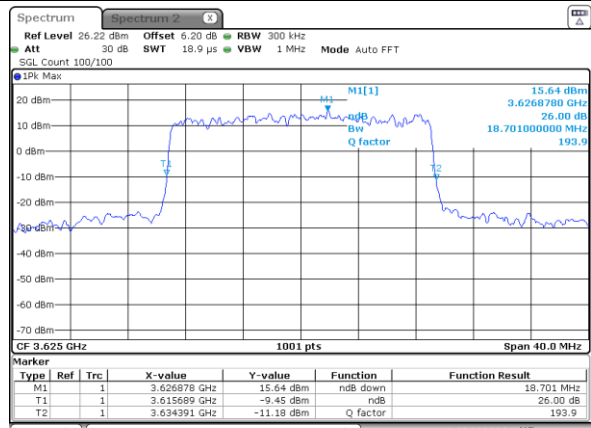
## LTE Band 48 20MHz / Middle channel / Full RB

## QPSK



Date: 16.OCT.2024 03:13:05

## 16QAM

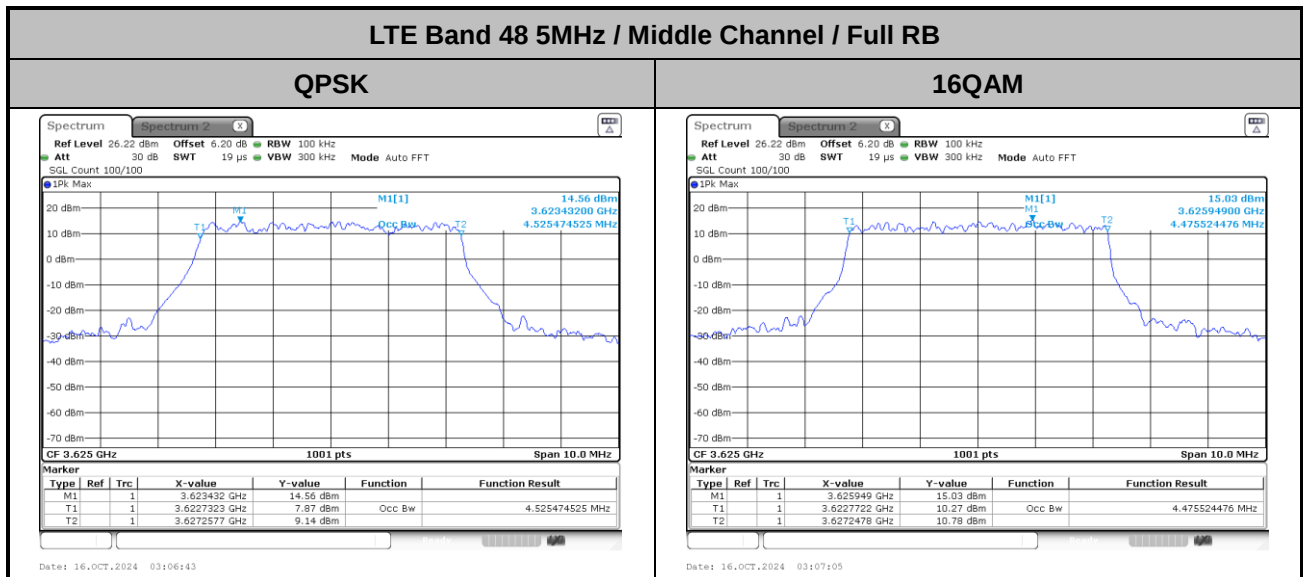


Date: 16.OCT.2024 03:13:27



## Occupied Bandwidth

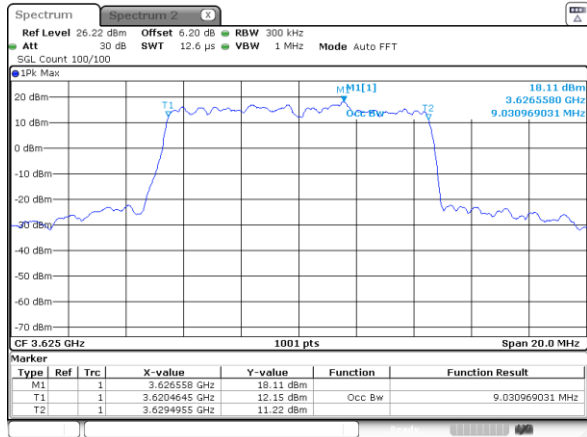
| Mode      | LTE Band 48 : 99%OBW(MHz) |       |
|-----------|---------------------------|-------|
| BW        | 5MHz                      |       |
| Mod.      | QPSK                      | 16QAM |
| Middle CH | 4.53                      | 4.48  |
| BW        | 10MHz                     |       |
| Mod.      | QPSK                      | 16QAM |
| Middle CH | 9.03                      | 9.97  |
| BW        | 15MHz                     |       |
| Mod.      | QPSK                      | 16QAM |
| Middle CH | 13.46                     | 13.40 |
| BW        | 20MHz                     |       |
| Mod.      | QPSK                      | 16QAM |
| Middle CH | 17.86                     | 17.82 |



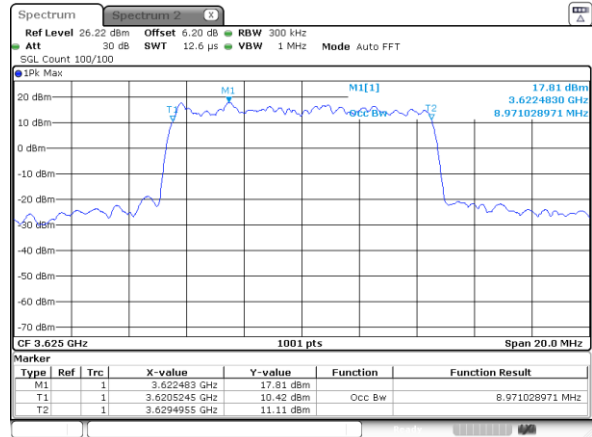


## LTE Band 48 10MHz / Middle channel / Full RB

## QPSK

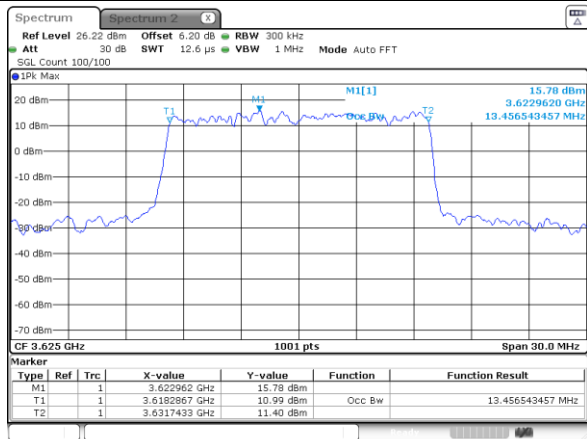


## 16QAM

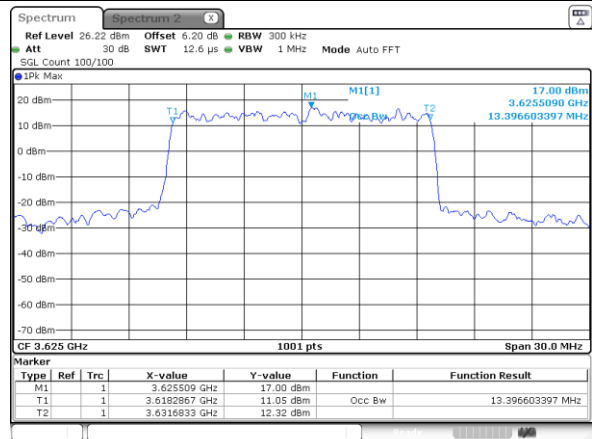


## LTE Band 48 15MHz / Middle channel / Full RB

## QPSK

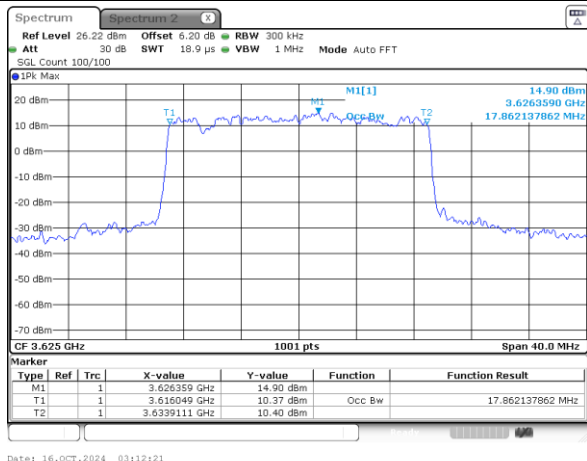


## 16QAM

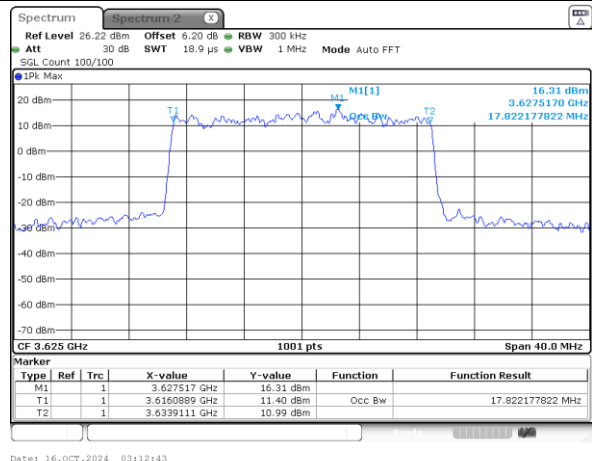


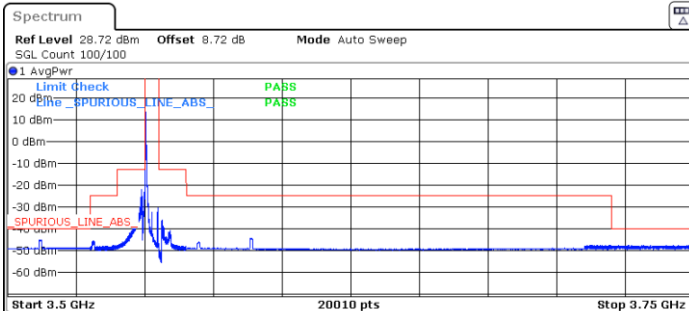
## LTE Band 48 20MHz / Middle channel / Full RB

## QPSK



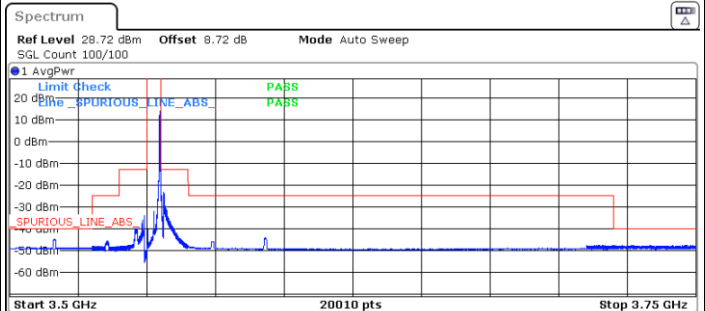
## 16QAM



**Conducted Band Edge****LTE Band 48 / 5MHz****QPSK****Lowest Channel / 1RB0****Lowest Channel / 1RBmax**

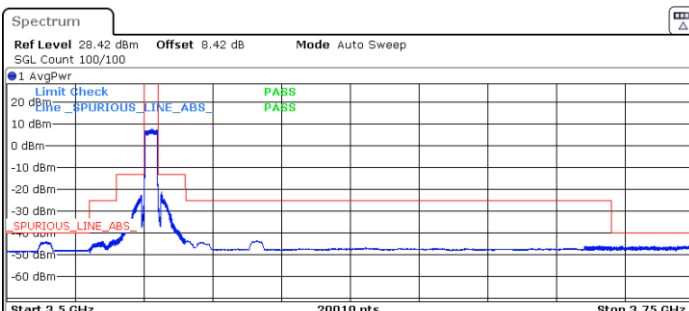
| Range Low | Range Up  | RBW         | Frequency   | Power Abs  | ΔLimit    |
|-----------|-----------|-------------|-------------|------------|-----------|
| 3.500 GHz | 3.530 GHz | 1.000 MHz   | 3.51203 GHz | -45.25 dBm | -5.25 dB  |
| 3.530 GHz | 3.540 GHz | 1.000 MHz   | 3.53133 GHz | -45.59 dBm | -20.59 dB |
| 3.540 GHz | 3.549 GHz | 1.000 MHz   | 3.54886 GHz | -22.05 dBm | -9.05 dB  |
| 3.549 GHz | 3.550 GHz | 50.000 kHz  | 3.54999 GHz | -18.53 dBm | -5.53 dB  |
| 3.550 GHz | 3.555 GHz | 100.000 kHz | 3.55035 GHz | 13.64 dBm  | -16.36 dB |
| 3.555 GHz | 3.556 GHz | 50.000 kHz  | 3.55520 GHz | -49.60 dBm | -36.60 dB |
| 3.556 GHz | 3.565 GHz | 1.000 MHz   | 3.55631 GHz | -36.25 dBm | -23.25 dB |
| 3.565 GHz | 3.710 GHz | 1.000 MHz   | 3.58837 GHz | -44.53 dBm | -19.53 dB |
| 3.710 GHz | 3.720 GHz | 1.000 MHz   | 3.71345 GHz | -47.57 dBm | -22.57 dB |
| 3.720 GHz | 3.750 GHz | 1.000 MHz   | 3.74433 GHz | -47.61 dBm | -7.61 dB  |

Date: 9.OCT.2024 14:09:19



| Range Low | Range Up  | RBW         | Frequency   | Power Abs  | ΔLimit    |
|-----------|-----------|-------------|-------------|------------|-----------|
| 3.500 GHz | 3.530 GHz | 1.000 MHz   | 3.51615 GHz | -45.02 dBm | -5.02 dB  |
| 3.530 GHz | 3.540 GHz | 1.000 MHz   | 3.53556 GHz | -45.66 dBm | -20.66 dB |
| 3.540 GHz | 3.549 GHz | 1.000 MHz   | 3.54890 GHz | -33.90 dBm | -20.90 dB |
| 3.549 GHz | 3.550 GHz | 50.000 kHz  | 3.54989 GHz | -49.86 dBm | -36.86 dB |
| 3.550 GHz | 3.555 GHz | 100.000 kHz | 3.55467 GHz | 14.00 dBm  | -16.00 dB |
| 3.555 GHz | 3.556 GHz | 50.000 kHz  | 3.55501 GHz | -19.27 dBm | -6.27 dB  |
| 3.556 GHz | 3.565 GHz | 1.000 MHz   | 3.55615 GHz | -23.46 dBm | -10.46 dB |
| 3.565 GHz | 3.710 GHz | 1.000 MHz   | 3.59301 GHz | -44.24 dBm | -19.24 dB |
| 3.710 GHz | 3.720 GHz | 1.000 MHz   | 3.71661 GHz | -47.65 dBm | -22.65 dB |
| 3.720 GHz | 3.750 GHz | 1.000 MHz   | 3.74627 GHz | -47.51 dBm | -7.51 dB  |

Date: 9.OCT.2024 14:12:42

**Lowest Channel / FullRB****N/A**

| Range Low | Range Up  | RBW         | Frequency   | Power Abs  | ΔLimit    |
|-----------|-----------|-------------|-------------|------------|-----------|
| 3.500 GHz | 3.530 GHz | 1.000 MHz   | 3.51457 GHz | -44.14 dBm | -4.14 dB  |
| 3.530 GHz | 3.540 GHz | 1.000 MHz   | 3.53905 GHz | -43.30 dBm | -18.30 dB |
| 3.540 GHz | 3.549 GHz | 1.000 MHz   | 3.54898 GHz | -22.66 dBm | -9.66 dB  |
| 3.549 GHz | 3.550 GHz | 50.000 kHz  | 3.55000 GHz | -23.70 dBm | -10.70 dB |
| 3.550 GHz | 3.555 GHz | 100.000 kHz | 3.55278 GHz | 7.83 dBm   | -22.17 dB |
| 3.555 GHz | 3.556 GHz | 50.000 kHz  | 3.55500 GHz | -23.49 dBm | -10.49 dB |
| 3.556 GHz | 3.565 GHz | 1.000 MHz   | 3.55620 GHz | -21.23 dBm | -8.23 dB  |
| 3.565 GHz | 3.710 GHz | 1.000 MHz   | 3.56554 GHz | -43.71 dBm | -18.71 dB |
| 3.710 GHz | 3.720 GHz | 1.000 MHz   | 3.71476 GHz | -45.98 dBm | -20.98 dB |
| 3.720 GHz | 3.750 GHz | 1.000 MHz   | 3.74632 GHz | -45.98 dBm | -5.98 dB  |

Date: 16.OCT.2024 01:19:38

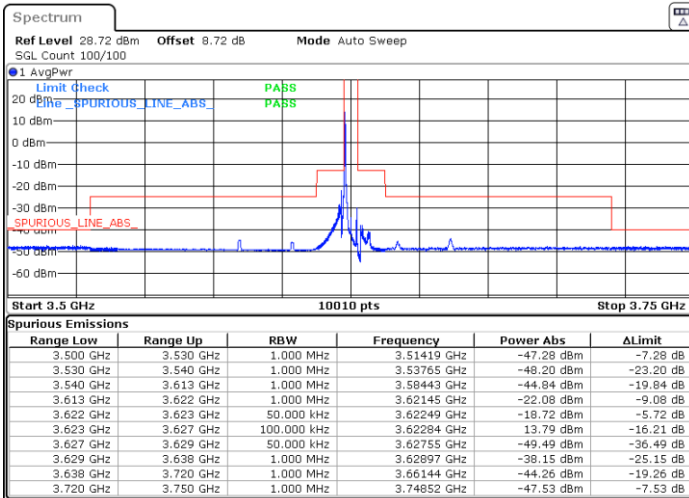


## LTE Band 48 / 5MHz

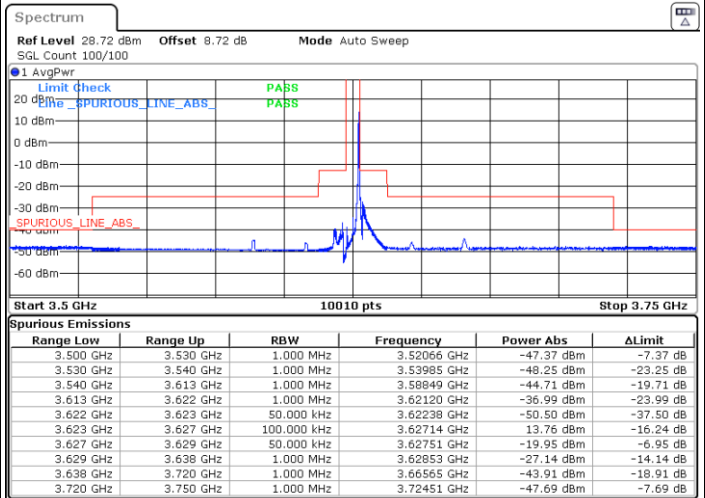
## QPSK

## Middle Channel / 1RB0

## Middle Channel / 1RBmax



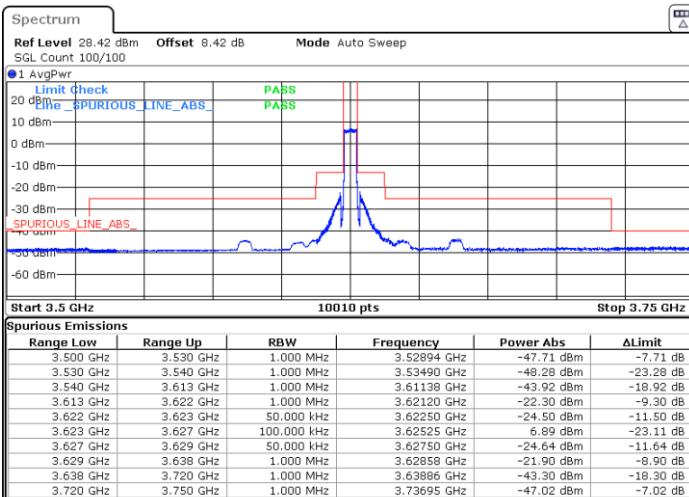
Date: 9.OCT.2024 14:19:29



Date: 9.OCT.2024 14:22:51

## Middle Channel / Full

## N/A



Date: 16.OCT.2024 01:24:10

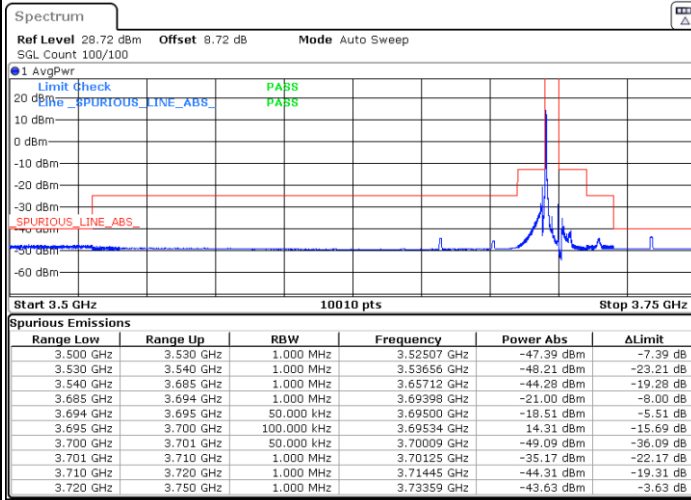


## LTE Band 48 / 5MHz

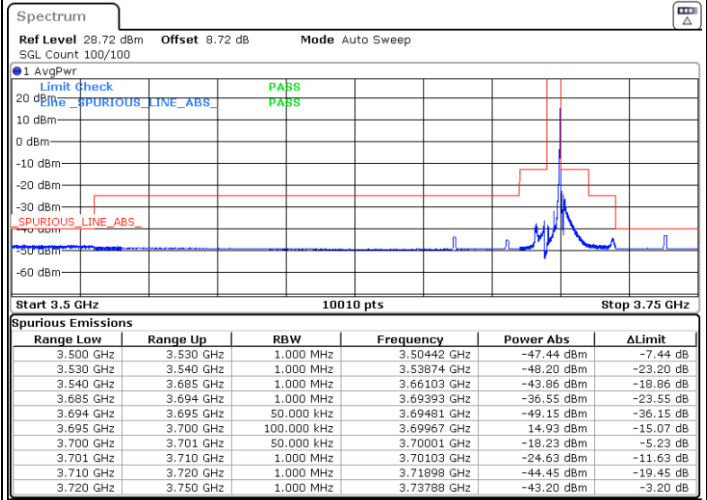
## QPSK

## Highest Channel / 1RB0

## Highest Channel / 1RBmax



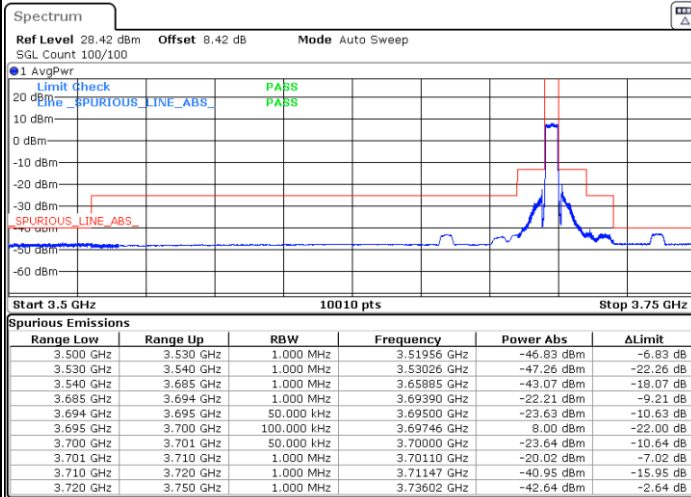
Date: 9.OCT.2024 14:29:36



Date: 9.OCT.2024 14:33:00

## Highest Channel / FullIRB

## N/A



Date: 16.OCT.2024 01:25:35

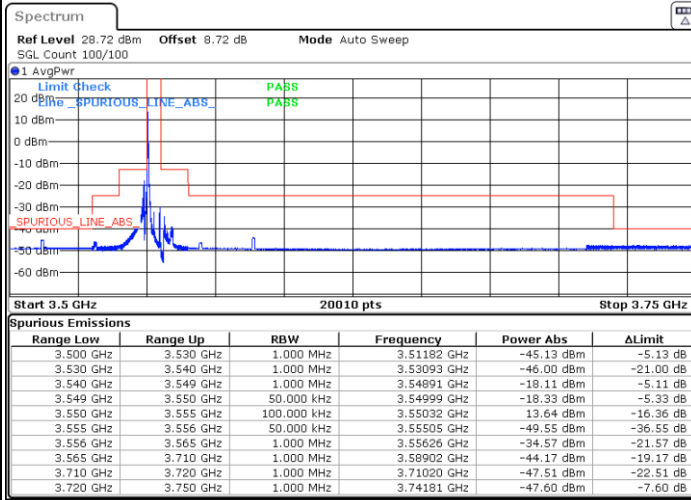


## LTE Band 48 / 5MHz

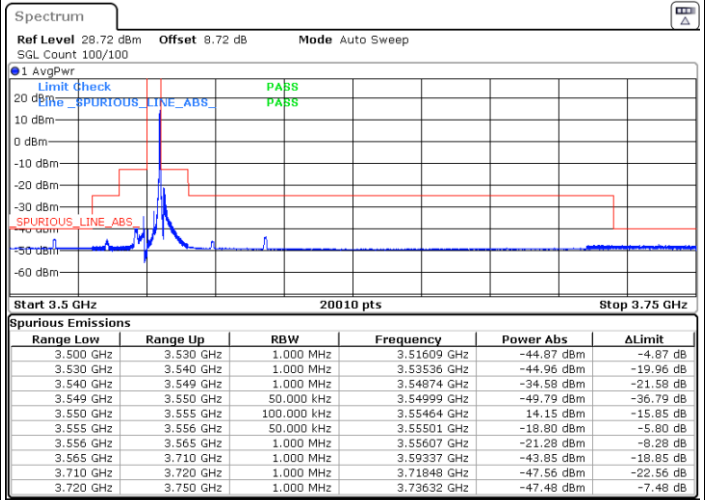
## 16QAM

## Lowest Channel / 1RB0

## Lowest Channel / 1RBmax



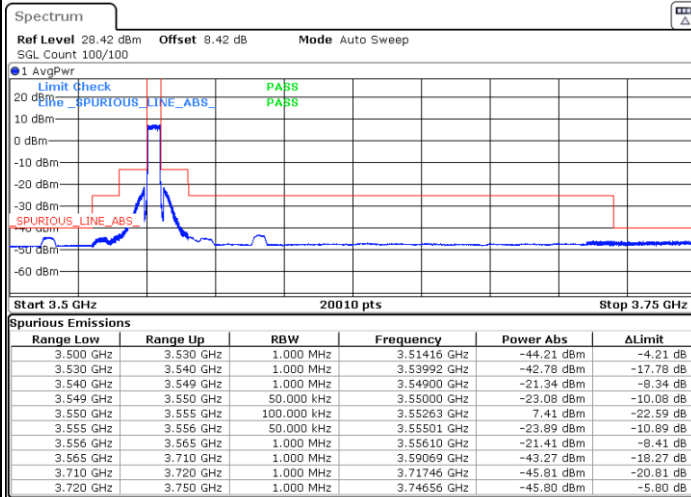
Date: 9.OCT.2024 14:11:00



Date: 9.OCT.2024 14:14:24

## Lowest Channel / FullIRB

## N/A



Date: 16.OCT.2024 01:21:22

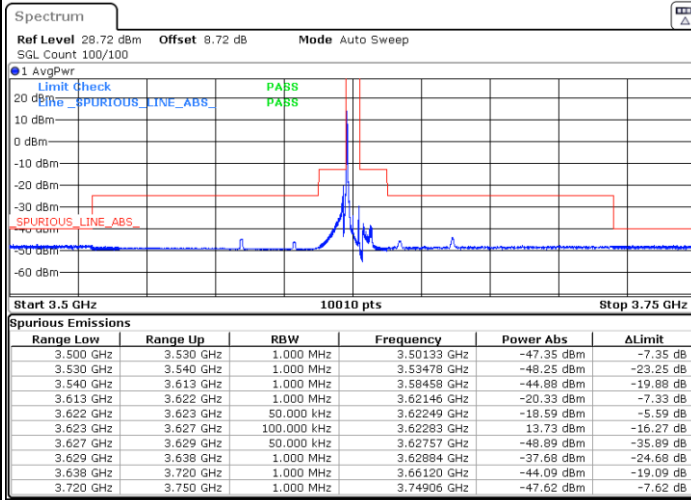


## LTE Band 48 / 5MHz

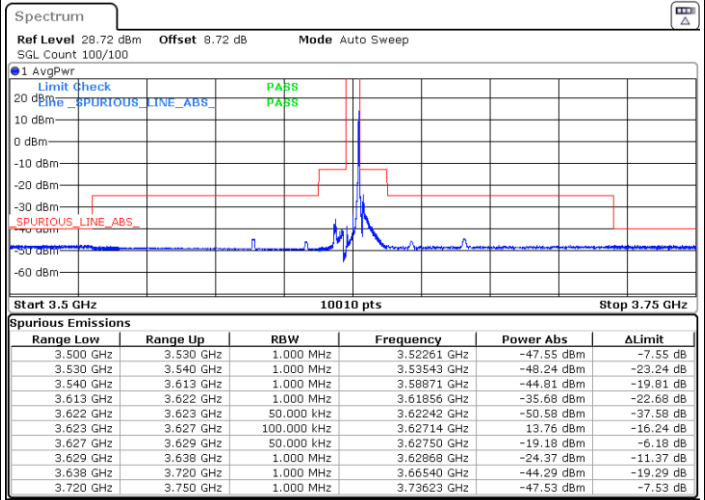
## 16QAM

## Middle Channel / 1RB0

## Middle Channel / 1RBmax



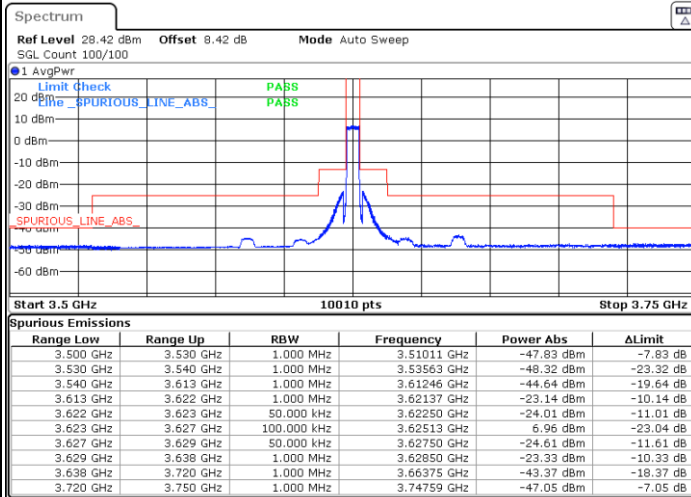
Date: 9.OCT.2024 14:21:10



Date: 9.OCT.2024 14:24:32

## Middle Channel / Full

## N/A



Date: 16.OCT.2024 01:22:46

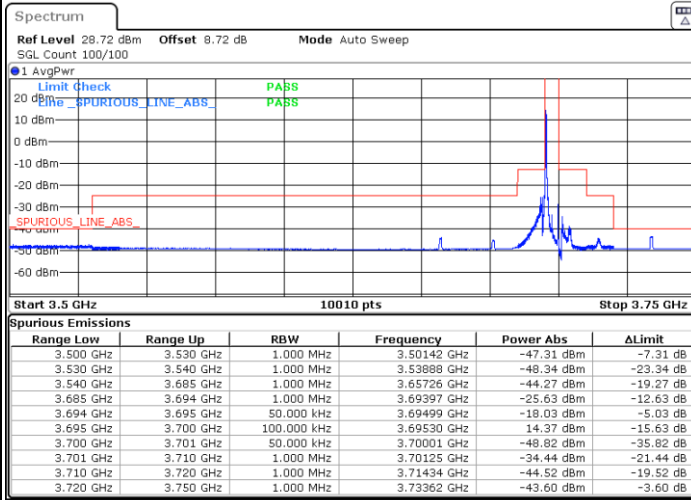


## LTE Band 48 / 5MHz

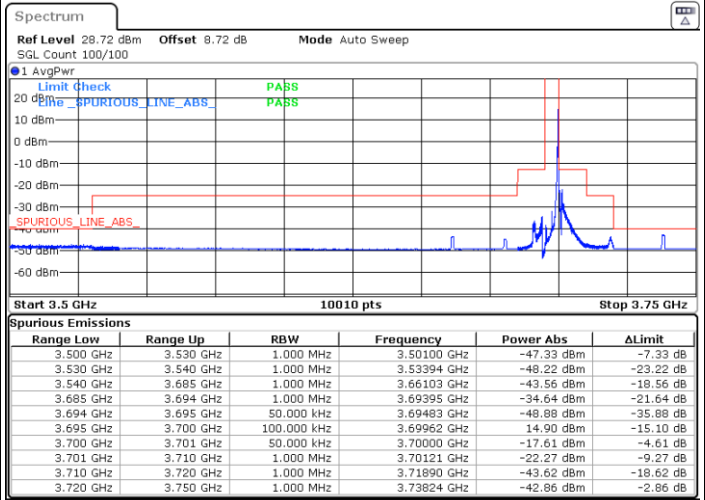
## 16QAM

## Highest Channel / 1RB0

## Highest Channel / 1RBmax



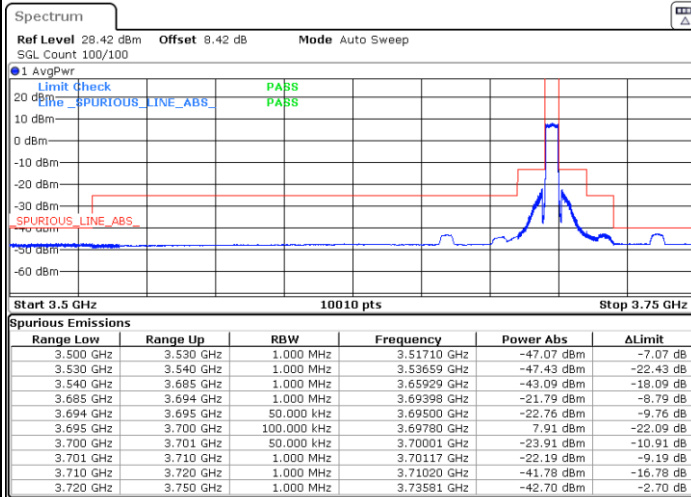
Date: 9.OCT.2024 14:31:17



Date: 9.OCT.2024 14:34:41

## Highest Channel / FullIRB

## N/A



Date: 16.OCT.2024 01:26:59

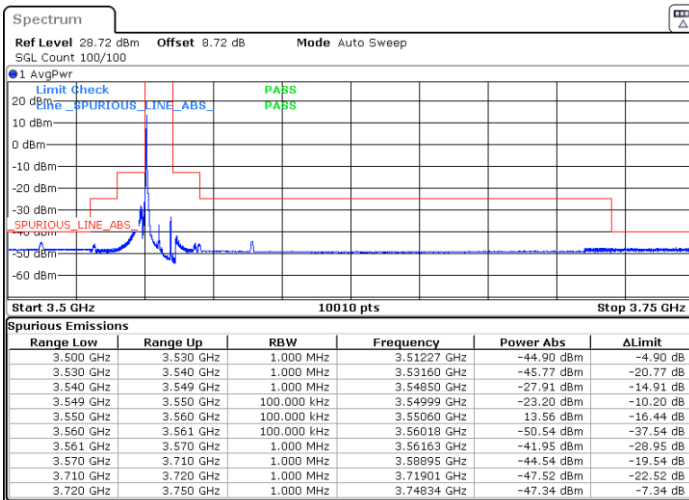


## LTE Band 48 / 10MHz

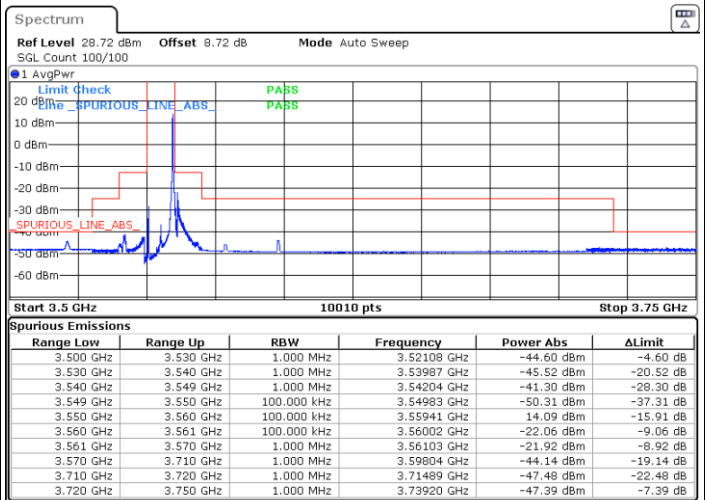
## QPSK

## Lowest Channel / 1RB0

## Lowest Channel / 1RBmax



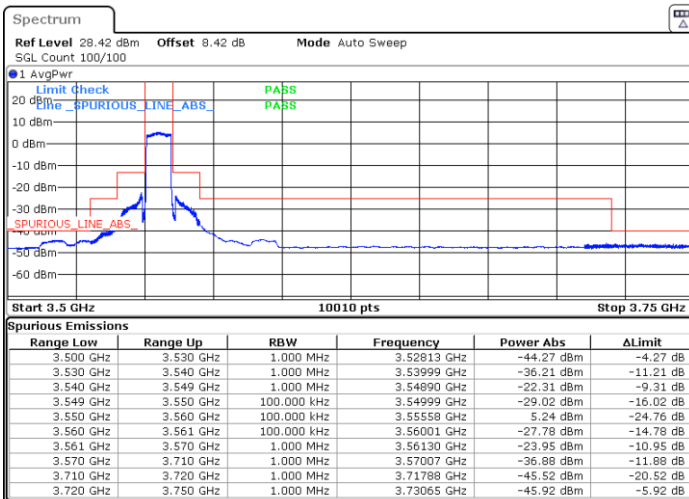
Date: 9.OCT.2024 14:39:47



Date: 9.OCT.2024 14:43:10

## Lowest Channel / FullRB

## N/A



Date: 16.OCT.2024 01:29:49

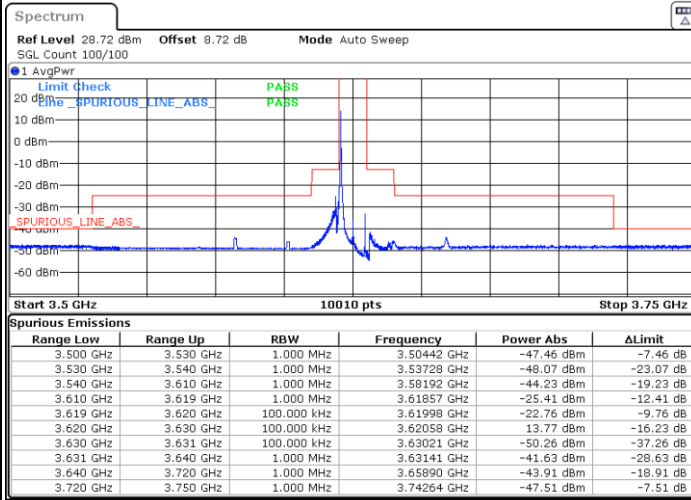


## LTE Band 48 / 10MHz

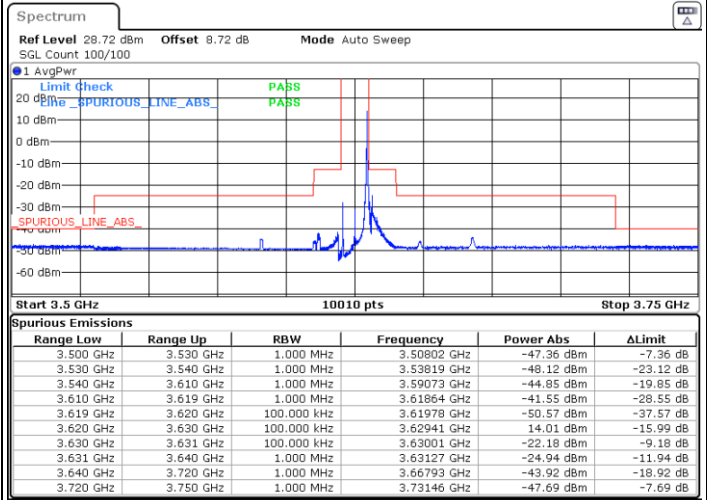
## QPSK

## Middle Channel / 1RB0

## Middle Channel / 1RBmax



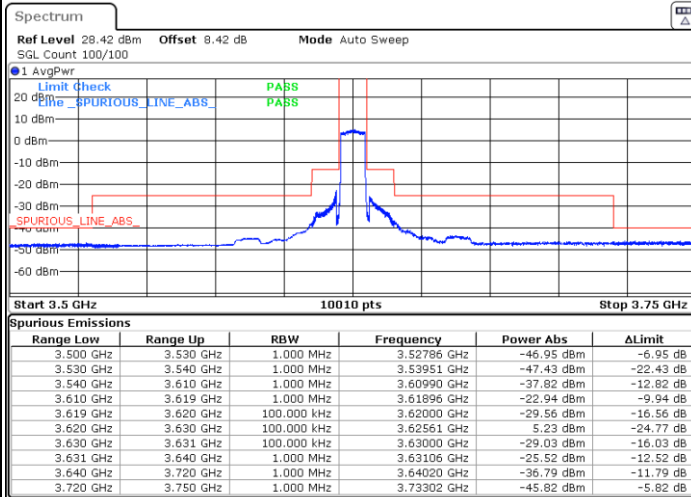
Date: 9.OCT.2024 14:49:57



Date: 9.OCT.2024 14:53:20

## Middle Channel / Full

## N/A



Date: 16.OCT.2024 01:31:13

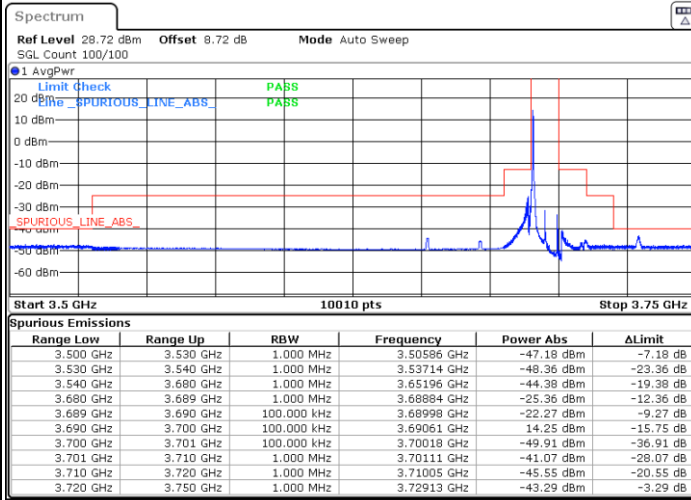


## LTE Band 48 / 10MHz

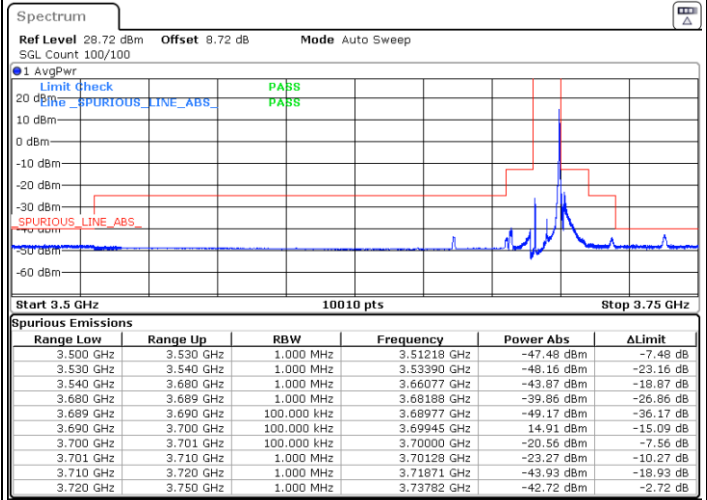
## QPSK

## Highest Channel / 1RB0

## Highest Channel / 1RBmax



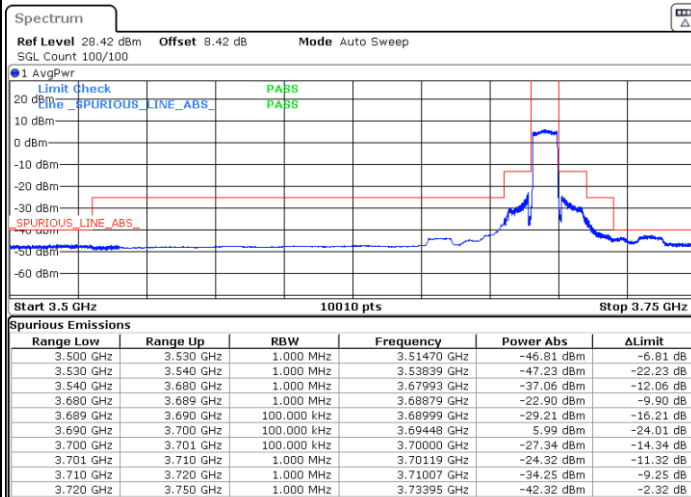
Date: 9.OCT.2024 15:00:05



Date: 9.OCT.2024 15:03:28

## Highest Channel / FullIRB

## N/A



Date: 16.OCT.2024 01:35:24

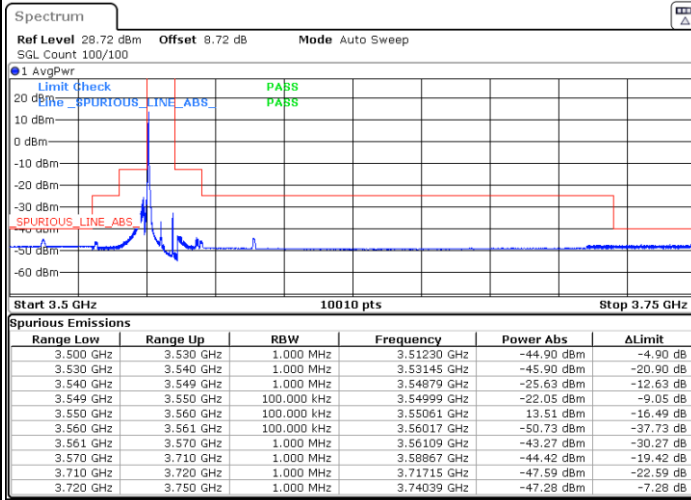


## LTE Band 48 / 10MHz

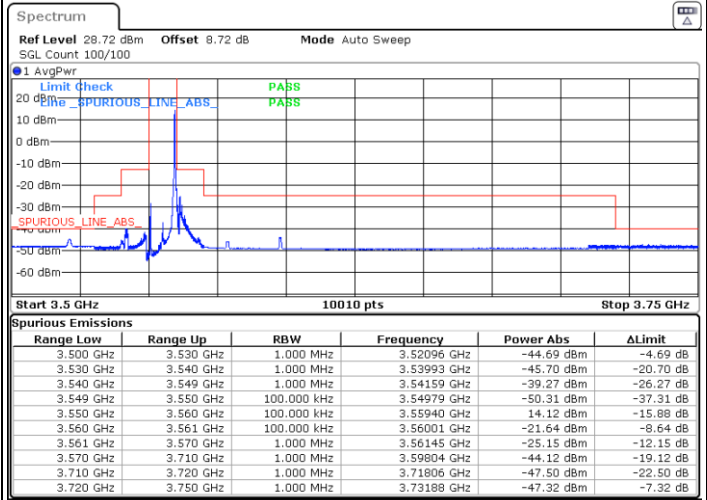
## 16QAM

## Lowest Channel / 1RB0

## Lowest Channel / 1RBmax



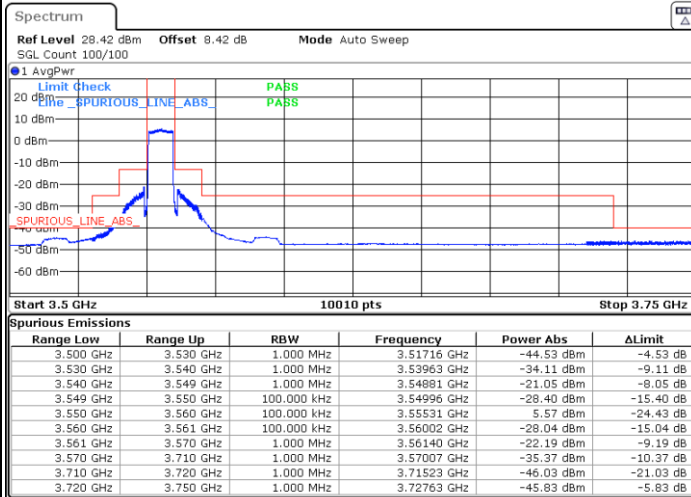
Date: 9.OCT.2024 14:41:29



Date: 9.OCT.2024 14:44:52

## Lowest Channel / FullIRB

## N/A



Date: 16.OCT.2024 01:28:24

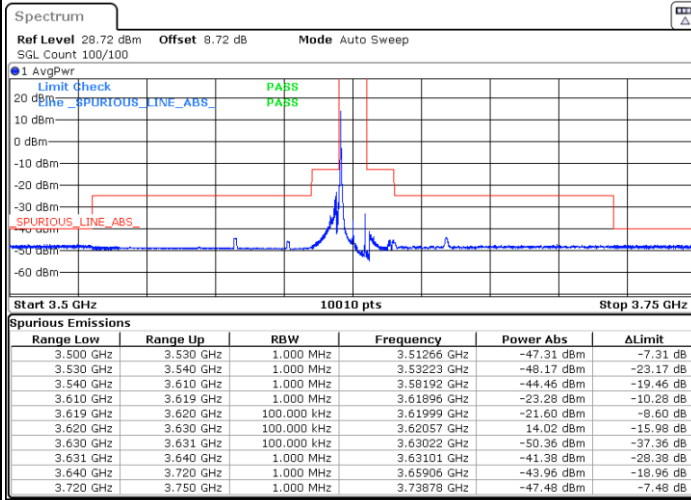


## LTE Band 48 / 10MHz

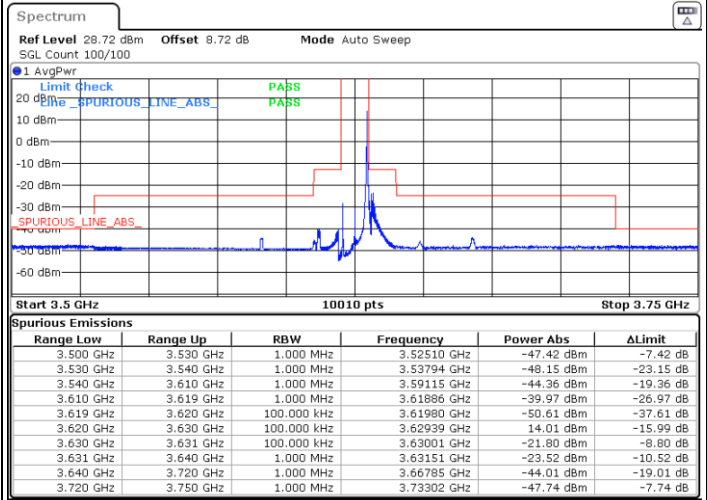
## 16QAM

## Middle Channel / 1RB0

## Middle Channel / 1RBmax



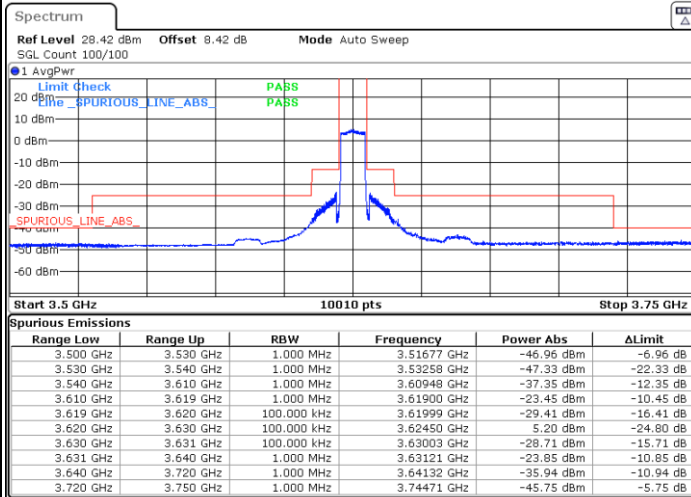
Date: 9.OCT.2024 14:51:38



Date: 9.OCT.2024 14:55:01

## Middle Channel / Full

## N/A



Date: 16.OCT.2024 01:32:36

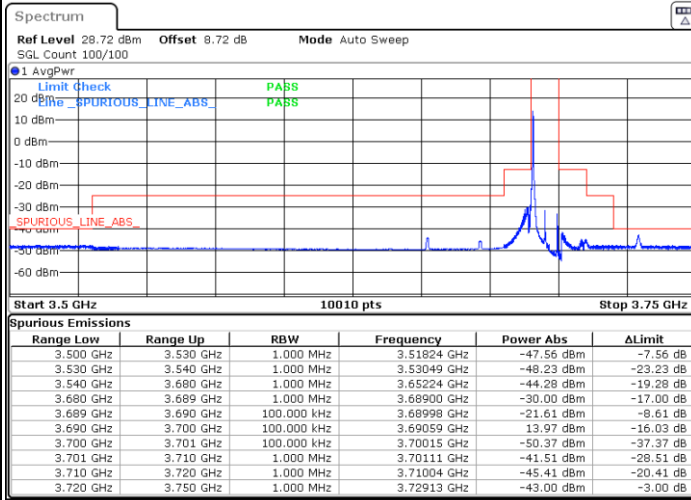


## LTE Band 48 / 10MHz

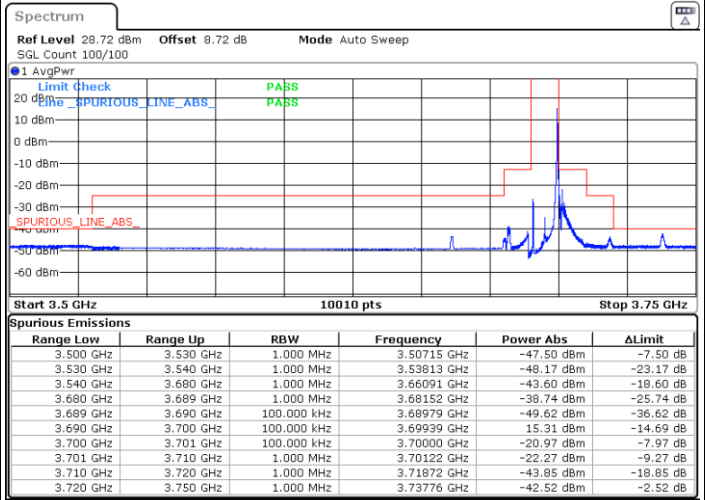
## 16QAM

## Highest Channel / 1RB0

## Highest Channel / 1RBmax



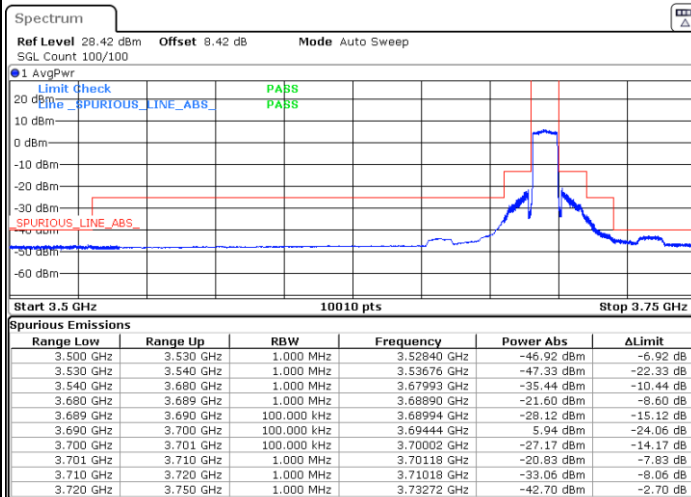
Date: 9.OCT.2024 15:01:46



Date: 9.OCT.2024 15:05:10

## Highest Channel / FullIRB

## N/A



Date: 16.OCT.2024 01:34:00

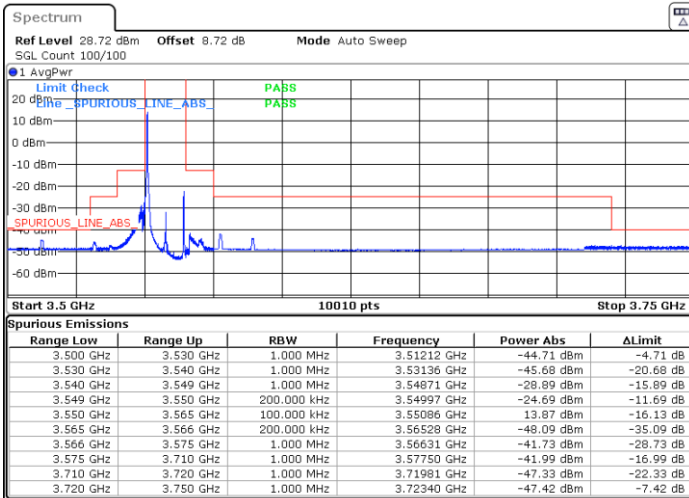


## LTE Band 48 / 15MHz

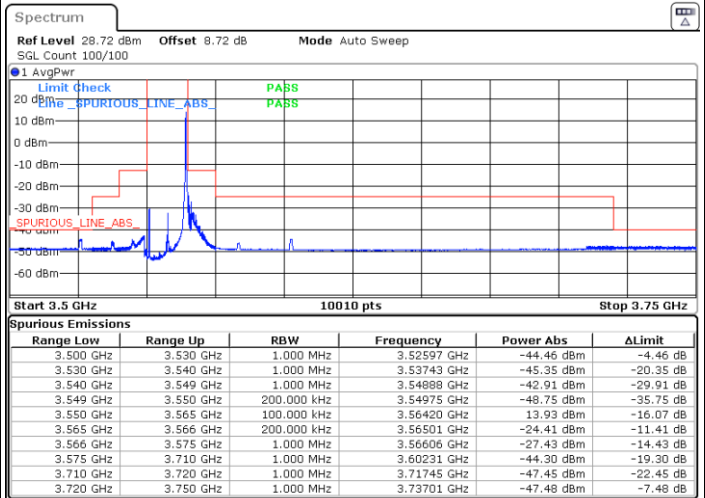
## QPSK

## Lowest Channel / 1RB0

## Lowest Channel / 1RBmax



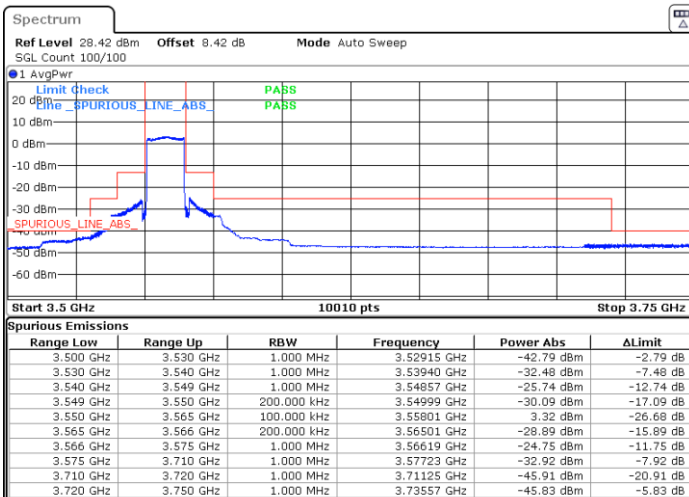
Date: 9.OCT.2024 15:11:45



Date: 9.OCT.2024 15:17:33

## Lowest Channel / FullRB

## N/A



Date: 16.OCT.2024 01:41:55