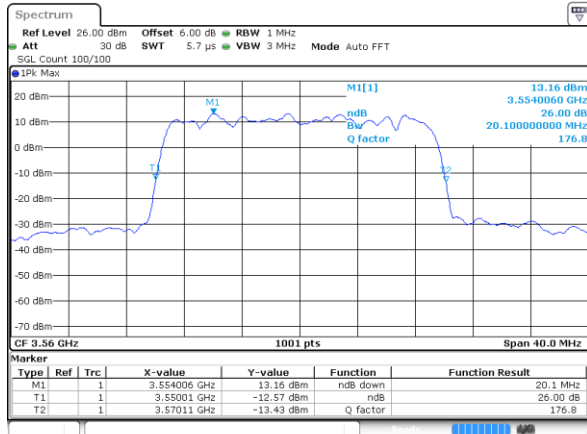


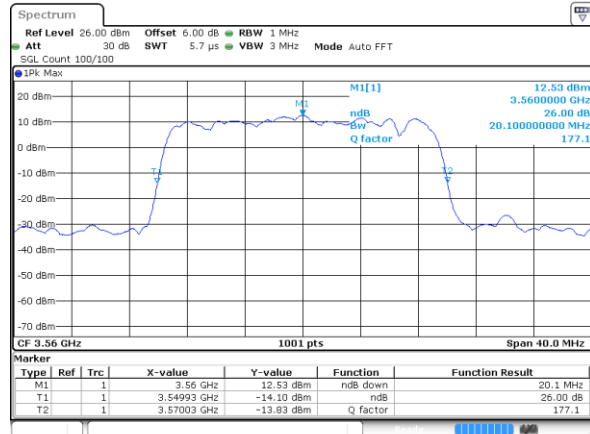


## LTE Band 48

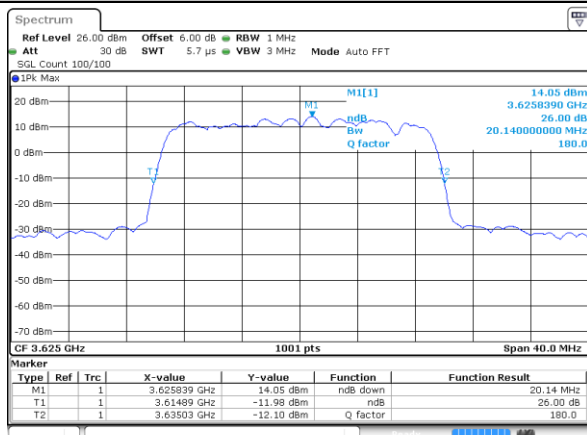
## Lowest Channel / 20MHz / QPSK



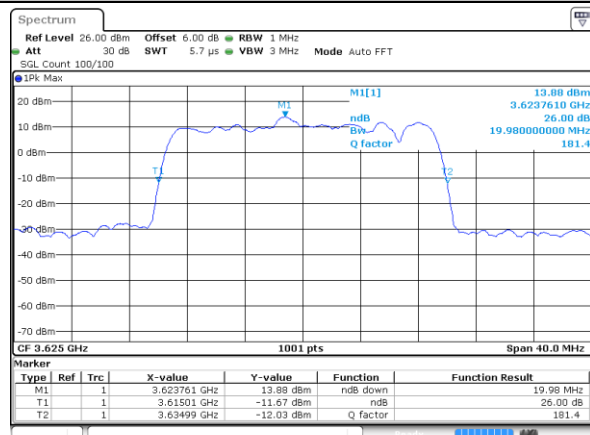
## Lowest Channel / 20MHz / 16QAM



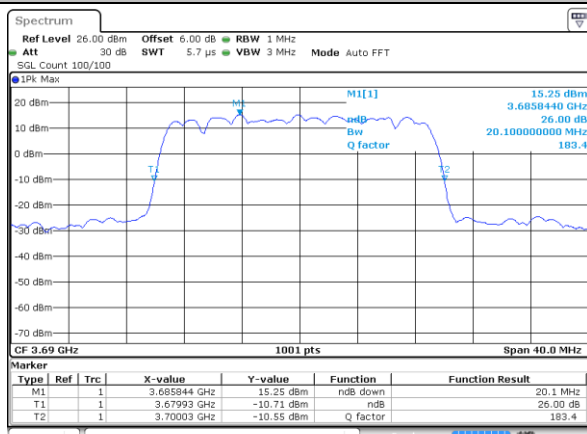
## Middle Channel / 20MHz / QPSK



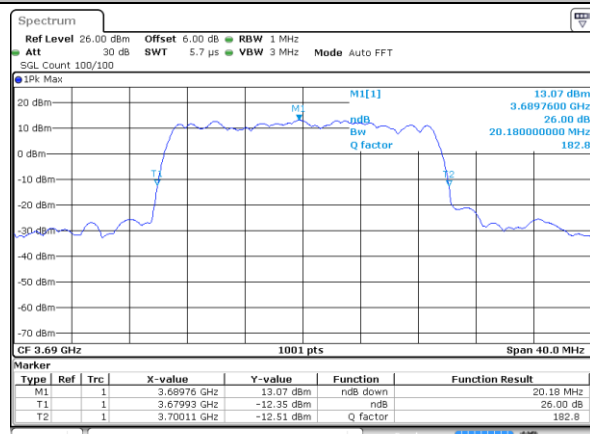
## Middle Channel / 20MHz / 16QAM



## Highest Channel / 20MHz / QPSK



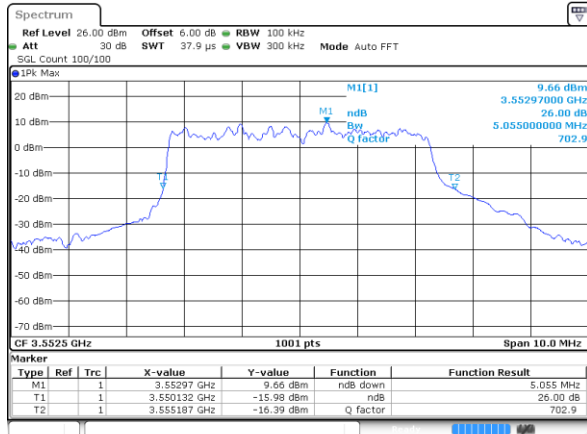
## Highest Channel / 20MHz / 16QAM





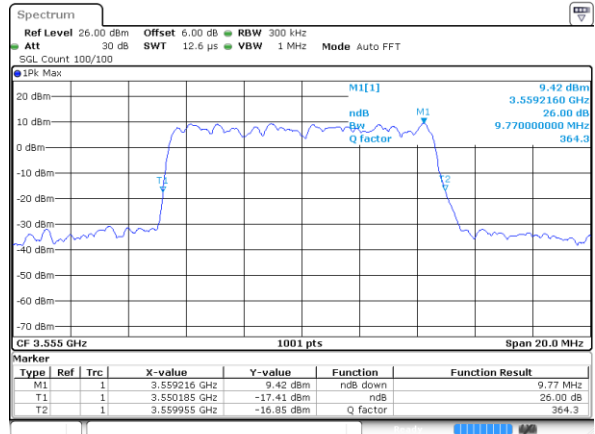
## LTE Band 48

## Lowest Channel / 5MHz / 64QAM



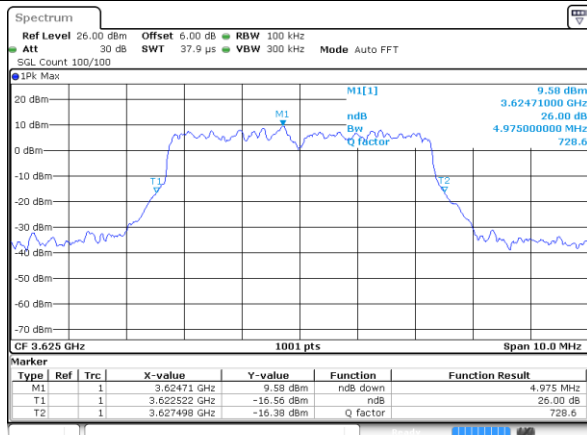
Date: 4 APR 2020 02:16:32

## Lowest Channel / 10MHz / 64QAM



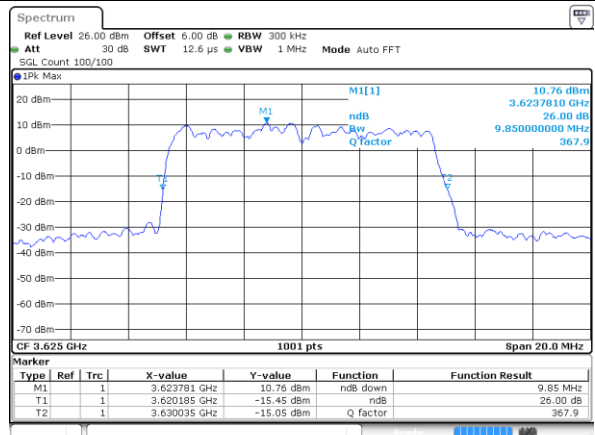
Date: 4 APR 2020 02:57:19

## Middle Channel / 5MHz / 64QAM



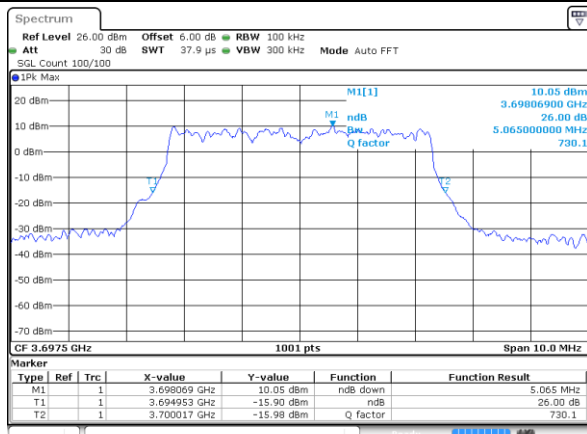
Date: 4 APR 2020 02:17:52

## Middle Channel / 10MHz / 64QAM



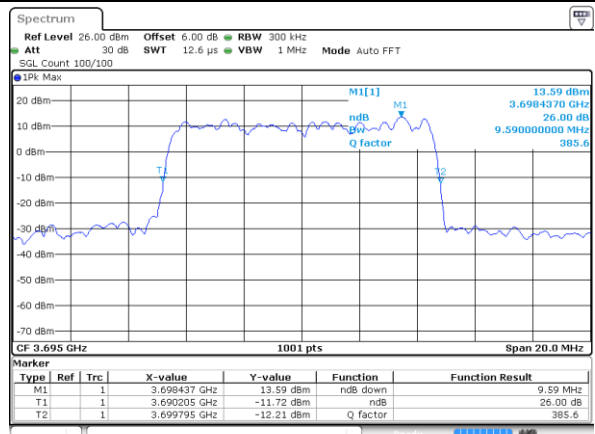
Date: 4 APR 2020 02:58:16

## Highest Channel / 5MHz / 64QAM



Date: 4 APR 2020 02:20:40

## Highest Channel / 10MHz / 64QAM

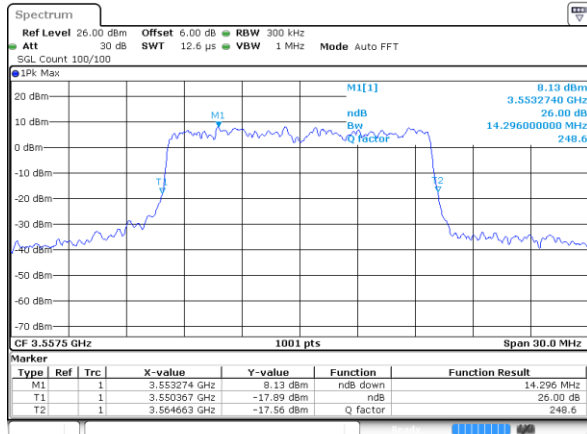


Date: 4 APR 2020 03:01:03

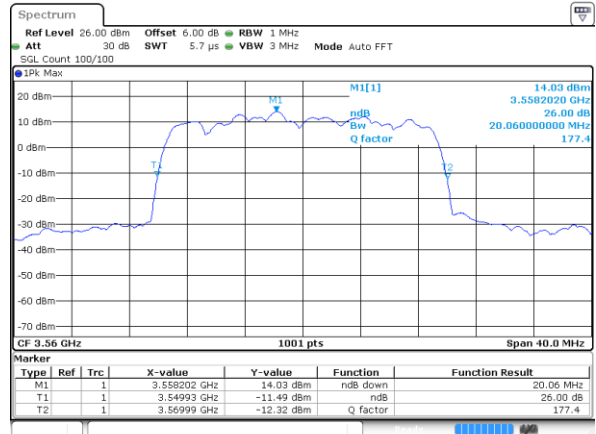


## LTE Band 48

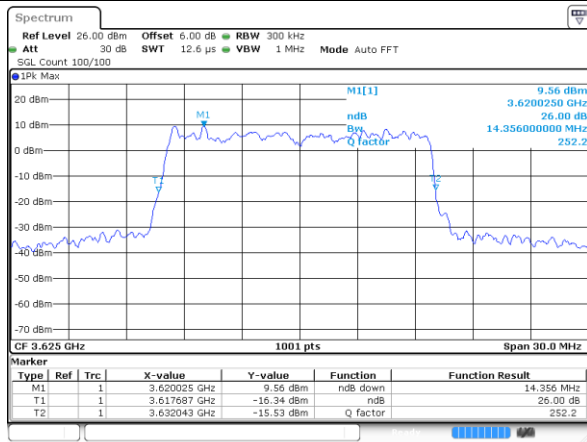
## Lowest Channel / 15MHz / 64QAM



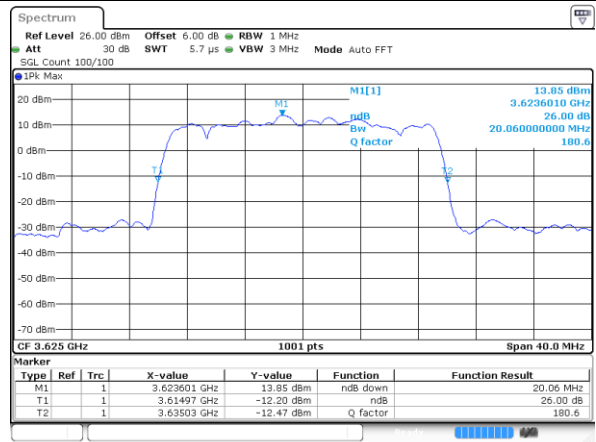
## Lowest Channel / 20MHz / 64QAM



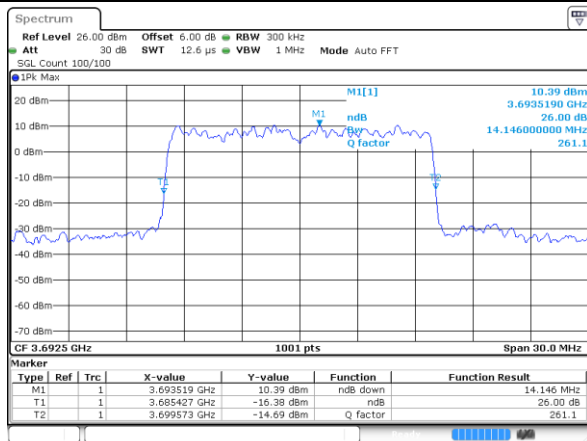
## Middle Channel / 15MHz / 64QAM



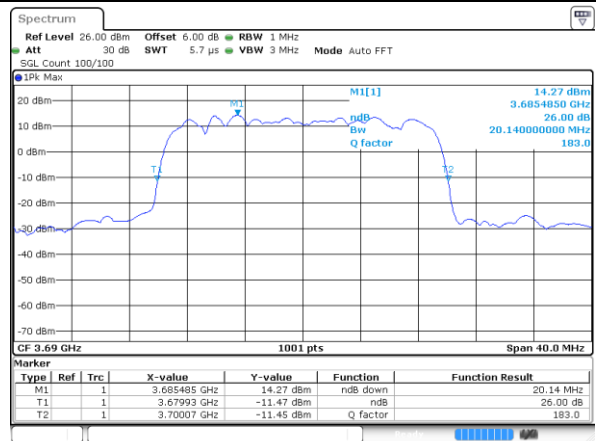
## Middle Channel / 20MHz / 64QAM



## Highest Channel / 15MHz / 64QAM



## Highest Channel / 20MHz / 64QAM



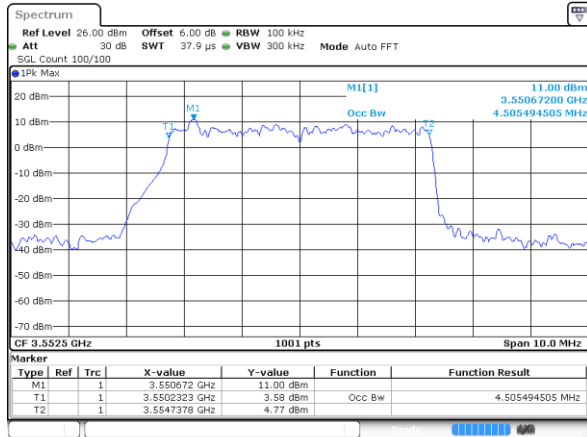
## Occupied Bandwidth

| Mode       | LTE Band 48 : 99%OBW(MHz) |       |       |       |       |       |       |       |
|------------|---------------------------|-------|-------|-------|-------|-------|-------|-------|
| BW         | 5MHz                      |       | 10MHz |       | 15MHz |       | 20MHz |       |
| Mod.       | QPSK                      | 16QAM | QPSK  | 16QAM | QPSK  | 16QAM | QPSK  | 16QAM |
| Lowest CH  | 4.51                      | 4.52  | 9.03  | 8.99  | 13.55 | 13.43 | 18.42 | 18.34 |
| Middle CH  | 4.51                      | 4.51  | 9.05  | 9.03  | 13.40 | 13.49 | 18.34 | 18.30 |
| Highest CH | 4.54                      | 4.51  | 9.05  | 9.07  | 13.43 | 13.37 | 18.46 | 18.46 |
| Mode       | LTE Band 48 : 99%OBW(MHz) |       |       |       |       |       |       |       |
| BW         | 5MHz                      |       | 10MHz |       | 15MHz |       | 20MHz |       |
| Mod.       | 64QAM                     |       | 64QAM |       | 64QAM |       | 64QAM |       |
| Lowest CH  | 4.49                      |       | 9.13  |       | 13.46 |       | 18.34 |       |
| Middle CH  | 4.49                      |       | 9.01  |       | 13.37 |       | 18.22 |       |
| Highest CH | 4.48                      |       | 9.07  |       | 13.49 |       | 18.50 |       |



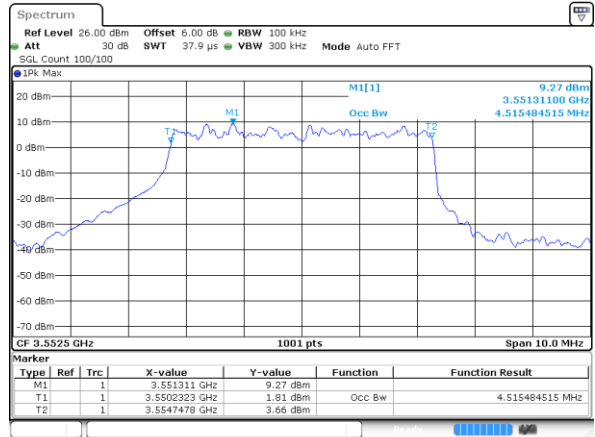
## LTE Band 48

## Lowest Channel / 5MHz / QPSK



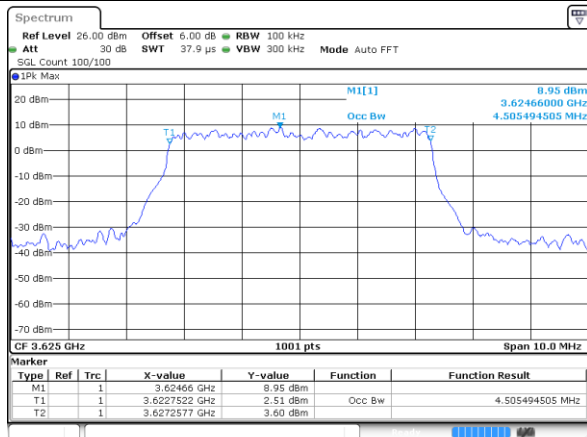
Date: 4 APR 2020 02:15:17

## Lowest Channel / 5MHz / 16QAM



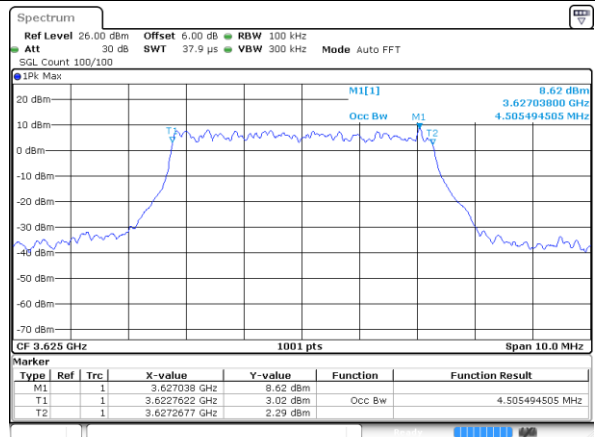
Date: 4 APR 2020 02:15:52

## Middle Channel / 5MHz / QPSK



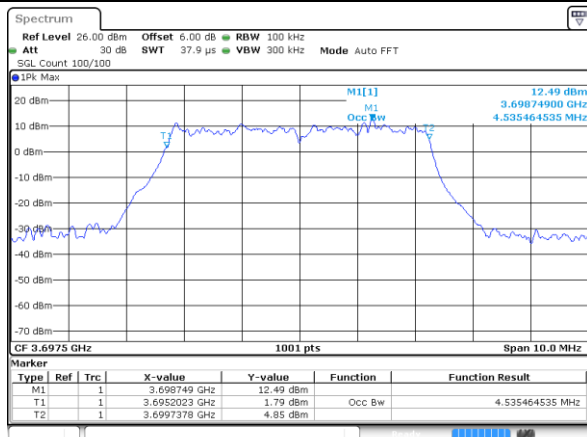
Date: 4 APR 2020 02:18:42

## Middle Channel / 5MHz / 16QAM



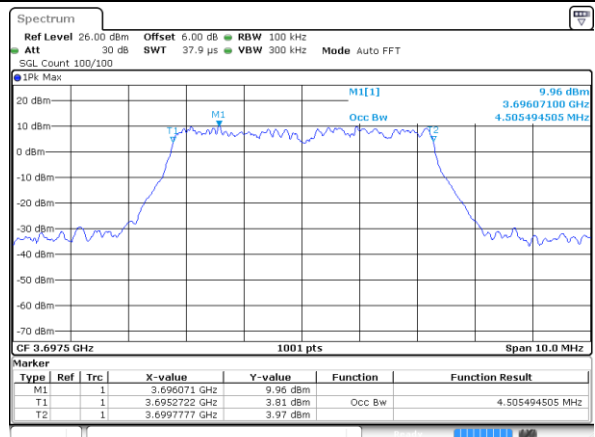
Date: 4 APR 2020 02:18:11

## Highest Channel / 5MHz / QPSK



Date: 4 APR 2020 02:19:30

## Highest Channel / 5MHz / 16QAM

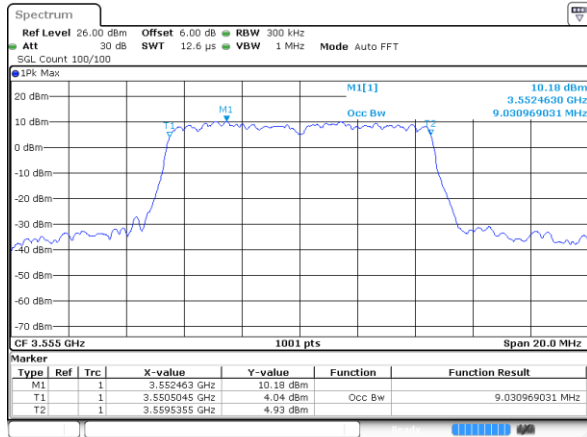


Date: 4 APR 2020 02:19:59

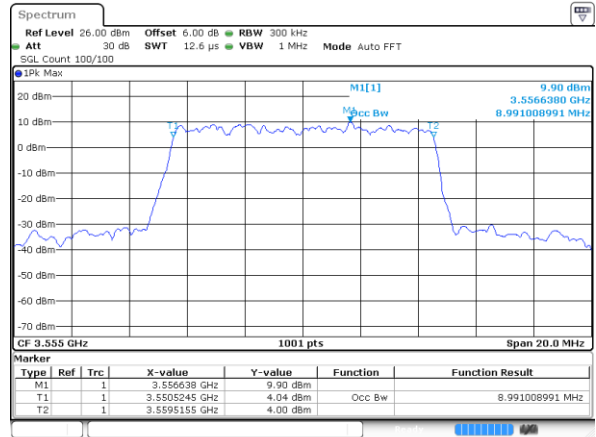


## LTE Band 48

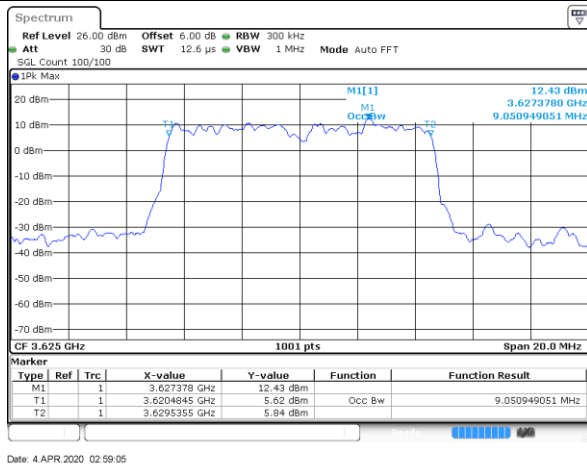
## Lowest Channel / 10MHz / QPSK



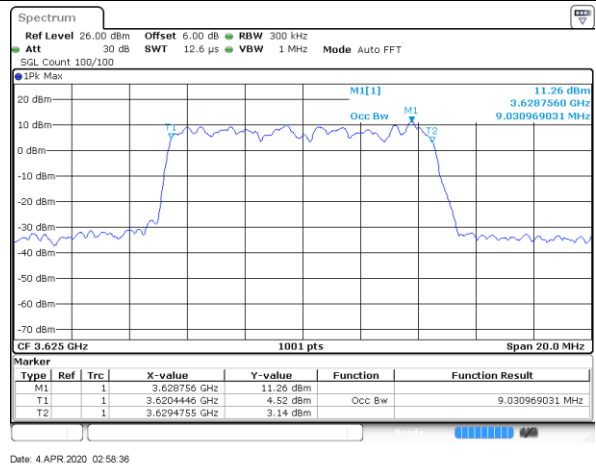
## Lowest Channel / 10MHz / 16QAM



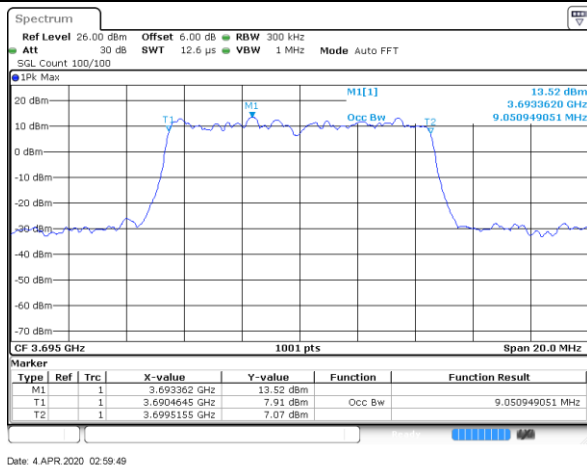
## Middle Channel / 10MHz / QPSK



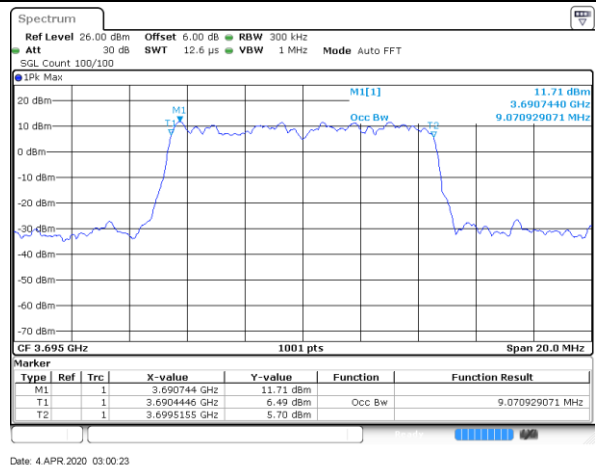
## Middle Channel / 10MHz / 16QAM



## Highest Channel / 10MHz / QPSK



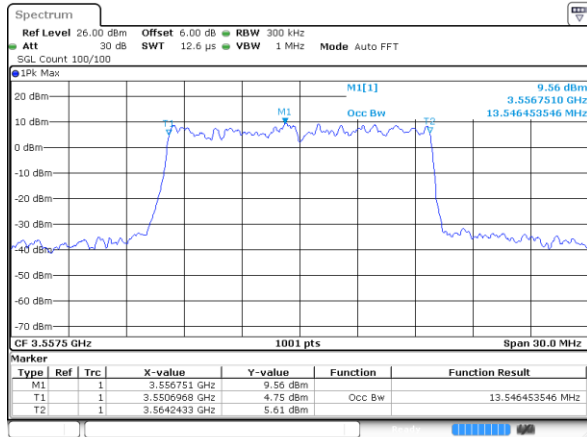
## Highest Channel / 10MHz / 16QAM





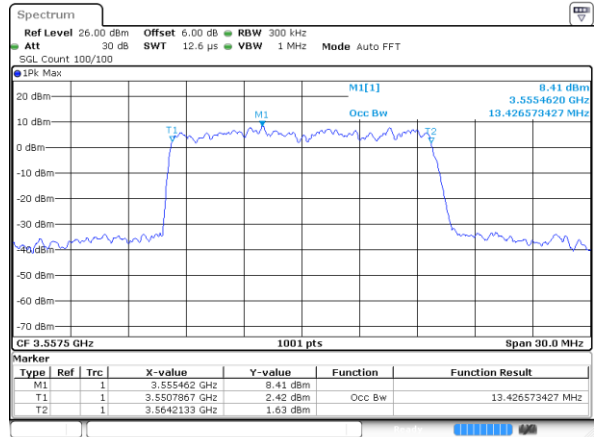
## LTE Band 48

## Lowest Channel / 15MHz / QPSK



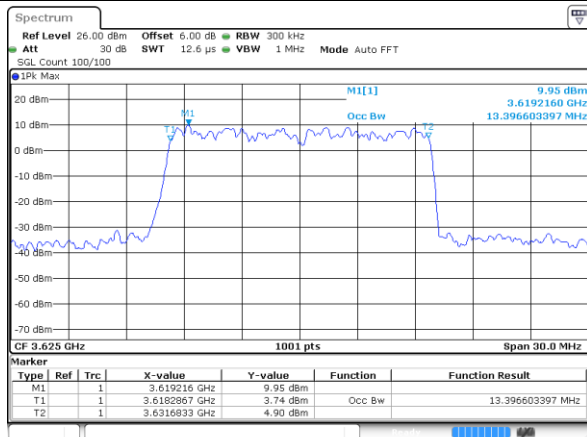
Date: 4 APR 2020 03:16:11

## Lowest Channel / 15MHz / 16QAM



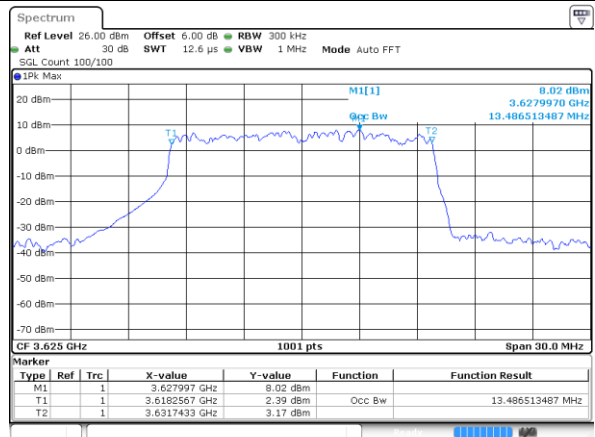
Date: 4 APR 2020 03:15:37

## Middle Channel / 15MHz / QPSK



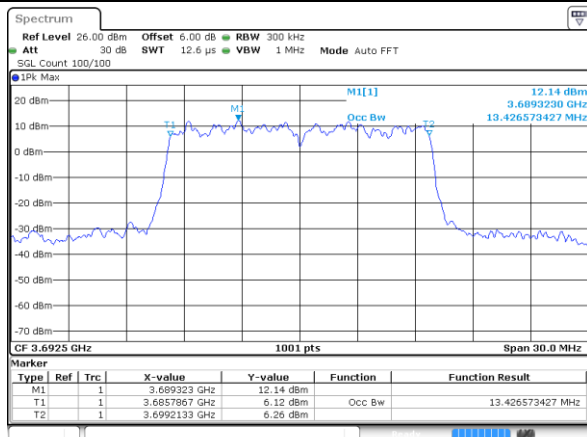
Date: 4 APR 2020 03:16:49

## Middle Channel / 15MHz / 16QAM



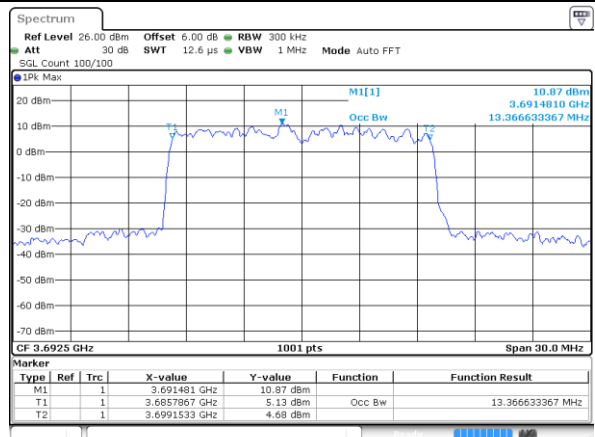
Date: 4 APR 2020 03:17:19

## Highest Channel / 15MHz / QPSK



Date: 4 APR 2020 03:19:49

## Highest Channel / 15MHz / 16QAM

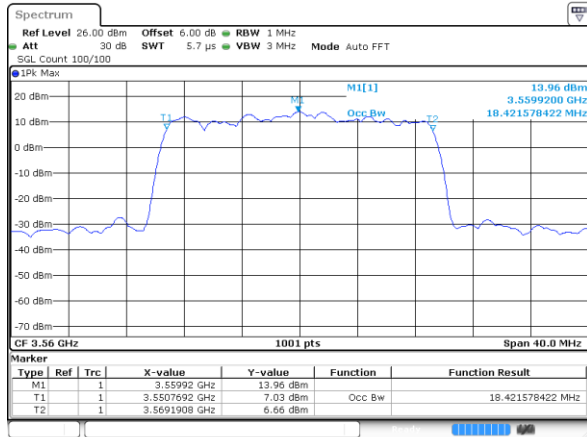


Date: 4 APR 2020 03:19:22



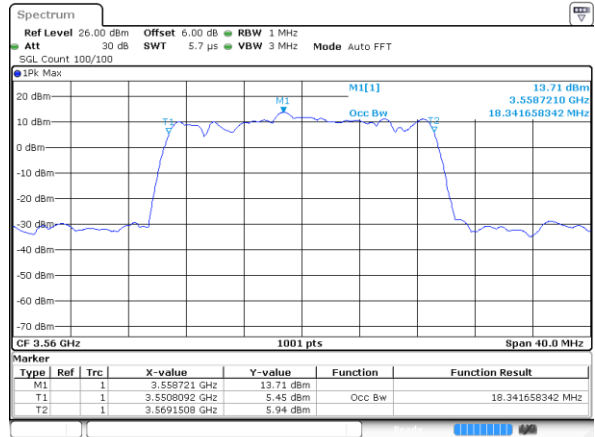
## LTE Band 48

## Lowest Channel / 20MHz / QPSK



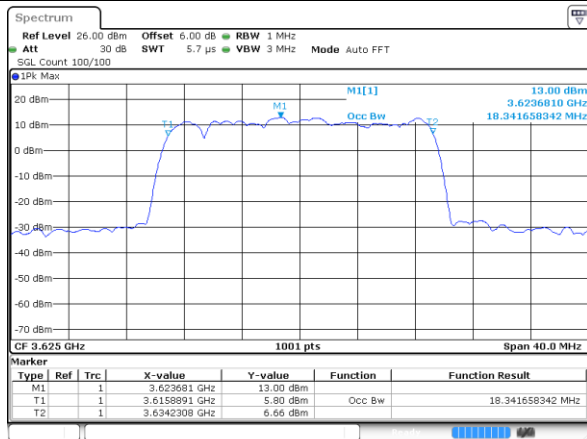
Date: 4 APR 2020 03:50:51

## Lowest Channel / 20MHz / 16QAM



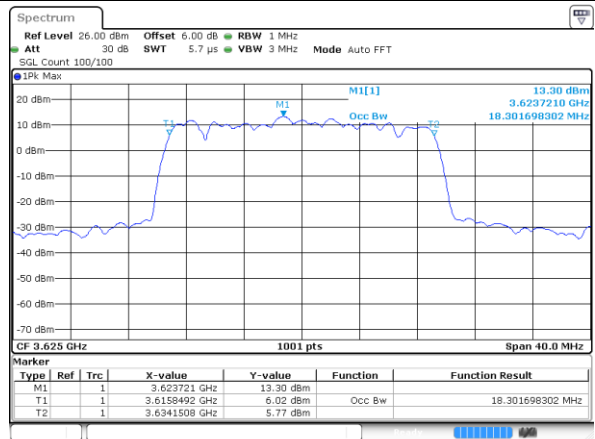
Date: 4 APR 2020 03:49:50

## Middle Channel / 20MHz / QPSK



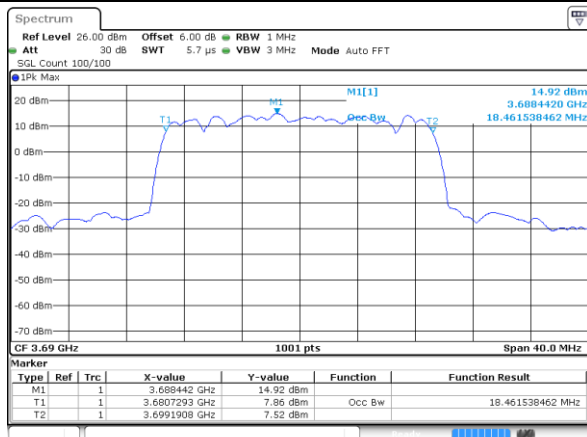
Date: 4 APR 2020 03:46:21

## Middle Channel / 20MHz / 16QAM



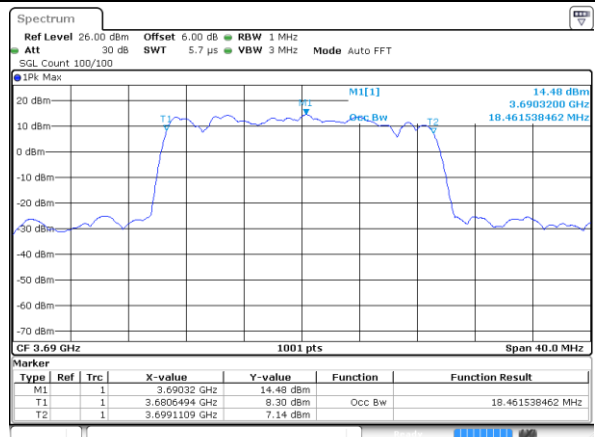
Date: 4 APR 2020 03:47:02

## Highest Channel / 20MHz / QPSK



Date: 4 APR 2020 03:45:35

## Highest Channel / 20MHz / 16QAM

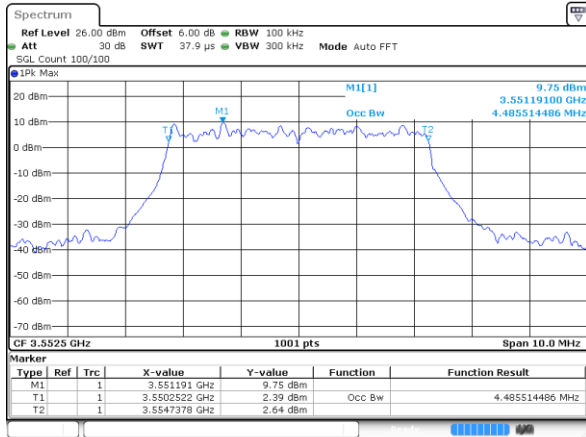


Date: 4 APR 2020 03:44:11



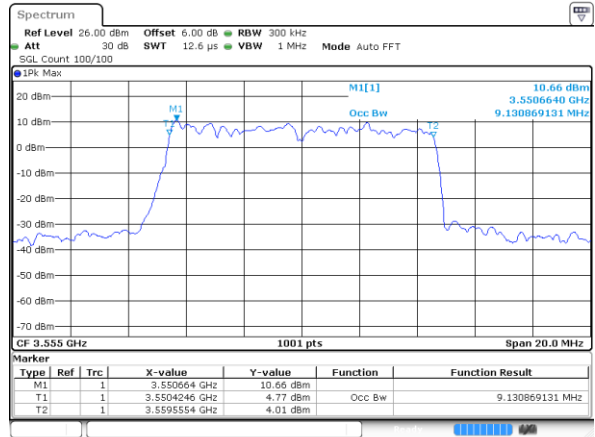
## LTE Band 48

## Lowest Channel / 5MHz / 64QAM



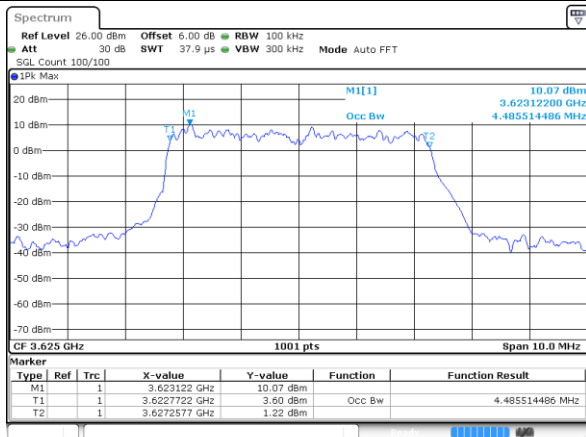
Date: 4 APR 2020 02:16:20

## Lowest Channel / 10MHz / 64QAM



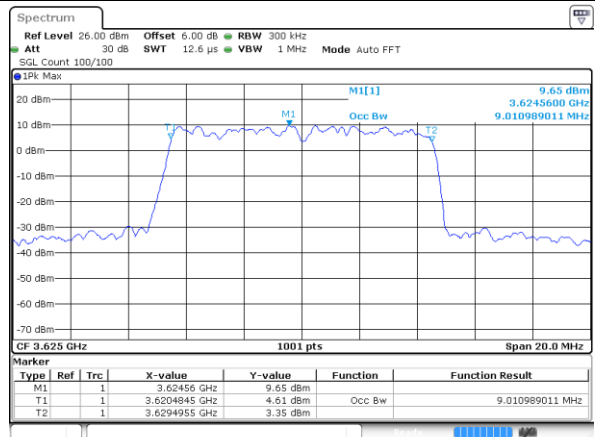
Date: 4 APR 2020 02:57:08

## Middle Channel / 5MHz / 64QAM



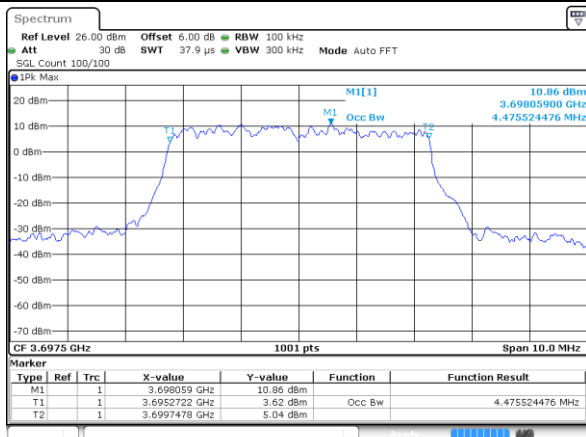
Date: 4 APR 2020 02:17:42

## Middle Channel / 10MHz / 64QAM



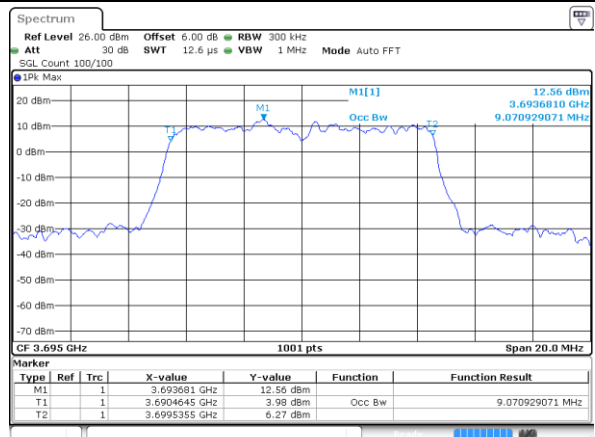
Date: 4 APR 2020 02:58:05

## Highest Channel / 5MHz / 64QAM



Date: 4 APR 2020 02:20:30

## Highest Channel / 10MHz / 64QAM

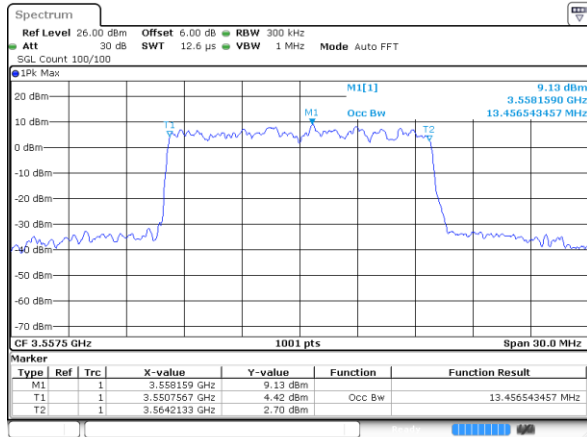


Date: 4 APR 2020 03:00:52

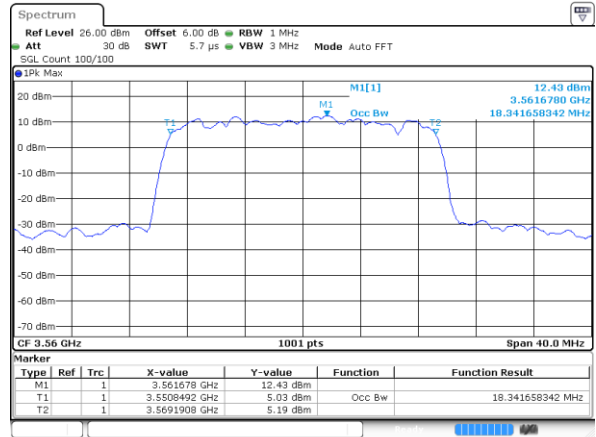


## LTE Band 48

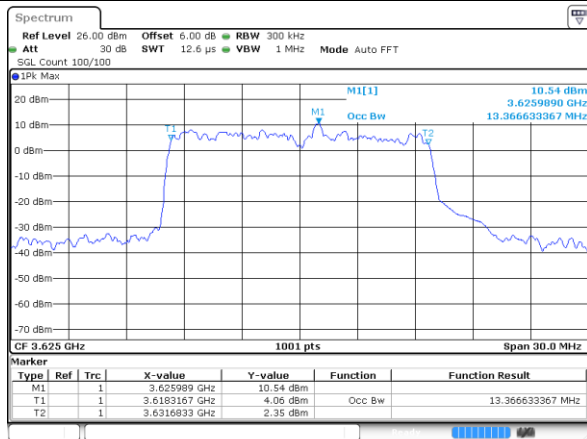
## Lowest Channel / 15MHz / 64QAM



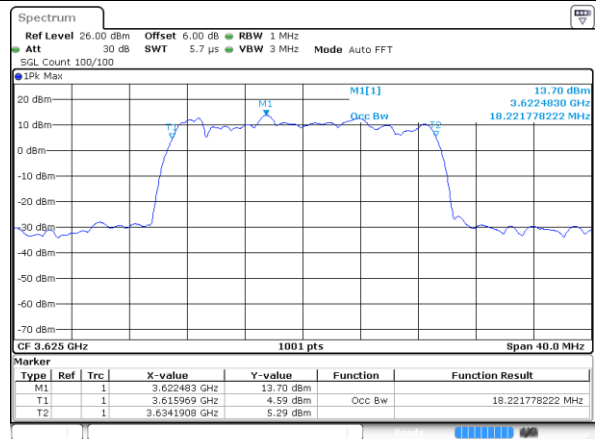
## Lowest Channel / 20MHz / 64QAM



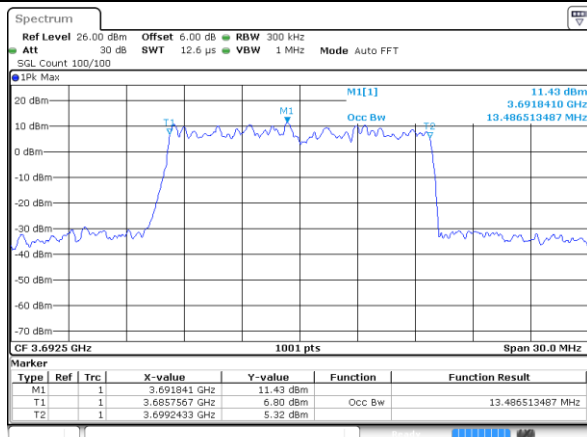
## Middle Channel / 15MHz / 64QAM



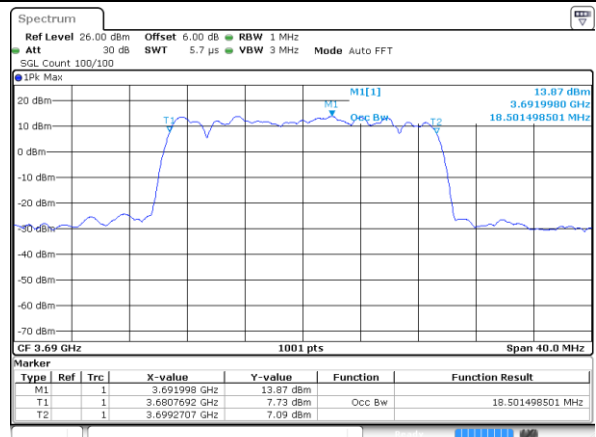
## Middle Channel / 20MHz / 64QAM

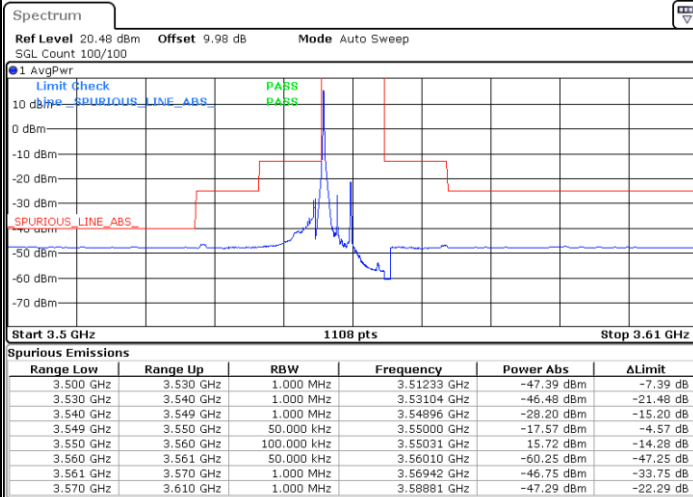


## Highest Channel / 15MHz / 64QAM

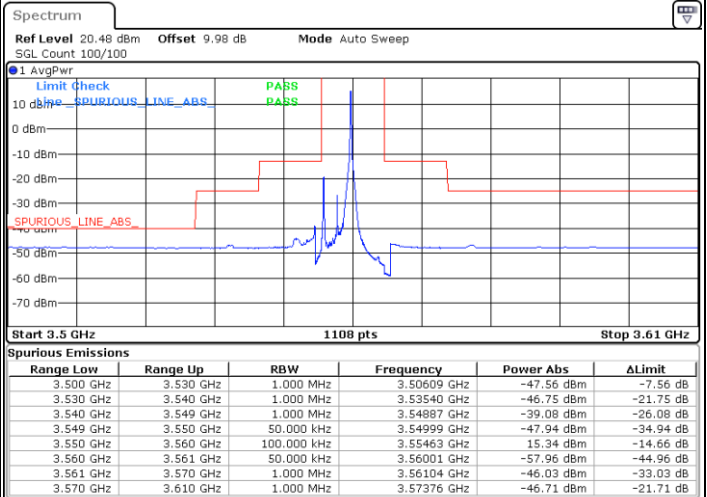


## Highest Channel / 20MHz / 64QAM

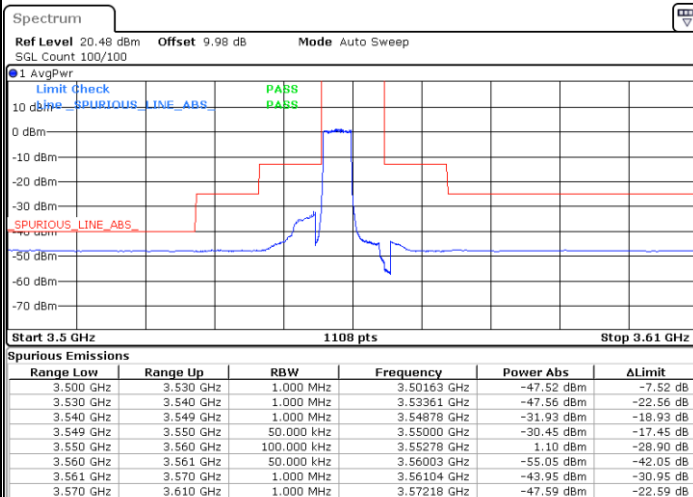


**Conducted Band Edge****LTE Band 48 / 5MHz****QPSK****Lowest Channel / 1RB0****Lowest Channel / 1RBmax**

Date: 10 APR 2020 18:42:47



Date: 10 APR 2020 18:48:27

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

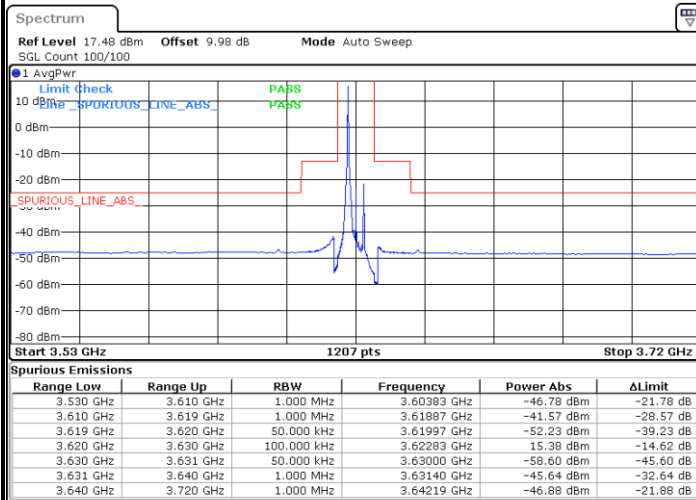
Date: 10 APR 2020 18:49:29



## LTE Band 48 / 5MHz

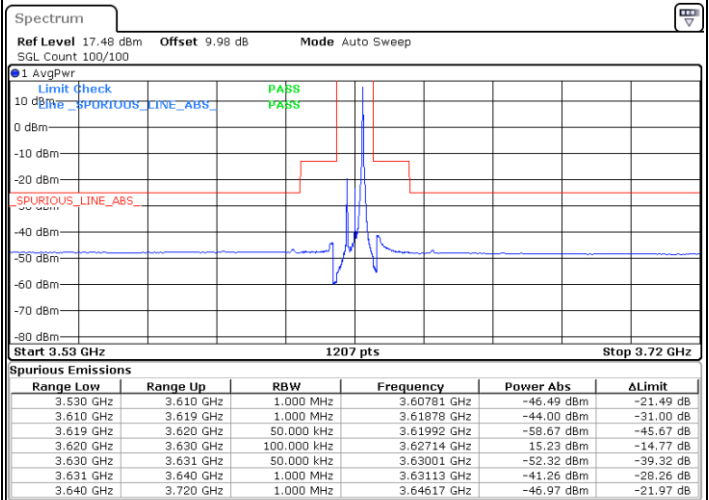
## QPSK

## Middle Channel / 1RB0



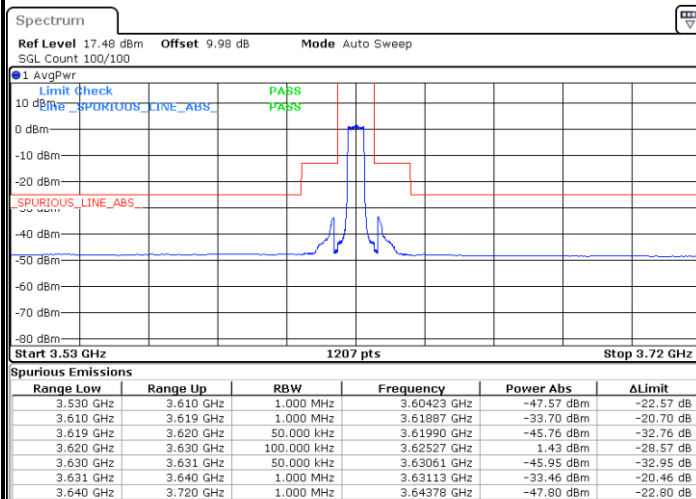
Date: 10 APR 2020 18:59:17

## Middle Channel / 1RBmax



Date: 10 APR 2020 19:05:06

## Middle Channel / FullRB



Date: 10 APR 2020 18:57:33

N/A

/

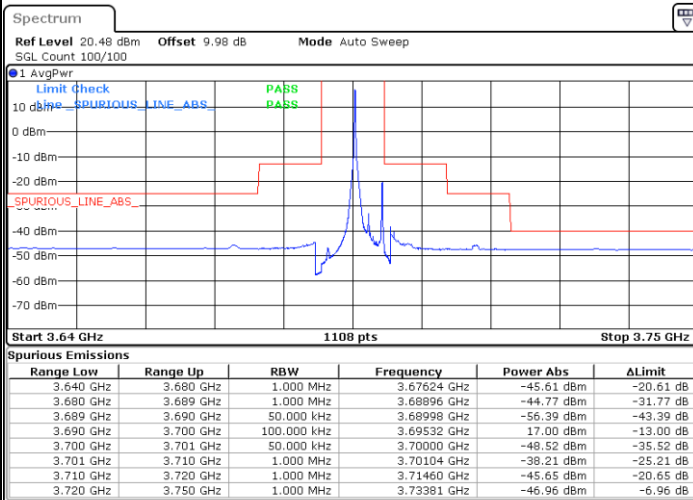


## LTE Band 48 / 5MHz

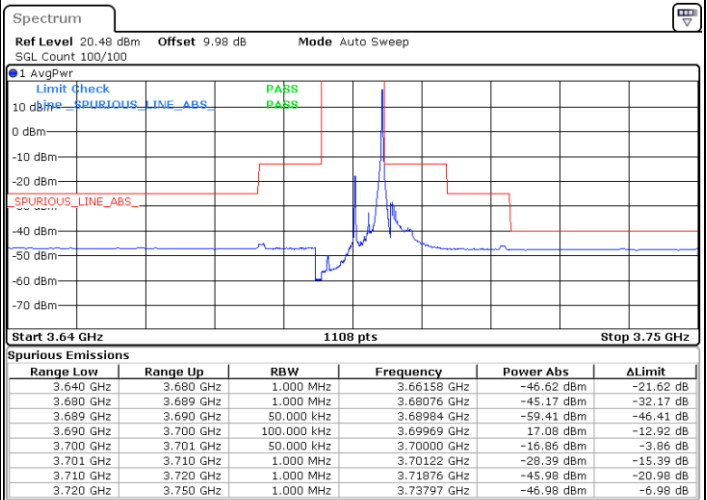
## QPSK

## Highest Channel / 1RB0

## Highest Channel / 1RBmax



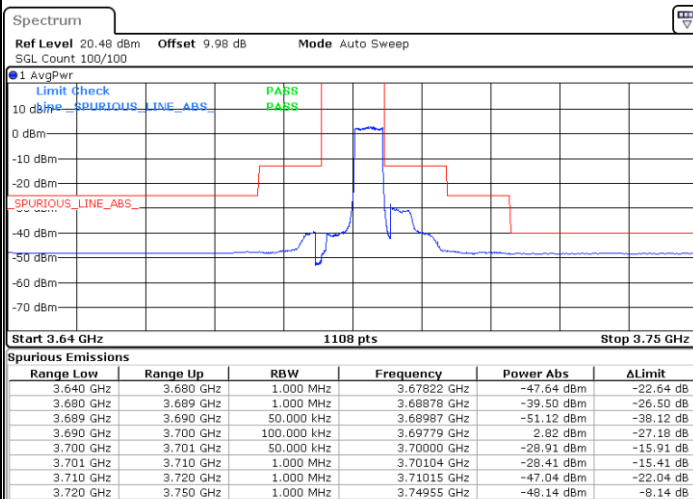
Date: 10 APR 2020 19:13:19



Date: 10 APR 2020 19:06:34

## Highest Channel / FullIRB

## N/A



Date: 10 APR 2020 19:14:33

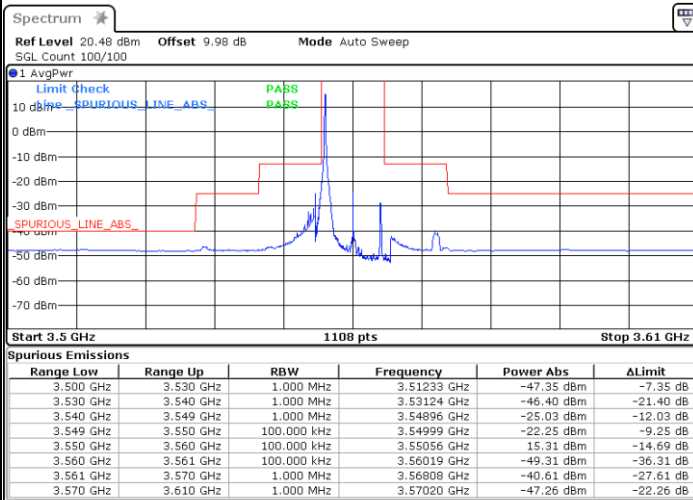


## LTE Band 48 / 10MHz

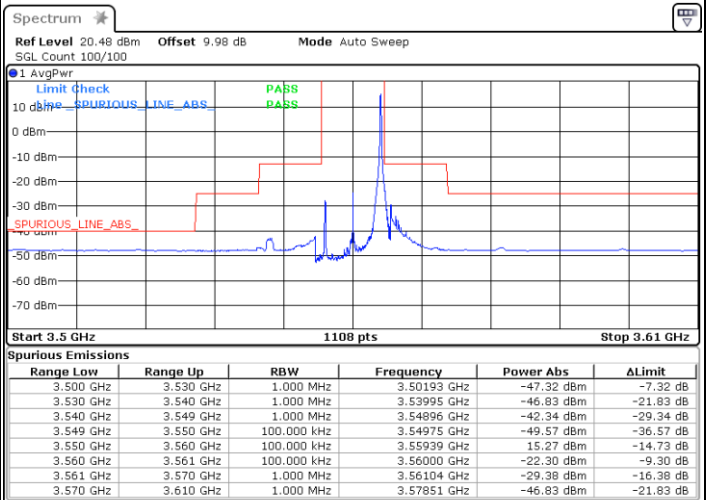
## QPSK

## Lowest Channel / 1RB0

## Lowest Channel / 1RBmax



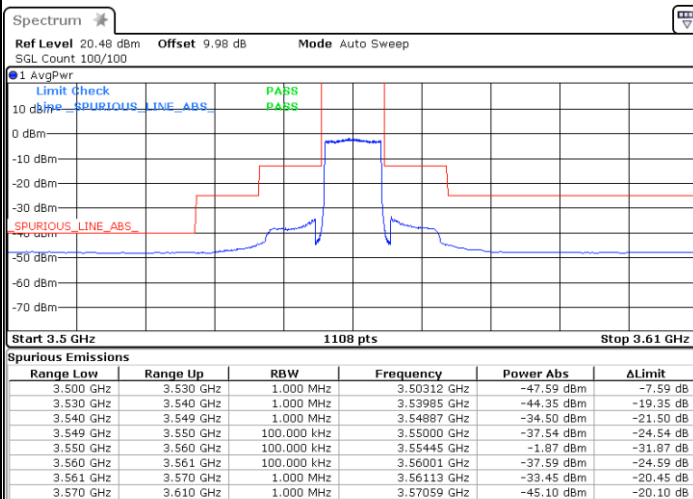
Date: 10 APR 2020 20:07:47



Date: 10 APR 2020 20:11:29

## Lowest Channel / FullRB

## N/A



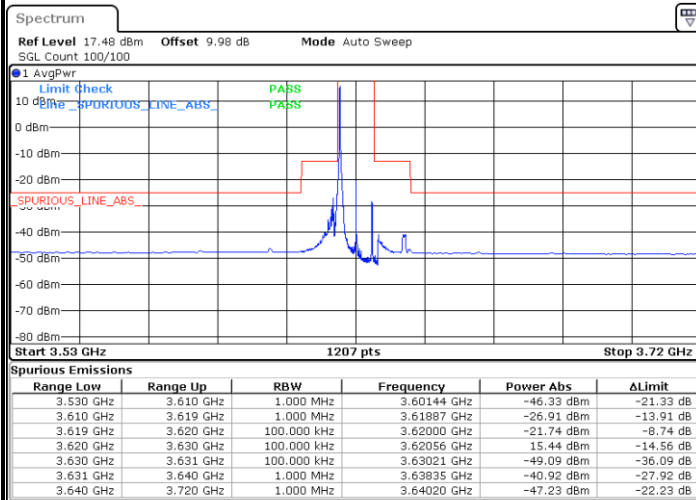
Date: 10 APR 2020 20:02:39



## LTE Band 48 / 10MHz

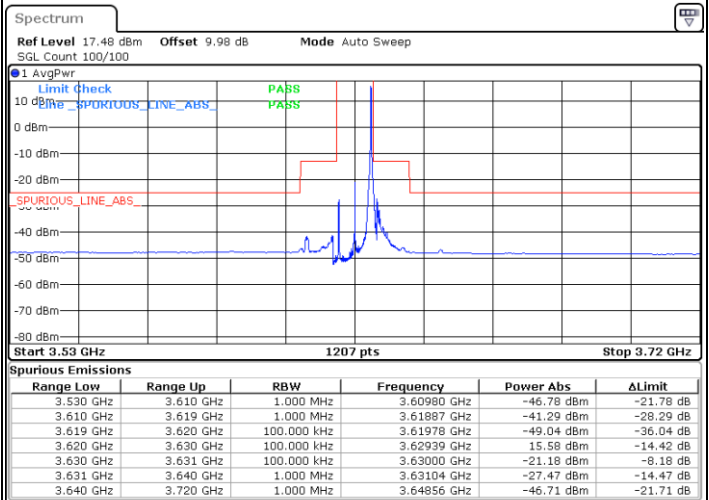
## QPSK

## MiddleChannel / 1RB0



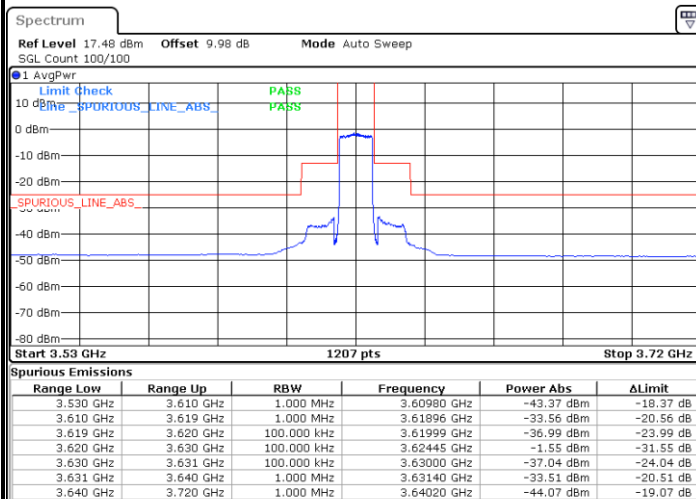
Date: 10 APR 2020 19:36:26

## Middle Channel / 1RBmax



Date: 10 APR 2020 19:31:52

## Middle Channel / FullIRB



Date: 10 APR 2020 19:37:15

N/A

/

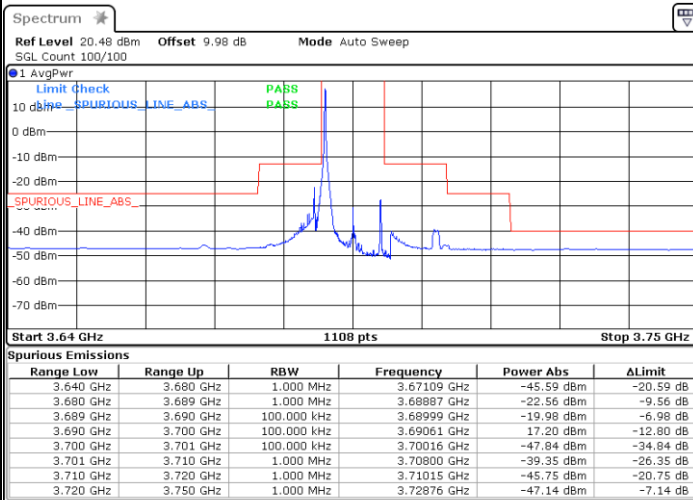


## LTE Band 48 / 10MHz

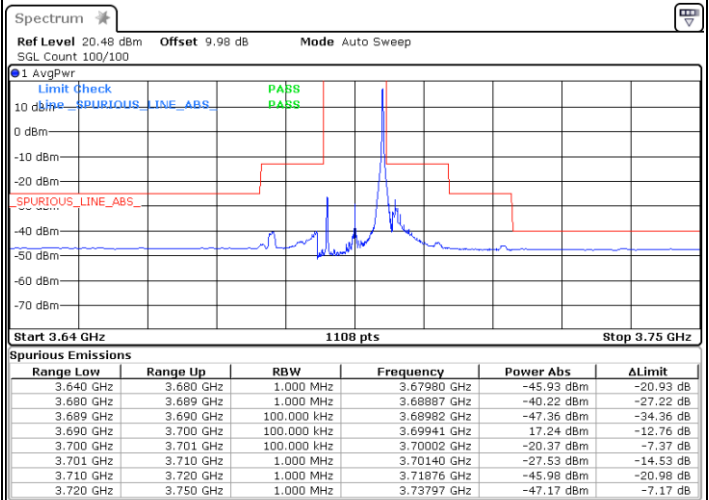
## QPSK

## Highest Channel / 1RB0

## Highest Channel / 1RBmax



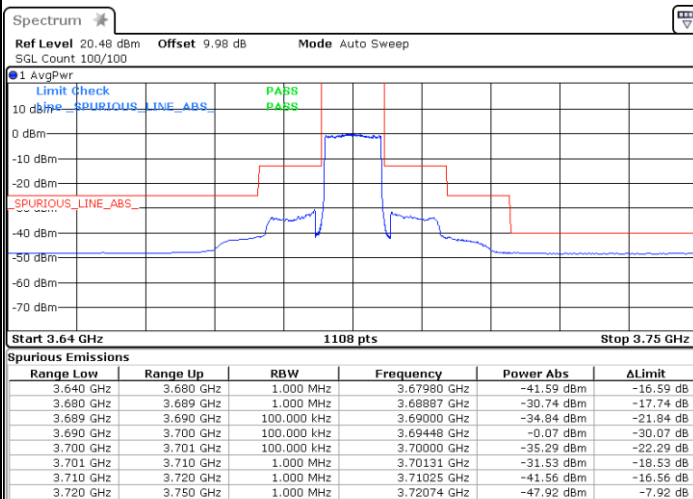
Date: 10 APR 2020 19:55:58



Date: 10 APR 2020 19:56:56

## Highest Channel / FullIRB

## N/A



Date: 10 APR 2020 20:01:36

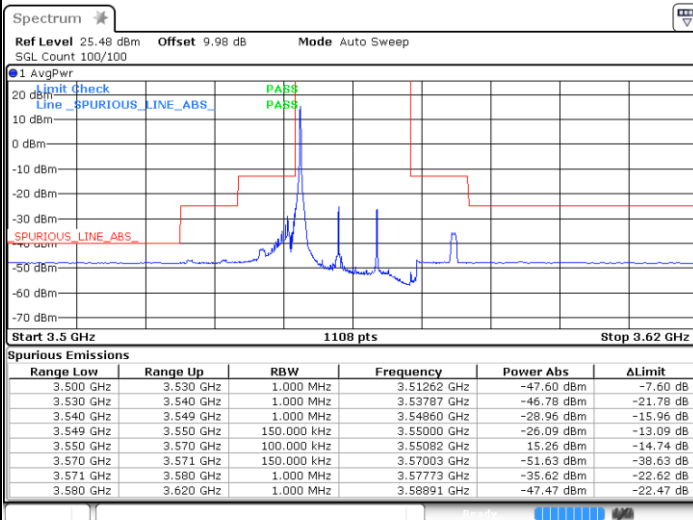


## LTE Band 48 / 15MHz

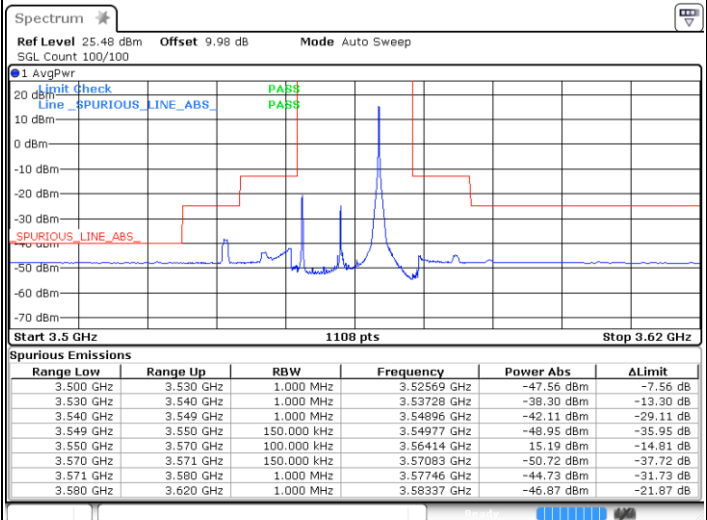
## QPSK

## Lowest Channel / 1RB0

## Lowest Channel / 1RBmax



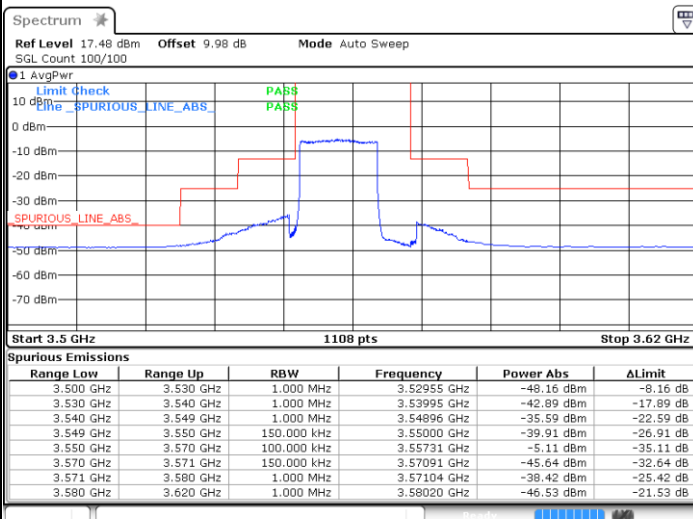
Date: 10 APR 2020 22:15:18



Date: 10 APR 2020 22:22:07

## Lowest Channel / FullRB

## N/A



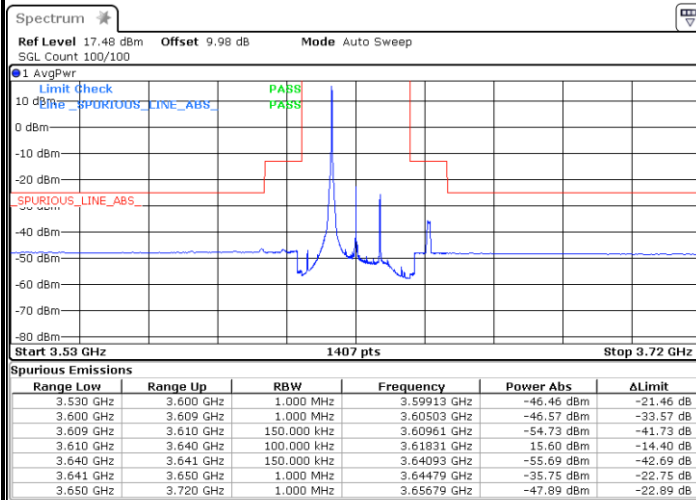
Date: 10 APR 2020 22:13:43



## LTE Band 48 / 15MHz

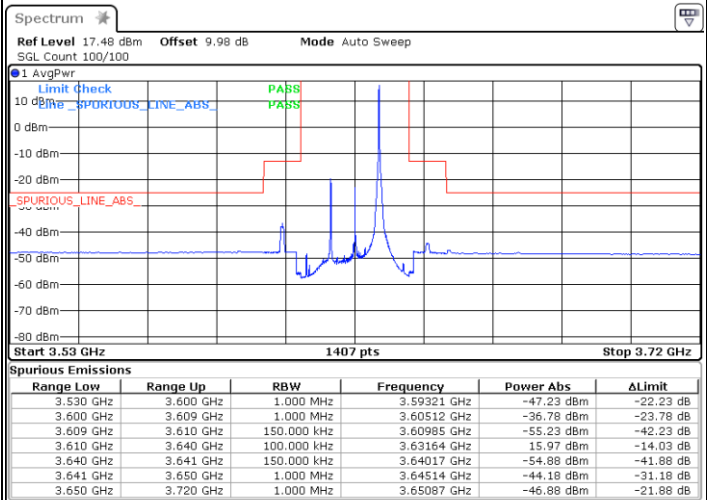
## QPSK

## Middle Channel / 1RB0



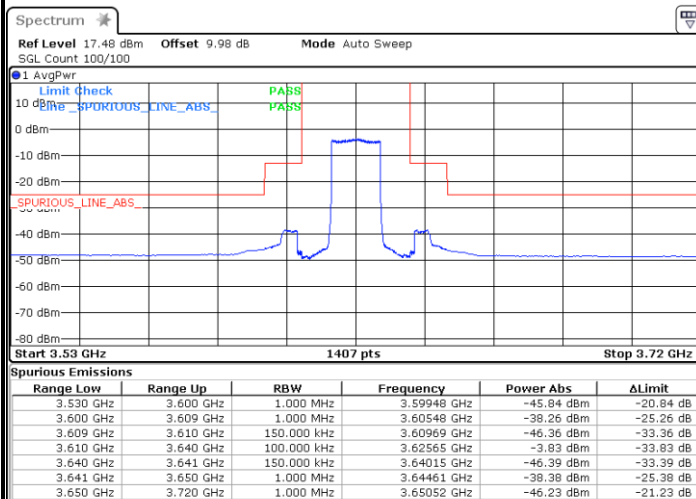
Date: 10 APR 2020 20:43:34

## Middle Channel / 1RBmax



Date: 10 APR 2020 20:46:21

## Middle Channel / FullIRB



Date: 10 APR 2020 22:06:03

N/A

/

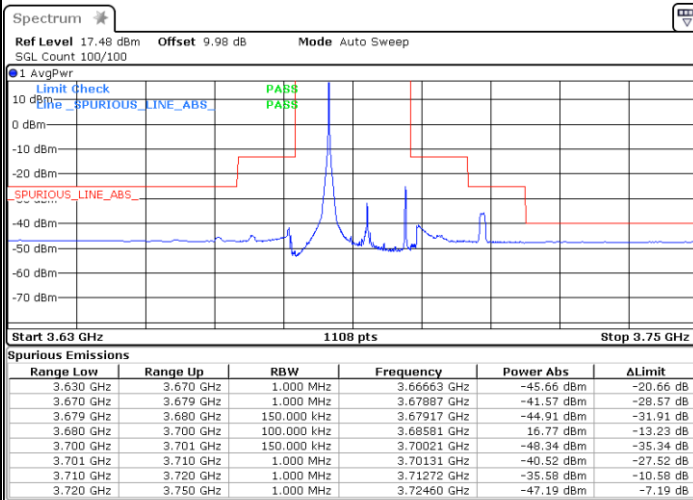


## LTE Band 48 / 15MHz

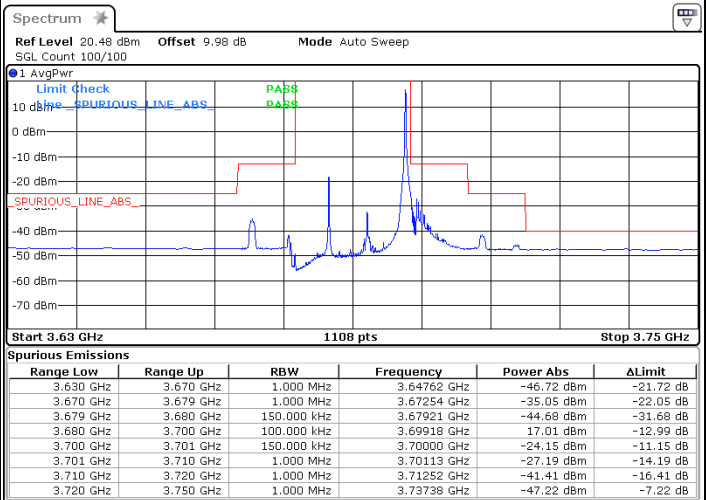
## QPSK

## Highest Channel / 1RB0

## Highest Channel / 1RBmax



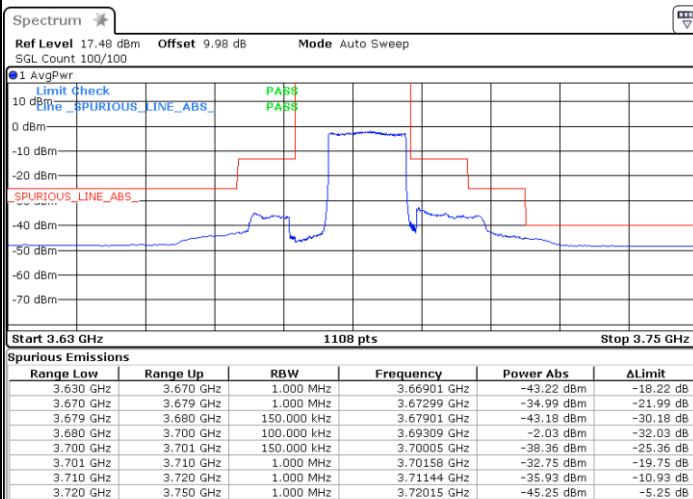
Date: 10 APR 2020 20:58:40



Date: 10 APR 2020 21:09:04

## Highest Channel / FullIRB

## N/A



Date: 10 APR 2020 20:57:16

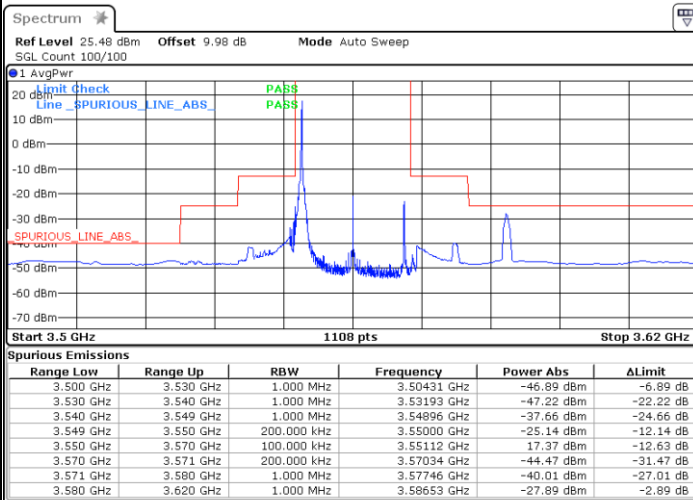


## LTE Band 48 / 20MHz

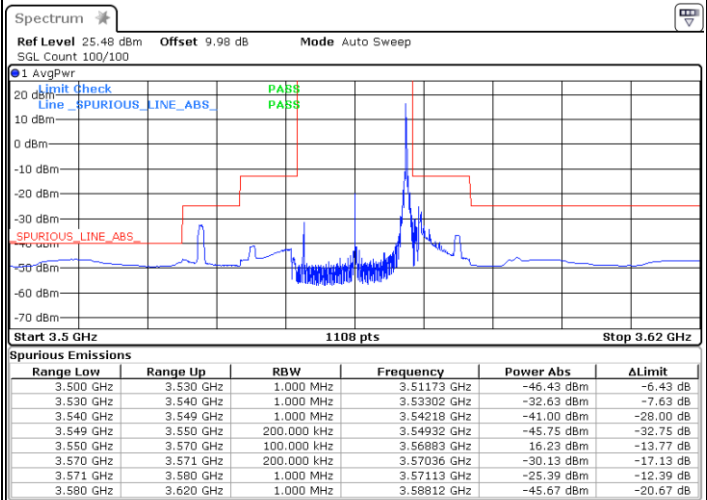
## QPSK

## Lowest Channel / 1RB0

## Lowest Channel / 1RBmax



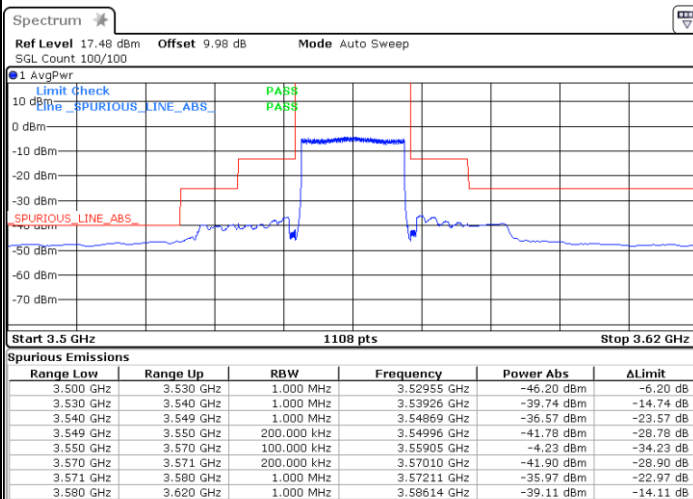
Date: 10 APR 2020 21:24:39



Date: 10 APR 2020 21:31:52

## Lowest Channel / FullRB

## N/A



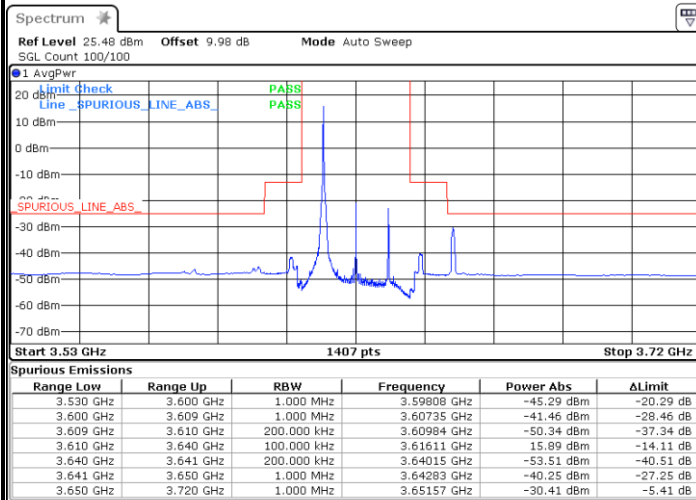
Date: 10 APR 2020 21:21:09



## LTE Band 48 / 20MHz

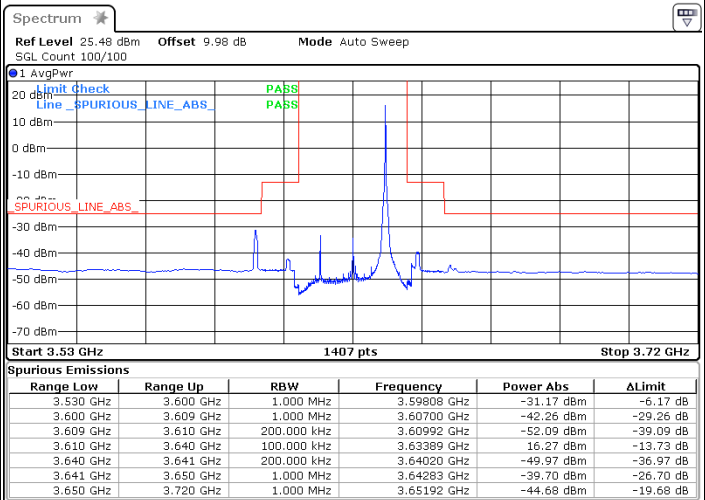
## QPSK

## Middle Channel / 1RB0



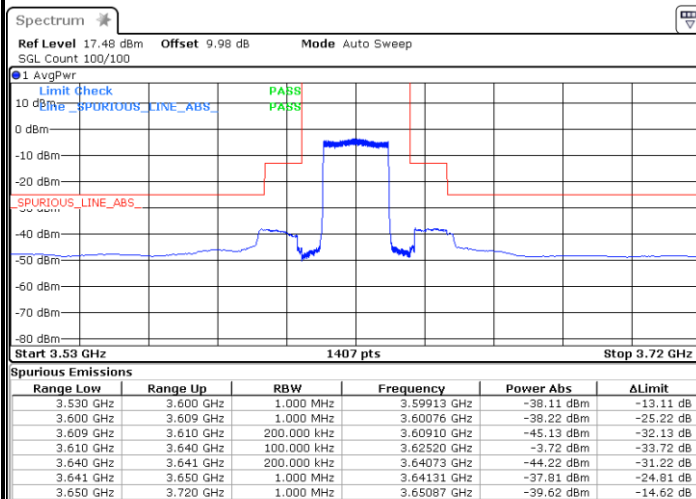
Date: 10 APR 2020 21:43:34

## Middle Channel / 1RBmax



Date: 10 APR 2020 21:34:20

## Middle Channel / FullIRB



Date: 10 APR 2020 21:45:29

N/A

/

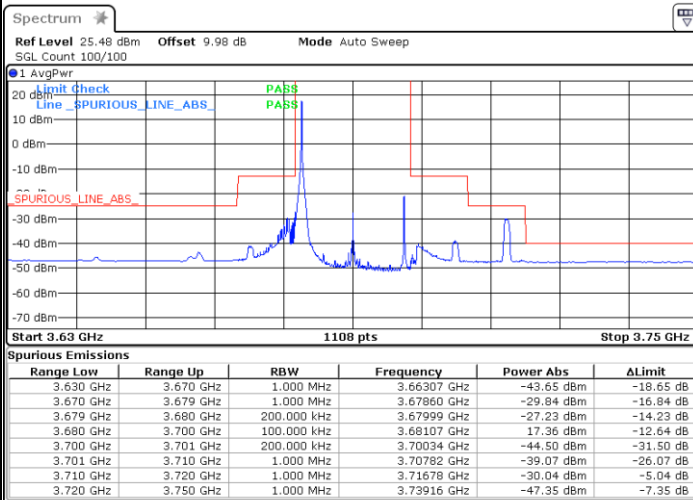


## LTE Band 48 / 20MHz

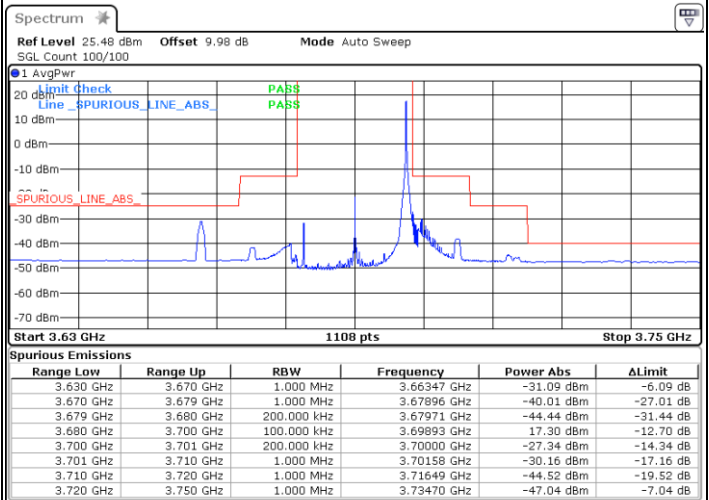
## QPSK

## Highest Channel / 1RB0

## Highest Channel / 1RBmax



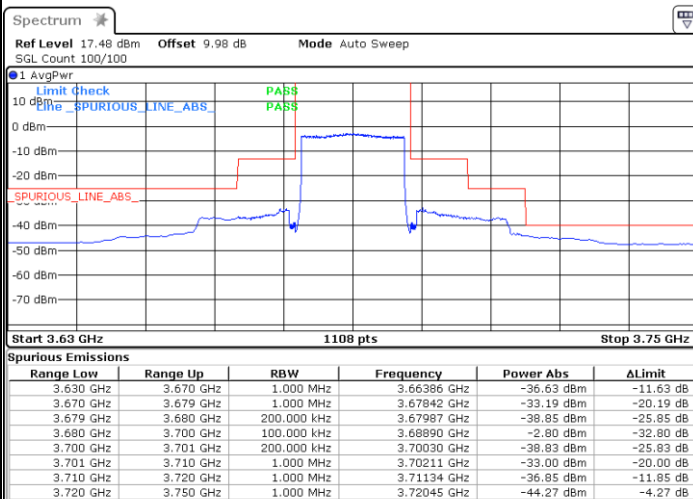
Date: 10 APR 2020 21:54:59



Date: 10 APR 2020 22:01:52

## Highest Channel / FullIRB

## N/A



Date: 10 APR 2020 21:53:31

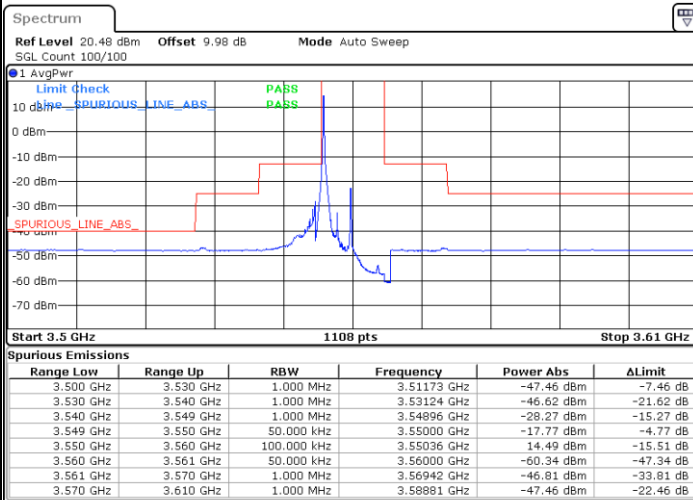


## LTE Band 48 / 5MHz

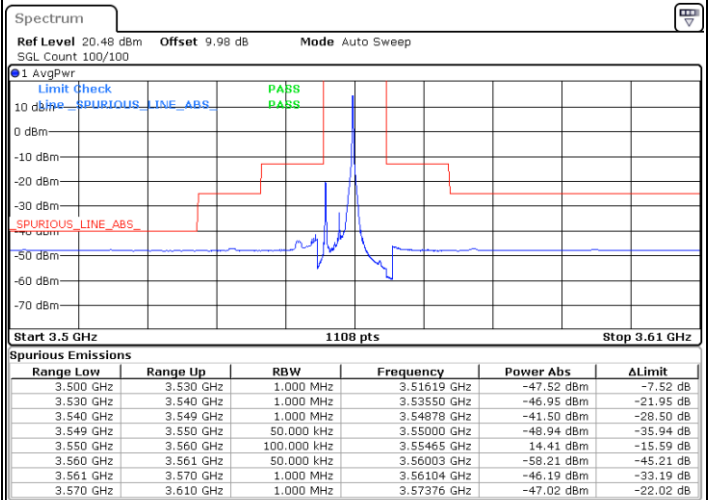
## 16QAM

## Lowest Channel / 1RB0

## Lowest Channel / 1RBmax



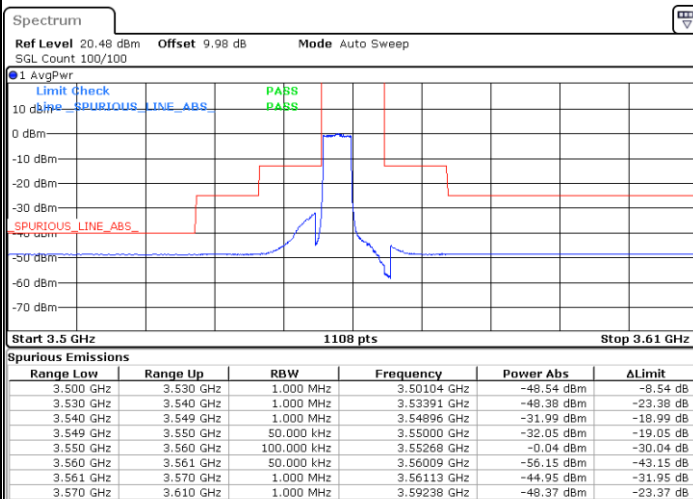
Date: 10 APR 2020 18:44:18



Date: 10 APR 2020 18:47:25

## Lowest Channel / FullRB

## N/A



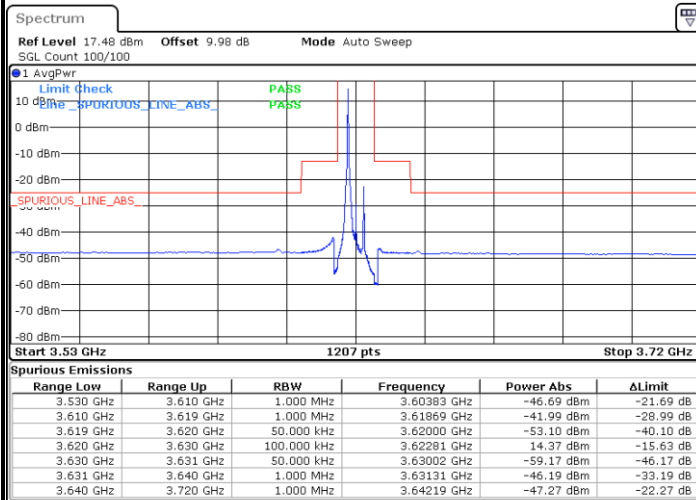
Date: 10 APR 2020 18:50:32



## LTE Band 48 / 5MHz

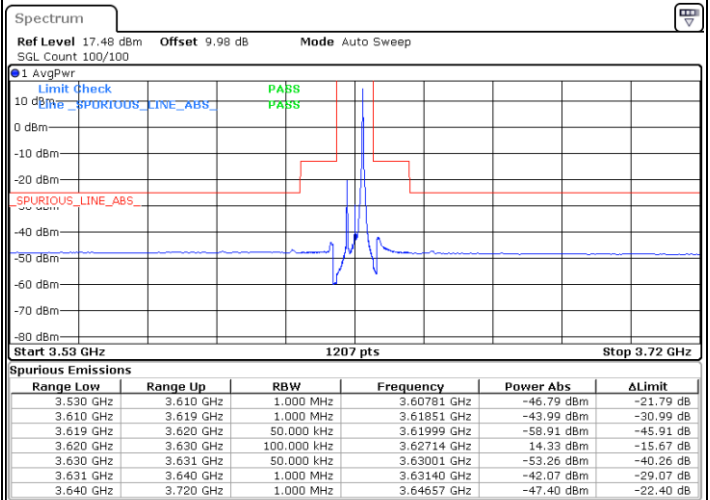
## 16QAM

## Middle Channel / 1RB0



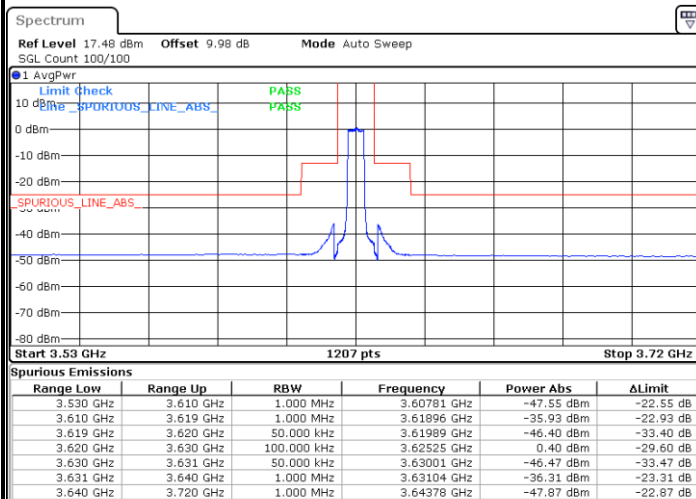
Date: 10 APR 2020 19:00:16

## Middle Channel / 1RBmax



Date: 10 APR 2020 19:03:49

## Middle Channel / FullRB



Date: 10 APR 2020 18:56:05

N/A

/

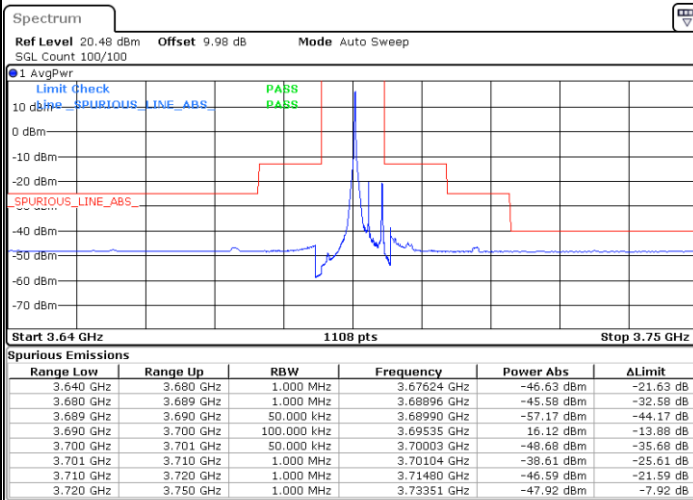


## LTE Band 48 / 5MHz

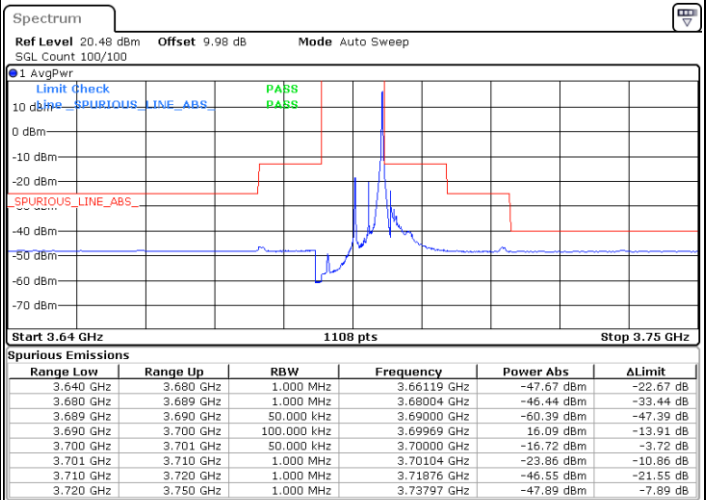
## 16QAM

## Highest Channel / 1RB0

## Highest Channel / 1RBmax



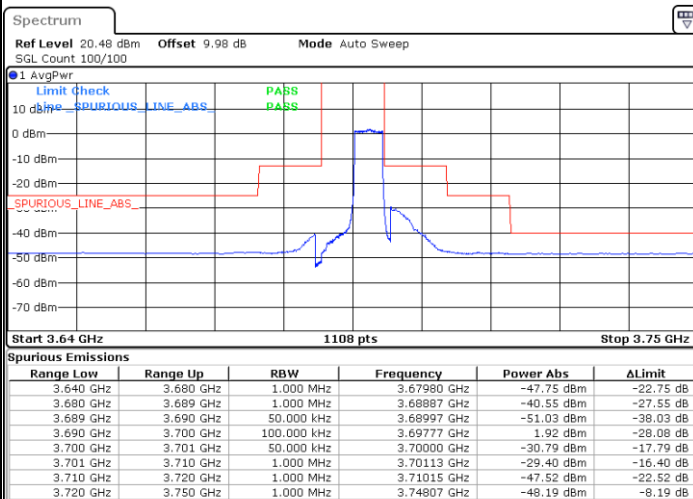
Date: 10 APR 2020 19:12:12



Date: 10 APR 2020 19:07:45

## Highest Channel / FullIRB

## N/A



Date: 10 APR 2020 19:15:34

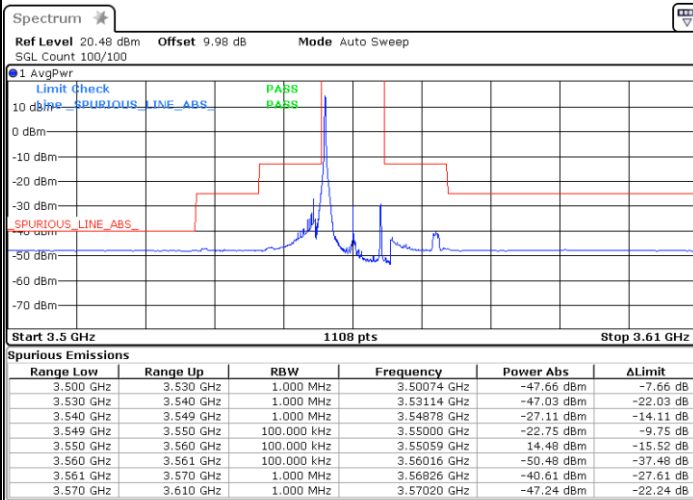


## LTE Band 48 / 10MHz

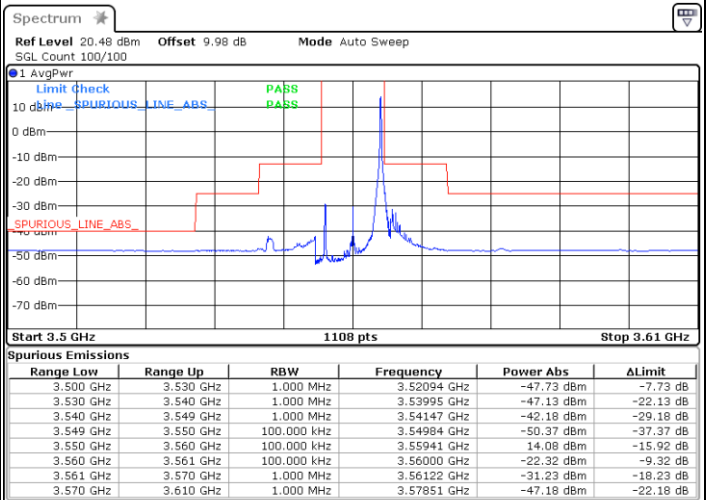
## 16QAM

## Lowest Channel / 1RB0

## Lowest Channel / 1RBmax



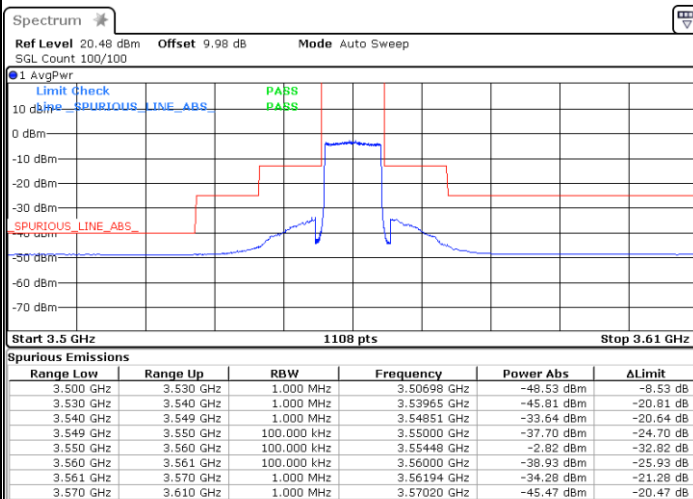
Date: 10 APR 2020 20:06:44



Date: 10 APR 2020 20:12:43

## Lowest Channel / FullRB

## N/A



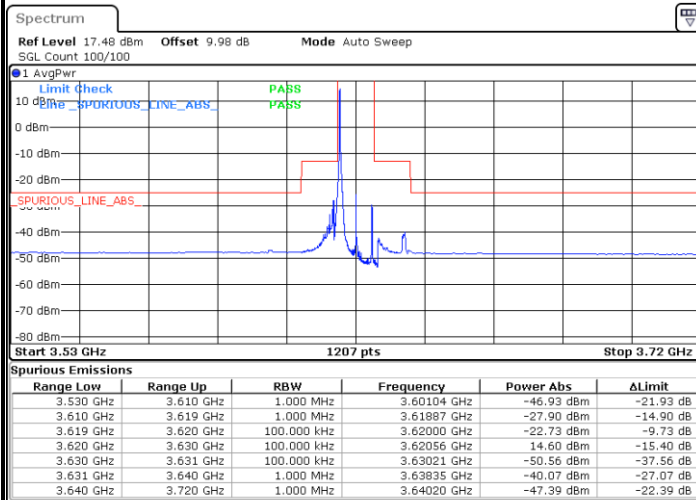
Date: 10 APR 2020 20:03:31



## LTE Band 48 / 10MHz

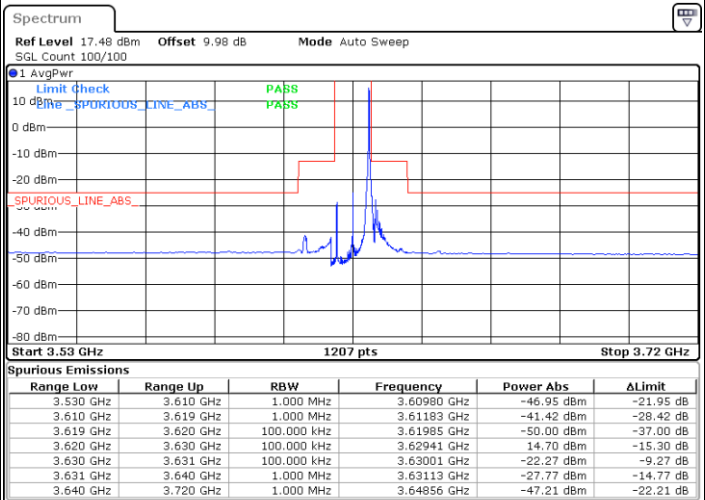
## 16QAM

## MiddleChannel / 1RB0



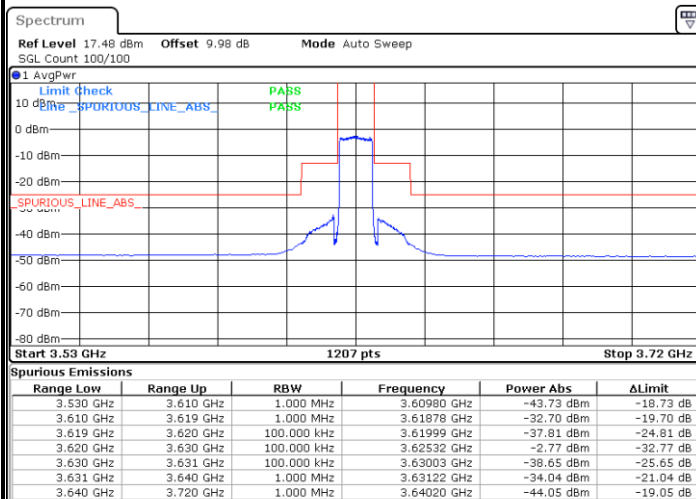
Date: 10 APR 2020 19:35:30

## Middle Channel / 1RBmax



Date: 10 APR 2020 19:32:45

## Middle Channel / FullRB



Date: 10 APR 2020 19:38:04

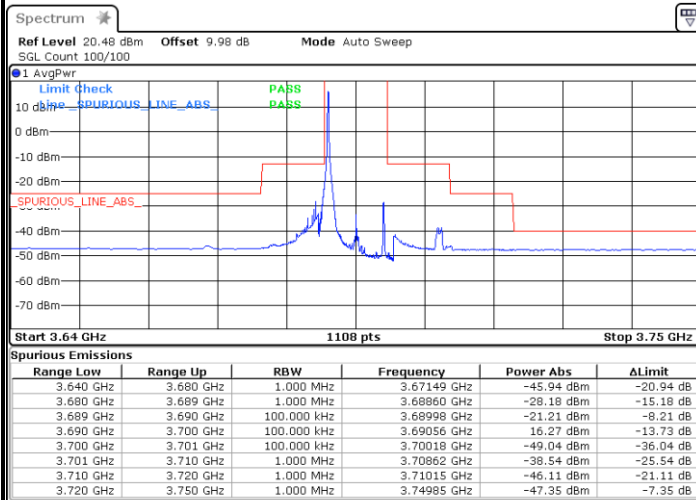
N/A



## LTE Band 48 / 10MHz

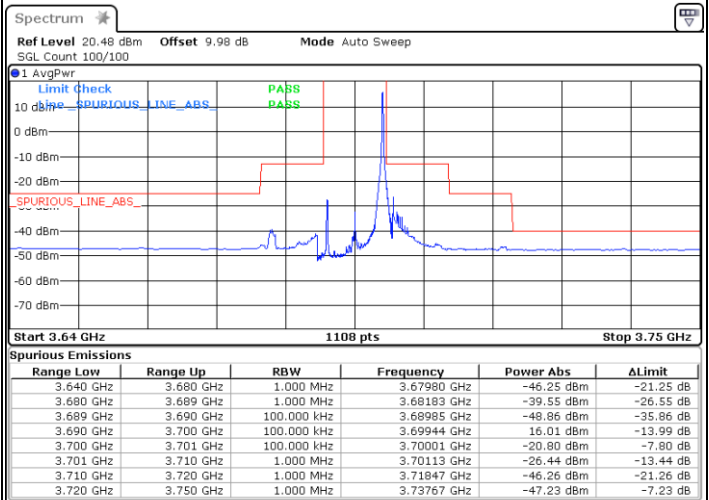
## 16QAM

## Highest Channel / 1RB0



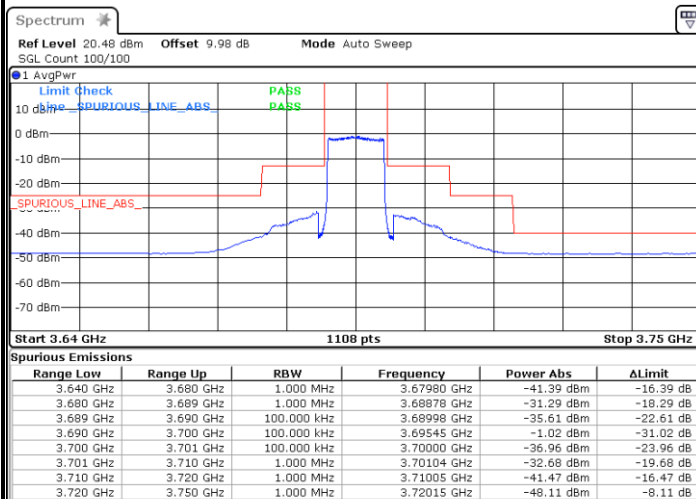
Date: 10 APR 2020 19:55:04

## Highest Channel / 1RBmax



Date: 10 APR 2020 19:57:54

## Highest Channel / FullIRB



Date: 10 APR 2020 20:00:39

N/A