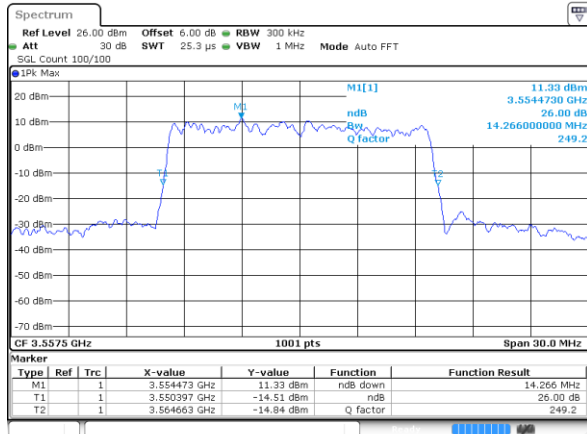


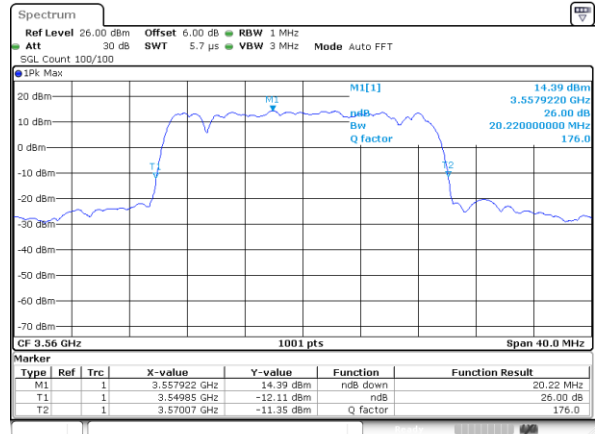


## LTE Band 48

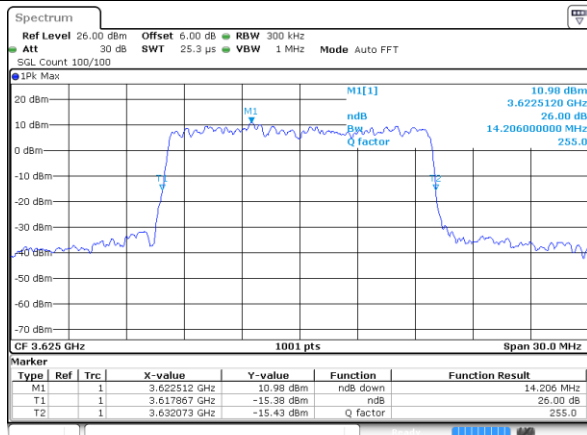
## Lowest Channel / 15MHz / 64QAM



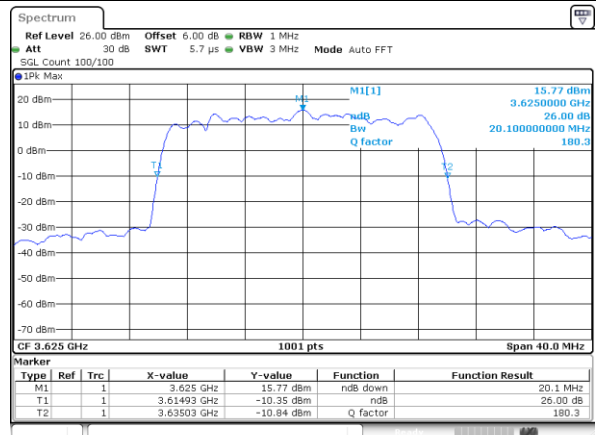
## Lowest Channel / 20MHz / 64QAM



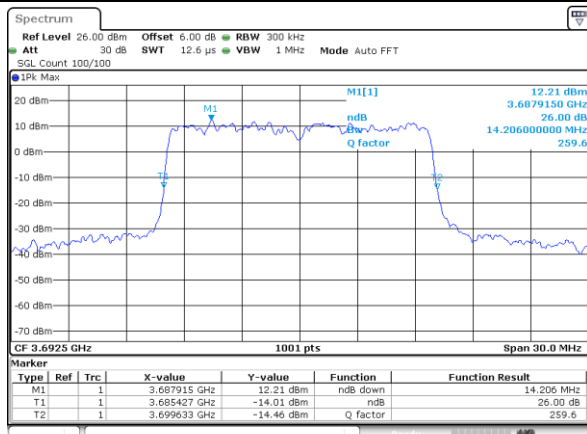
## Middle Channel / 15MHz / 64QAM



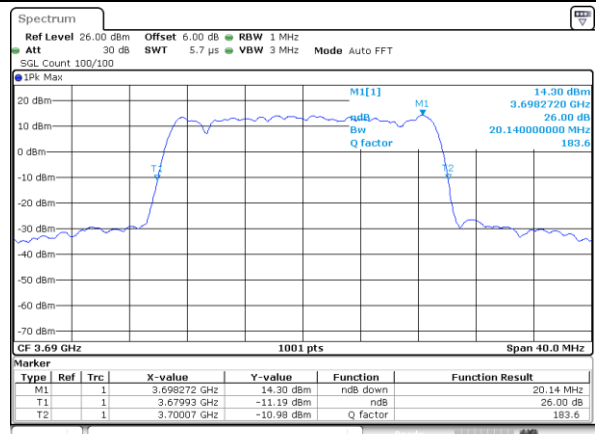
## Middle Channel / 20MHz / 64QAM



## Highest Channel / 15MHz / 64QAM



## Highest Channel / 20MHz / 64QAM



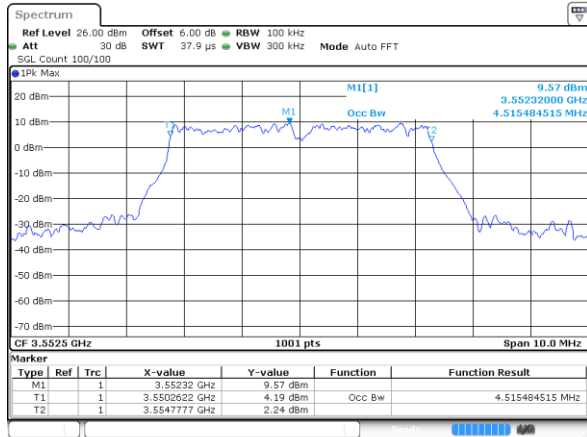
**Occupied Bandwidth**

| Mode       | LTE Band 48 : 99%OBW(MHz) |       |       |       |       |       |       |       |       |       |       |       |
|------------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| BW         | 1.4MHz                    |       | 3MHz  |       | 5MHz  |       | 10MHz |       | 15MHz |       | 20MHz |       |
| Mod.       | QPSK                      | 16QAM | QPSK  | 16QAM | QPSK  | 16QAM | QPSK  | 16QAM | QPSK  | 16QAM | QPSK  | 16QAM |
| Lowest CH  | -                         | -     | -     | -     | 4.52  | 4.49  | 9.09  | 9.05  | 13.43 | 13.46 | 18.34 | 18.38 |
| Middle CH  | -                         | -     | -     | -     | 4.49  | 4.53  | 9.01  | 9.05  | 13.49 | 13.43 | 18.42 | 18.18 |
| Highest CH | -                         | -     | -     | -     | 4.48  | 4.50  | 8.99  | 9.11  | 13.40 | 13.46 | 18.34 | 18.18 |
| Mode       | LTE Band 48 : 99%OBW(MHz) |       |       |       |       |       |       |       |       |       |       |       |
| BW         | 1.4MHz                    |       | 3MHz  |       | 5MHz  |       | 10MHz |       | 15MHz |       | 20MHz |       |
| Mod.       | 64QAM                     |       | 64QAM |       | 64QAM |       | 64QAM |       | 64QAM |       | 64QAM |       |
| Lowest CH  | -                         | -     | -     | -     | 4.55  | -     | 9.01  | -     | 13.40 | -     | 18.34 | -     |
| Middle CH  | -                         | -     | -     | -     | 4.48  | -     | 9.09  | -     | 13.52 | -     | 18.30 | -     |
| Highest CH | -                         | -     | -     | -     | 4.49  | -     | 9.05  | -     | 13.43 | -     | 18.46 | -     |



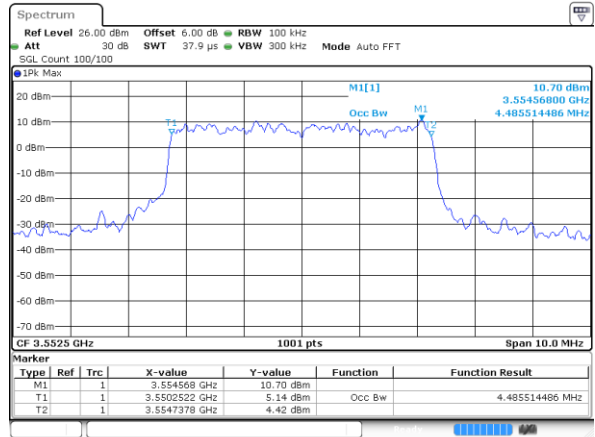
## LTE Band 48

## Lowest Channel / 5MHz / QPSK



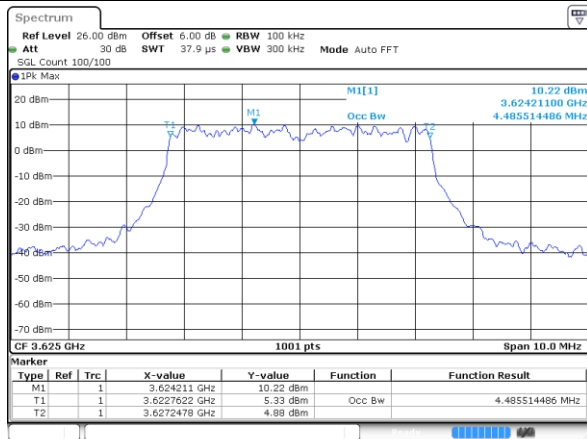
Date: 1 AUG 2020 22:21:37

## Lowest Channel / 5MHz / 16QAM



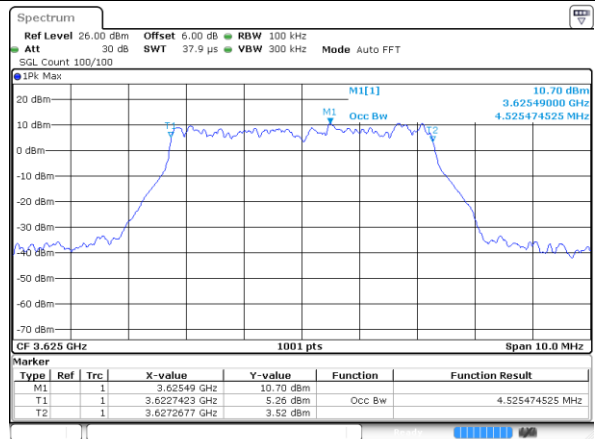
Date: 1 AUG 2020 22:22:19

## Middle Channel / 5MHz / QPSK



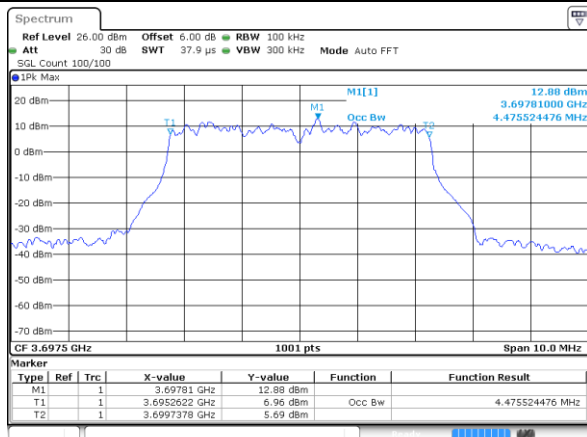
Date: 1 AUG 2020 22:25:37

## Middle Channel / 5MHz / 16QAM



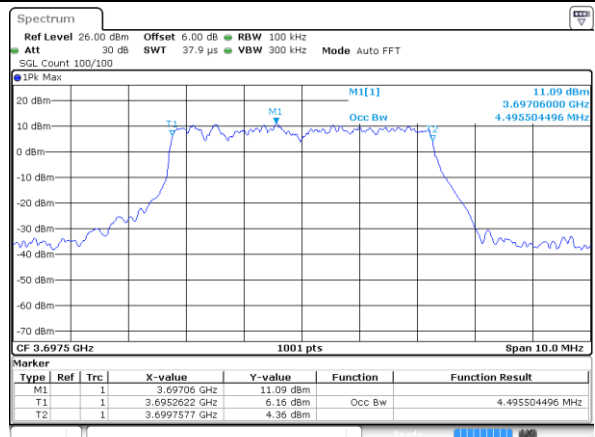
Date: 1 AUG 2020 22:24:50

## Highest Channel / 5MHz / QPSK



Date: 1 AUG 2020 22:26:43

## Highest Channel / 5MHz / 16QAM

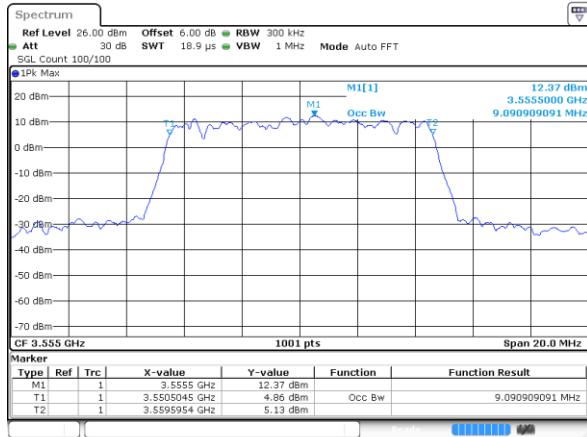


Date: 1 AUG 2020 22:27:21



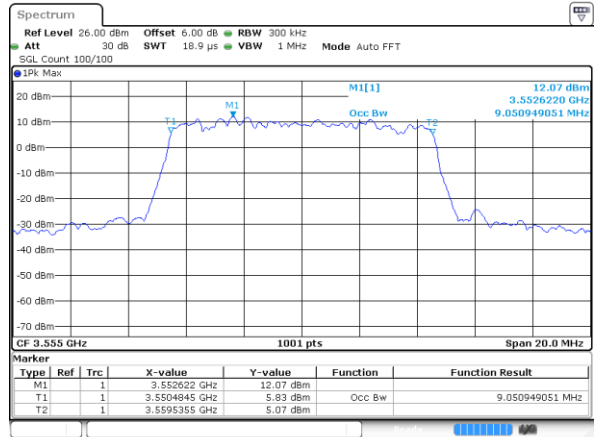
## LTE Band 48

## Lowest Channel / 10MHz / QPSK



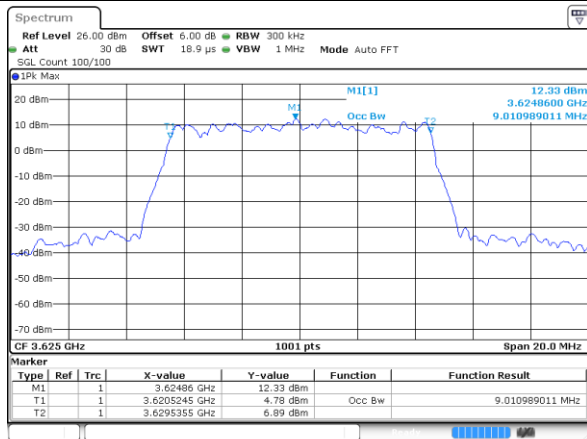
Date: 1 AUG 2020 22:31:13

## Lowest Channel / 10MHz / 16QAM



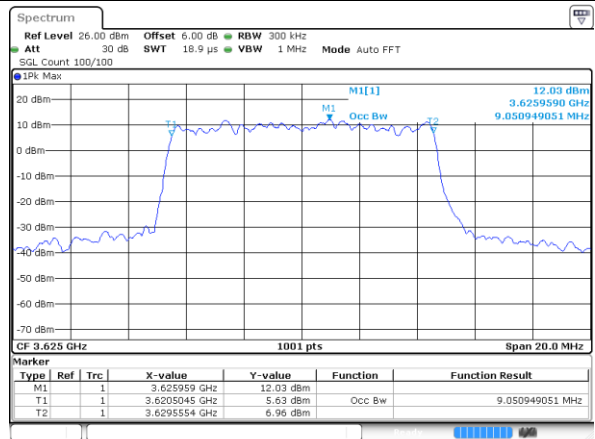
Date: 1 AUG 2020 22:30:46

## Middle Channel / 10MHz / QPSK



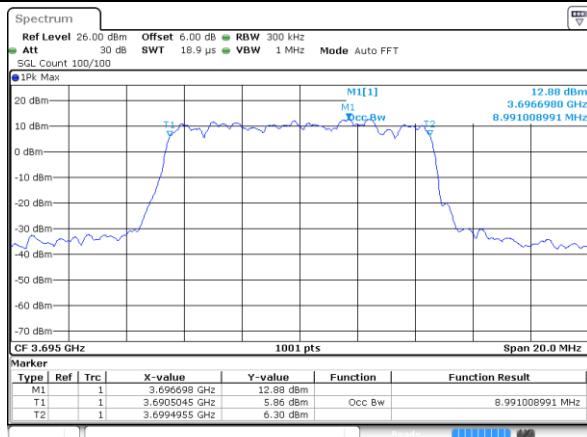
Date: 1 AUG 2020 22:32:13

## Middle Channel / 10MHz / 16QAM



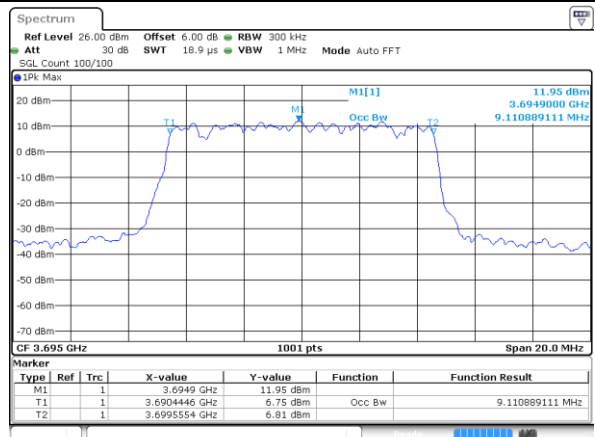
Date: 1 AUG 2020 22:34:34

## Highest Channel / 10MHz / QPSK



Date: 1 AUG 2020 22:38:54

## Highest Channel / 10MHz / 16QAM

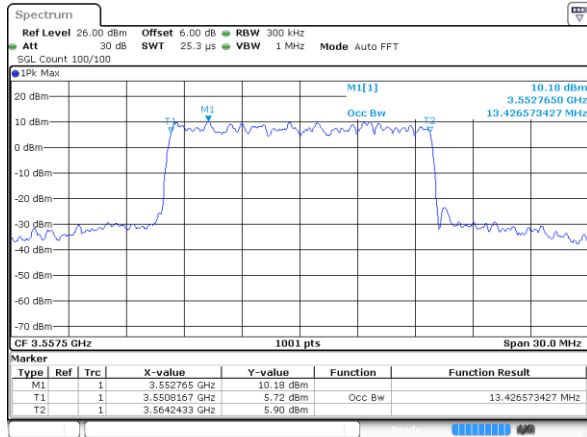


Date: 1 AUG 2020 22:37:55



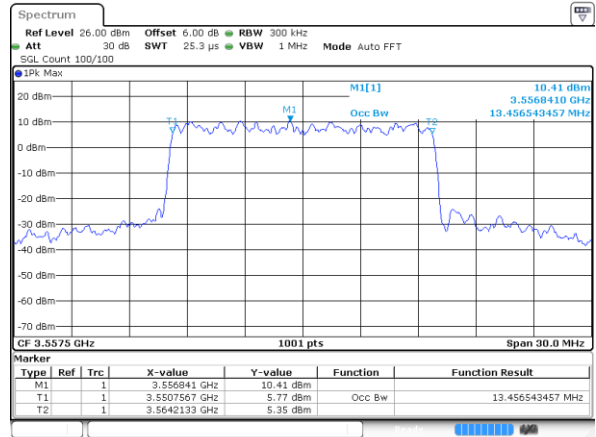
## LTE Band 48

## Lowest Channel / 15MHz / QPSK



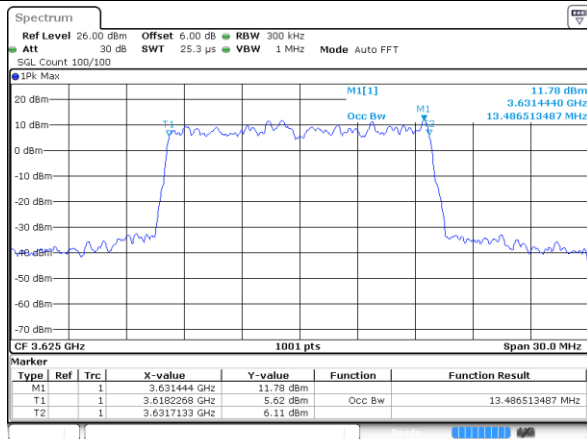
Date: 1.AUG.2020 22:40:19

## Lowest Channel / 15MHz / 16QAM



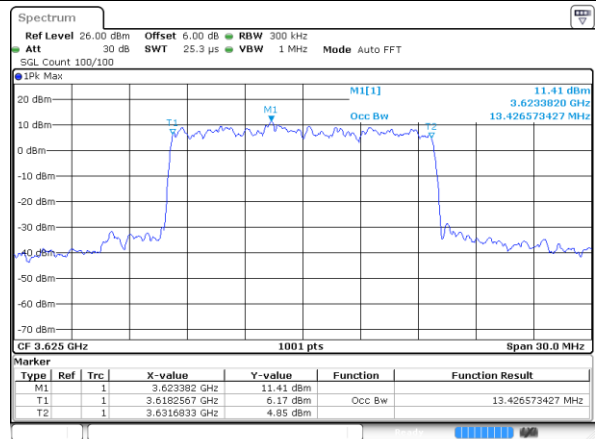
Date: 1.AUG.2020 22:40:56

## Middle Channel / 15MHz / QPSK



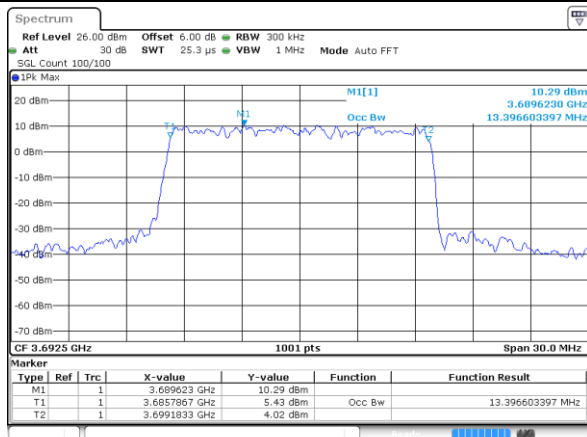
Date: 1.AUG.2020 22:44:30

## Middle Channel / 15MHz / 16QAM



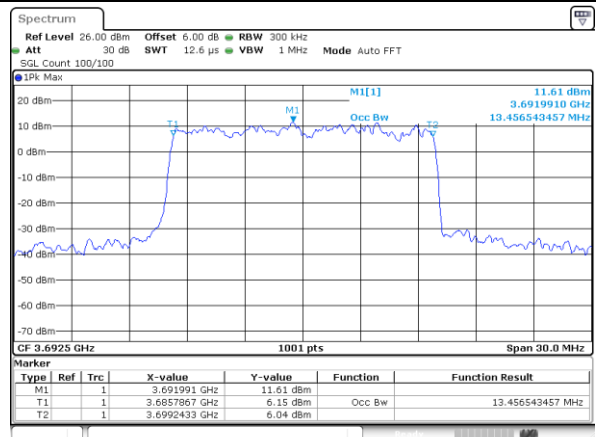
Date: 1.AUG.2020 22:43:35

## Highest Channel / 15MHz / QPSK



Date: 1.AUG.2020 22:45:24

## Highest Channel / 15MHz / 16QAM

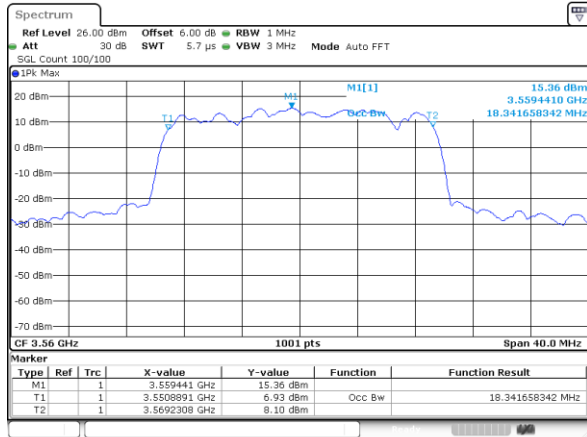


Date: 1.AUG.2020 21:35:17



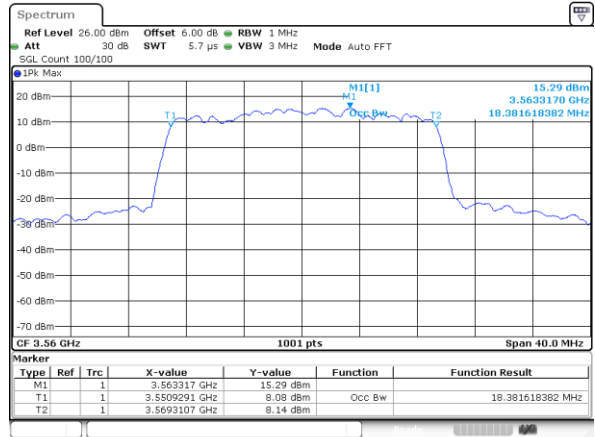
## LTE Band 48

## Lowest Channel / 20MHz / QPSK



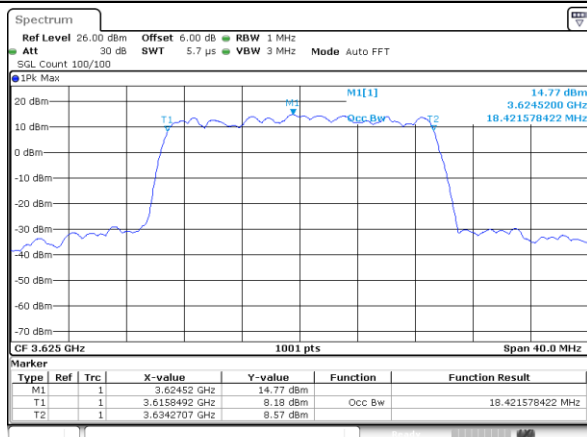
Date: 1.AUG.2020 21:40:14

## Lowest Channel / 20MHz / 16QAM



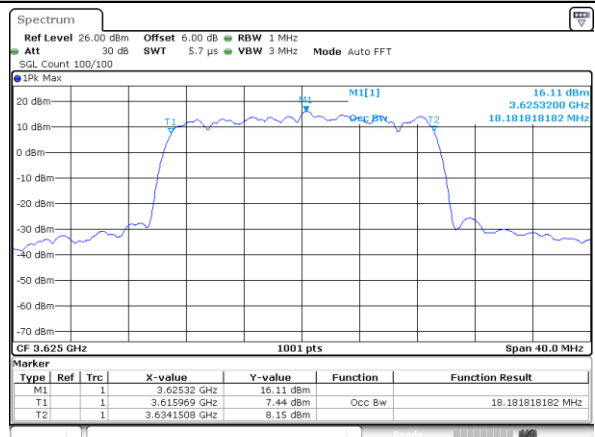
Date: 1.AUG.2020 21:39:36

## Middle Channel / 20MHz / QPSK



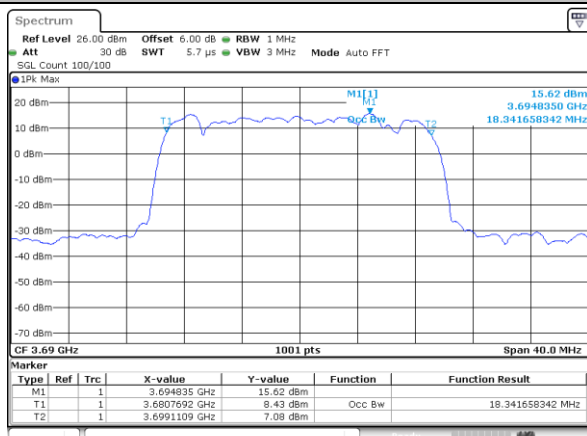
Date: 1.AUG.2020 21:41:40

## Middle Channel / 20MHz / 16QAM



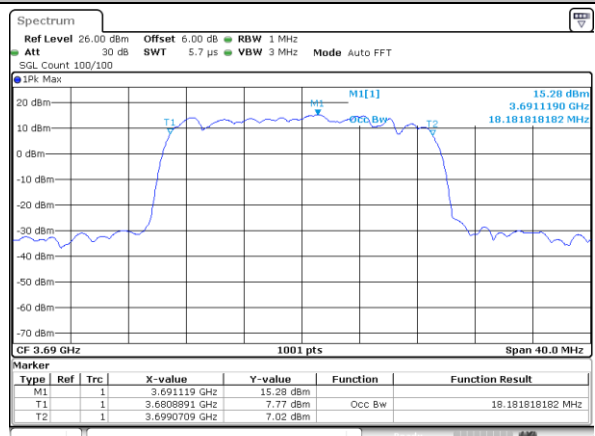
Date: 1.AUG.2020 21:42:19

## Highest Channel / 20MHz / QPSK



Date: 1.AUG.2020 21:45:16

## Highest Channel / 20MHz / 16QAM

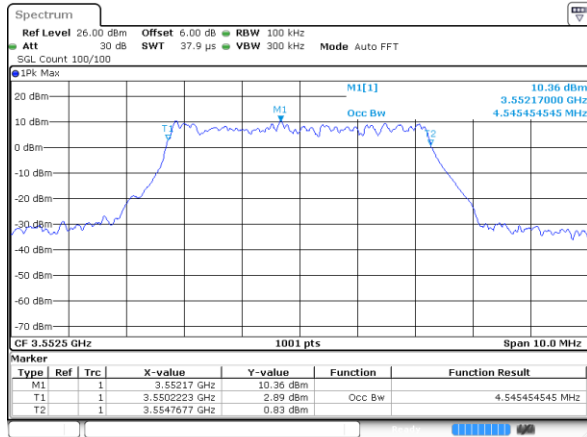


Date: 1.AUG.2020 21:44:46

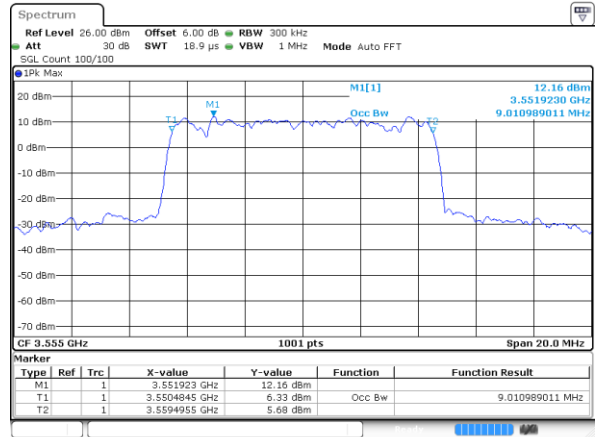


## LTE Band 48

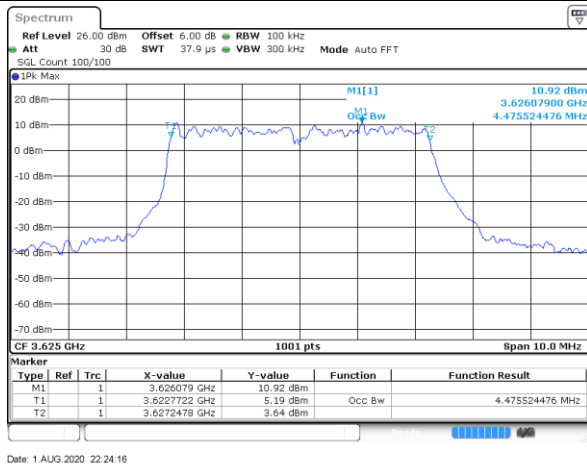
## Lowest Channel / 5MHz / 64QAM



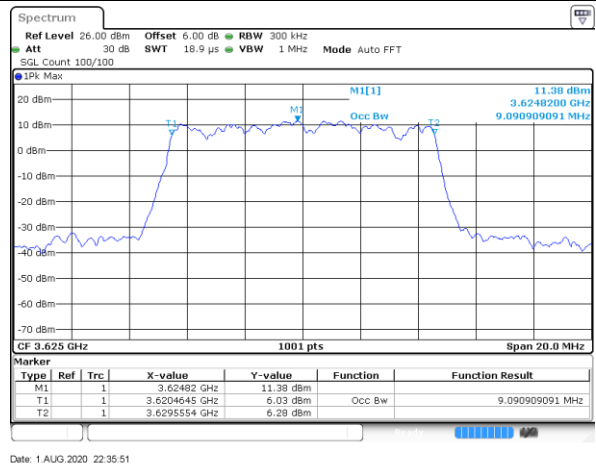
## Lowest Channel / 10MHz / 64QAM



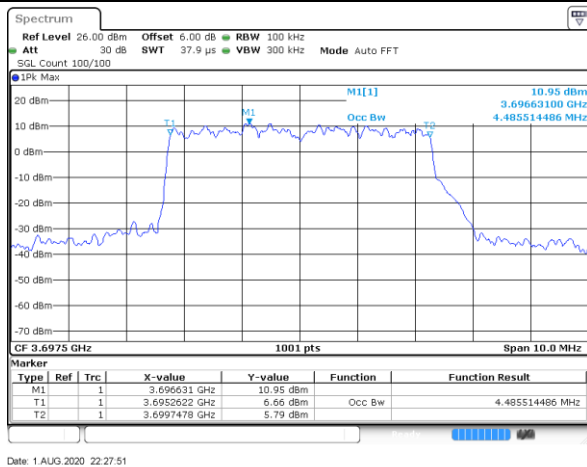
## Middle Channel / 5MHz / 64QAM



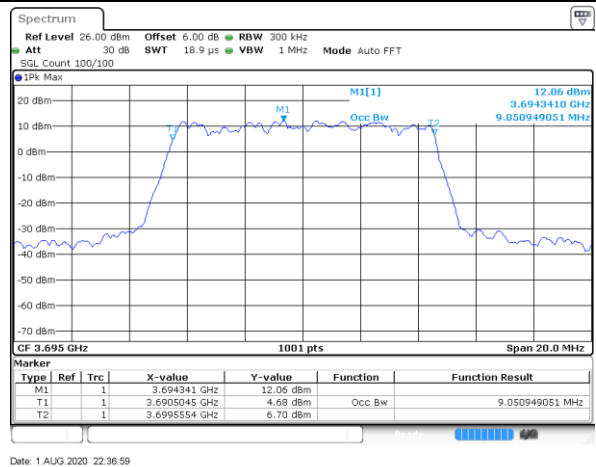
## Middle Channel / 10MHz / 64QAM



## Highest Channel / 5MHz / 64QAM



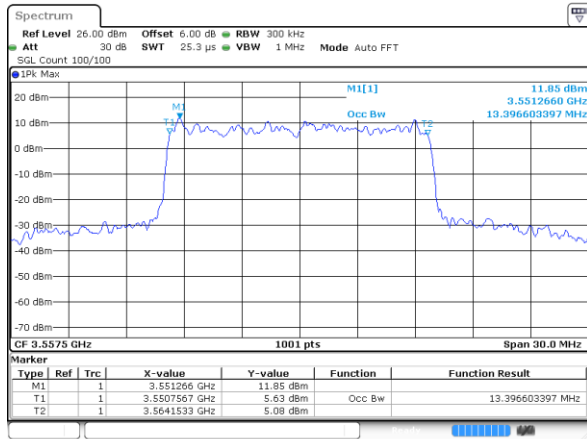
## Highest Channel / 10MHz / 64QAM





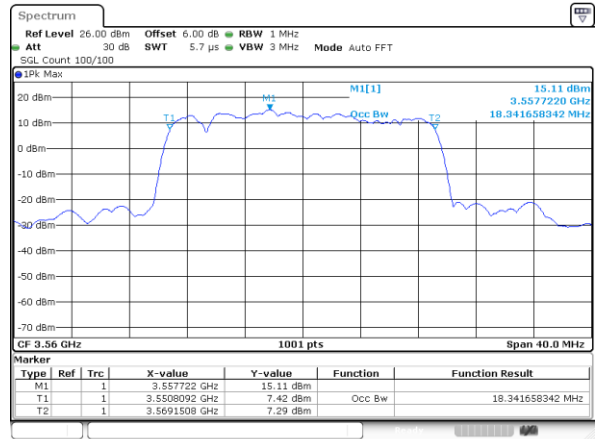
## LTE Band 48

## Lowest Channel / 15MHz / 64QAM



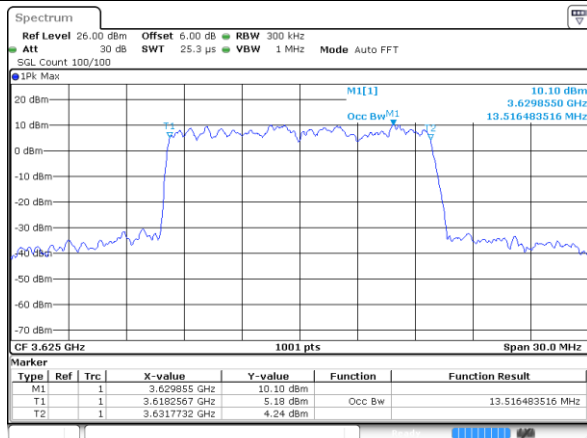
Date: 1.AUG.2020 22:41:24

## Lowest Channel / 20MHz / 64QAM



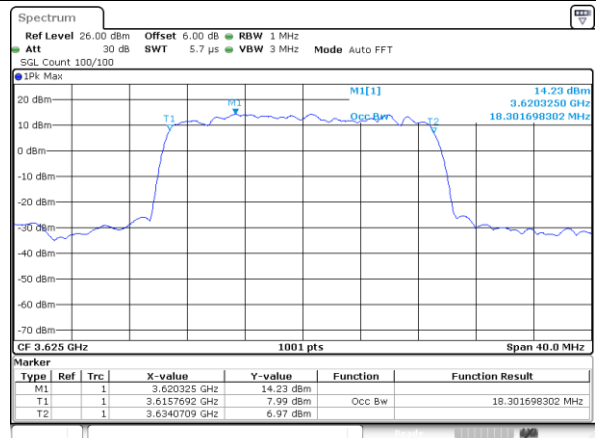
Date: 1.AUG.2020 21:39:08

## Middle Channel / 15MHz / 64QAM



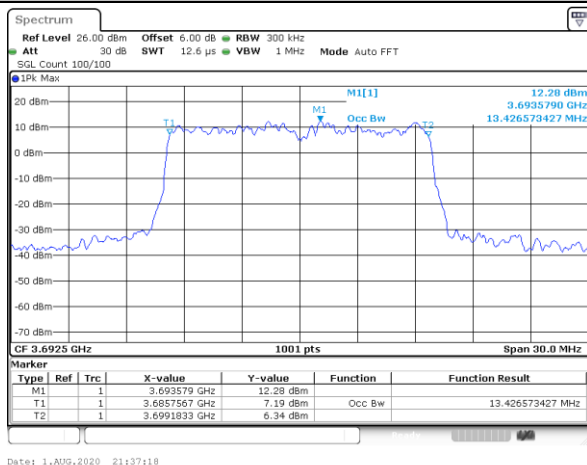
Date: 1.AUG.2020 22:42:59

## Middle Channel / 20MHz / 64QAM



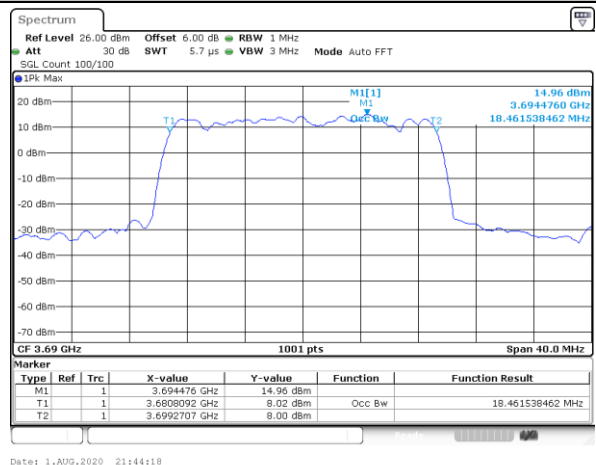
Date: 1.AUG.2020 21:42:48

## Highest Channel / 15MHz / 64QAM



Date: 1.AUG.2020 21:37:18

## Highest Channel / 20MHz / 64QAM



Date: 1.AUG.2020 21:44:18

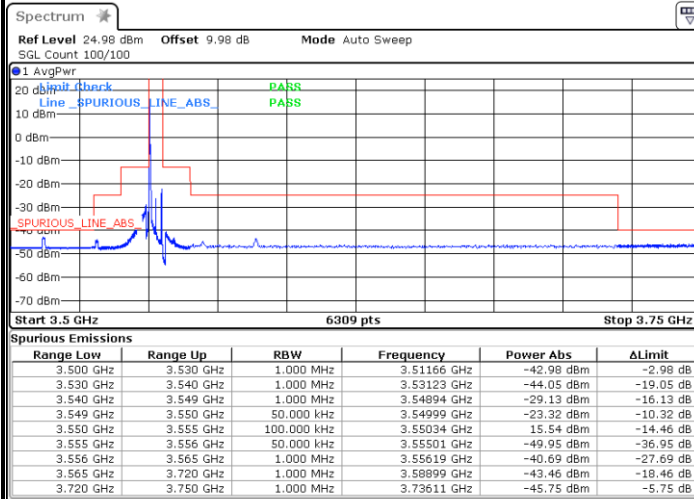


# Conducted Band Edge

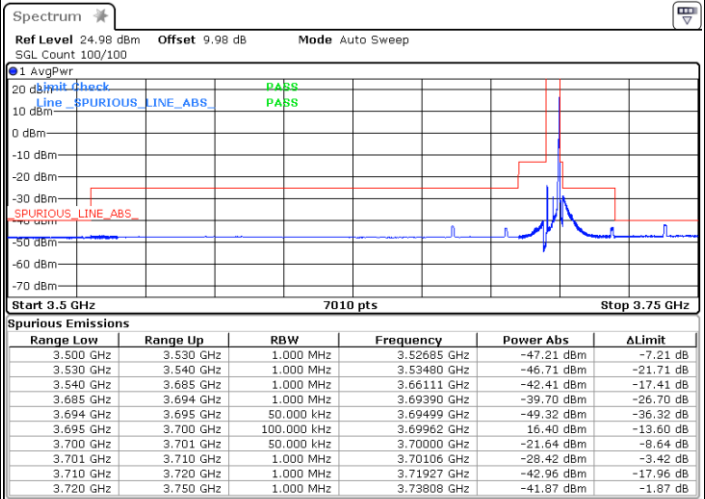
## LTE Band 48 / 5MHz

### QPSK

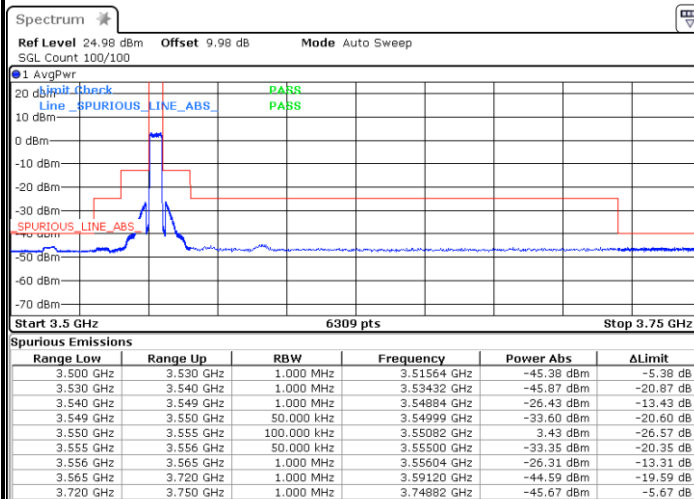
#### Lowest Channel / 1RB0



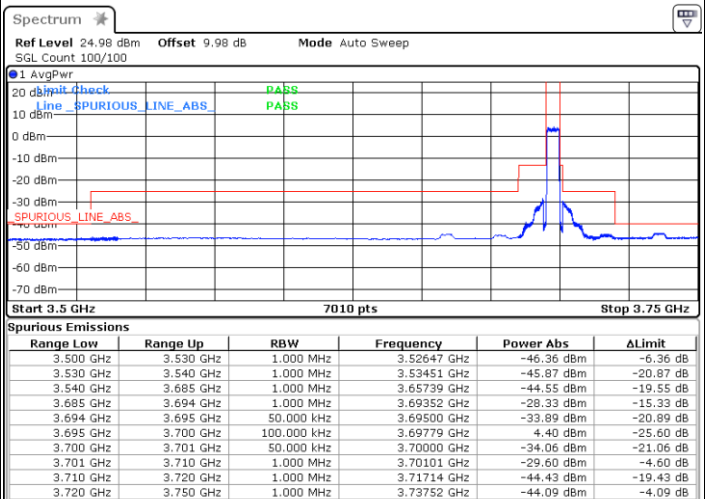
#### Highest Channel / 1RBmax



#### Lowest Channel / FullRB



#### Highest Channel/ FullRB



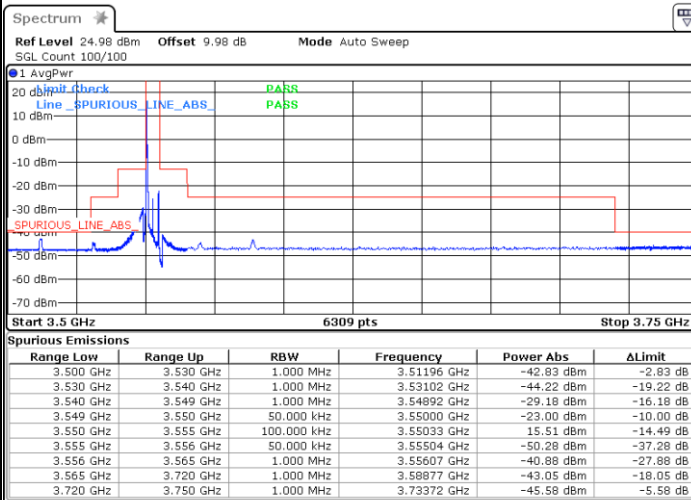


## LTE Band 48 / 5MHz

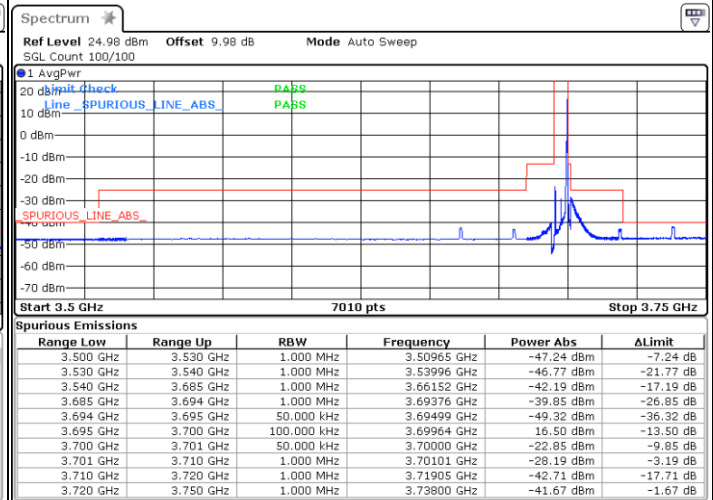
## 16QAM

## Lowest Channel / 1RB0

## Highest Channel / 1RBmax



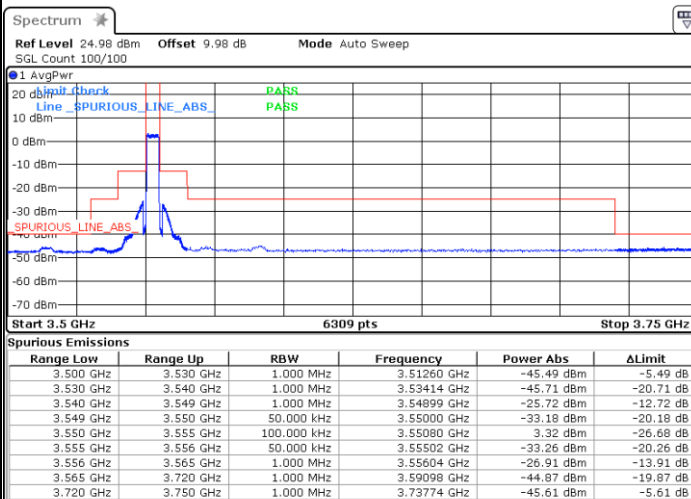
Date: 1.AUG.2020 16:27:00



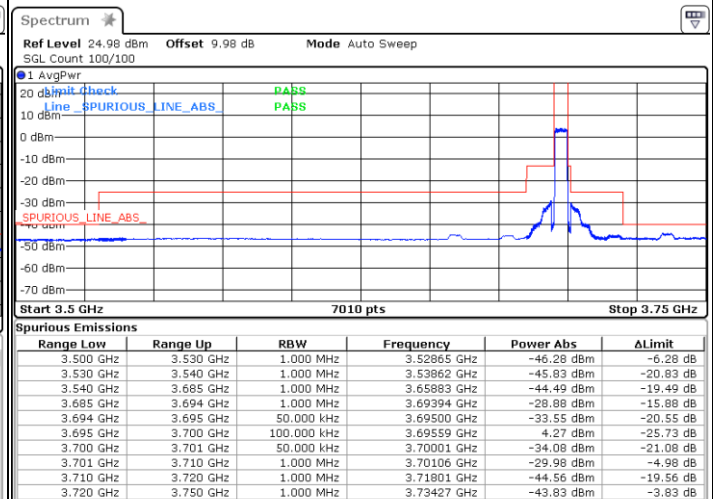
Date: 1.AUG.2020 14:55:41

## Lowest Channel / FullRB

## Highest Channel / FullRB



Date: 1.AUG.2020 16:31:19



Date: 1.AUG.2020 15:07:48

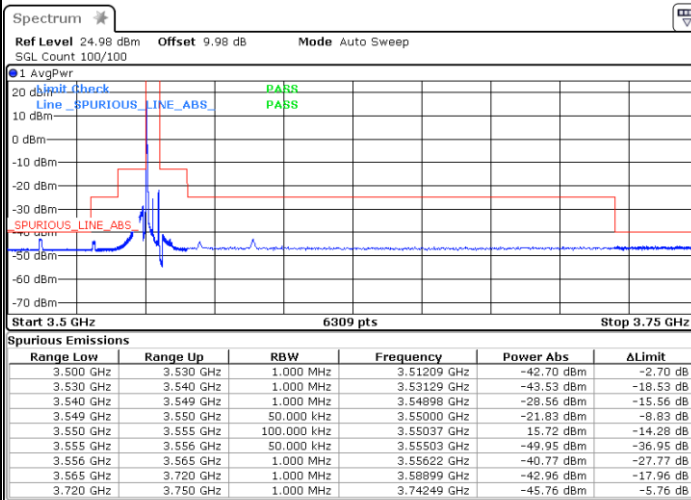


## LTE Band 48 / 5MHz

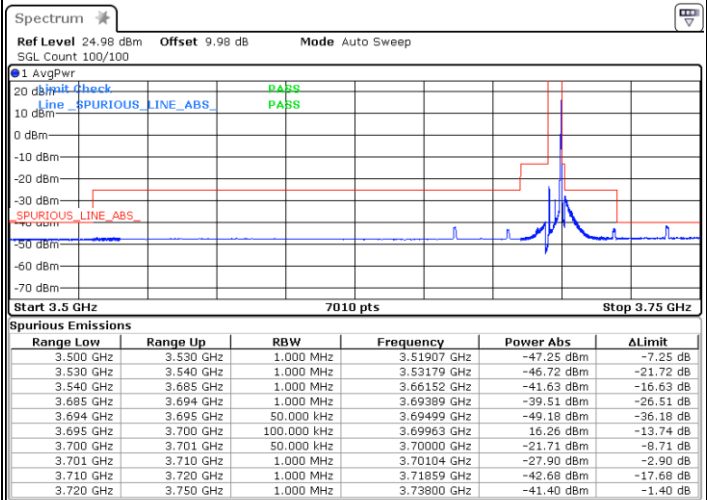
## 64QAM

## Lowest Channel / 1RB0

## Highest Channel / 1RBmax



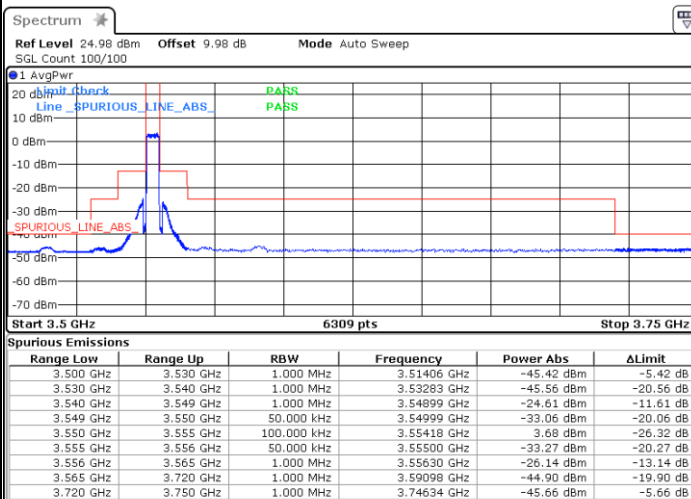
Date: 1.AUG.2020 16:28:37



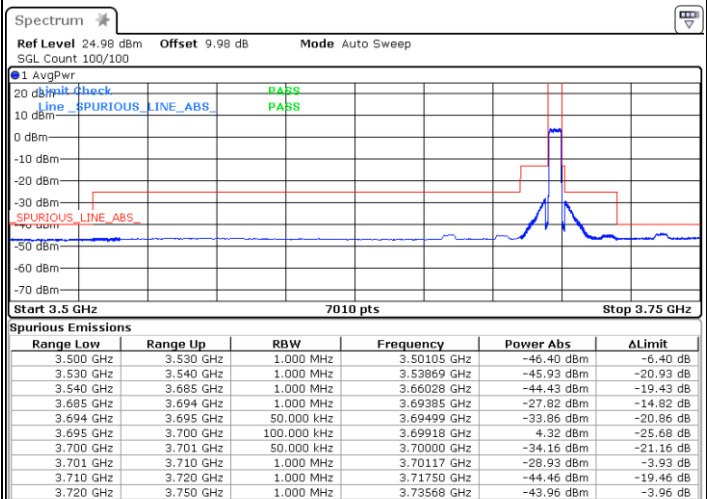
Date: 1.AUG.2020 14:53:51

## Lowest Channel / FullRB

## Highest Channel / FullRB



Date: 1.AUG.2020 16:29:59



Date: 1.AUG.2020 15:06:15

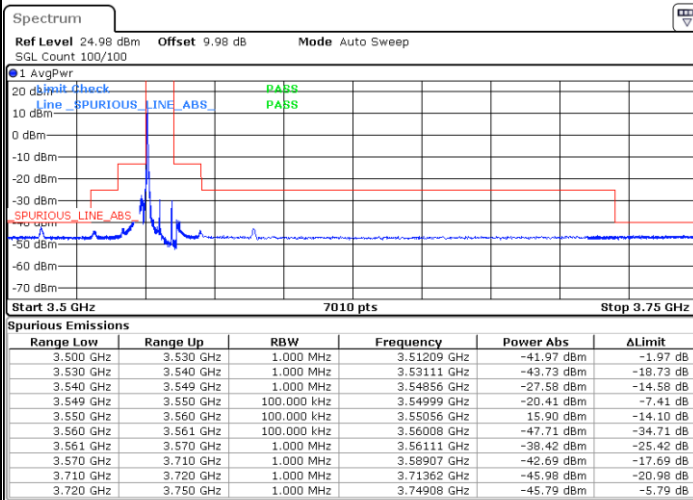


## LTE Band 48 / 10MHz

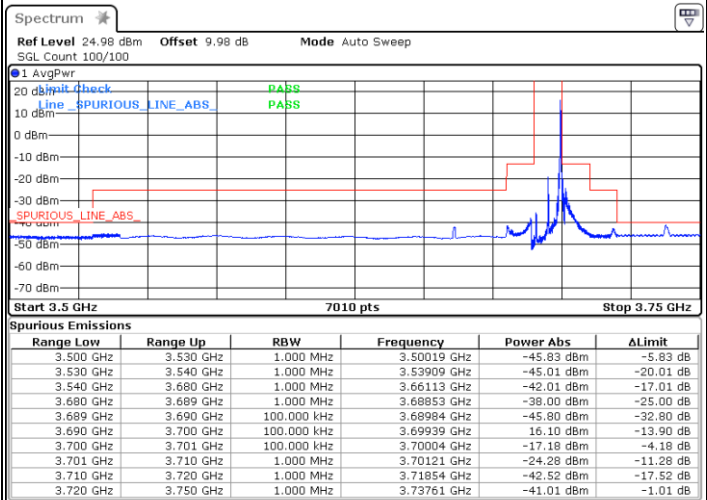
## QPSK

## Lowest Channel / 1RB0

## Highest Channel / 1RBmax



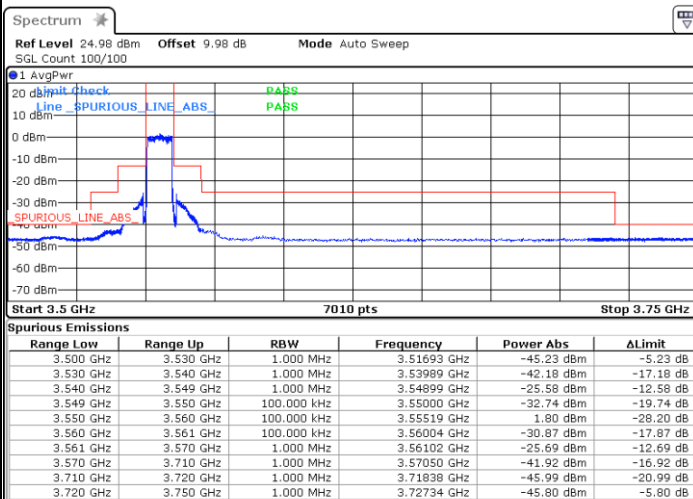
Date: 1.AUG.2020 16:48:48



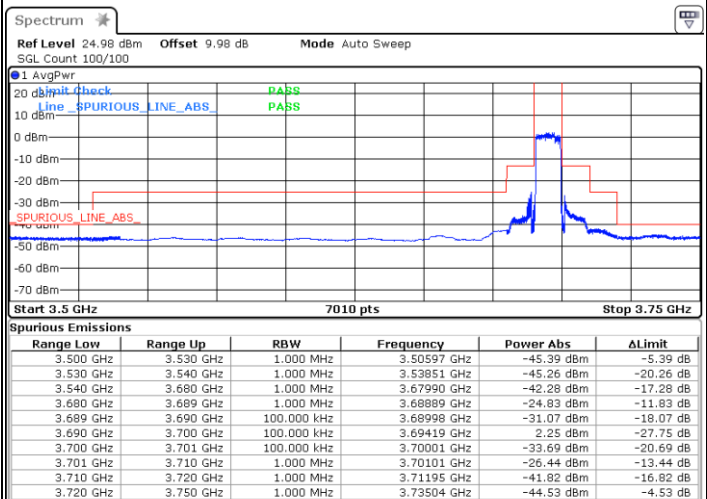
Date: 1.AUG.2020 17:24:10

## Lowest Channel / FullRB

## Highest Channel / FullRB



Date: 1.AUG.2020 16:43:43



Date: 1.AUG.2020 17:18:16

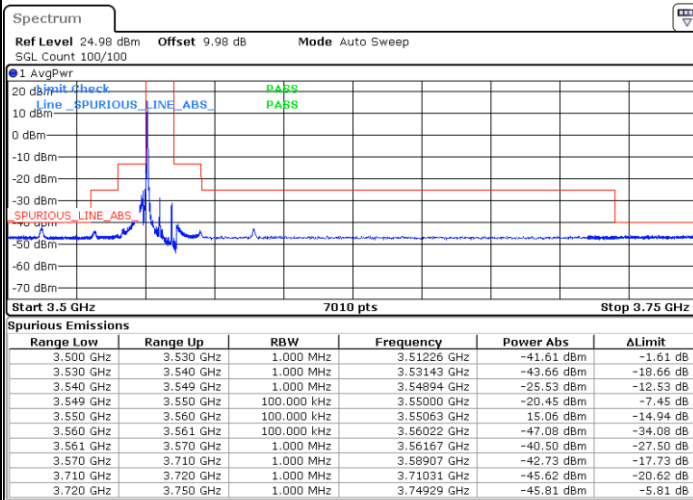


## LTE Band 48 / 10MHz

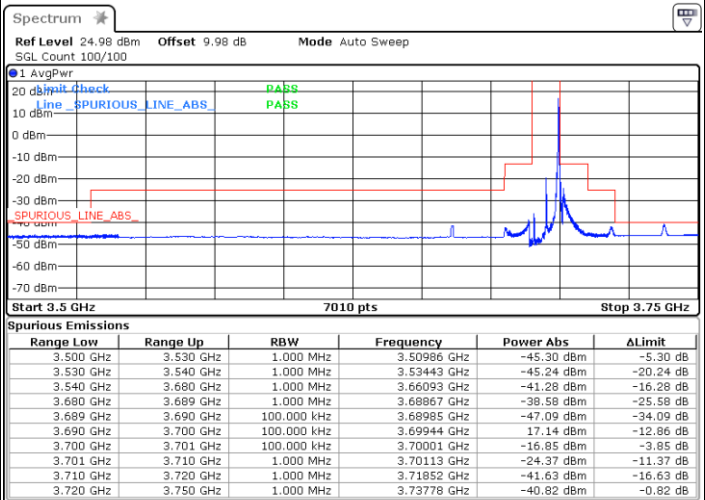
## 16QAM

## Lowest Channel / 1RB0

## Highest Channel / 1RBmax



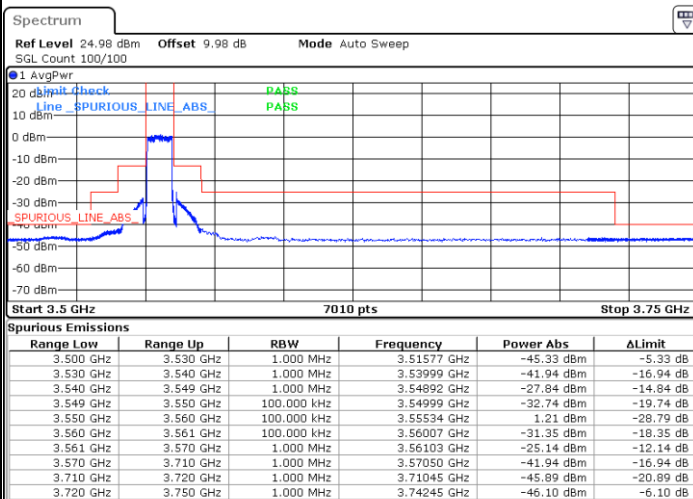
Date: 1.AUG.2020 16:48:25



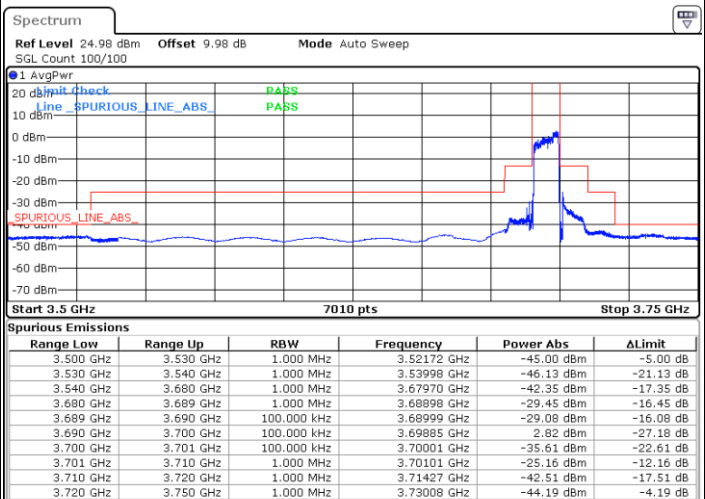
Date: 1.AUG.2020 17:23:07

## Lowest Channel / FullRB

## Highest Channel/ FullRB



Date: 1.AUG.2020 16:45:05



Date: 1.AUG.2020 17:18:39

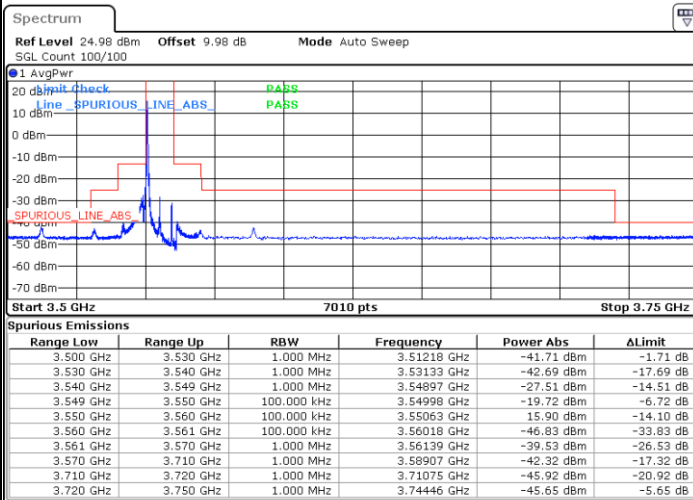


## LTE Band 48 / 10MHz

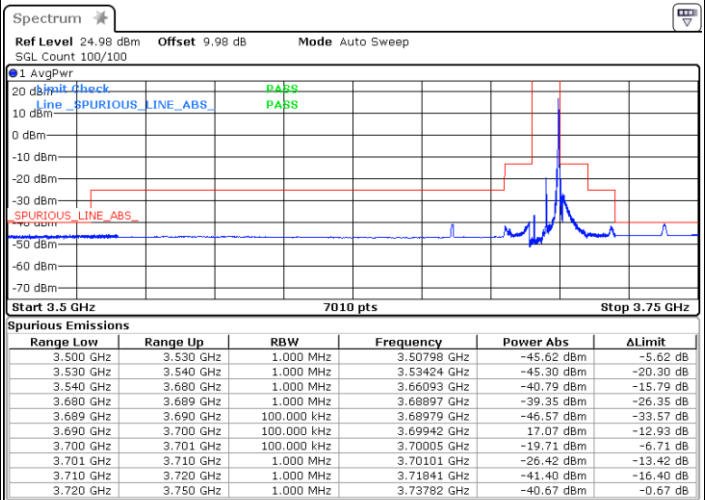
## 64QAM

## Lowest Channel / 1RB0

## Highest Channel / 1RBmax



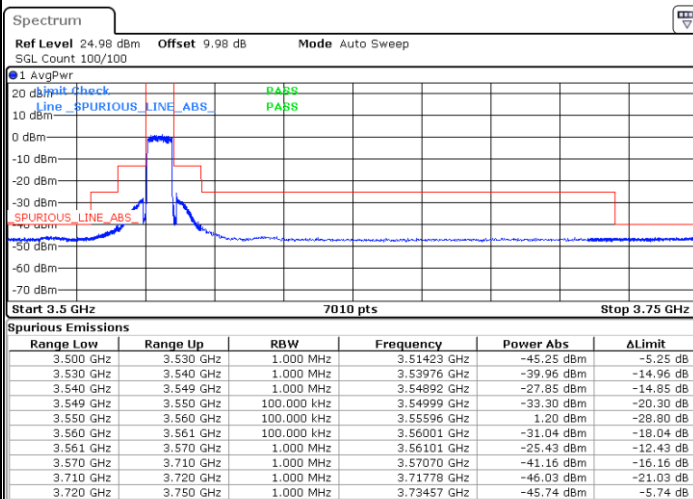
Date: 1.AUG.2020 16:47:58



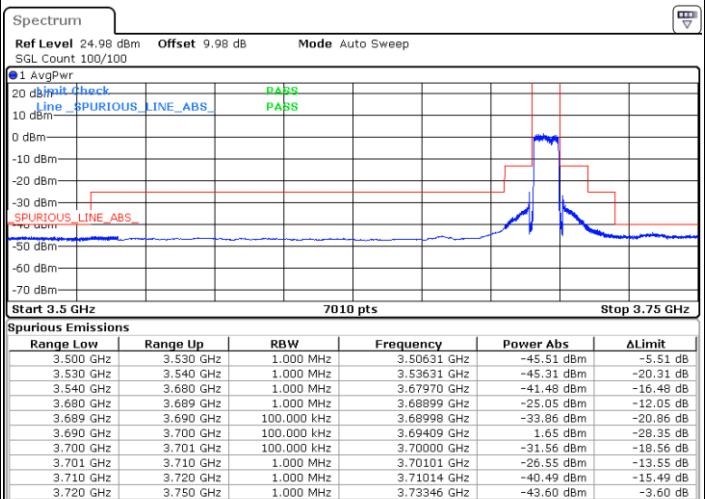
Date: 1.AUG.2020 17:21:29

## Lowest Channel / FullRB

## Highest Channel/ FullRB



Date: 1.AUG.2020 16:45:24



Date: 1.AUG.2020 17:19:04

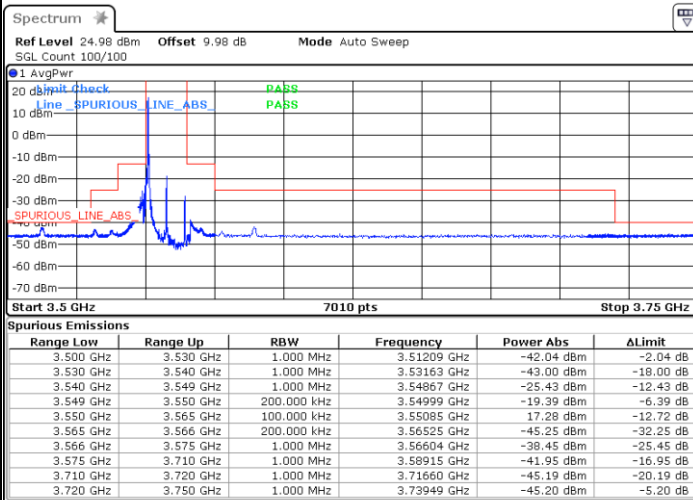


## LTE Band 48 / 15MHz

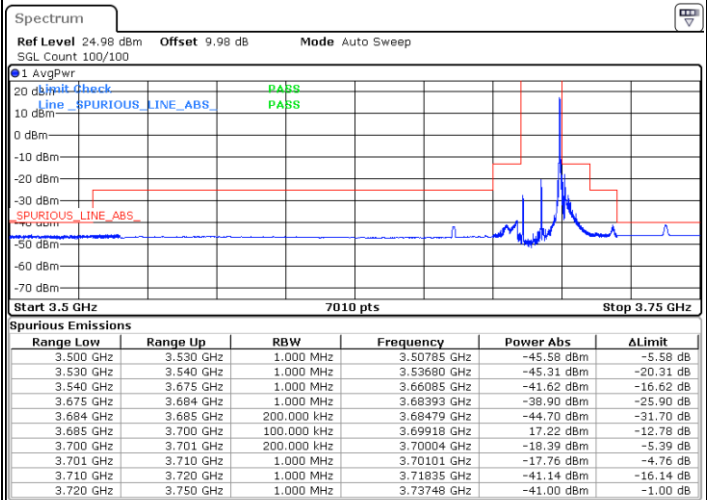
## QPSK

## Lowest Channel / 1RB0

## Highest Channel / 1RBmax



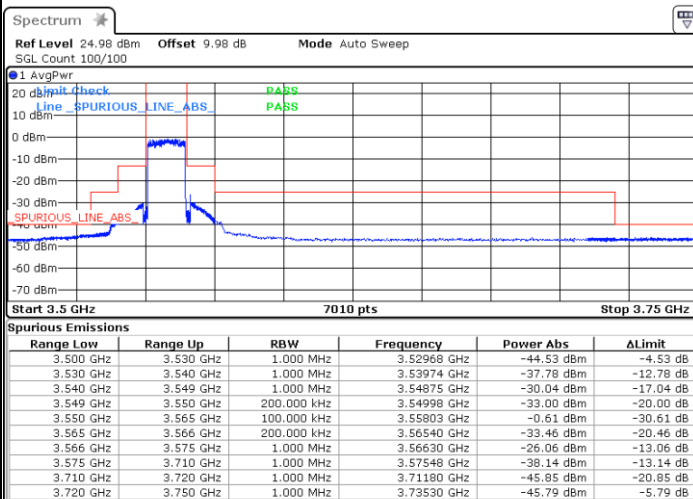
Date: 1.AUG.2020 18:18:35



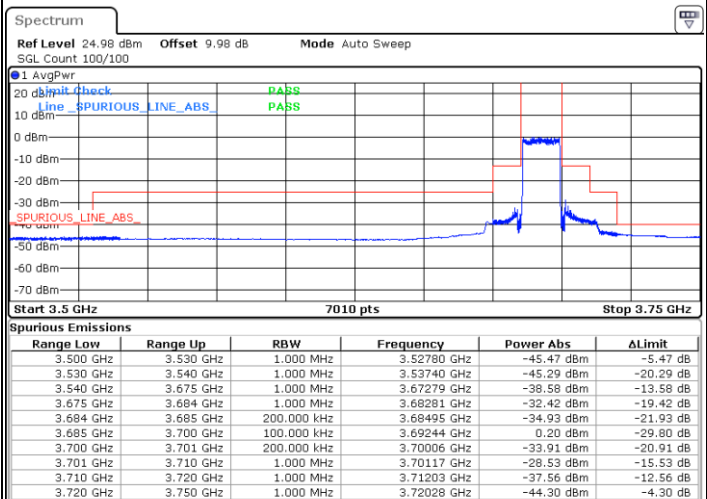
Date: 1.AUG.2020 19:15:11

## Lowest Channel / FullRB

## Highest Channel/ FullRB



Date: 1.AUG.2020 18:23:05



Date: 1.AUG.2020 19:21:26

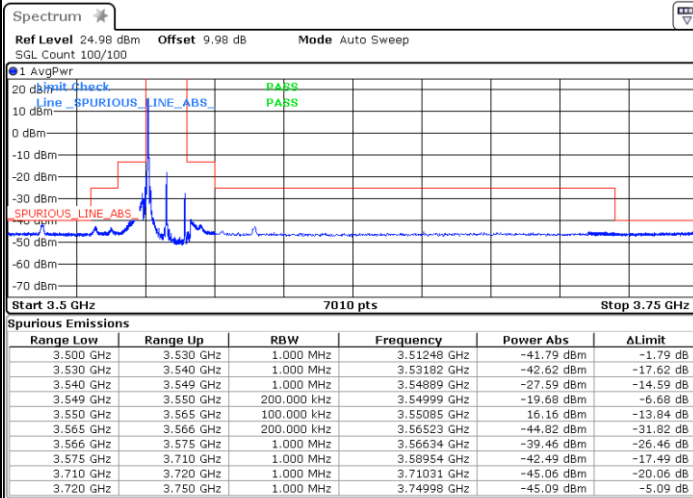


## LTE Band 48 / 15MHz

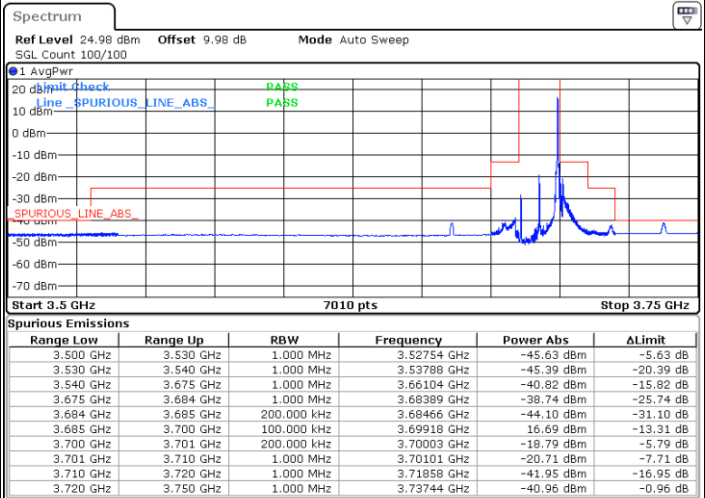
## 16QAM

## Lowest Channel / 1RB0

## Highest Channel / 1RBmax



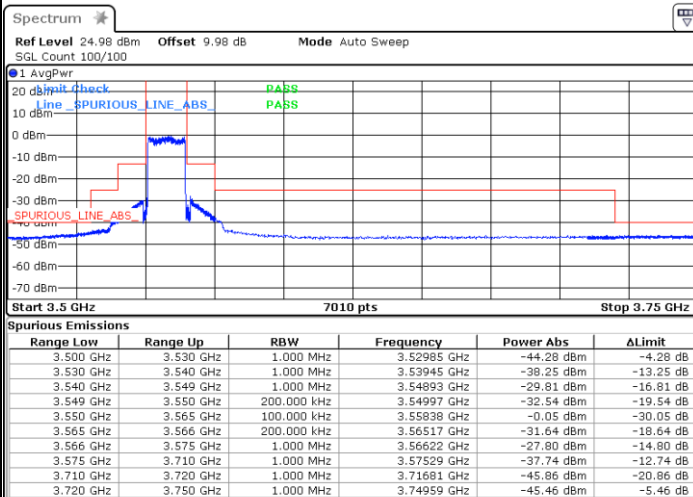
Date: 1.AUG.2020 18:17:49



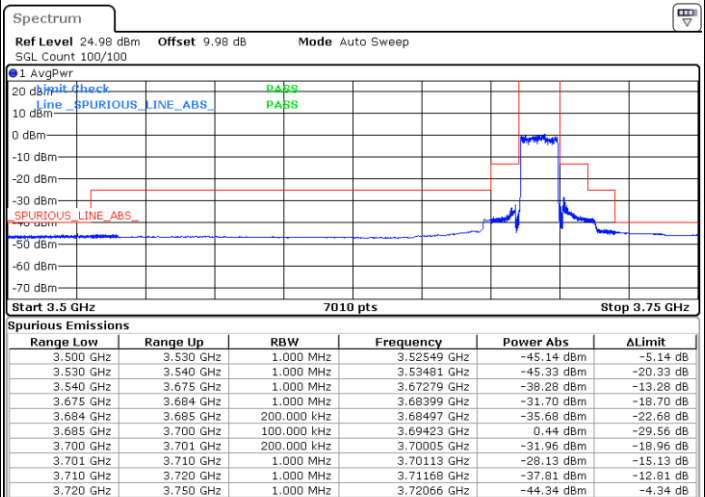
Date: 1.AUG.2020 19:16:16

## Lowest Channel / FullRB

## Highest Channel/ FullRB



Date: 1.AUG.2020 18:22:31



Date: 1.AUG.2020 19:20:19

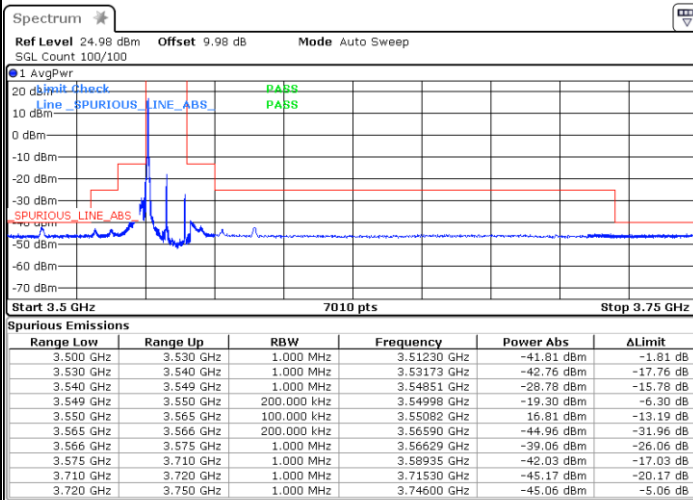


## LTE Band 48 / 15MHz

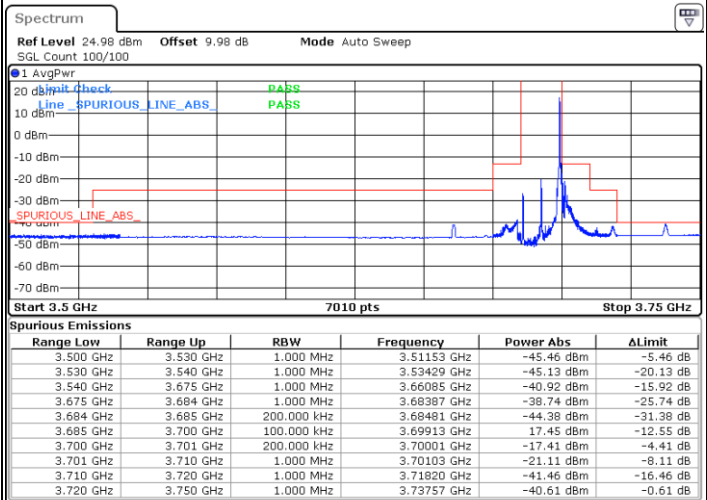
## 64QAM

## Lowest Channel / 1RB0

## Highest Channel / 1RBmax



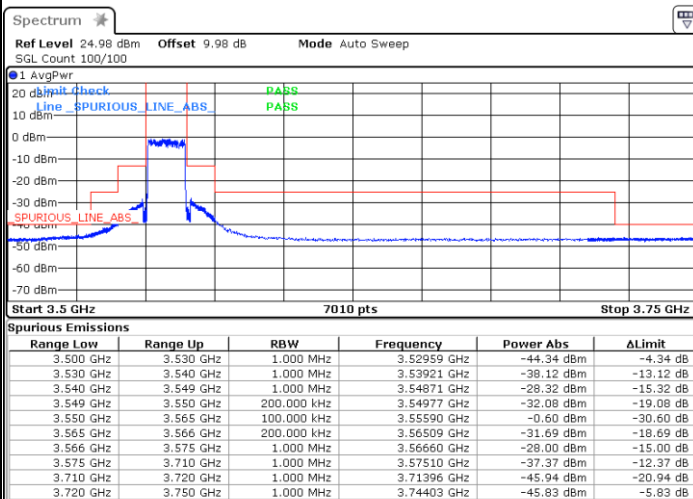
Date: 1.AUG.2020 18:15:56



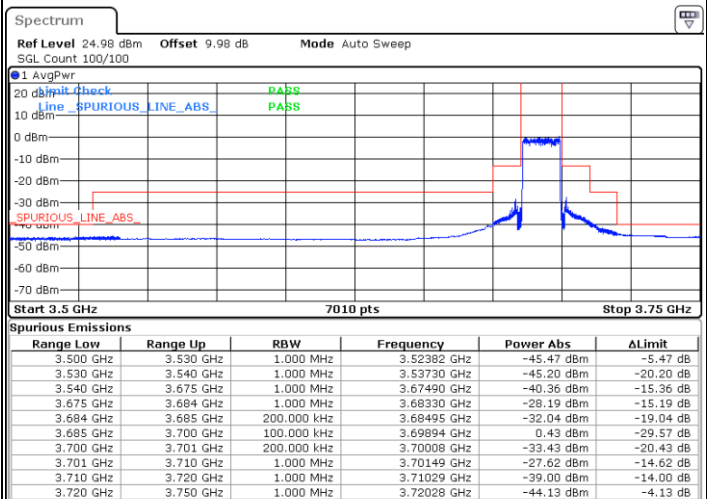
Date: 1.AUG.2020 19:17:25

## Lowest Channel / FullRB

## Highest Channel/ FullRB



Date: 1.AUG.2020 18:21:53



Date: 1.AUG.2020 19:18:53

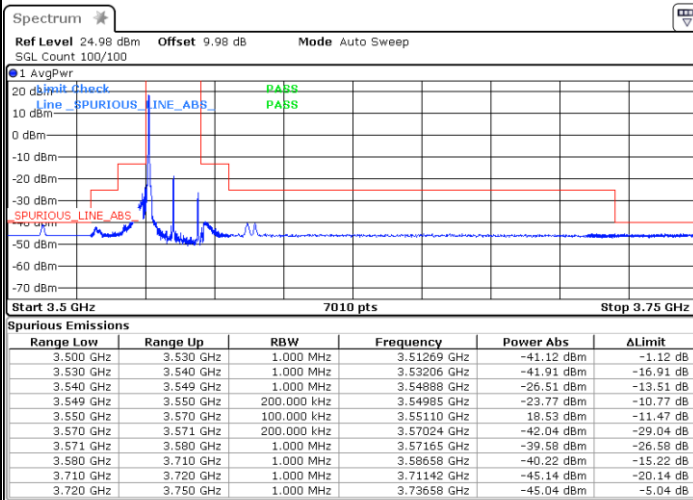


## LTE Band 48 / 20MHz

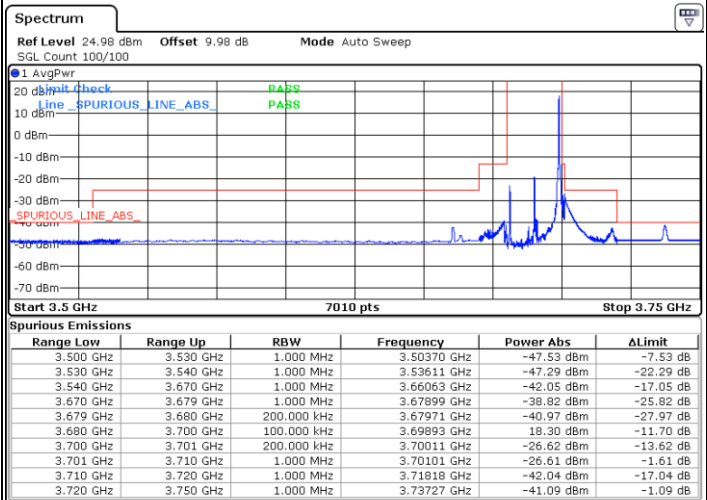
## QPSK

## Lowest Channel / 1RB0

## Highest Channel / 1RBmax



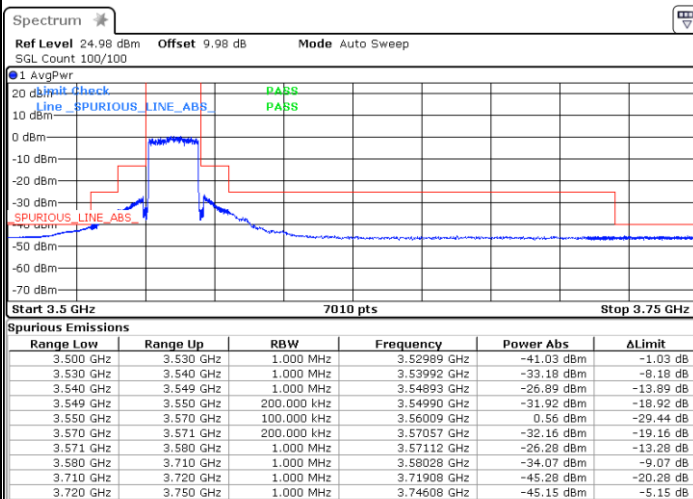
Date: 1.AUG.2020 13:20:11



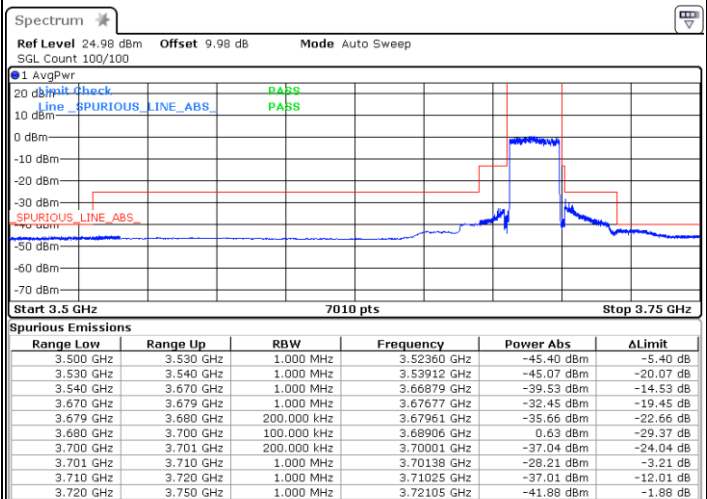
Date: 1.AUG.2020 14:36:04

## Lowest Channel / FullRB

## Highest Channel/ FullRB



Date: 1.AUG.2020 13:11:14



Date: 1.AUG.2020 13:37:32

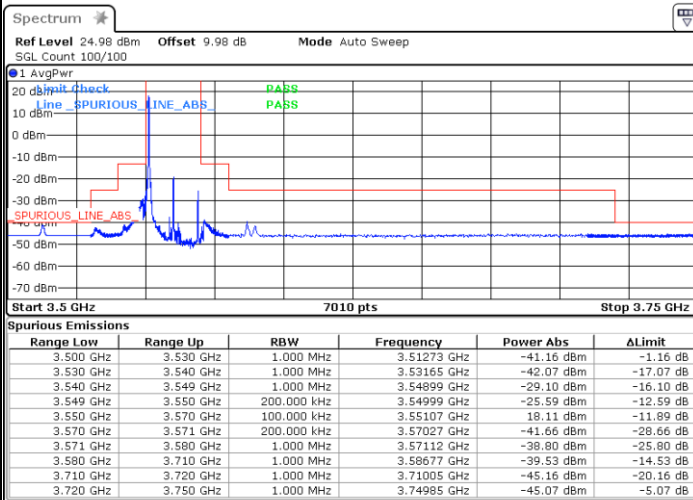


## LTE Band 48 / 20MHz

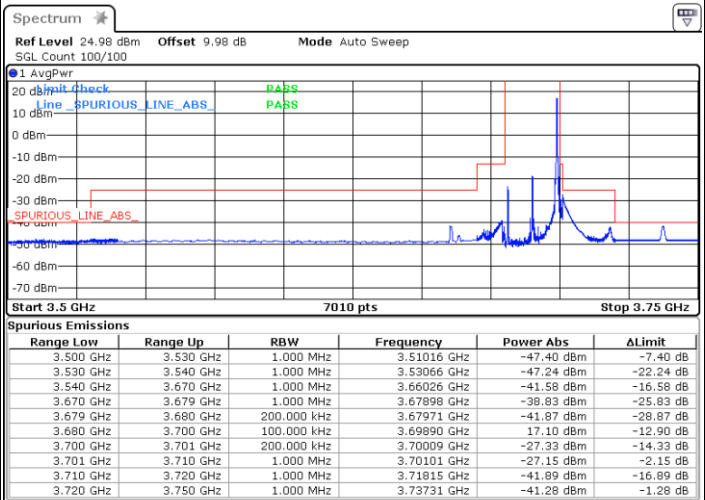
## 16QAM

## Lowest Channel / 1RB0

## Highest Channel / 1RBmax



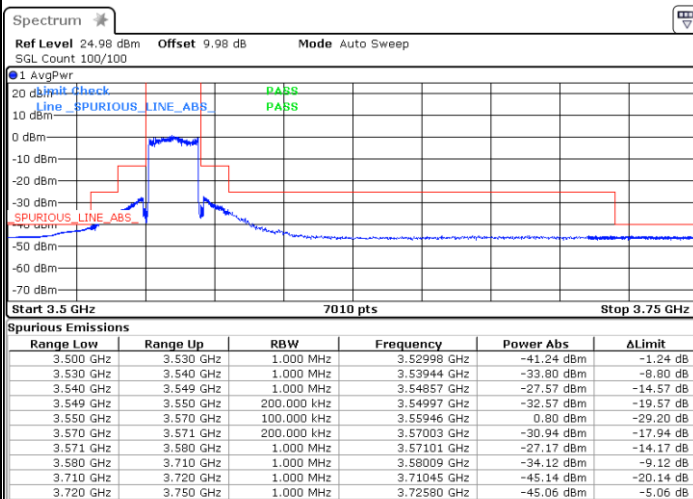
Date: 1.AUG.2020 13:18:24



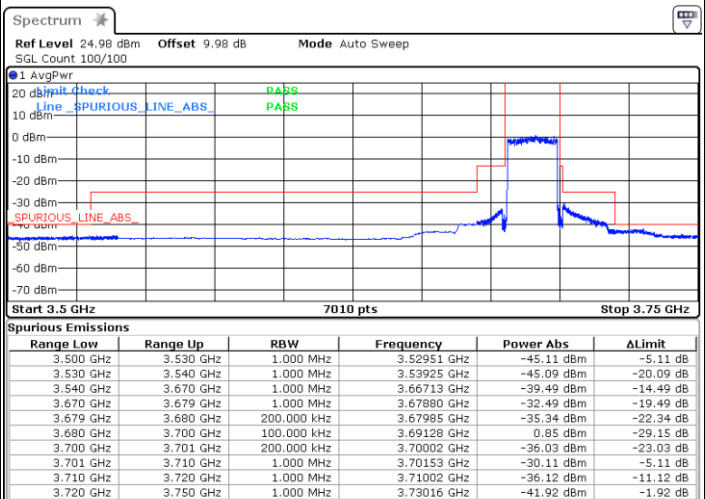
Date: 1.AUG.2020 14:45:42

## Lowest Channel / FullRB

## Highest Channel/ FullRB



Date: 1.AUG.2020 13:12:56



Date: 1.AUG.2020 13:38:22

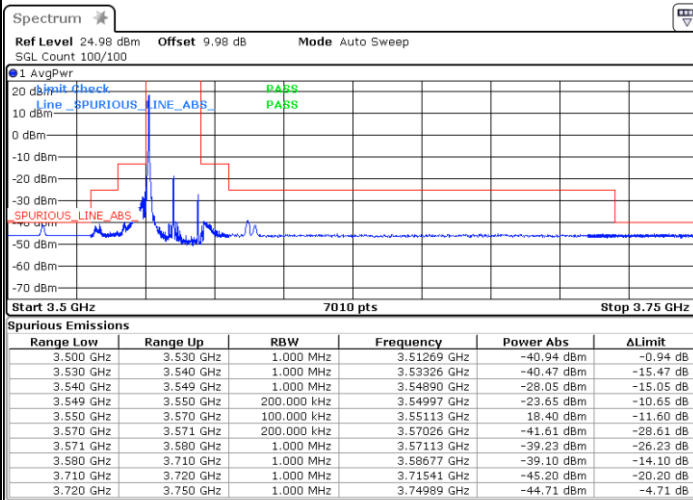


## LTE Band 48 / 20MHz

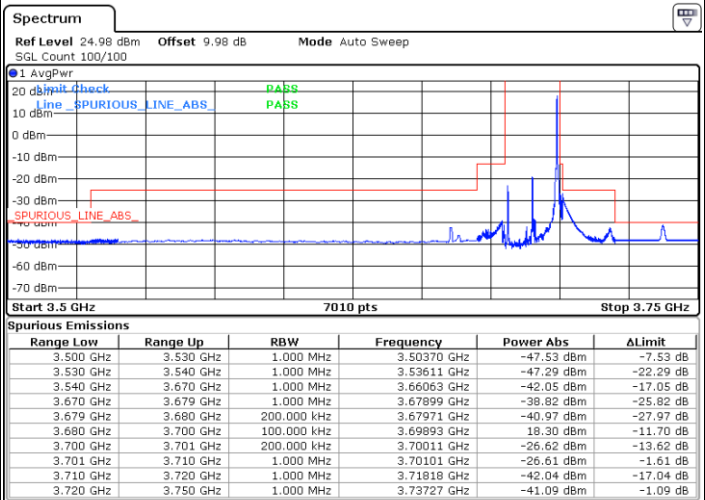
## 64QAM

## Lowest Channel / 1RB0

## Highest Channel / 1RBmax



Date: 1.AUG.2020 13:16:43

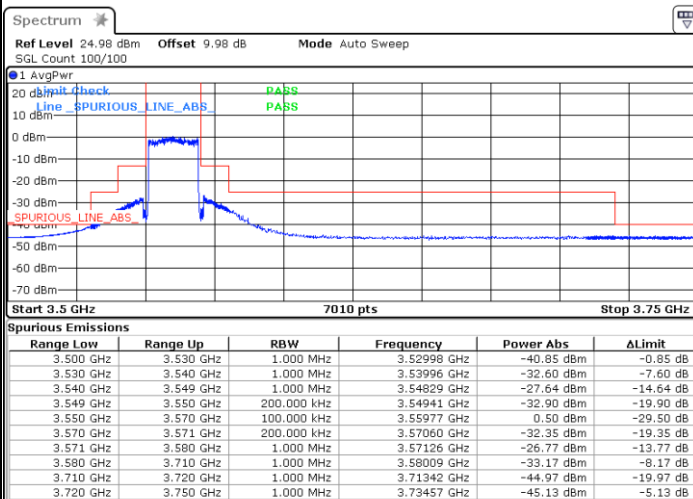


Ready

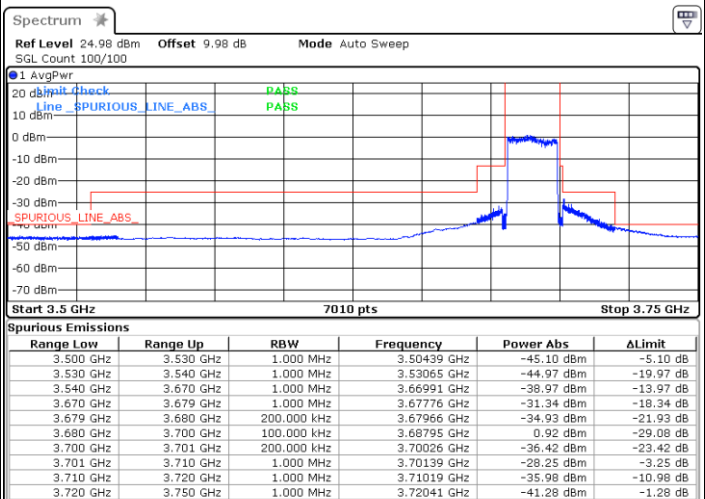
Date: 1.AUG.2020 14:36:04

## Lowest Channel / FullRB

## Highest Channel / FullRB



Date: 1.AUG.2020 13:14:54



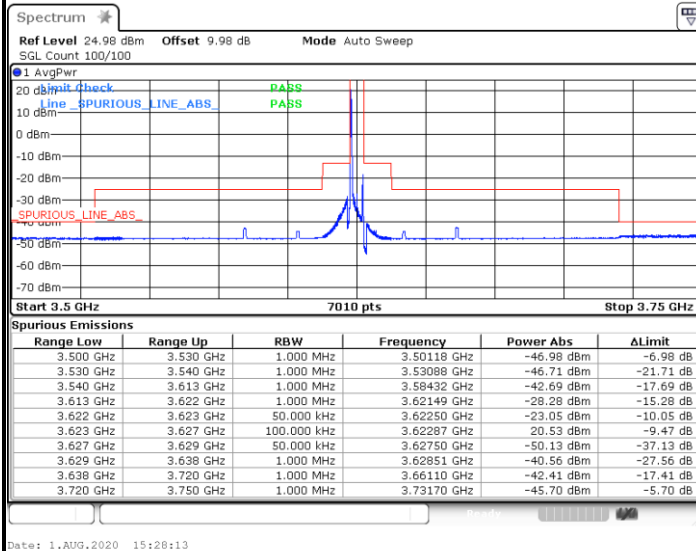
Date: 1.AUG.2020 13:39:30



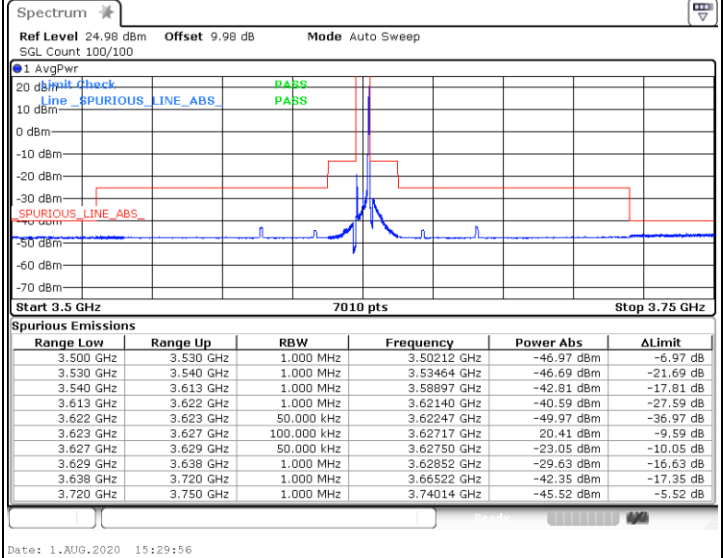
## LTE Band 48 / 5MHz

## QPSK

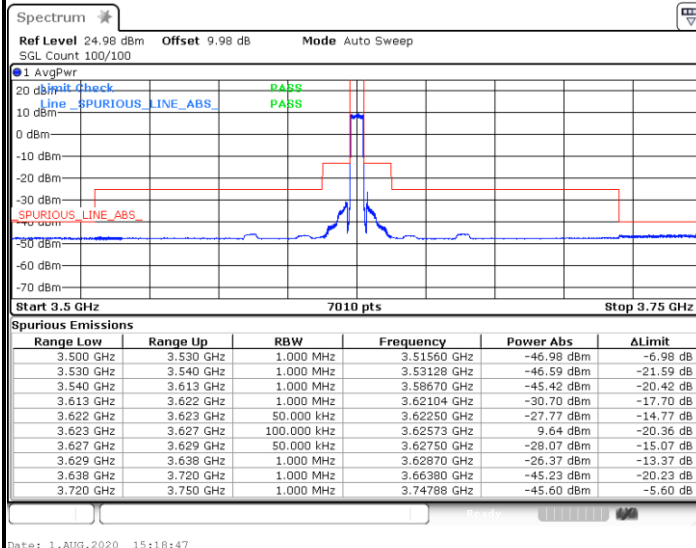
## Mid Channel / 1RB0



## Mid Channel / 1RBmax



## Mid Channel / FullIRB



## N/A

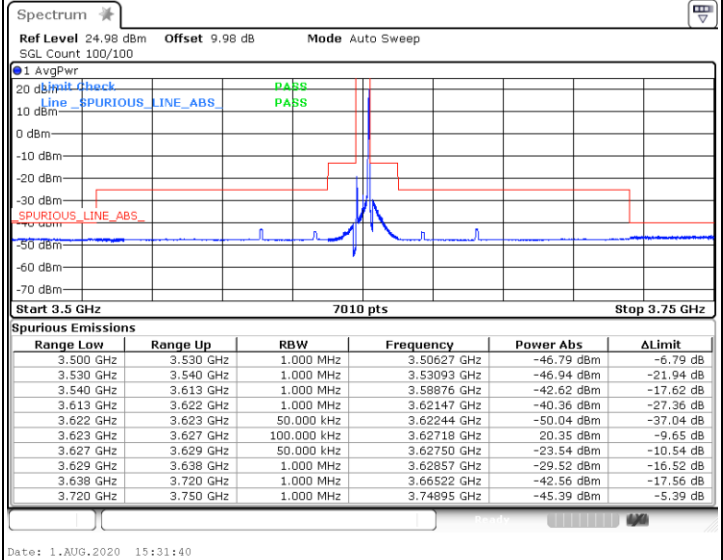
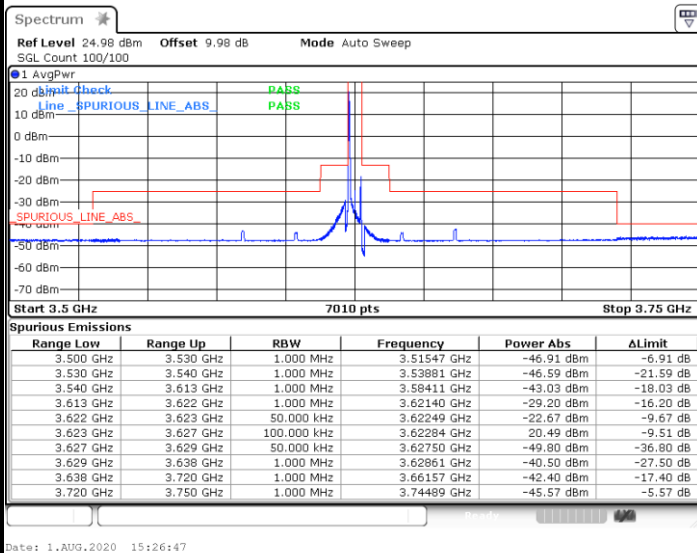


## LTE Band 48 / 5MHz

## 16QAM

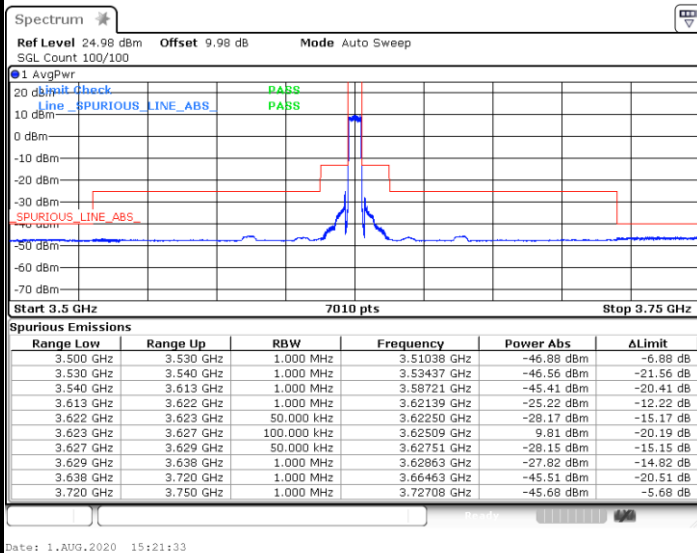
## Mid Channel / 1RB0

## Mid Channel / 1RBmax



## Mid Channel / FullIRB

## N/A



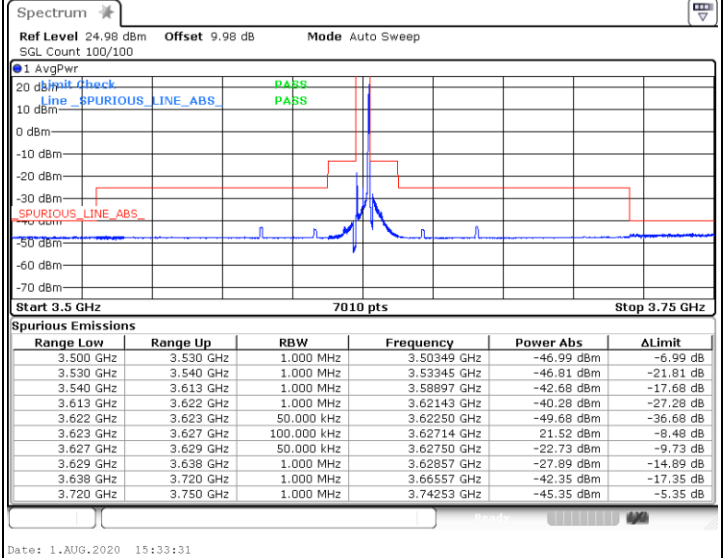
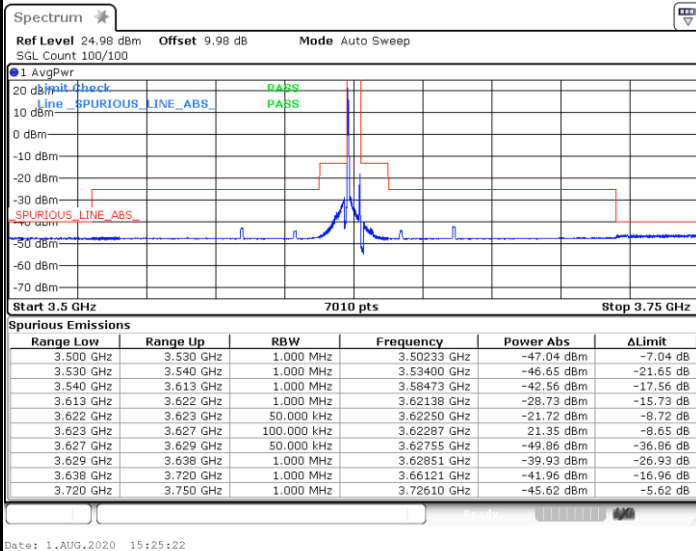


## LTE Band 48 / 5MHz

## 64QAM

## Mid Channel / 1RB0

## Mid Channel / 1RBmax



## Mid Channel / FullIRB

## N/A

