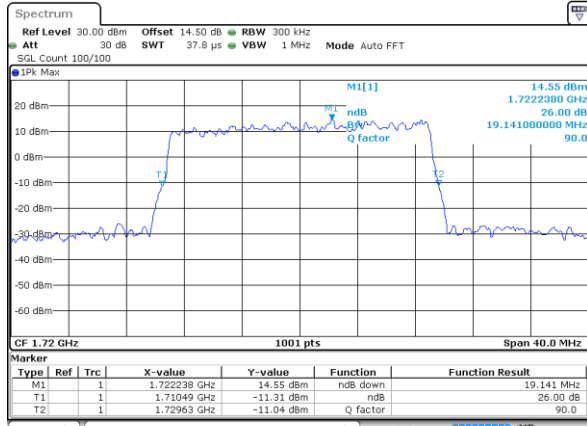




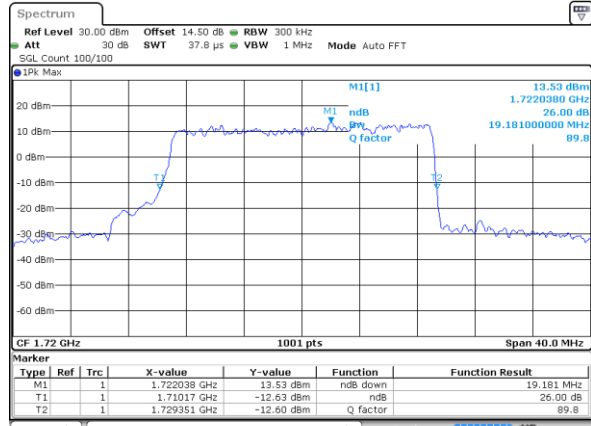
## LTE Band 4

## Lowest Channel / 20MHz / QPSK



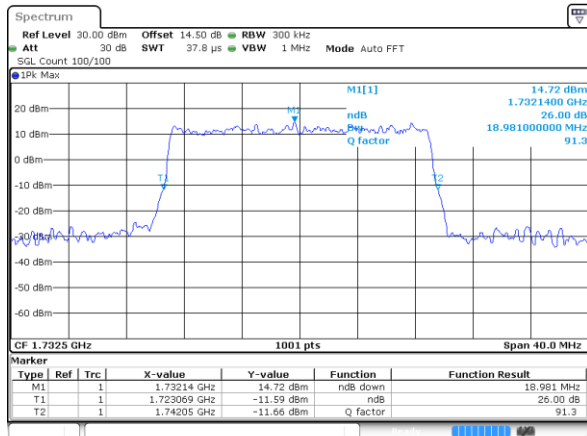
Date: 22 MAR 2020 11:42:40

## Lowest Channel / 20MHz / 16QAM



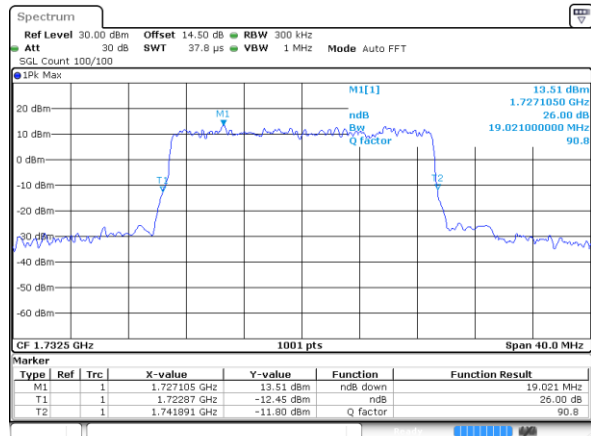
Date: 22 MAR 2020 11:42:50

## Middle Channel / 20MHz / QPSK



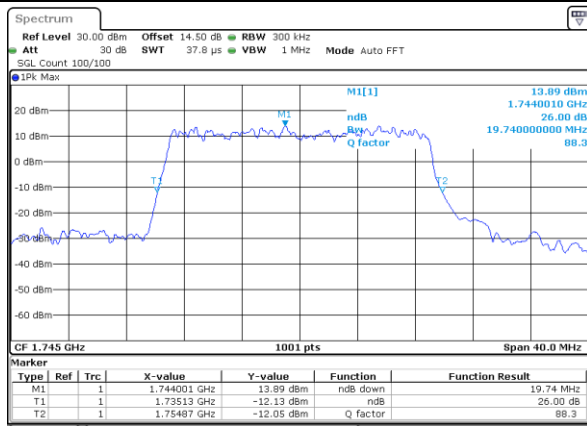
Date: 22 MAR 2020 11:47:57

## Middle Channel / 20MHz / 16QAM



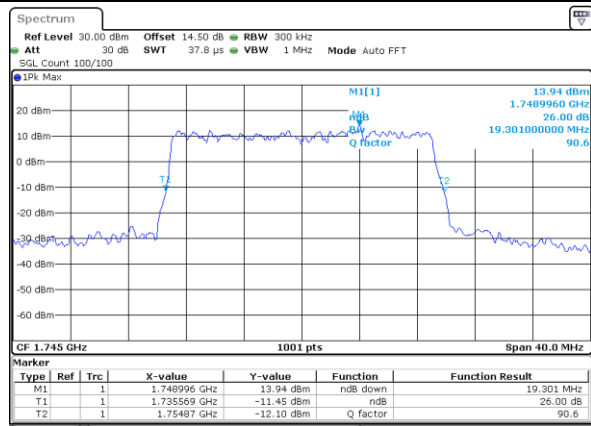
Date: 22 MAR 2020 11:48:08

## Highest Channel / 20MHz / QPSK



Date: 22 MAR 2020 11:50:39

## Highest Channel / 20MHz / 16QAM



Date: 22 MAR 2020 11:50:50



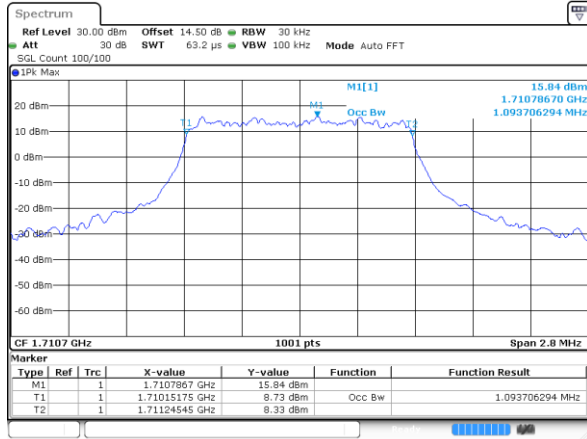
## Occupied Bandwidth

| Mode       | LTE Band 4 : 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  | 1.09                     | 1.09  | 2.73 | 2.76  | 4.51 | 4.49  | 9.01  | 9.03  | 13.49 | 13.46 | 17.94 | 17.9  |
| Middle CH  | 1.09                     | 1.09  | 2.76 | 2.72  | 4.48 | 4.48  | 9.09  | 9.03  | 13.46 | 13.43 | 17.94 | 17.9  |
| Highest CH | 1.09                     | 1.09  | 2.75 | 2.72  | 4.49 | 4.5   | 9.03  | 9.01  | 13.43 | 13.52 | 17.98 | 17.9  |

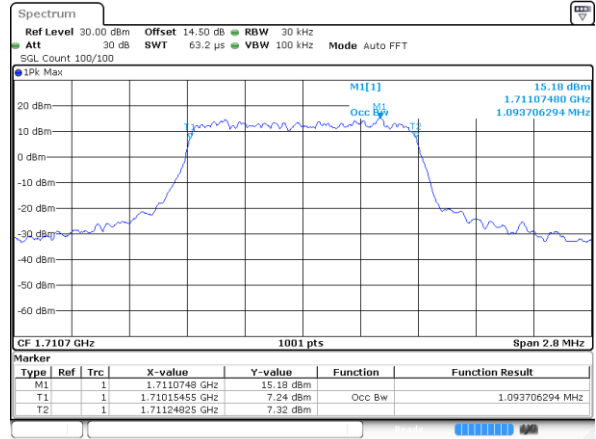


## LTE Band 4

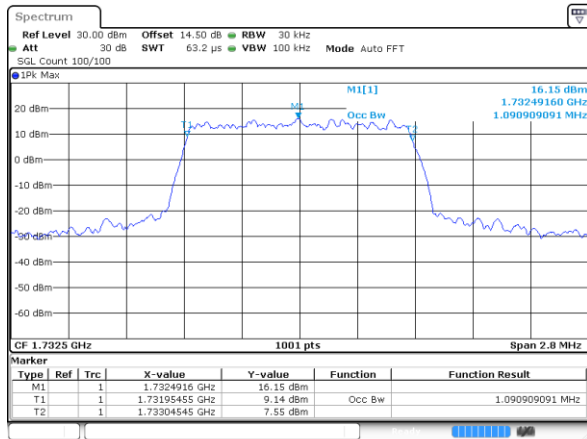
## Lowest Channel / 1.4MHz / QPSK



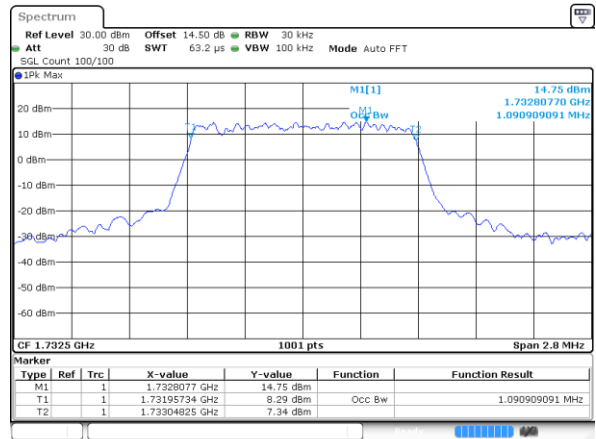
## Lowest Channel / 1.4MHz / 16QAM



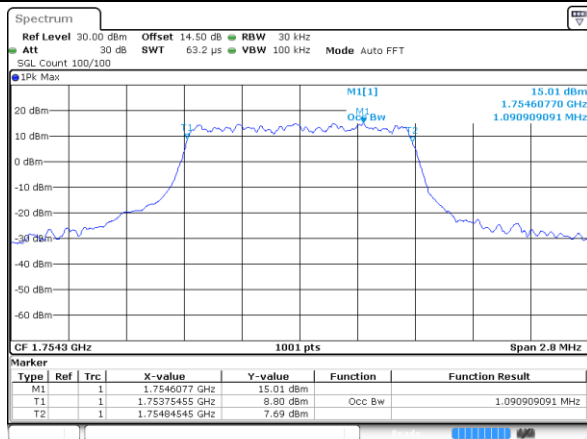
## Middle Channel / 1.4MHz / QPSK



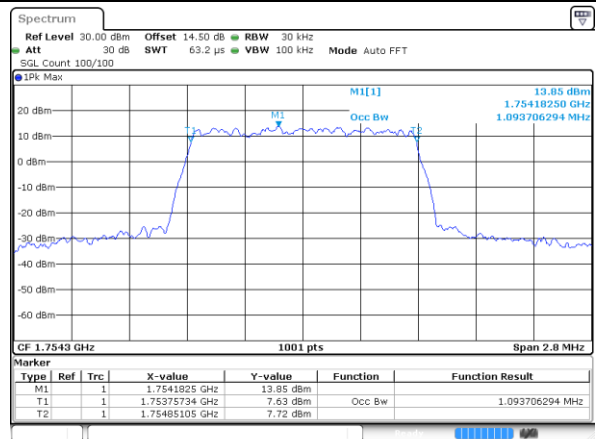
## Middle Channel / 1.4MHz / 16QAM



## Highest Channel / 1.4MHz / QPSK



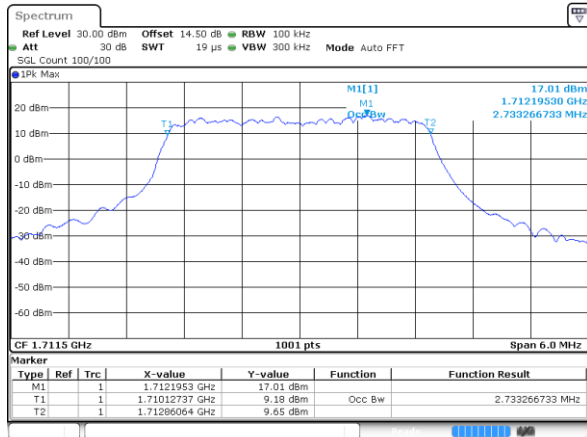
## Highest Channel / 1.4MHz / 16QAM



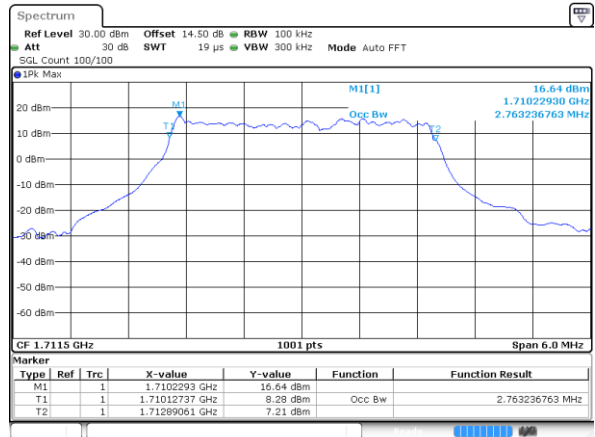


## LTE Band 4

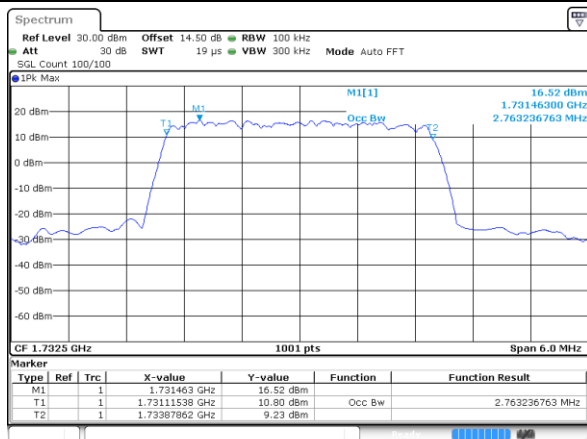
## Lowest Channel / 3MHz / QPSK



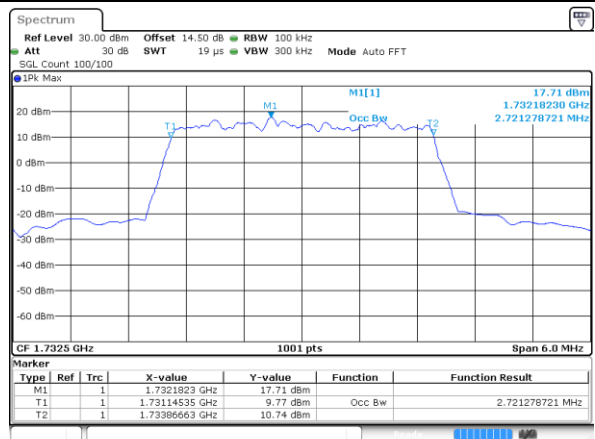
## Lowest Channel / 3MHz / 16QAM



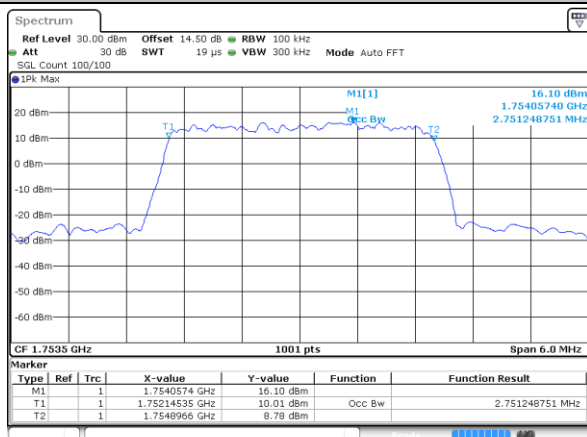
## Middle Channel / 3MHz / QPSK



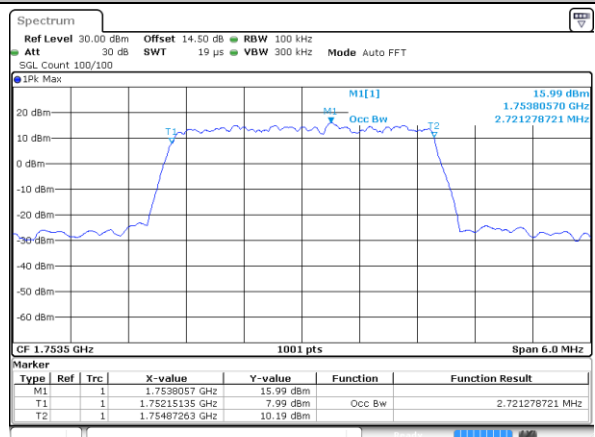
## Middle Channel / 3MHz / 16QAM



## Highest Channel / 3MHz / QPSK



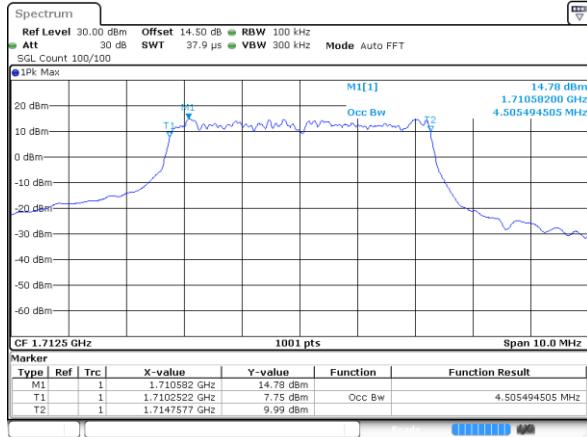
## Highest Channel / 3MHz / 16QAM



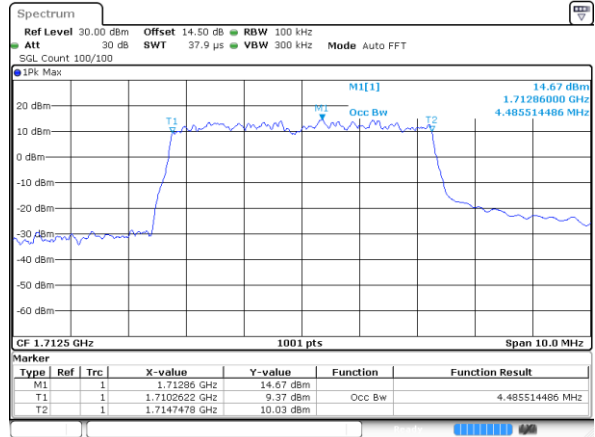


## LTE Band 4

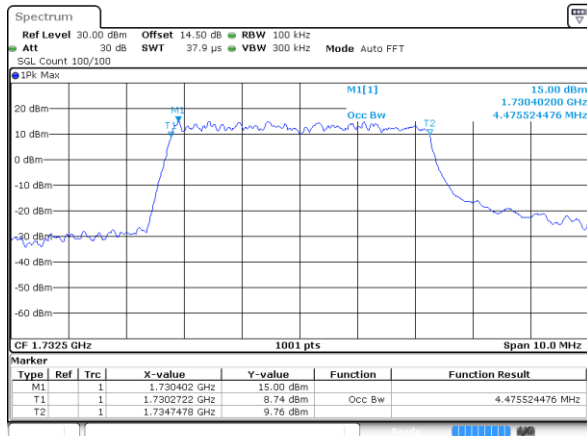
## Lowest Channel / 5MHz / QPSK



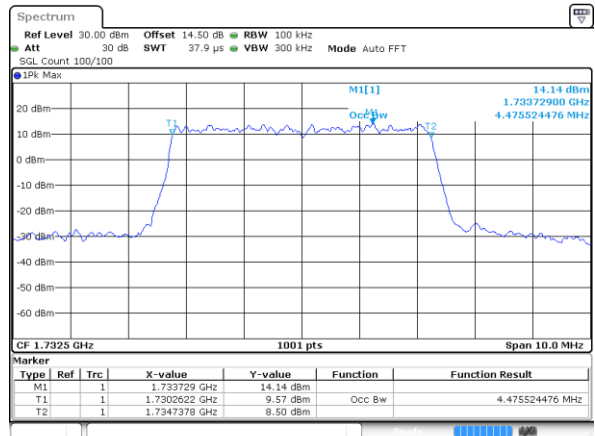
## Lowest Channel / 5MHz / 16QAM



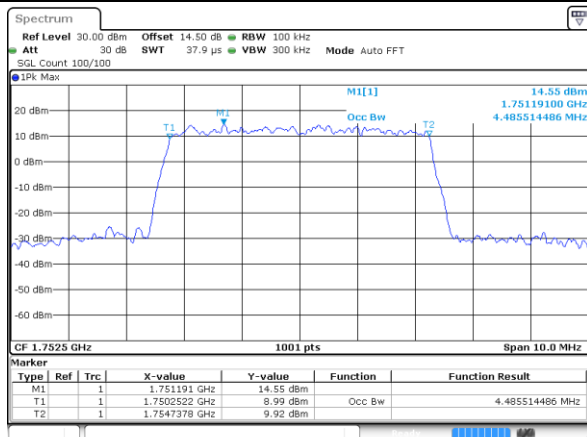
## Middle Channel / 5MHz / QPSK



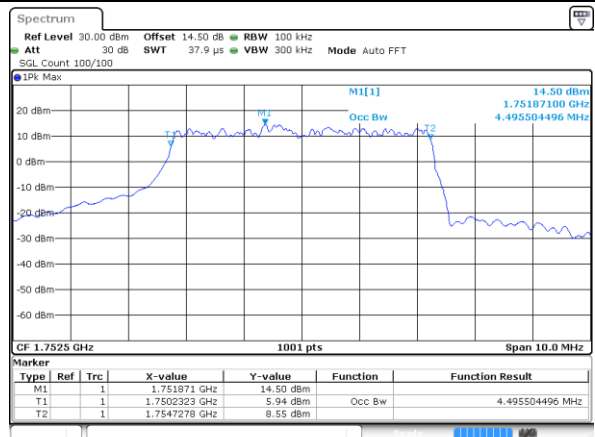
## Middle Channel / 5MHz / 16QAM



## Highest Channel / 5MHz / QPSK



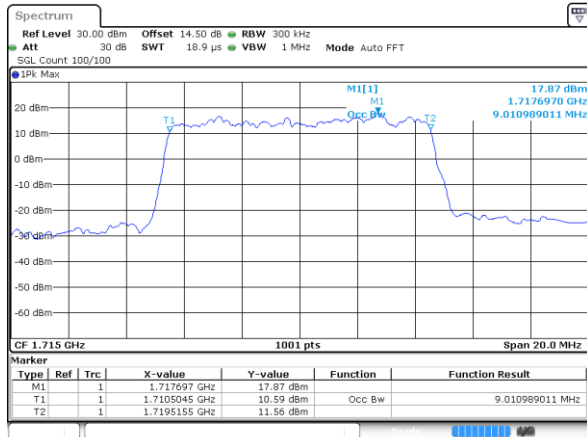
## Highest Channel / 5MHz / 16QAM



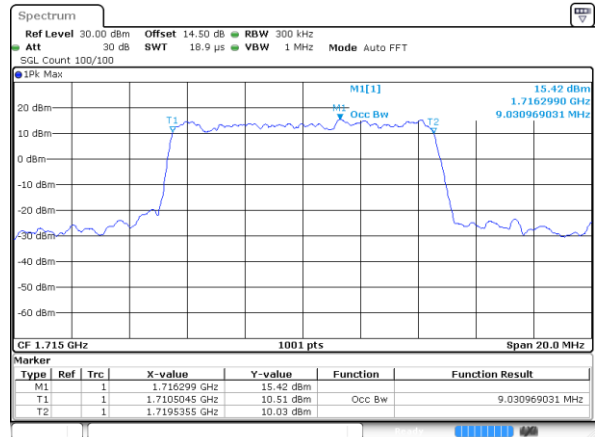


## LTE Band 4

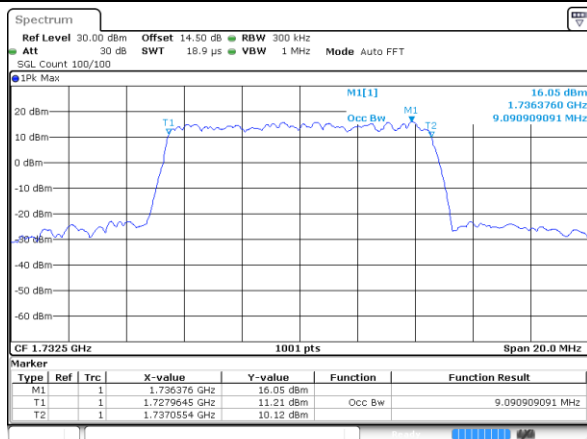
## Lowest Channel / 10MHz / QPSK



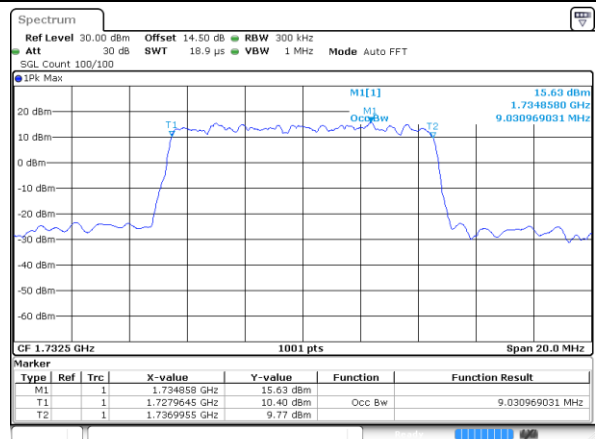
## Lowest Channel / 10MHz / 16QAM



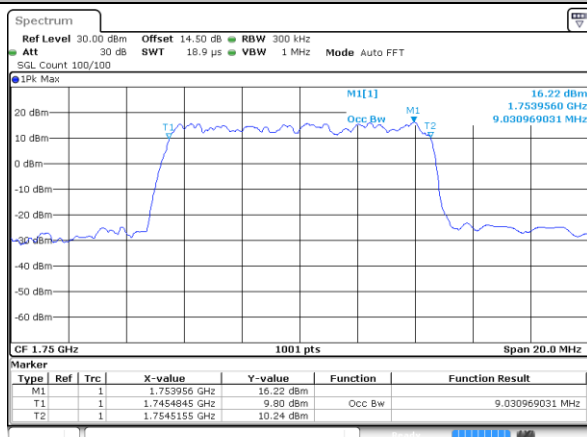
## Middle Channel / 10MHz / QPSK



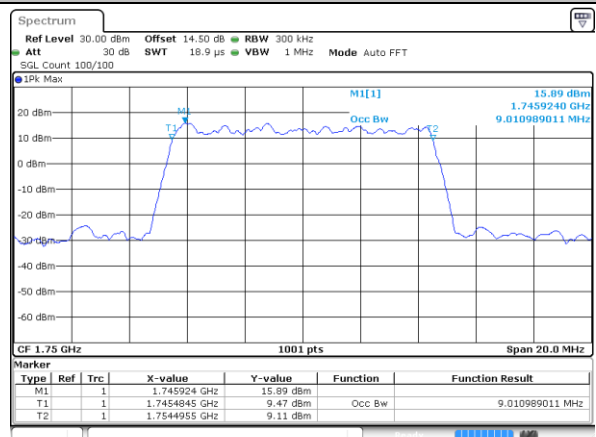
## Middle Channel / 10MHz / 16QAM



## Highest Channel / 10MHz / QPSK



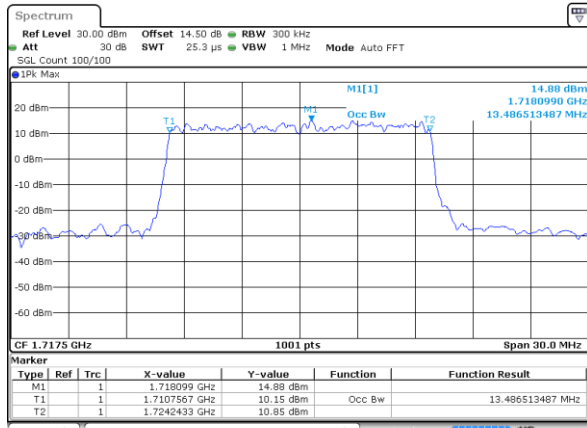
## Highest Channel / 10MHz / 16QAM





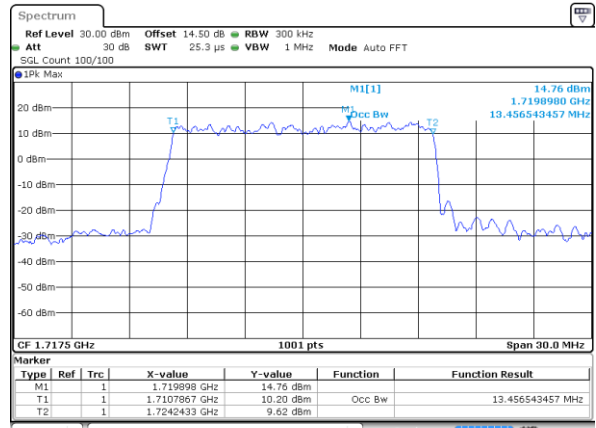
## LTE Band 4

## Lowest Channel / 15MHz / QPSK



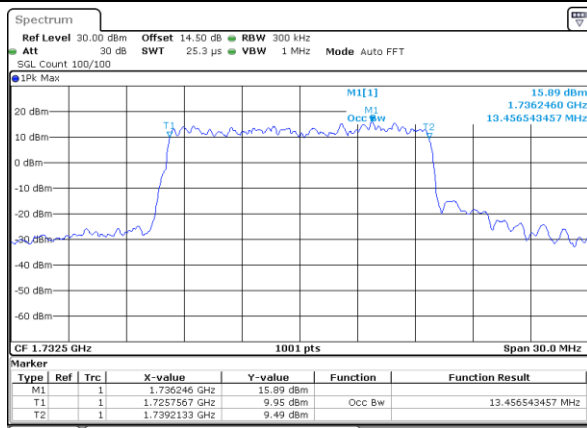
Date: 22 MAR 2020 11:29:01

## Lowest Channel / 15MHz / 16QAM



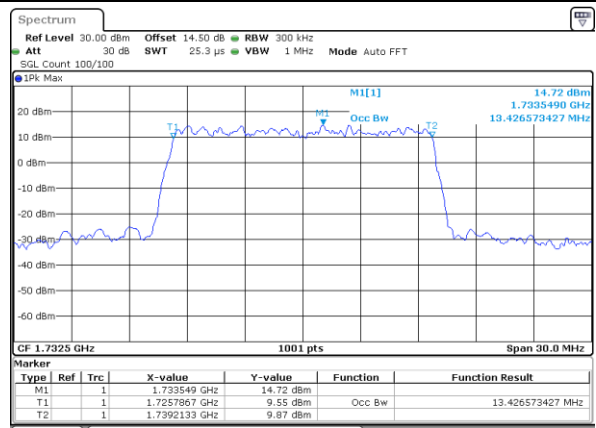
Date: 22 MAR 2020 11:29:12

## Middle Channel / 15MHz / QPSK



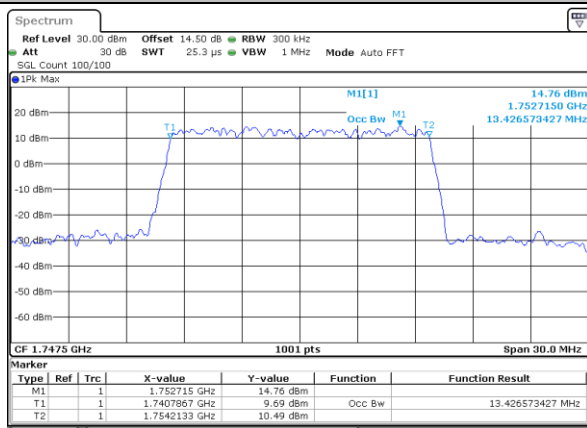
Date: 22 MAR 2020 11:34:18

## Middle Channel / 15MHz / 16QAM



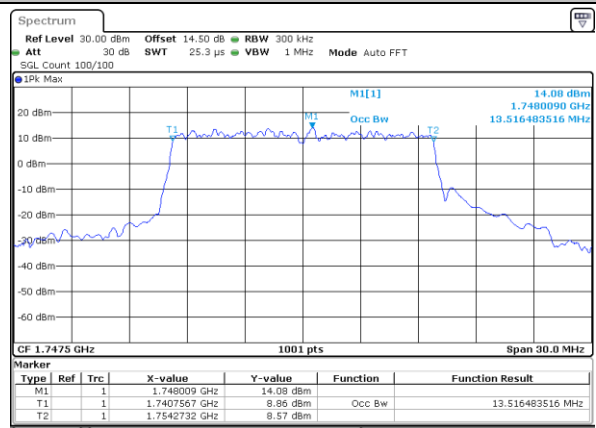
Date: 22 MAR 2020 11:34:29

## Highest Channel / 15MHz / QPSK



Date: 22 MAR 2020 11:37:00

## Highest Channel / 15MHz / 16QAM

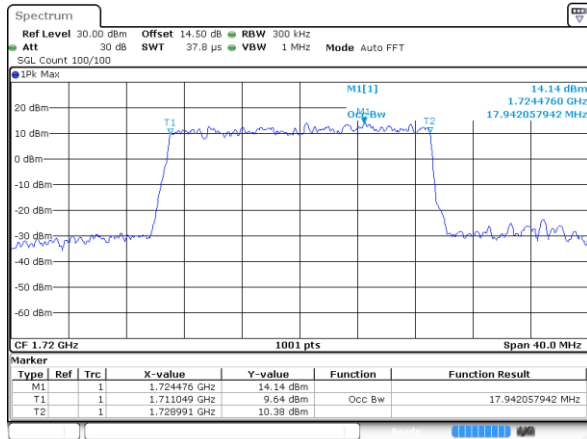


Date: 22 MAR 2020 11:37:11



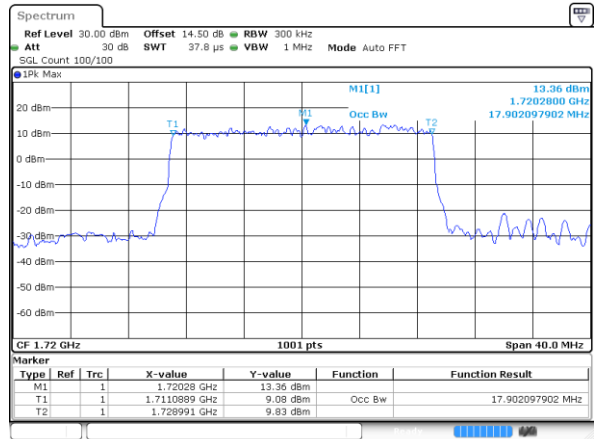
## LTE Band 4

## Lowest Channel / 20MHz / QPSK



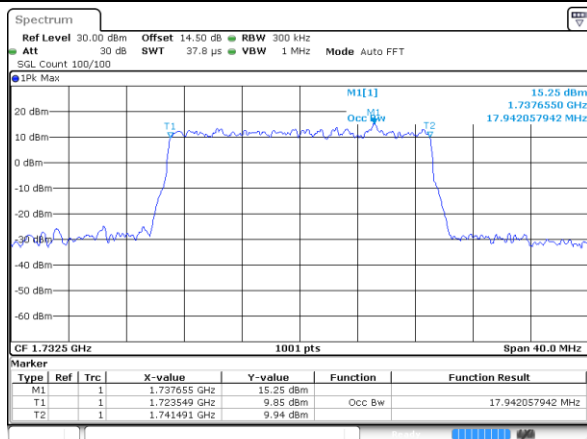
Date: 22 MAR 2020 11:42:18

## Lowest Channel / 20MHz / 16QAM



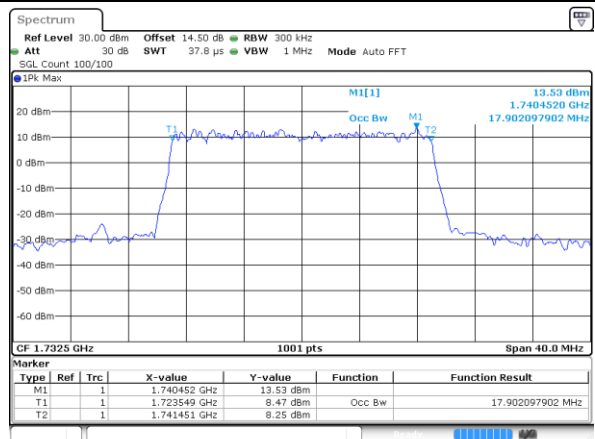
Date: 22 MAR 2020 11:42:29

## Middle Channel / 20MHz / QPSK



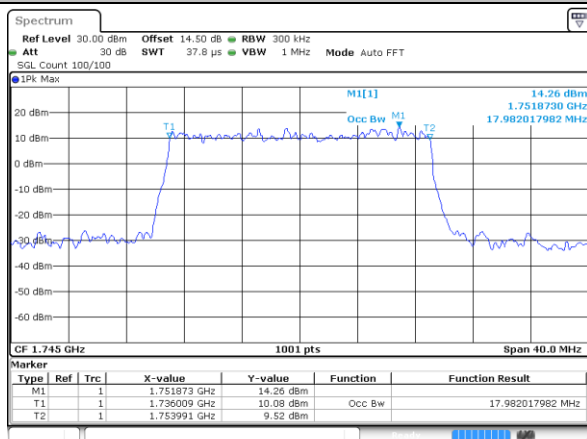
Date: 22 MAR 2020 11:47:35

## Middle Channel / 20MHz / 16QAM



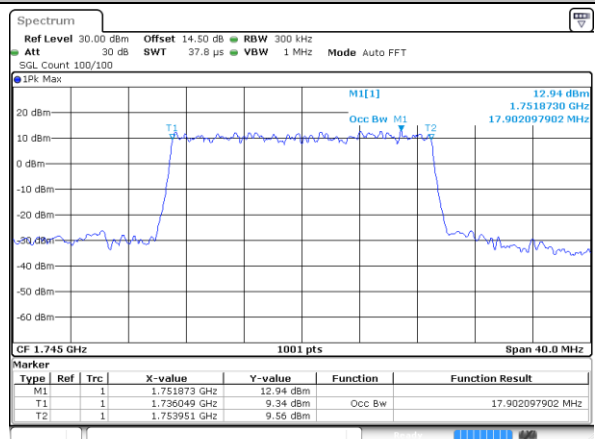
Date: 22 MAR 2020 11:47:46

## Highest Channel / 20MHz / QPSK



Date: 22 MAR 2020 11:50:18

## Highest Channel / 20MHz / 16QAM



Date: 22 MAR 2020 11:50:28

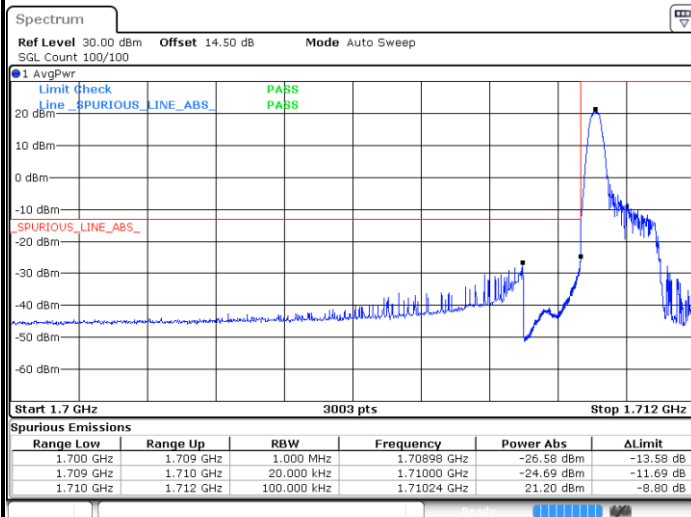


## **Conducted Band Edge**

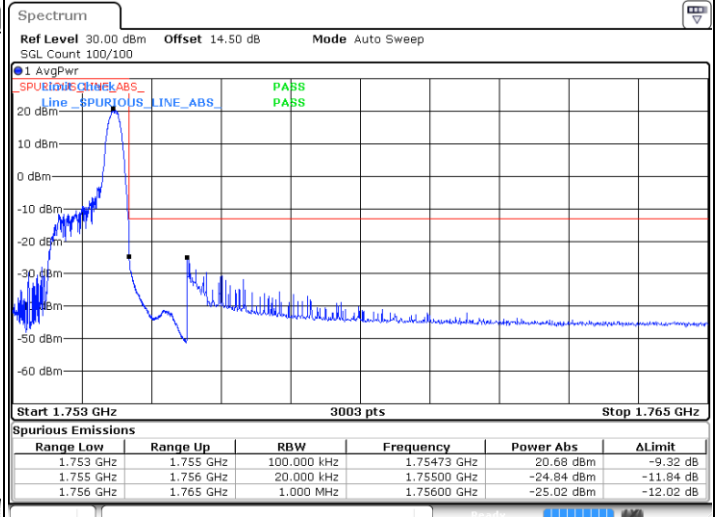


## LTE Band 4 / 1.4MHz / QPSK

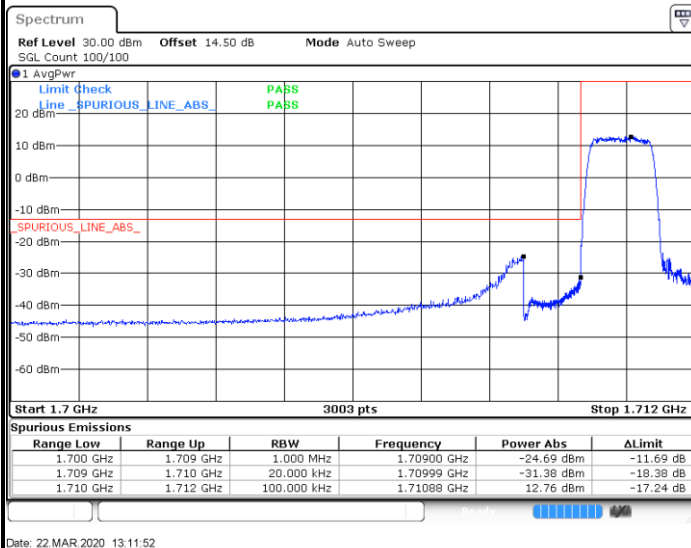
## Lowest Band Edge / 1RB



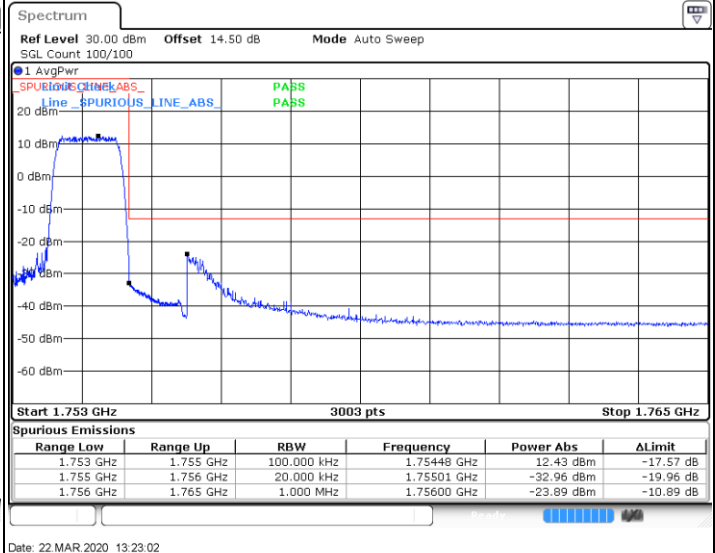
## Highest Band Edge / 1RB



## Lowest Band Edge / Full RB



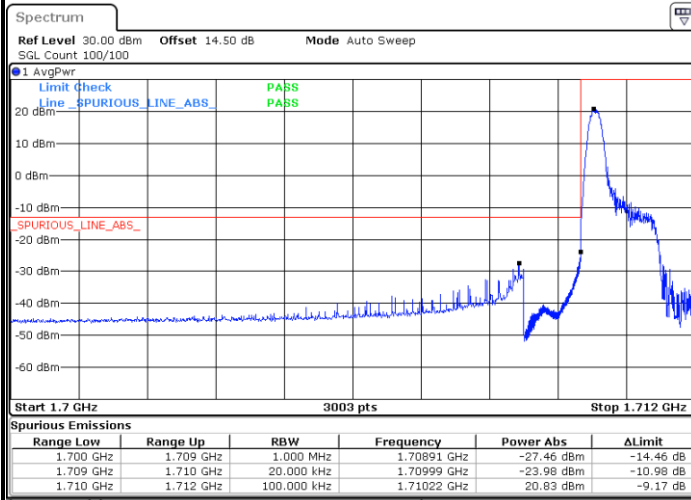
## Highest Band Edge / Full RB





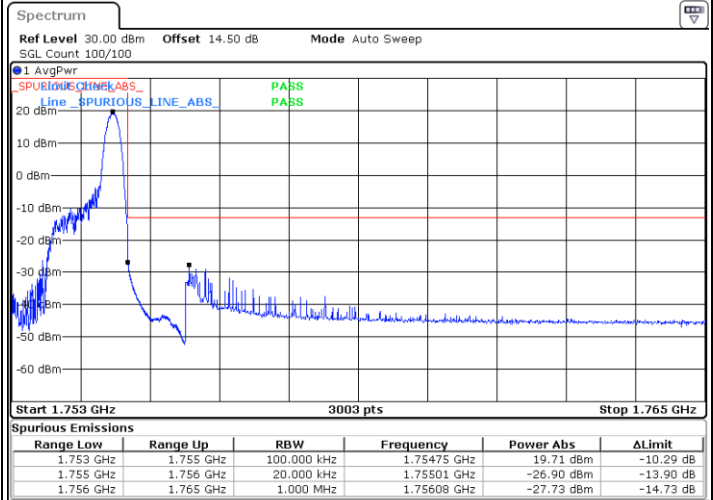
## LTE Band 4 / 1.4MHz / 16QAM

## Lowest Band Edge / 1 RB



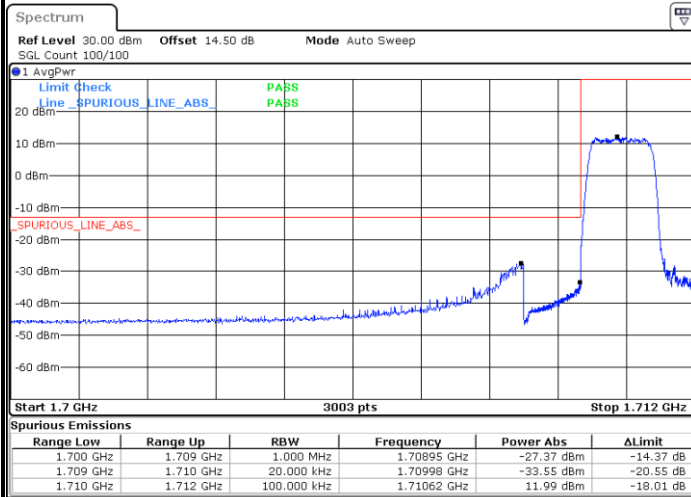
Date: 22 MAR 2020 13:16:30

## Highest Band Edge / 1 RB



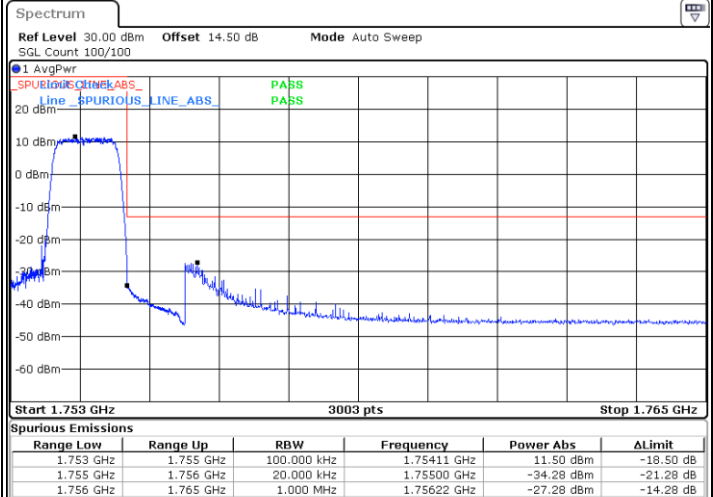
Date: 22 MAR 2020 13:20:22

## Lowest Band Edge / Full RB



Date: 22 MAR 2020 13:13:28

## Highest Band Edge / Full RB

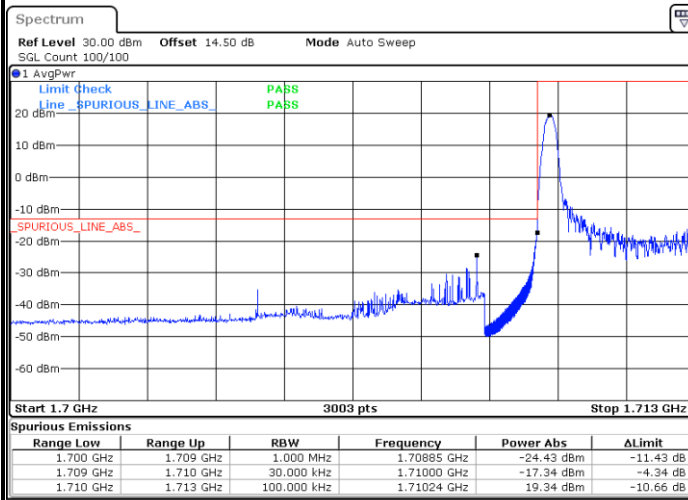


Date: 22 MAR 2020 13:29:25

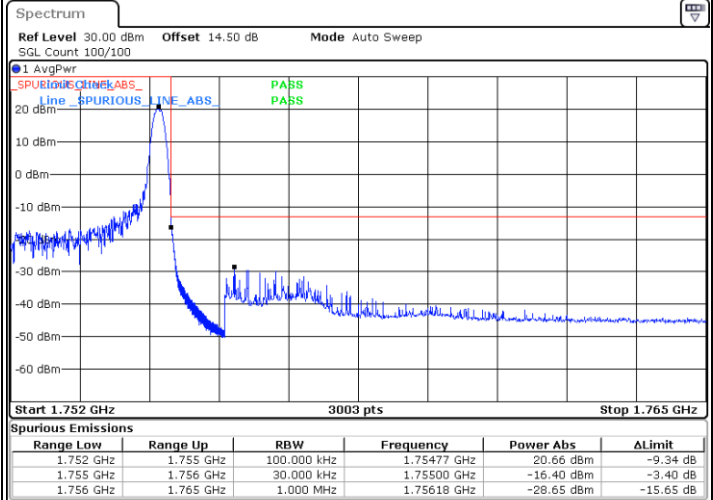


## LTE Band 4 / 3MHz / QPSK

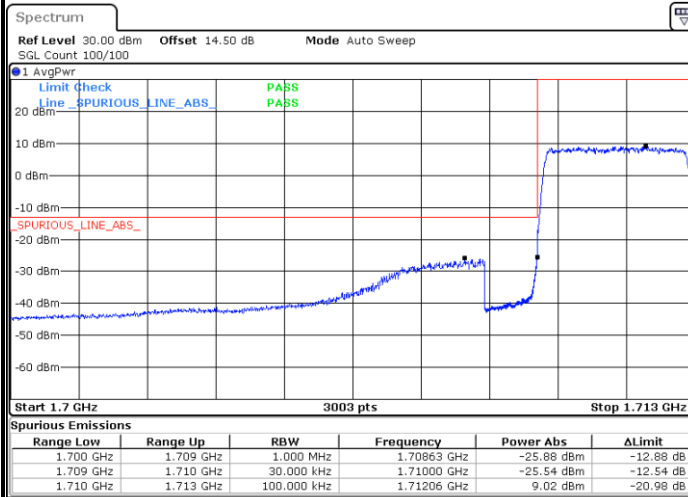
## Lowest Band Edge / 1RB



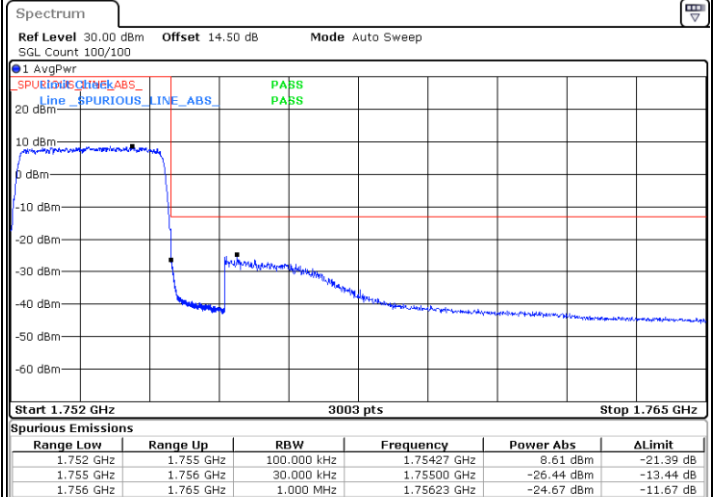
## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



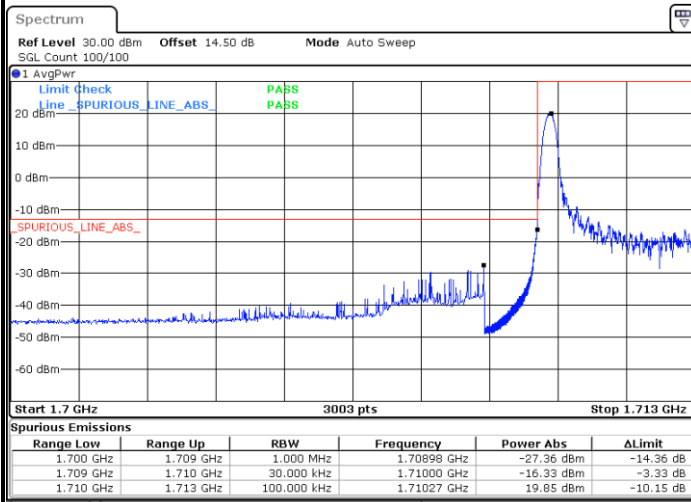
## Highest Band Edge / Full RB



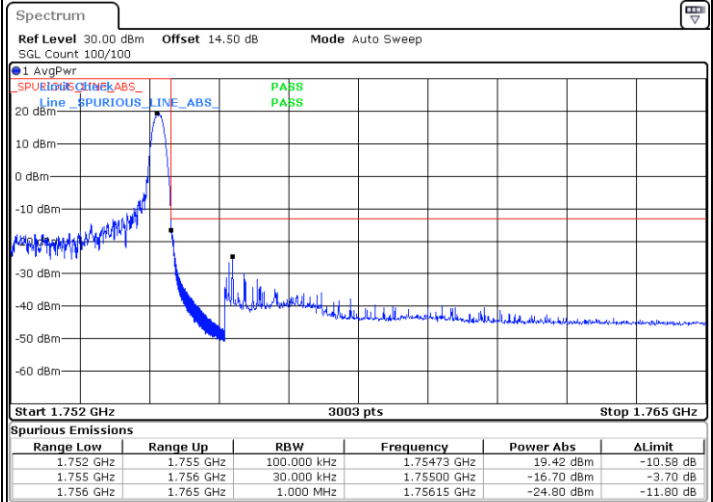


## LTE Band 4 / 3MHz / 16QAM

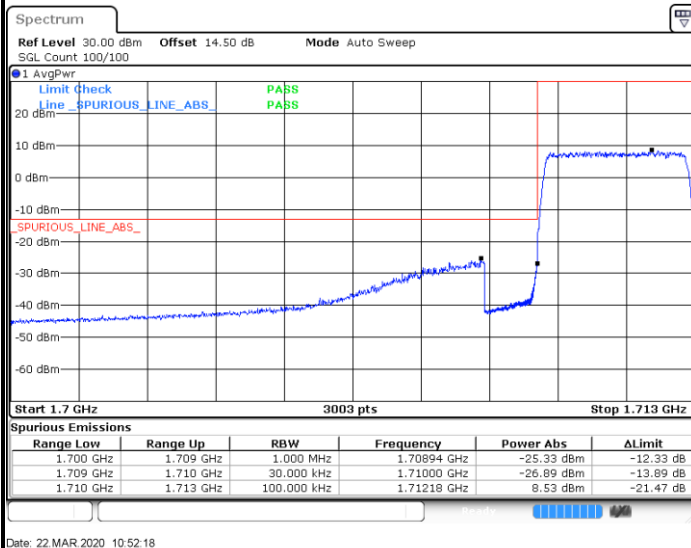
## Lowest Band Edge / 1 RB



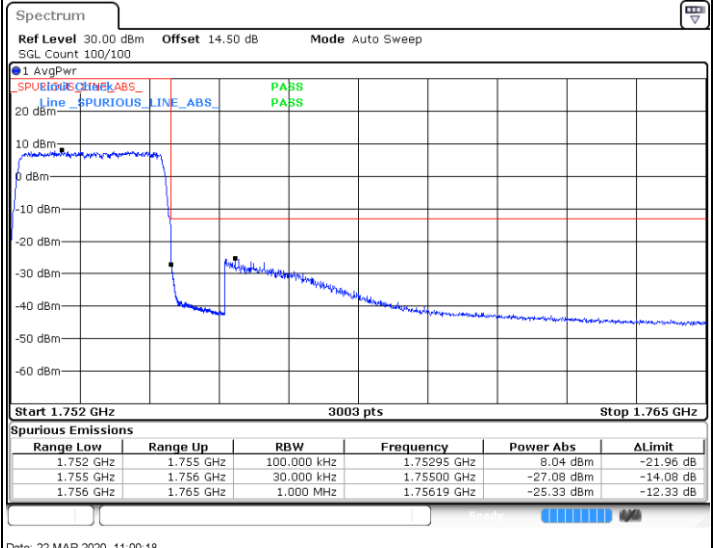
## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



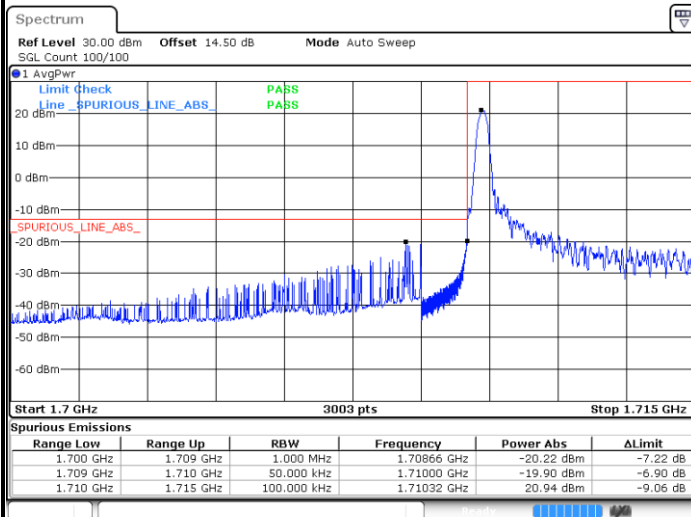
## Highest Band Edge / Full RB



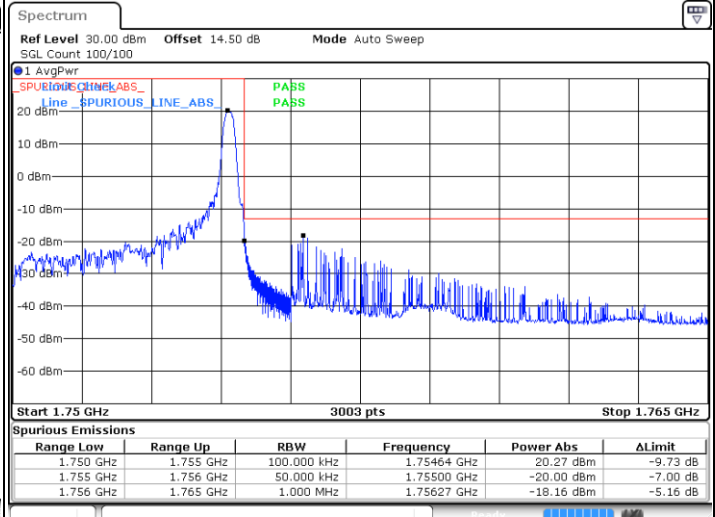


## LTE Band 4 / 5MHz / QPSK

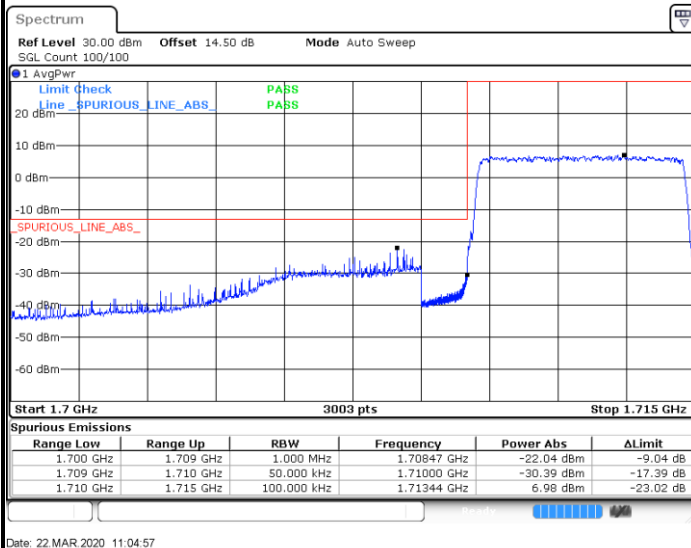
## Lowest Band Edge / 1 RB



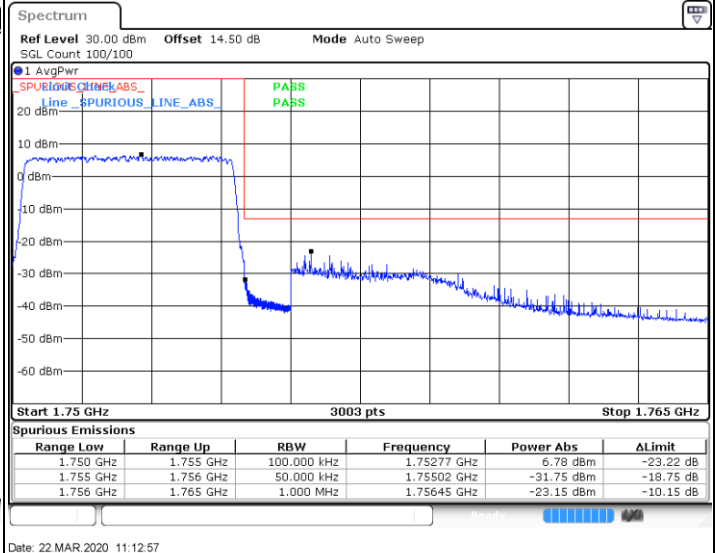
## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



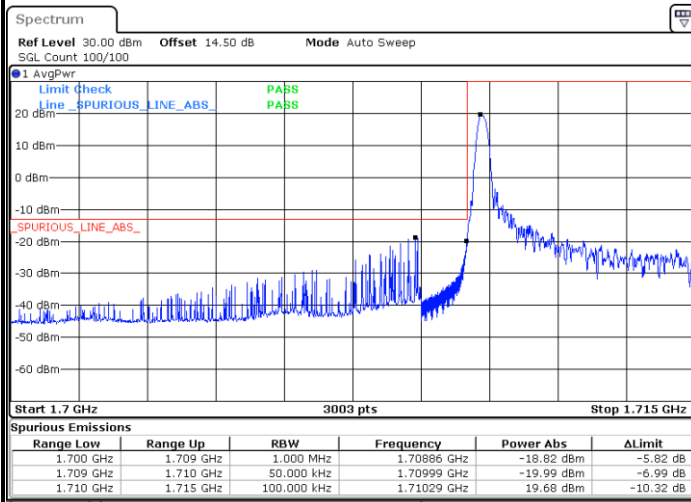
## Highest Band Edge / Full RB



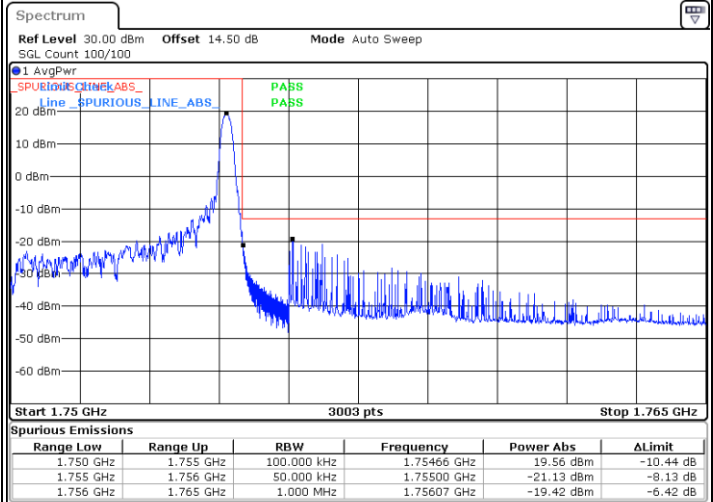


## LTE Band 4 / 5MHz / 16QAM

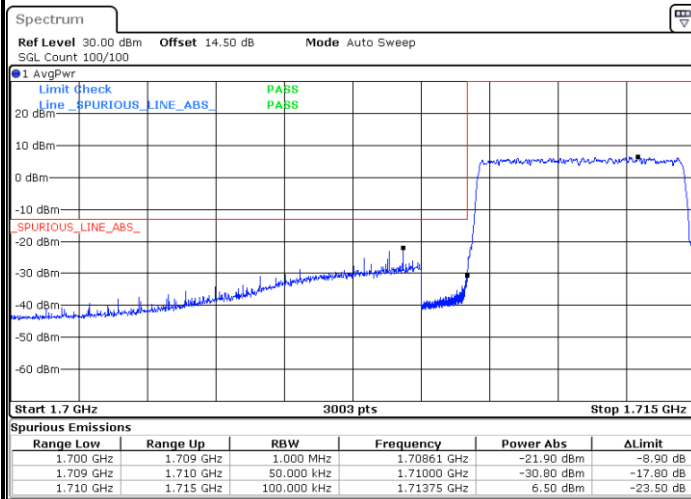
## Lowest Band Edge / 1RB



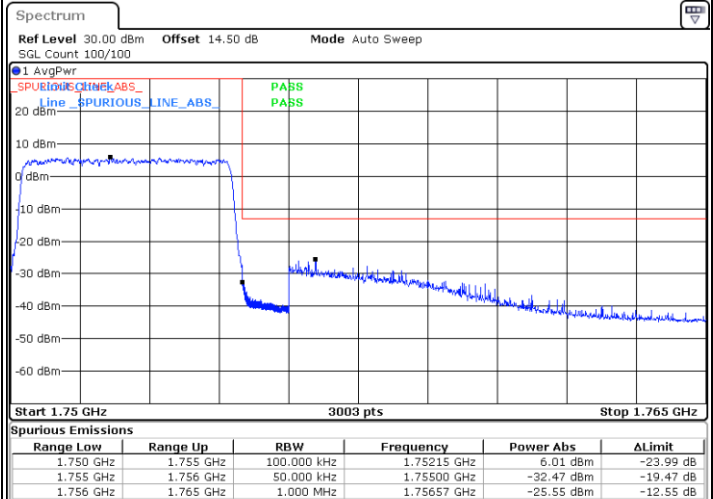
## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



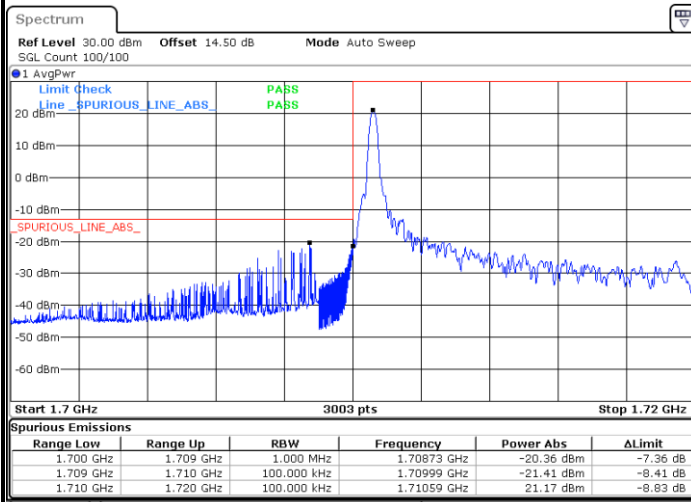
## Highest Band Edge / Full RB



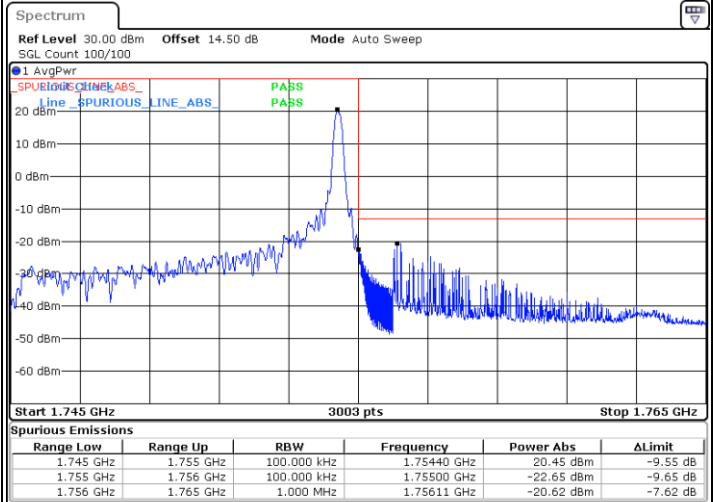


## LTE Band 4 / 10MHz / QPSK

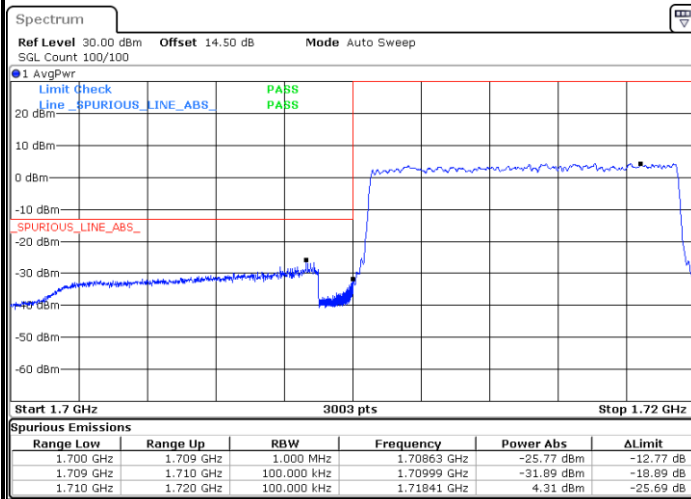
## Lowest Band Edge / 1 RB



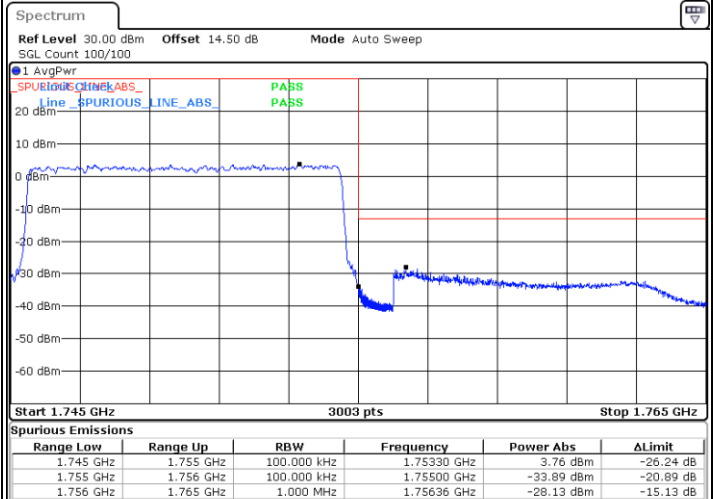
## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



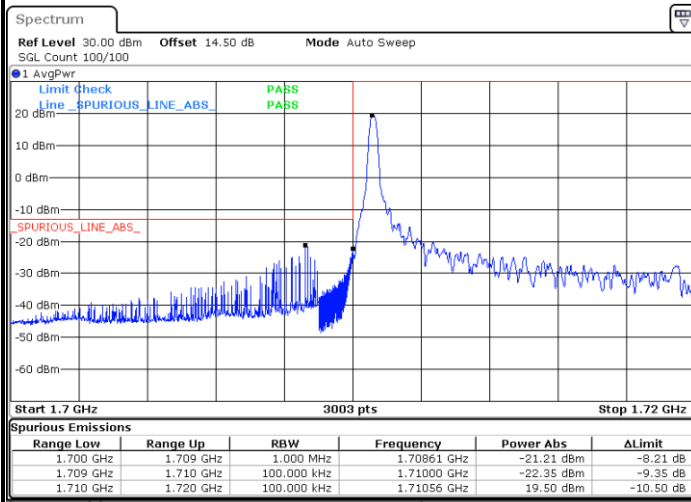
## Highest Band Edge / Full RB





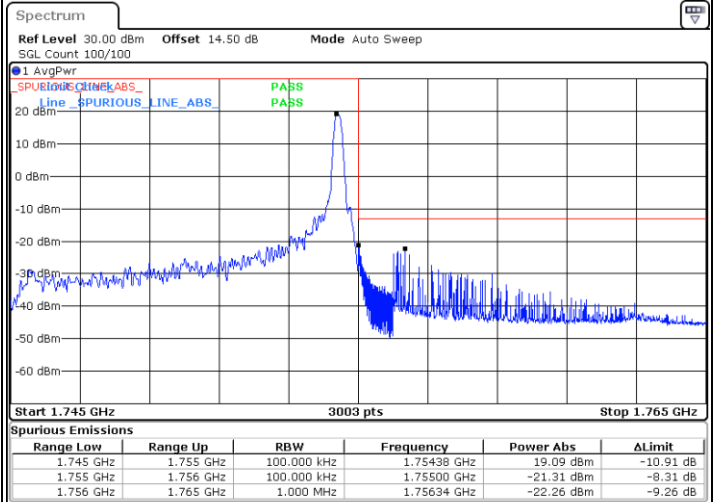
## LTE Band 4 / 10MHz / 16QAM

## Lowest Band Edge / 1 RB



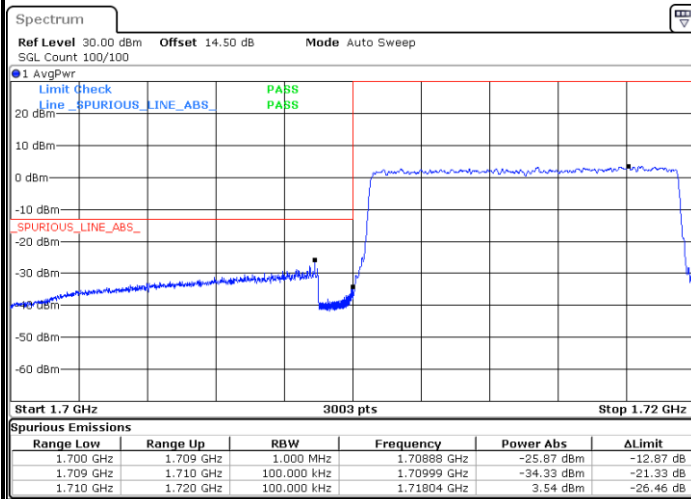
Date: 22 MAR 2020 11:17:36

## Highest Band Edge / 1 RB



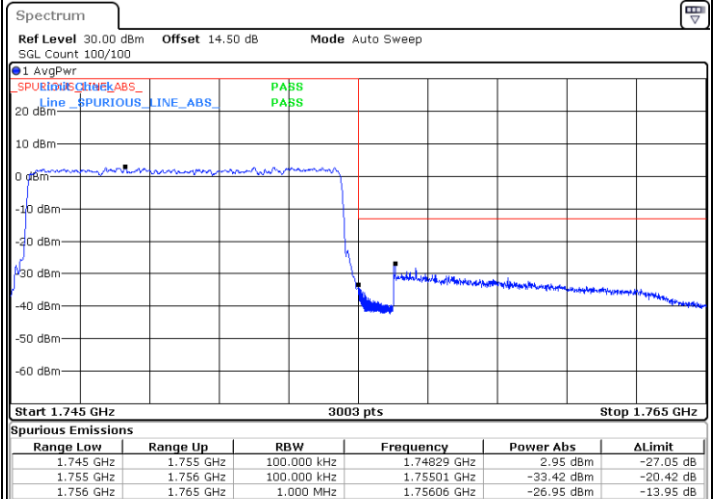
Date: 22 MAR 2020 11:25:35

## Lowest Band Edge / Full RB



Date: 22 MAR 2020 11:18:53

## Highest Band Edge / Full RB

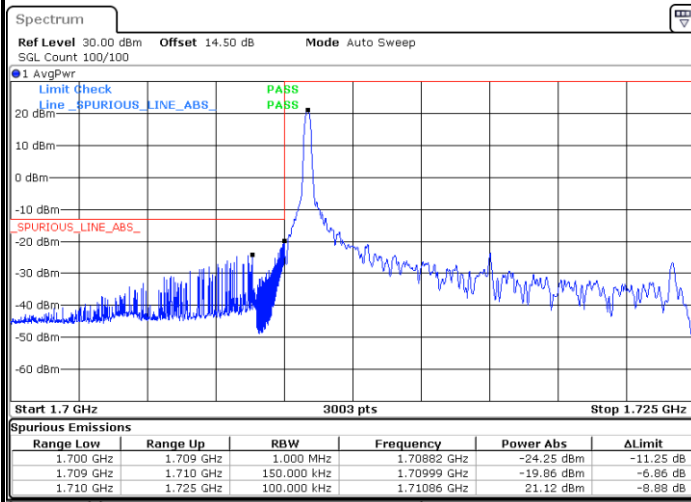


Date: 22 MAR 2020 11:26:52

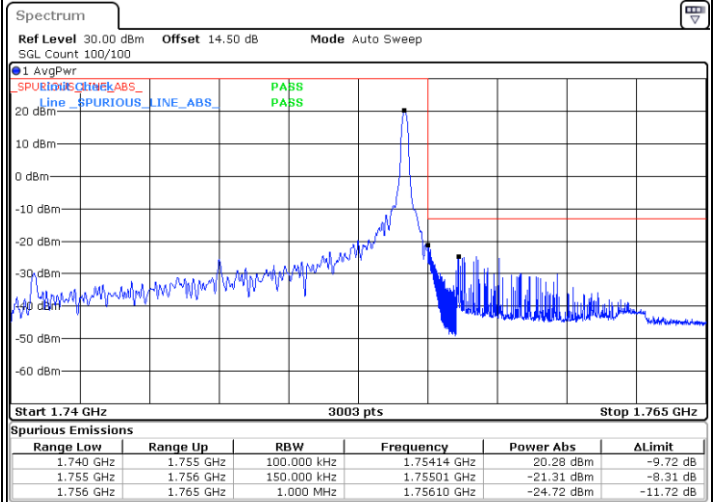


## LTE Band 4 / 15MHz / QPSK

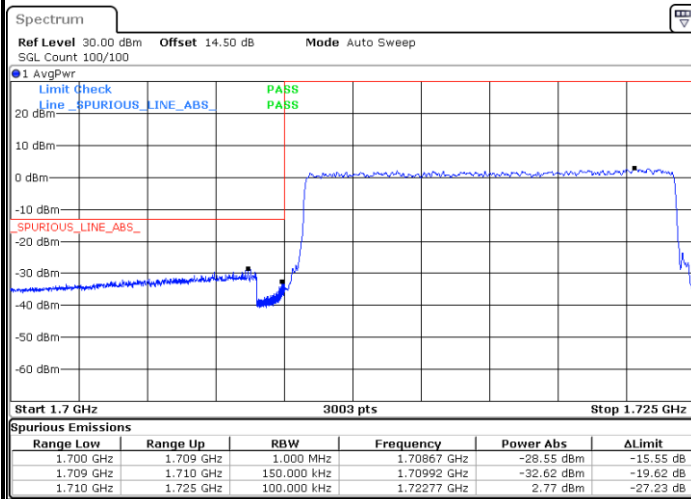
## Lowest Band Edge / 1 RB



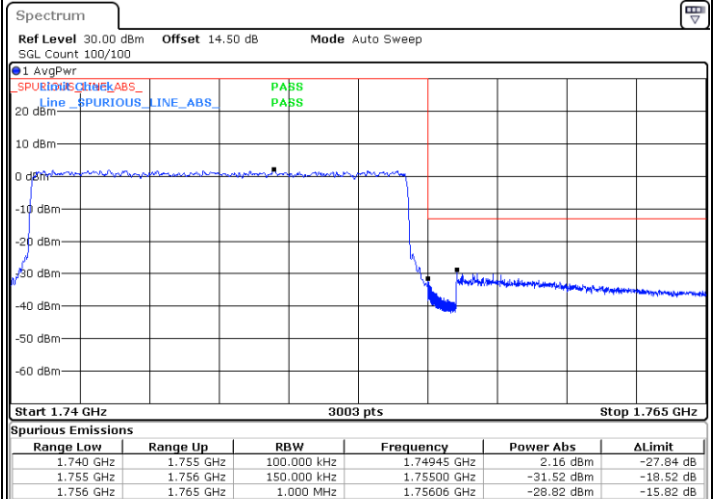
## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



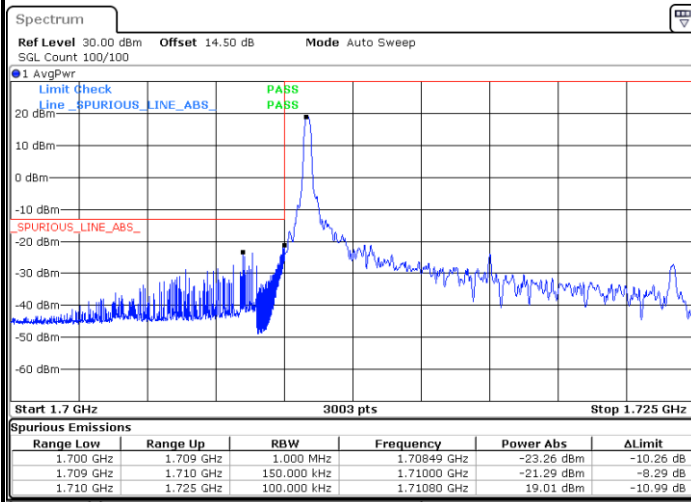
## Highest Band Edge / Full RB



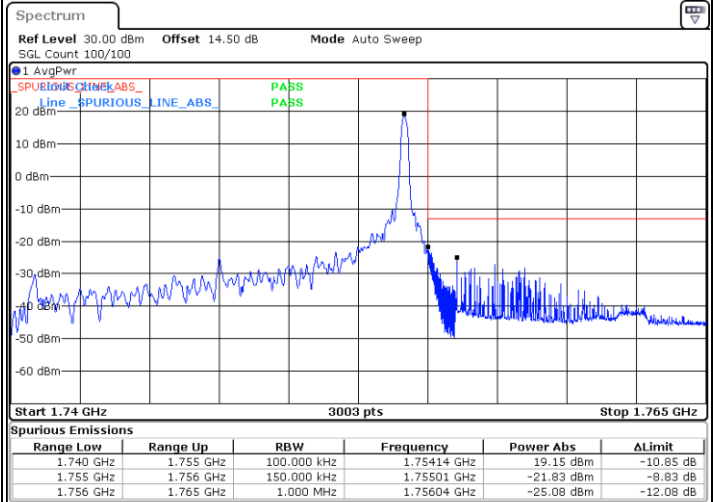


## LTE Band 4 / 15MHz / 16QAM

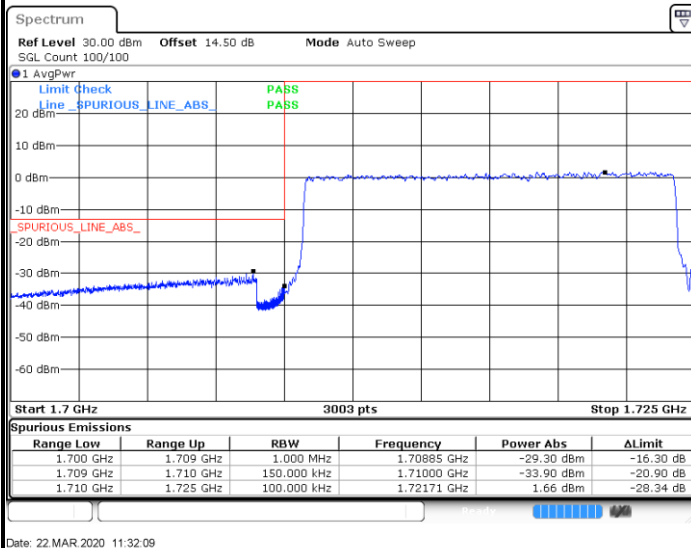
## Lowest Band Edge / 1 RB



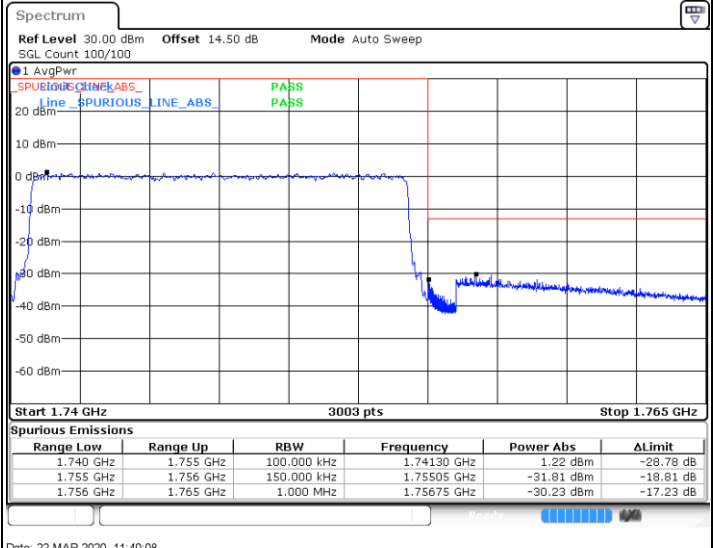
## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



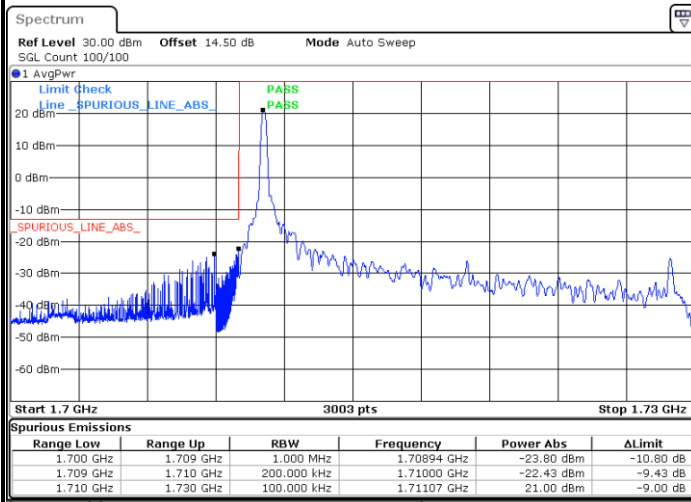
## Highest Band Edge / Full RB



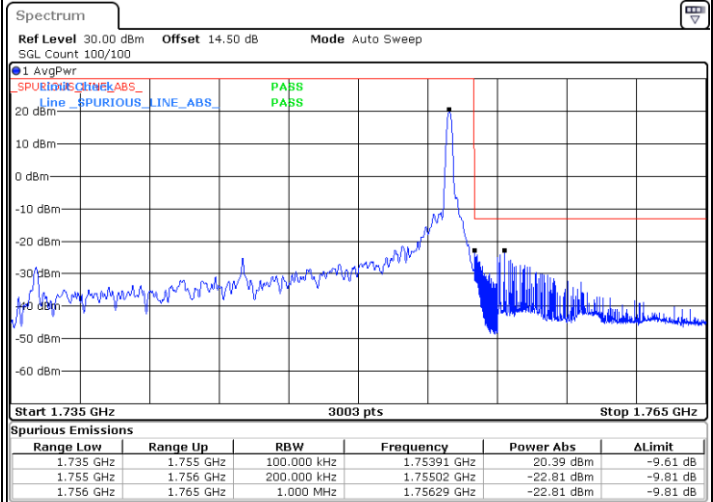


## LTE Band 4 / 20MHz / QPSK

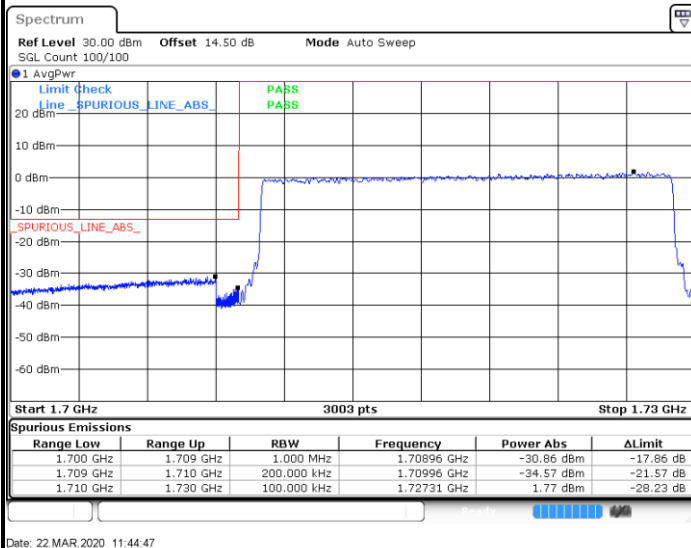
## Lowest Band Edge / 1 RB



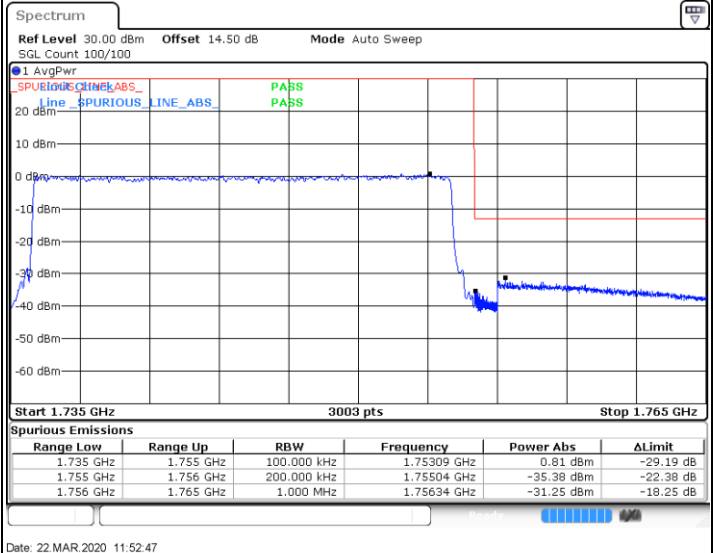
## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



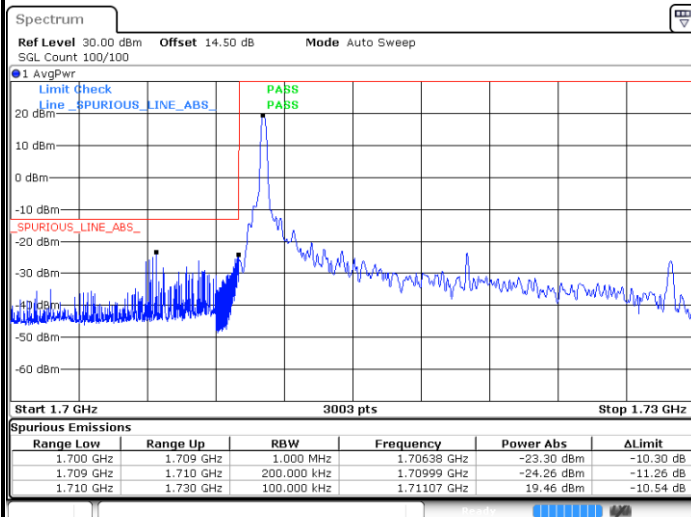
## Highest Band Edge / Full RB



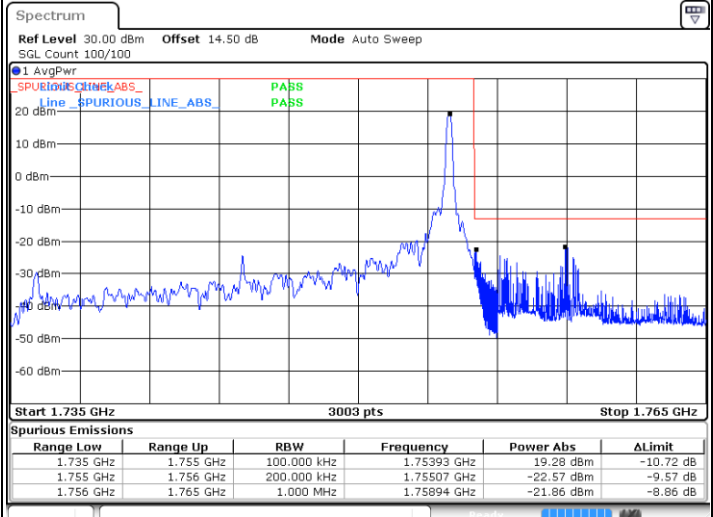


## LTE Band 4 / 20MHz / 16QAM

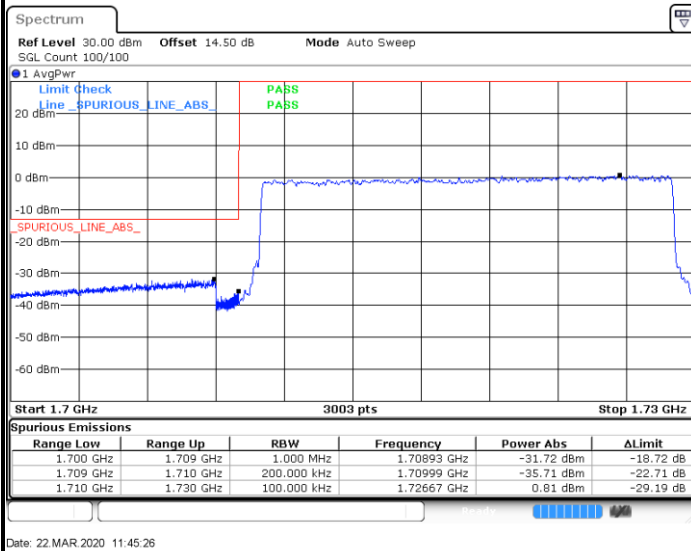
## Lowest Band Edge / 1 RB



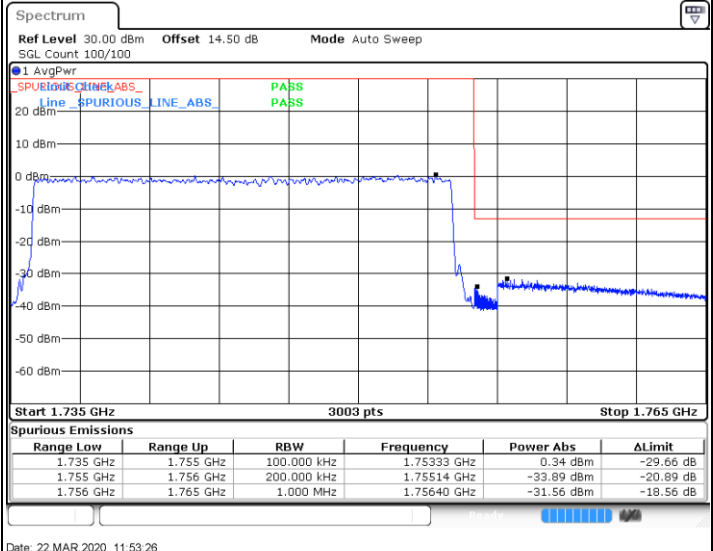
## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



## Highest Band Edge / Full RB



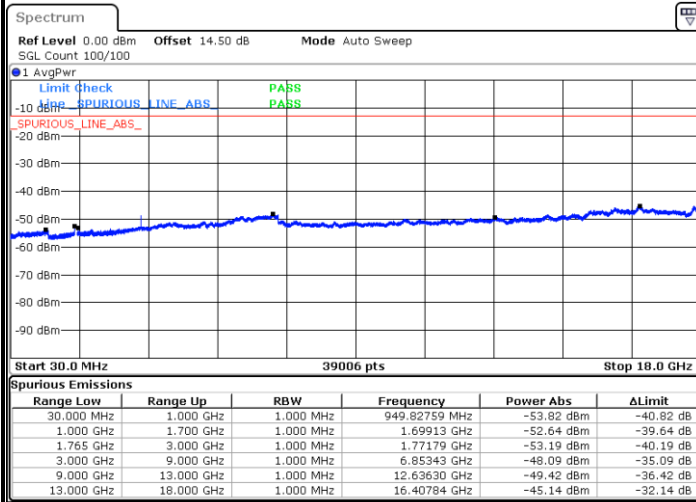


## **Conducted Spurious Emission**



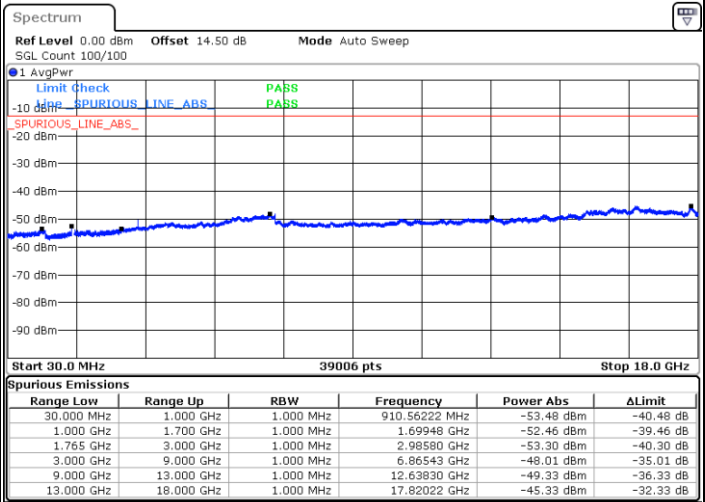
## LTE Band 4 / 1.4MHz

## Lowest Channel / QPSK



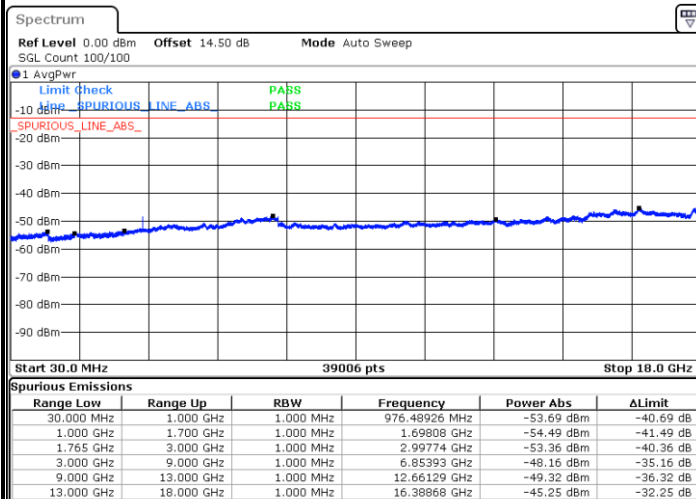
Date: 22 MAR 2020 12:26:38

## Lowest Channel / 16QAM



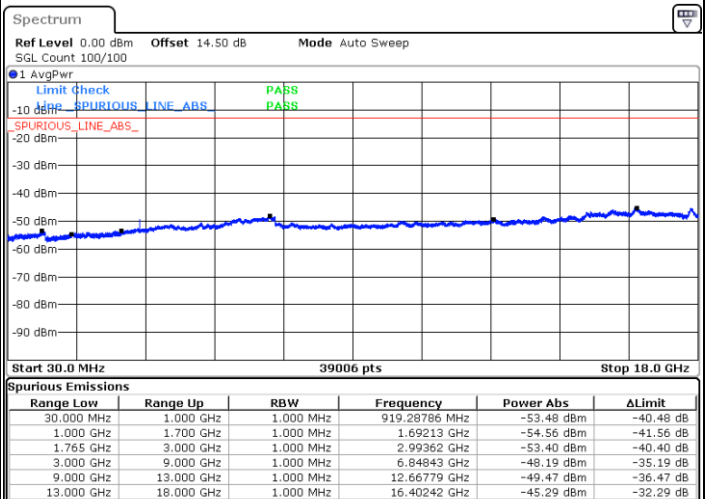
Date: 22 MAR 2020 12:27:37

## Middle Channel / QPSK



Date: 22 MAR 2020 12:29:20

## Middle Channel / 16QAM

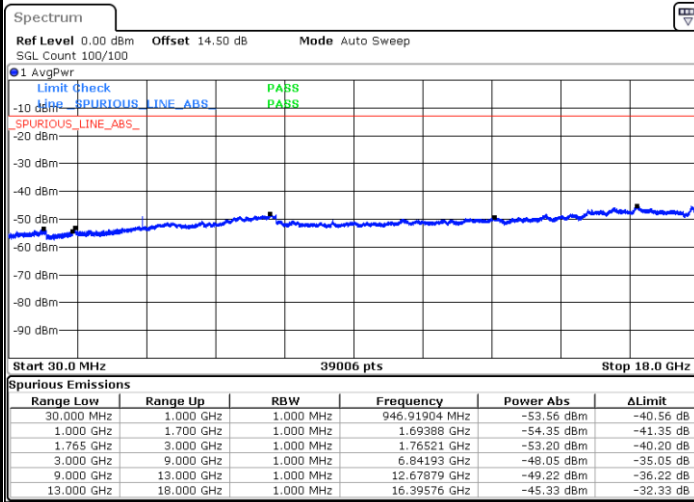


Date: 22 MAR 2020 12:30:19



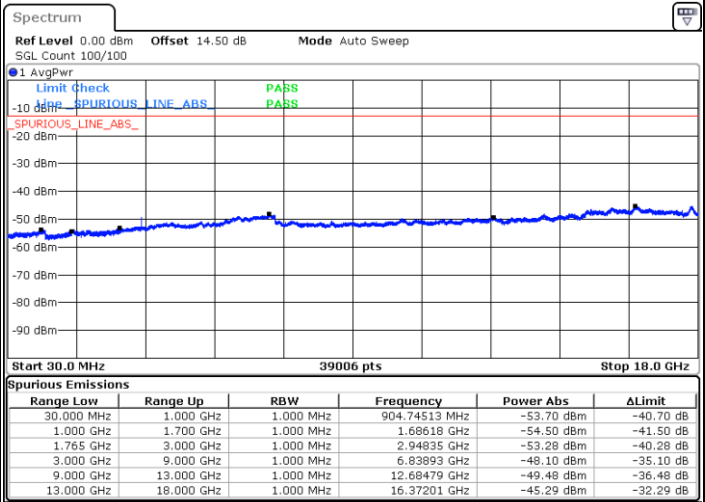
## LTE Band 4 / 1.4MHz

## Highest Channel / QPSK



Date: 22 MAR 2020 12:36:39

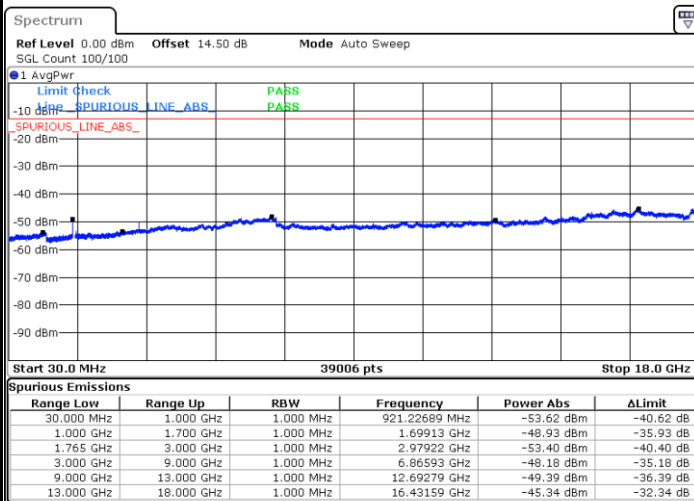
## Highest Channel / 16QAM



Date: 22 MAR 2020 12:37:39

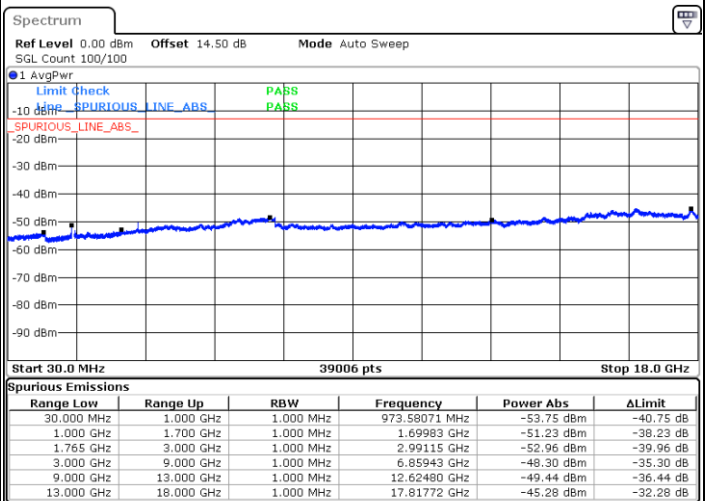
## LTE Band 4 / 3MHz

## Lowest Channel / QPSK



Date: 22 MAR 2020 10:53:18

## Lowest Channel / 16QAM

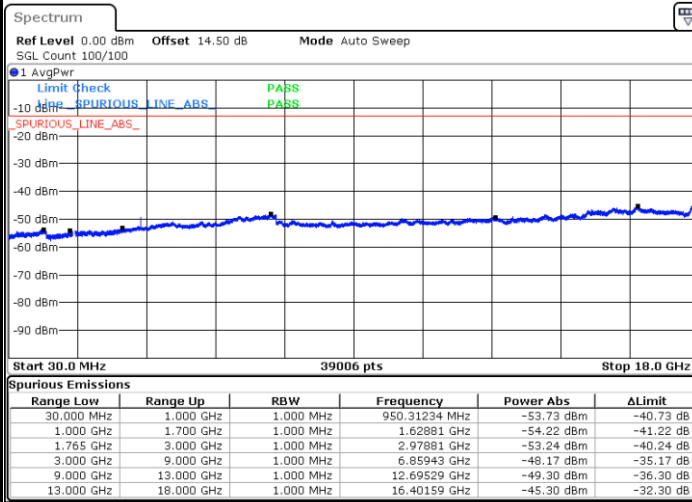


Date: 22 MAR 2020 10:54:17



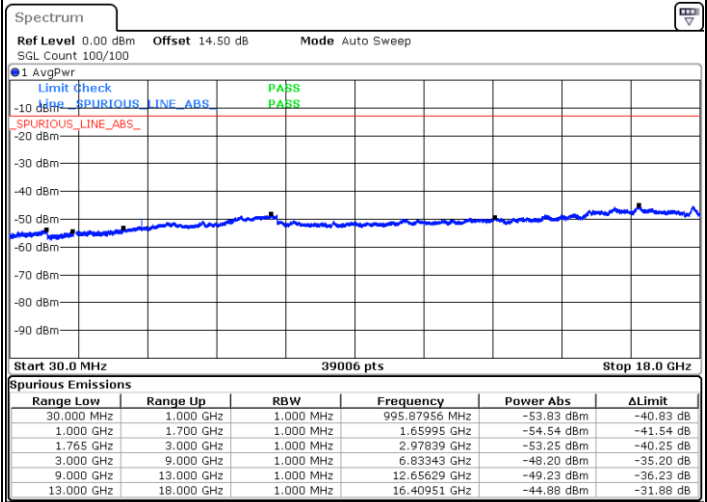
## LTE Band 4 / 3MHz

## Middle Channel / QPSK



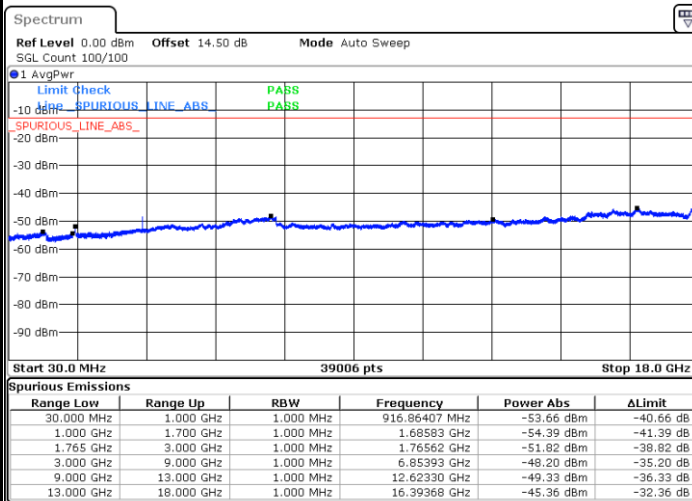
Date: 22 MAR 2020 10:56:00

## Middle Channel / 16QAM



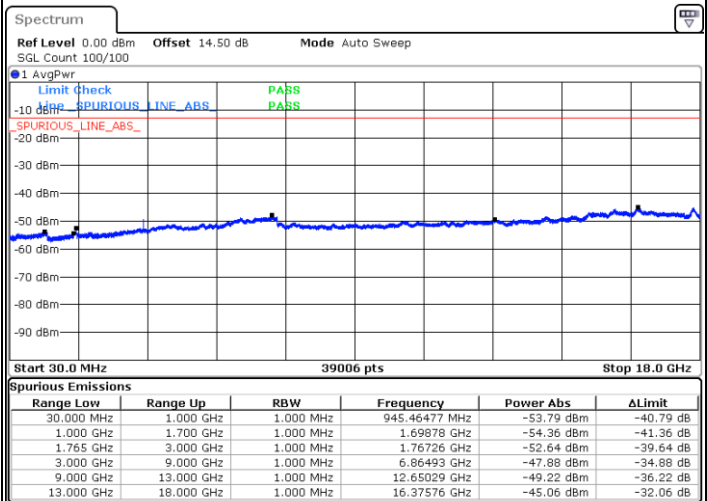
Date: 22 MAR 2020 10:56:59

## Highest Channel / QPSK



Date: 22 MAR 2020 11:01:18

## Highest Channel / 16QAM

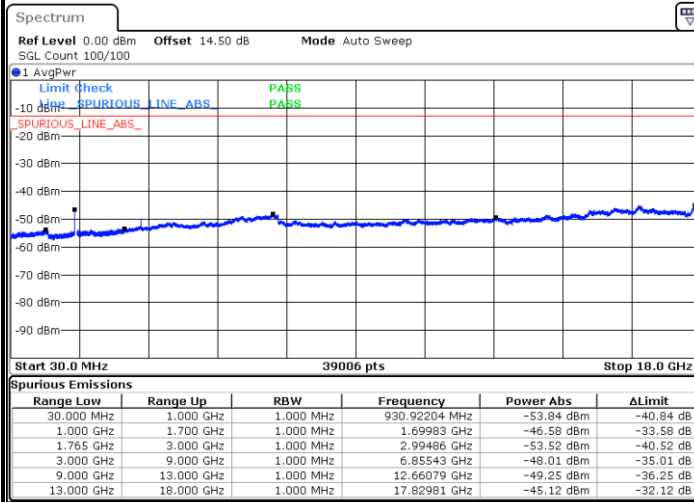


Date: 22 MAR 2020 11:02:17



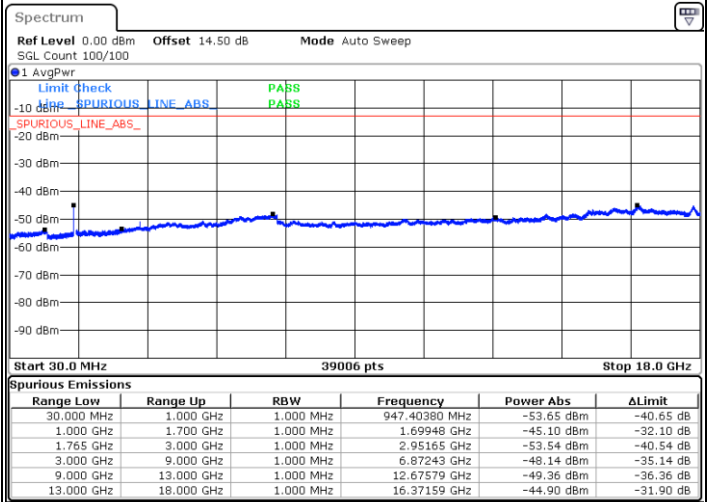
## LTE Band 4 / 5MHz

## Lowest Channel / QPSK



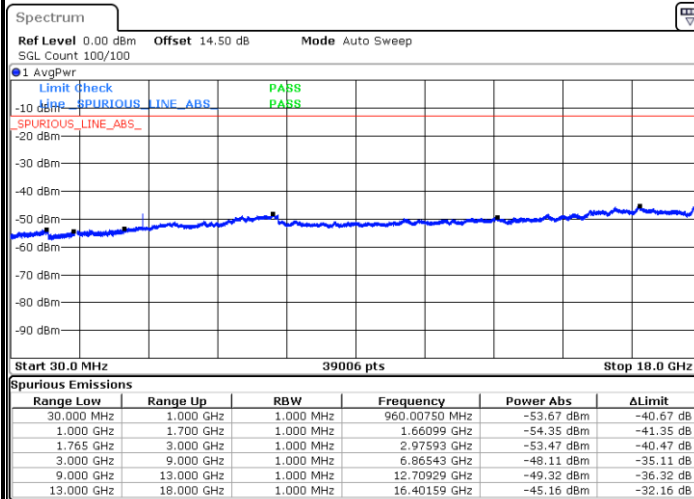
Date: 22 MAR 2020 11:06:35

## Lowest Channel / 16QAM



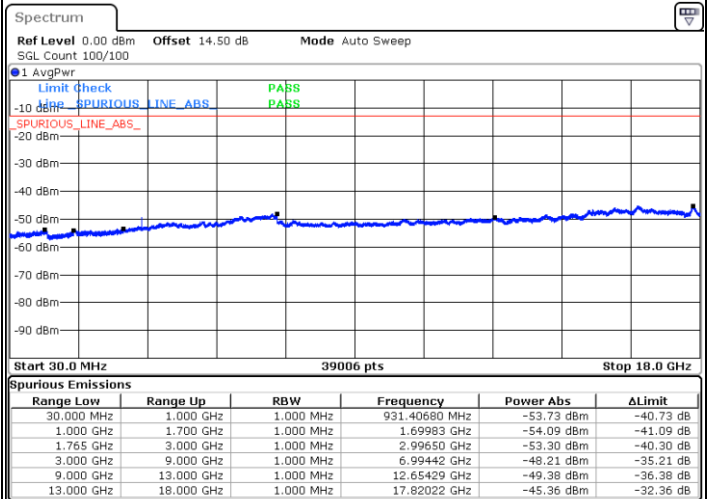
Date: 22 MAR 2020 11:07:35

## Middle Channel / QPSK



Date: 22 MAR 2020 11:09:18

## Middle Channel / 16QAM

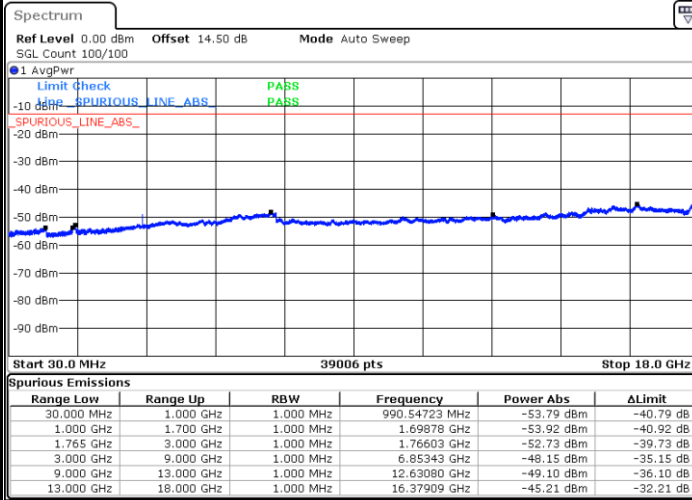


Date: 22 MAR 2020 11:10:17



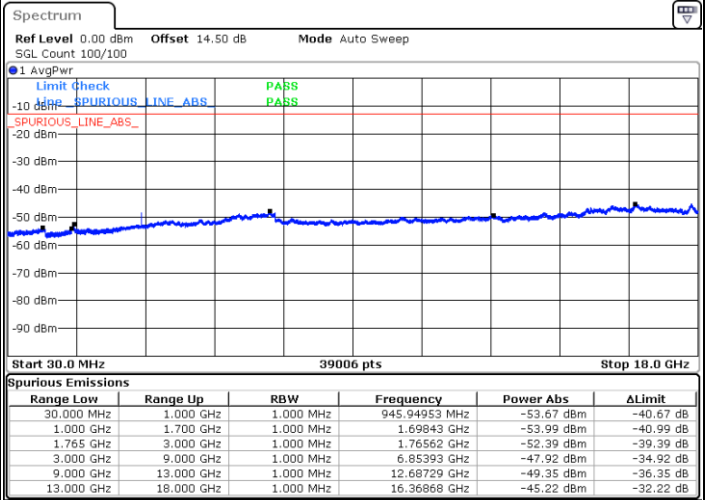
## LTE Band 4 / 5MHz

## Highest Channel / QPSK



Date: 22 MAR 2020 11:14:36

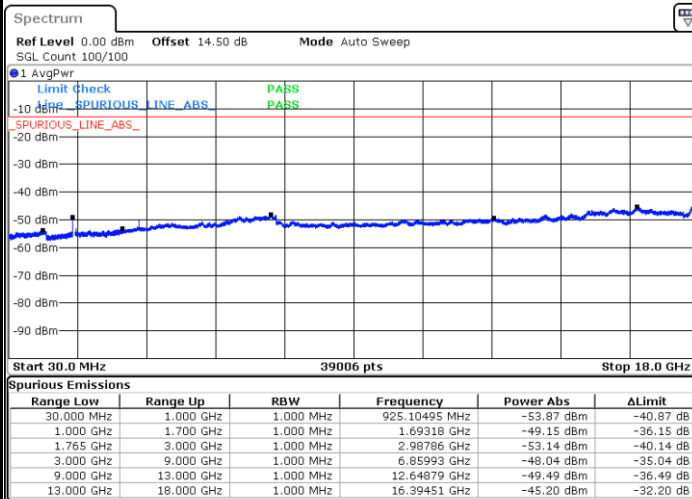
## Highest Channel / 16QAM



Date: 22 MAR 2020 11:15:35

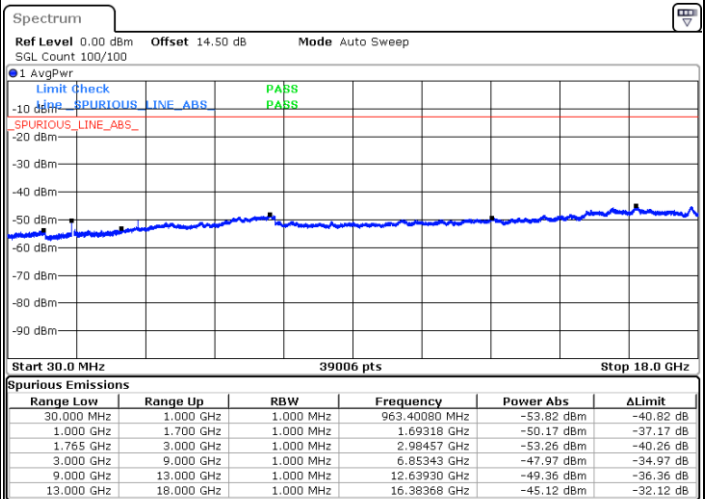
## LTE Band 4 / 10MHz

## Lowest Channel / QPSK



Date: 22 MAR 2020 11:19:53

## Lowest Channel / 16QAM

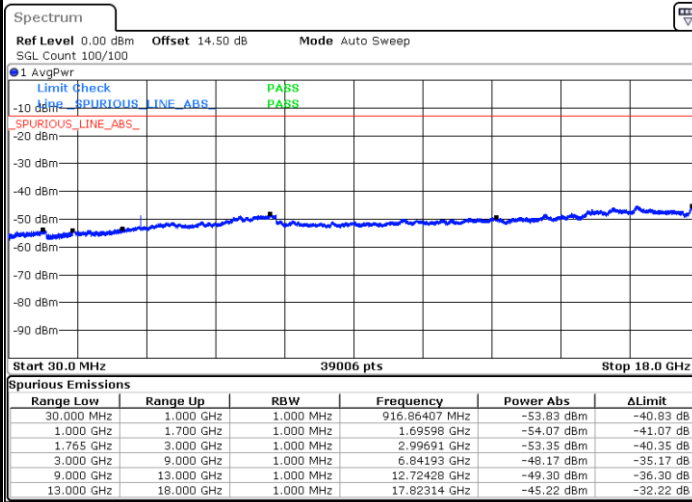


Date: 22 MAR 2020 11:20:52



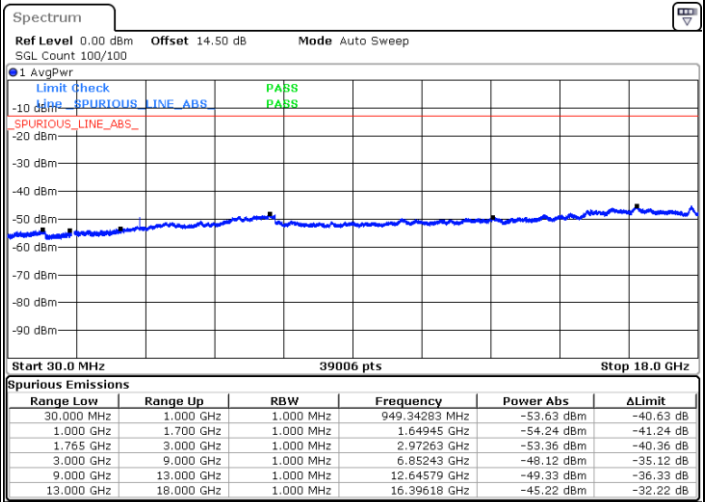
## LTE Band 4 / 10MHz

## Middle Channel / QPSK



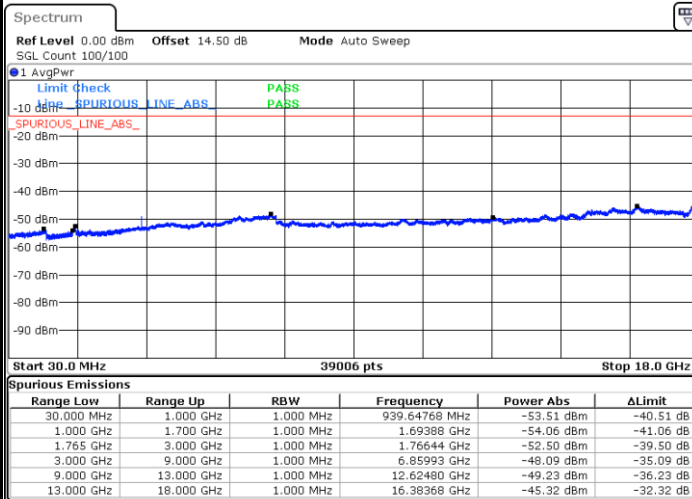
Date: 22 MAR 2020 11:22:35

## Middle Channel / 16QAM



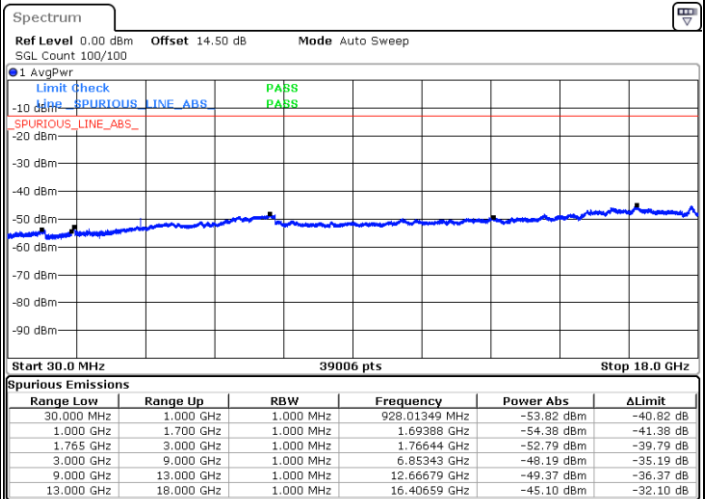
Date: 22 MAR 2020 11:23:34

## Highest Channel / QPSK



Date: 22 MAR 2020 11:27:52

## Highest Channel / 16QAM



Date: 22 MAR 2020 11:28:51