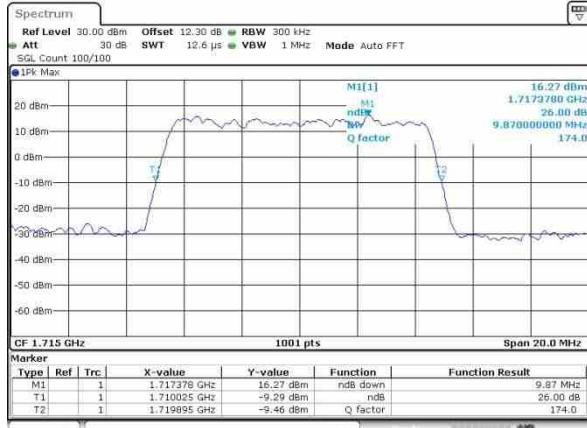




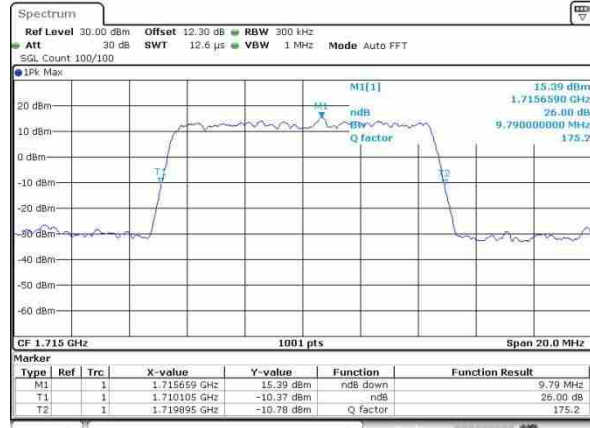
## LTE Band 4

## Lowest Channel / 10MHz / QPSK



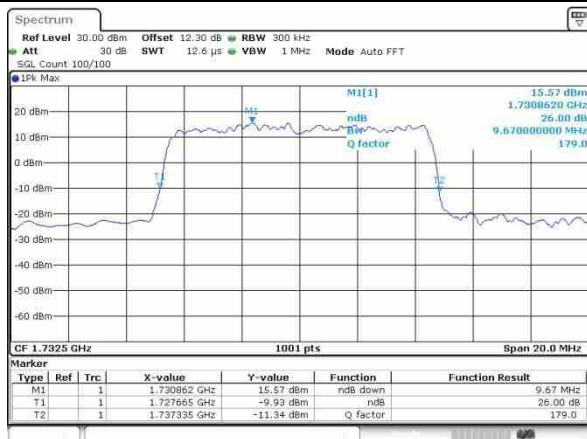
Date: 14.SEP.2015 22:19:19

## Lowest Channel / 10MHz / 16QAM



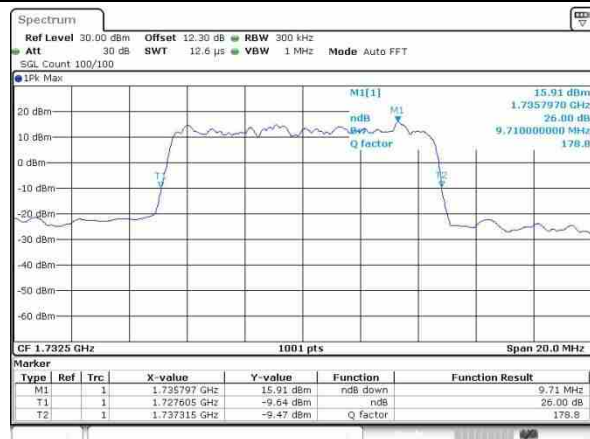
Date: 14.SEP.2015 22:19:31

## Middle Channel / 10MHz / QPSK



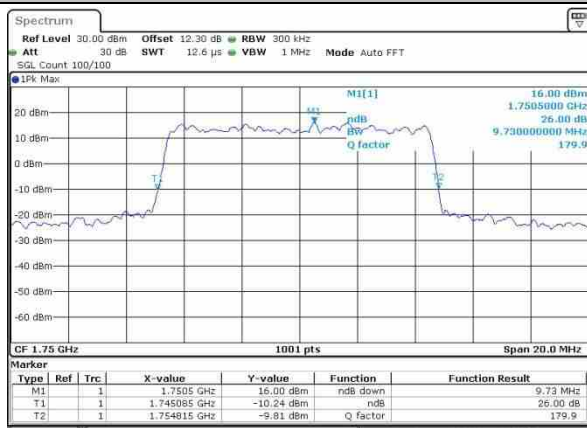
Date: 14.SEP.2015 22:12:41

## Middle Channel / 10MHz / 16QAM



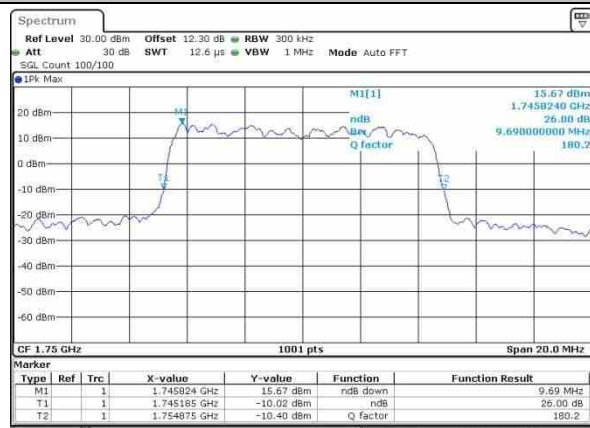
Date: 14.SEP.2015 22:12:52

## Highest Channel / 10MHz / QPSK



Date: 14.SEP.2015 22:29:24

## Highest Channel / 10MHz / 16QAM

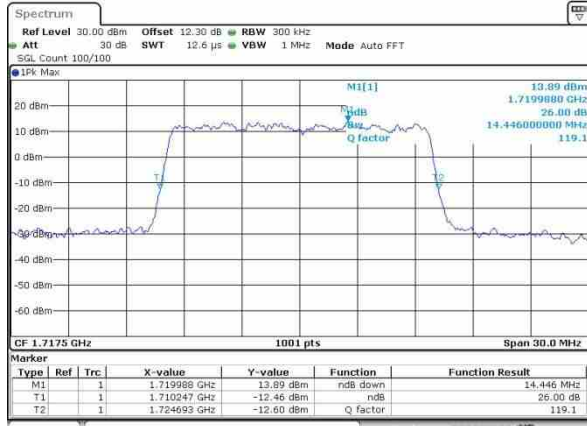


Date: 14.SEP.2015 22:29:36



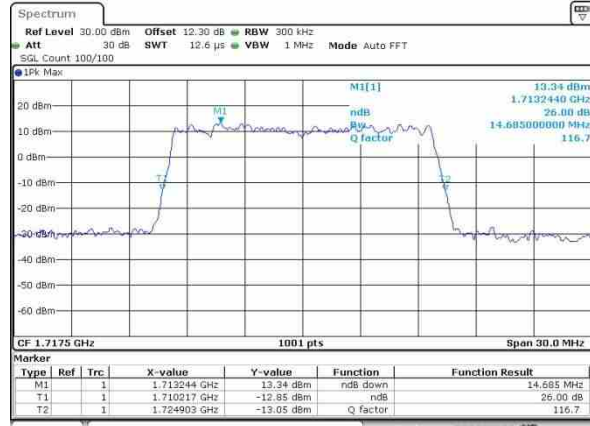
## LTE Band 4

## Lowest Channel / 15MHz / QPSK



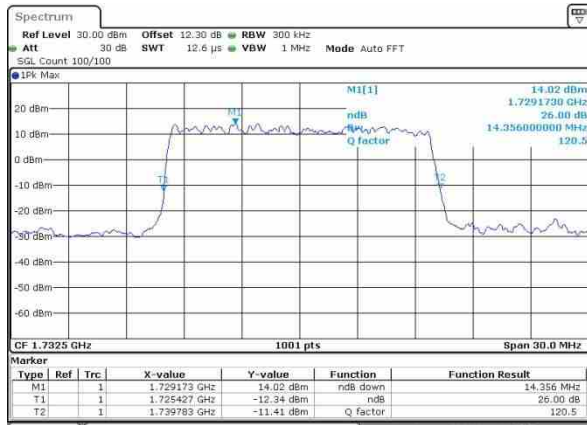
Date: 14.SEP.2015 22:36:46

## Lowest Channel / 15MHz / 16QAM



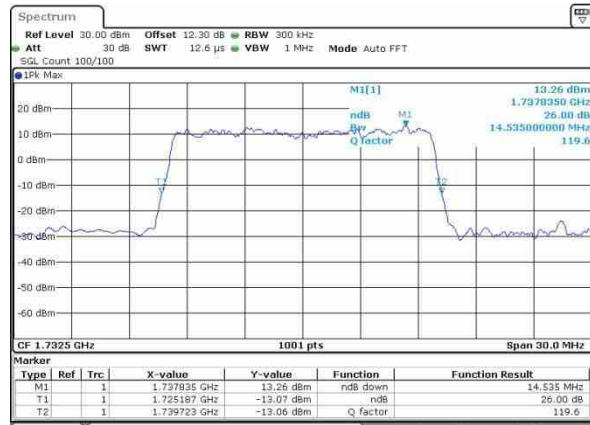
Date: 14.SEP.2015 22:36:57

## Middle Channel / 15MHz / QPSK



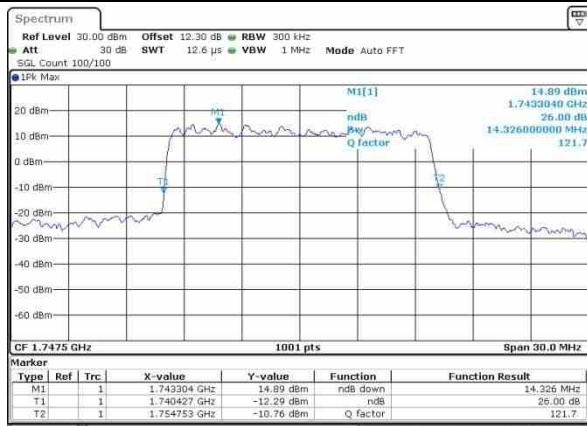
Date: 14.SEP.2015 22:44:07

## Middle Channel / 15MHz / 16QAM



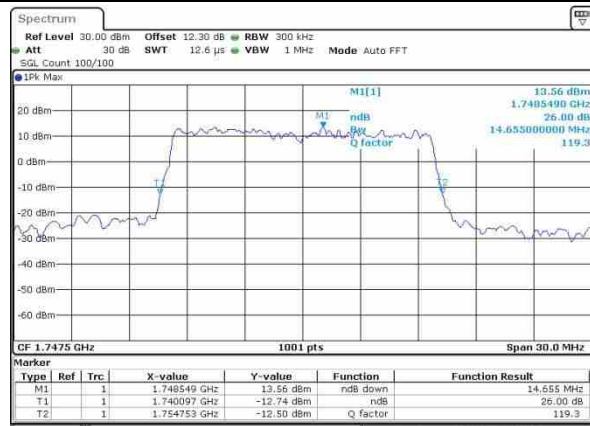
Date: 14.SEP.2015 22:44:19

## Highest Channel / 15MHz / QPSK



Date: 14.SEP.2015 22:46:50

## Highest Channel / 15MHz / 16QAM

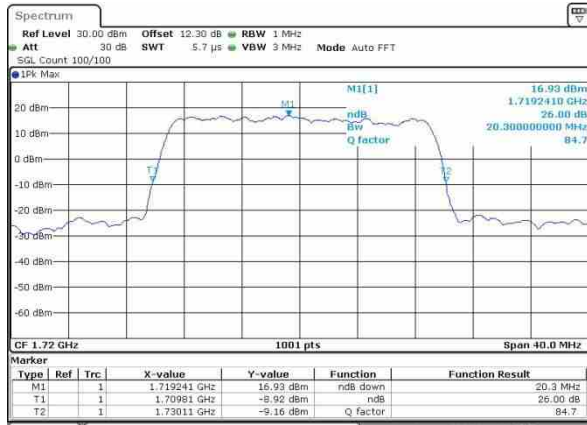


Date: 14.SEP.2015 22:47:02



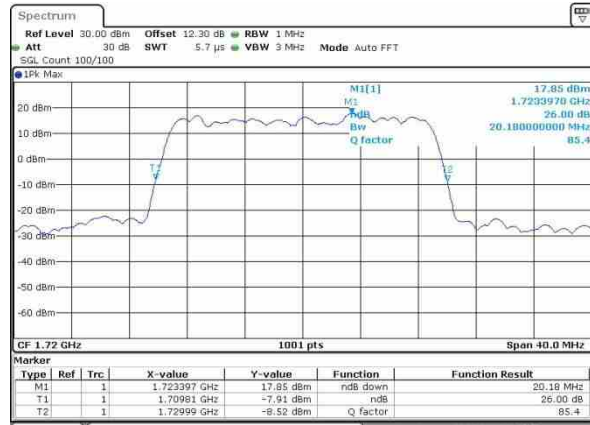
## LTE Band 4

## Lowest Channel / 20MHz / QPSK



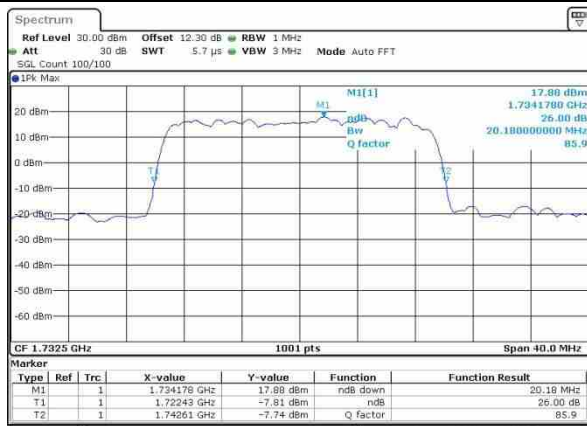
Date: 14.SEP.2015 23:22:02

## Lowest Channel / 20MHz / 16QAM



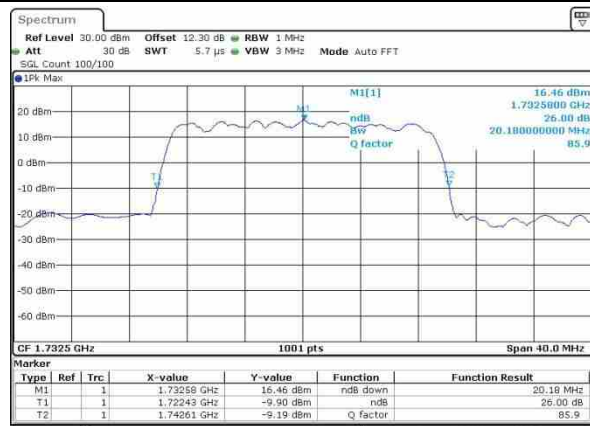
Date: 14.SEP.2015 23:22:14

## Middle Channel / 20MHz / QPSK



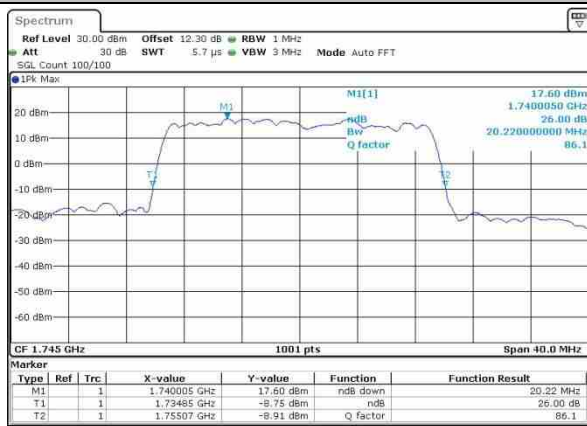
Date: 14.SEP.2015 23:29:23

## Middle Channel / 20MHz / 16QAM



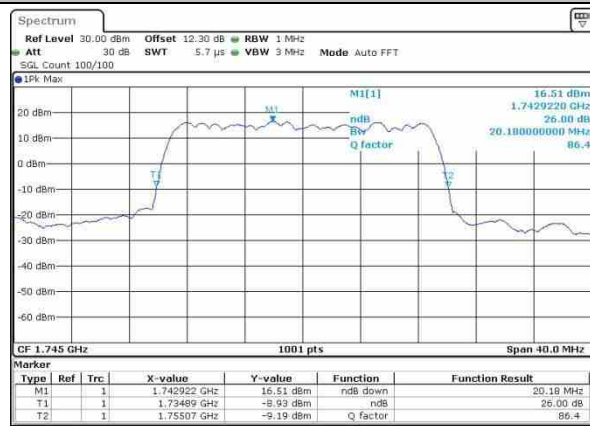
Date: 14.SEP.2015 23:29:35

## Highest Channel / 20MHz / QPSK



Date: 14.SEP.2015 23:32:06

## Highest Channel / 20MHz / 16QAM



Date: 14.SEP.2015 23:32:18



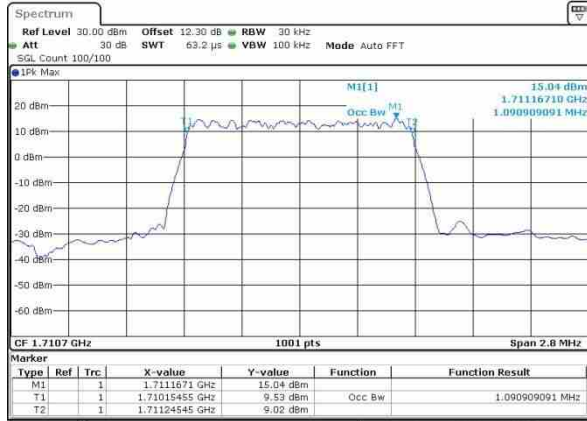
## Occupied Bandwidth

| 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  | 2.71 | 2.72  | 4.47 | 4.51  | 9.03  | 9.01  | 13.4  | 13.46 | 18.58 | 18.26 |
| Middle CH  | 1.09                     | 1.08  | 2.7  | 2.72  | 4.48 | 4.48  | 9.03  | 8.99  | 13.43 | 13.46 | 18.26 | 18.5  |
| Highest CH | 1.09                     | 1.09  | 2.72 | 2.72  | 4.49 | 4.5   | 9.11  | 9.05  | 13.52 | 13.46 | 18.3  | 18.46 |

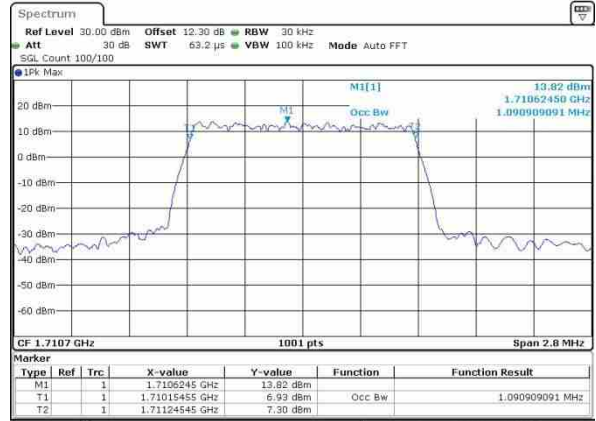


## LTE Band 4

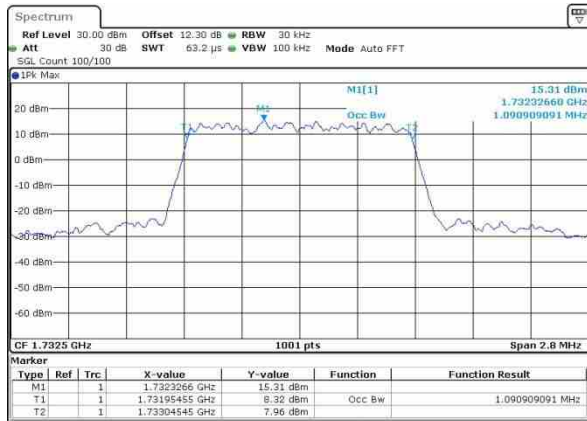
## Lowest Channel / 1.4MHz / QPSK



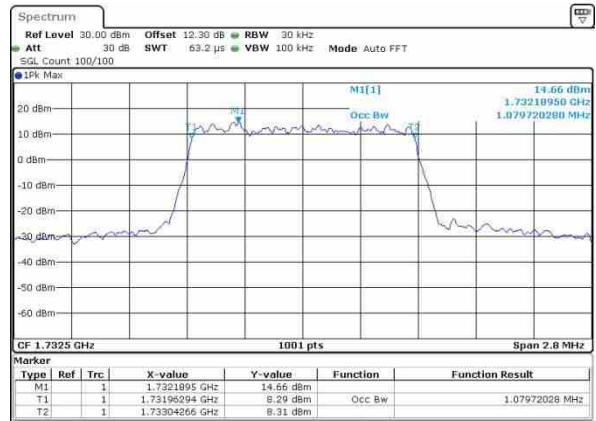
## Lowest Channel / 1.4MHz / 16QAM



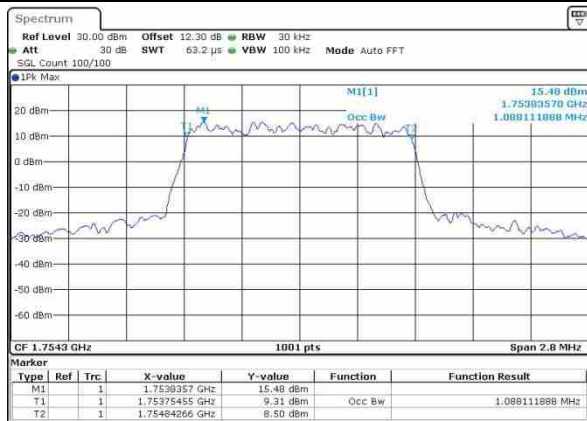
## Middle Channel / 1.4MHz / QPSK



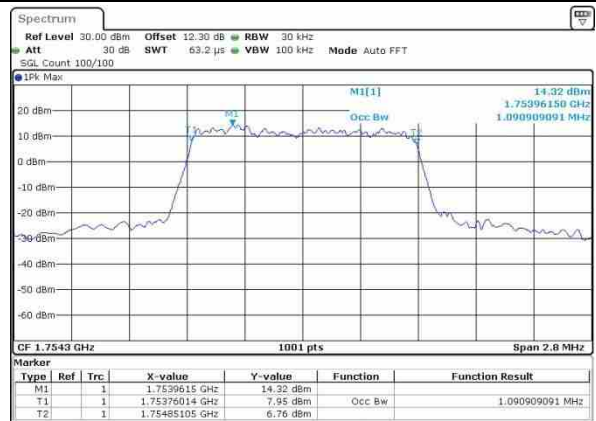
## Middle Channel / 1.4MHz / 16QAM



## Highest Channel / 1.4MHz / QPSK



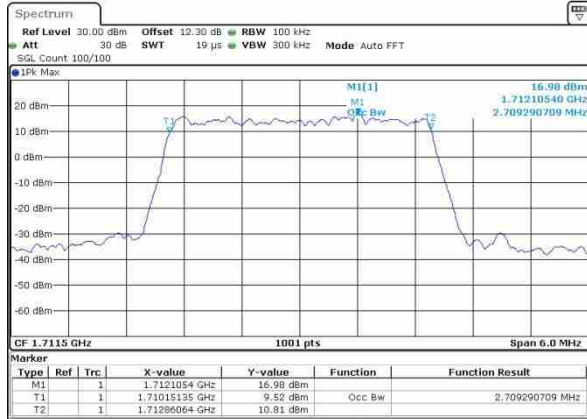
## Highest Channel / 1.4MHz / 16QAM



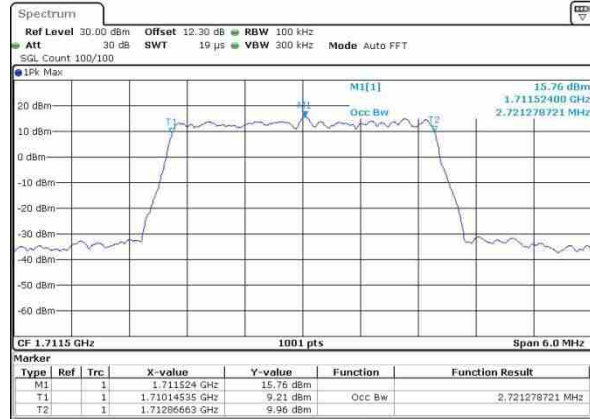


## LTE Band 4

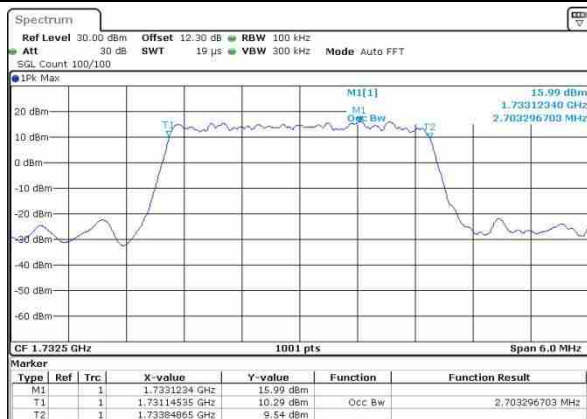
## Lowest Channel / 3MHz / QPSK



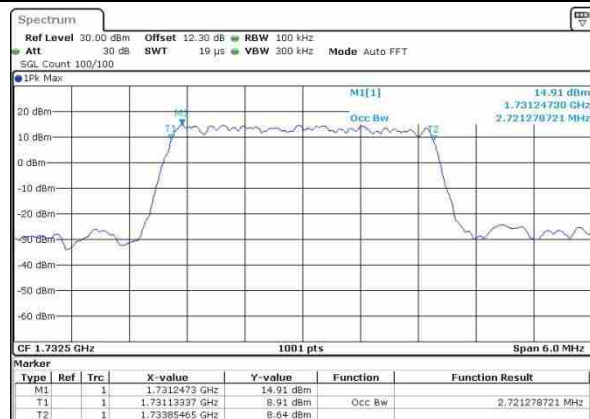
## Lowest Channel / 3MHz / 16QAM



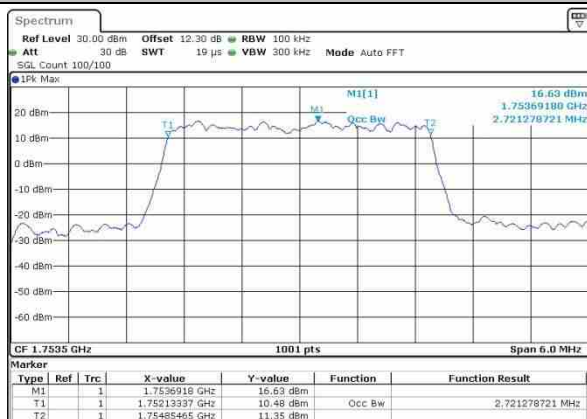
## Middle Channel / 3MHz / QPSK



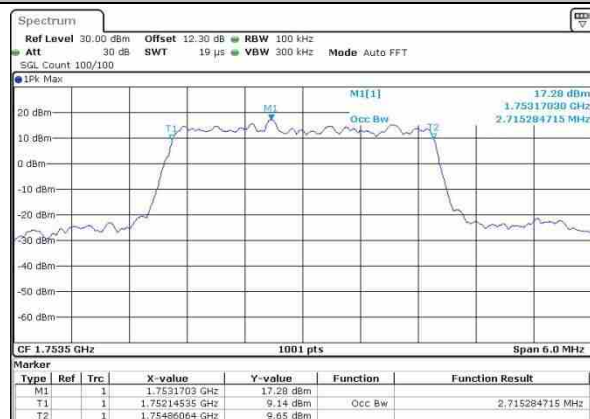
## Middle Channel / 3MHz / 16QAM



## Highest Channel / 3MHz / QPSK



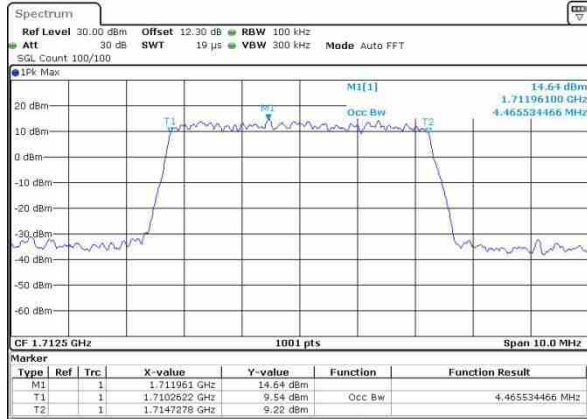
## Highest Channel / 3MHz / 16QAM



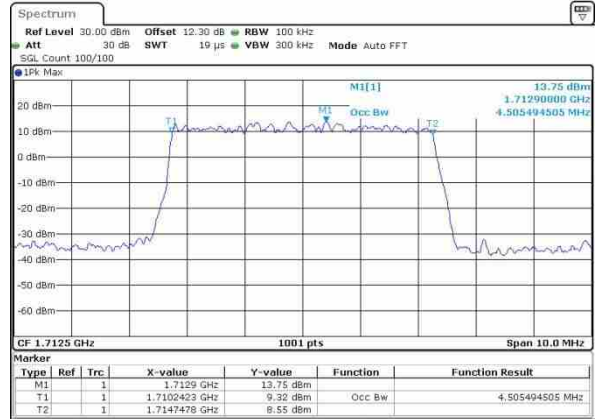


## LTE Band 4

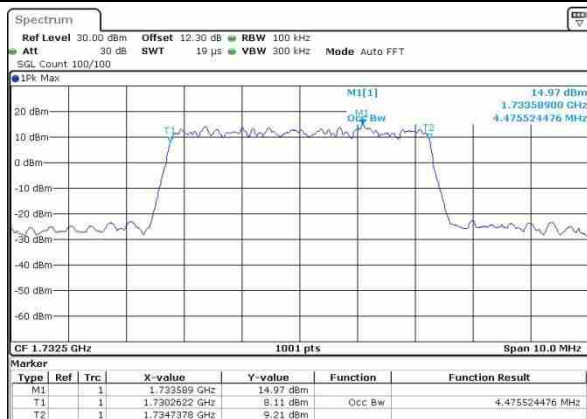
## Lowest Channel / 5MHz / QPSK



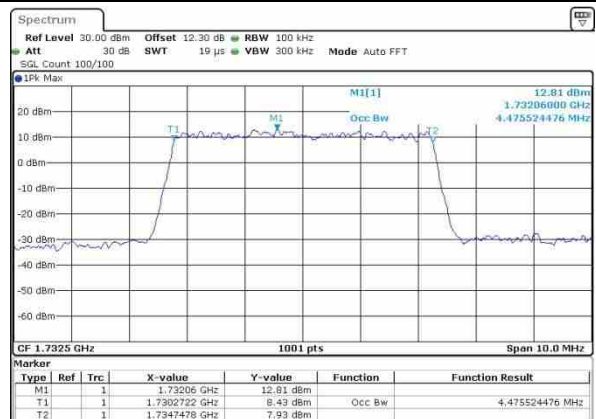
## Lowest Channel / 5MHz / 16QAM



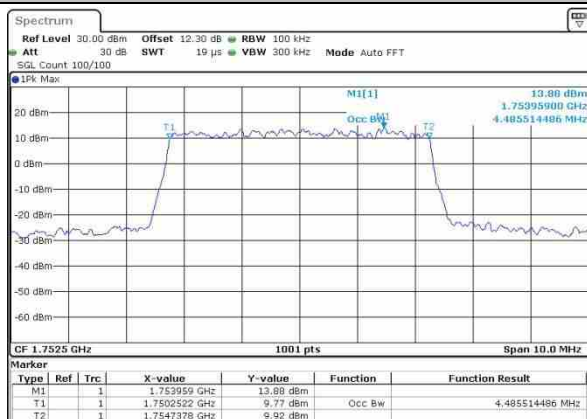
## Middle Channel / 5MHz / QPSK



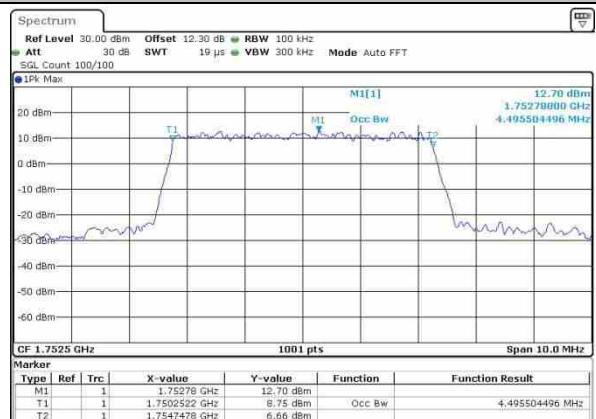
## Middle Channel / 5MHz / 16QAM



## Highest Channel / 5MHz / QPSK



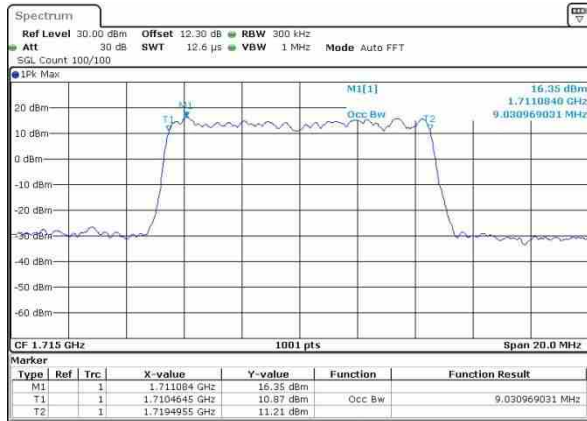
## Highest Channel / 5MHz / 16QAM



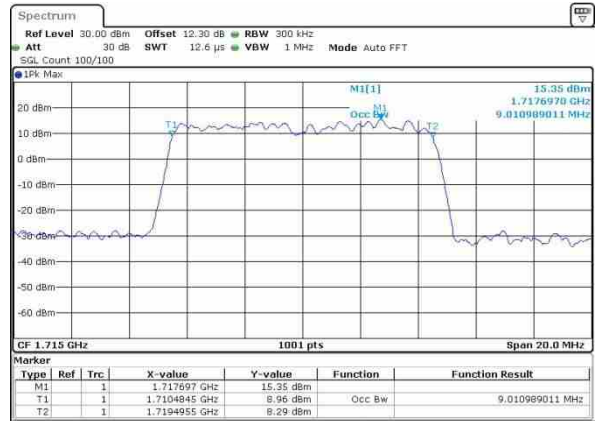


## LTE Band 4

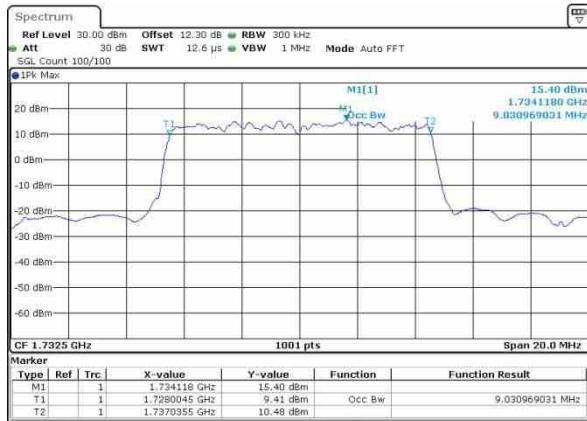
## Lowest Channel / 10MHz / QPSK



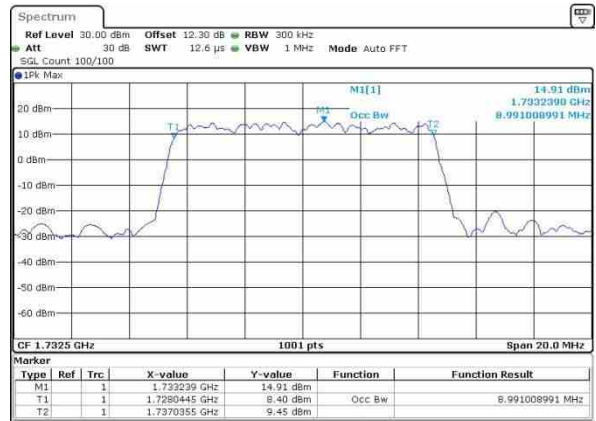
## Lowest Channel / 10MHz / 16QAM



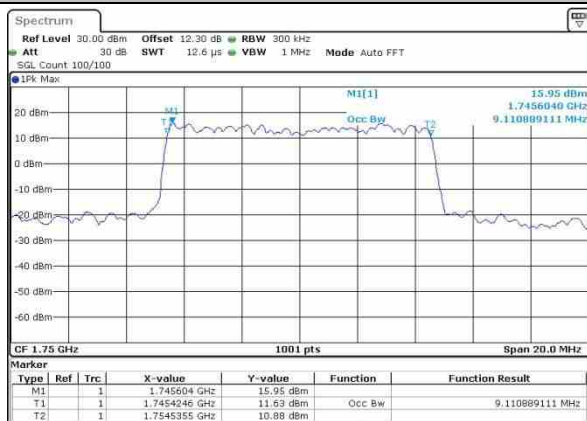
## Middle Channel / 10MHz / QPSK



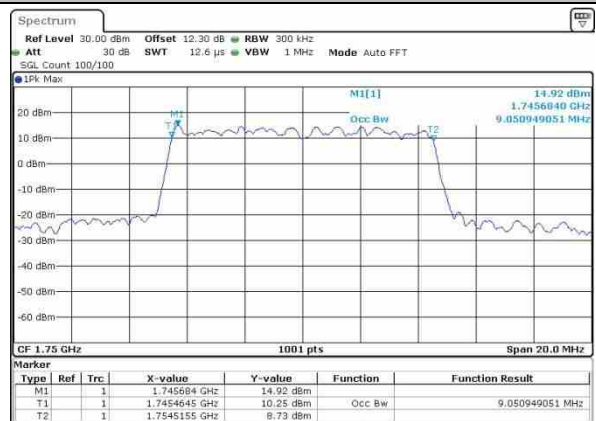
## Middle Channel / 10MHz / 16QAM



## Highest Channel / 10MHz / QPSK



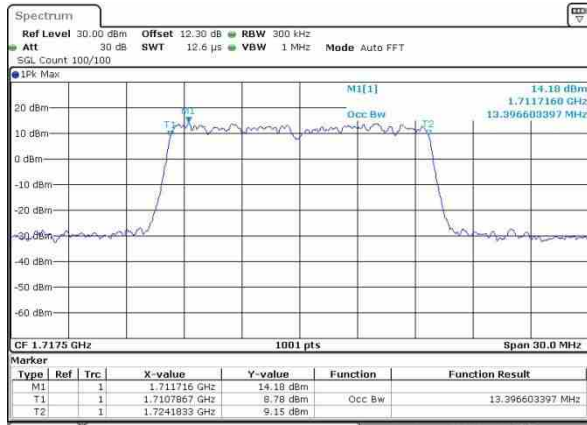
## Highest Channel / 10MHz / 16QAM



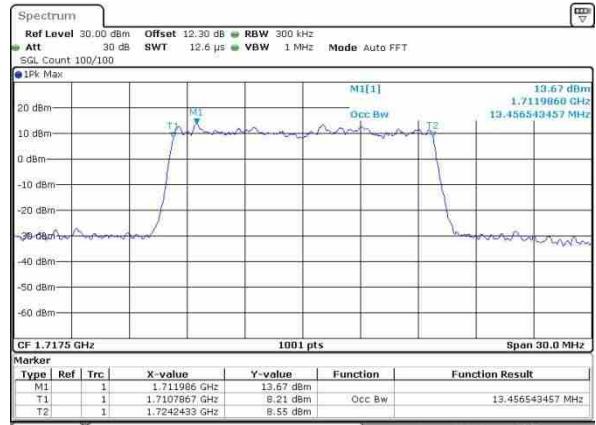


## LTE Band 4

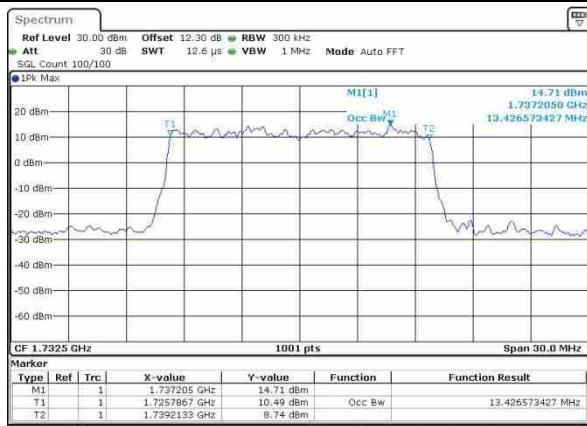
## Lowest Channel / 15MHz / QPSK



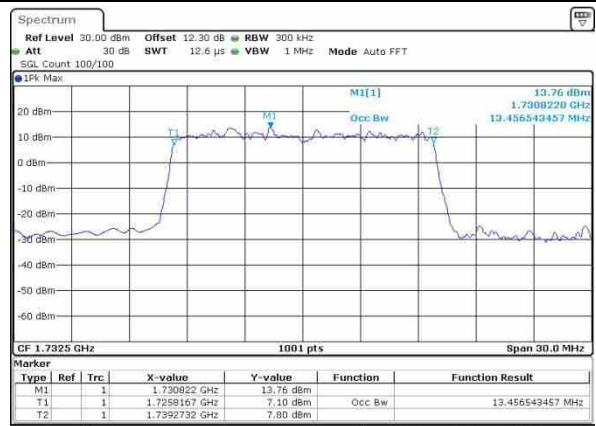
## Lowest Channel / 15MHz / 16QAM



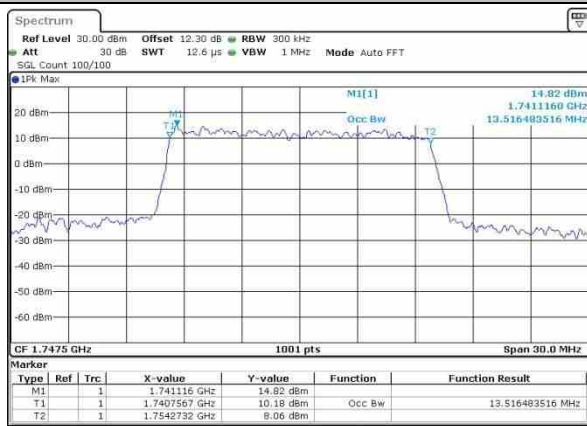
## Middle Channel / 15MHz / QPSK



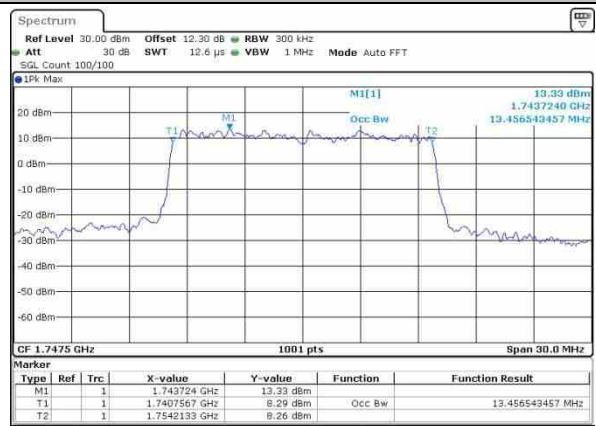
## Middle Channel / 15MHz / 16QAM



## Highest Channel / 15MHz / QPSK



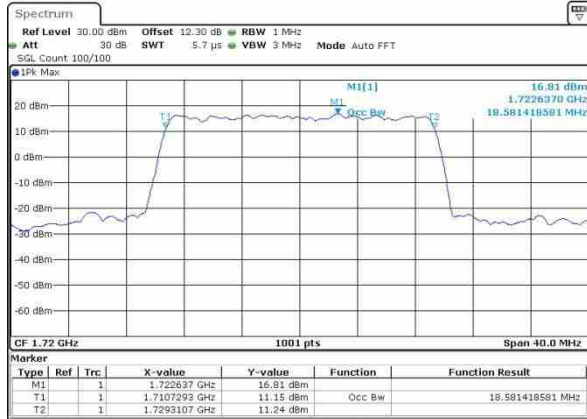
## Highest Channel / 15MHz / 16QAM



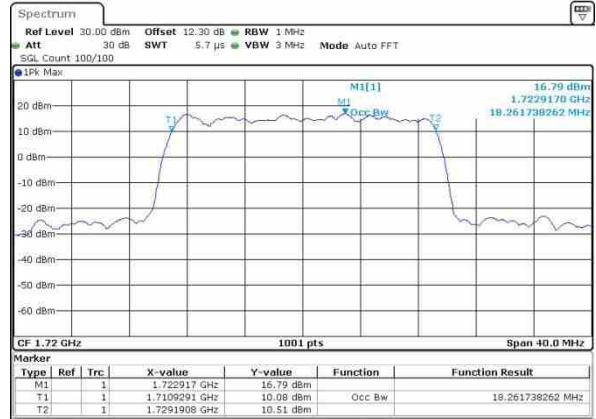


## LTE Band 4

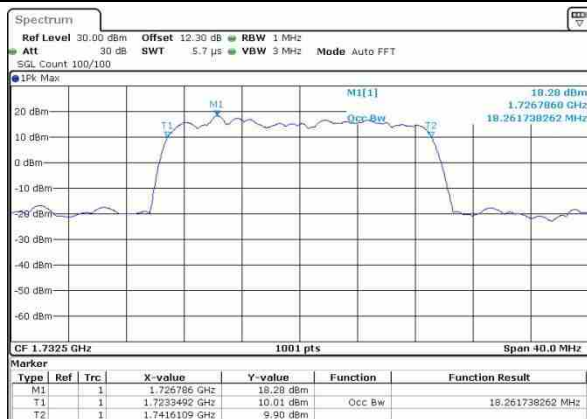
## Lowest Channel / 20MHz / QPSK



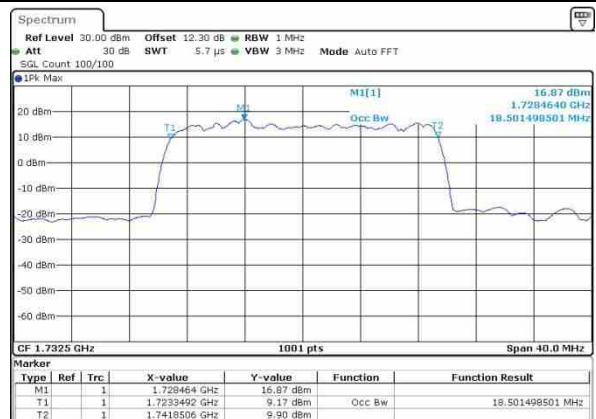
## Lowest Channel / 20MHz / 16QAM



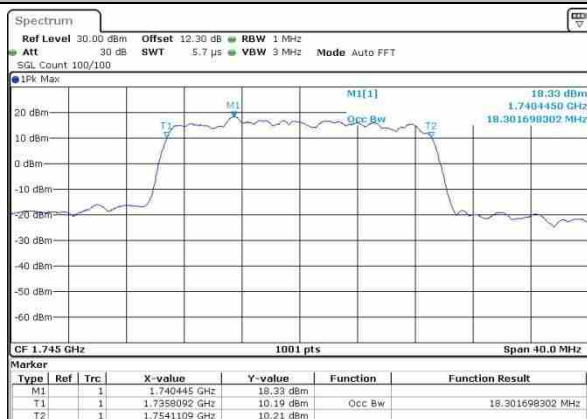
## Middle Channel / 20MHz / QPSK



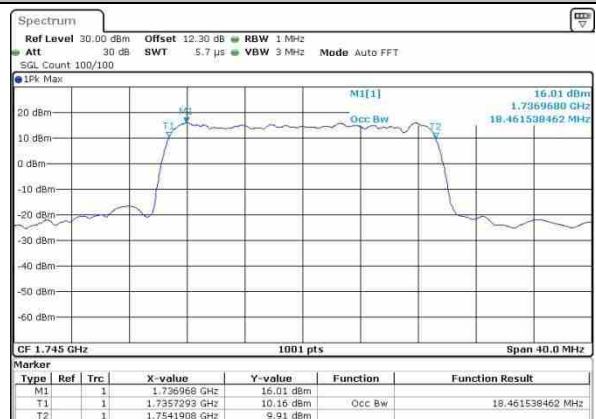
## Middle Channel / 20MHz / 16QAM



## Highest Channel / 20MHz / QPSK



## Highest Channel / 20MHz / 16QAM



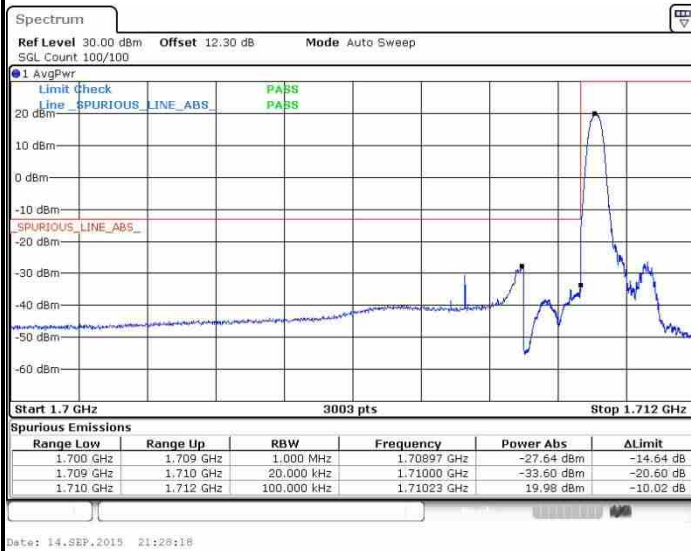


## **Conducted Band Edge**

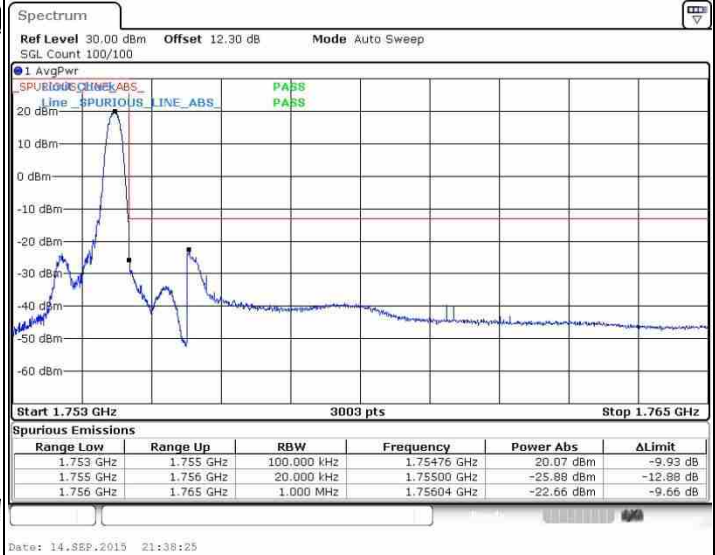


## LTE Band 4 / 1.4MHz / QPSK

## Lowest Band Edge / 1RB



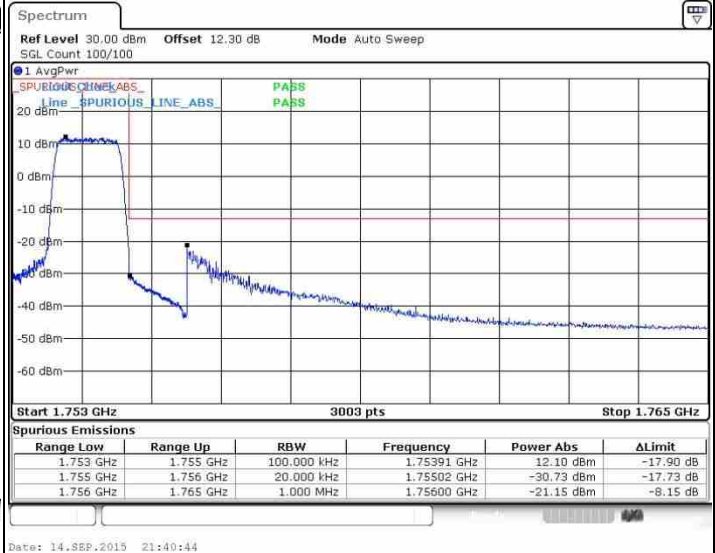
## Highest Band Edge / 1RB



## Lowest Band Edge / Full RB



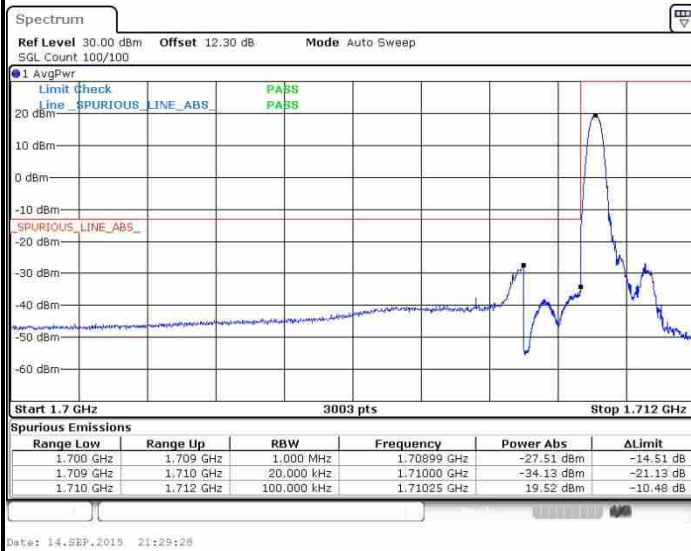
## Highest Band Edge / Full RB



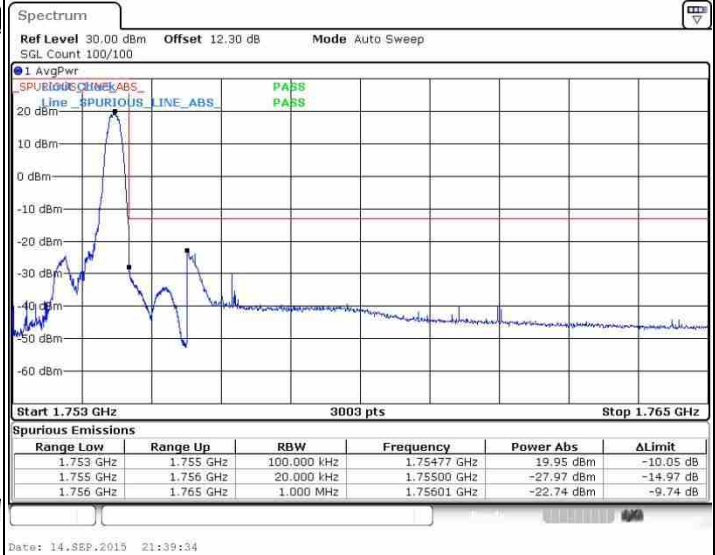


## LTE Band 4 / 1.4MHz / 16QAM

## Lowest Band Edge / 1 RB



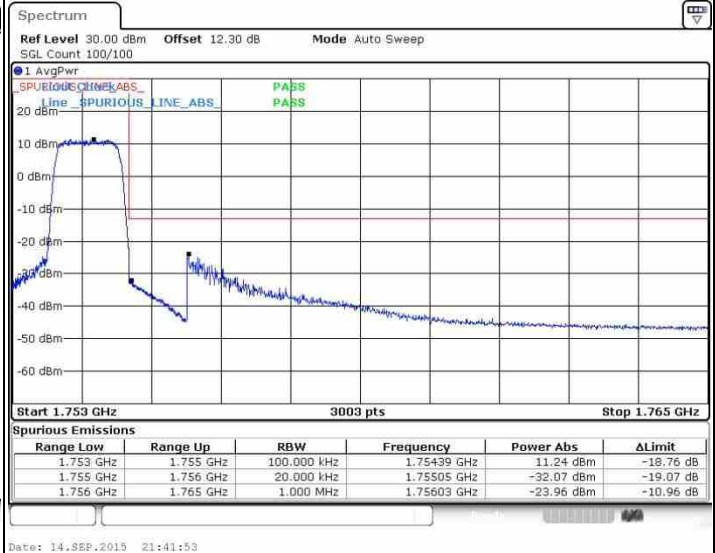
## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



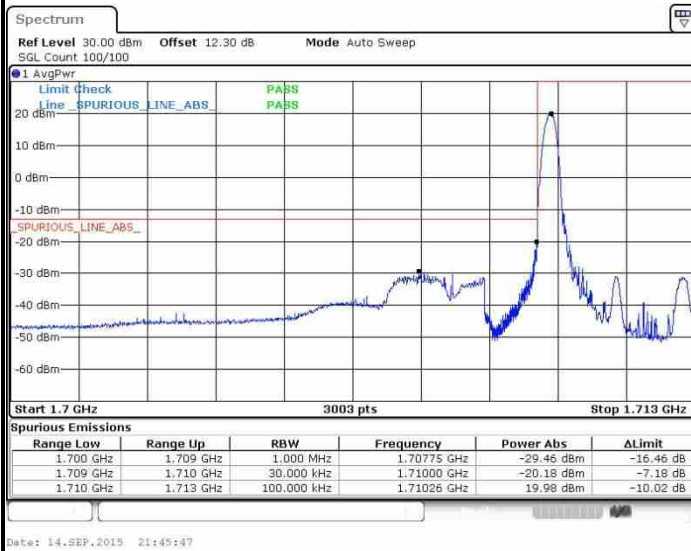
## Highest Band Edge / Full RB



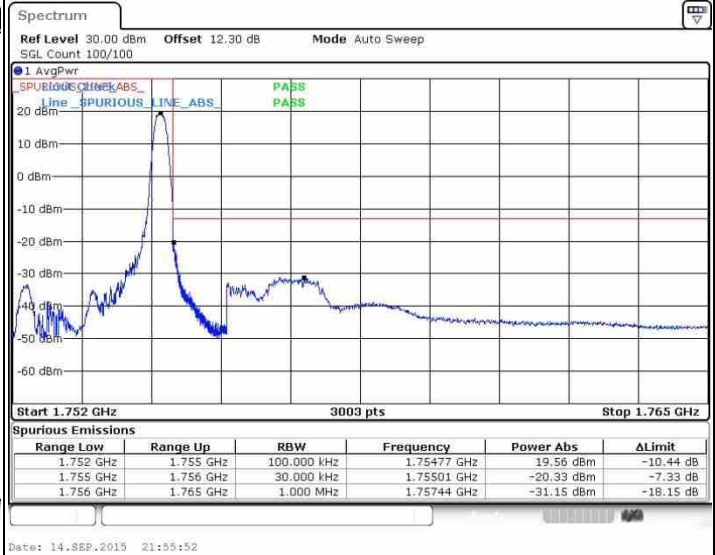


## LTE Band 4 / 3MHz / QPSK

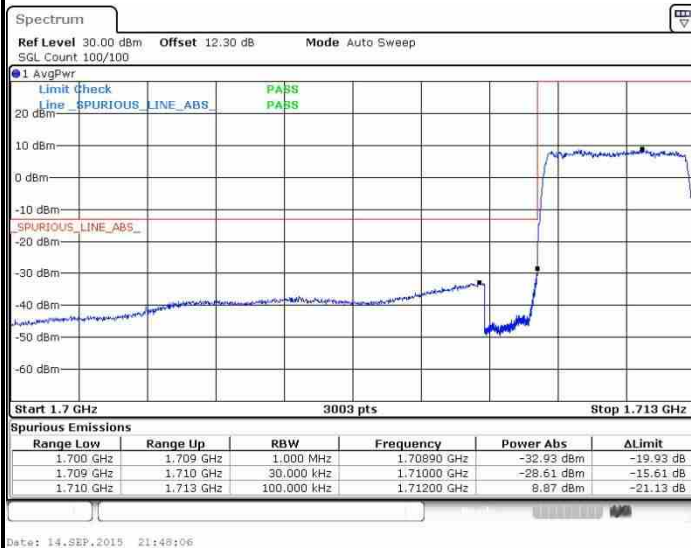
## Lowest Band Edge / 1RB



## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



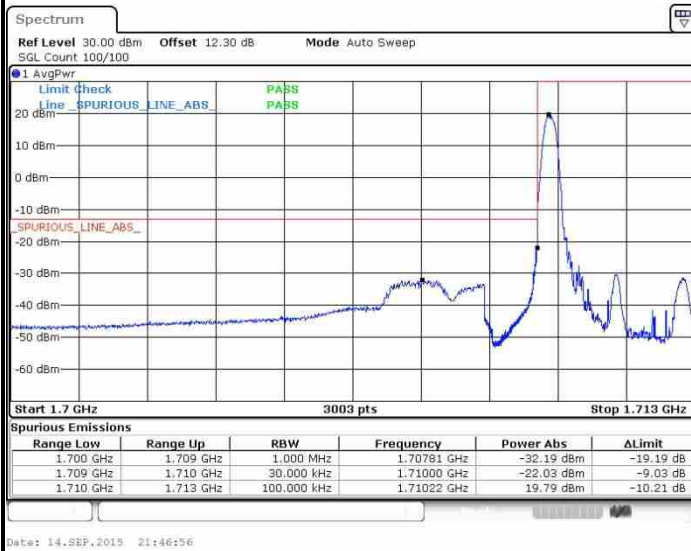
## Highest Band Edge / Full RB



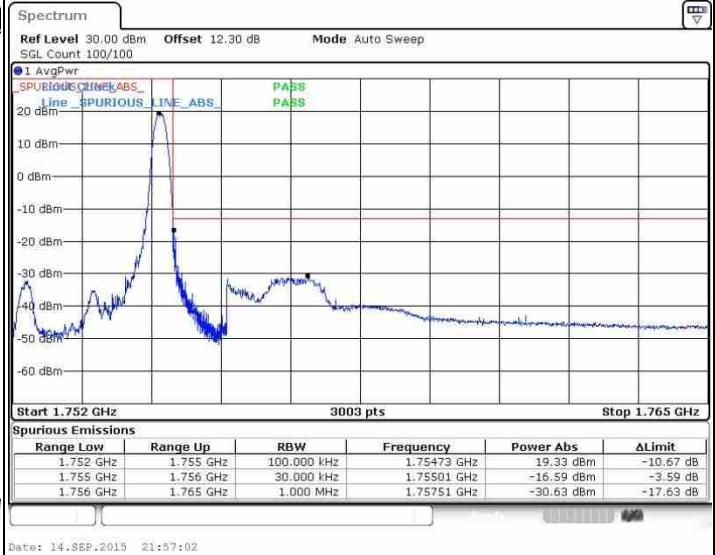


## LTE Band 4 / 3MHz / 16QAM

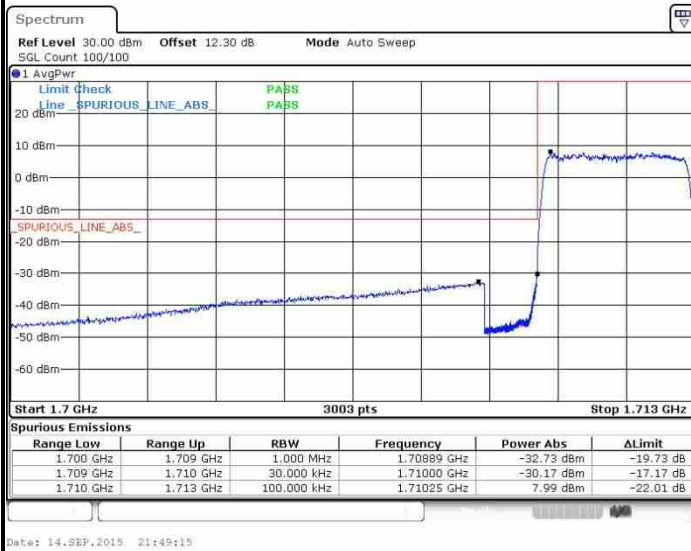
## Lowest Band Edge / 1 RB



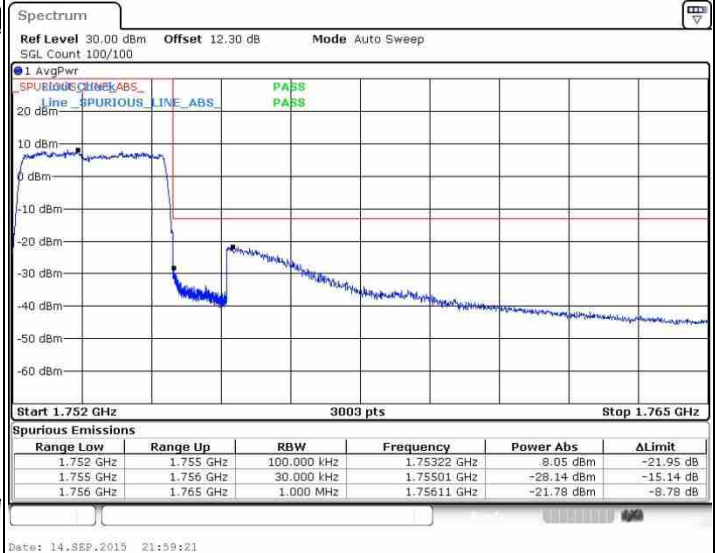
## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



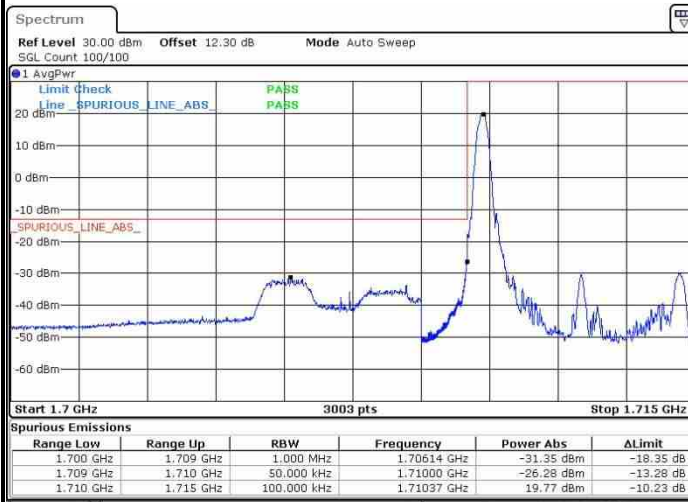
## Highest Band Edge / Full RB



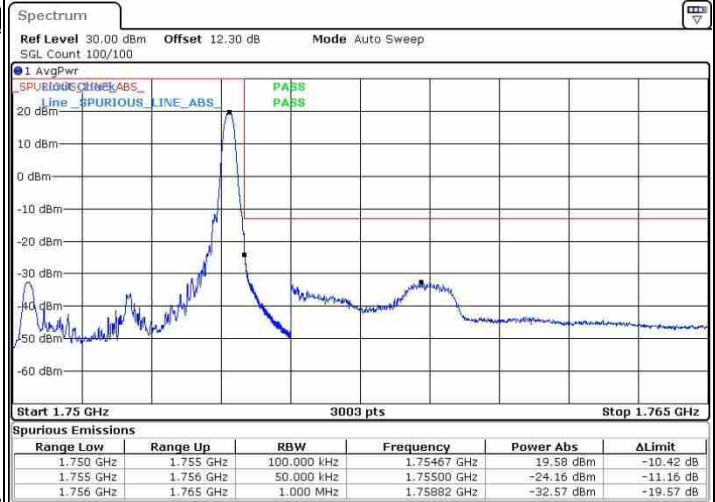


## LTE Band 4 / 5MHz / QPSK

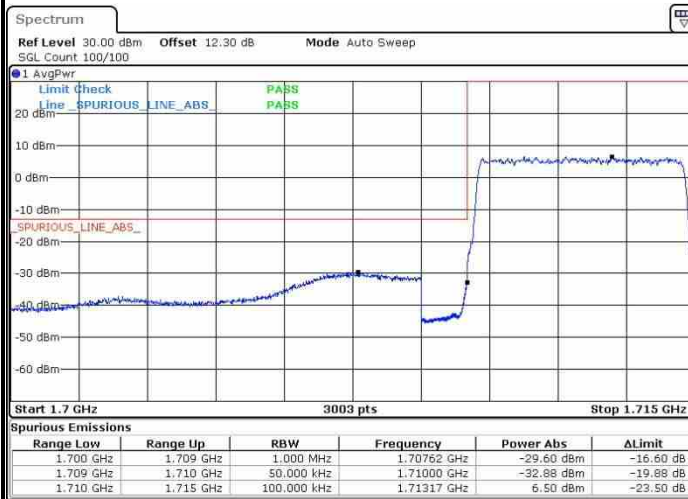
## Lowest Band Edge / 1 RB



## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



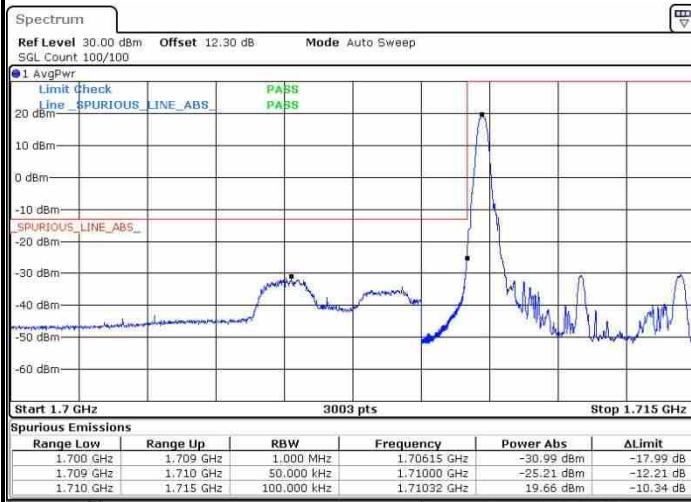
## Highest Band Edge / Full RB



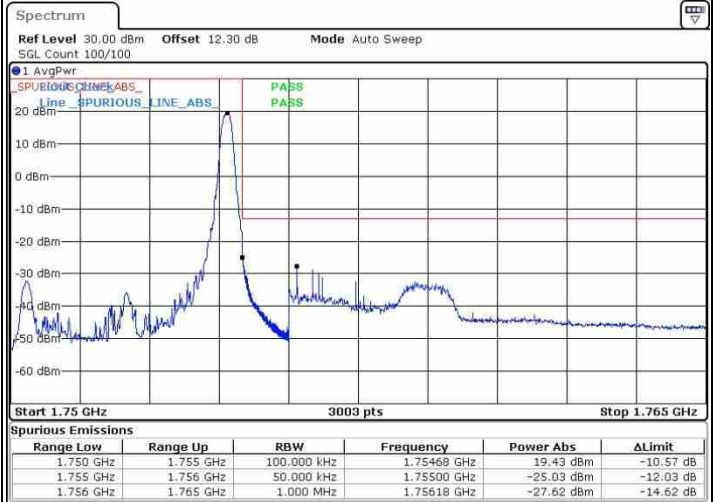


## LTE Band 4 / 5MHz / 16QAM

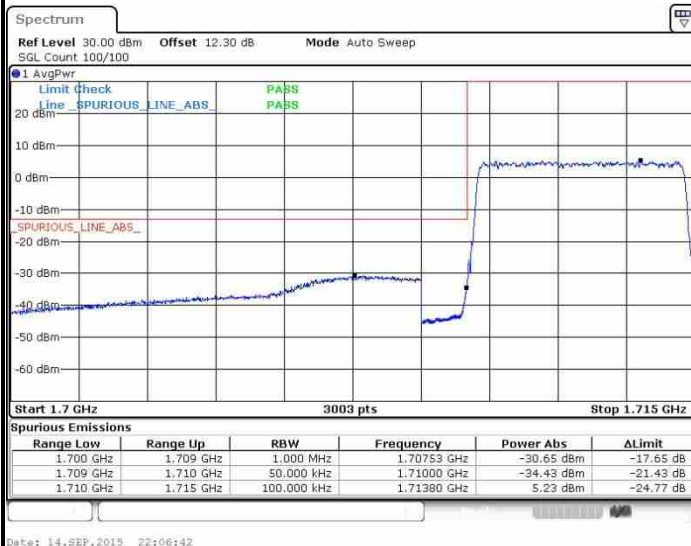
## Lowest Band Edge / 1RB



## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



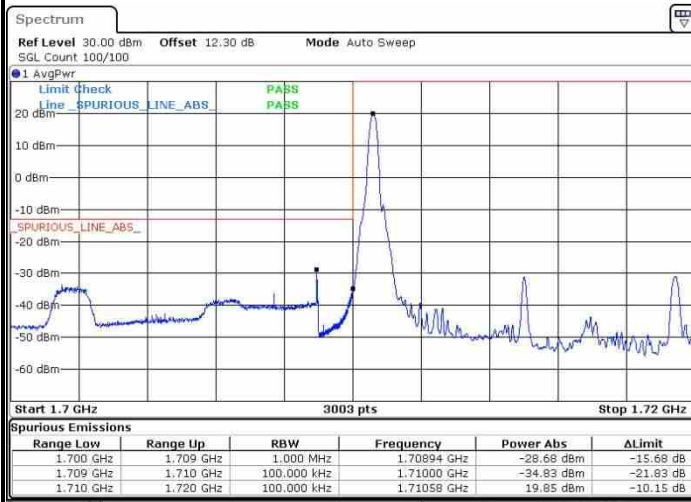
## Highest Band Edge / Full RB



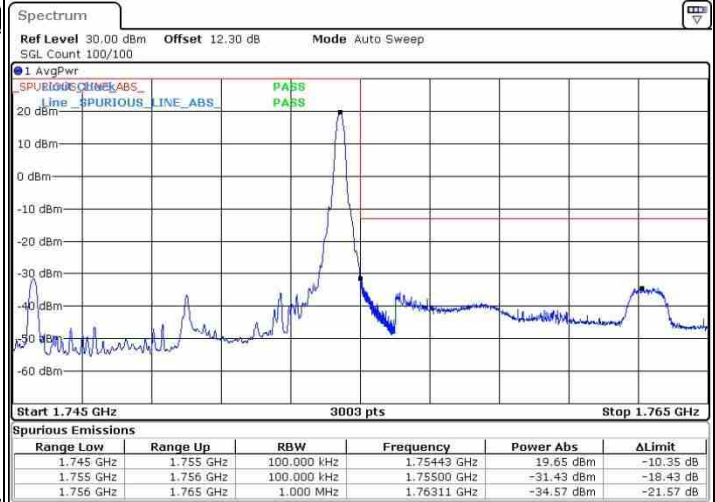


## LTE Band 4 / 10MHz / QPSK

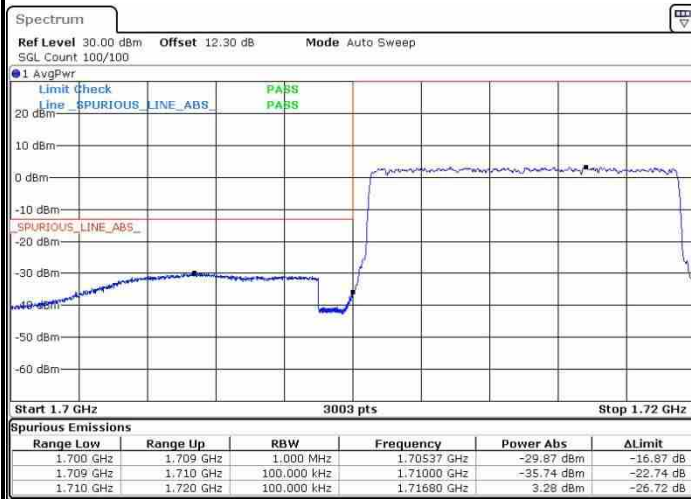
## Lowest Band Edge / 1 RB



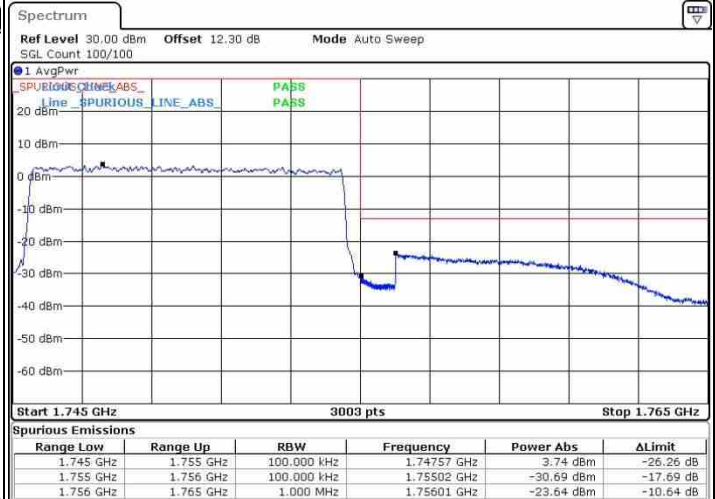
## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



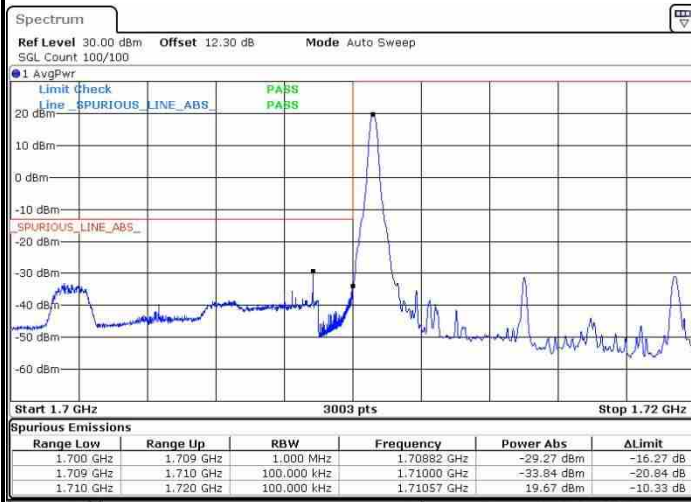
## Highest Band Edge / Full RB



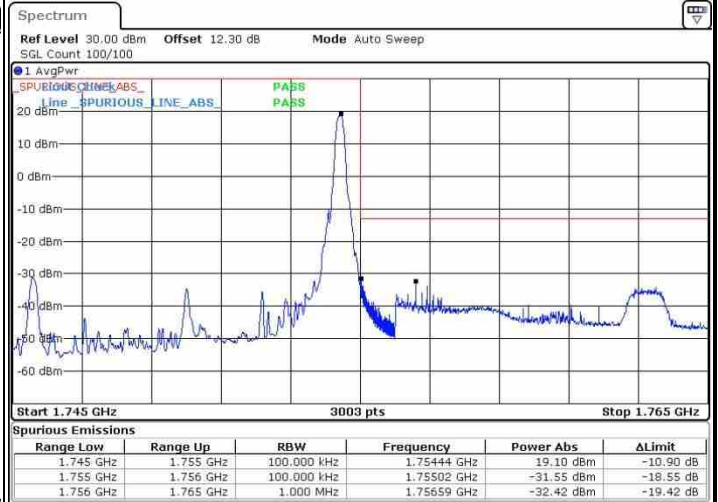


## LTE Band 4 / 10MHz / 16QAM

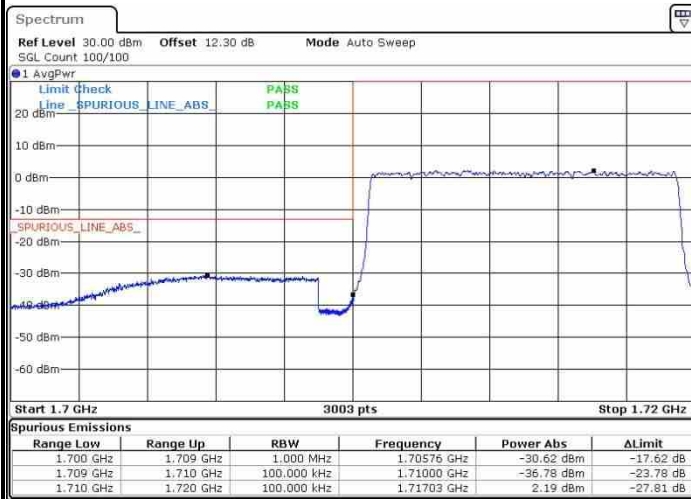
## Lowest Band Edge / 1 RB



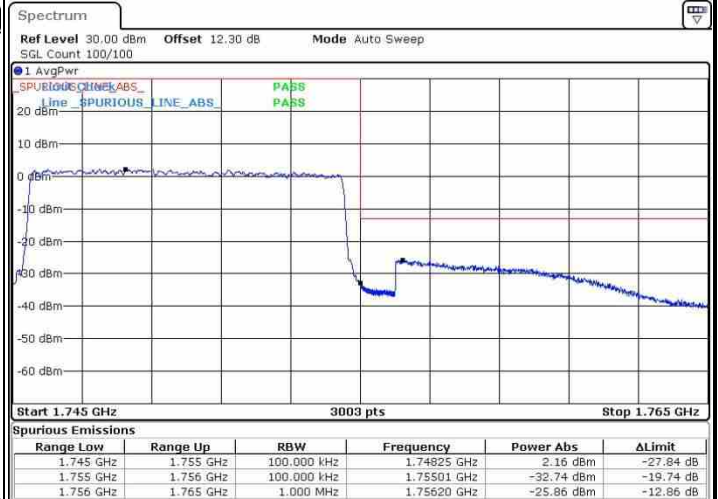
## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



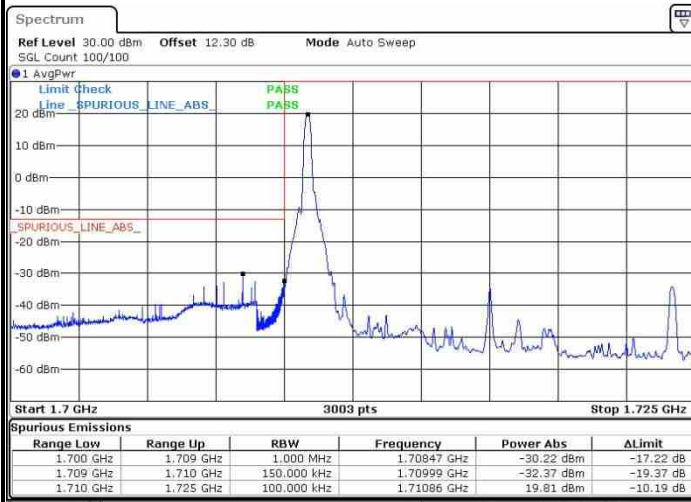
## Highest Band Edge / Full RB



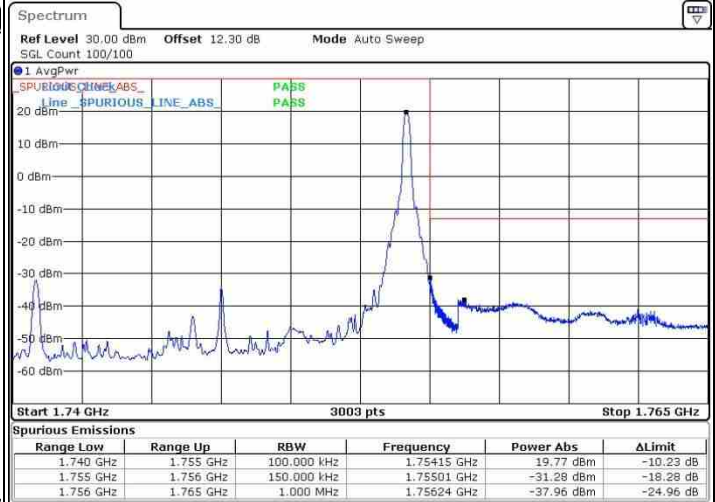


## LTE Band 4 / 15MHz / QPSK

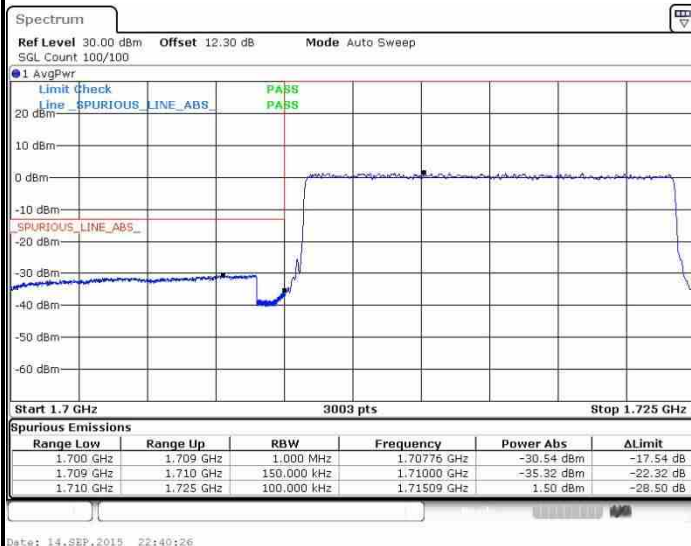
## Lowest Band Edge / 1 RB



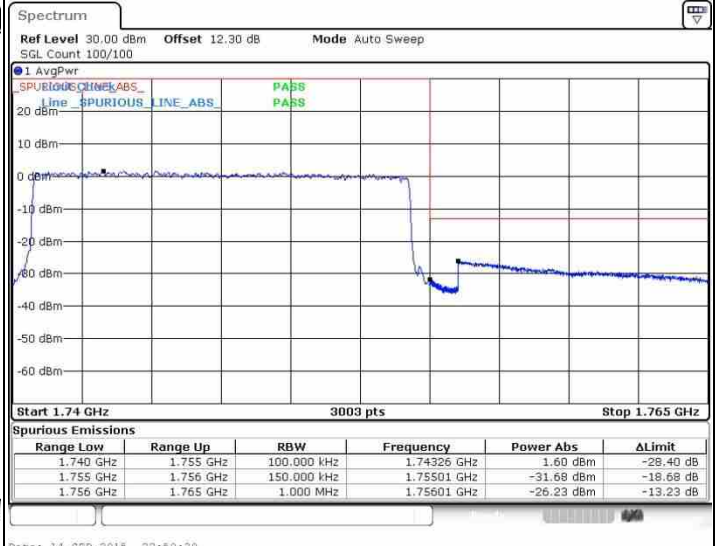
## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



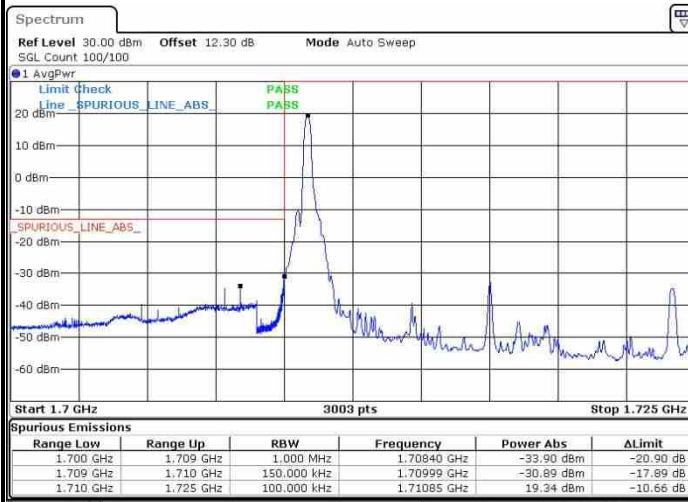
## Highest Band Edge / Full RB



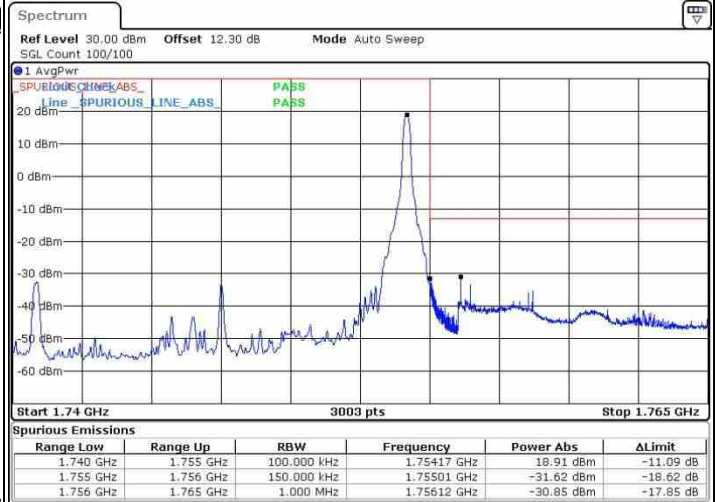


## LTE Band 4 / 15MHz / 16QAM

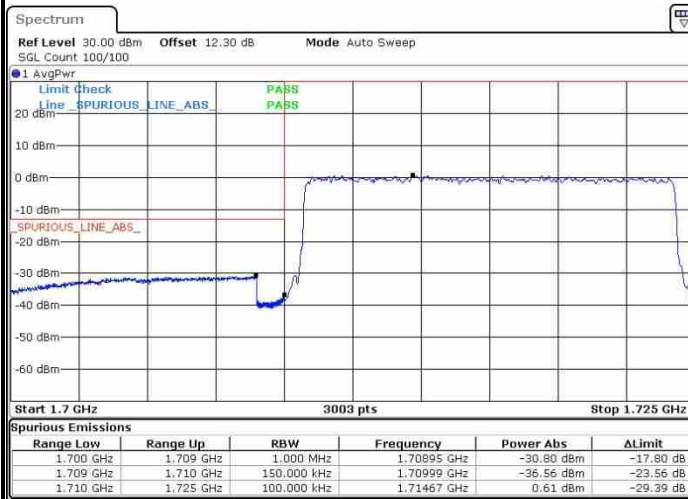
## Lowest Band Edge / 1 RB



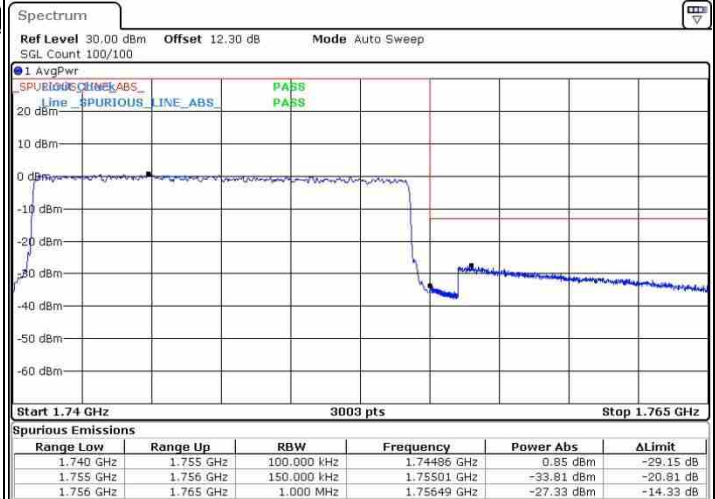
## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



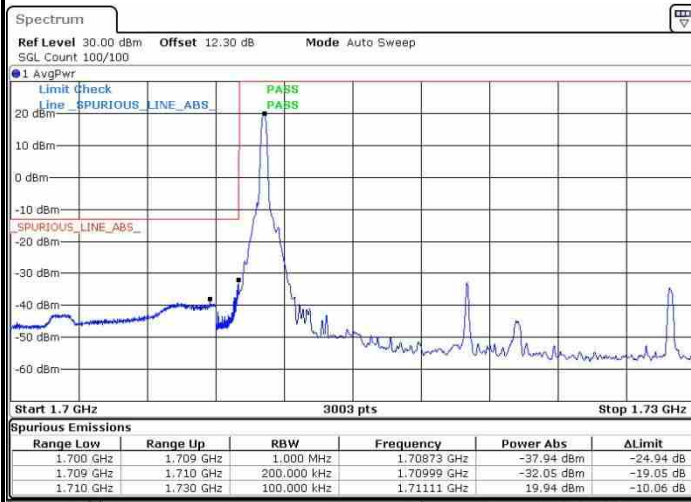
## Highest Band Edge / Full RB



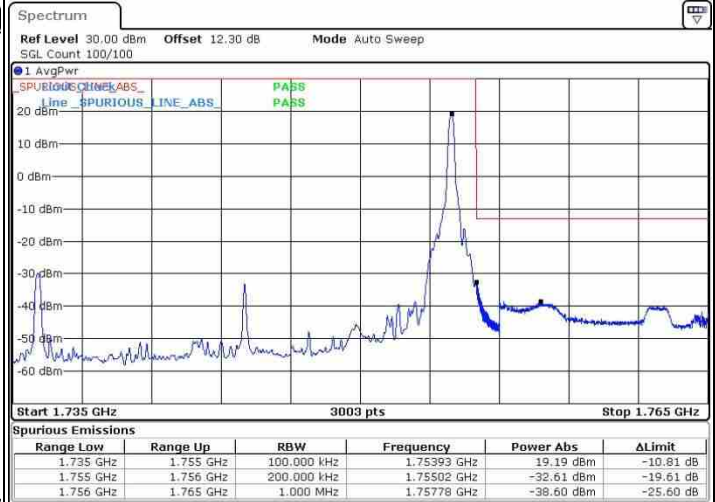


## LTE Band 4 / 20MHz / QPSK

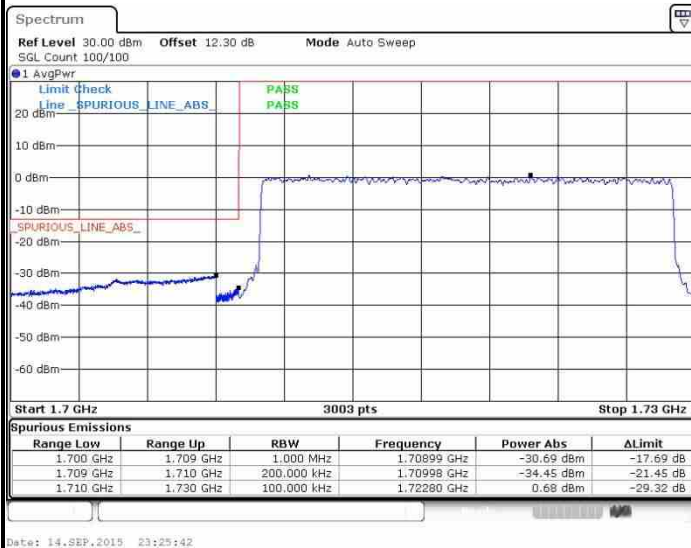
## Lowest Band Edge / 1 RB



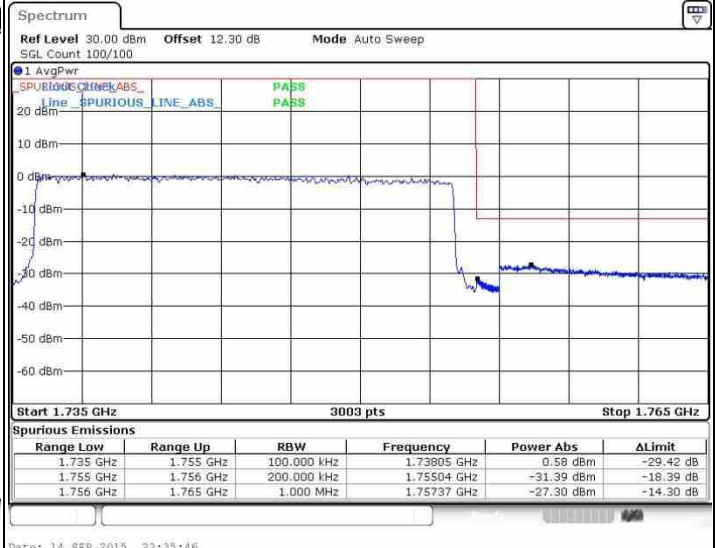
## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



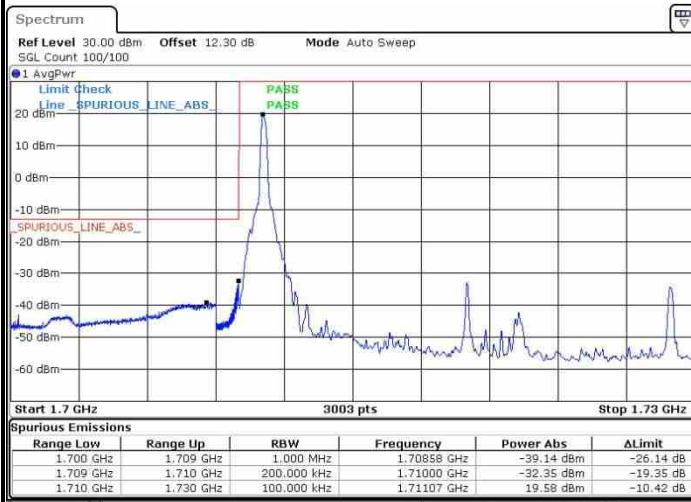
## Highest Band Edge / Full RB



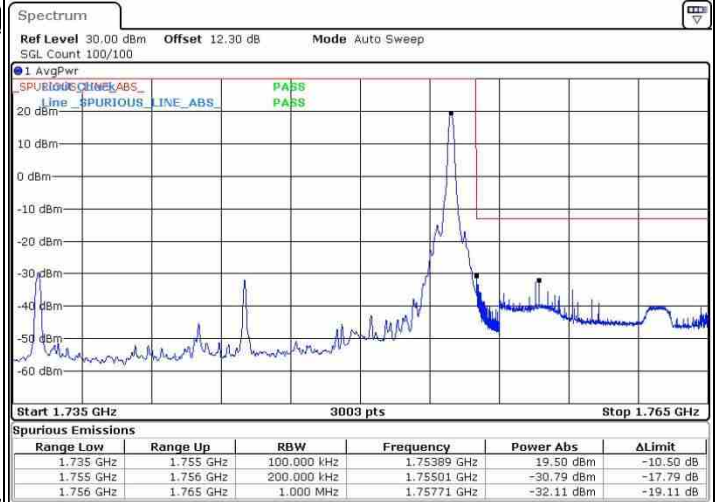


## LTE Band 4 / 20MHz / 16QAM

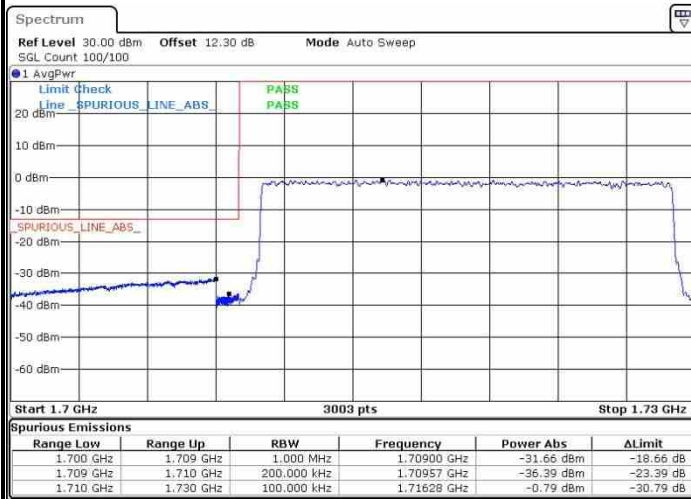
## Lowest Band Edge / 1 RB



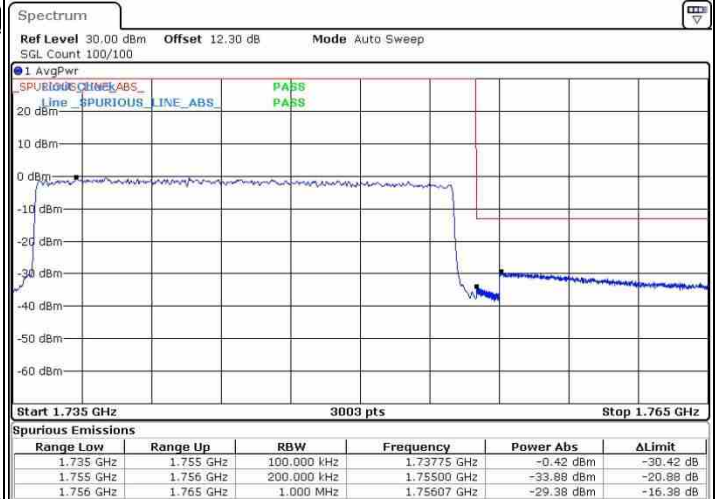
## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



## Highest Band Edge / Full RB



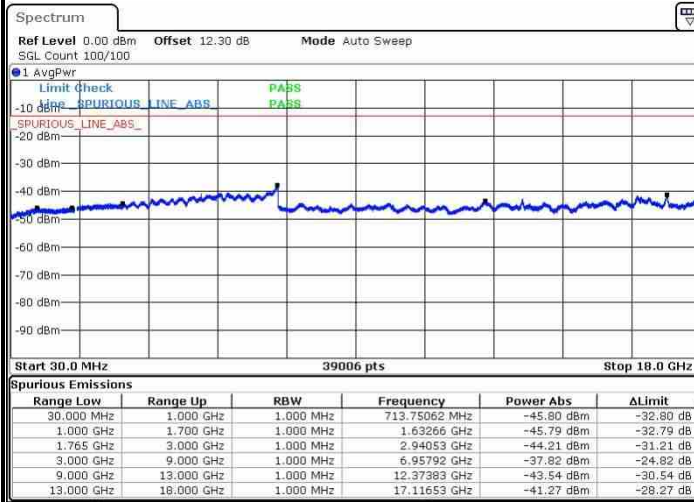


## **Conducted Spurious Emission**



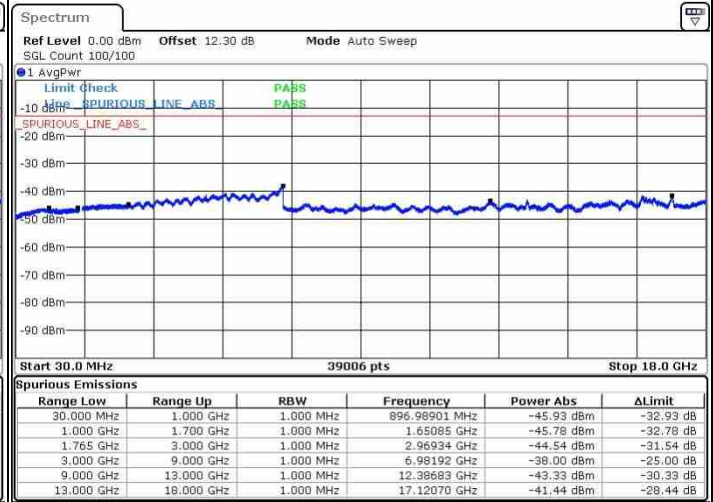
## LTE Band 4 / 1.4MHz

## Lowest Channel / QPSK



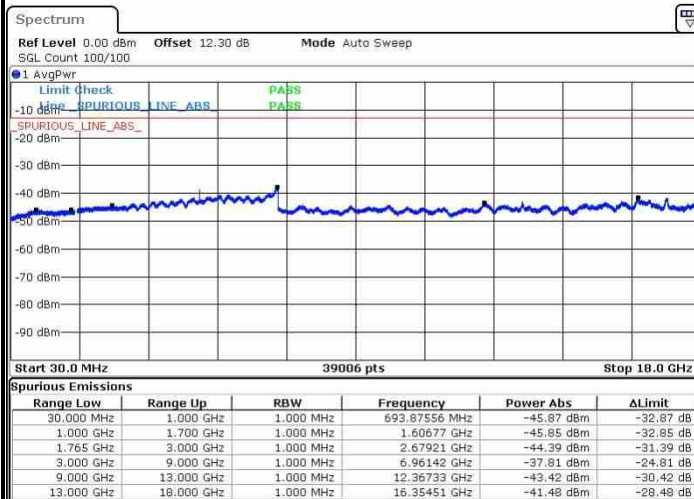
Date: 14.SEP.2015 21:32:45

## Lowest Channel / 16QAM



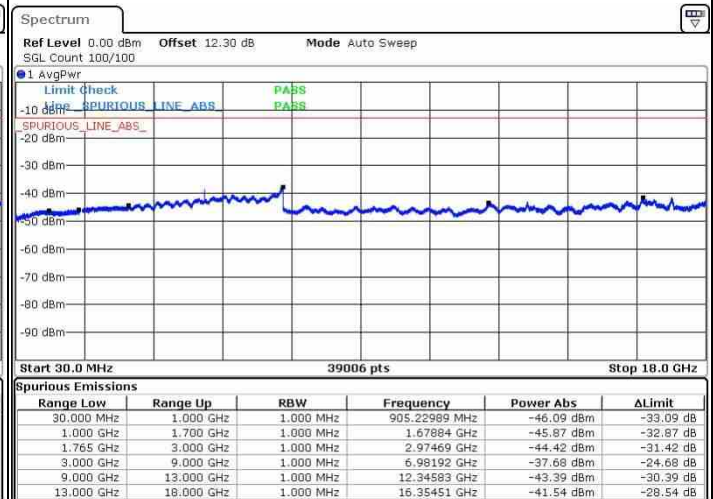
Date: 14.SEP.2015 21:33:43

## Middle Channel / QPSK



Date: 14.SEP.2015 21:35:29

## Middle Channel / 16QAM

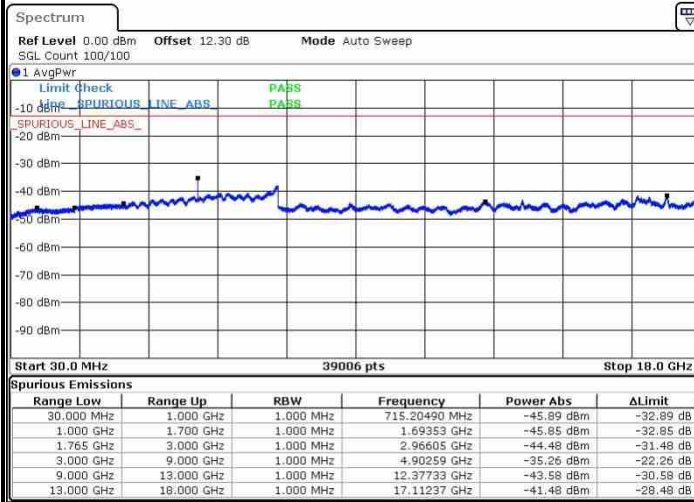


Date: 14.SEP.2015 21:36:27



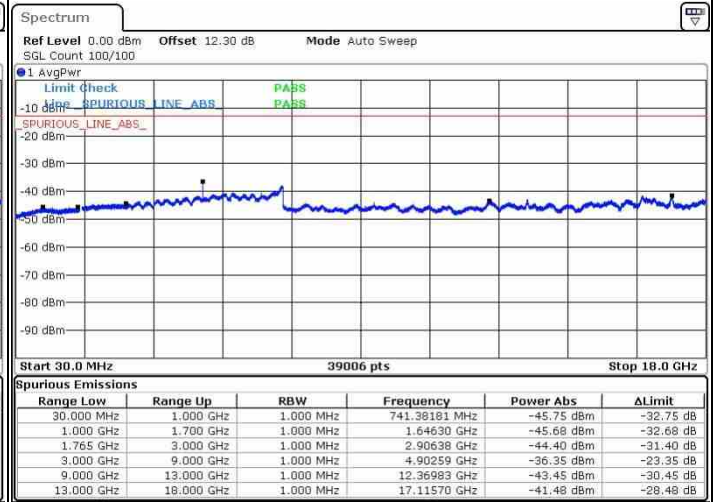
## LTE Band 4 / 1.4MHz

## Highest Channel / QPSK



Date: 14.SEP.2015 21:42:51

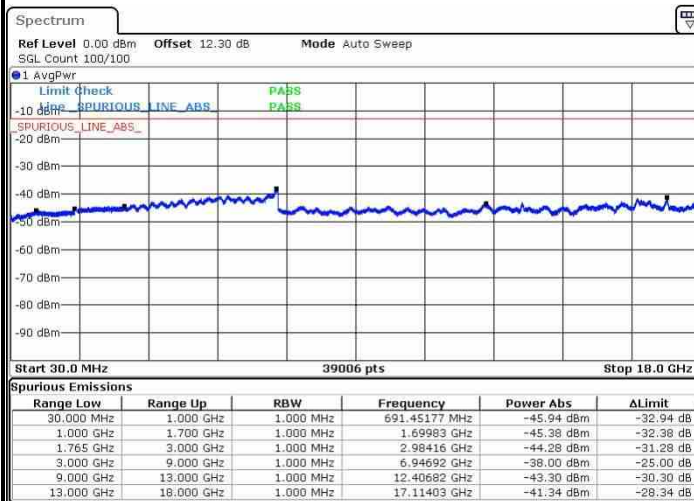
## Highest Channel / 16QAM



Date: 14.SEP.2015 21:43:49

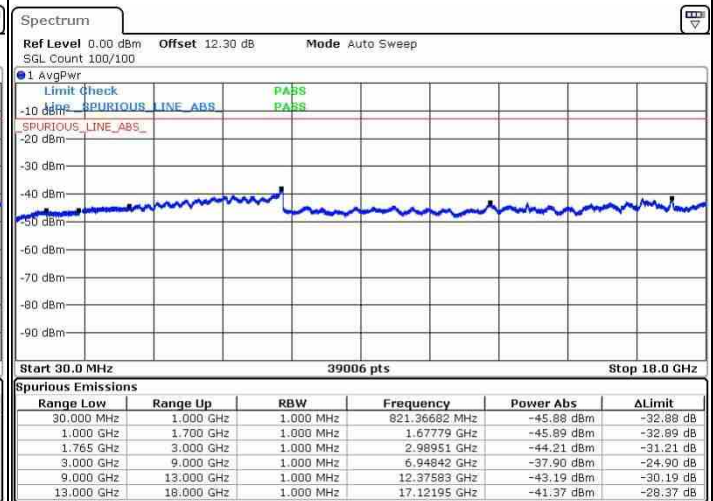
## LTE Band 4 / 3MHz

## Lowest Channel / QPSK



Date: 14.SEP.2015 21:50:13

## Lowest Channel / 16QAM

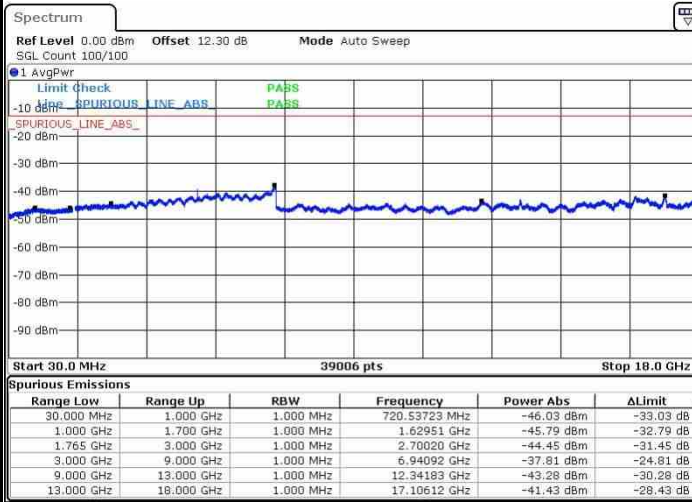


Date: 14.SEP.2015 21:51:11



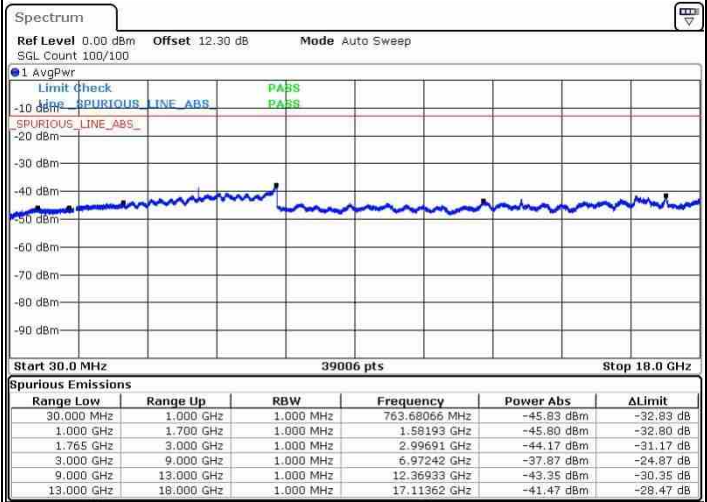
## LTE Band 4 / 3MHz

## Middle Channel / QPSK



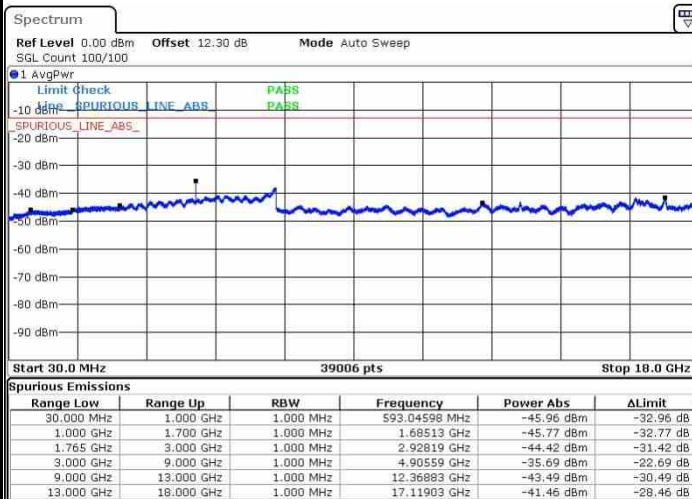
Date: 14.SEP.2015 21:52:57

## Middle Channel / 16QAM



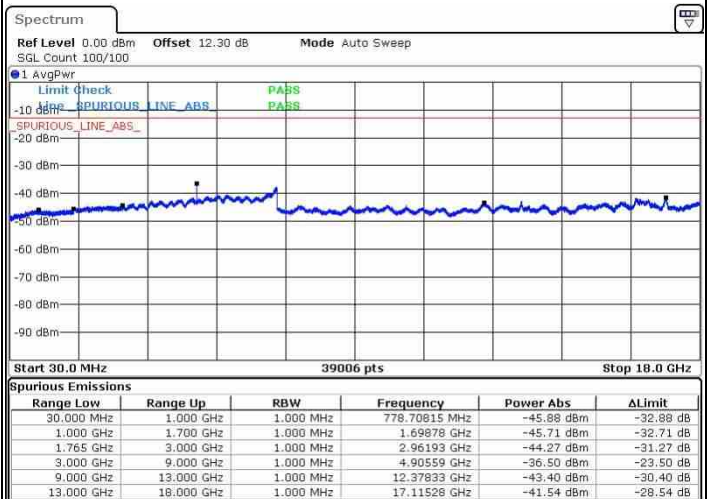
Date: 14.SEP.2015 21:53:55

## Highest Channel / QPSK



Date: 14.SEP.2015 22:00:18

## Highest Channel / 16QAM

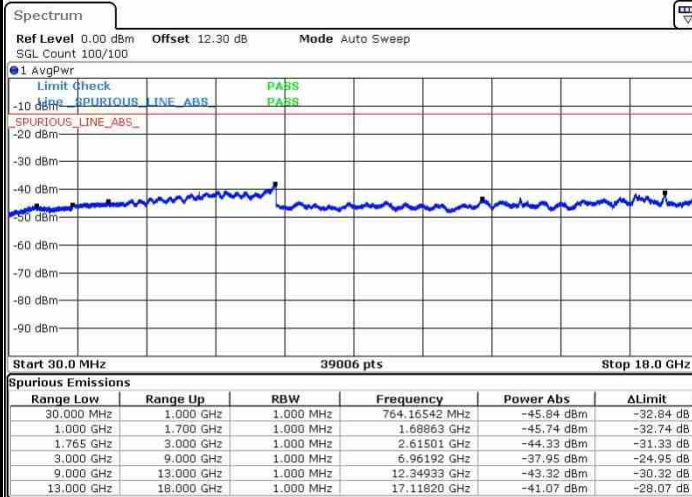


Date: 14.SEP.2015 22:01:17



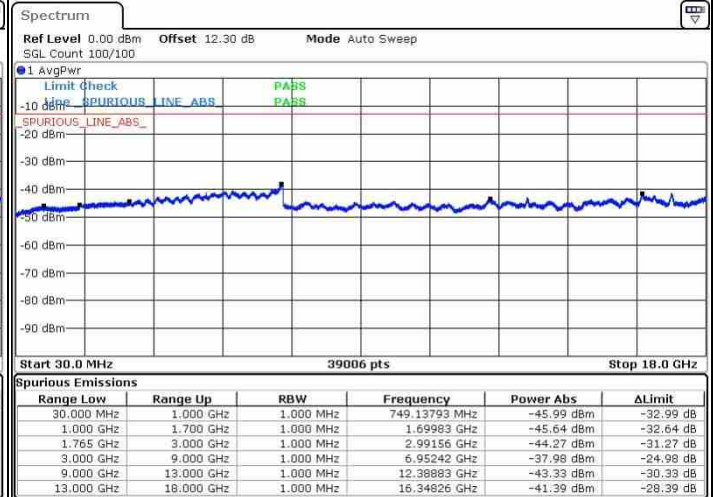
## LTE Band 4 / 5MHz

## Lowest Channel / QPSK



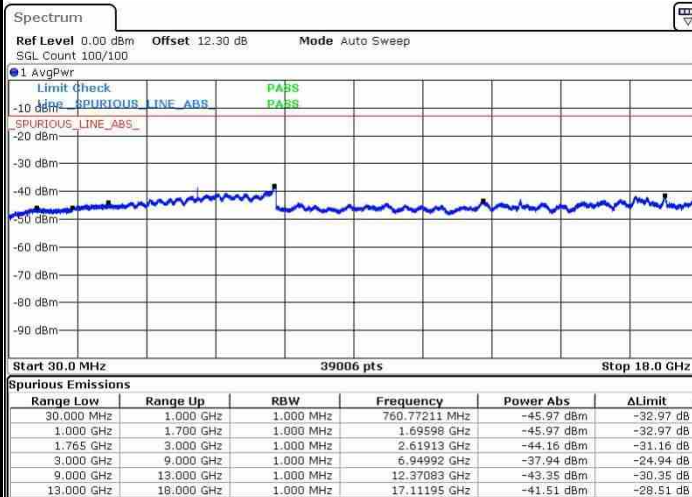
Date: 14.SEP.2015 22:07:40

## Lowest Channel / 16QAM



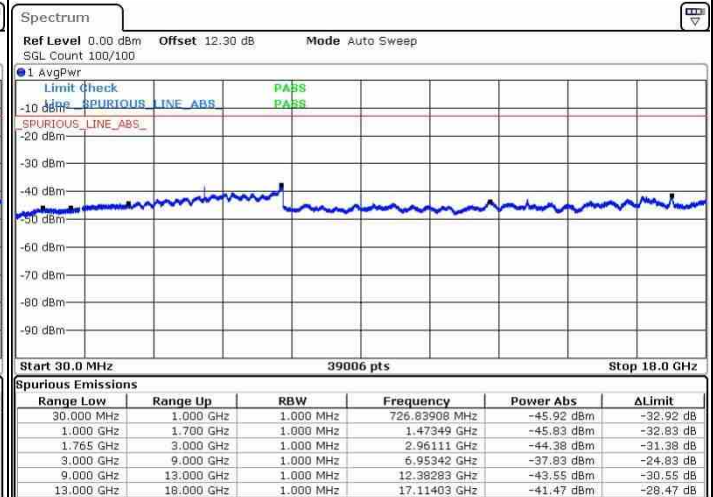
Date: 14.SEP.2015 22:08:38

## Middle Channel / QPSK



Date: 14.SEP.2015 22:10:23

## Middle Channel / 16QAM

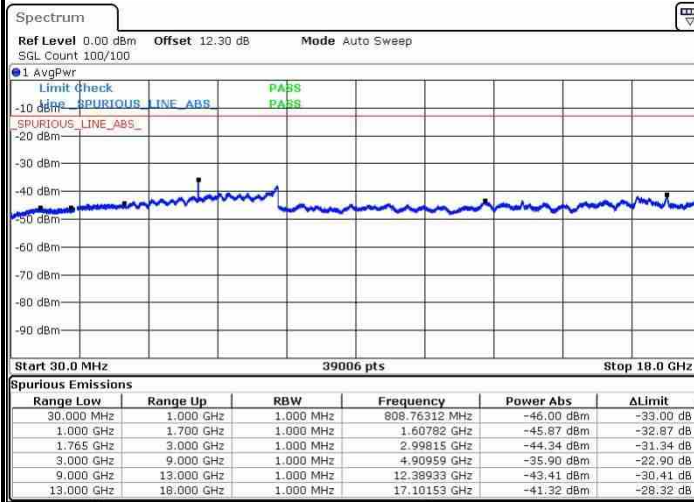


Date: 14.SEP.2015 22:11:22



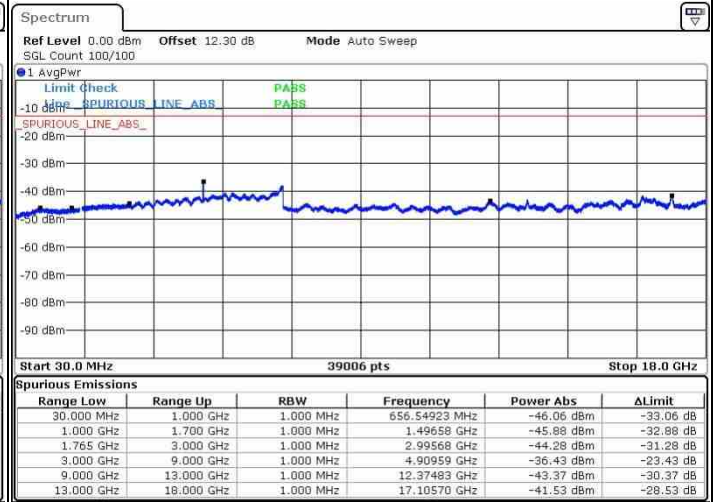
## LTE Band 4 / 5MHz

## Highest Channel / QPSK



Date: 14.SEP.2015 22:17:44

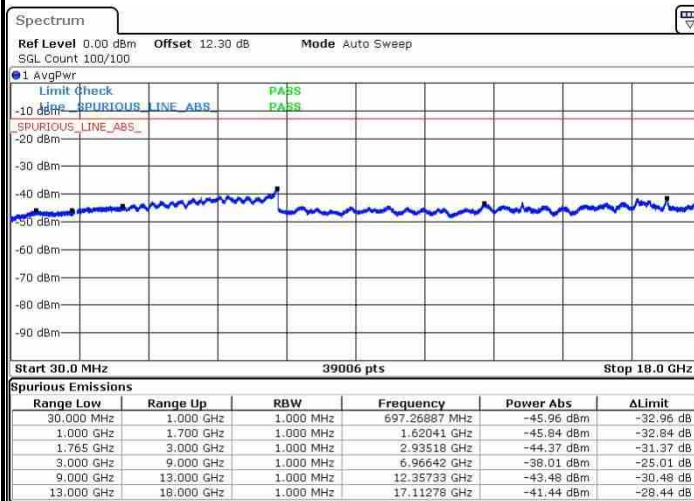
## Highest Channel / 16QAM



Date: 14.SEP.2015 22:18:43

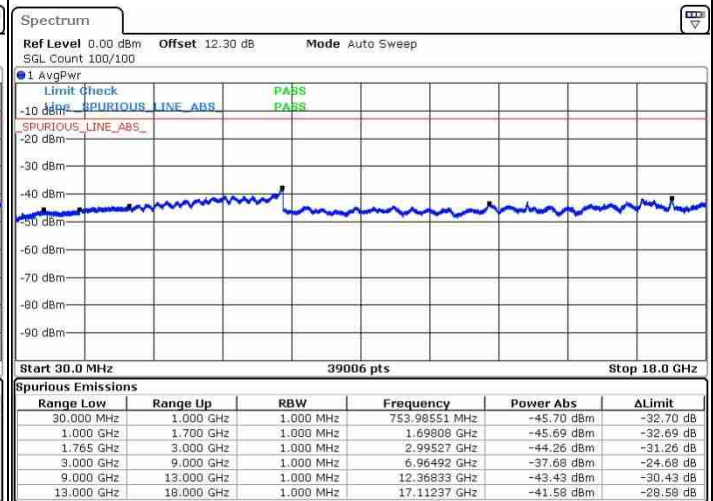
## LTE Band 4 / 10MHz

## Lowest Channel / QPSK



Date: 14.SEP.2015 22:25:06

## Lowest Channel / 16QAM

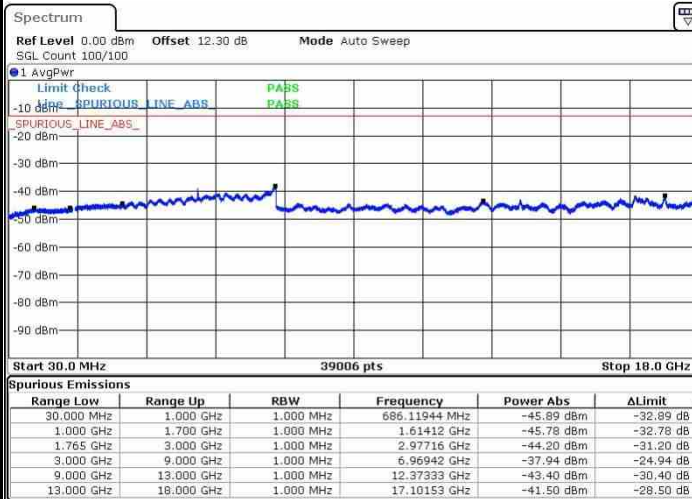


Date: 14.SEP.2015 22:26:04



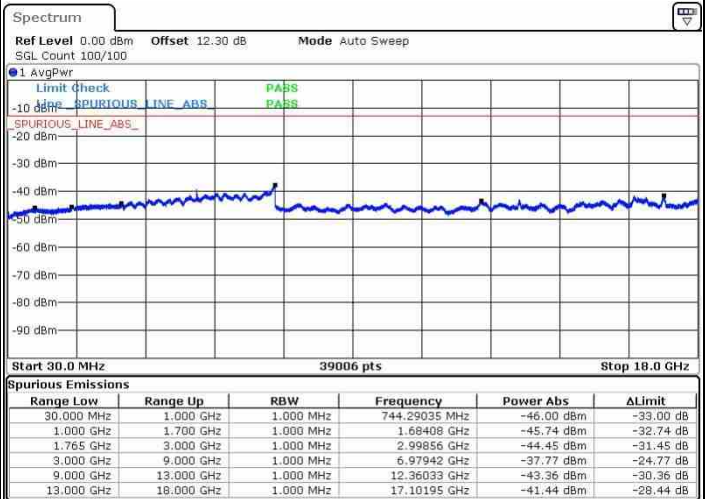
## LTE Band 4 / 10MHz

## Middle Channel / QPSK



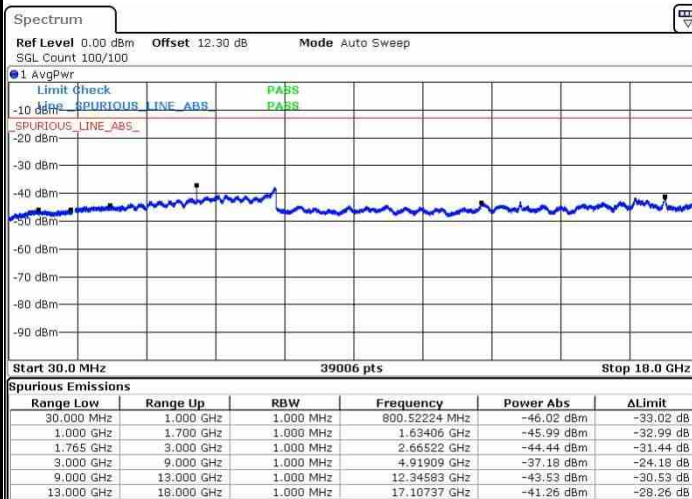
Date: 14.SEP.2015 22:27:50

## Middle Channel / 16QAM



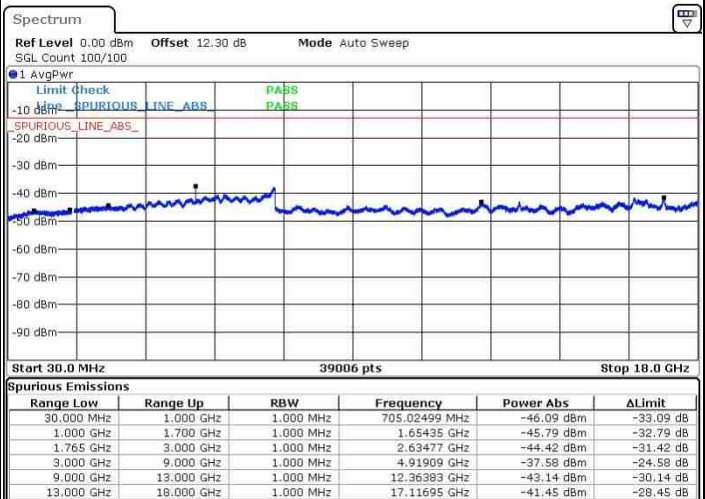
Date: 14.SEP.2015 22:28:48

## Highest Channel / QPSK



Date: 14.SEP.2015 22:35:11

## Highest Channel / 16QAM

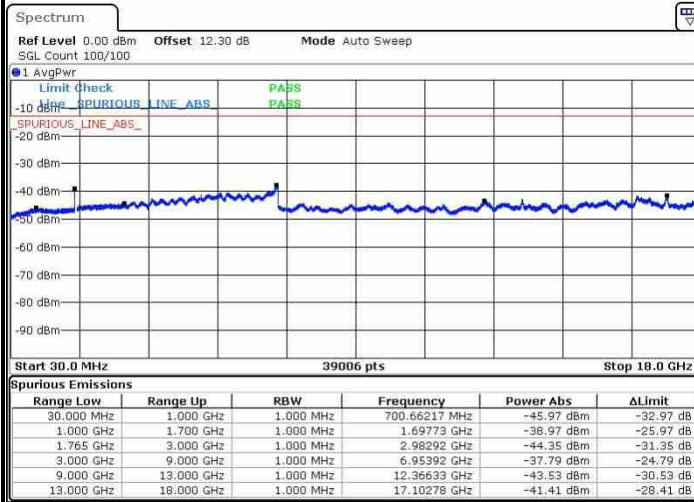


Date: 14.SEP.2015 22:36:09



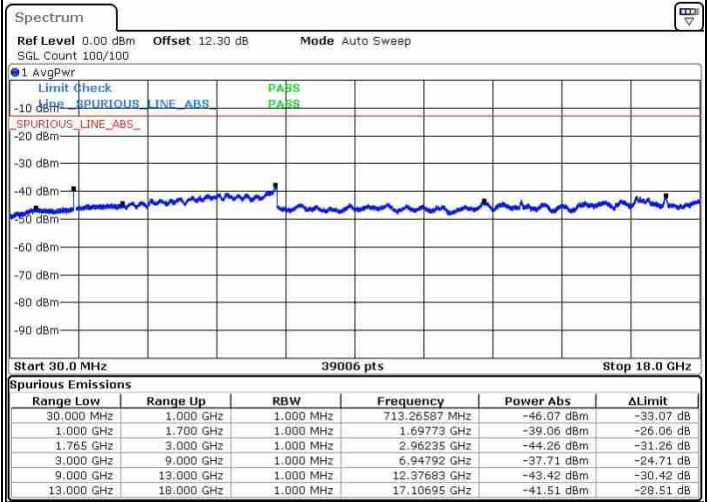
## LTE Band 4 / 15MHz

## Lowest Channel / QPSK



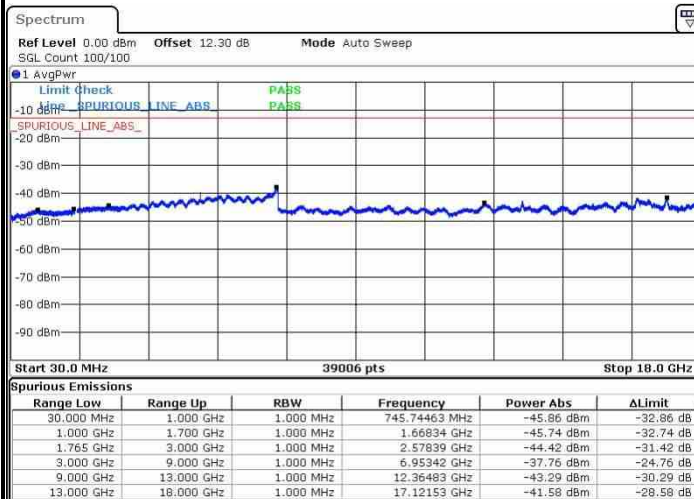
Date: 14.SEP.2015 22:42:32

## Lowest Channel / 16QAM



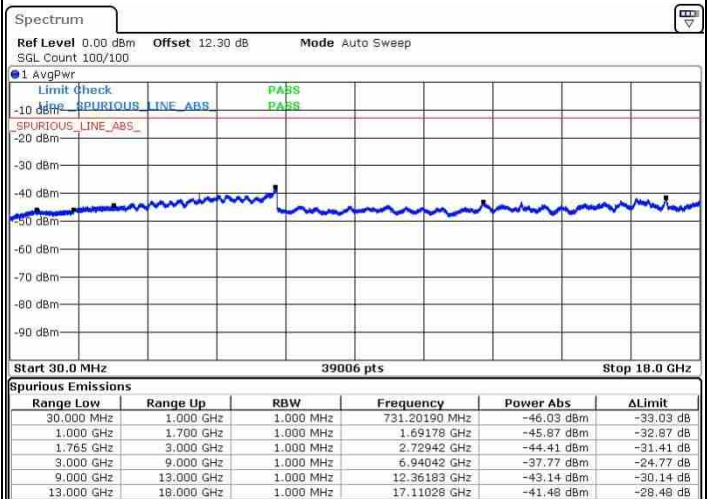
Date: 14.SEP.2015 22:43:31

## Middle Channel / QPSK



Date: 14.SEP.2015 22:45:16

## Middle Channel / 16QAM

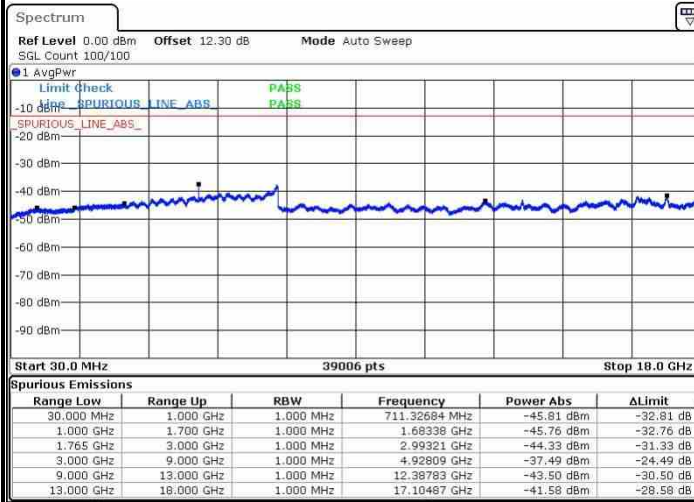


Date: 14.SEP.2015 22:46:14



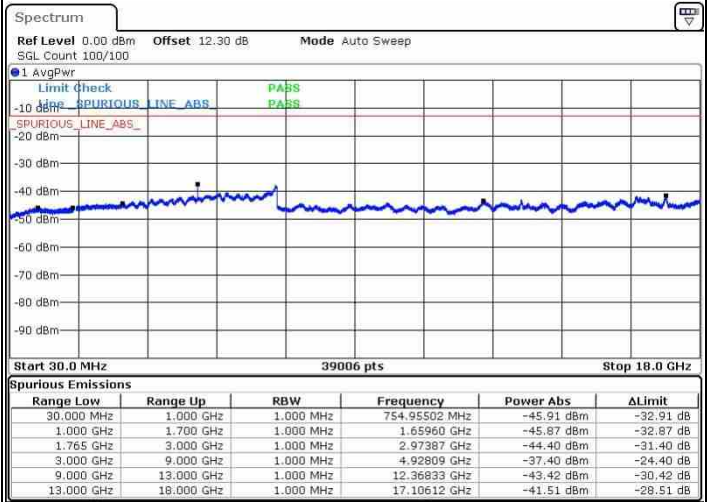
## LTE Band 4 / 15MHz

## Highest Channel / QPSK



Date: 14.SEP.2015 22:52:37

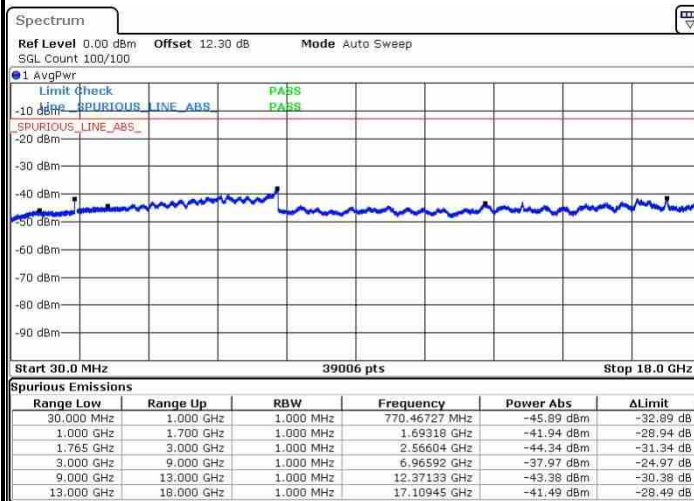
## Highest Channel / 16QAM



Date: 14.SEP.2015 22:53:35

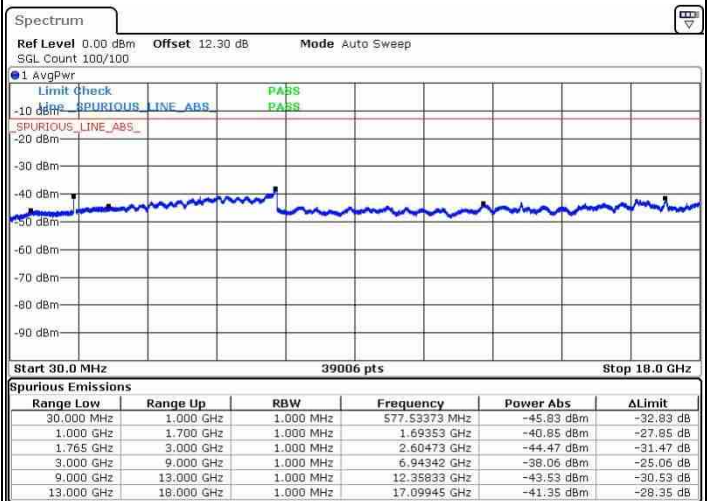
## LTE Band 4 / 20MHz

## Lowest Channel / QPSK



Date: 14.SEP.2015 23:27:49

## Lowest Channel / 16QAM



Date: 14.SEP.2015 23:28:47