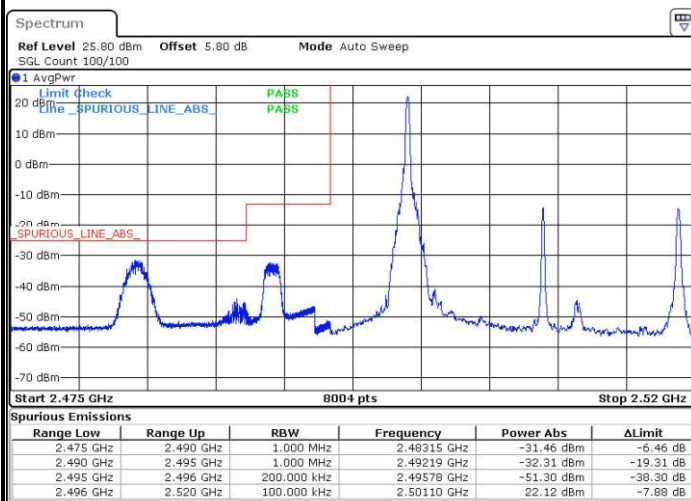


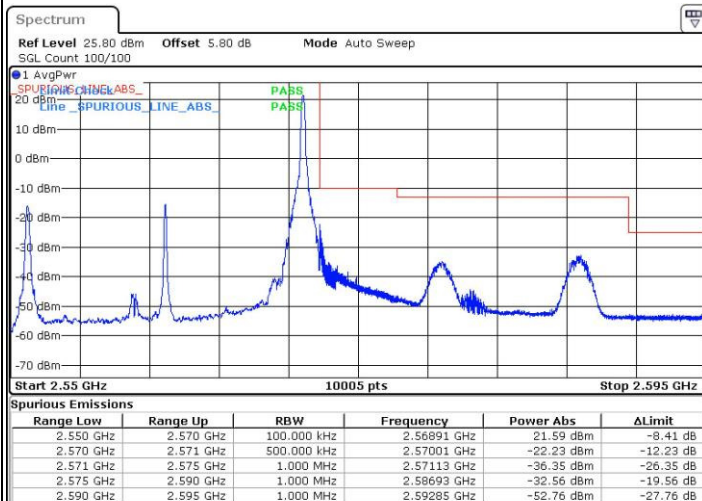


## LTE Band 7 / 20MHz / QPSK

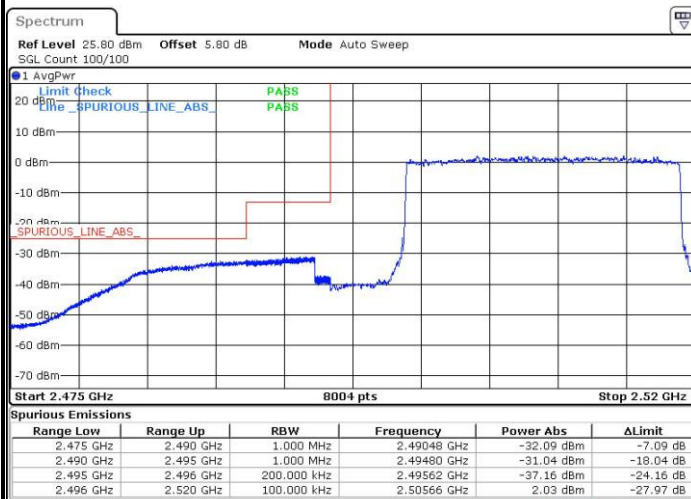
## Lowest Band Edge / 1 RB



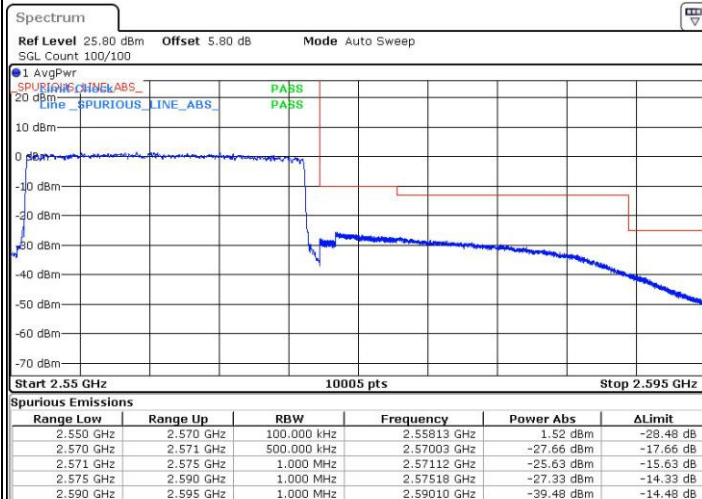
## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



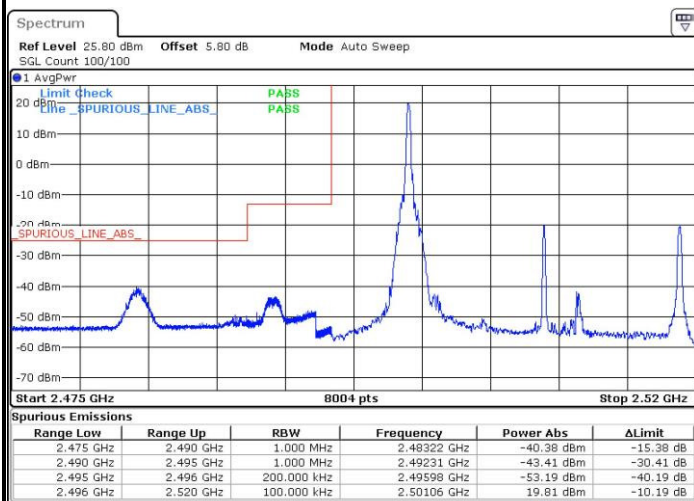
## Highest Band Edge / Full RB



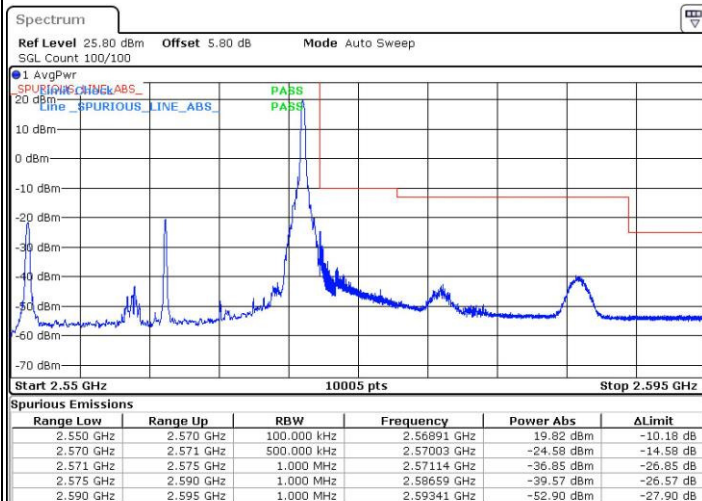


## LTE Band 7 / 20MHz / 16QAM

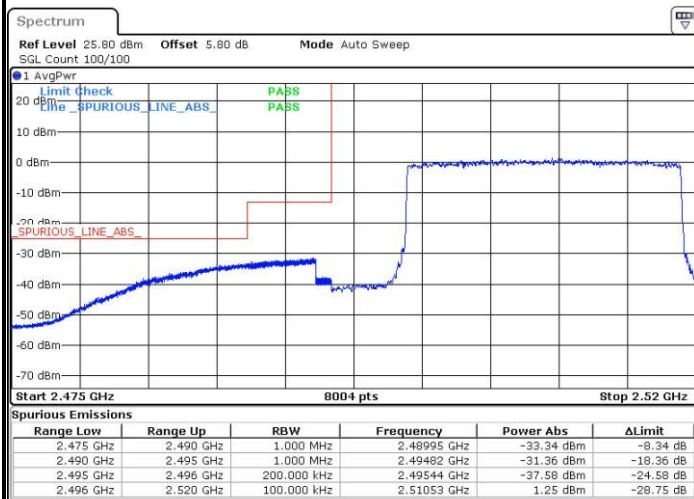
## Lowest Band Edge / 1 RB



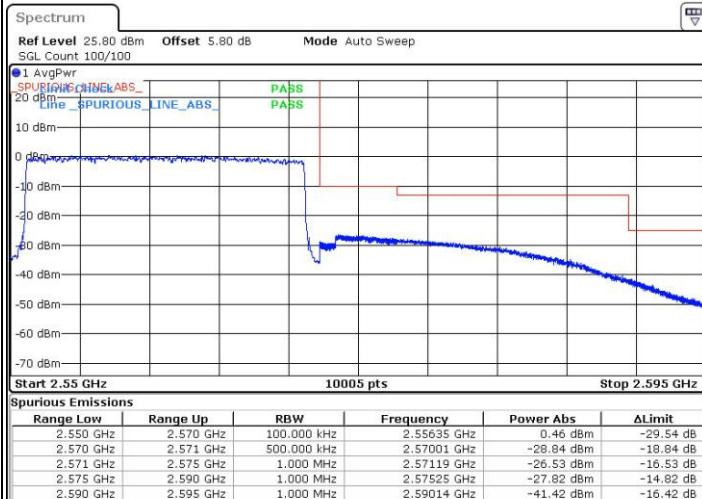
## Highest Band Edge / 1RB



## Lowest Band Edge / Full RB



## Highest Band Edge / Full RB



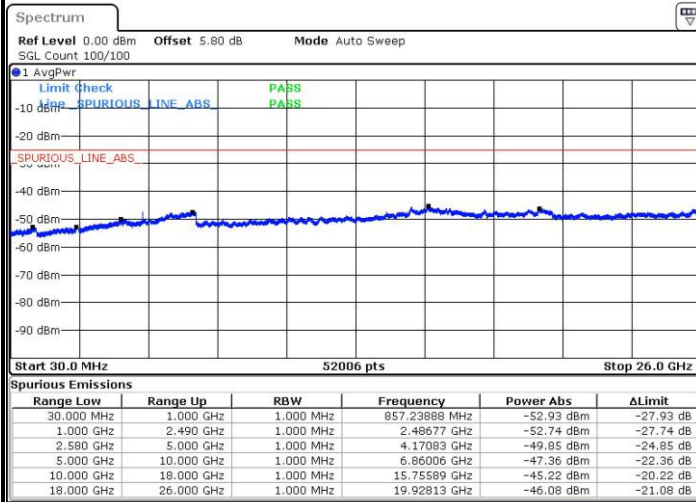


## **Conducted Spurious Emission**



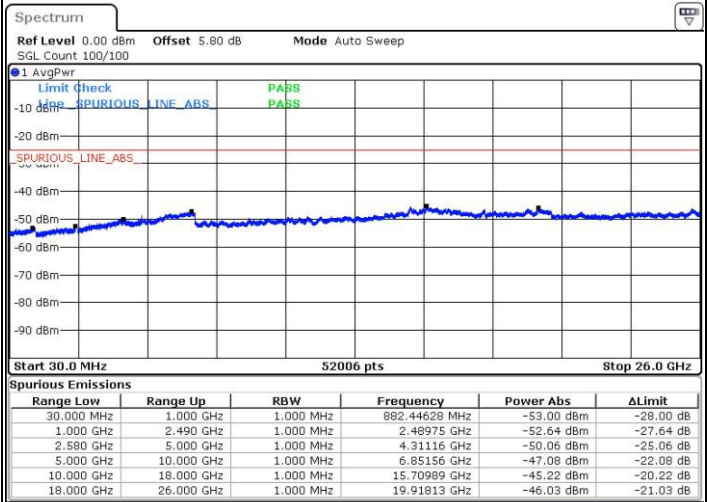
## LTE Band 7 / 5MHz

## Lowest Channel / QPSK



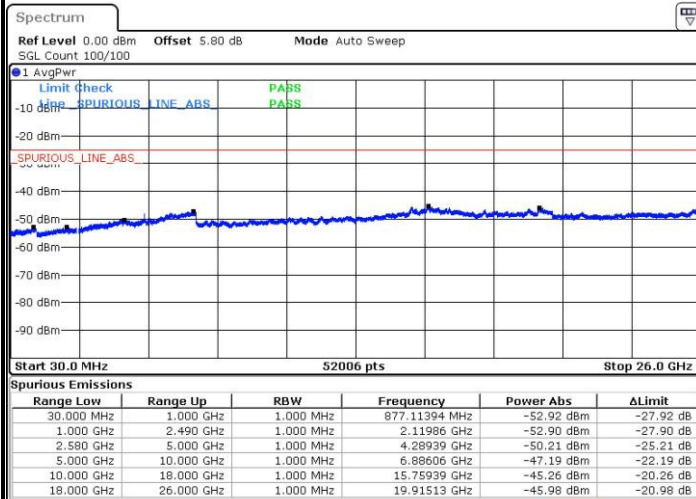
Date: 15 DEC 2016 22:17:21

## Lowest Channel / 16QAM



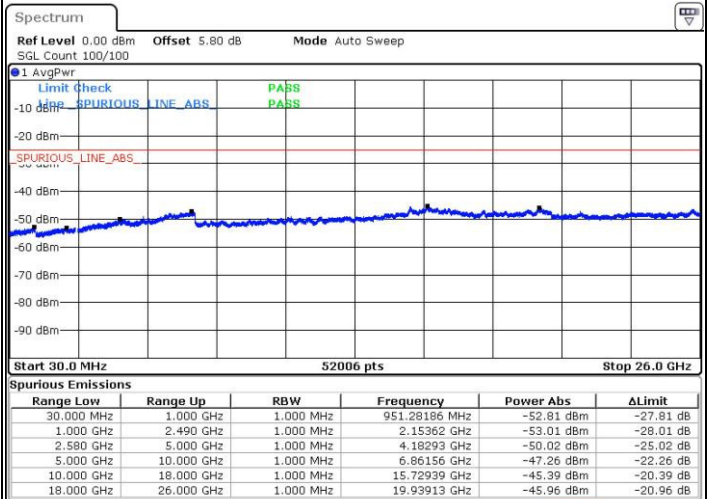
Date: 15 DEC 2016 22:18:15

## Middle Channel / QPSK



Date: 15 DEC 2016 22:20:04

## Middle Channel / 16QAM

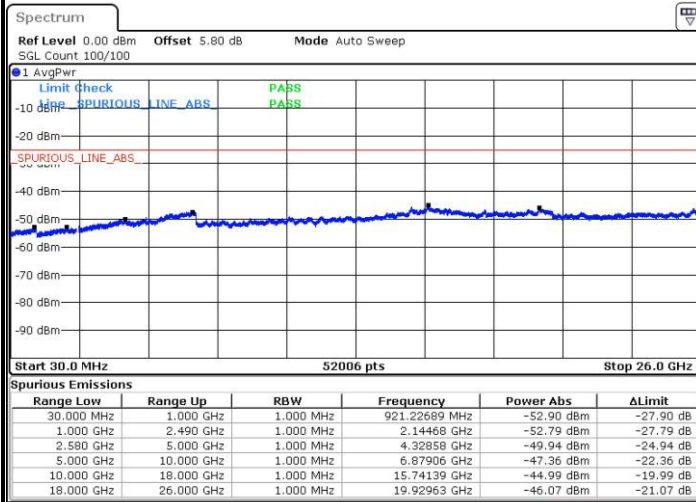


Date: 15 DEC 2016 22:19:09



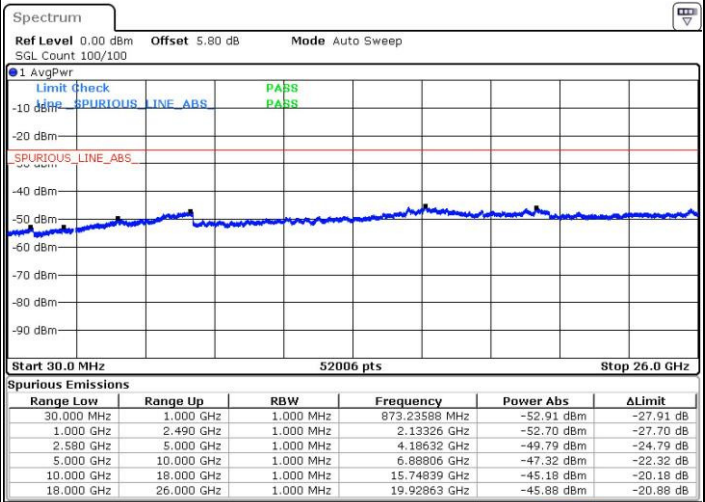
## LTE Band 7 / 5MHz

## Highest Channel / QPSK



Date: 15 DEC 2016 22:20:58

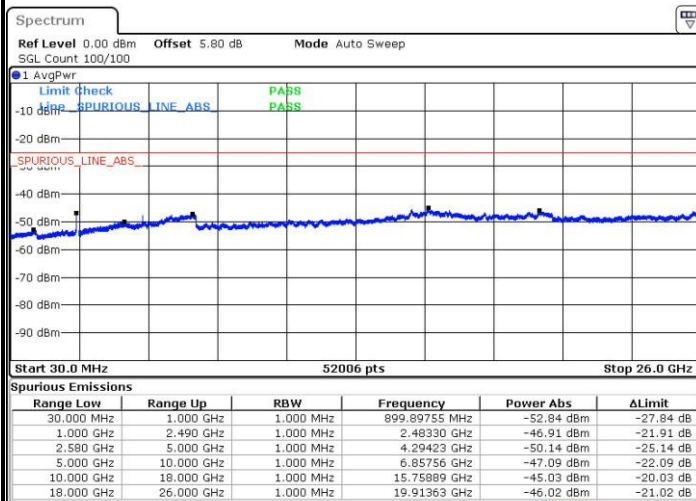
## Highest Channel / 16QAM



Date: 15 DEC 2016 22:21:52

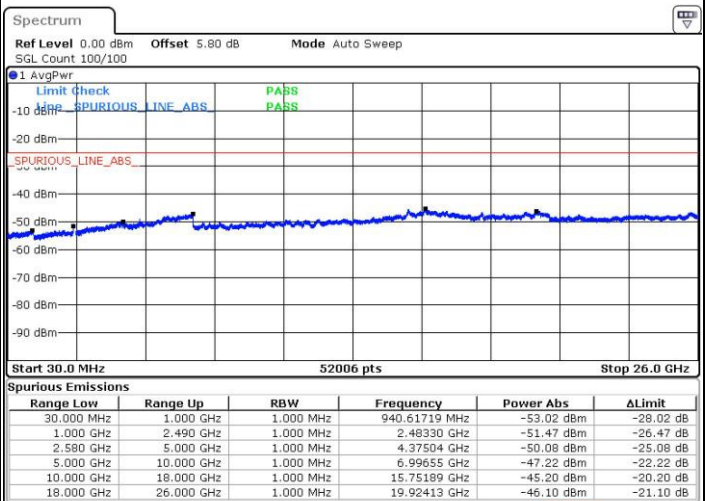
## LTE Band 7 / 10MHz

## Lowest Channel / QPSK



Date: 15 DEC 2016 22:33:57

## Lowest Channel / 16QAM

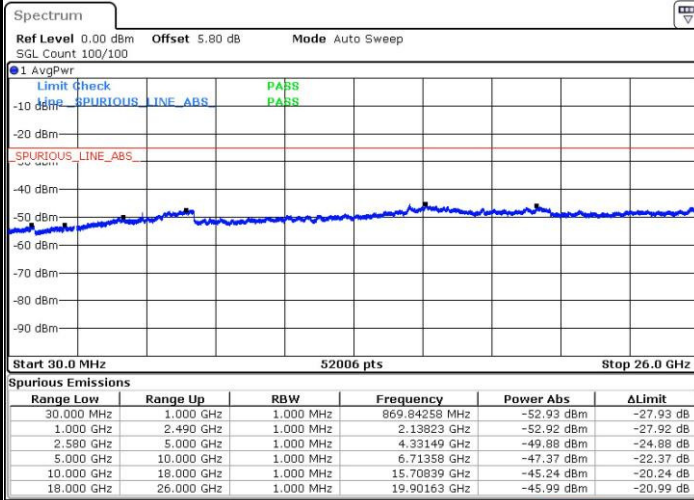


Date: 15 DEC 2016 22:34:51



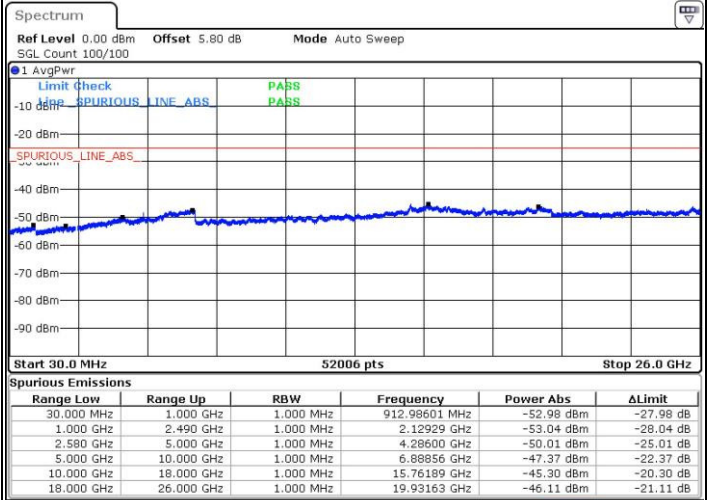
## LTE Band 7 / 10MHz

## Middle Channel / QPSK



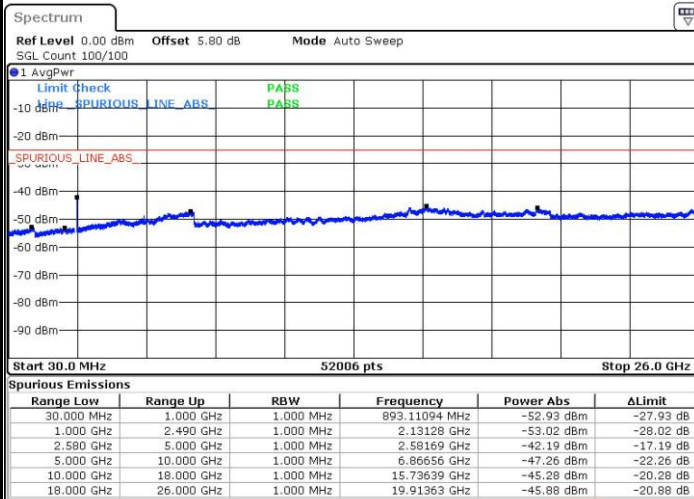
Date: 15 DEC 2016 22:36:40

## Middle Channel / 16QAM



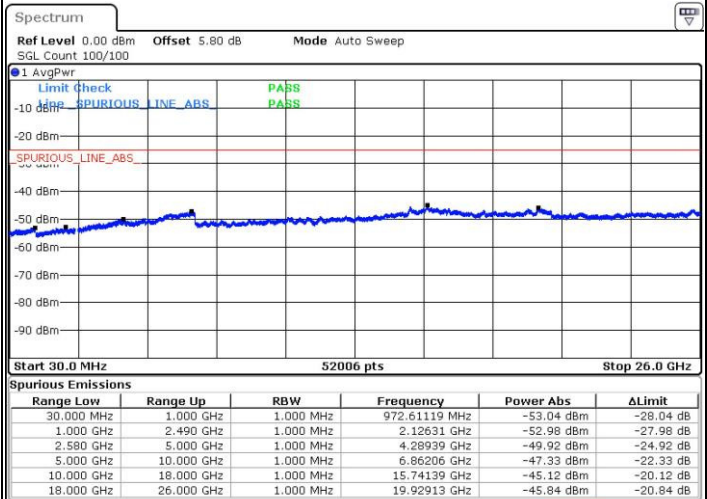
Date: 15 DEC 2016 22:35:45

## Highest Channel / QPSK



Date: 15 DEC 2016 22:37:34

## Highest Channel / 16QAM

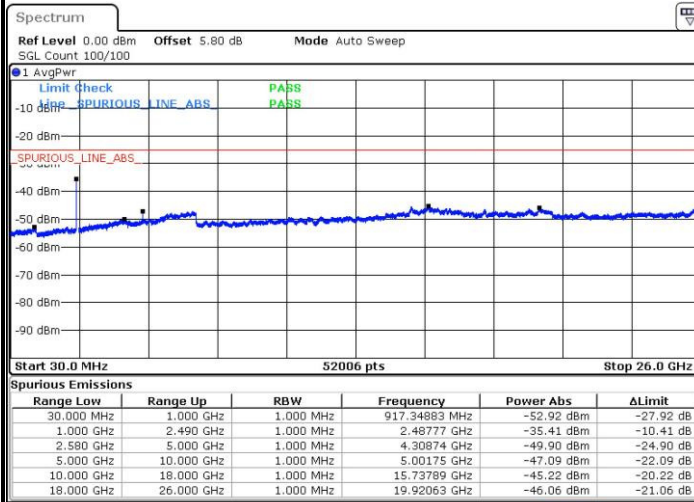


Date: 15 DEC 2016 22:38:28



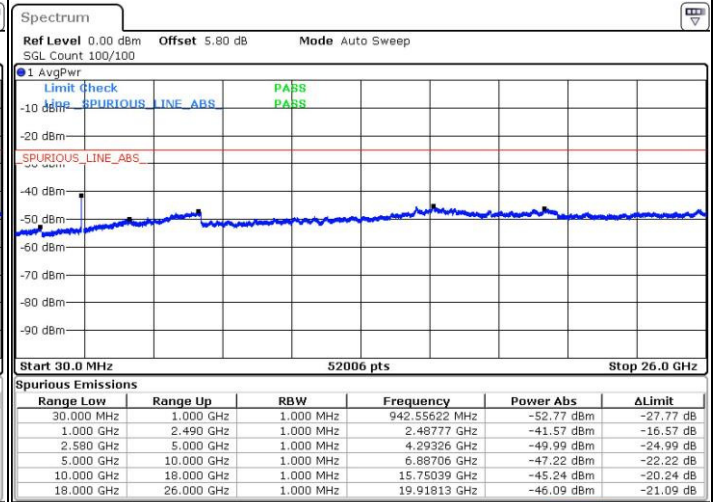
## LTE Band 7 / 15MHz

## Lowest Channel / QPSK



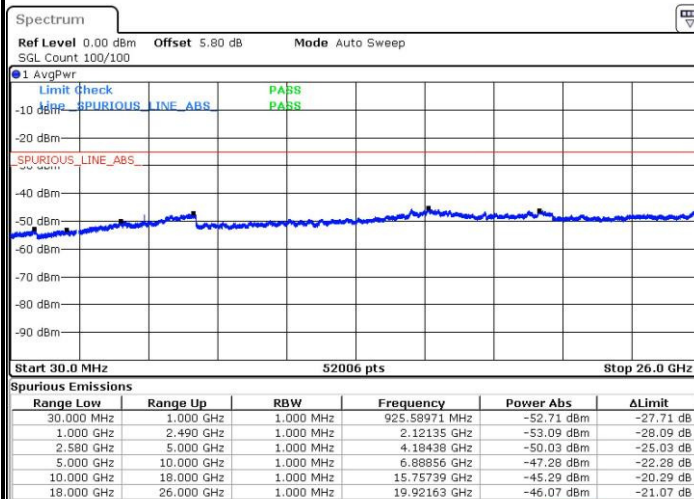
Date: 15 DEC 2016 22:50:33

## Lowest Channel / 16QAM



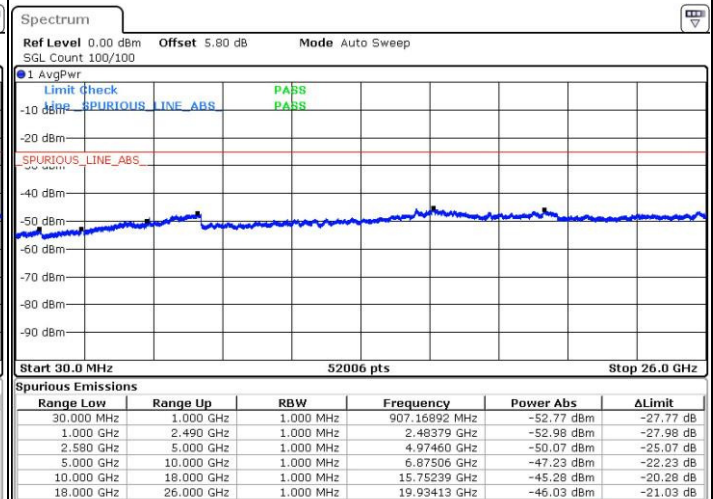
Date: 15 DEC 2016 22:51:27

## Middle Channel / QPSK



Date: 15 DEC 2016 22:53:16

## Middle Channel / 16QAM

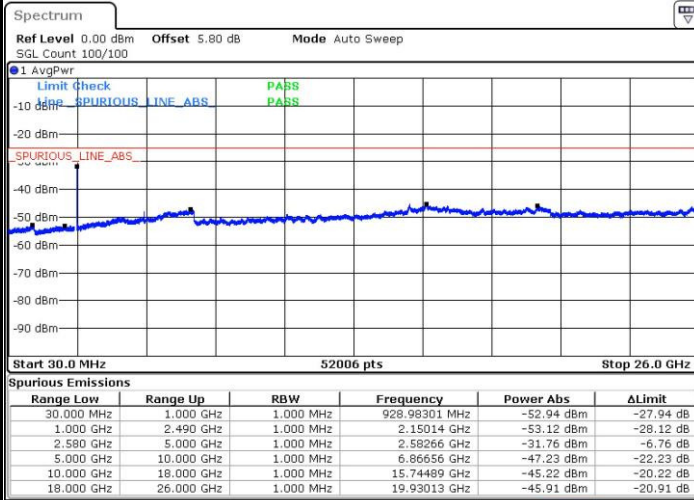


Date: 15 DEC 2016 22:52:22



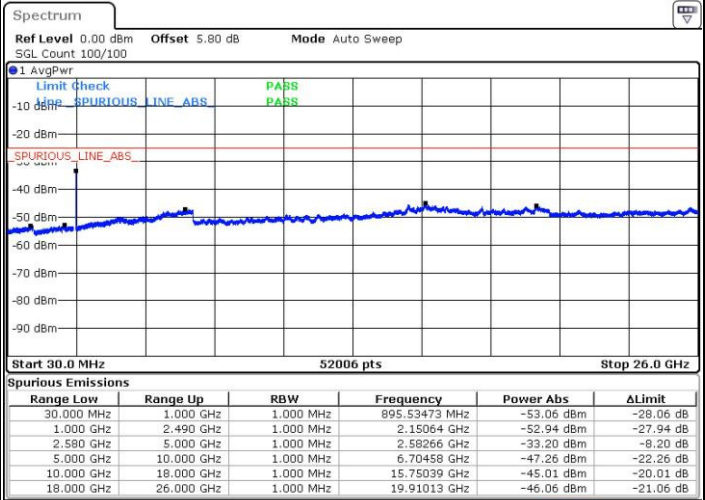
## LTE Band7 / 15MHz

## Highest Channel / QPSK



Date: 15 DEC 2016 22:54:10

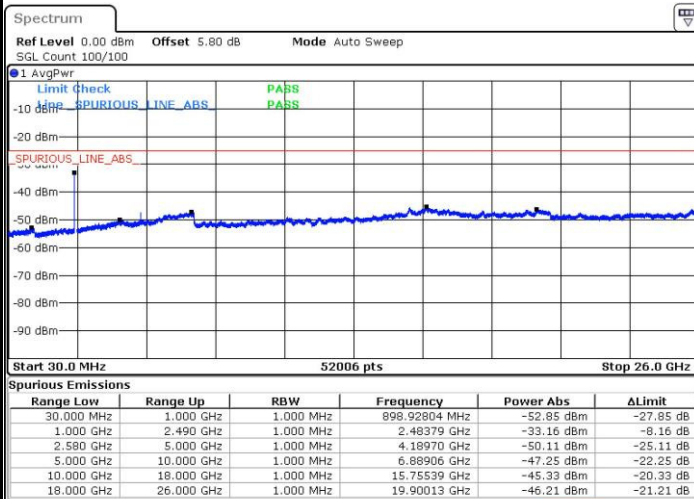
## Highest Channel / 16QAM



Date: 15 DEC 2016 22:55:04

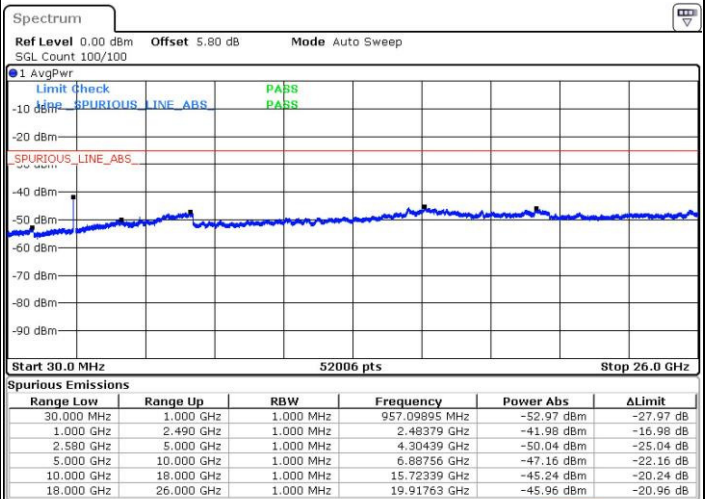
## LTE Band 7 / 20MHz

## Lowest Channel / QPSK



Date: 15 DEC 2016 23:07:09

## Lowest Channel / 16QAM

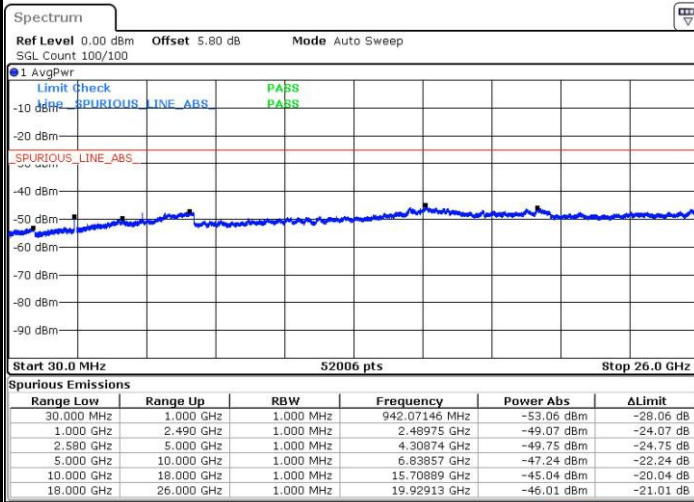


Date: 15 DEC 2016 23:08:03



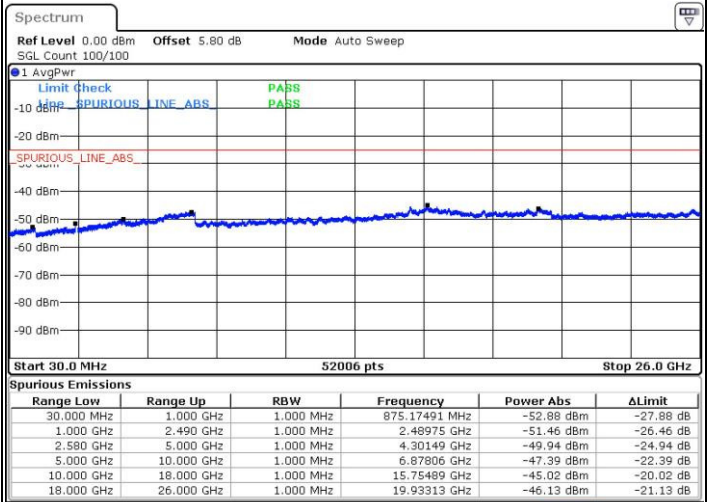
## LTE Band 7 / 20MHz

## Middle Channel / QPSK



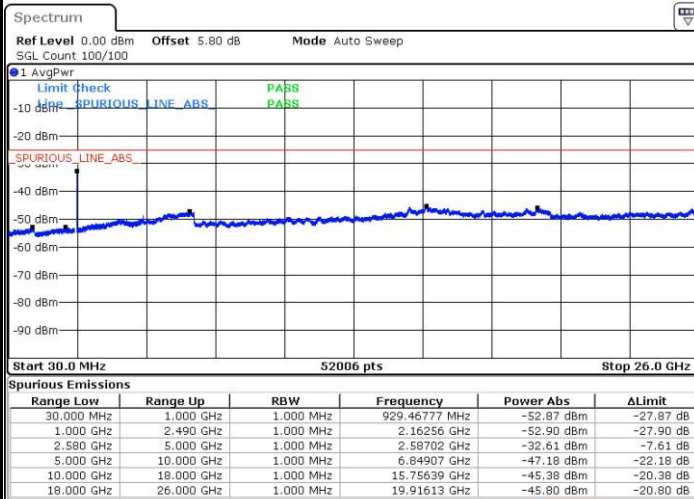
Date: 15 DEC 2016 23:09:52

## Middle Channel / 16QAM



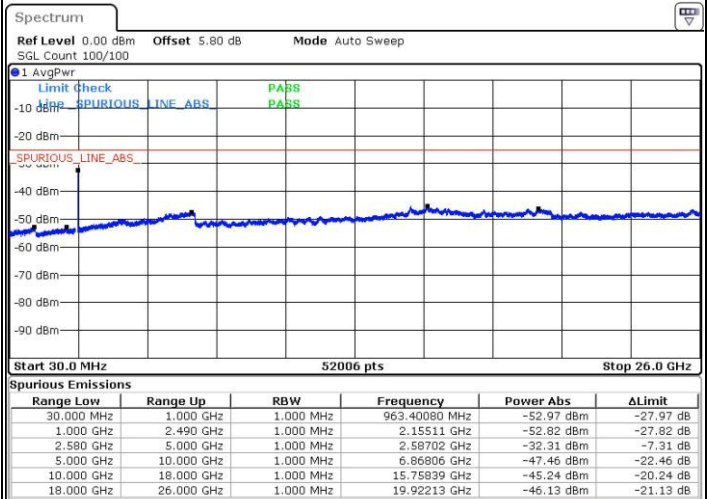
Date: 15 DEC 2016 23:08:58

## Highest Channel / QPSK



Date: 15 DEC 2016 23:10:46

## Highest Channel / 16QAM



Date: 15 DEC 2016 23:11:40

**Frequency Stability**

| Test Conditions  |                   | LTE Band 7 (QPSK) / Middle Channel | Limit   |
|------------------|-------------------|------------------------------------|---------|
| Temperature (°C) | Voltage (Volt)    | BW 10MHz                           | Note 2. |
|                  |                   | Deviation (ppm)                    | Result  |
| 50               | Normal Voltage    | 0.0012                             | PASS    |
| 40               | Normal Voltage    | 0.0000                             |         |
| 30               | Normal Voltage    | 0.0007                             |         |
| 20(Ref.)         | Normal Voltage    | 0.0000                             |         |
| 10               | Normal Voltage    | 0.0005                             |         |
| 0                | Normal Voltage    | 0.0009                             |         |
| -10              | Normal Voltage    | 0.0000                             |         |
| -20              | Normal Voltage    | 0.0002                             |         |
| -30              | Normal Voltage    | 0.0002                             |         |
| 20               | Maximum Voltage   | 0.0009                             |         |
| 20               | Normal Voltage    | 0.0000                             |         |
| 20               | Battery End Point | 0.0004                             |         |

**Note:**

1. Normal Voltage =3.8 V. ; Battery End Point (BEP) =3.4 V. ; Maximum Voltage =4.35 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



## Appendix B. Test Results of Radiated Test

### Radiated Spurious Emission

| LTE Band 7 / 20MHz / QPSK / RB Size 1 Offset 0 |                      |                 |                  |                         |                         |                          |                            |                             |                       |
|------------------------------------------------|----------------------|-----------------|------------------|-------------------------|-------------------------|--------------------------|----------------------------|-----------------------------|-----------------------|
| Channel                                        | Frequency<br>( MHz ) | EIRP<br>( dBm ) | Limit<br>( dBm ) | Over<br>Limit<br>( dB ) | SPA<br>Reading<br>(dBm) | S.G.<br>Power<br>( dBm ) | TX Cable<br>loss<br>( dB ) | TX Antenna<br>Gain<br>(dBi) | Polarization<br>(H/V) |
| Middle                                         | 5052                 | -65.11          | -25              | -40.11                  | -74.33                  | -71.67                   | 2.41                       | 8.97                        | H                     |
|                                                | 7576                 | -53.65          | -25              | -28.65                  | -67.35                  | -62.65                   | 2.86                       | 11.86                       | H                     |
|                                                | 10107                | -57.87          | -25              | -32.87                  | -76.22                  | -66.77                   | 3.21                       | 12.11                       | H                     |
|                                                | 5052                 | -63.90          | -25              | -38.90                  | -72.61                  | -70.46                   | 2.41                       | 8.97                        | V                     |
|                                                | 7576                 | -53.15          | -25              | -28.15                  | -67.78                  | -62.15                   | 2.86                       | 11.86                       | V                     |
|                                                | 10107                | -57.50          | -25              | -32.50                  | -76.9                   | -66.40                   | 3.21                       | 12.11                       | V                     |

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.



## **Appendix D. Product Equality Declaration**

**Lenovo Mobile Communication Technology Ltd.**  
**No.999, Qishan North 2nd Road, Information & Optoelectronics Park, Torch Hi-tech**  
**Industry Development Zone, Xiamen, P.R.China**  
**Tel: 86-10-58866181; Fax: 86-10-56720293**

**Date: January 13, 2017**

## **Product Equality Declaration**

We, Lenovo Mobile Communication Technology Ltd., declare on our sole responsibility for the product of **Dante-LATAM SKU** as below:

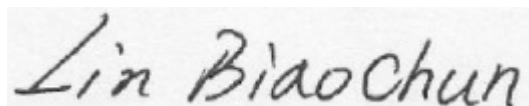
The differences between **Dante-LATAM SKU** and previous as below:

| Object           | 1 <sup>st</sup> Source spec |          | 2 <sup>nd</sup> Source spec                                        |            |
|------------------|-----------------------------|----------|--------------------------------------------------------------------|------------|
|                  | Specifications              | Supplier | Specifications                                                     | Supplier   |
| Battery          | GK40                        | Amperex  | GK40                                                               | SUNWODA    |
| Sim Card         | Dual Sims and Single Sim    | N/A      | Only Single Sim                                                    | N/A        |
| Band7 Duplexer   | B39272B8674P810             | EPCOS    | SAYEY2G53BA0F0AR05                                                 | Murata     |
| Band28A Duplexer | B8538                       | EPCOS    | SAYEY718MBC0F0A                                                    | Murata     |
| Band28B Duplexer | B8539                       | EPCOS    | SAYEY733MBC0F0A                                                    | Murata     |
| USB Cable        | L25W-051000100AL            | Liqi     | F25W-051000100A                                                    | Fukangyuan |
| Charger          | C-P36 (EU)<br>C-P35 (US)    | Acbel    | SSW-2919EU C-P36 SPN5944A (EU)<br>SSW-2919UMTJ C-P35 SPN5945A (US) | Salom      |

Except above, the others are all the same.

Should you have any questions or comments regarding this matter, please have my best attention.

Sincerely yours,



Contact Person: Lin Biaochun  
COMPANY: Motorola Mobility LLC.  
Tel:86- 18150396560  
E-Mail: Linbc@lenovo.com



## **Appendix E. Original Report**

Please refer to Sporton report number FG693004B which is issued separately.