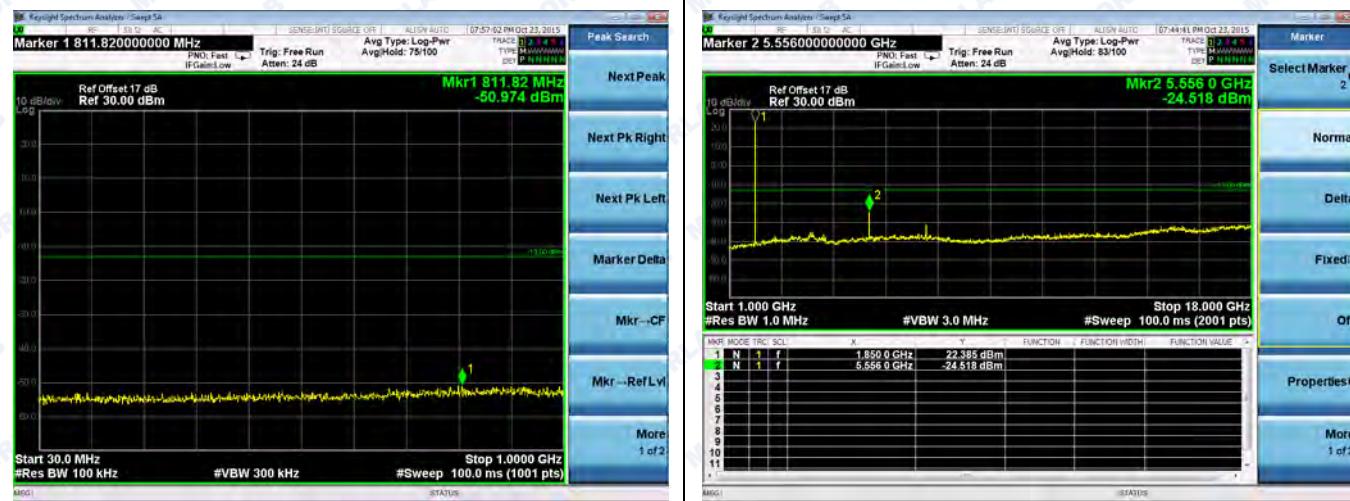




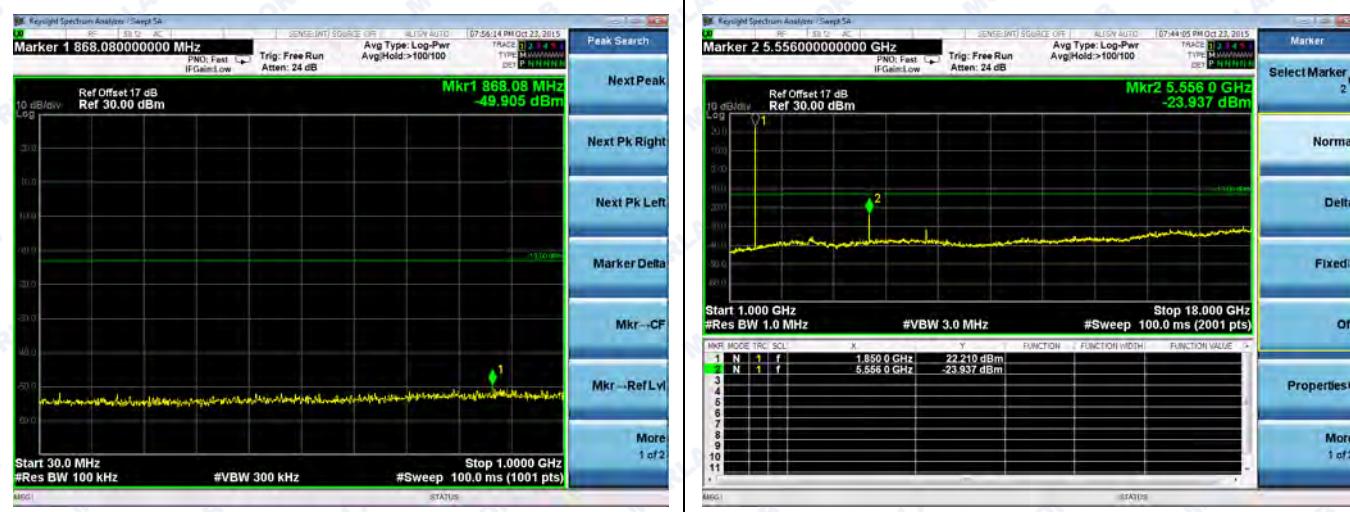
REPORT No.: SZ15100009W02

## LTE Band 2 3MHz BW Low Channel

## QPSK



## 16QAM



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Block67, BaoAn District, ShenZhen , GuangDong Province, P. R. ChinaTel: 86-755-36698555  
Http://www.morlab.comFax: 86-755-36698525  
E-mail: service@morlab.cn



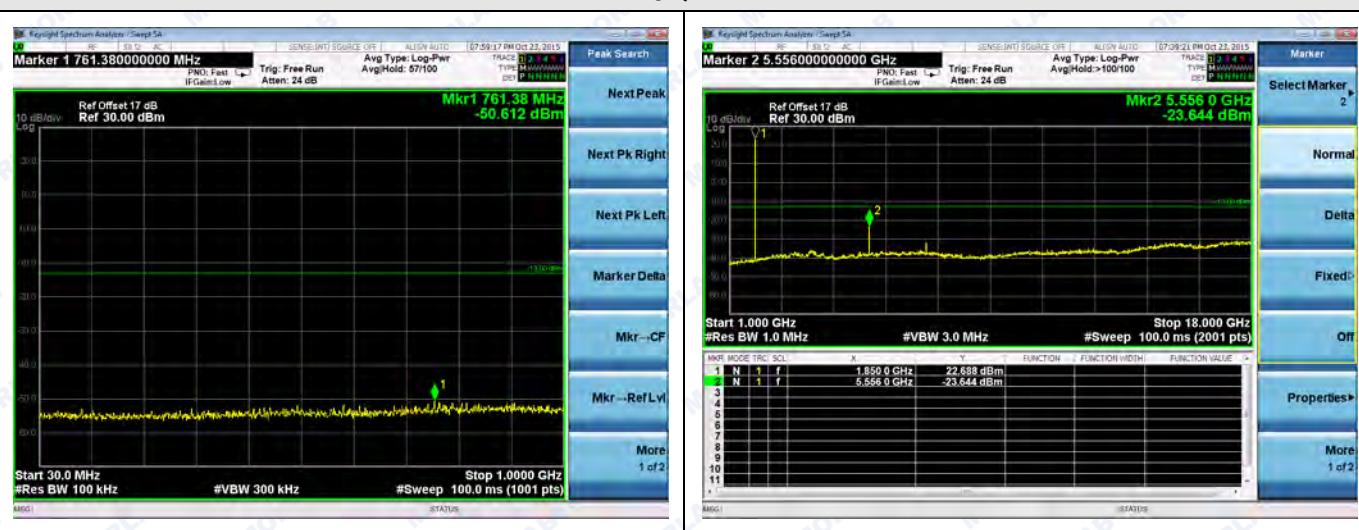
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## LTE Band 2 5MHz BW Low Channel

## QPSK



## 16QAM





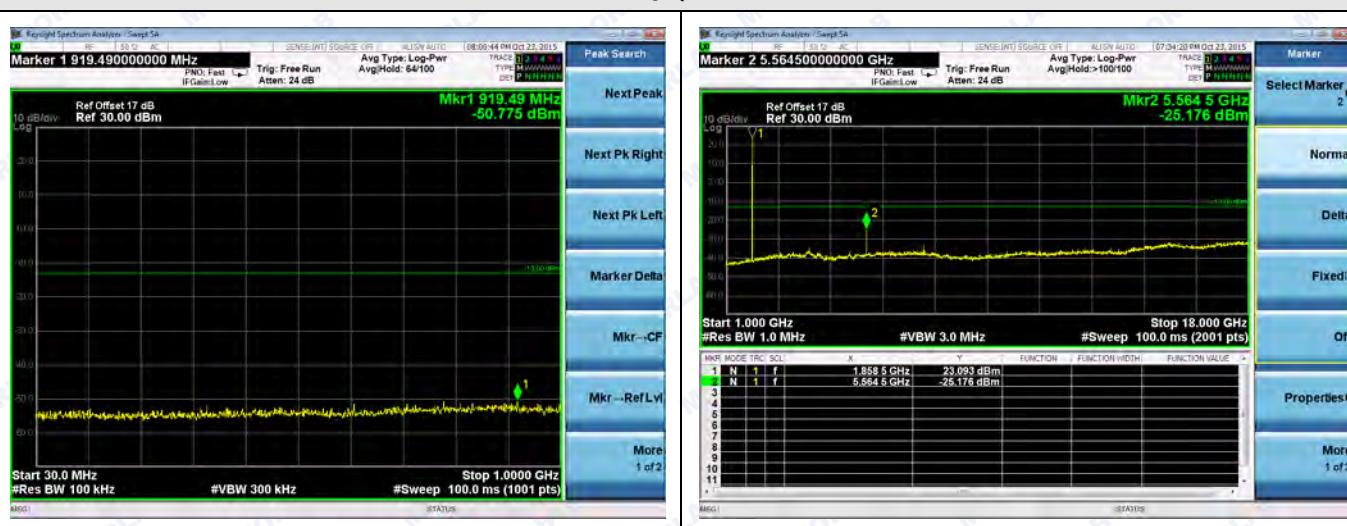
REPORT No.: SZ15100009W02

## LTE Band 2 10MHz BW Low Channel

## QPSK



## 16QAM





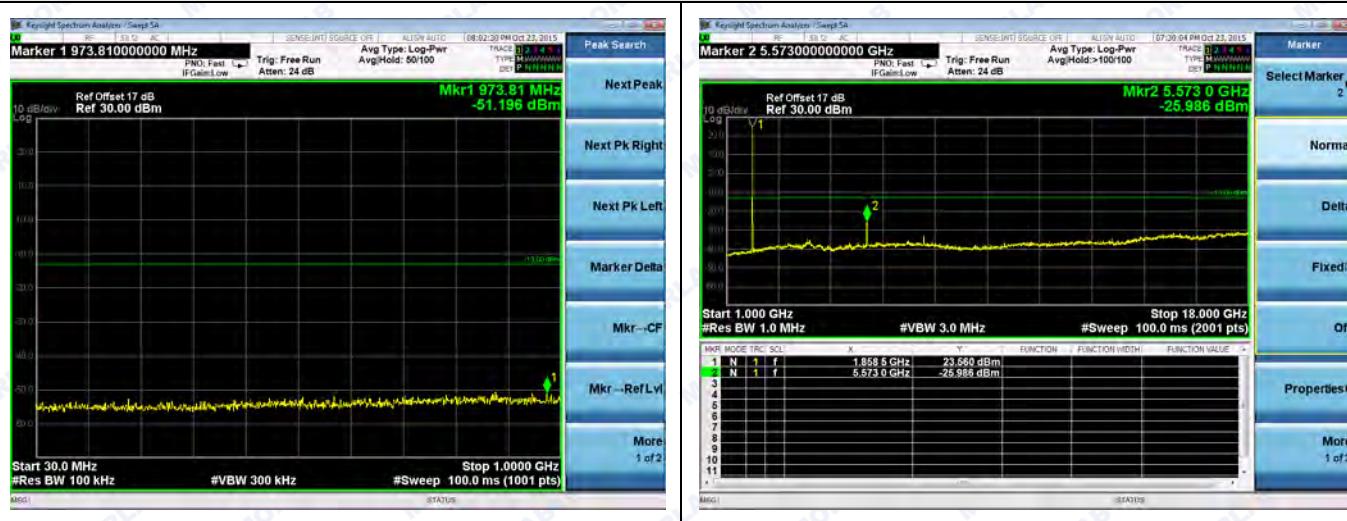
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## LTE Band 2 15MHz BW Low Channel

## QPSK



## 16QAM

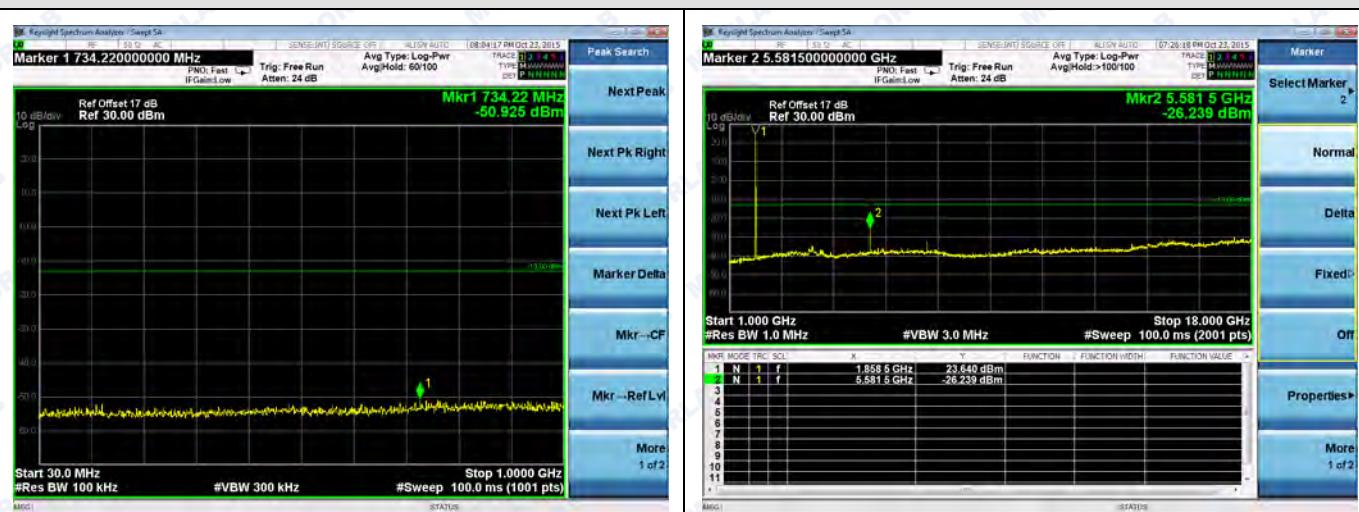




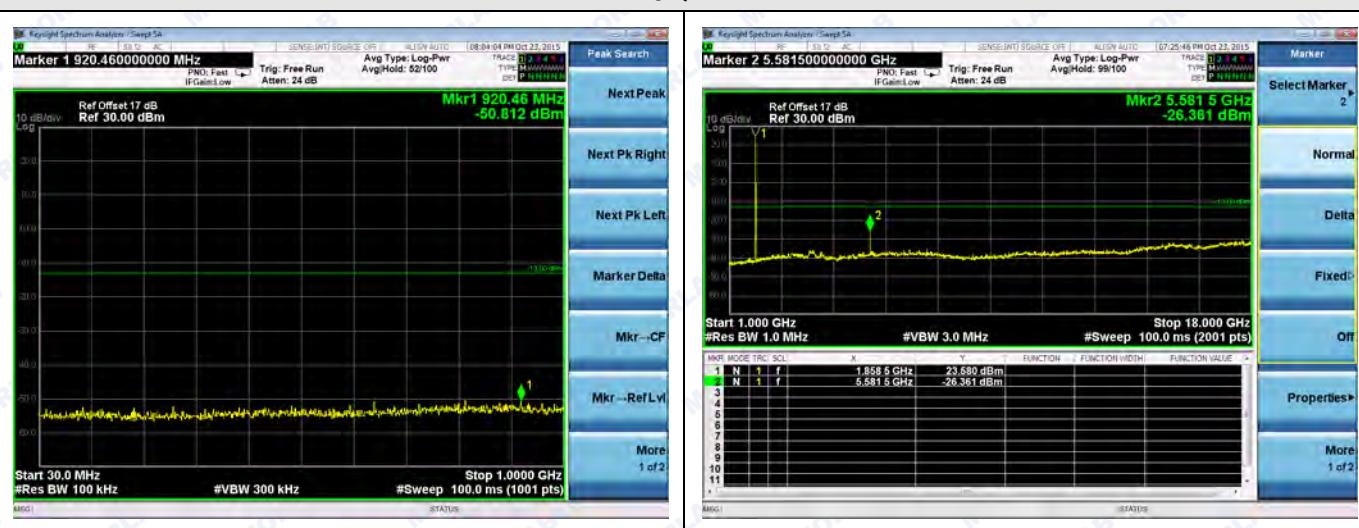
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## LTE Band 2 20MHz BW Low Channel

## QPSK



## 16QAM



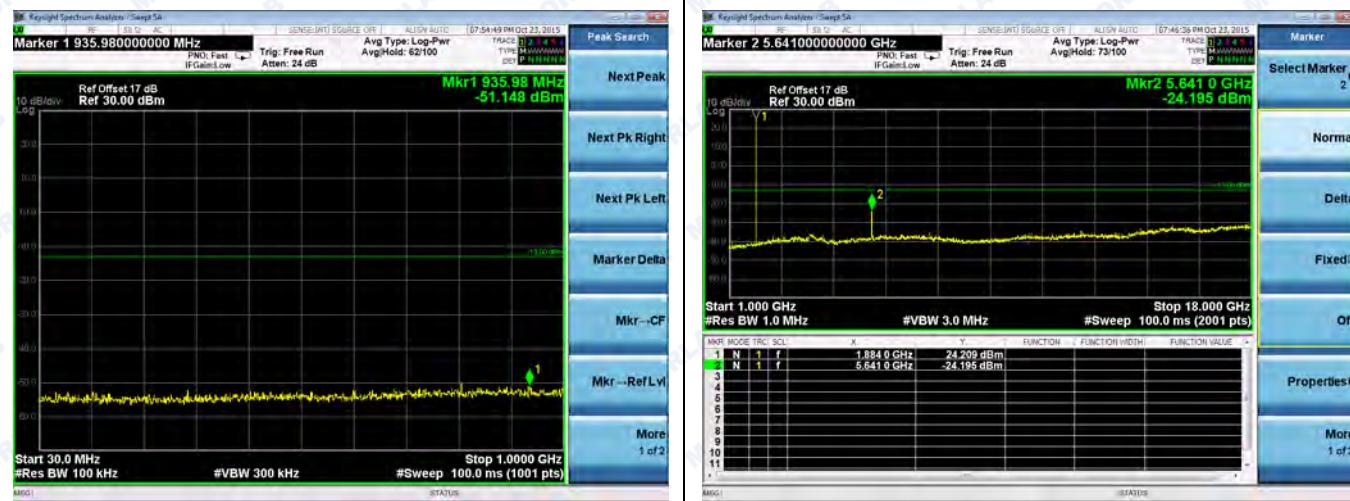


REPORT No.: SZ15100009W02

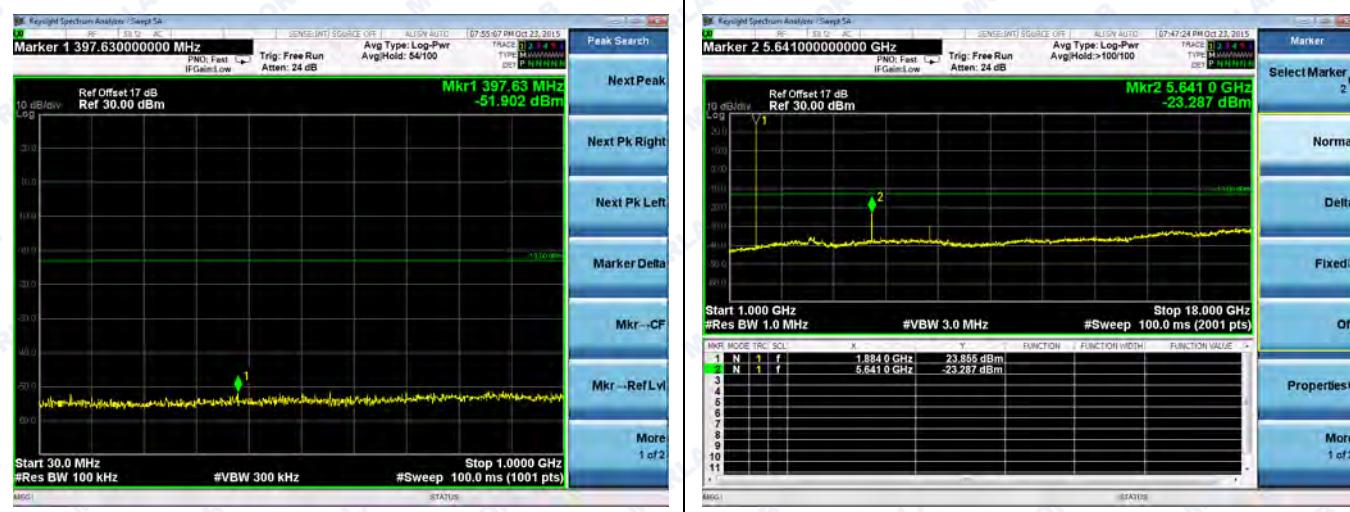
## Middle channel:

## LTE Band 2 1.4MHz BW Mid Channel

## QPSK



## 16QAM

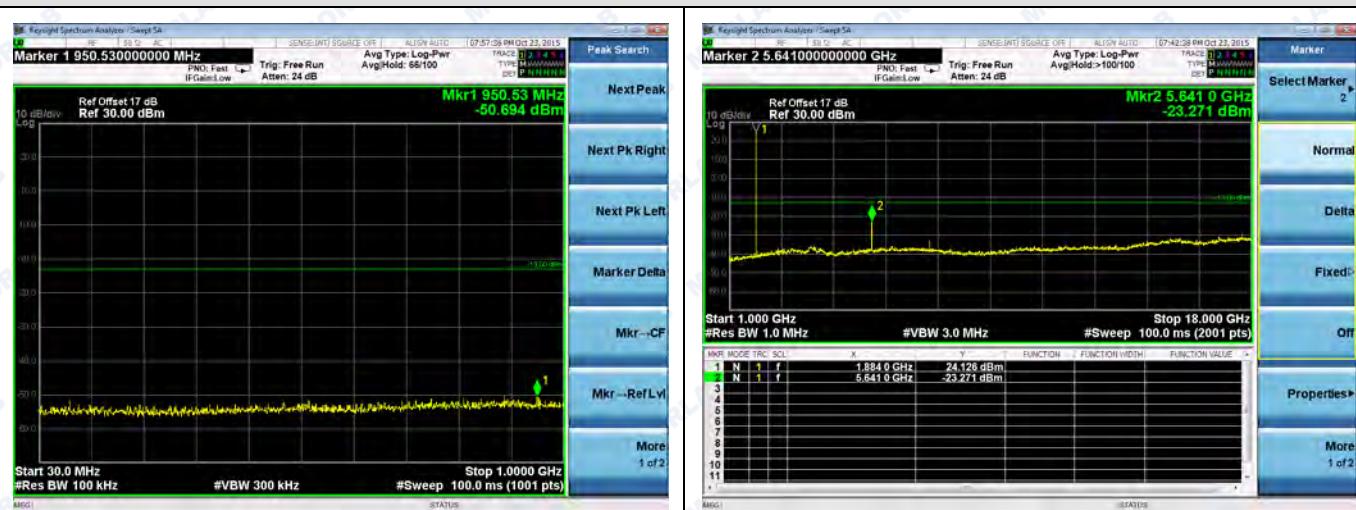




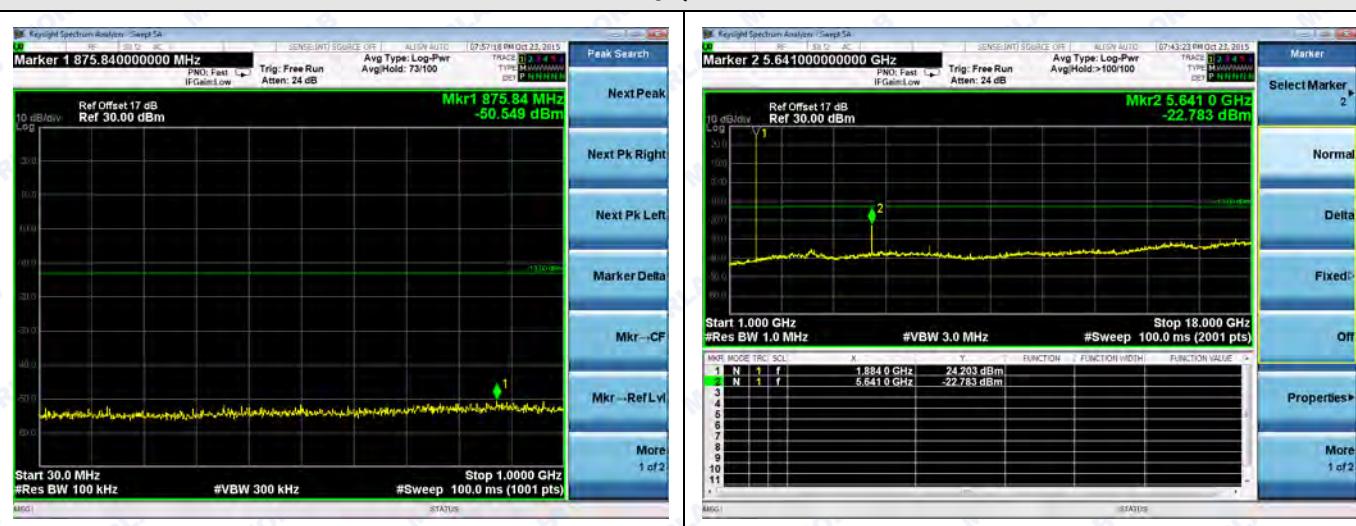
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## LTE Band 2 3MHz BW Mid Channel

## QPSK



## 16QAM

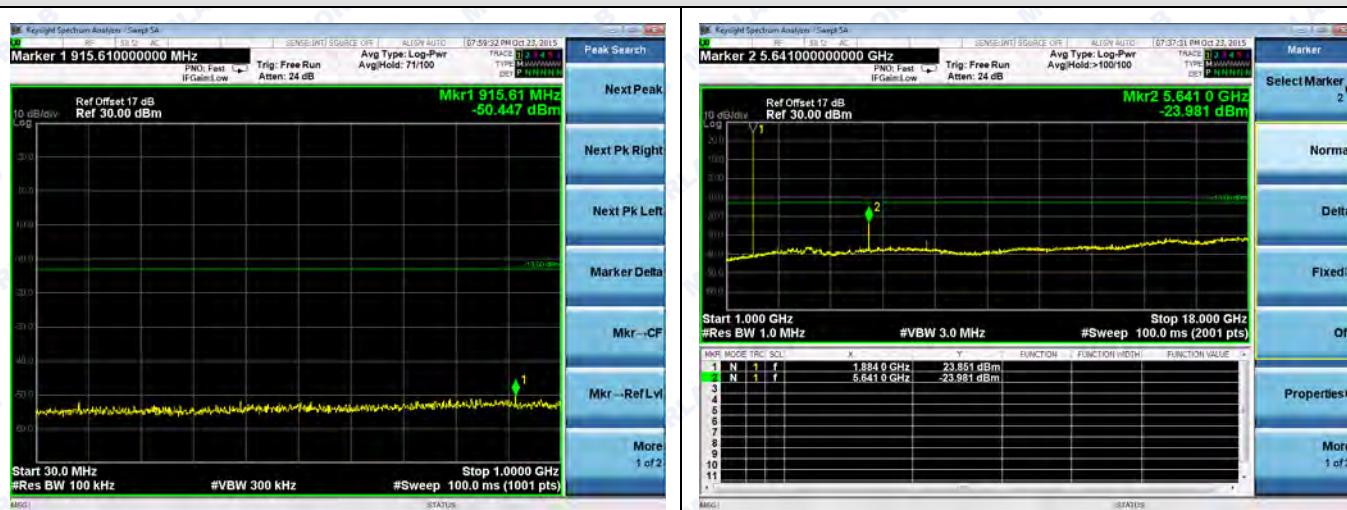




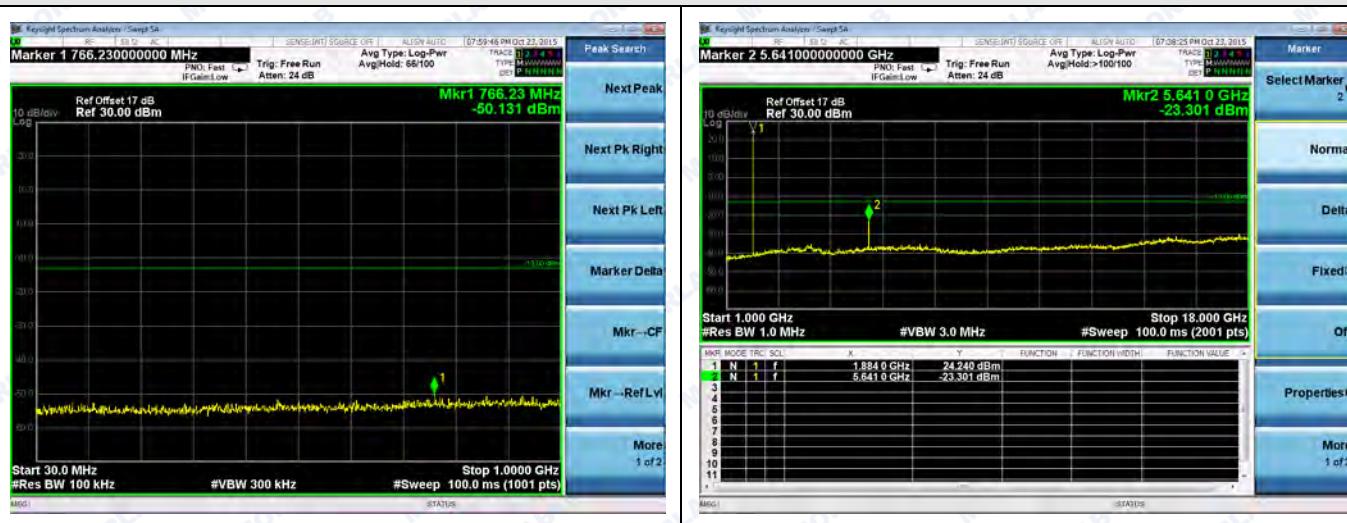
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## LTE Band 2 5MHz BW Mid Channel

## QPSK



## 16QAM

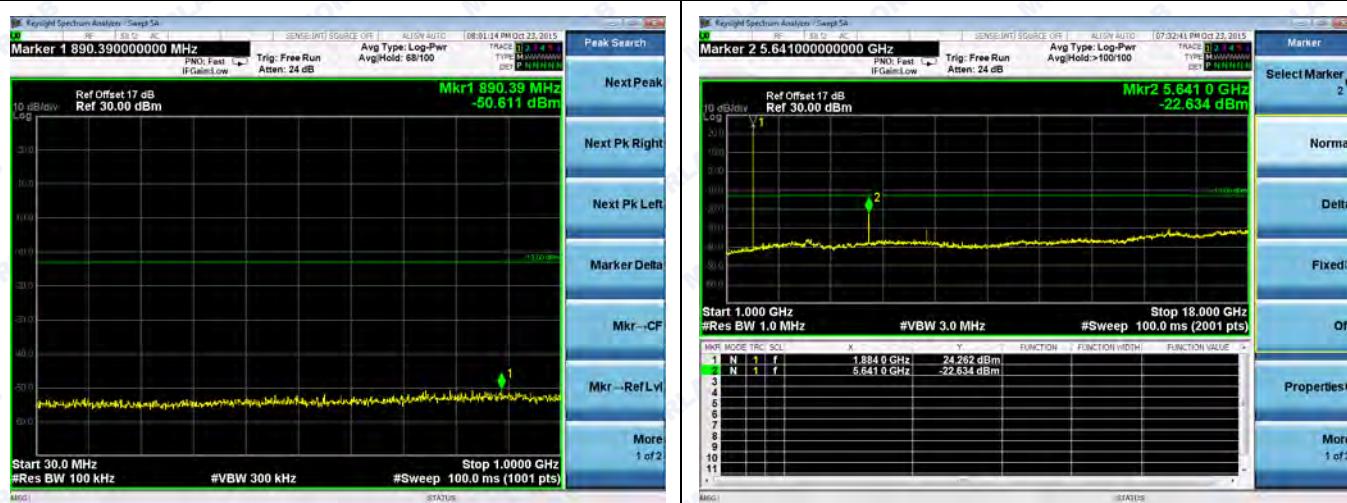




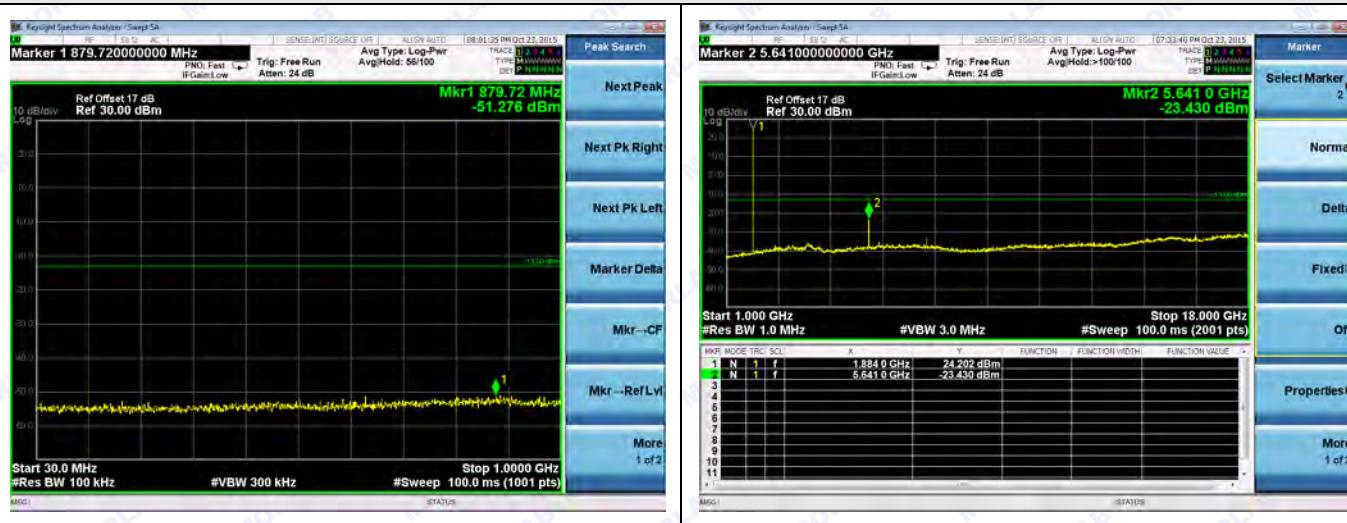
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## LTE Band 2 10MHz BW Mid Channel

## QPSK



## 16QAM

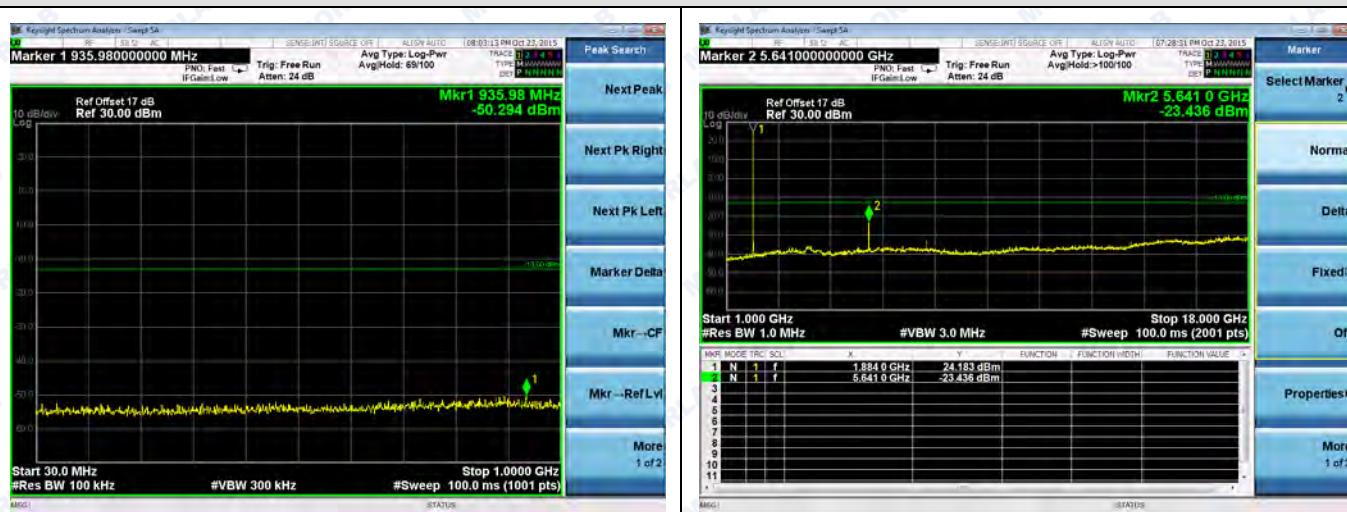




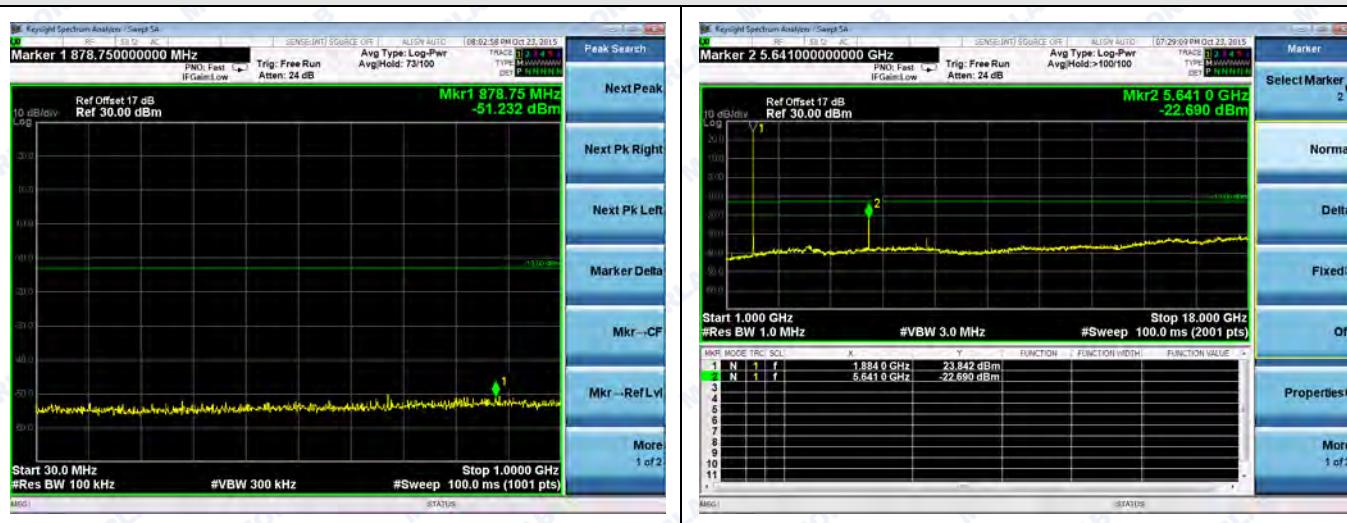
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## LTE Band 2 15MHz BW Mid Channel

## QPSK



## 16QAM

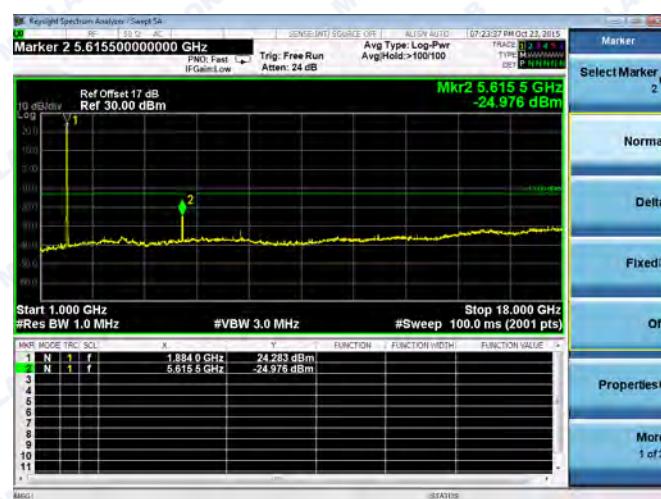




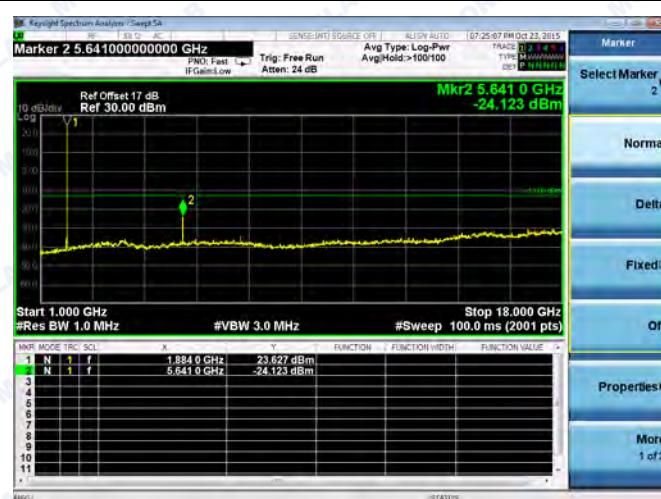
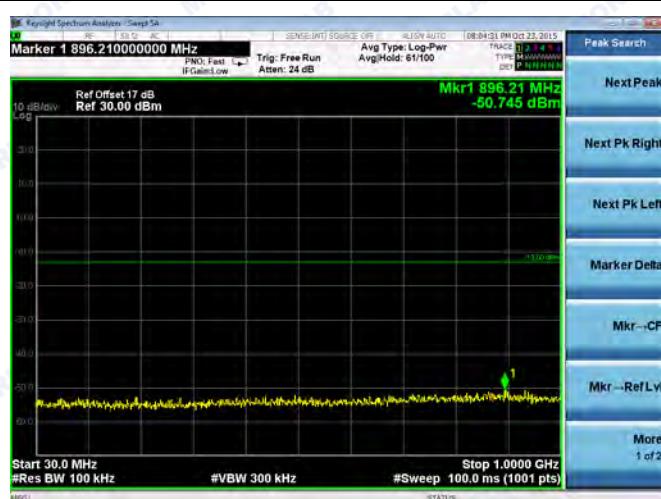
REPORT No.: SZ15100009W02

## LTE Band 2 20MHz BW Mid Channel

## QPSK



## 16QAM

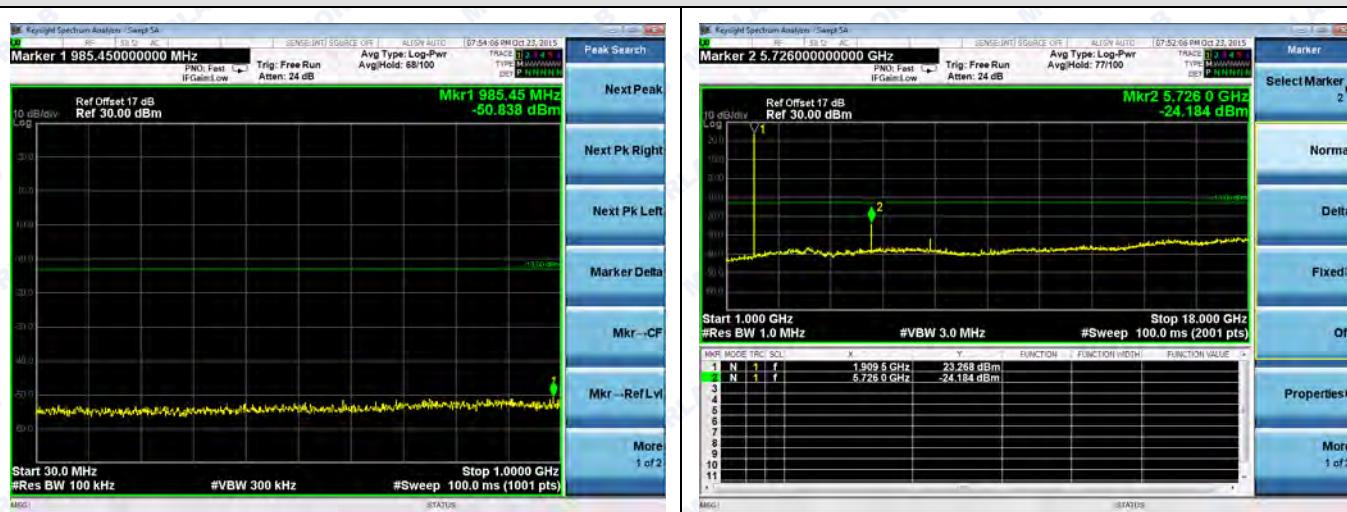




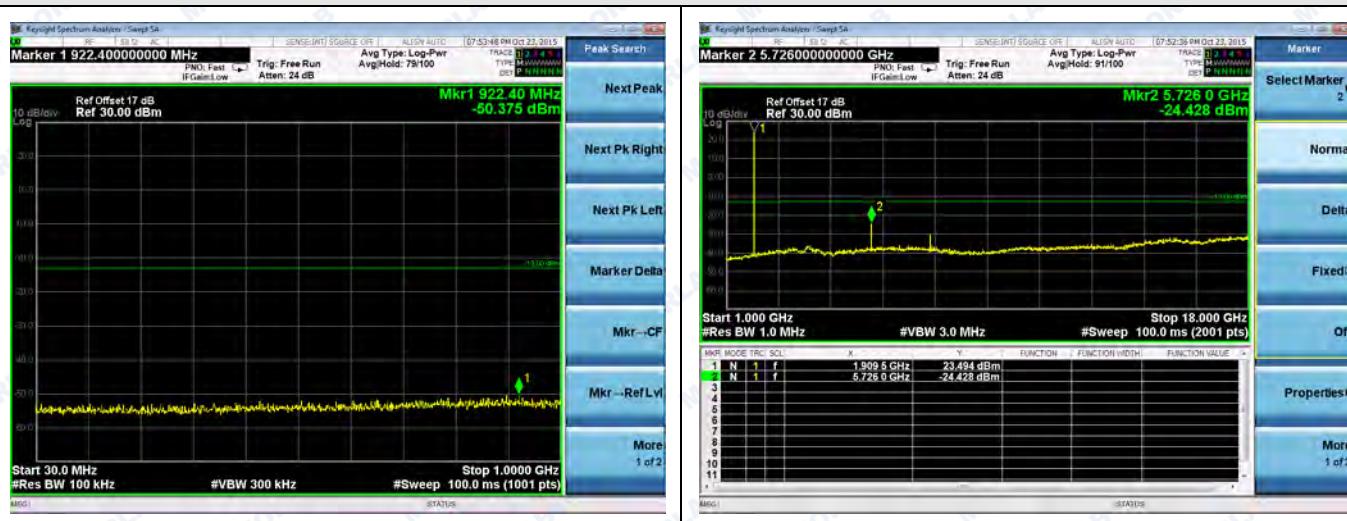
REPORT No.: SZ15100009W02

## LTE Band 2 1.4MHz BW High Channel

## QPSK



## 16QAM

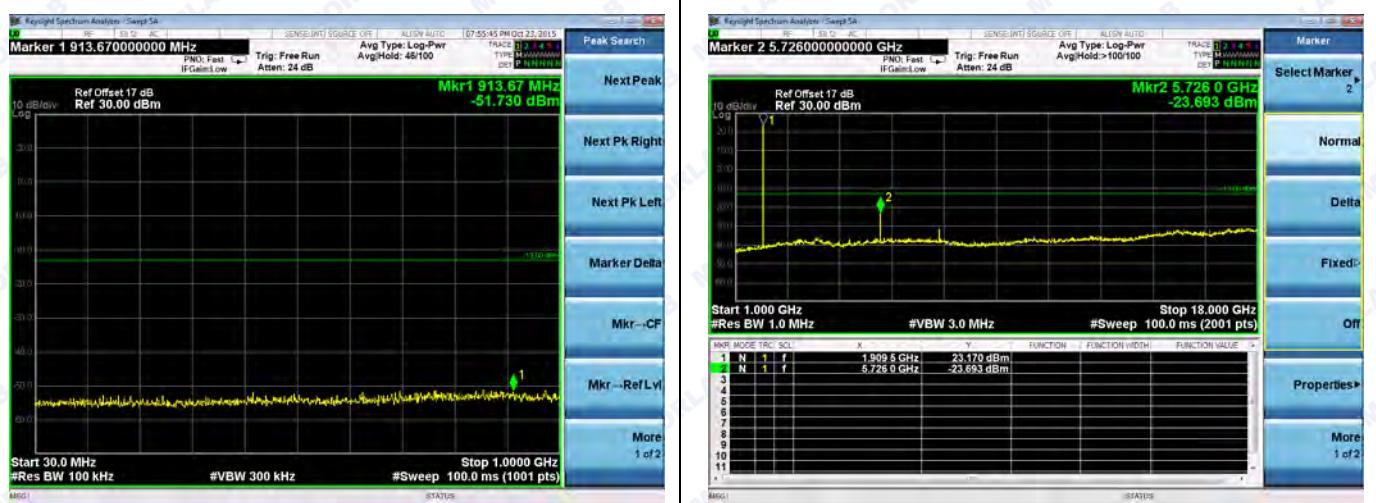




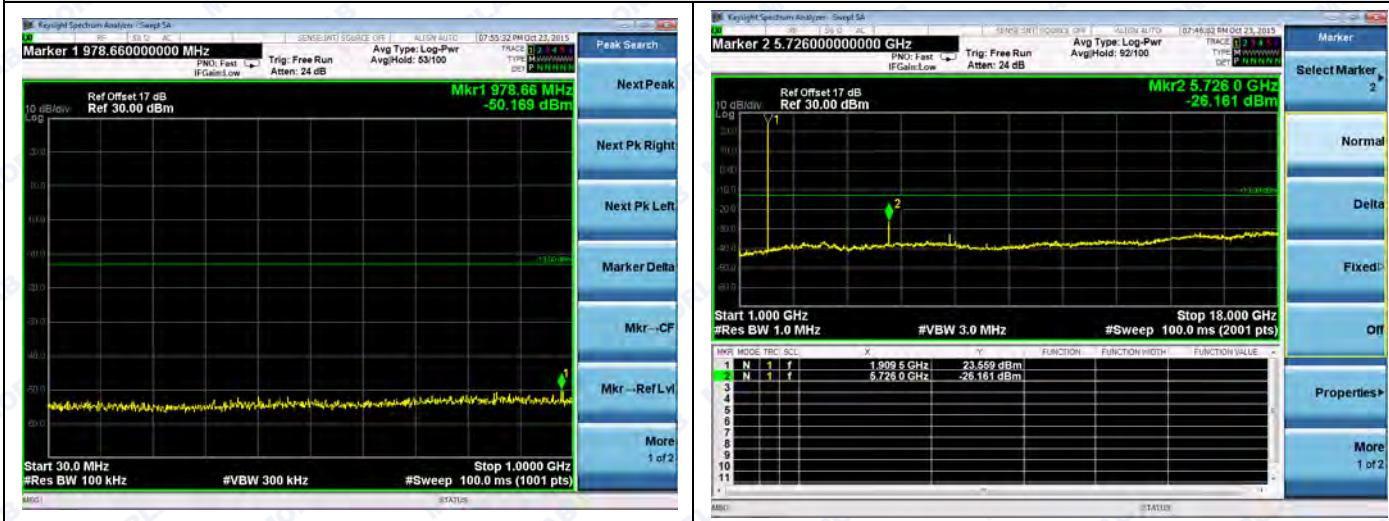
REPORT No.: SZ15100009W02

## LTE Band 2 3MHz BW High Channel

## QPSK



## 16QAM

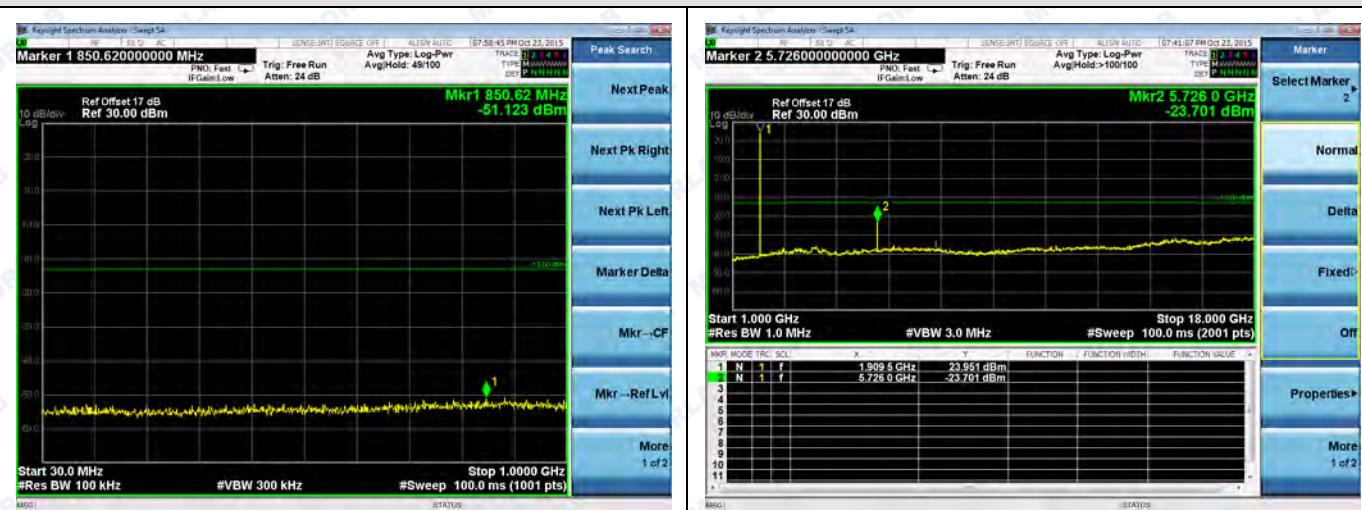




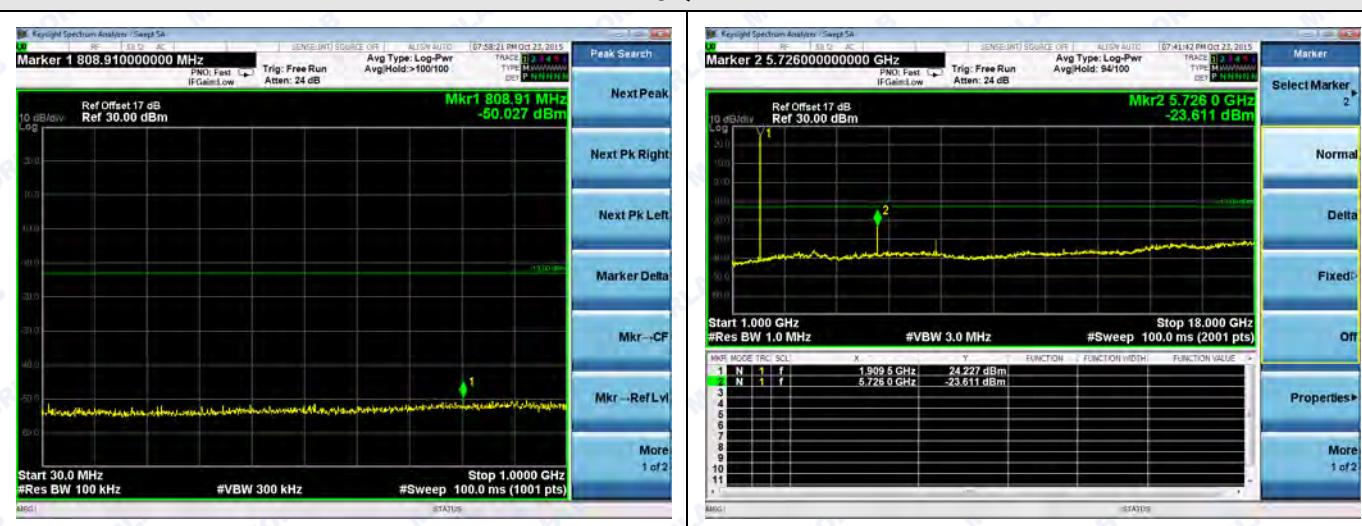
REPORT No.: SZ15100009W02

## LTE Band 2 5MHz BW High Channel

## QPSK



## 16QAM

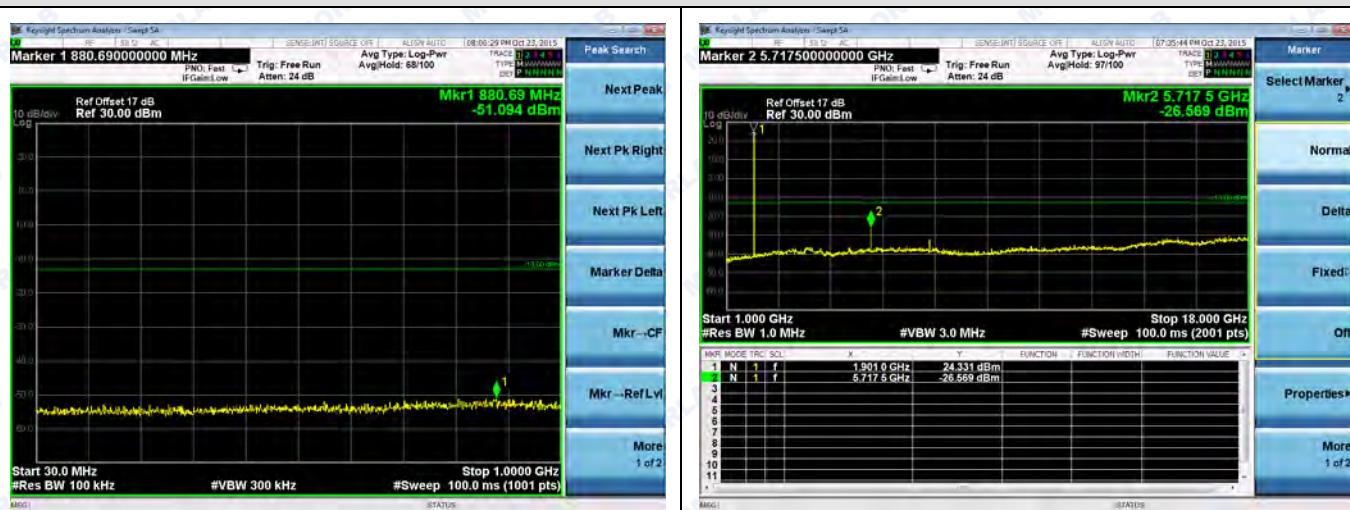




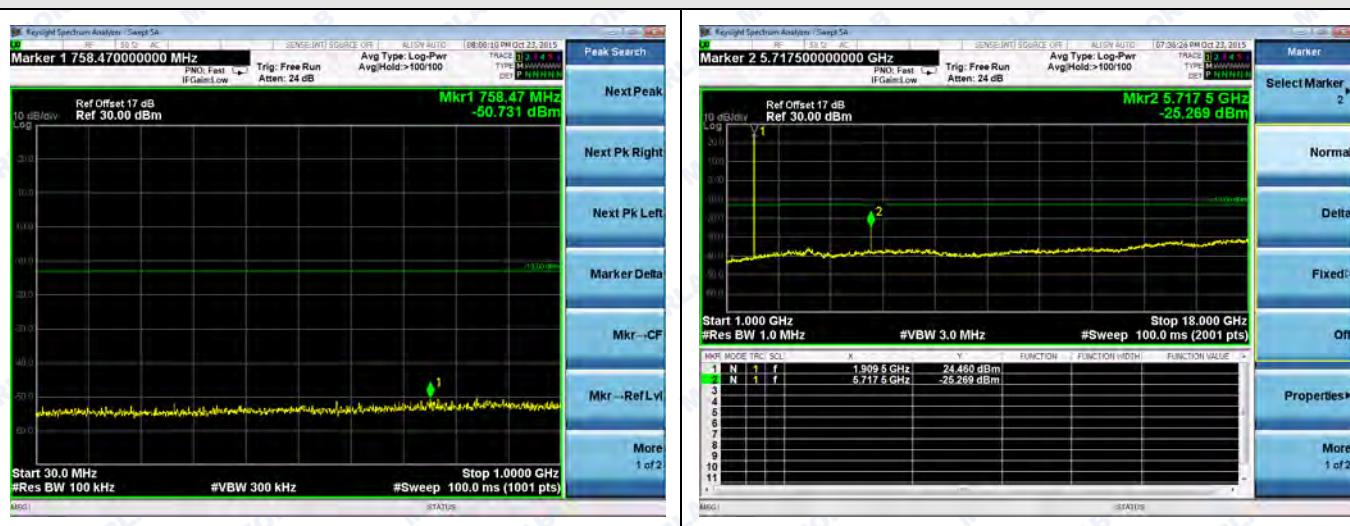
REPORT No.: SZ15100009W02

## LTE Band 2 10MHz BW High Channel

## QPSK



## 16QAM





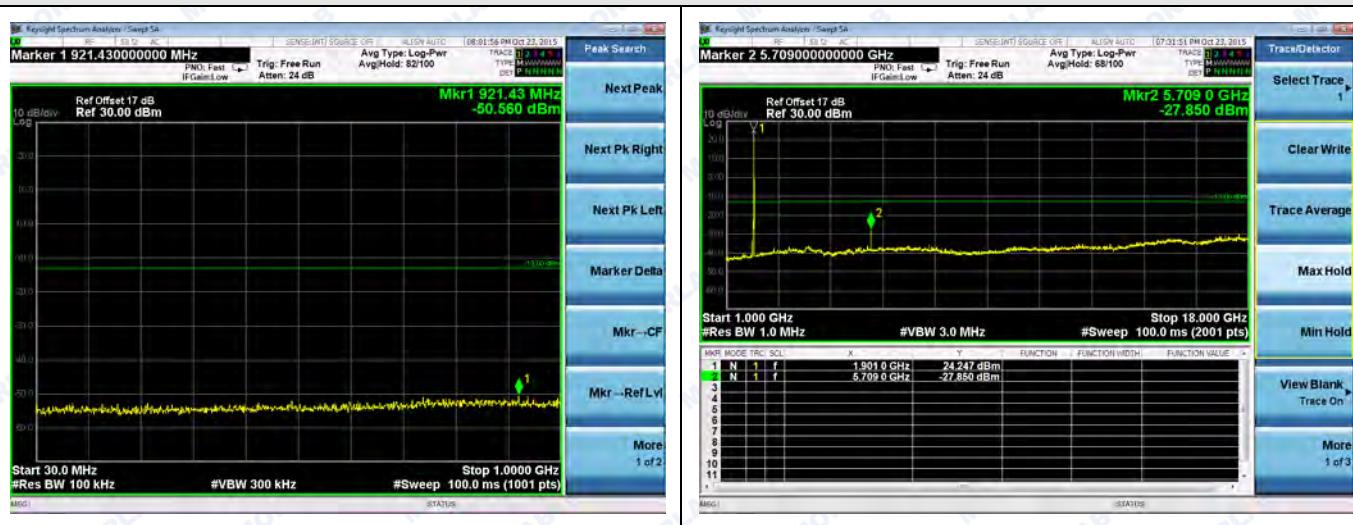
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## LTE Band 2 15MHz BW High Channel

## QPSK



## 16QAM





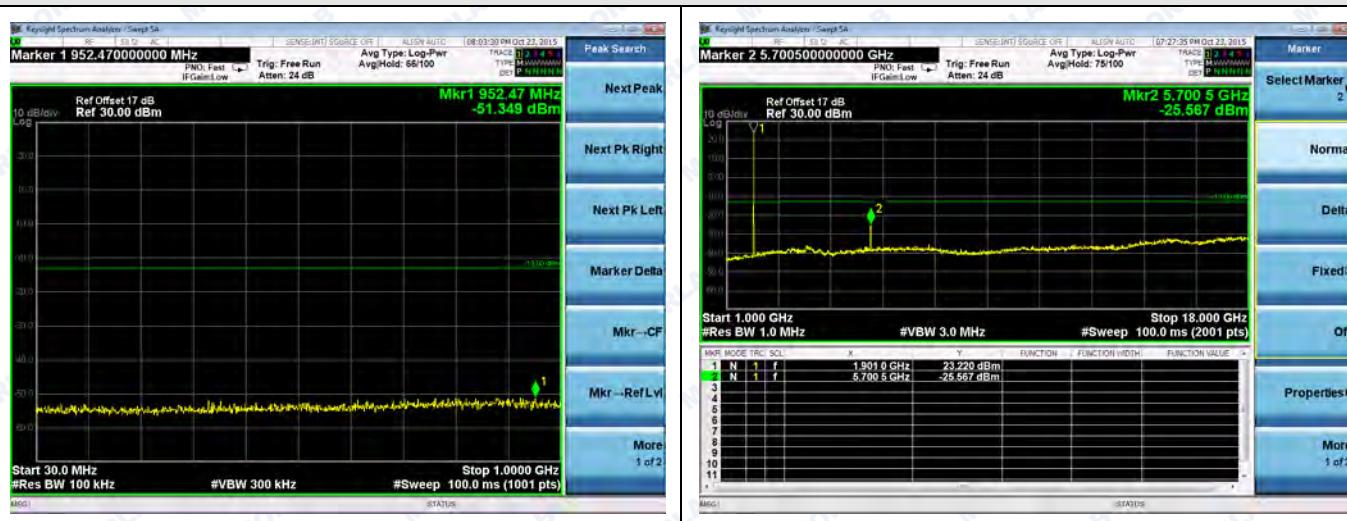
REPORT No.: SZ15100009W02

## LTE Band 2 20MHz BW High Channel

## QPSK



## 16QAM





REPORT No.: SZ15100009W02

## LTE Band 5 1.4MHz BW Low Channel

## QPSK



## 16QAM





REPORT No.: SZ15100009W02

## LTE Band 5 3MHz BW Low Channel

## QPSK



## 16QAM

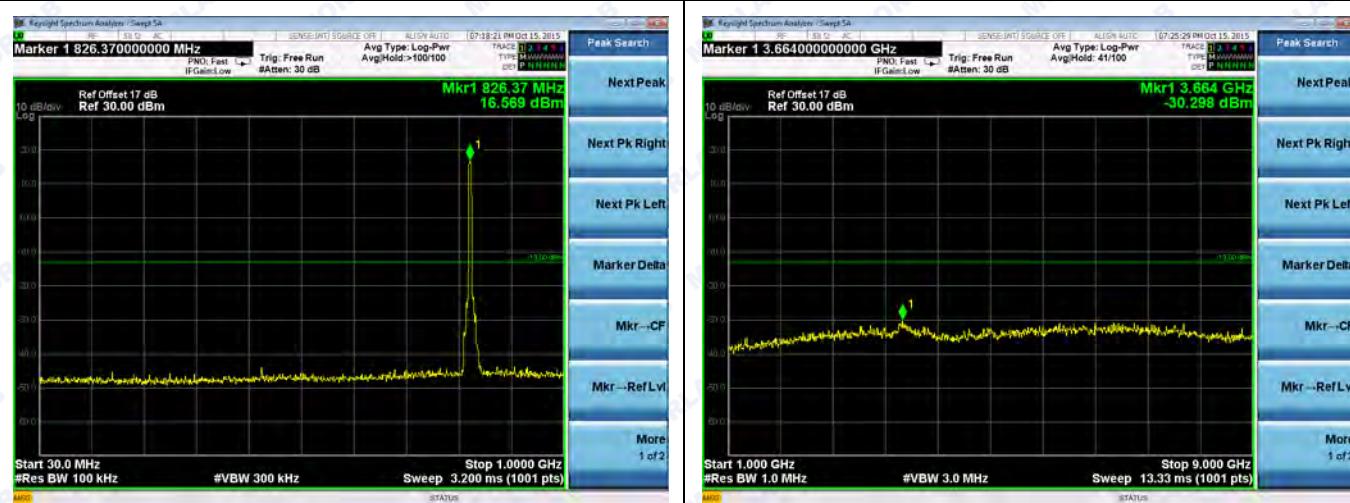




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## LTE Band 5 5MHz BW Low Channel

## QPSK



## 16QAM

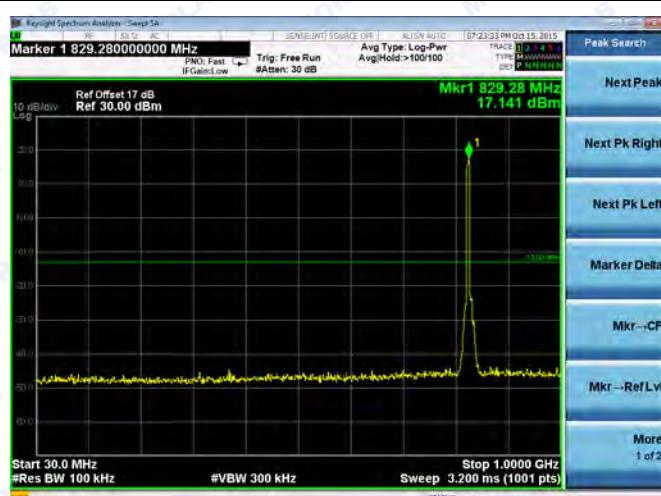




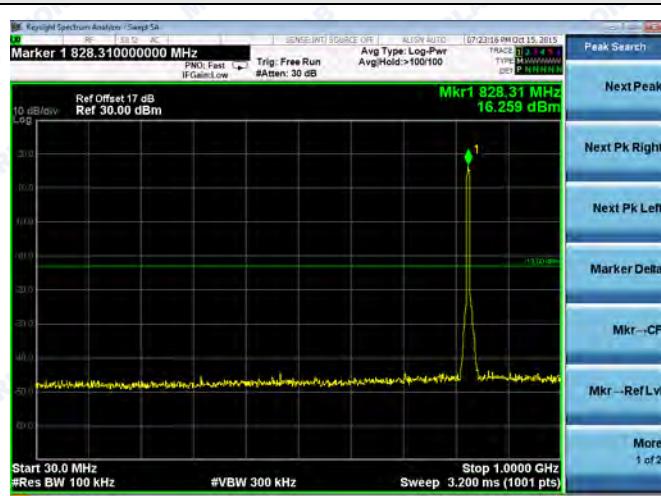
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## LTE Band 5 10MHz BW Low Channel

## QPSK



## 16QAM



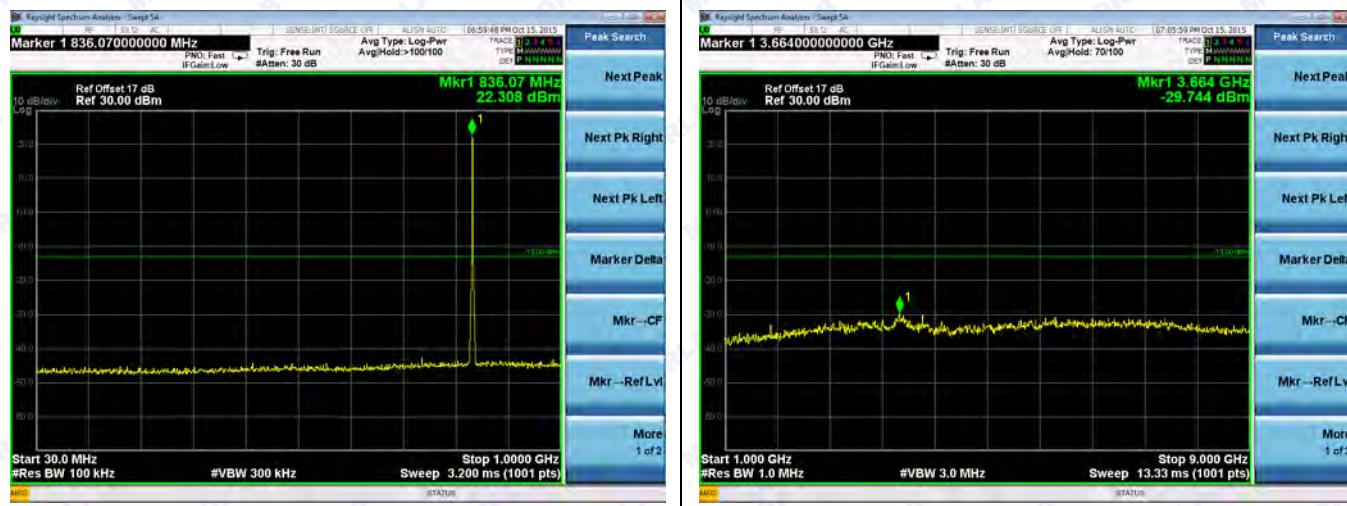


REPORT No.: SZ15100009W02

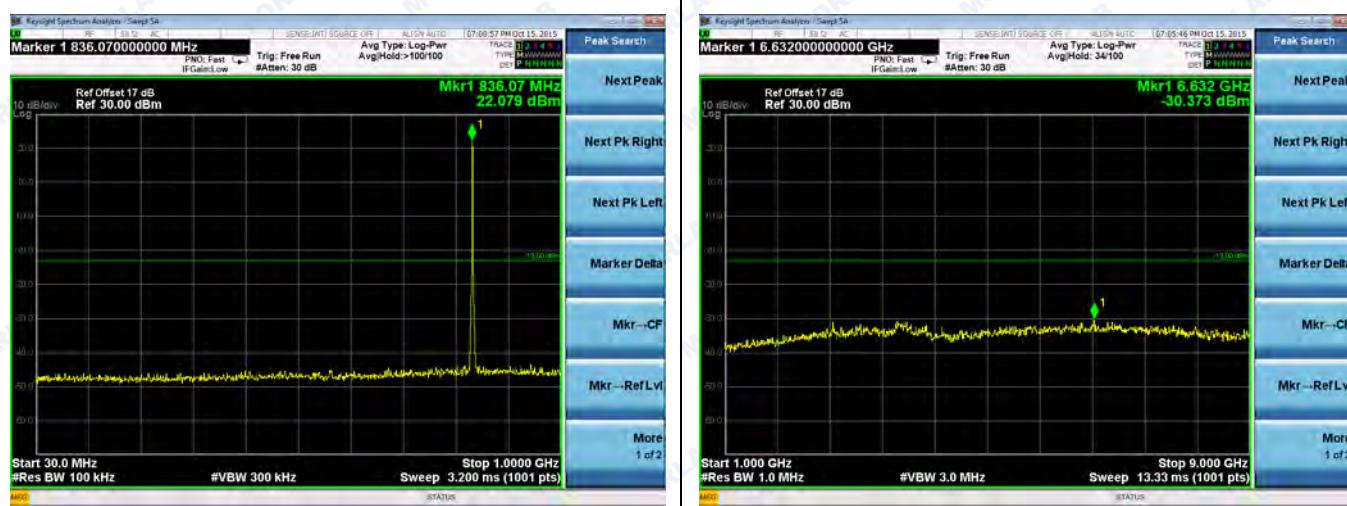
## Middle channel:

## LTE Band 5 1.4MHz BW Mid Channel

## QPSK



## 16QAM



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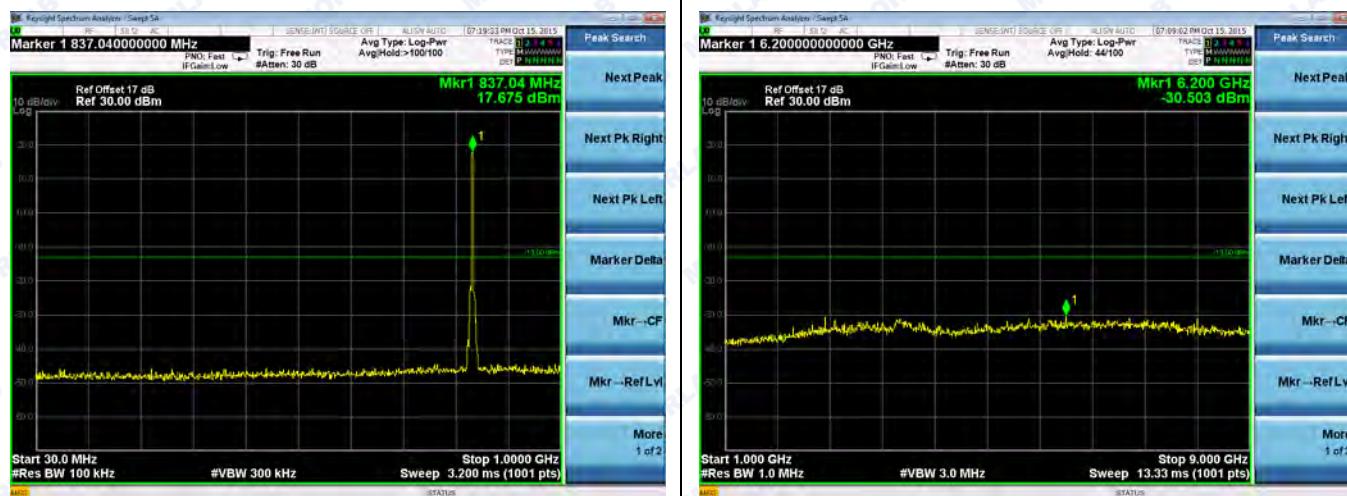
FL1-3, Building A, FeiYang Science Park, No.8 LongChang Road,  
Block67, BaoAn District, ShenZhen , GuangDong Province, P. R. ChinaTel: 86-755-36698555  
Http://www.morlab.comFax: 86-755-36698525  
E-mail: service@morlab.cn



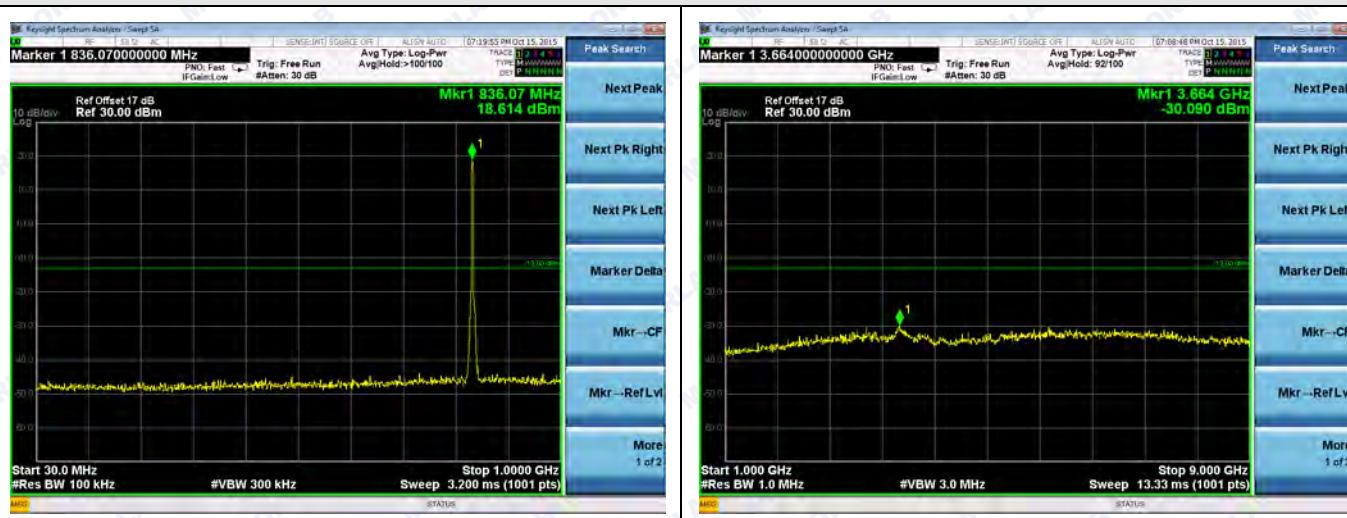
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## LTE Band 5 3MHz BW Mid Channel

## QPSK



## 16QAM

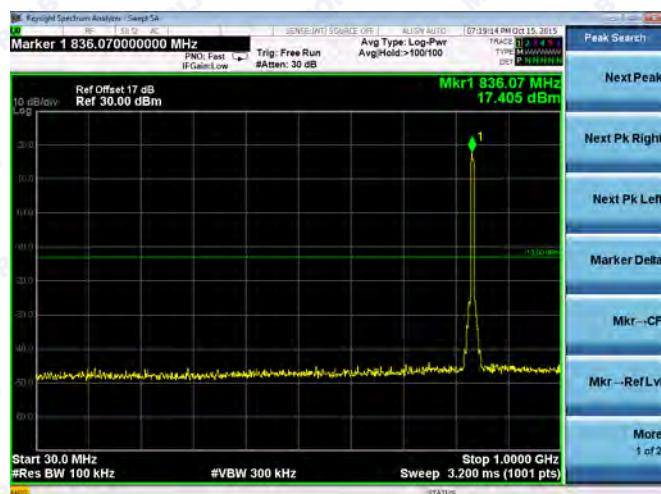




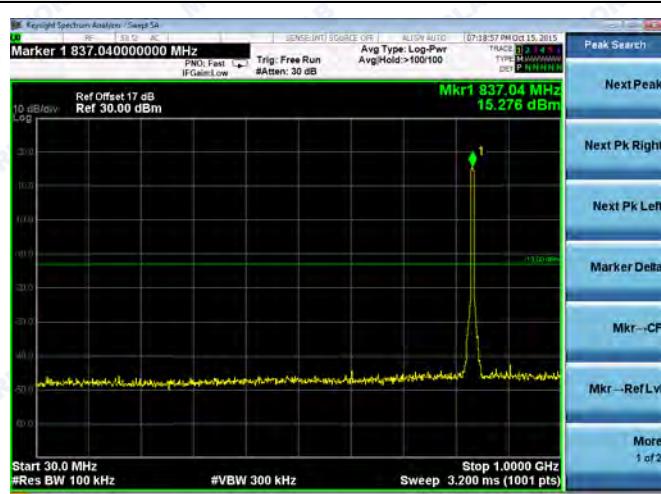
REPORT No.: SZ15100009W02

## LTE Band 5 5MHz BW Mid Channel

## QPSK



## 16QAM

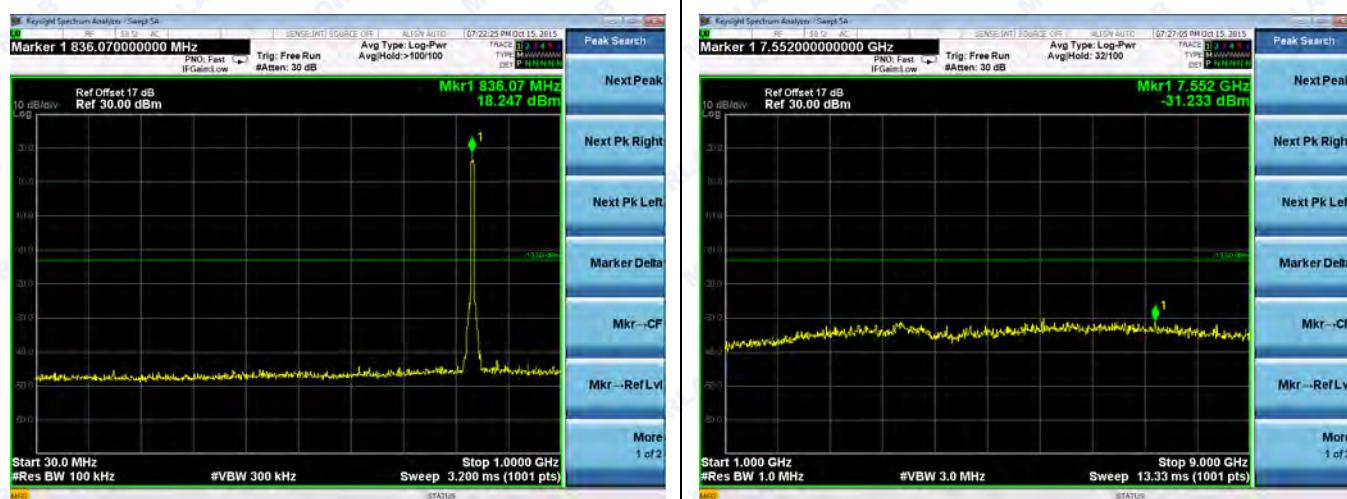




REPORT No.: SZ15100009W02

## LTE Band 5 10MHz BW Mid Channel

## QPSK



## 16QAM

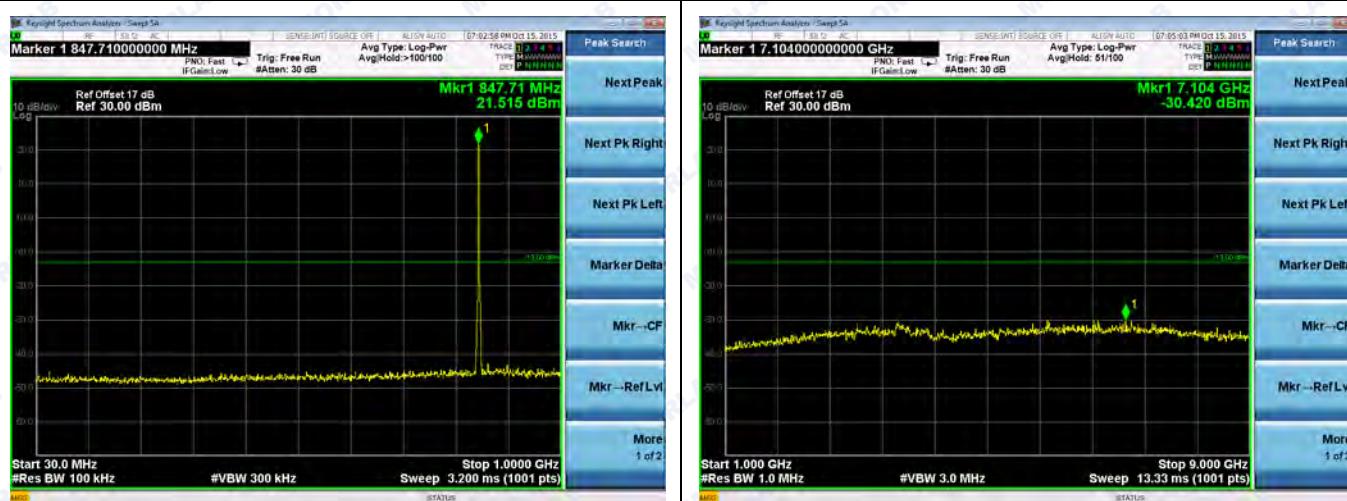




REPORT No.: SZ15100009W02

## LTE Band 5 1.4MHz BW High Channel

## QPSK



## 16QAM





REPORT No.: SZ15100009W02

## LTE Band 5 3MHz BW High Channel

## QPSK



## 16QAM

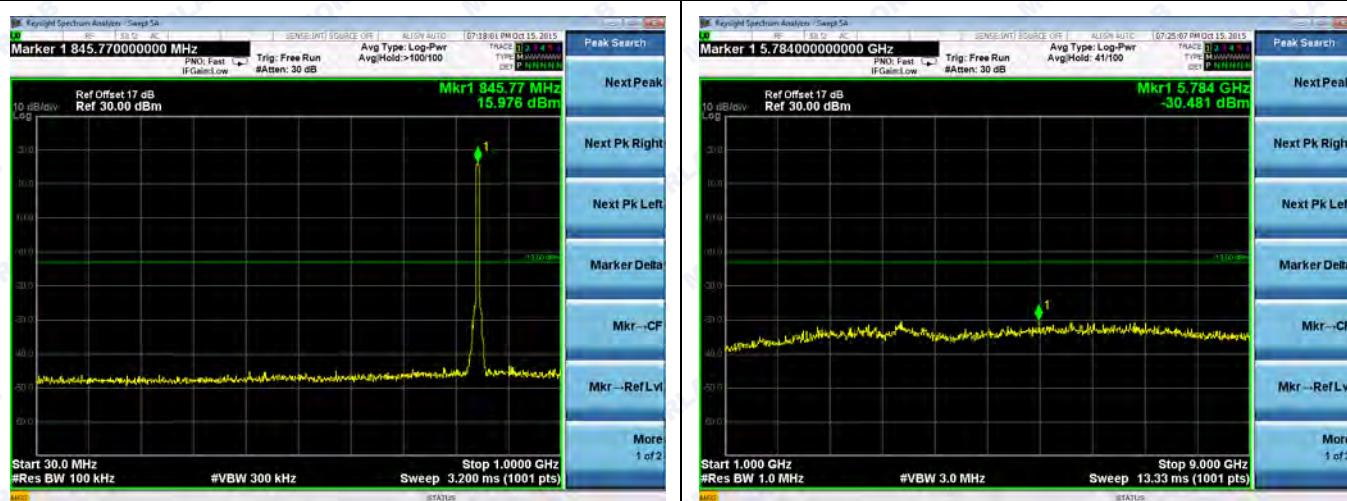




REPORT No.: SZ15100009W02

## LTE Band 5 5MHz BW High Channel

## QPSK



## 16QAM

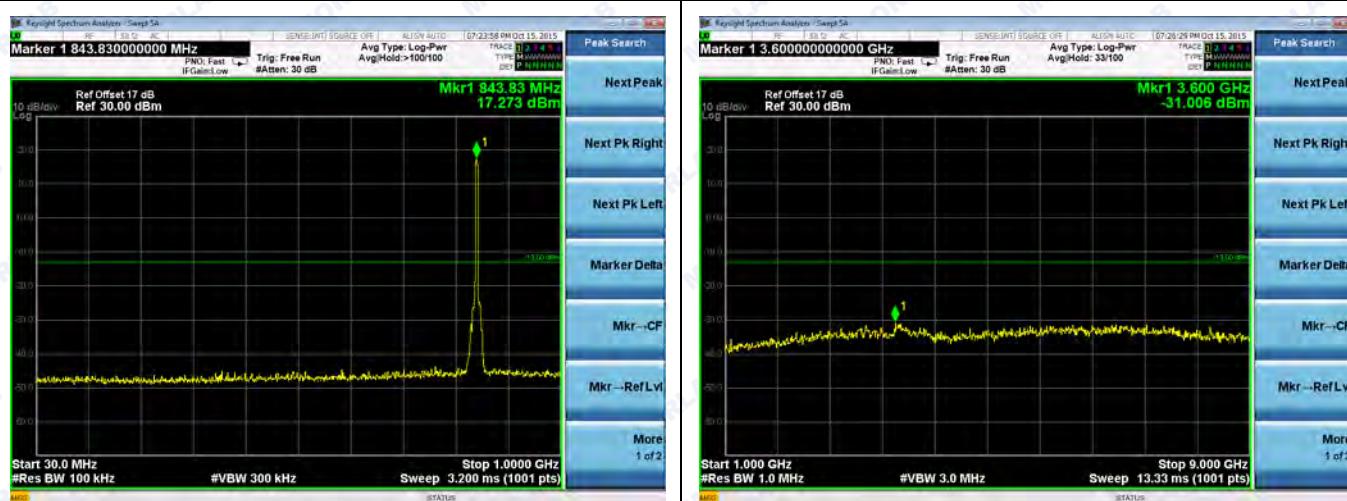




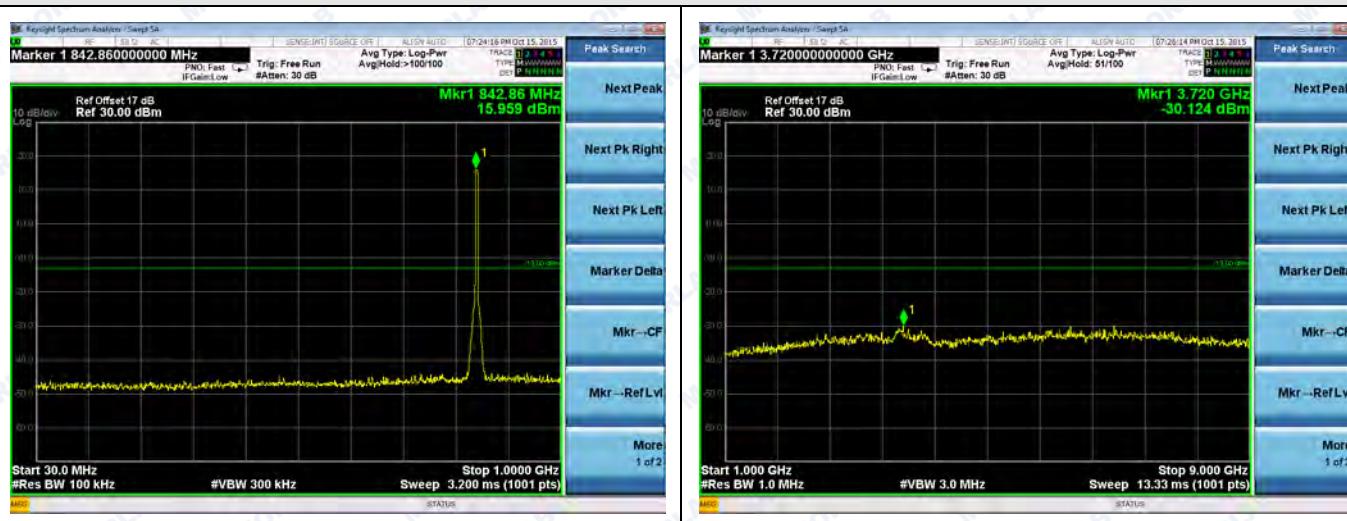
REPORT No.: SZ15100009W02

## LTE Band 5 10MHz BW High Channel

## QPSK



## 16QAM





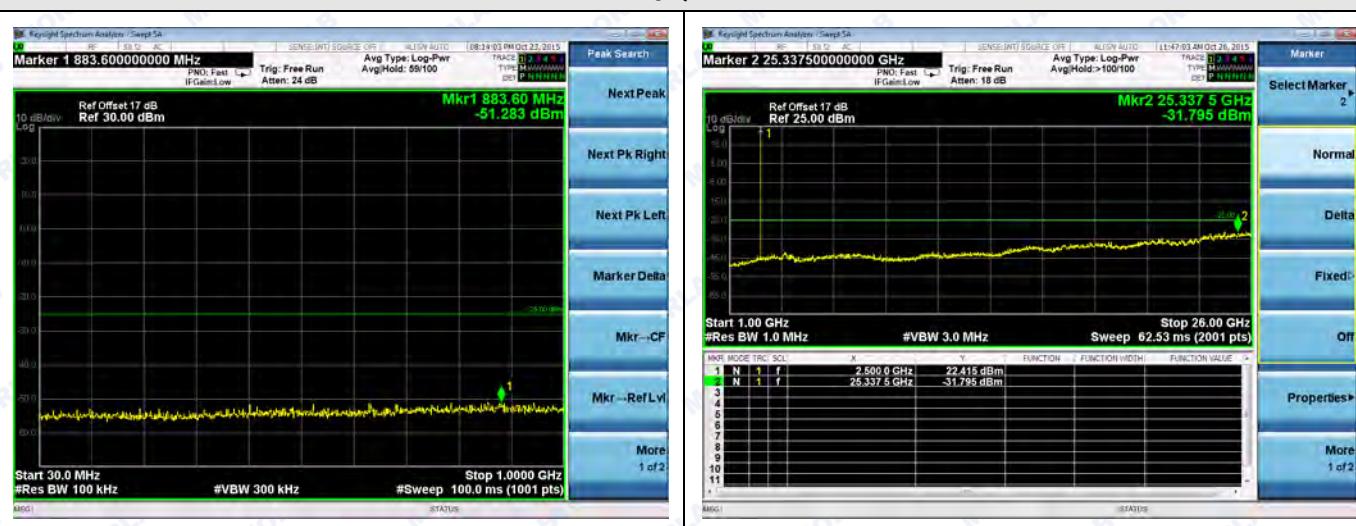
REPORT No.: SZ15100009W02

## LTE Band 7 5MHz BW Low Channel

## QPSK



## 16QAM

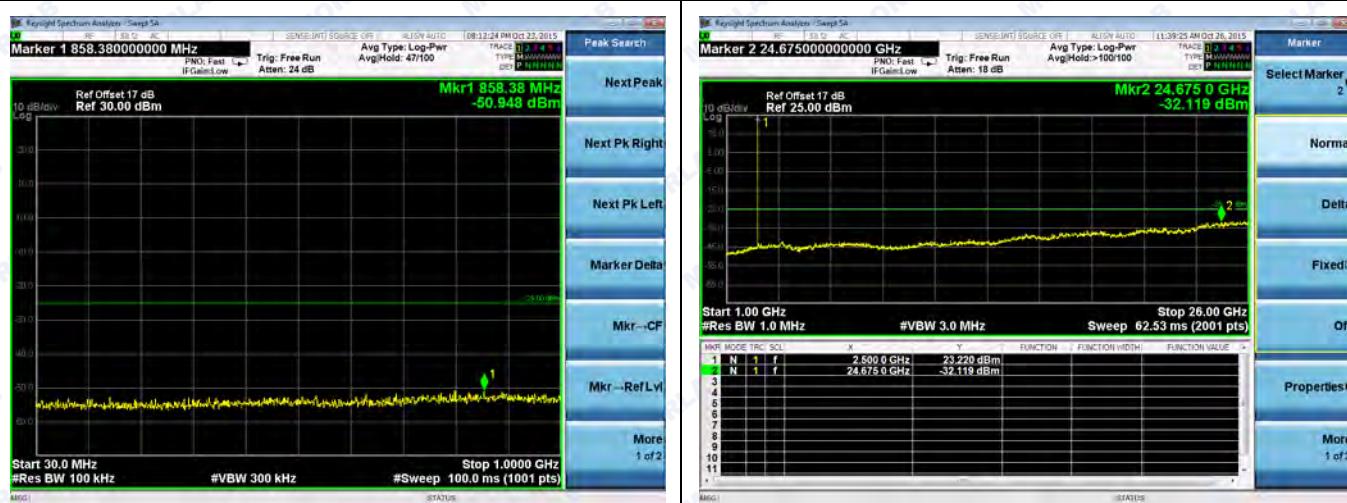




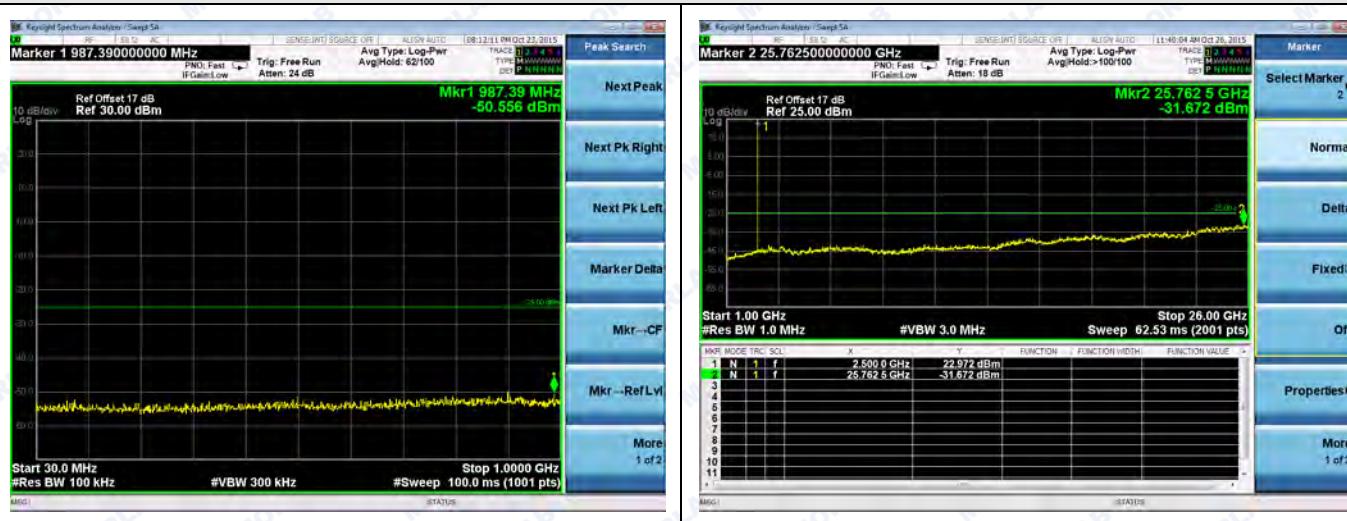
REPORT No.: SZ15100009W02

## LTE Band 7 10MHz BW Low Channel

## QPSK



## 16QAM





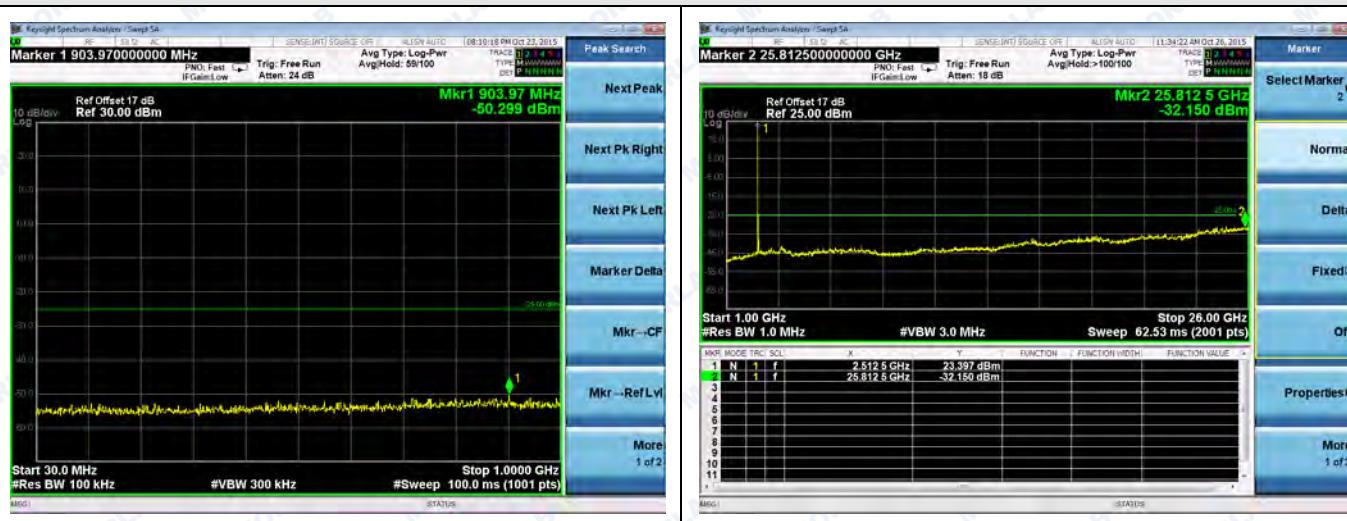
REPORT No.: SZ15100009W02

## LTE Band 7 15MHz BW Low Channel

## QPSK



## 16QAM





REPORT No.: SZ15100009W02

## LTE Band 7 20MHz BW Low Channel

## QPSK



## 16QAM



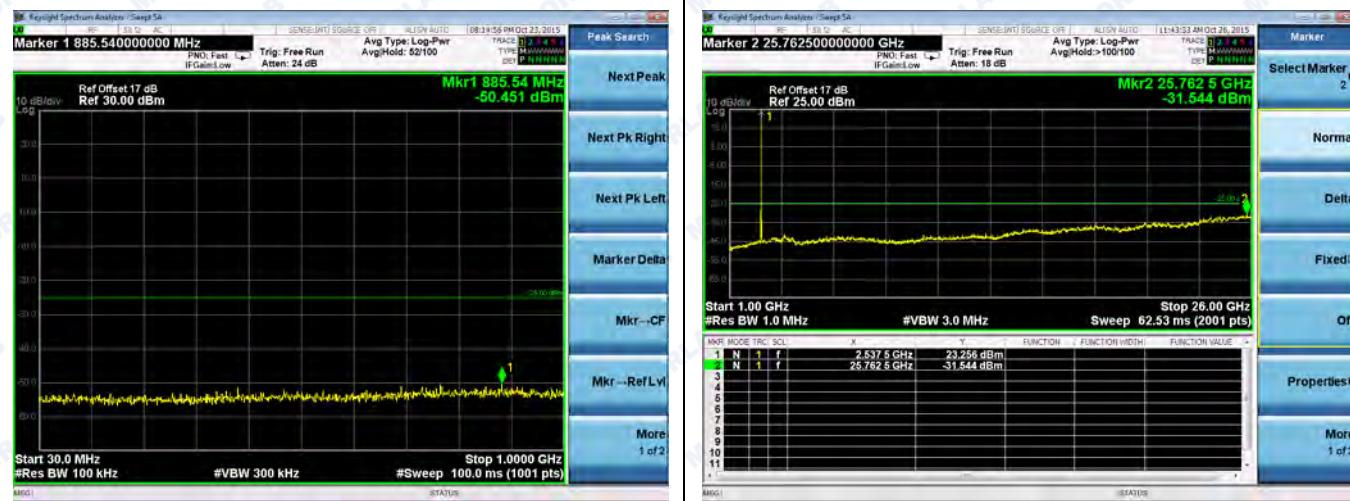


REPORT No.: SZ15100009W02

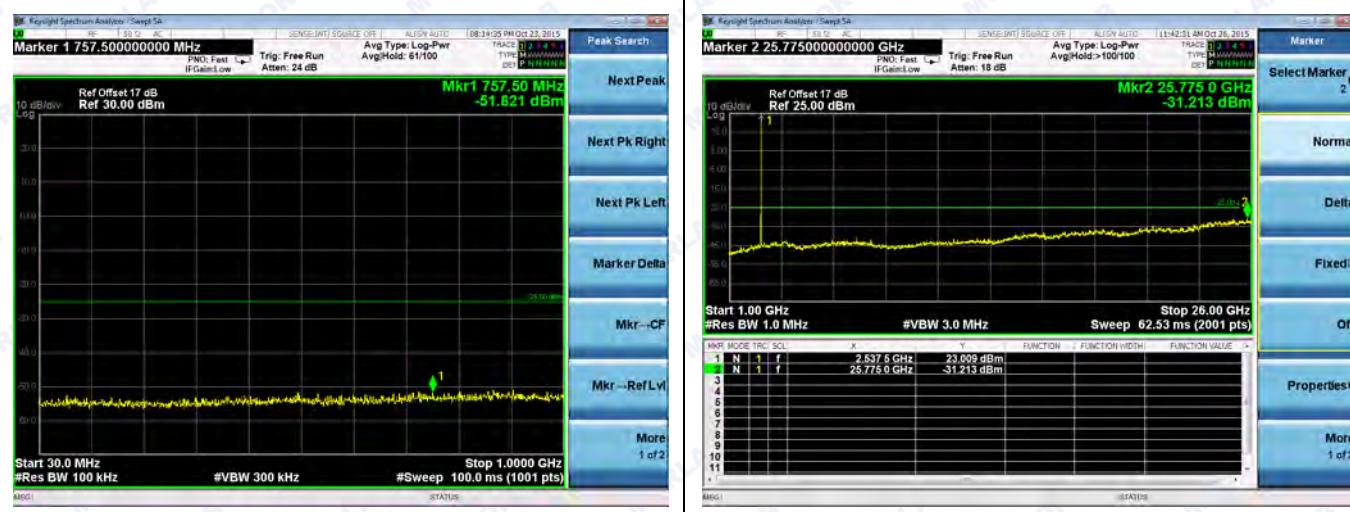
## Middle channel:

## LTE Band 7 5MHz BW Mid Channel

## QPSK



## 16QAM

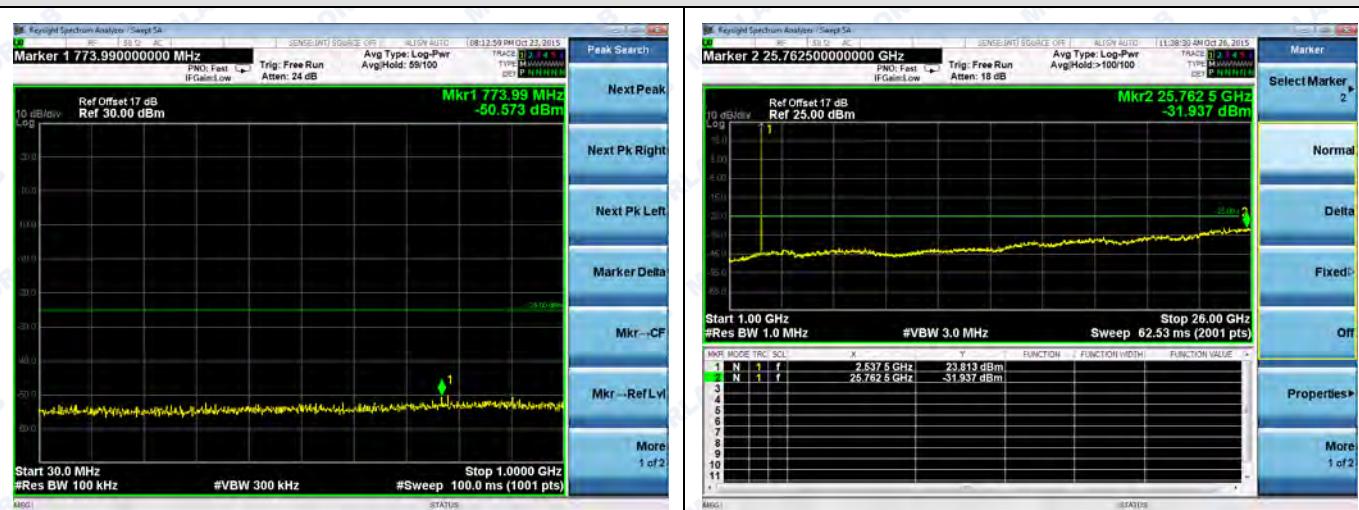




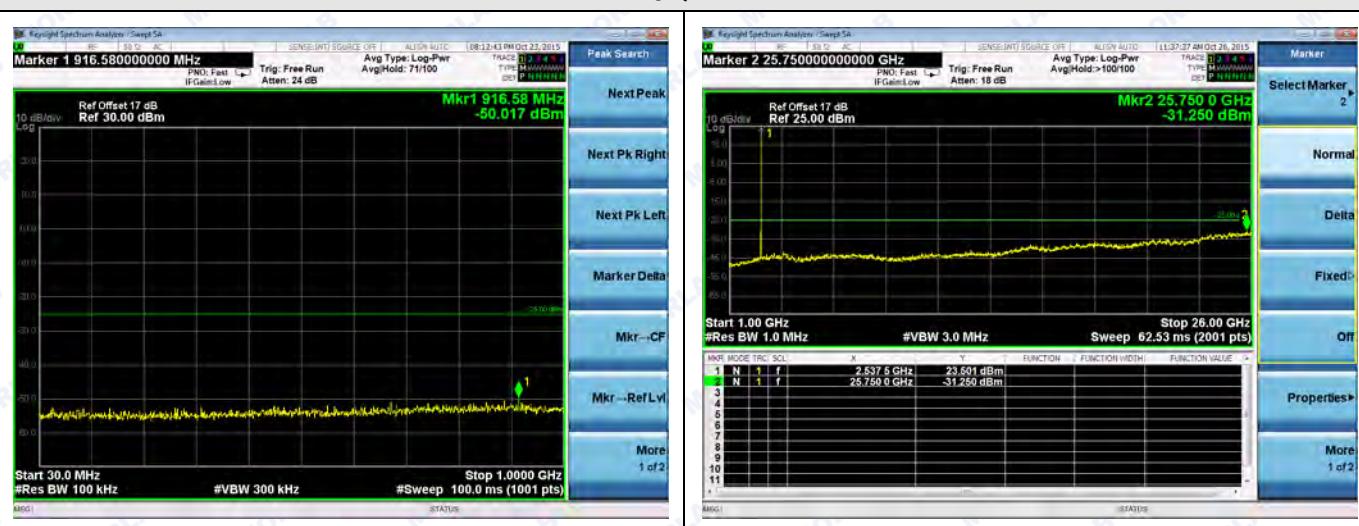
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## LTE Band 7 10MHz BW Mid Channel

## QPSK



## 16QAM





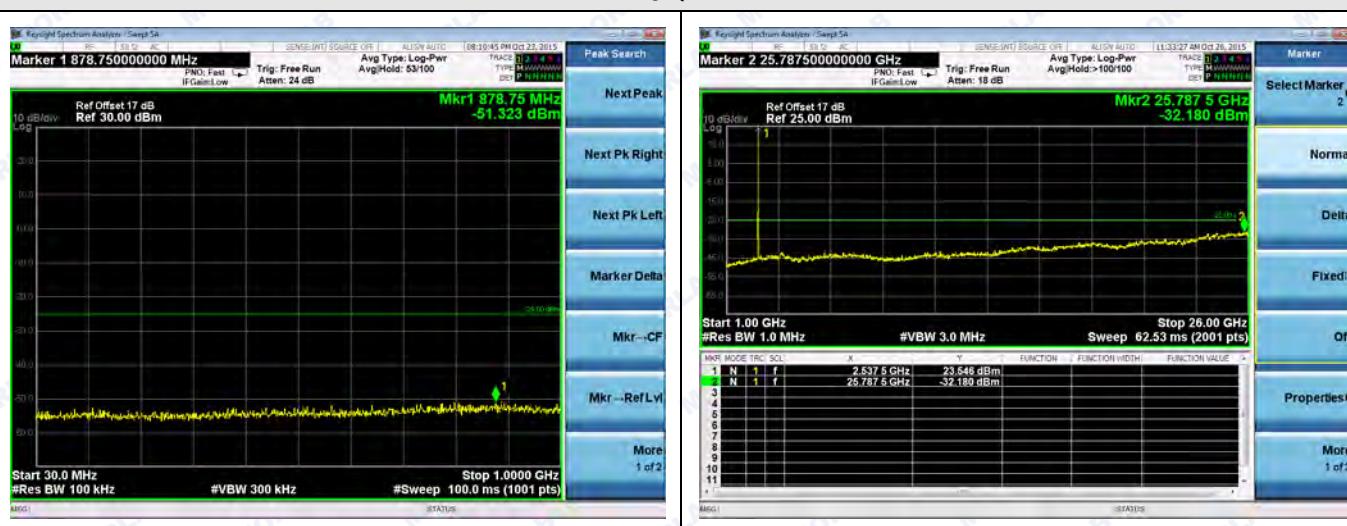
REPORT No.: SZ15100009W02

## LTE Band 7 15MHz BW Mid Channel

## QPSK



## 16QAM

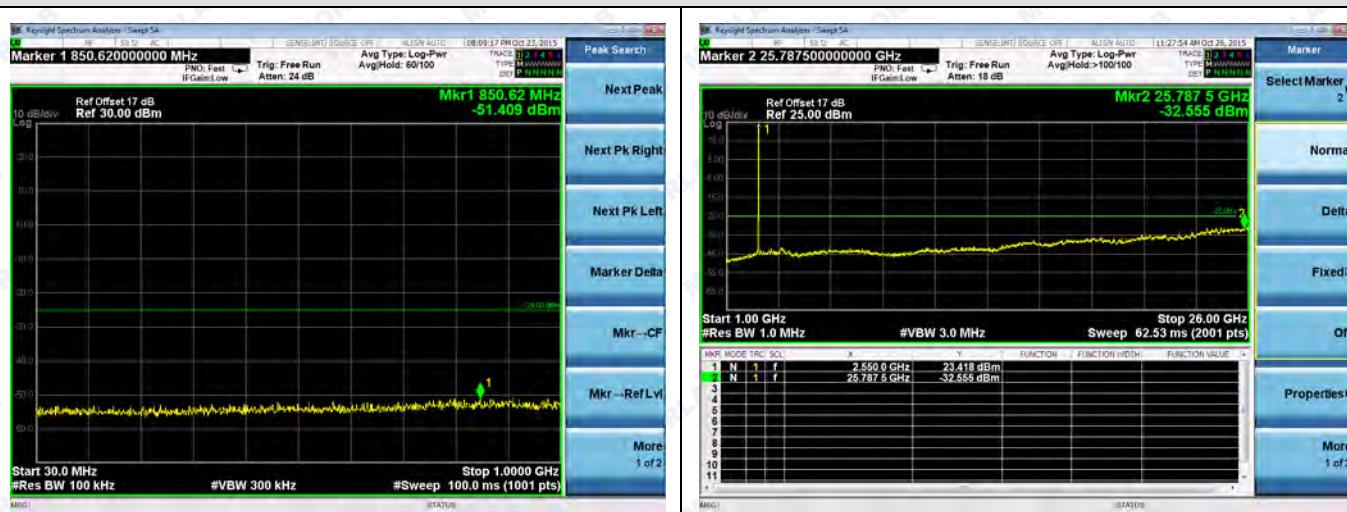




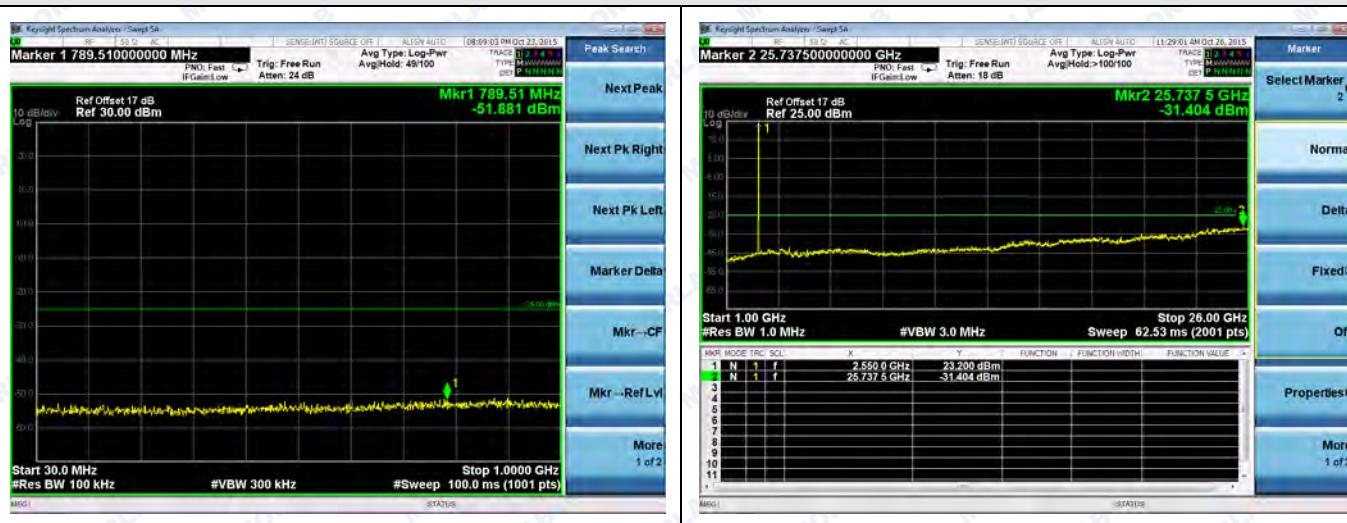
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## LTE Band 7 20MHz BW Mid Channel

## QPSK



## 16QAM





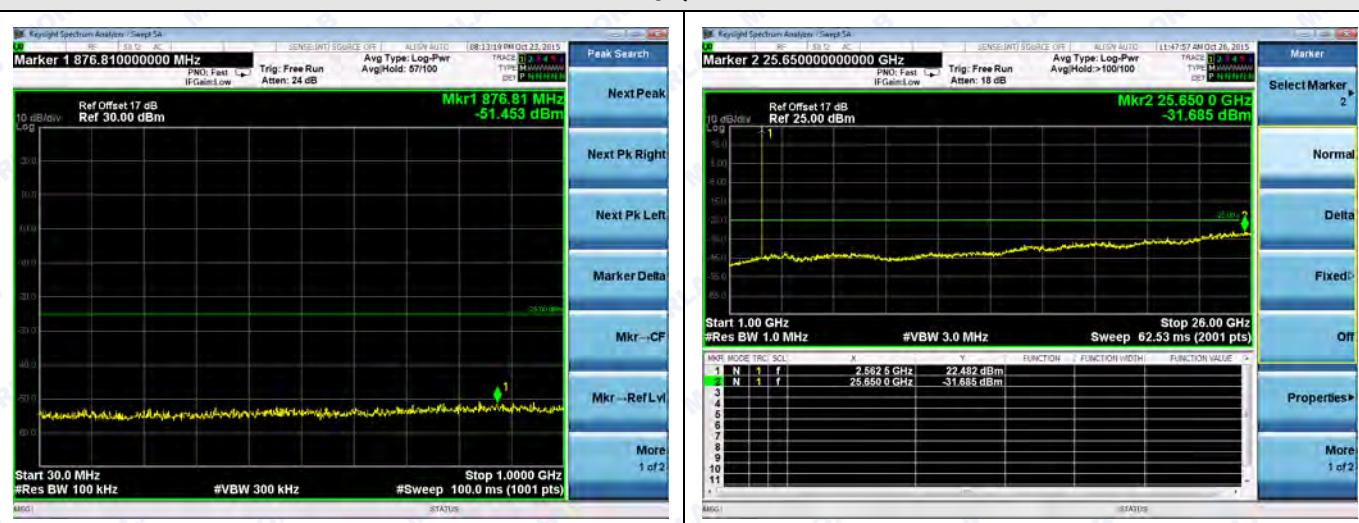
REPORT No.: SZ15100009W02

## LTE Band 7 5MHz BW High Channel

## QPSK



## 16QAM

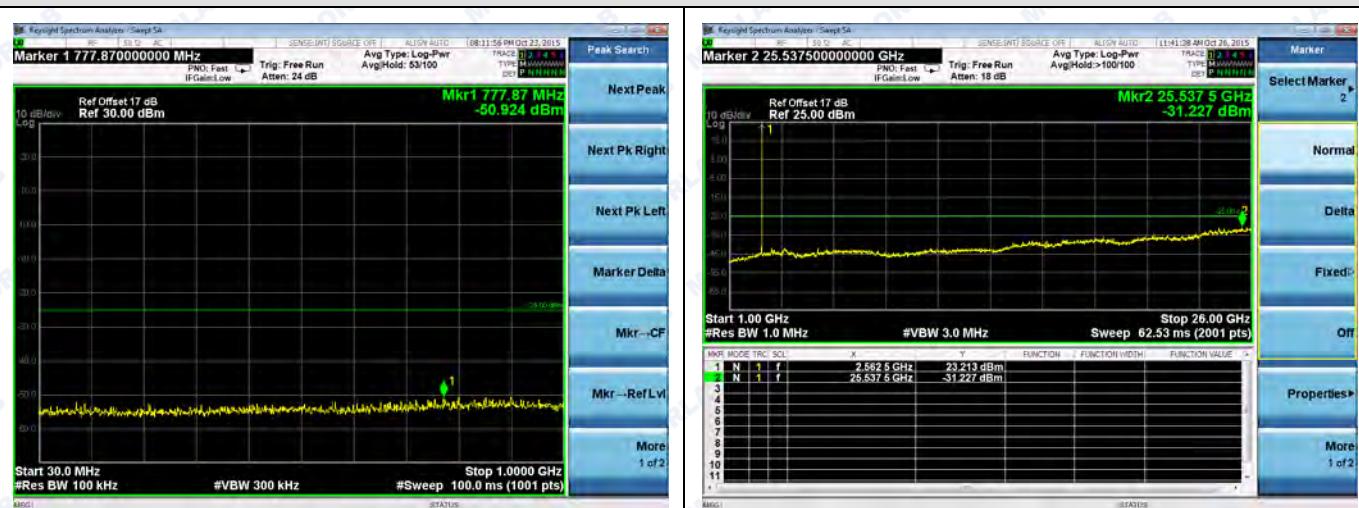




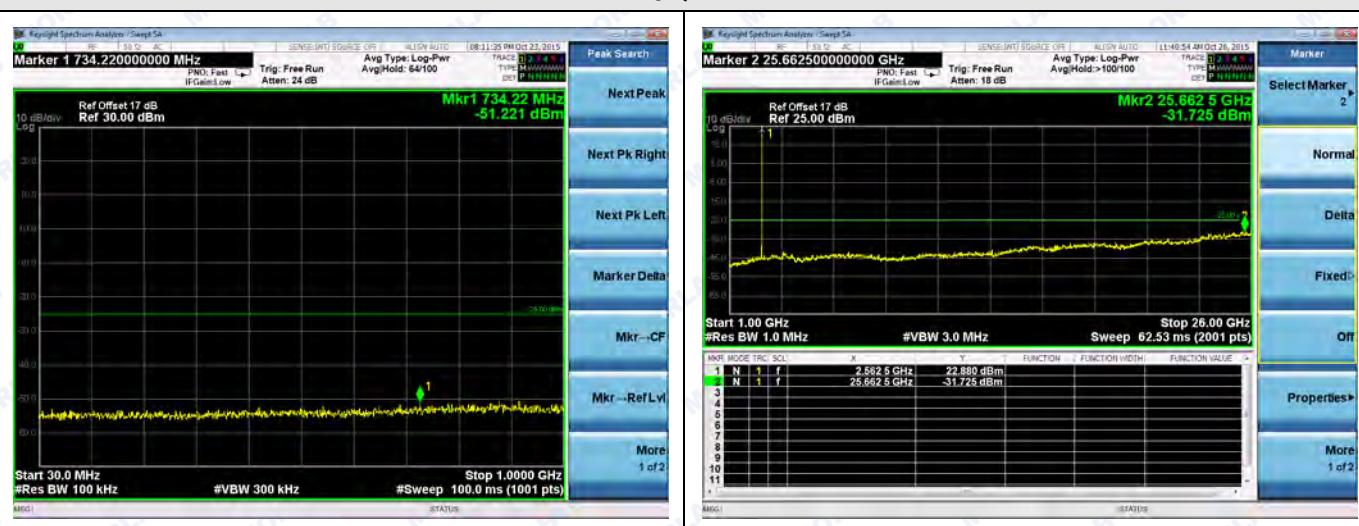
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## LTE Band 7 10MHz BW High Channel

## QPSK



## 16QAM





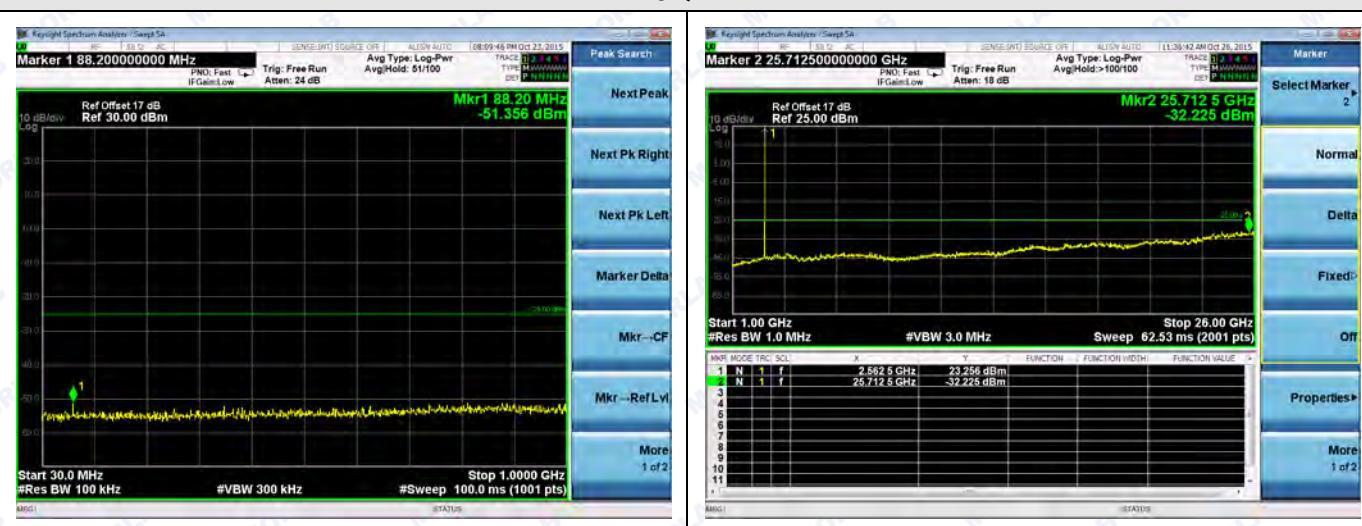
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## LTE Band 7 15MHz BW High Channel

## QPSK



## 16QAM

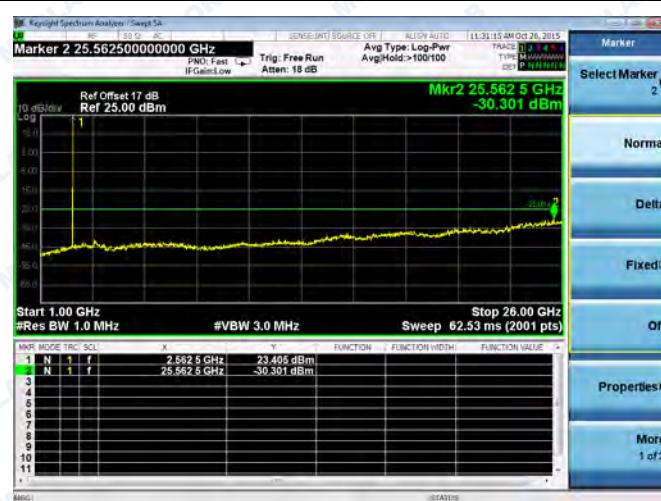
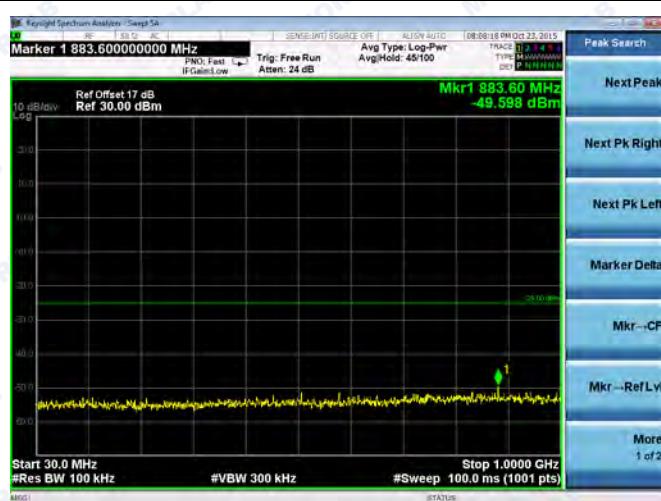




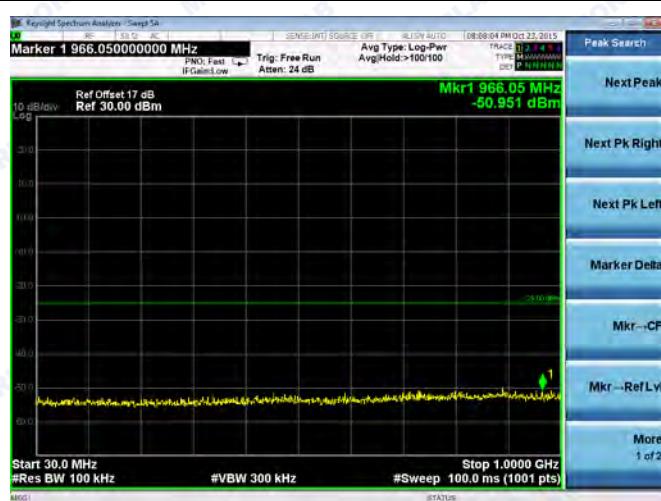
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## LTE Band 7 20MHz BW High Channel

## QPSK



## 16QAM

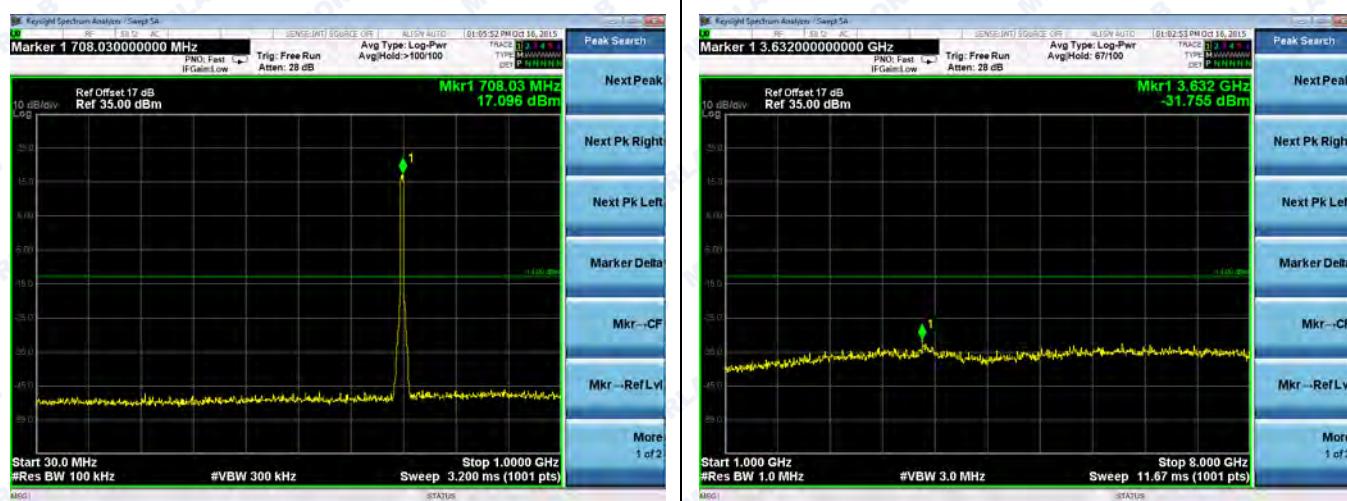




REPORT No.: SZ15100009W02

## LTE Band 17 5MHz BW Low Channel

## QPSK



## 16QAM



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E-mail: service@morlab.cn



REPORT No.: SZ15100009W02

## LTE Band 17 10MHz BW Low Channel

## QPSK



## 16QAM





REPORT No.: SZ15100009W02

## LTE Band 17 5MHz BW Mid Channel

## QPSK



## 16QAM





REPORT No.: SZ15100009W02

## LTE Band 17 10MHz BW Mid Channel

## QPSK



## 16QAM





REPORT No.: SZ15100009W02

## LTE Band 17 5MHz BW High Channel

## QPSK



## 16QAM





REPORT No.: SZ15100009W02

## LTE Band 17 10MHz BW High Channel

## QPSK



## 16QAM



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Http://www.morlab.comFax: 86-755-36698525  
E-mail: service@morlab.cn



## 2.6 Band Edge

### 2.6.1 Requirement

According to FCC section 27.53(g) (h), (g) For operations in the 698–746 MHz band, the power of any emission outside a licensee's frequency band(s) of operation shall be attenuated below the transmitter power (P) within the licensed band(s) of operation, measured in watts, by at least  $43 + 10 \log(P)$  dB. Compliance with this provision is based on the use of measurement instrumentation employing a resolution bandwidth of 100 kilohertz or greater. However, in the 100 kilohertz bands immediately outside and adjacent to a licensee's frequency block, a resolution bandwidth of at least 30 kHz may be employed.

(h) For operations in the 1710–1755 MHz bands, the power of any emission outside a licensee's frequency block shall be attenuated below the transmitter power (P) by at least  $43 + 10 \log_{10}(P)$  dB.

According to FCC section 27.53(m) (4), (m) (4) For mobile digital stations, the attenuation factor shall be not less than  $40 + 10 \log(P)$  dB on all frequencies between the channel edge and 5 megahertz from the channel edge,  $43 + 10 \log(P)$  dB on all frequencies between 5 megahertz and X megahertz from the channel edge, and  $55 + 10 \log(P)$  dB on all frequencies more than X megahertz from the channel edge, where X is the greater of 6 megahertz or the actual emission bandwidth as defined in paragraph (m)(6) of this section. In addition, the attenuation factor shall not be less than  $43 + 10 \log(P)$  dB on all frequencies between 2490.5 MHz and 2496 MHz and  $55 + 10 \log(P)$  dB at or below 2490.5 MHz. Mobile Satellite Service licensees operating on frequencies below 2495 MHz may also submit a documented interference complaint against BRS licensees operating on channel BRS Channel 1 on the same terms and conditions as adjacent channel BRS or EBS licensees

### 2.6.2 Test Description

See section 2.1.2 of this report.

### 2.6.3 Test Result

The center frequency of spectrum is the band edge frequency and span is 2MHz, Record the max trace into the test report.

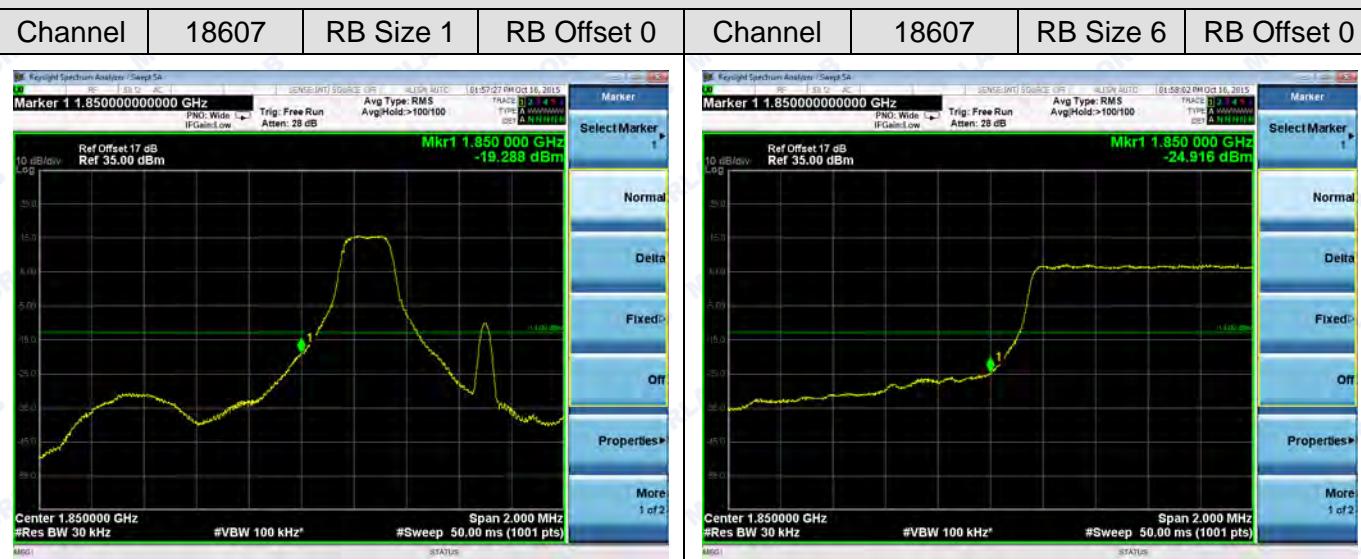
PASS. See the attached plots.



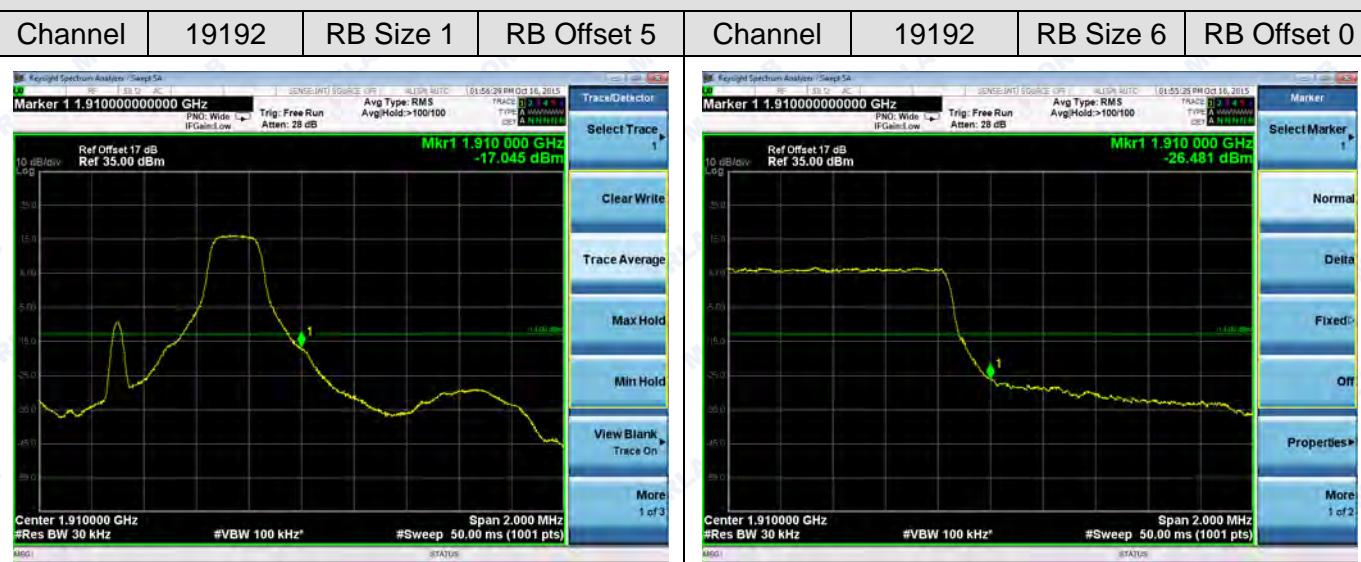
REPORT No.: SZ15100009W02

## LTE Band 2

Channel Bandwidth: 1.4MHz



Channel Bandwidth: 1.4MHz



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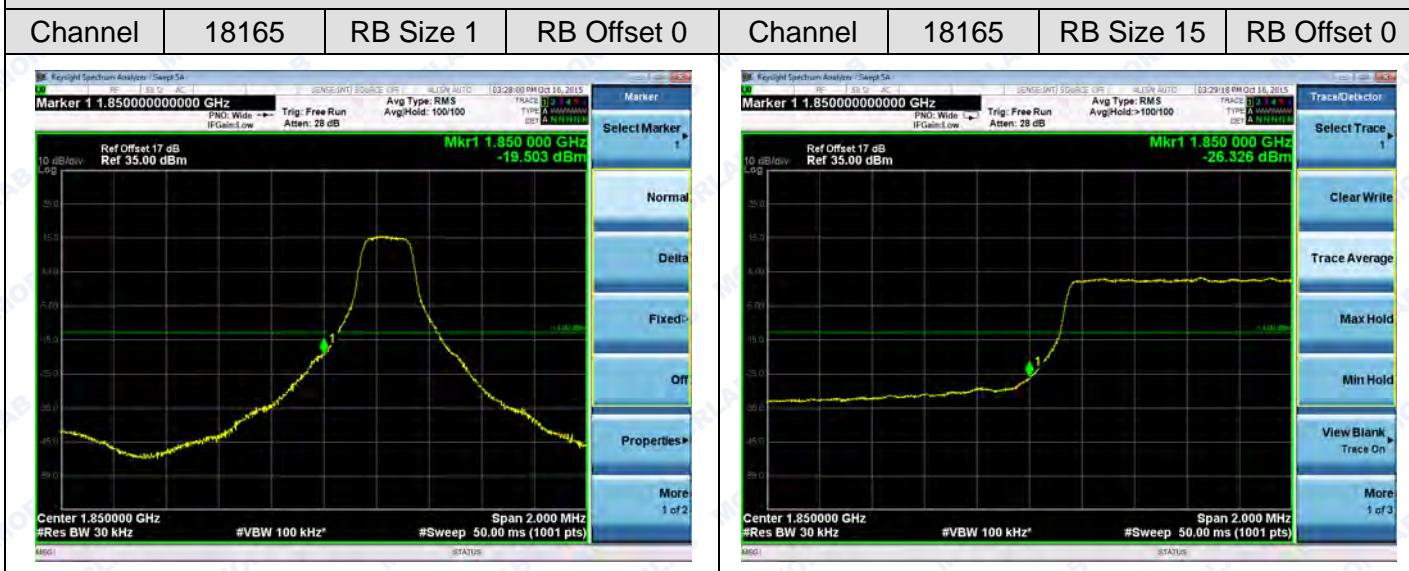
E-mail: service@morlab.cn



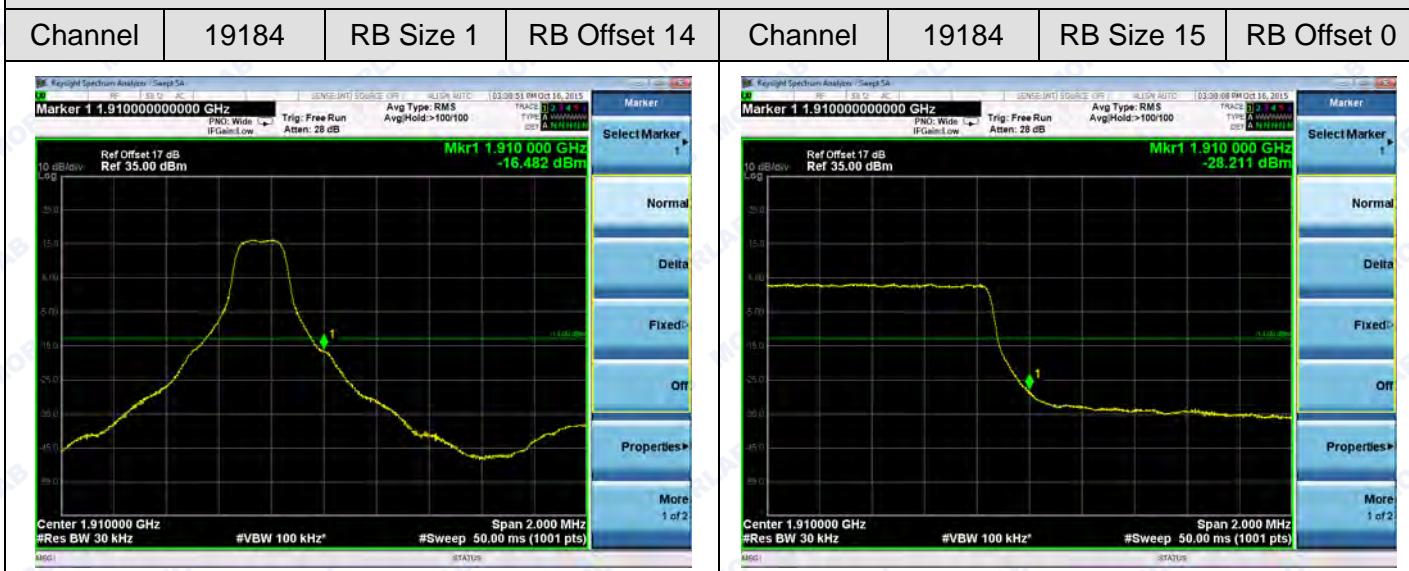
REPORT No.: SZ15100009W02

## LTE Band 2

Channel Bandwidth: 3MHz



Channel Bandwidth: 3MHz

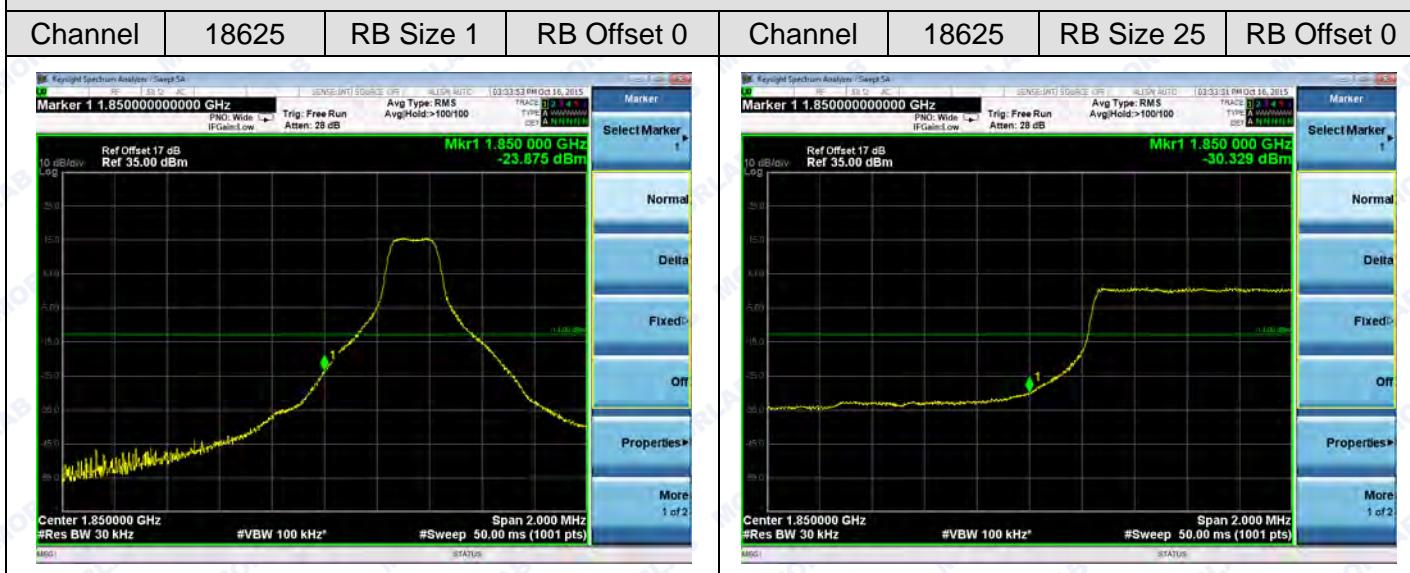




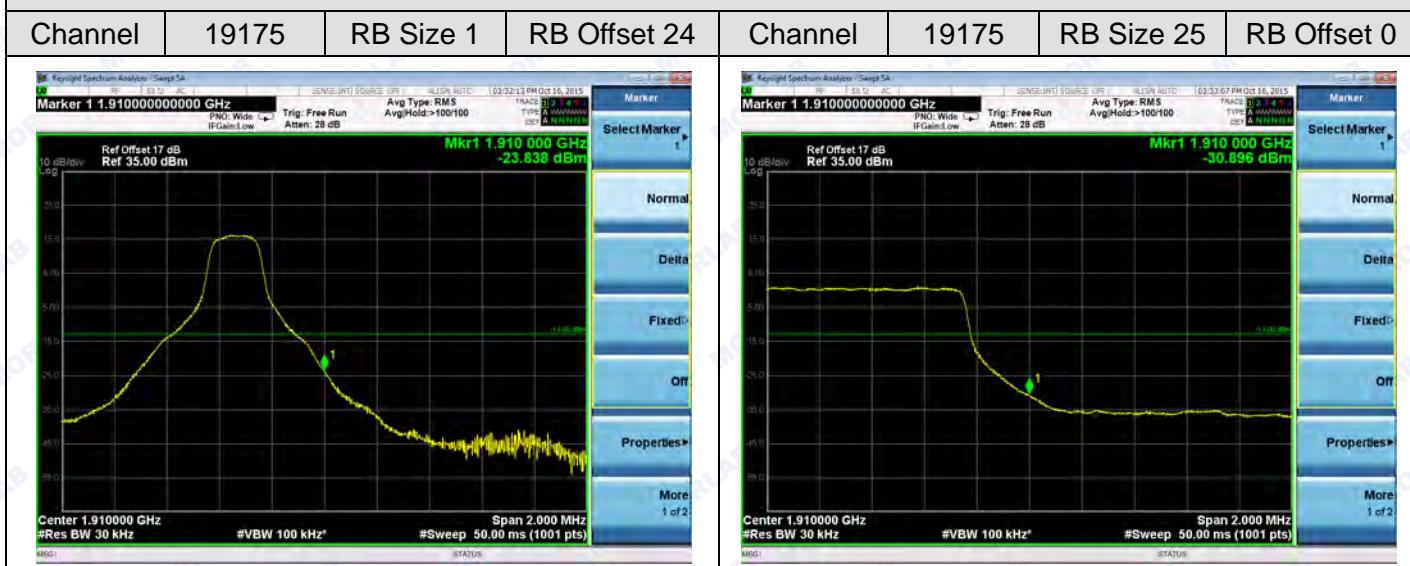
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## LTE Band 2

Channel Bandwidth: 5MHz



Channel Bandwidth: 5MHz



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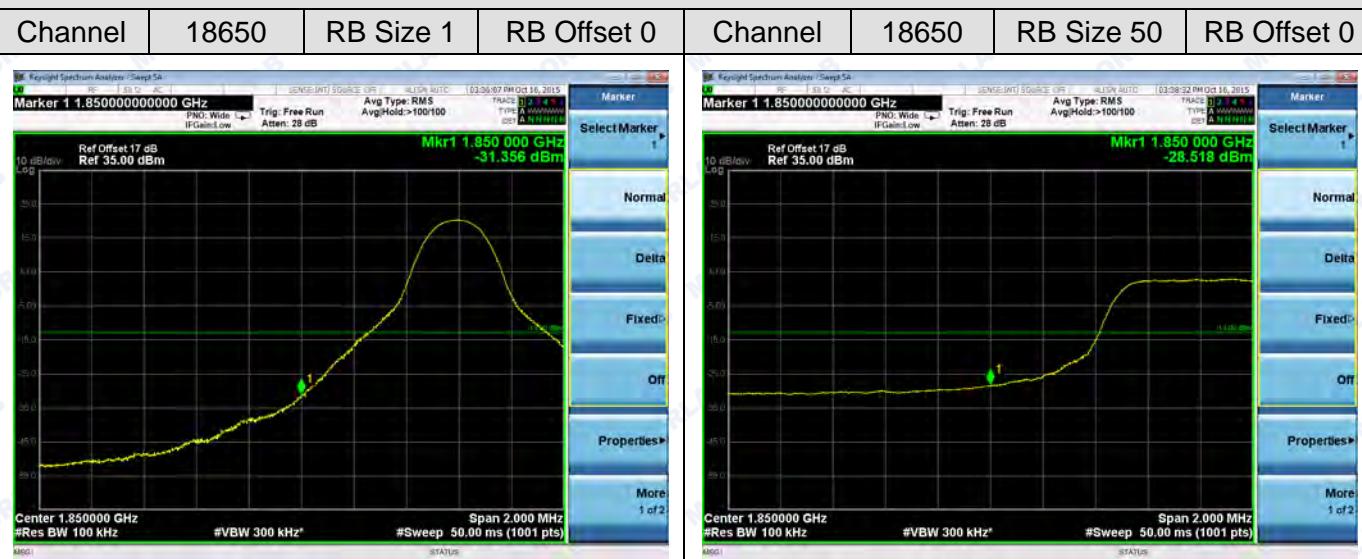
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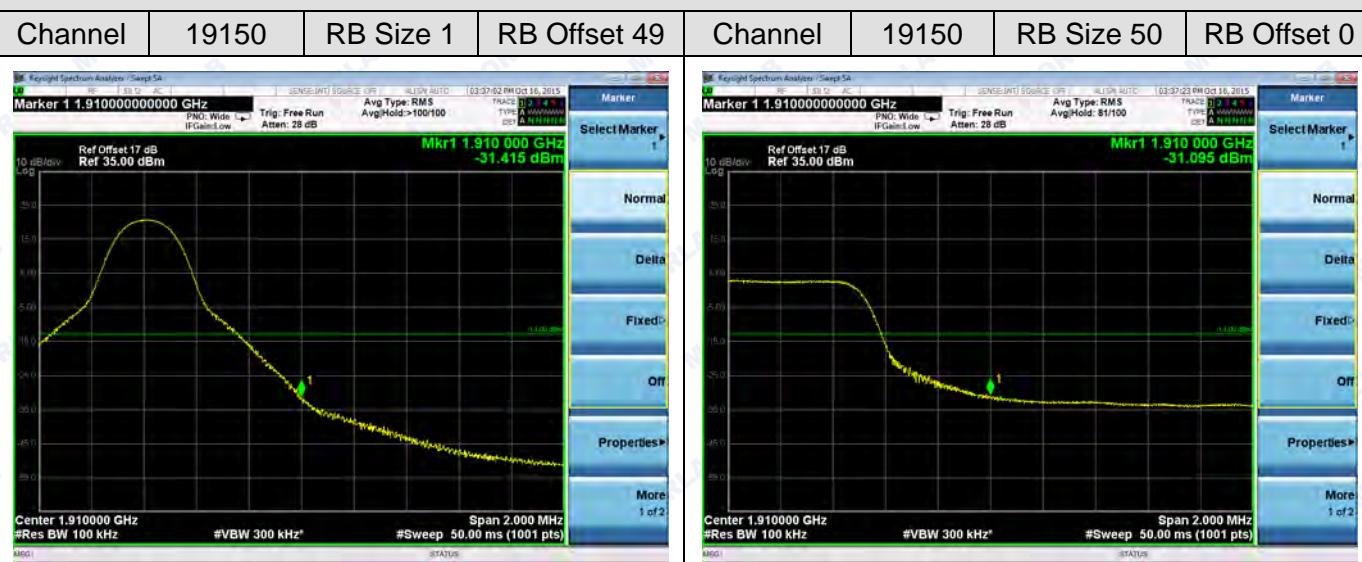
REPORT No.: SZ15100009W02

## LTE Band 2

Channel Bandwidth: 10MHz



Channel Bandwidth: 10MHz



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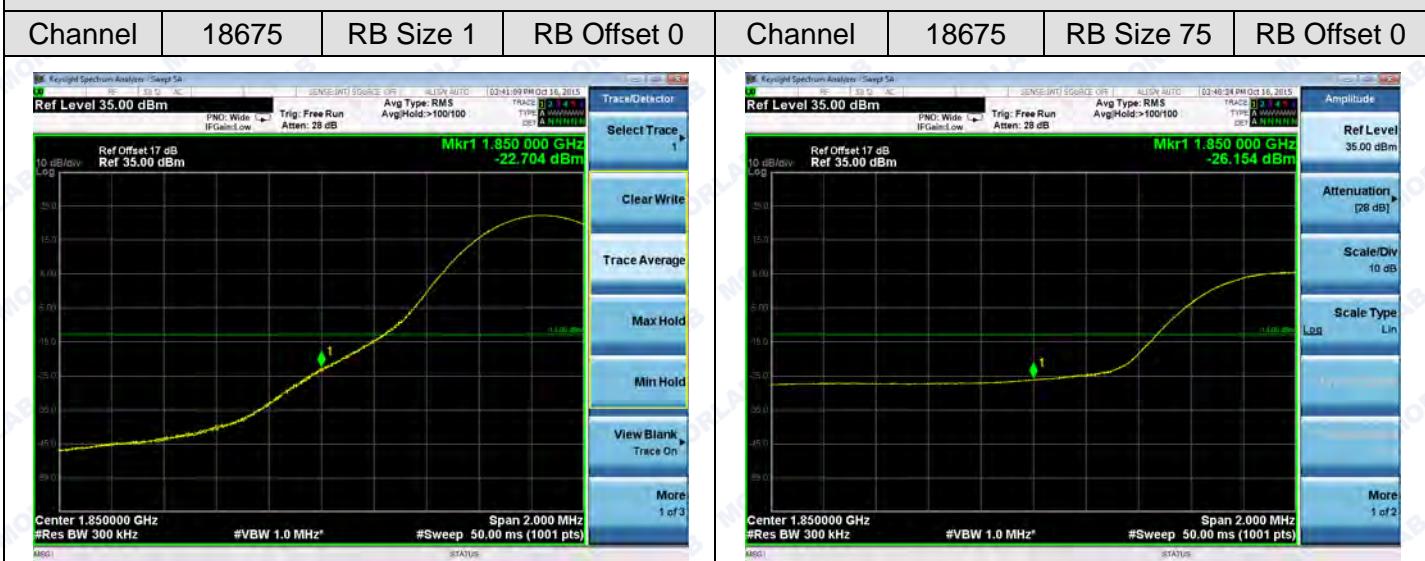
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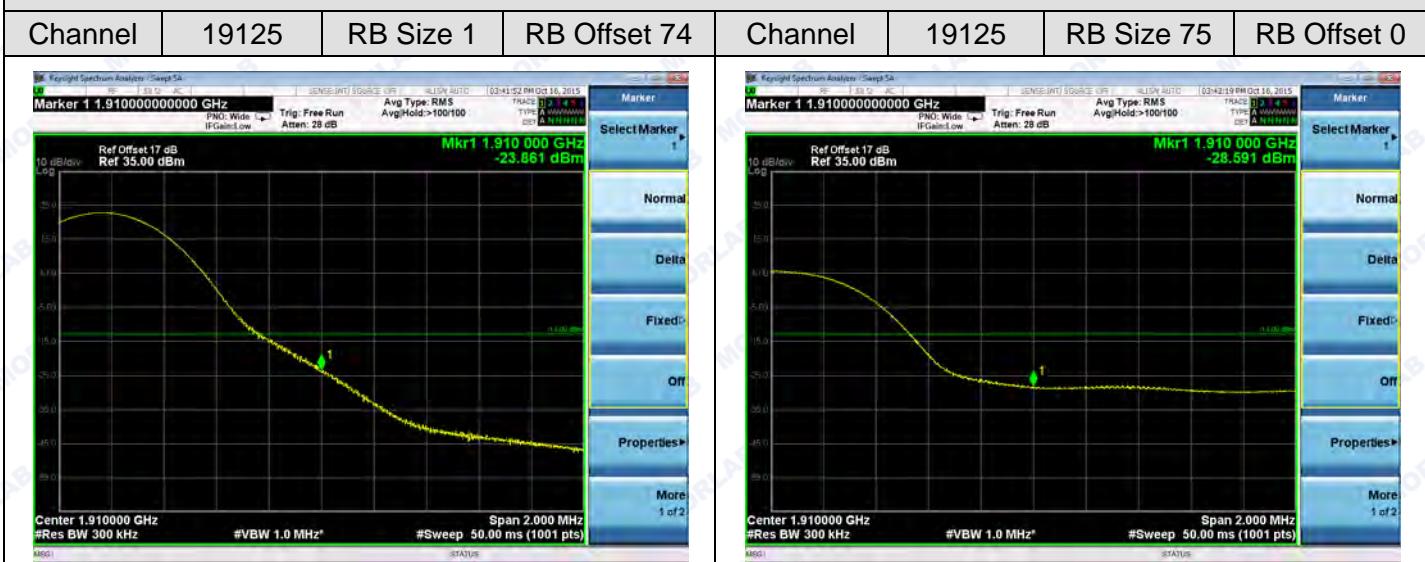
REPORT No.: SZ15100009W02

## LTE Band 2

Channel Bandwidth: 15MHz



Channel Bandwidth: 15MHz



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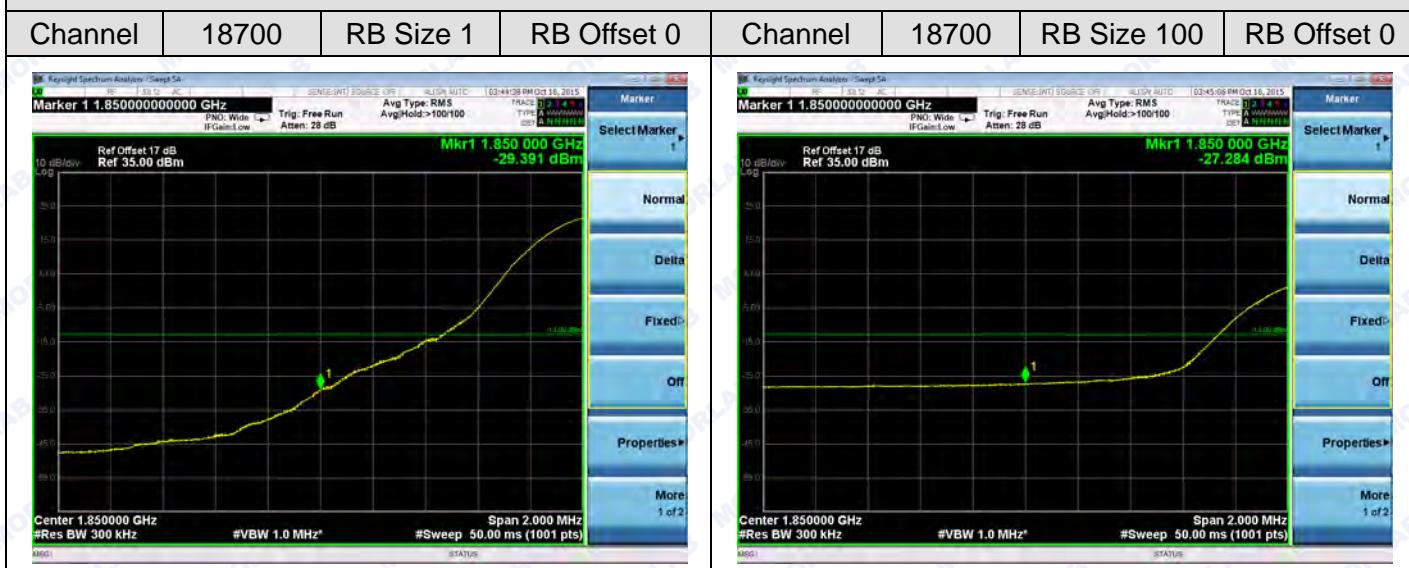
FL1-3, Building A, FeiYang Science Park, No.8 LongChang Road,  
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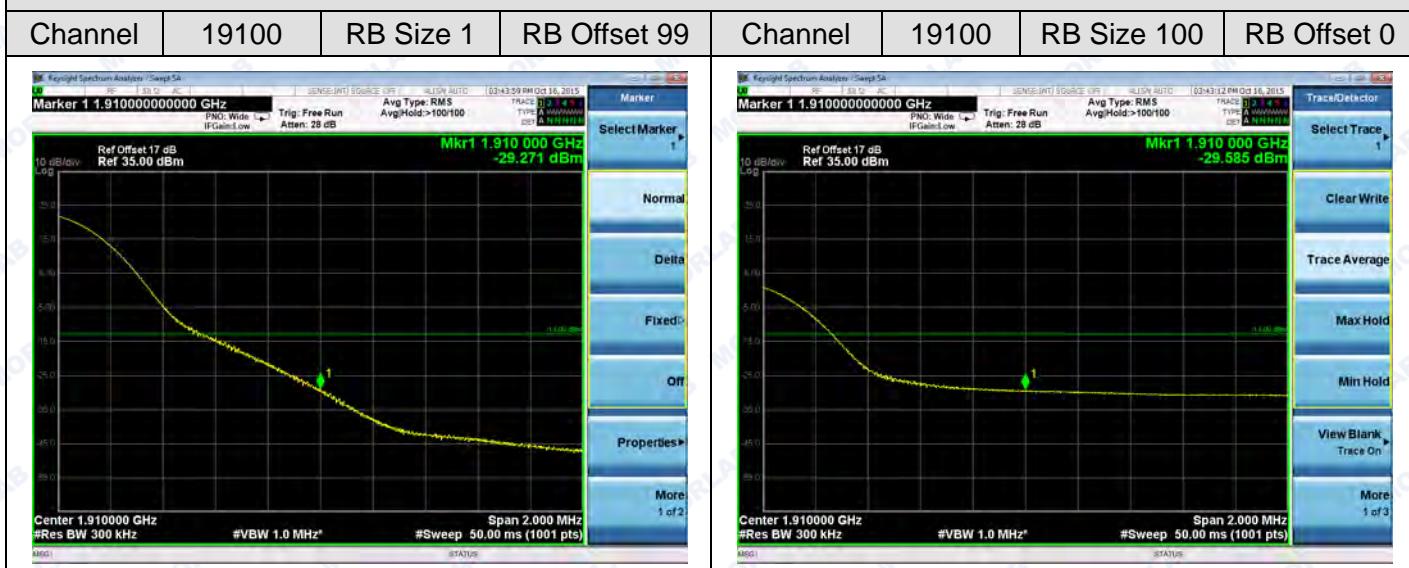
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## LTE Band 2

Channel Bandwidth: 20MHz



Channel Bandwidth: 20MHz

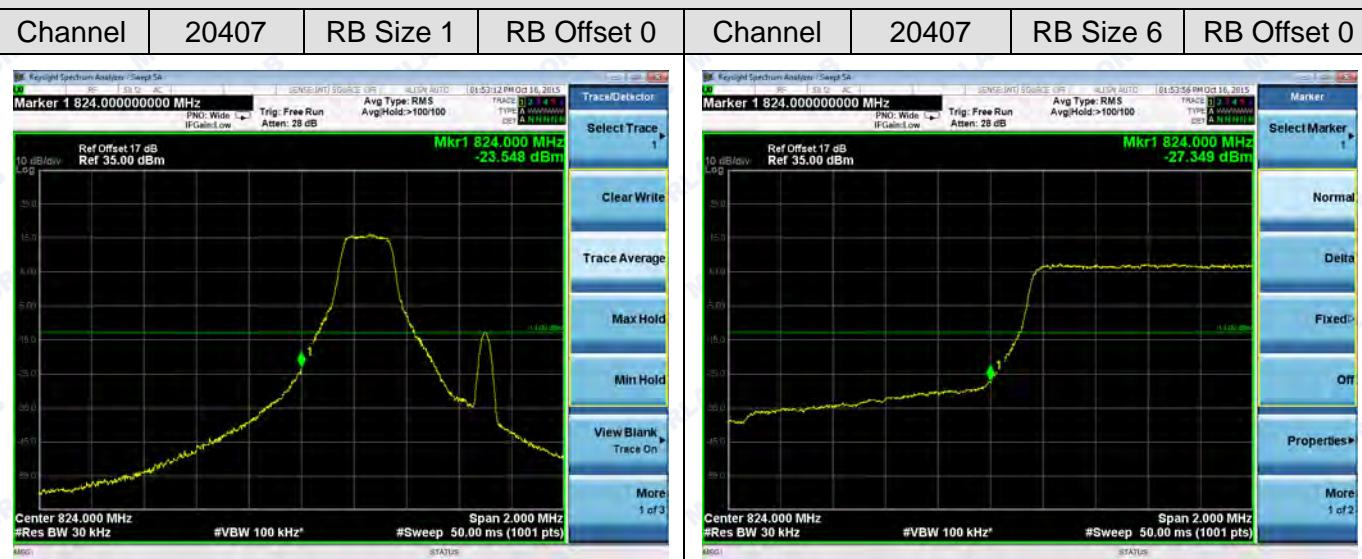




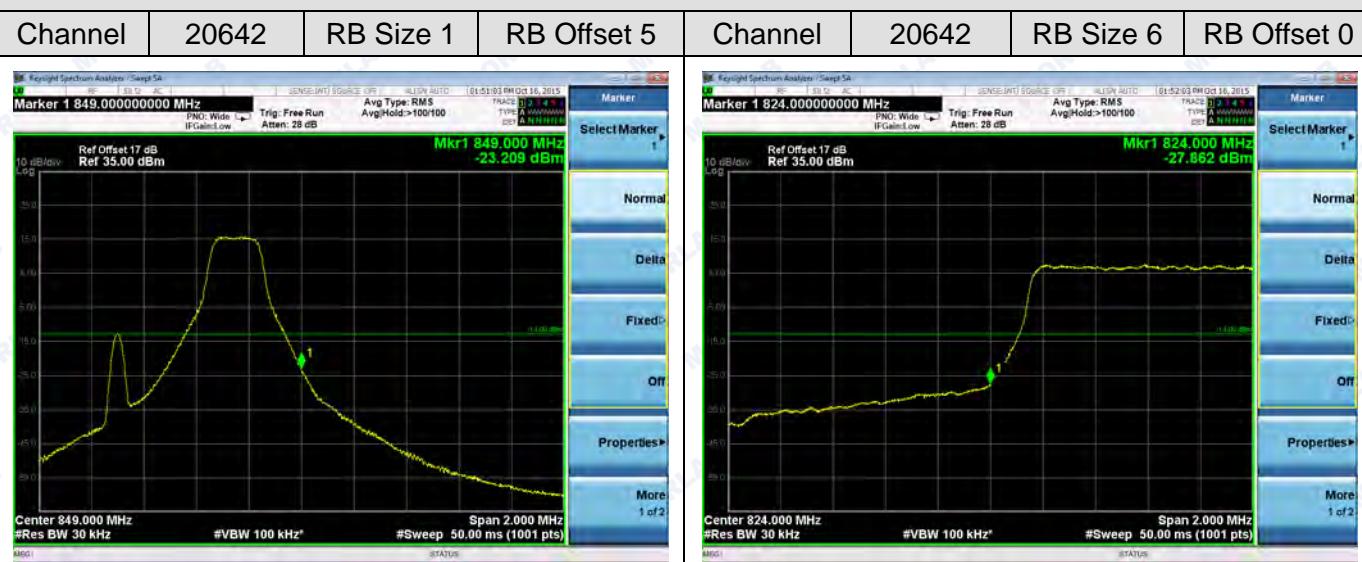
REPORT No.: SZ15100009W02

## LTE Band 5

Channel Bandwidth: 1.4MHz



Channel Bandwidth: 1.4MHz



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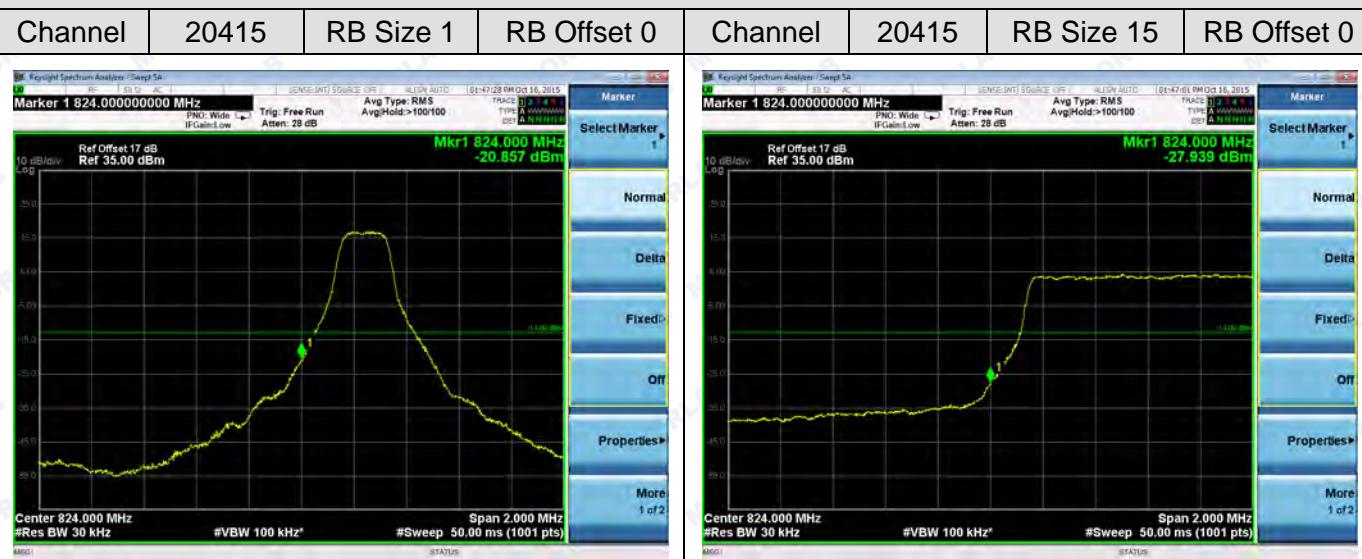
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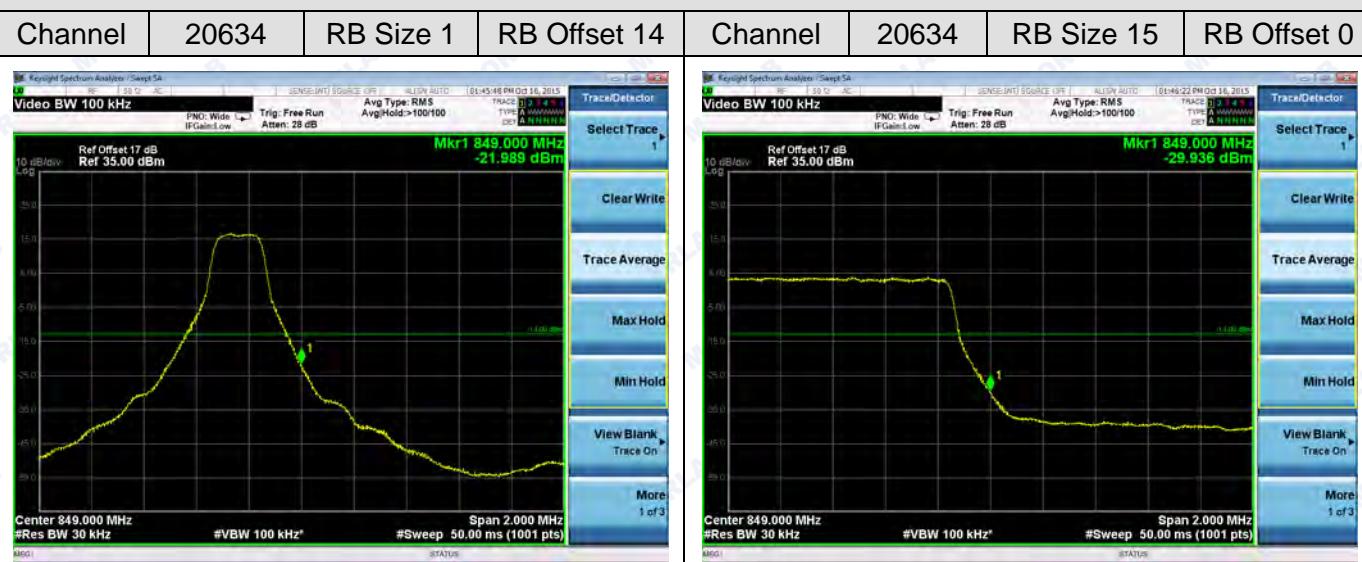
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## LTE Band 5

Channel Bandwidth: 3MHz



Channel Bandwidth: 3MHz



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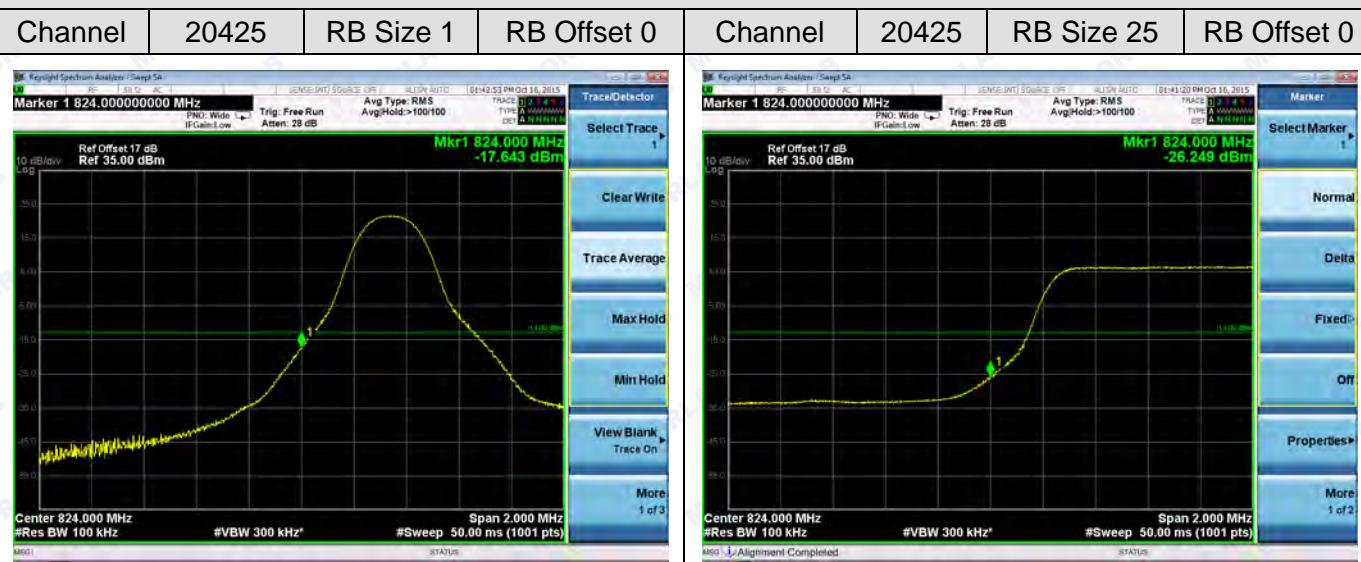
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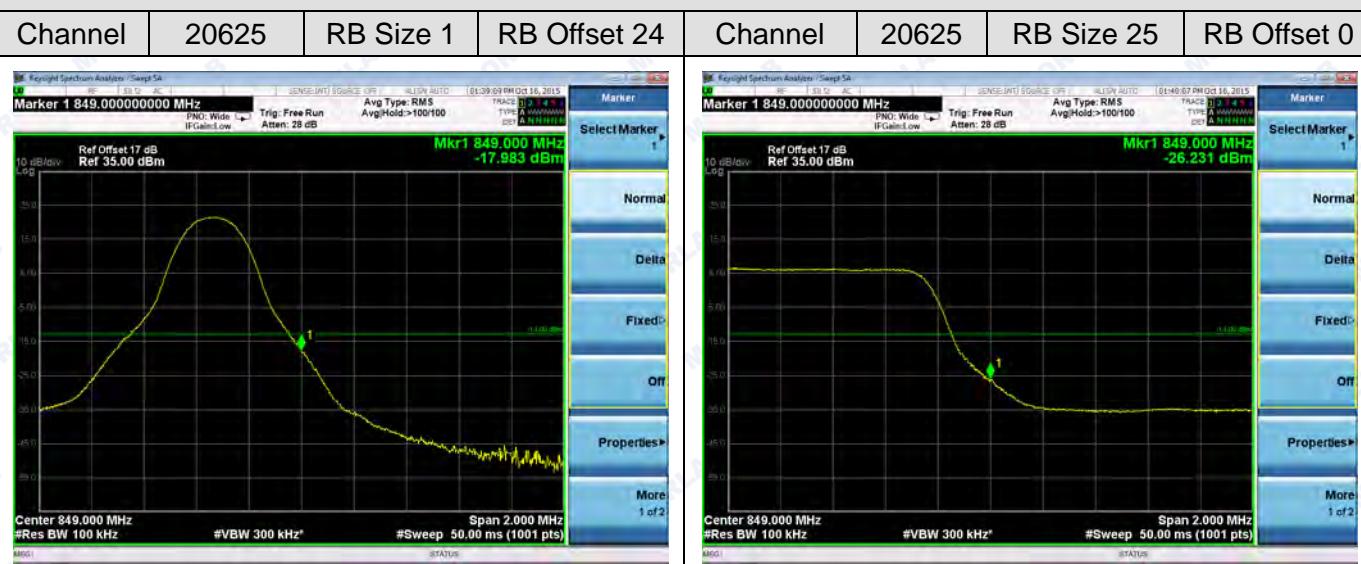
REPORT No.: SZ15100009W02

## LTE Band 5

Channel Bandwidth: 5MHz



Channel Bandwidth: 5MHz



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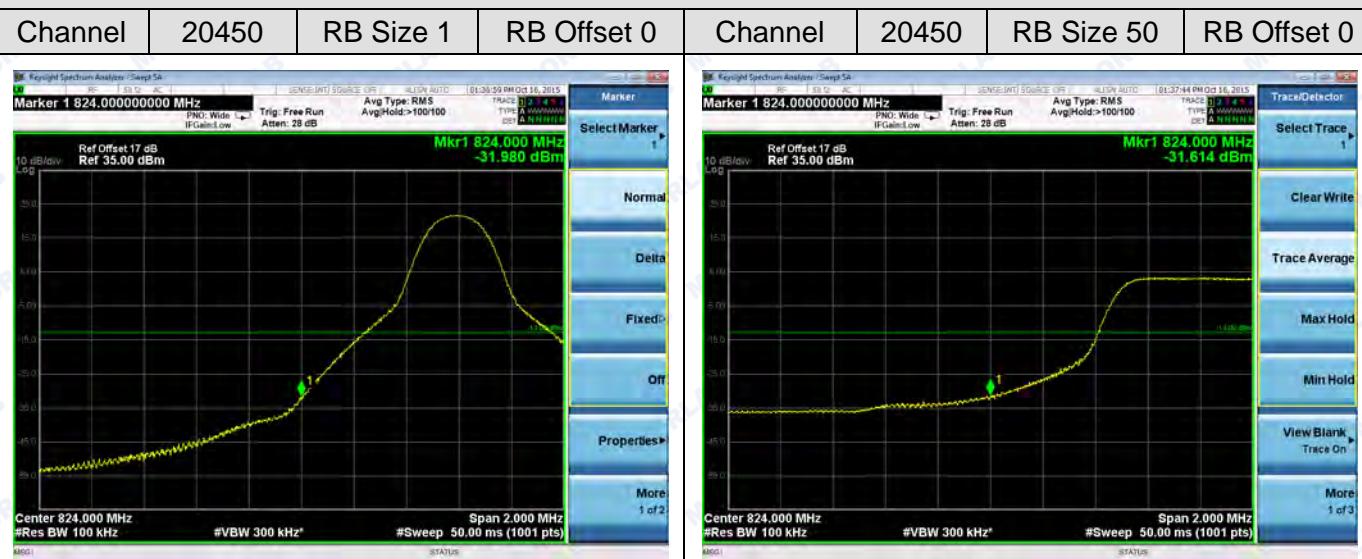
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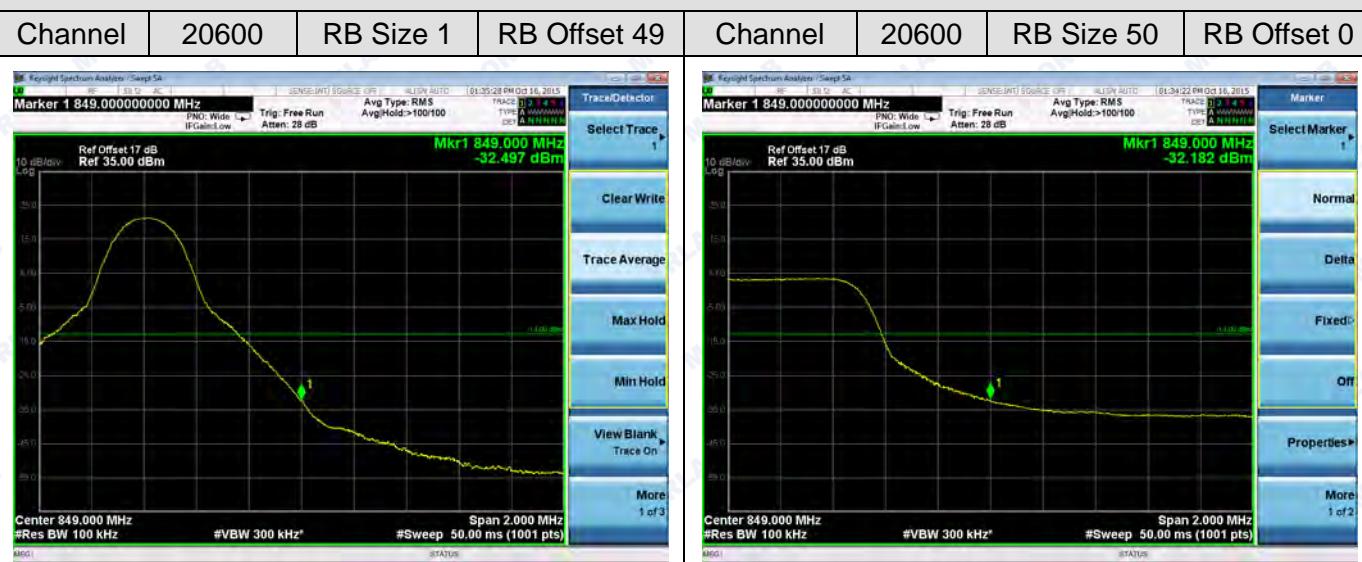
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## LTE Band 5

Channel Bandwidth: 10MHz



Channel Bandwidth: 10MHz

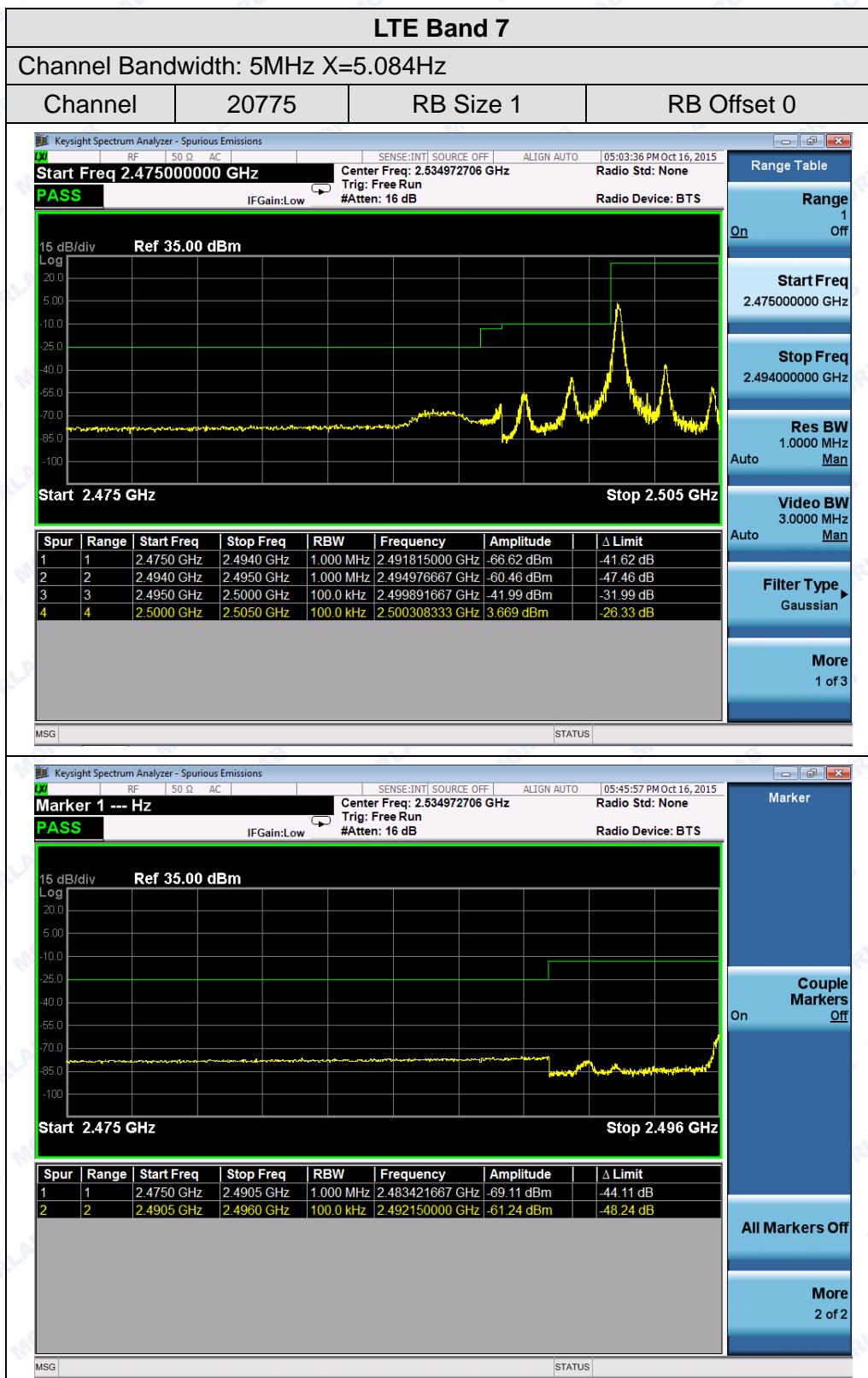


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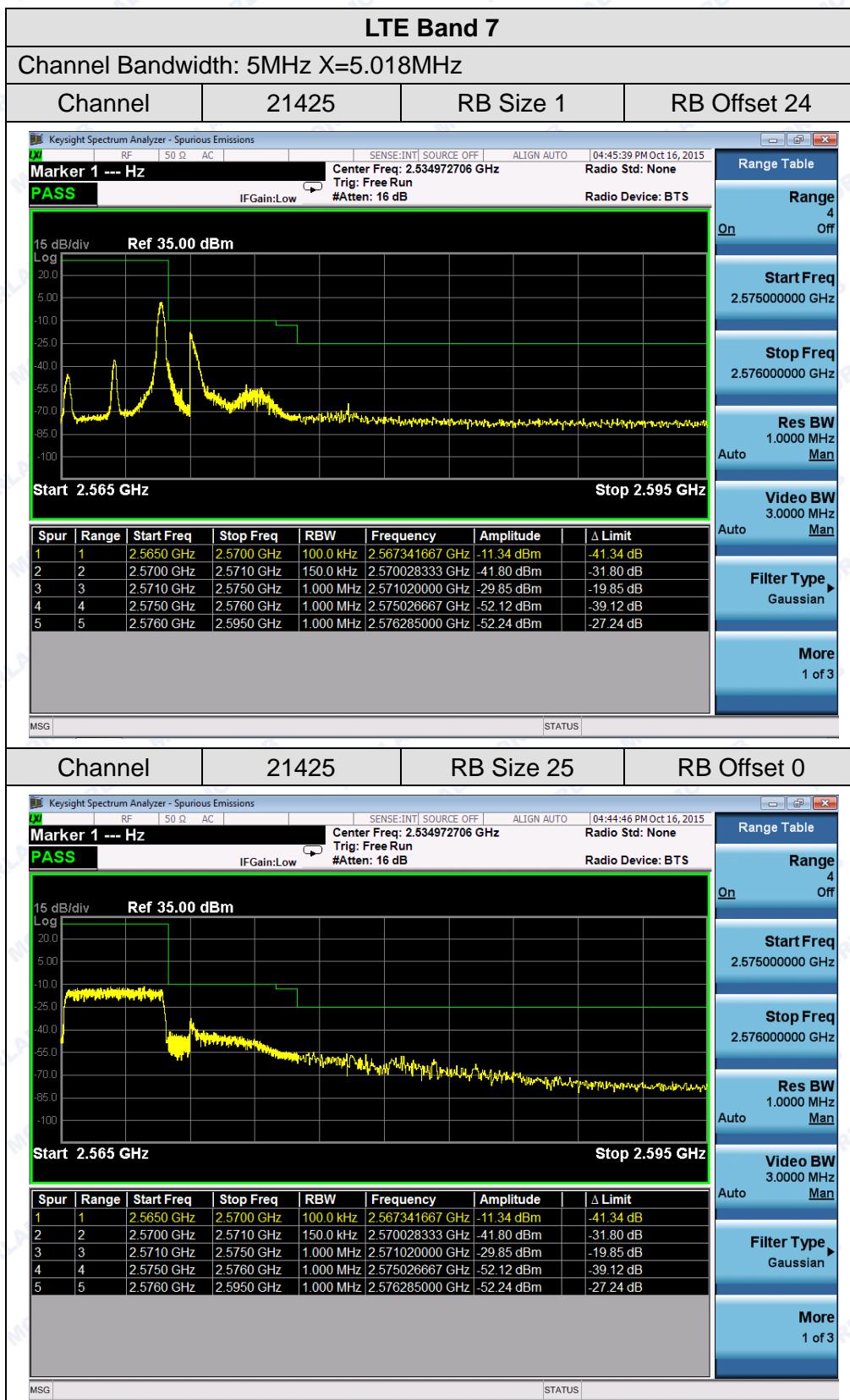


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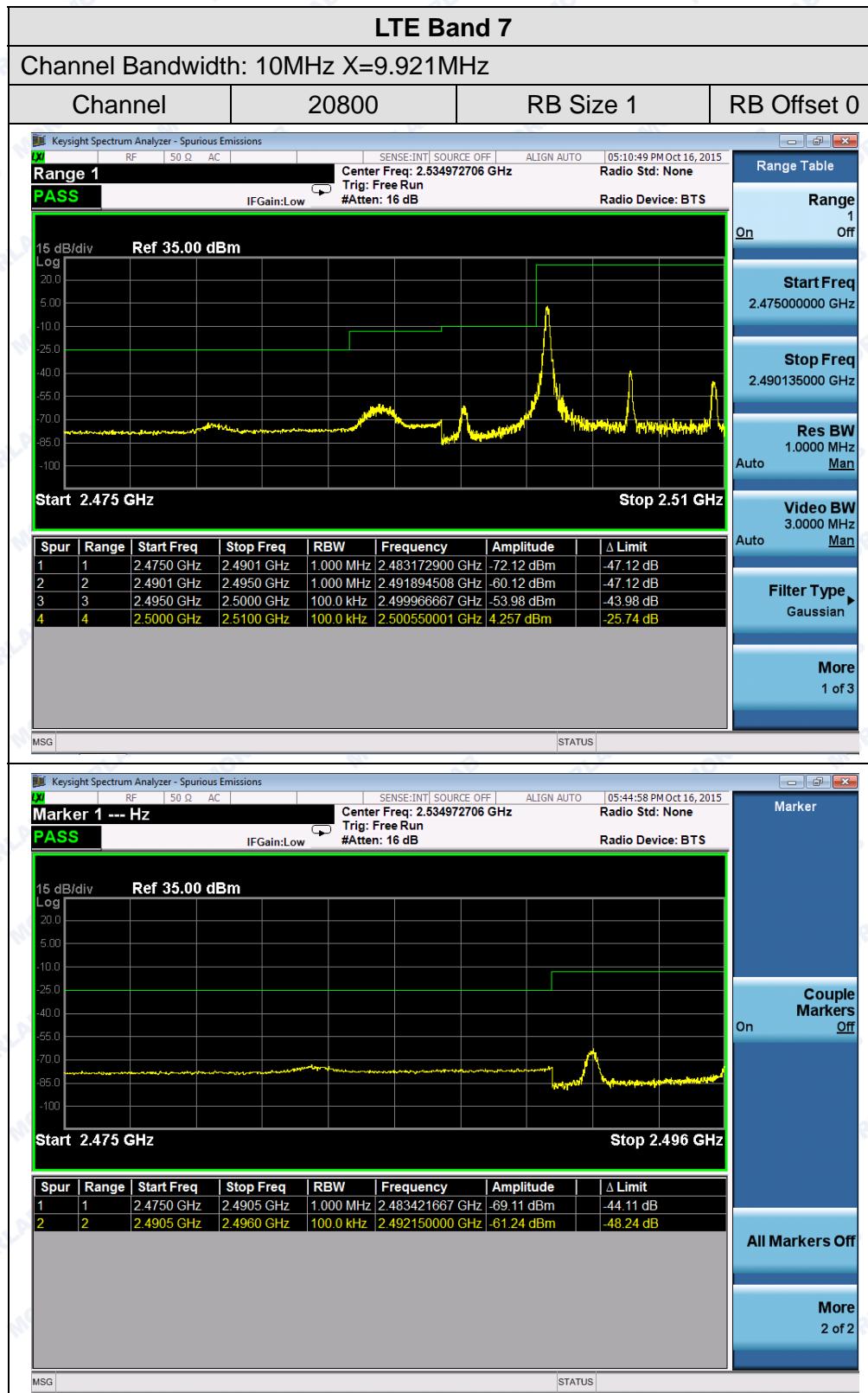


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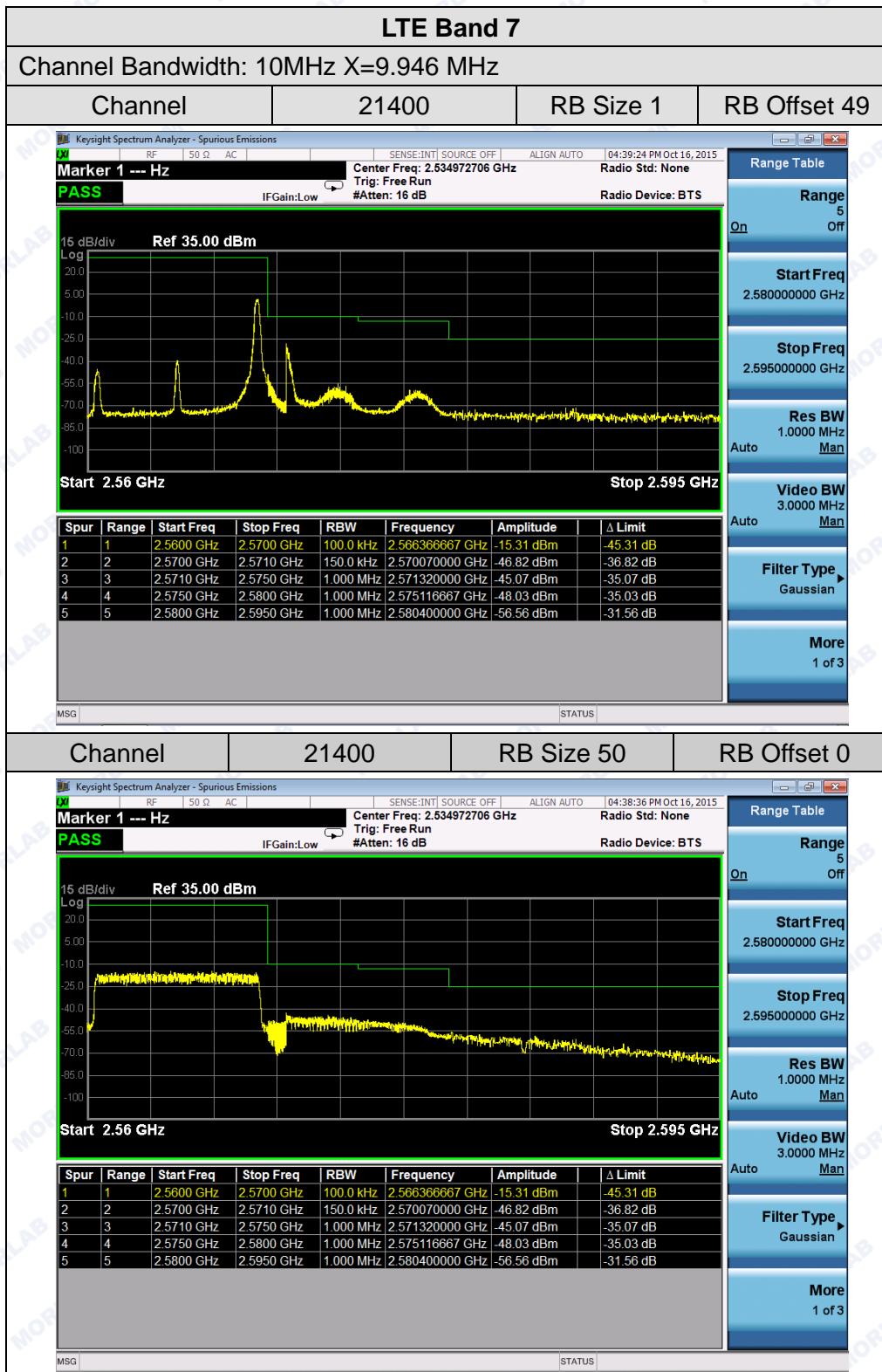


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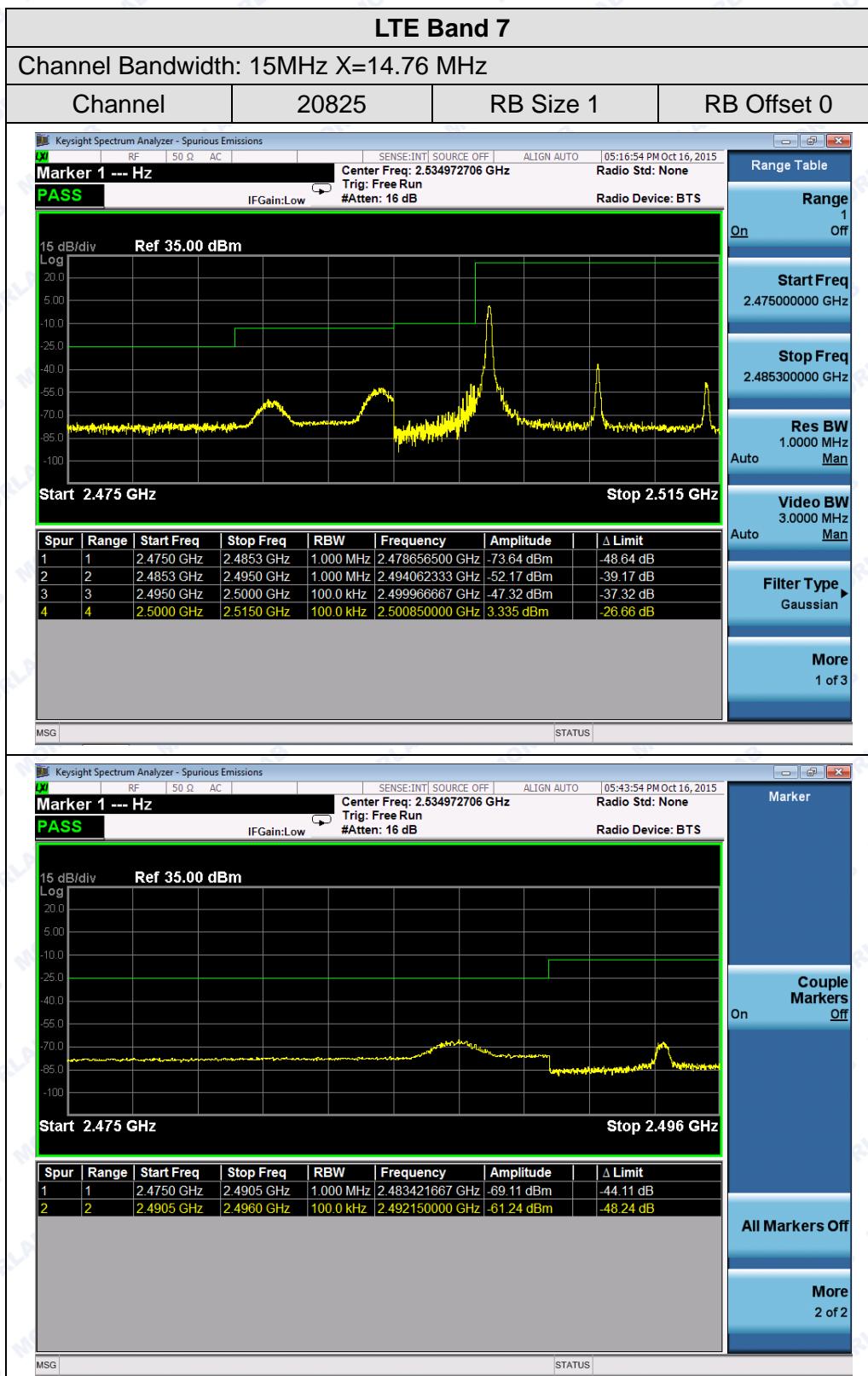


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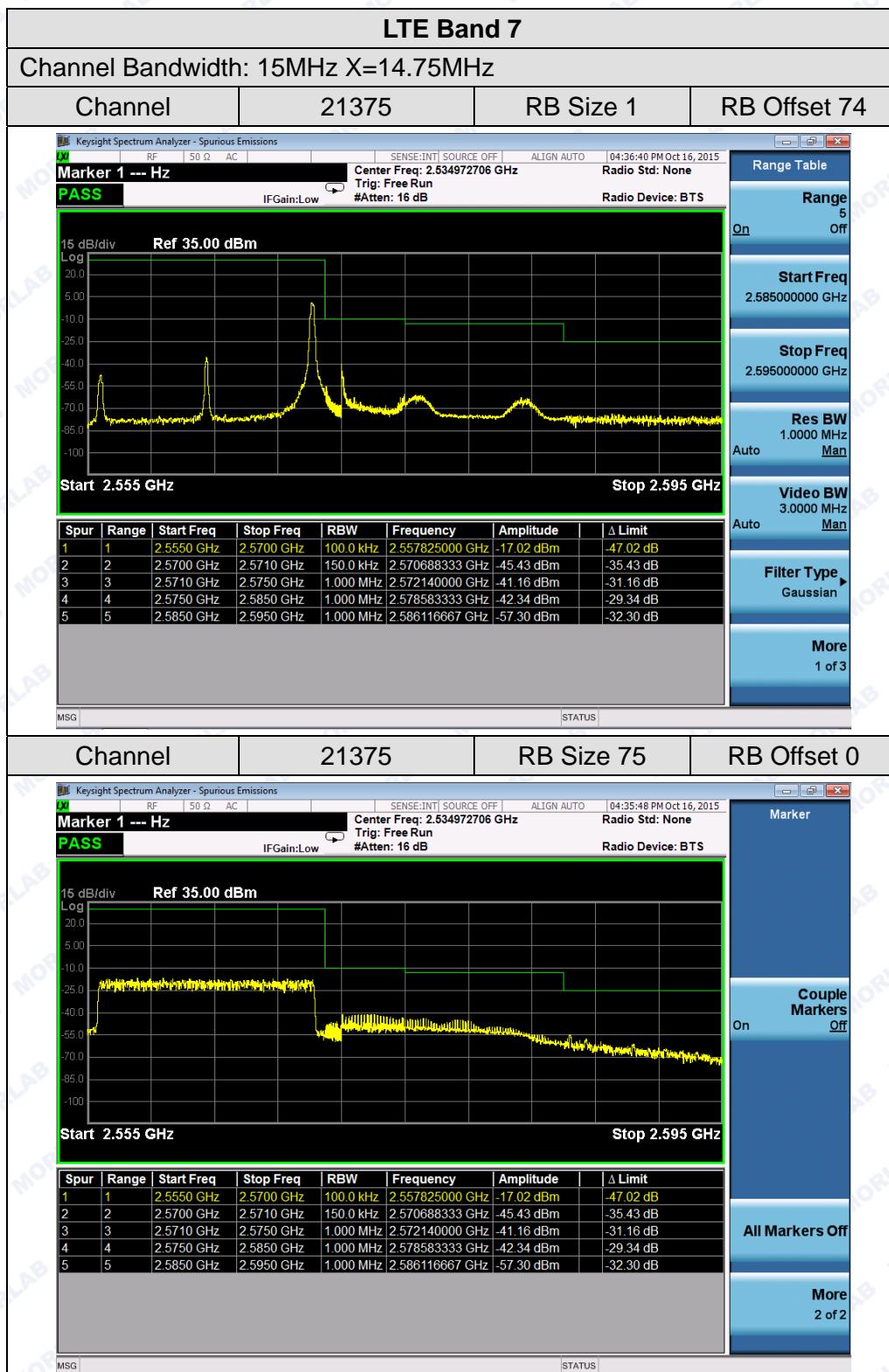


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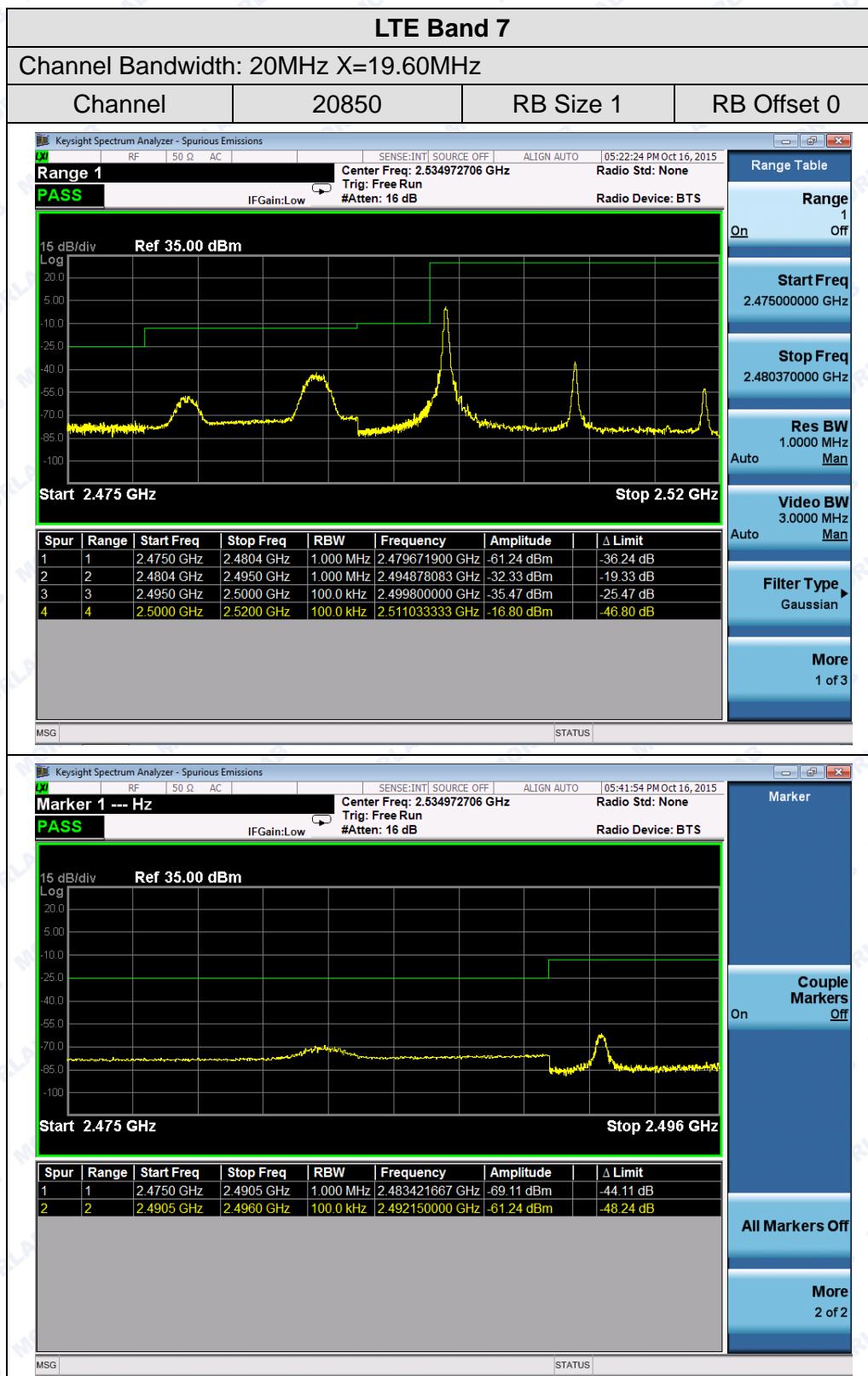
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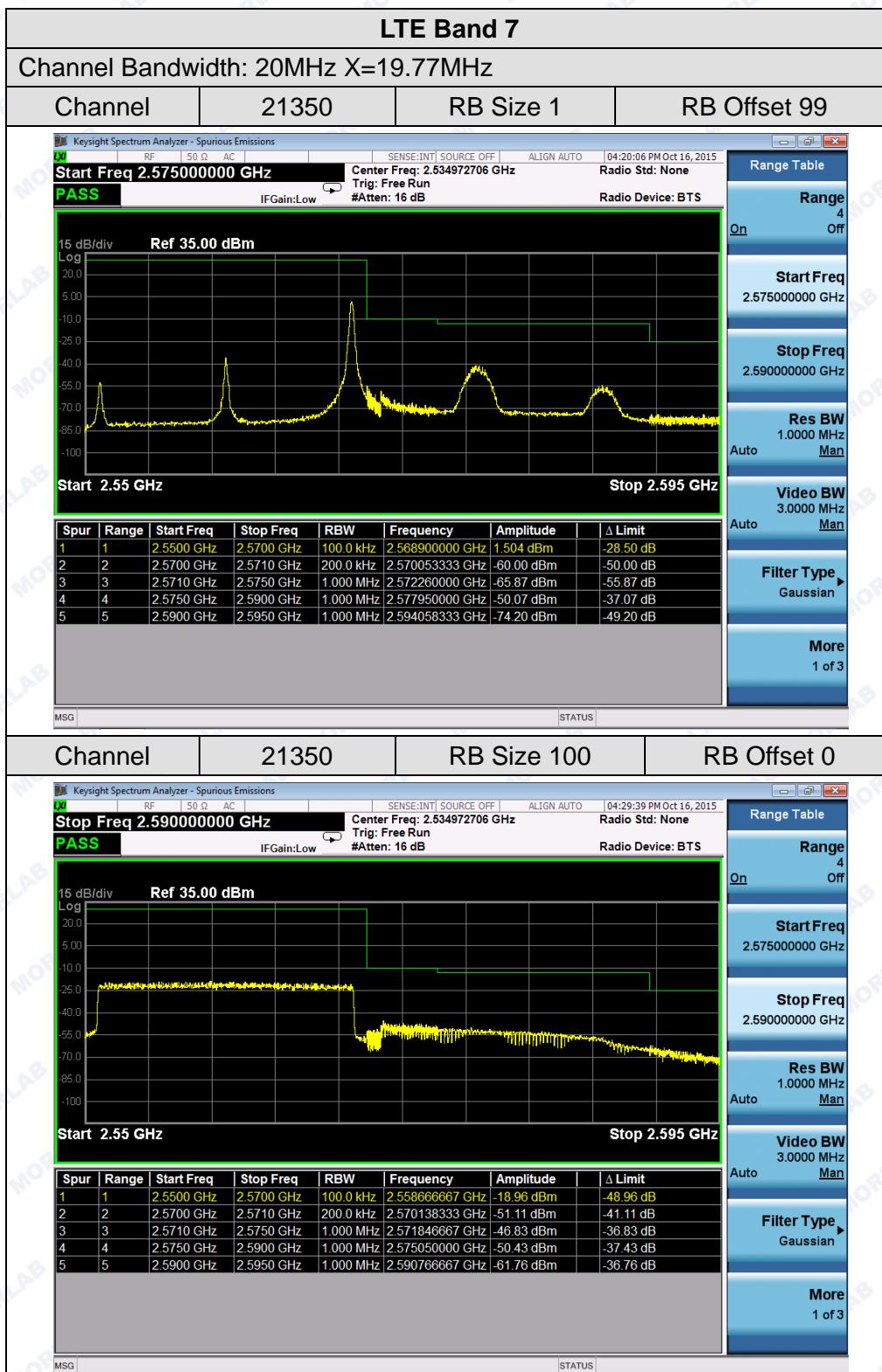


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