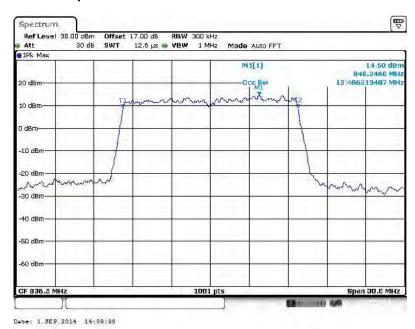
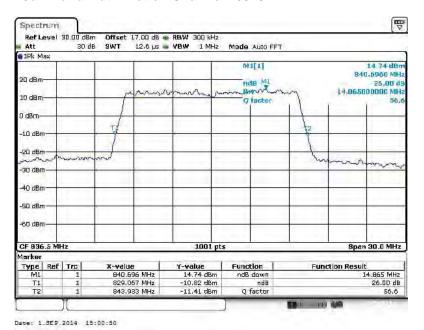
Band: LTE Band 26 **BW / Mod**.: 15MHz / 16QAM

99% Occupied Bandwidth Plot on Channel 26915



26dB Bandwidth Plot on Channel 26915



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3.5 Conducted Band Edge Measurement

3.5.1 Description of Conducted Band Edge Measurement

22.917(a) for Band 5, 26

For operations in the 824 – 849 MHz band, the FCC limit is 43 + 10log₁₀(P[Watts]) dB below the transmitter power P(Watts) in a 100kHz bandwidth. However, in the 1MHz bands immediately outside and adjacent to the licensee's frequency block, a resolution bandwidth of at least one percent of the emission bandwidth of the fundamental emission of the transmitter may be employed.

24.238 (a) for Band 2, 25

For operations in the 1850-1910 and 1930-1990 MHz band, the FCC limit is $43 + 10\log_{10}(P[Watts])$ dB below the transmitter power P(Watts) in a 1MHz bandwidth. However, in the 1 MHz bands immediately outside and adjacent to the frequency block a resolution bandwidth of at least one percent of the emission bandwidth of the fundamental emission of the transmitter may be employed.

27.53 (g) for Band 12,17

For operations in the 698 -746 MHz band, the FCC limit is 43 + 10log10(P[Watts]) dB below the transmitter power P(Watts) in a 100 kHz bandwidth. 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.

27.53 (h) for Band 4

For operations in the 1710 - 1755 MHz band, the FCC limit is $43 + 10log_{10}(P[Watts])$ dB below the transmitter power P(Watts) in a 1 MHz bandwidth. However, in the 1MHz bands immediately outside and adjacent to the licensee's frequency block, a resolution bandwidth of at least one percent of the emission bandwidth of the fundamental emission of the transmitter may be employed.

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27.53 (m)(4) for Band 7

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 that 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.

3.5.2 Measuring Instruments

The measuring equipment is listed in the section 4 of this test report.

3.5.3 Test Procedures

- 1. The EUT was connected to spectrum analyzer and system simulator via a power divider.
- The band edges of low and high channels for the highest RF powers were measured. Set RBW
 = 1% EBW in the 1MHz band immediately outside and adjacent to the band edge.
- 3. Set spectrum analyzer with RMS detector.
- 4. The RF fundamental frequency should be excluded against the limit line in the operating frequency band.
- 5. The limit line is derived from 43 + 10log(P)dB below the transmitter power P(Watts)

```
= P(W)- [43 + 10log(P)] (dB)
```

= [30 + 10log(P)] (dBm) - [43 + 10log(P)] (dB)

= -13dBm.

<For Band 7>

The limit line is derived from 55+ 10log(P)dB below the transmitter power P(Watts)

= P(W) - [55 + 10log(P)] (dB)

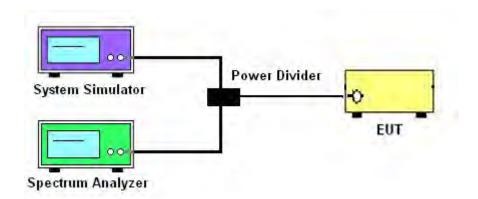
= [30 + 10log(P)] (dBm) - [55 + 10log(P)] (dB)

= -25dBm.

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3.5.4 Test Setup

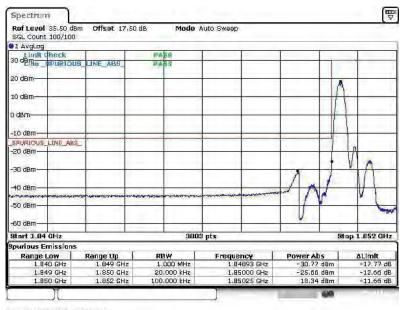


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3.5.5 Test Result (Plots) of Conducted Band Edge

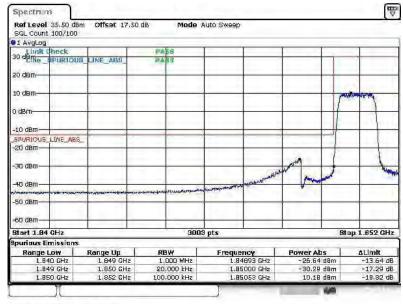
Band Width: Band: LTE Band 2 1.4MHz / QPSK

Lower Band Edge Plot for QPSK-RB Size 1, RB Offset 0



Date: 7.AUG.2014 00:40:58

Lower Band Edge Plot for QPSK-RB Size 6, RB Offset 0



Date: 7.AUG.2014 00:38:32

TEL: 86-0512-5790-0158 FAX: 86-0512-5790-0958 FCC ID: ZW9HSTNH-B406M Page Number : 155 of 463 Report Issued Date: Sep. 03, 2014

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Date: 7.AUG.2014 00:47:34

Higher Band Edge Plot for QPSK-RB Size 6, RB Offset 0



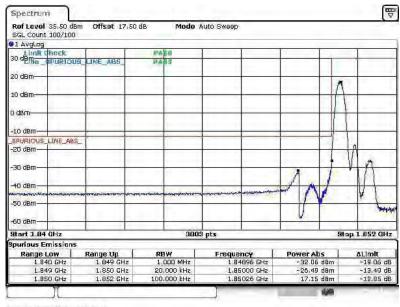
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TEL: 86-0512-5790-0158 FAX: 86-0512-5790-0958 FCC ID: ZW9HSTNH-B406M Page Number : 156 of 463
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Band: LTE Band 2 Band Width: 1.4MHz / 16QAM

Lower Band Edge Plot for 16QAM -RB Size 1, RB Offset 0



Date: 7.AUG.2014 00:43:51

Lower Band Edge Plot for 16QAM -RB Size 6, RB Offset 0

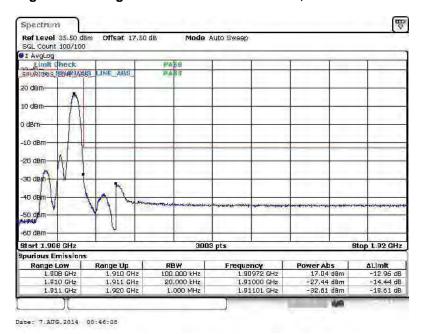


Date: 7.AUG.2014 00:28:06

SPORTON INTERNATIONAL (KUNSHAN) INC.

TEL: 86-0512-5790-0158 FAX: 86-0512-5790-0958 FCC ID: ZW9HSTNH-B406M Page Number : 157 of 463
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Higher Band Edge Plot for 16QAM -RB Size 6, RB Offset 0



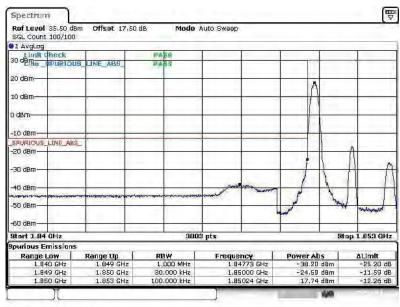
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TEL: 86-0512-5790-0158 FAX: 86-0512-5790-0958 FCC ID: ZW9HSTNH-B406M Page Number : 158 of 463
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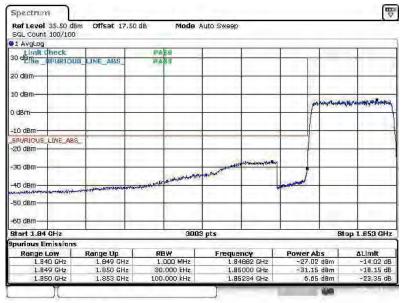
Band: LTE Band 2 Band Width: 3MHz / QPSK

Lower Band Edge Plot for QPSK-RB Size 1, RB Offset 0



Date: 6.AUG.2014 20:14:28

Lower Band Edge Plot for QPSK-RB Size 15, RB Offset 0

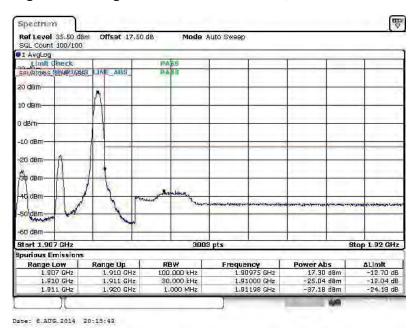


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SPORTON INTERNATIONAL (KUNSHAN) INC.

TEL: 86-0512-5790-0158 FAX: 86-0512-5790-0958 FCC ID: ZW9HSTNH-B406M Page Number : 159 of 463 Report Issued Date : Sep. 03, 2014

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Higher Band Edge Plot for QPSK-RB Size 15, RB Offset 0



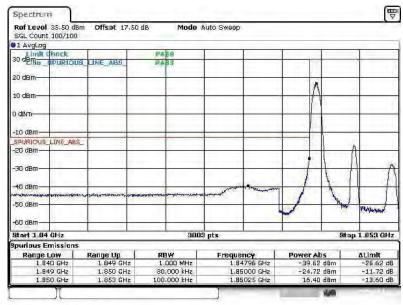
Date: 6.AUG.2014 19:52:28

TEL: 86-0512-5790-0158 FAX: 86-0512-5790-0958 FCC ID: ZW9HSTNH-B406M Page Number : 160 of 463
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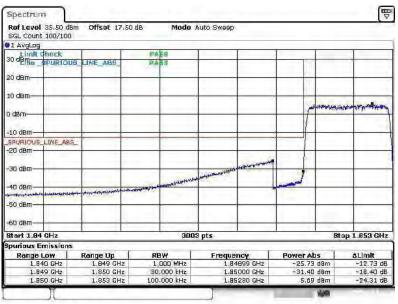
Band: LTE Band 2 Band Width: 3MHz / 16QAM

Lower Band Edge Plot for 16QAM -RB Size 1, RB Offset 0



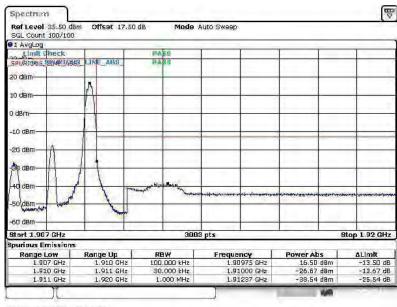
Date: 6.AUG.2014 20:12:38

Lower Band Edge Plot for 16QAM -RB Size 15, RB Offset 0



Date: 6.AUG.2014 20:07:38

TEL: 86-0512-5790-0158 FAX: 86-0512-5790-0958 FCC ID: ZW9HSTNH-B406M Page Number : 161 of 463
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Date: 6.AUG.2014 20:17:08

Higher Band Edge Plot for 16QAM -RB Size 15, RB Offset 0



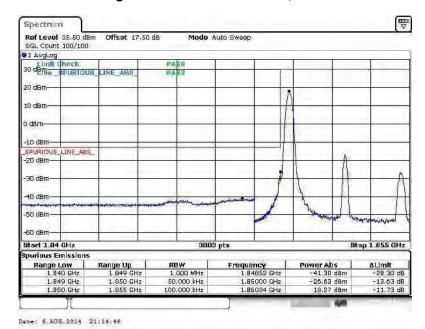
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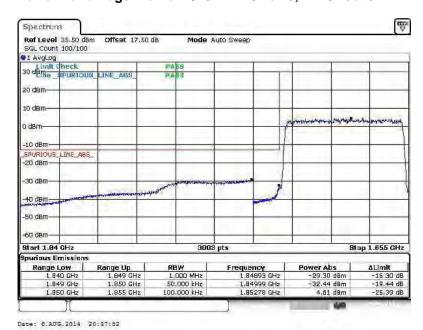
Report No.: FG460901B

Band: LTE Band 2 Band Width: 5MHz / QPSK

Lower Band Edge Plot for QPSK-RB Size 1, RB Offset 0

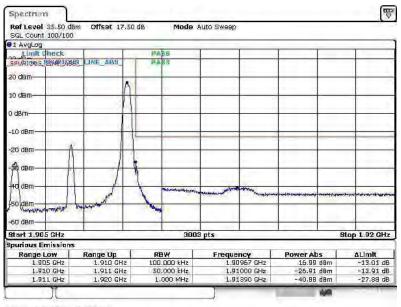


Lower Band Edge Plot for QPSK-RB Size 25, RB Offset 0



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Date: 6.AUG.2014 21:15:47

Higher Band Edge Plot for QPSK-RB Size 25, RB Offset 0



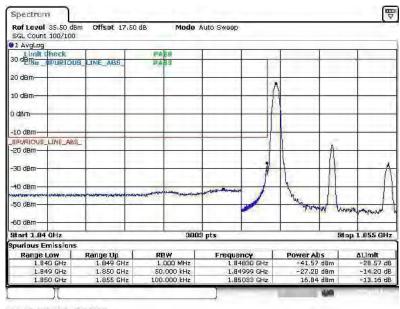
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TEL: 86-0512-5790-0158 FAX: 86-0512-5790-0958 FCC ID: ZW9HSTNH-B406M Page Number : 164 of 463 Report Issued Date: Sep. 03, 2014

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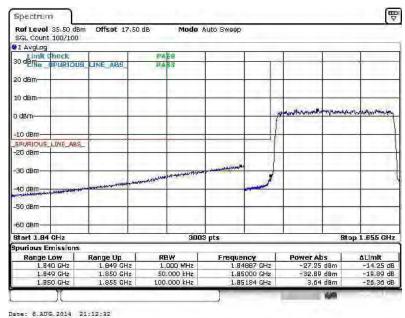
Band: LTE Band 2 Band Width: 5MHz / 16QAM

Lower Band Edge Plot for 16QAM-RB Size 1, RB Offset 0



Date: 6.AUG.2014 21:13:40

Lower Band Edge Plot for 16QAM-RB Size 25, RB Offset 0

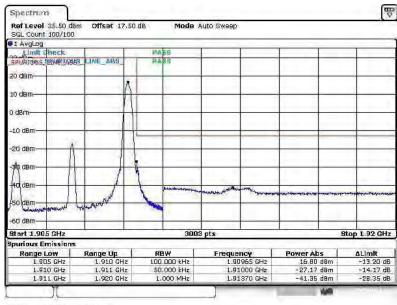


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SPORTON INTERNATIONAL (KUNSHAN) INC.

TEL: 86-0512-5790-0158 FAX: 86-0512-5790-0958 FCC ID: ZW9HSTNH-B406M Page Number : 165 of 463 Report Issued Date : Sep. 03, 2014

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Date: 6.AUG.2014 21:16:47

Higher Band Edge Plot for 16QAM-RB Size 25, RB Offset 0



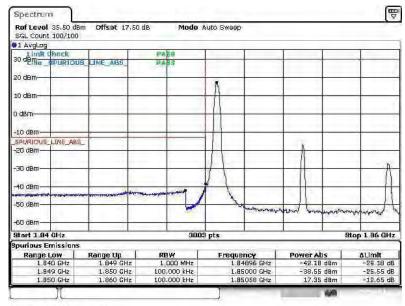
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TEL: 86-0512-5790-0158 FAX: 86-0512-5790-0958 FCC ID: ZW9HSTNH-B406M Page Number : 166 of 463
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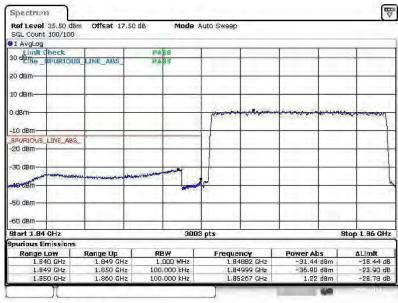
Band: LTE Band 2 Band Width: 10MHz / QPSK

Lower Band Edge Plot for QPSK-RB Size 1, RB Offset 0



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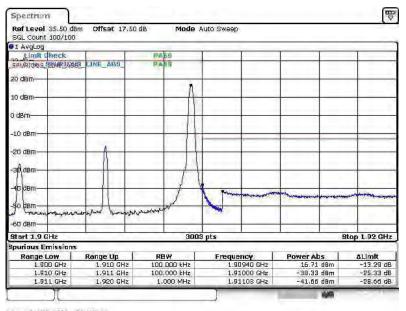
Lower Band Edge Plot for QPSK-RB Size 50, RB Offset 0



Date: 6.AUG.2014 21:27:04

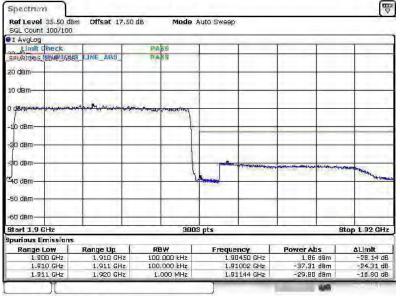
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Date: 6.AUG.2014 21:43:05

Higher Band Edge Plot for QPSK-RB Size 50, RB Offset 0



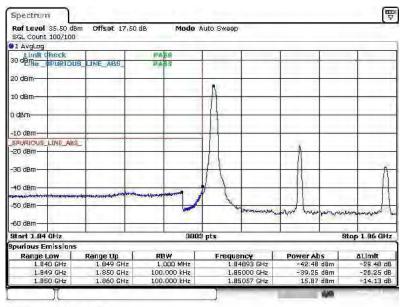
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TEL: 86-0512-5790-0158 FAX: 86-0512-5790-0958 FCC ID: ZW9HSTNH-B406M Page Number : 168 of 463
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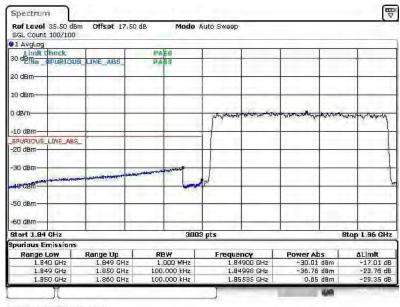
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Lower Band Edge Plot for 16QAM-RB Size 1, RB Offset 0



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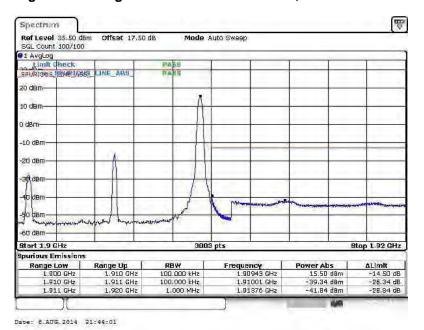
Lower Band Edge Plot for 16QAM-RB Size 50, RB Offset 0



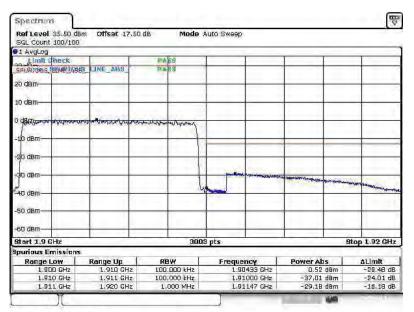
Date: 6.AUG.2014 21:39:25

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Higher Band Edge Plot for 16QAM-RB Size 50, RB Offset 0



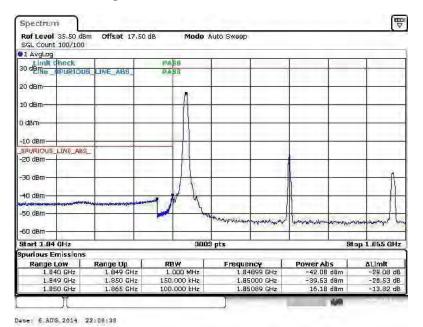
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TEL: 86-0512-5790-0158 FAX: 86-0512-5790-0958 FCC ID: ZW9HSTNH-B406M Page Number : 170 of 463
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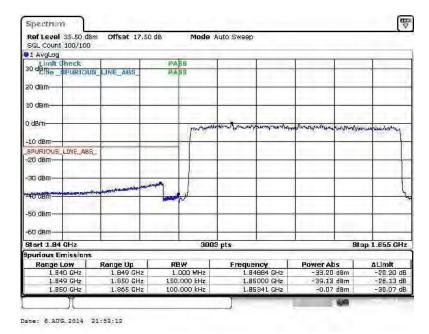
Report No.: FG460901B

Band: LTE Band 2 Band Width: 15MHz / QPSK

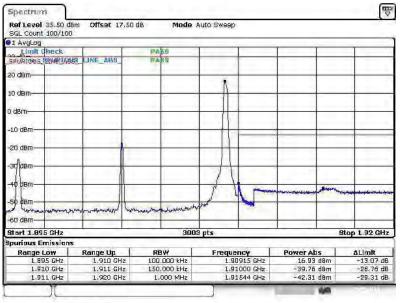
Lower Band Edge Plot for QPSK-RB Size 1, RB Offset 0



Lower Band Edge Plot for QPSK-RB Size 75, RB Offset 0

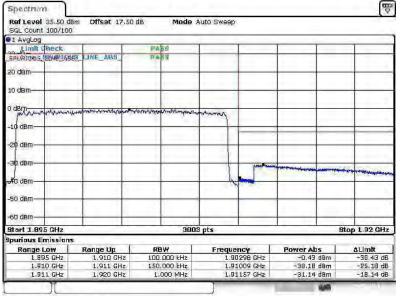


TEL: 86-0512-5790-0158 FAX: 86-0512-5790-0958 FCC ID: ZW9HSTNH-B406M Page Number : 171 of 463
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Date: 6.AUG.2014 22:09:53

Higher Band Edge Plot for QPSK-RB Size 75, RB Offset 0



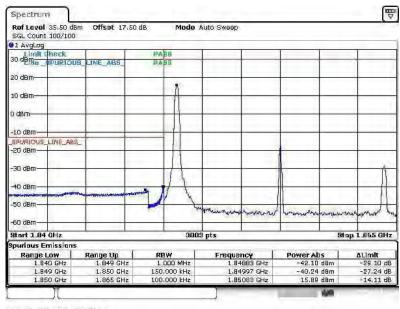
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TEL: 86-0512-5790-0158 FAX: 86-0512-5790-0958 FCC ID: ZW9HSTNH-B406M Page Number : 172 of 463
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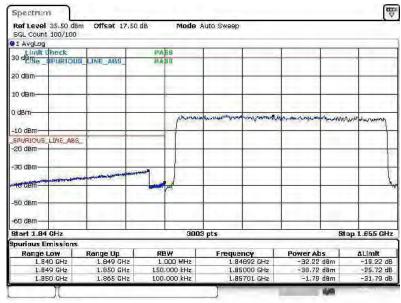
Band: LTE Band 2 Band Width: 15MHz / 16QAM

Lower Band Edge Plot for 16QAM-RB Size 1, RB Offset 0



Date: 6.AUG.2014 22:07:56

Lower Band Edge Plot for 16QAM-RB Size 75, RB Offset 0

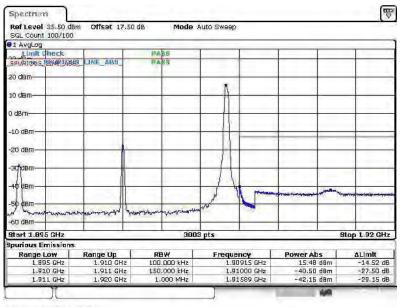


Date: 6.AUG.2014 22:07:05

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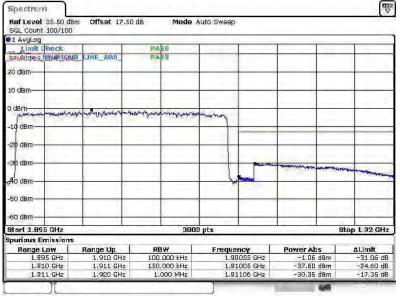
TEL: 86-0512-5790-0158 FAX: 86-0512-5790-0958 FCC ID: ZW9HSTNH-B406M Page Number : 173 of 463 Report Issued Date : Sep. 03, 2014

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Date: 6.AUG.2014 22:11:04

Higher Band Edge Plot for 16QAM-RB Size 75, RB Offset 0



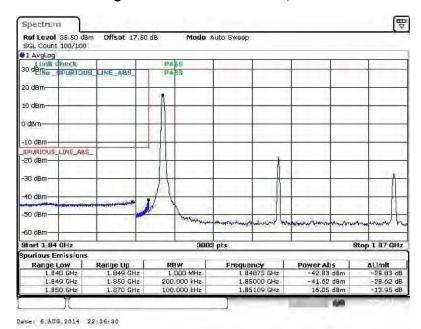
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TEL: 86-0512-5790-0158 FAX: 86-0512-5790-0958 FCC ID: ZW9HSTNH-B406M Page Number : 174 of 463 Report Issued Date: Sep. 03, 2014

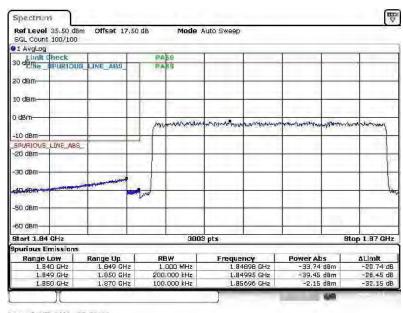
Report No.: FG460901B

Band: LTE Band 2 Band Width: 20MHz / QPSK

Lower Band Edge Plot for QPSK-RB Size 1, RB Offset 0



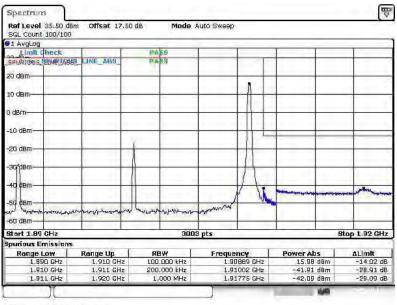
Lower Band Edge Plot for QPSK-RB Size 100, RB Offset 0



Date: 6.AUG.2014 22:20:20

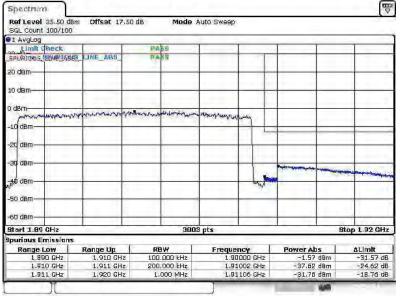
TEL: 86-0512-5790-0158 FAX: 86-0512-5790-0958 FCC ID: ZW9HSTNH-B406M Page Number : 175 of 463
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Date: 6.AUG.2014 22:37:13

Higher Band Edge Plot for QPSK-RB Size 100, RB Offset 0



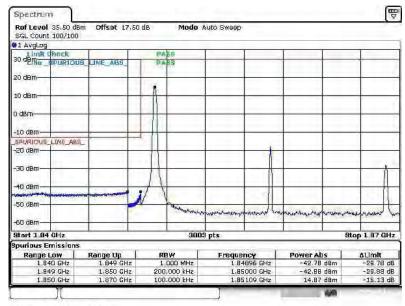
Date: 6.AUG.2014 22:25:24

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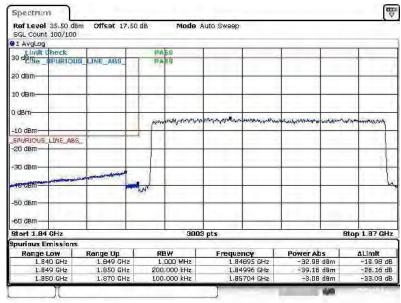
Band: LTE Band 2 Band Width: 20MHz / 16QAM

Lower Band Edge Plot for 16QAM-RB Size 1, RB Offset 0



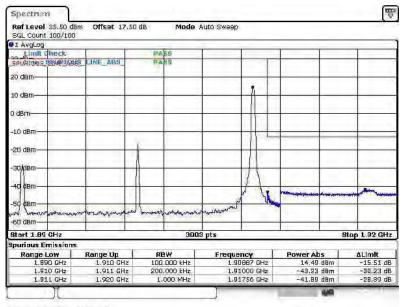
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Lower Band Edge Plot for 16QAM-RB Size 100, RB Offset 0



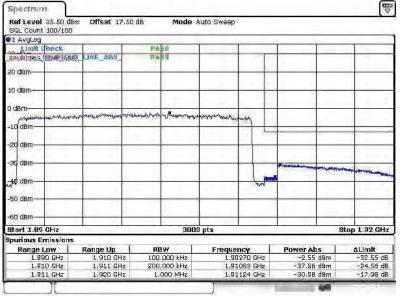
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TEL: 86-0512-5790-0158 FAX: 86-0512-5790-0958 FCC ID: ZW9HSTNH-B406M Page Number : 177 of 463
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Date: 6.AUG.2014 22:37:56

Higher Band Edge Plot for 16QAM-RB Size 100, RB Offset 0



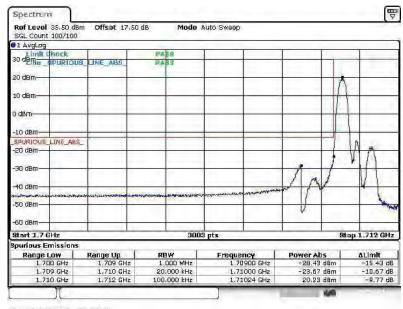
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TEL: 86-0512-5790-0158 FAX: 86-0512-5790-0958 FCC ID: ZW9HSTNH-B406M Page Number : 178 of 463 Report Issued Date: Sep. 03, 2014 Report Version

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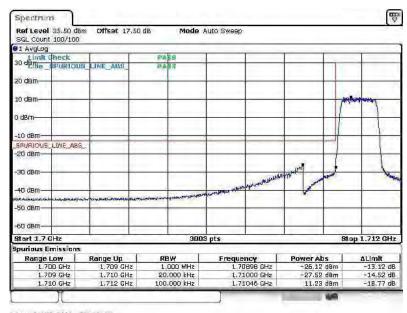
Band: LTE Band 4 Band Width: 1.4MHz / QPSK

Lower Band Edge Plot for QPSK-RB Size 1, RB Offset 0



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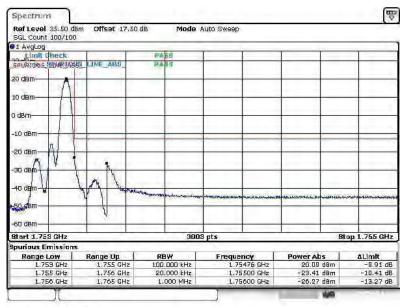
Lower Band Edge Plot for QPSK-RB Size 6, RB Offset 0



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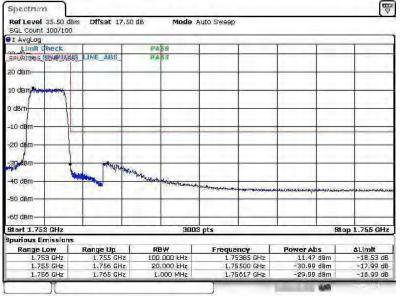
TEL: 86-0512-5790-0158 FAX: 86-0512-5790-0958 FCC ID: ZW9HSTNH-B406M Page Number : 179 of 463 Report Issued Date : Sep. 03, 2014

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Date: 6.AUG.2014 23:23:59

Higher Band Edge Plot for QPSK-RB Size 6, RB Offset 0



Date: 6.AUG.2014 23:08:31

TEL: 86-0512-5790-0158 FAX: 86-0512-5790-0958 FCC ID: ZW9HSTNH-B406M Page Number : 180 of 463
Report Issued Date : Sep. 03, 2014
Report Version : Page 04

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Band Width: Band: LTE Band 4 1.4MHz / 16QAM

Lower Band Edge Plot for 16QAM -RB Size 1, RB Offset 0



Date: 6.AUG.2014 23:20:48

Lower Band Edge Plot for 16QAM-RB Size 6, RB Offset 0



Date: 6.AUG.2014 23:19:09

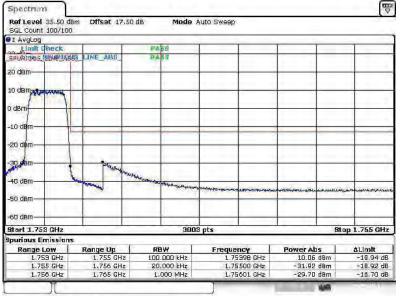
TEL: 86-0512-5790-0158 FAX: 86-0512-5790-0958 FCC ID: ZW9HSTNH-B406M Page Number : 181 of 463 Report Issued Date: Sep. 03, 2014

Report No.: FG460901B



Date: 6.AUG.2014 23:25:20

Higher Band Edge Plot for 16QAM-RB Size 6, RB Offset 0



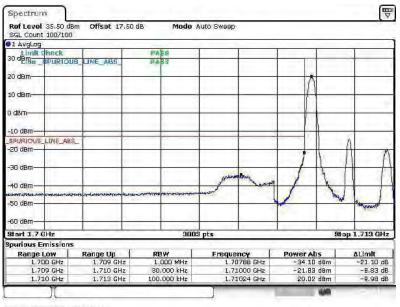
Date: 6.AUG.2014 23:12:29

TEL: 86-0512-5790-0158 FAX: 86-0512-5790-0958 FCC ID: ZW9HSTNH-B406M Page Number : 182 of 463 Report Issued Date : Sep. 03, 2014

Report No.: FG460901B

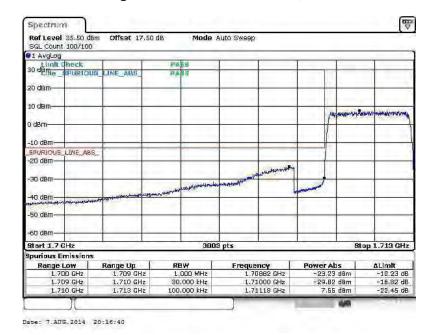
Band: LTE Band 4 Band Width: 3MHz / QPSK

Lower Band Edge Plot for QPSK-RB Size 1, RB Offset 0



Date: 7.AUG.2014 20:34:37

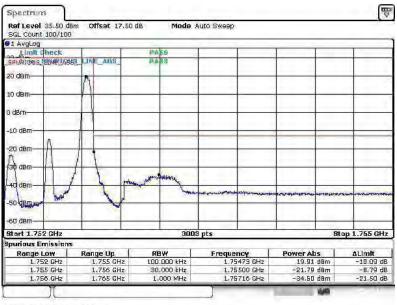
Lower Band Edge Plot for QPSK-RB Size 15, RB Offset 0



SPORTON INTERNATIONAL (KUNSHAN) INC.

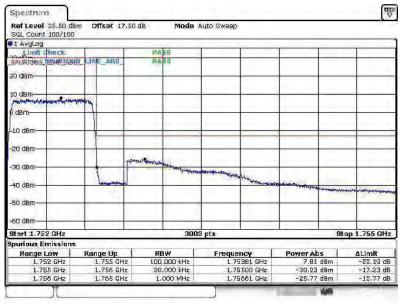
TEL: 86-0512-5790-0158 FAX: 86-0512-5790-0958 FCC ID: ZW9HSTNH-B406M Page Number : 183 of 463 Report Issued Date : Sep. 03, 2014

Report No.: FG460901B



Date: 7.AUG.2014 20:35:40

Higher Band Edge Plot for QPSK-RB Size 15, RB Offset 0



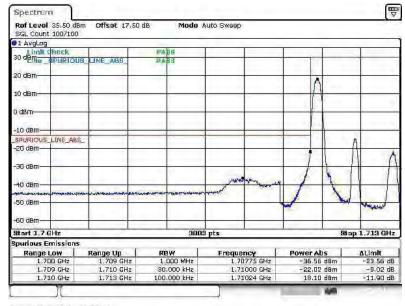
Date: 7.AUG.2014 20:24:36

TEL: 86-0512-5790-0158 FAX: 86-0512-5790-0958 FCC ID: ZW9HSTNH-B406M Page Number : 184 of 463 Report Issued Date: Sep. 03, 2014

Report No.: FG460901B

Band: LTE Band 4 Band Width: 3MHz / 16QAM

Lower Band Edge Plot for 16QAM-RB Size 1, RB Offset 0



Date: 7.AUG.2014 20:33:35

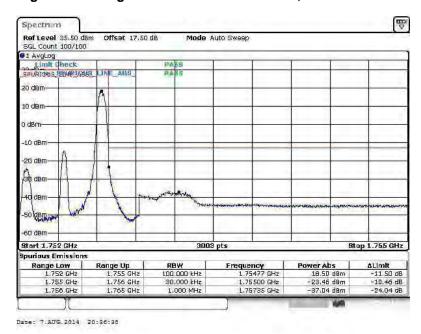
Lower Band Edge Plot for 16QAM-RB Size 15, RB Offset 0



Date: 7.AUG.2014 20:32:36

TEL: 86-0512-5790-0158 FAX: 86-0512-5790-0958 FCC ID: ZW9HSTNH-B406M Page Number : 185 of 463 Report Issued Date : Sep. 03, 2014

Report No.: FG460901B



Higher Band Edge Plot for 16QAM-RB Size 15, RB Offset 0



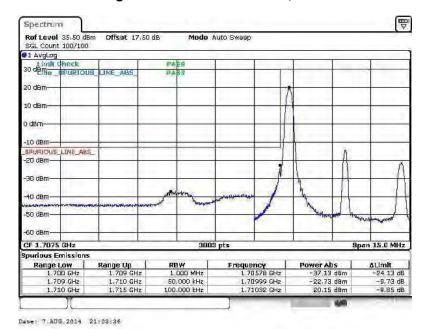
Date: 7.AUG.2014 20:28:04

TEL: 86-0512-5790-0158 FAX: 86-0512-5790-0958 FCC ID: ZW9HSTNH-B406M Page Number : 186 of 463 Report Issued Date: Sep. 03, 2014

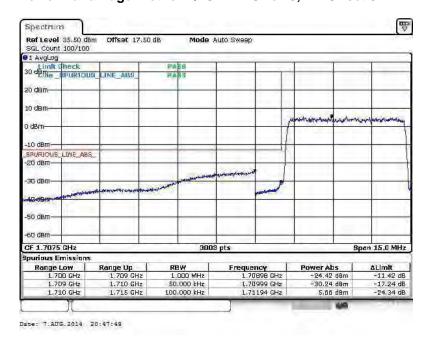
Report No.: FG460901B

Band: LTE Band 4 Band Width: 5MHz / QPSK

Lower Band Edge Plot for QPSK-RB Size 1, RB Offset 0

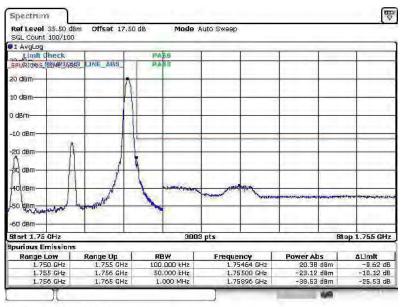


Lower Band Edge Plot for QPSK-RB Size 25, RB Offset 0



SPORTON INTERNATIONAL (KUNSHAN) INC.

TEL: 86-0512-5790-0158 FAX: 86-0512-5790-0958 FCC ID: ZW9HSTNH-B406M Page Number : 187 of 463
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Date: 7.AUG.2014 21:04:42

Higher Band Edge Plot for QPSK-RB Size 25, RB Offset 0



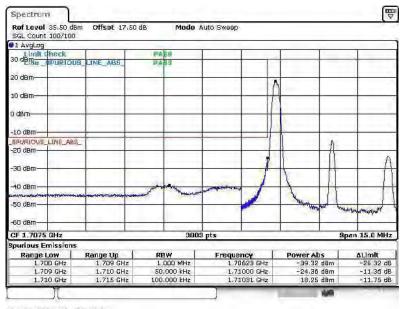
Date: 7.AUG.2014 20:55:08

TEL: 86-0512-5790-0158 FAX: 86-0512-5790-0958 FCC ID: ZW9HSTNH-B406M Page Number : 188 of 463
Report Issued Date : Sep. 03, 2014

Report No.: FG460901B

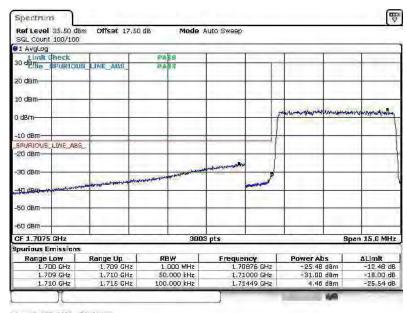
Band: LTE Band 4 Band Width: 5MHz / 16QAM

Lower Band Edge Plot for 16QAM-RB Size 1, RB Offset 0



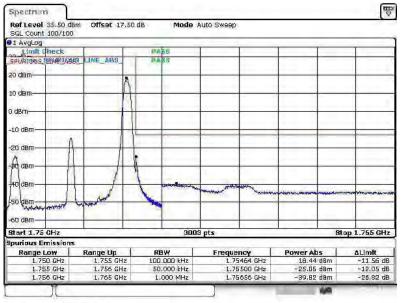
Date: 7.AUG.2014 21:02:36

Lower Band Edge Plot for 16QAM-RB Size 25, RB Offset 0



Date: 7.AUG.2014 21:01:34

TEL: 86-0512-5790-0158 FAX: 86-0512-5790-0958 FCC ID: ZW9HSTNH-B406M Page Number : 189 of 463
Report Issued Date : Sep. 03, 2014
Report Version : Rev. 01



Date: 7.AUG.2014 21:05:48

Higher Band Edge Plot for 16QAM-RB Size 25, RB Offset 0

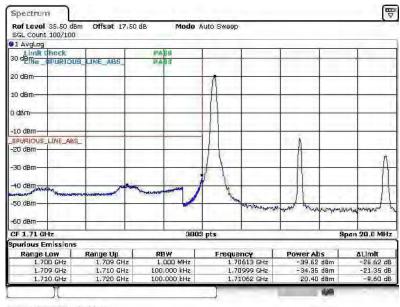


Date: 7.AUG.2014 20:57:28

TEL: 86-0512-5790-0158 FAX: 86-0512-5790-0958 FCC ID: ZW9HSTNH-B406M Page Number : 190 of 463 Report Issued Date: Sep. 03, 2014 Report Version : Rev. 01

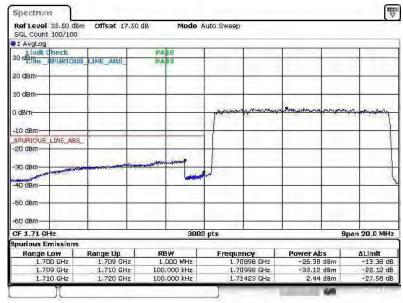
Band: LTE Band 4 Band Width: 10MHz / QPSK

Lower Band Edge Plot for QPSK-RB Size 1, RB Offset 0



Date: 7.AUG.2014 21:33:34

Lower Band Edge Plot for QPSK-RB Size 50, RB Offset 0

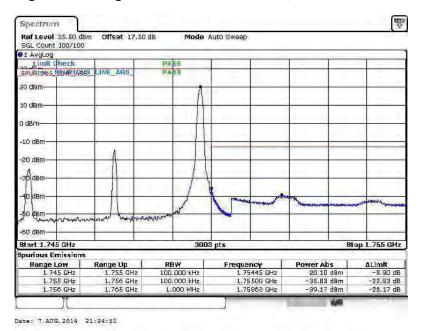


Date: 7.AUG.2014 21:16:50

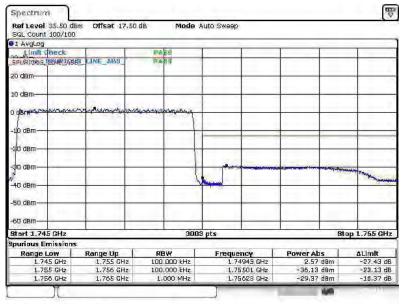
SPORTON INTERNATIONAL (KUNSHAN) INC.

TEL: 86-0512-5790-0158 FAX: 86-0512-5790-0958 FCC ID: ZW9HSTNH-B406M Page Number : 191 of 463
Report Issued Date : Sep. 03, 2014

Report No.: FG460901B



Higher Band Edge Plot for QPSK-RB Size 50, RB Offset 0



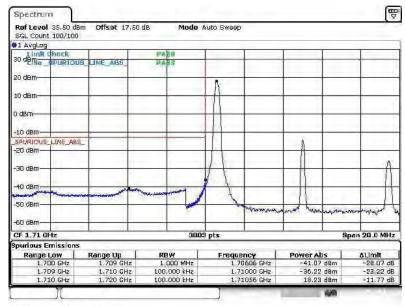
Date: 7.AUG.2014 21:21:53

TEL: 86-0512-5790-0158 FAX: 86-0512-5790-0958 FCC ID: ZW9HSTNH-B406M Page Number : 192 of 463
Report Issued Date : Sep. 03, 2014

Report No.: FG460901B

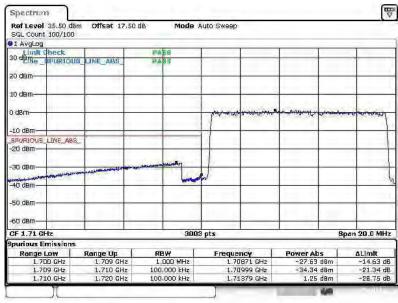
Band: LTE Band 4 Band Width: 10MHz / 16QAM

Lower Band Edge Plot for 16QAM-RB Size 1, RB Offset 0



Date: 7.AUG.2014 21:32:16

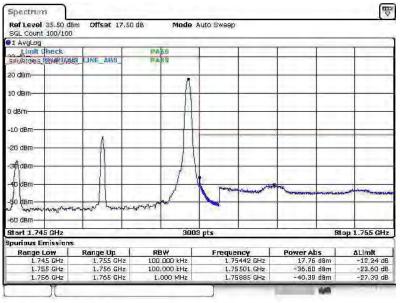
Lower Band Edge Plot for 16QAM-RB Size 50, RB Offset 0



Date: 7.AUG.2014 21:30:04

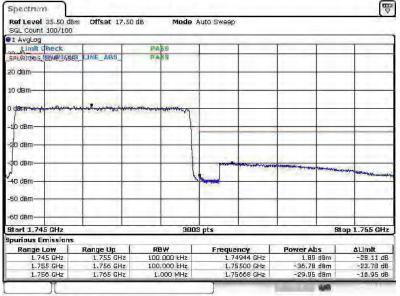
TEL: 86-0512-5790-0158 FAX: 86-0512-5790-0958 FCC ID: ZW9HSTNH-B406M Page Number : 193 of 463
Report Issued Date : Sep. 03, 2014

Report No.: FG460901B



Date: 7.AUG.2014 21:36:32

Higher Band Edge Plot for 16QAM-RB Size 50, RB Offset 0



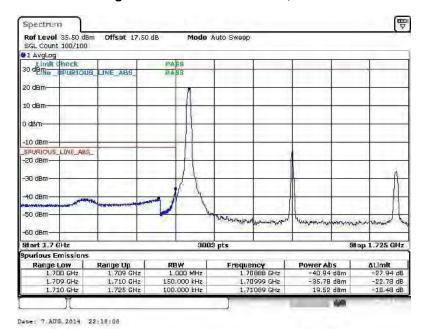
Date: 7.AUG.2014 21:25:39

TEL: 86-0512-5790-0158 FAX: 86-0512-5790-0958 FCC ID: ZW9HSTNH-B406M Page Number : 194 of 463
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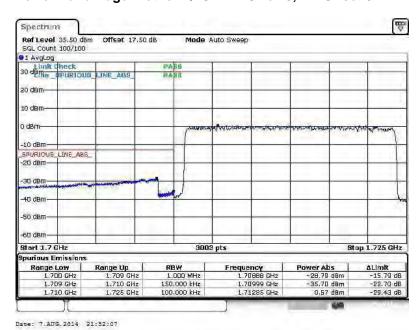
Report No.: FG460901B

Band: LTE Band 4 Band Width: 15MHz / QPSK

Lower Band Edge Plot for QPSK-RB Size 1, RB Offset 0

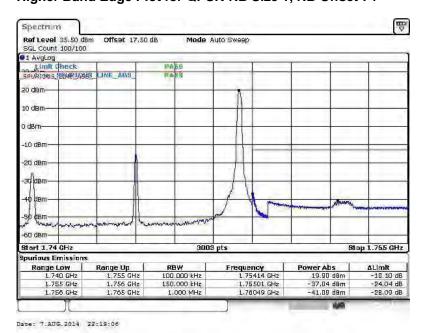


Lower Band Edge Plot for QPSK-RB Size 75, RB Offset 0

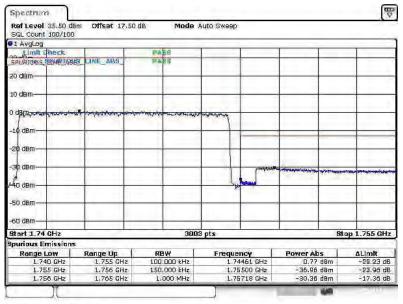


SPORTON INTERNATIONAL (KUNSHAN) INC.

TEL: 86-0512-5790-0158 FAX: 86-0512-5790-0958 FCC ID: ZW9HSTNH-B406M Page Number : 195 of 463
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Higher Band Edge Plot for QPSK-RB Size 75, RB Offset 0



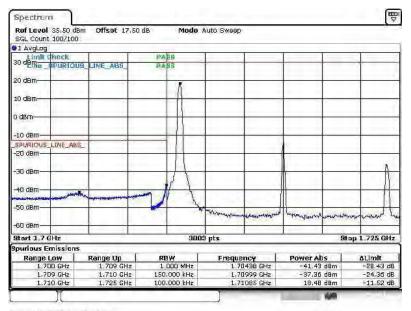
Date: 7.AUG.2014 22:01:02

TEL: 86-0512-5790-0158 FAX: 86-0512-5790-0958 FCC ID: ZW9HSTNH-B406M Page Number : 196 of 463 Report Issued Date : Sep. 03, 2014

Report No.: FG460901B

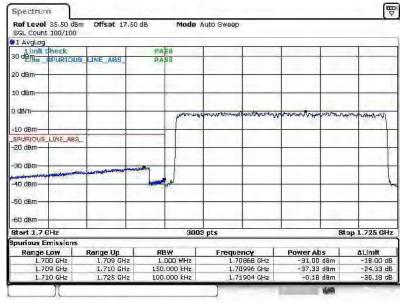
Band: LTE Band 4 Band Width: 15MHz / 16QAM

Lower Band Edge Plot for 16QAM-RB Size 1, RB Offset 0



Date: 7.AUG.2014 22:16:47

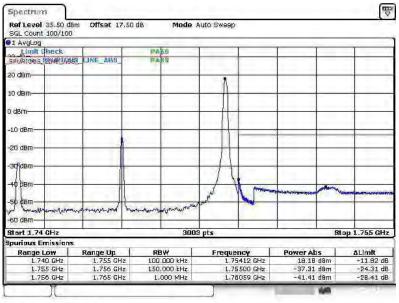
Lower Band Edge Plot for 16QAM-RB Size 75, RB Offset 0



Date: 7.AUG.2014 22:14:54

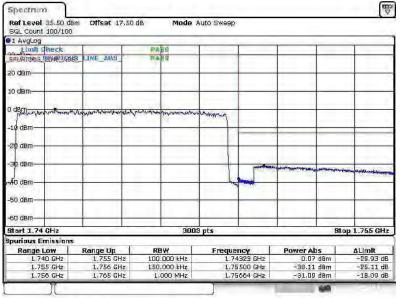
TEL: 86-0512-5790-0158 FAX: 86-0512-5790-0958 FCC ID: ZW9HSTNH-B406M Page Number : 197 of 463 Report Issued Date : Sep. 03, 2014

Report No.: FG460901B



Date: 7.AUG.2014 22:20:58

Higher Band Edge Plot for 16QAM-RB Size 75, RB Offset 0



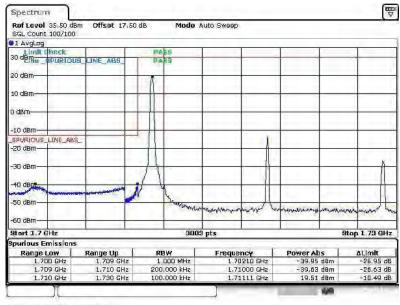
Date: 7.AUG.2014 22:04:46

TEL: 86-0512-5790-0158 FAX: 86-0512-5790-0958 FCC ID: ZW9HSTNH-B406M Page Number : 198 of 463 Report Issued Date: Sep. 03, 2014

Report No.: FG460901B

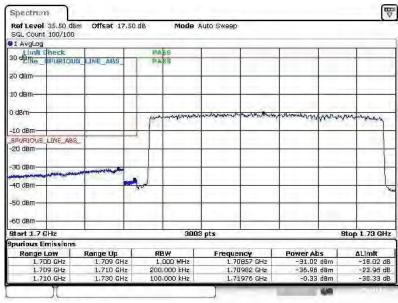
Band: LTE Band 4 Band Width: 20MHz / QPSK

Lower Band Edge Plot for QPSK-RB Size 1, RB Offset 0



Date: 7.AUG.2014 23:22:42

Lower Band Edge Plot for QPSK-RB Size 100, RB Offset 0

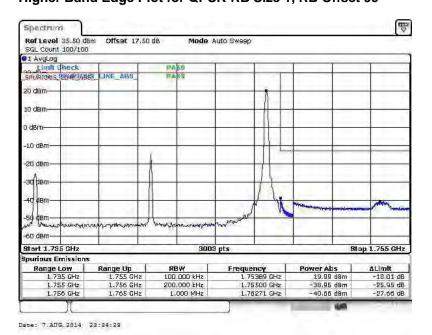


Date: 7.AUG.2014 22:50:49

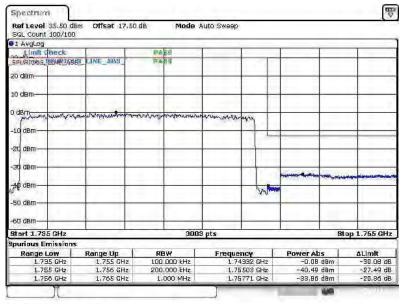
SPORTON INTERNATIONAL (KUNSHAN) INC.

TEL: 86-0512-5790-0158 FAX: 86-0512-5790-0958 FCC ID: ZW9HSTNH-B406M Page Number : 199 of 463
Report Issued Date : Sep. 03, 2014

Report No.: FG460901B



Higher Band Edge Plot for QPSK-RB Size 100, RB Offset 0



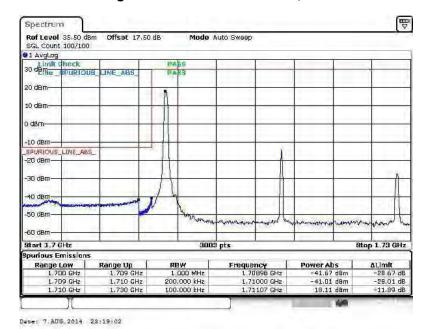
Date: 7.AUG.2014 22:59:41

TEL: 86-0512-5790-0158 FAX: 86-0512-5790-0958 FCC ID: ZW9HSTNH-B406M Page Number : 200 of 463
Report Issued Date : Sep. 03, 2014

Report No.: FG460901B

Band Width: Band: LTE Band 4 20MHz / 16QAM

Lower Band Edge Plot for 16QAM-RB Size 1, RB Offset 0





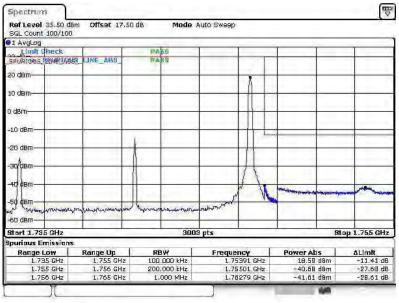
SPORTON INTERNATIONAL (KUNSHAN) INC.

TEL: 86-0512-5790-0158 FAX: 86-0512-5790-0958 FCC ID: ZW9HSTNH-B406M Page Number : 201 of 463 Report Issued Date: Sep. 03, 2014

Report No.: FG460901B

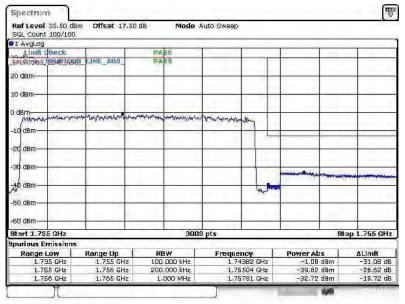
FCC RF Test Report

Higher Band Edge Plot for 16QAM-RB Size 1, RB Offset 99



Date: 7.AUG.2014 23:37:15

Higher Band Edge Plot for 16QAM-RB Size 100, RB Offset 0



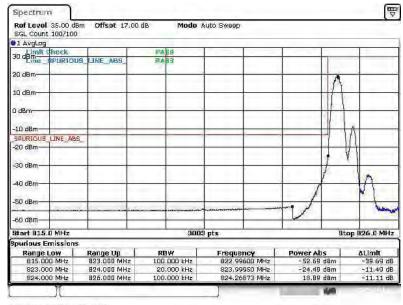
Date: 7.AUG.2014 23:04:07

TEL: 86-0512-5790-0158 FAX: 86-0512-5790-0958 FCC ID: ZW9HSTNH-B406M Page Number : 202 of 463
Report Issued Date : Sep. 03, 2014

Report No.: FG460901B

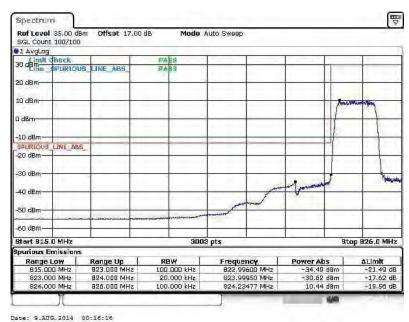
Band: LTE Band 5 Band Width: 1.4MHz / QPSK

Lower Band Edge Plot for QPSK-RB Size 1, RB Offset 0



Date: 9.AUG.2014 00:48:28

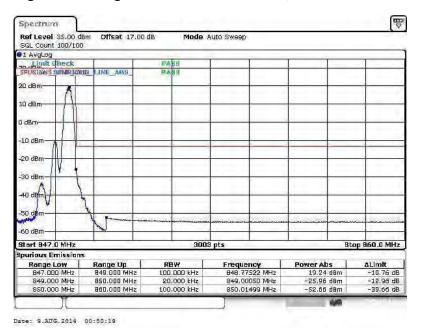
Lower Band Edge Plot for QPSK-RB Size 6, RB Offset 0



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TEL: 86-0512-5790-0158 FAX: 86-0512-5790-0958 FCC ID: ZW9HSTNH-B406M Page Number : 203 of 463
Report Issued Date : Sep. 03, 2014

Report No.: FG460901B



Higher Band Edge Plot for QPSK-RB Size 6, RB Offset 0



Date: 9.AUG.2014 00:24:59

TEL: 86-0512-5790-0158 FAX: 86-0512-5790-0958 FCC ID: ZW9HSTNH-B406M Page Number : 204 of 463
Report Issued Date : Sep. 03, 2014

Report No.: FG460901B

Band: LTE Band 5 Band Width: 1.4MHz / 16QAM

Lower Band Edge Plot for 16QAM -RB Size 1, RB Offset 0



Date: 9.AUG.2014 00:46:41

Lower Band Edge Plot for 16QAM -RB Size 6, RB Offset 0

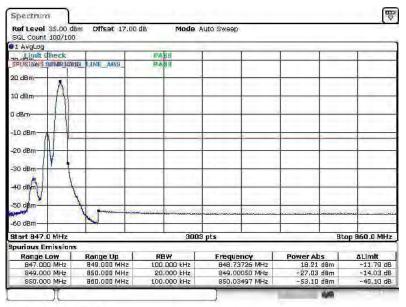


Date: 9.AUG.2014 00:44:31

SPORTON INTERNATIONAL (KUNSHAN) INC.

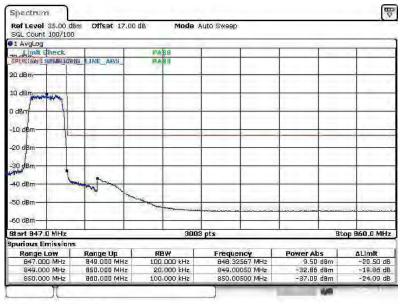
TEL: 86-0512-5790-0158 FAX: 86-0512-5790-0958 FCC ID: ZW9HSTNH-B406M Page Number : 205 of 463
Report Issued Date : Sep. 03, 2014

Report No.: FG460901B



Date: 9.AUG.2014 00:52:41

Higher Band Edge Plot for 16QAM -RB Size 6, RB Offset 0



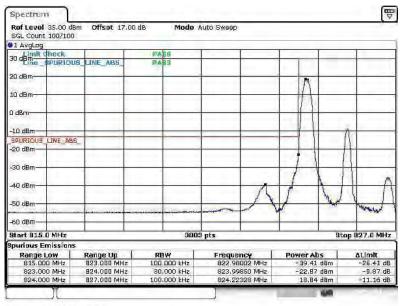
Date: 9.AUG.2014 00:39:33

TEL: 86-0512-5790-0158 FAX: 86-0512-5790-0958 FCC ID: ZW9HSTNH-B406M Page Number : 206 of 463
Report Issued Date : Sep. 03, 2014

Report No.: FG460901B

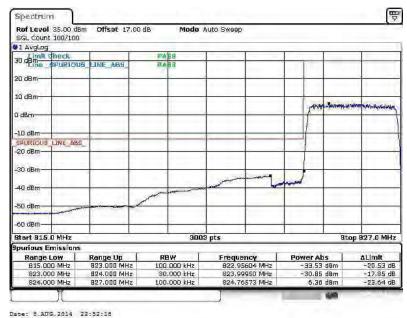
Band: LTE Band 5 Band Width: 3MHz / QPSK

Lower Band Edge Plot for QPSK-RB Size 1, RB Offset 0



Date: 8.AUG.2014 23:04:31

Lower Band Edge Plot for QPSK-RB Size 15, RB Offset 0

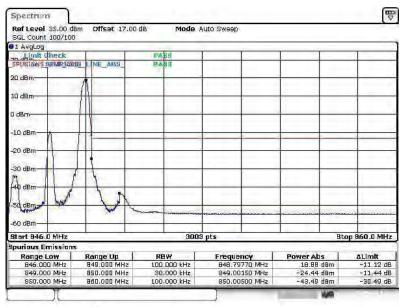


Date: 8.AUG.2014 22:52:1

SPORTON INTERNATIONAL (KUNSHAN) INC.

TEL: 86-0512-5790-0158 FAX: 86-0512-5790-0958 FCC ID: ZW9HSTNH-B406M Page Number : 207 of 463
Report Issued Date : Sep. 03, 2014

Report No.: FG460901B



Date: 8.AUG.2014 23:05:46

Higher Band Edge Plot for QPSK-RB Size 15, RB Offset 0



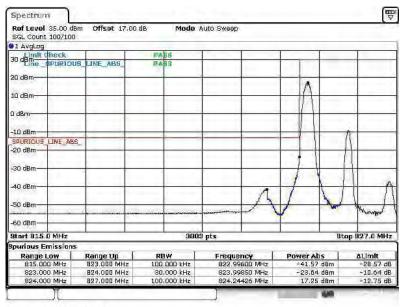
Date: 8.AUG.2014 22:55:37

TEL: 86-0512-5790-0158 FAX: 86-0512-5790-0958 FCC ID: ZW9HSTNH-B406M Page Number : 208 of 463
Report Issued Date : Sep. 03, 2014

Report No.: FG460901B

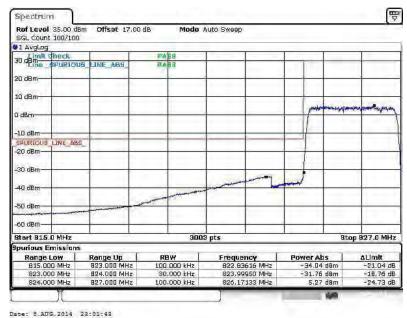
Band: LTE Band 5 Band Width: 3MHz / 16QAM

Lower Band Edge Plot for 16QAM -RB Size 1, RB Offset 0



Date: 8.AUG.2014 23:03:10

Lower Band Edge Plot for 16QAM -RB Size 15, RB Offset 0

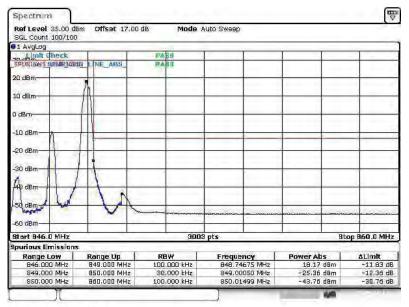


Date: 8.AUG.2014 23:01:42

SPORTON INTERNATIONAL (KUNSHAN) INC.

TEL: 86-0512-5790-0158 FAX: 86-0512-5790-0958 FCC ID: ZW9HSTNH-B406M Page Number : 209 of 463 Report Issued Date : Sep. 03, 2014

Report No.: FG460901B



Date: 8.AUG.2014 23:07:11

Higher Band Edge Plot for 16QAM -RB Size 15, RB Offset 0



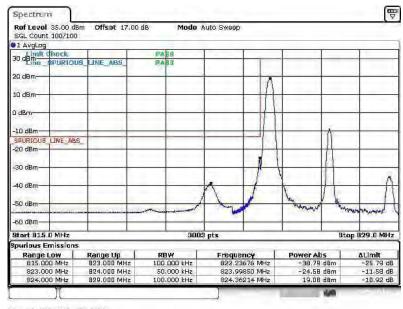
Date: 8.AUG.2014 22:57:59

TEL: 86-0512-5790-0158 FAX: 86-0512-5790-0958 FCC ID: ZW9HSTNH-B406M Page Number : 210 of 463 Report Issued Date : Sep. 03, 2014

Report No.: FG460901B

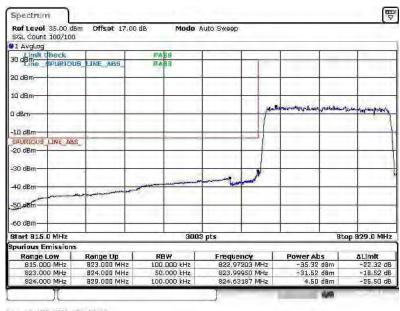
Band: LTE Band 5 **Band Width:** 5MHz / QPSK

Lower Band Edge Plot for QPSK-RB Size 1, RB Offset 0



Date: 8.AUG.2014 23:29:09

Lower Band Edge Plot for QPSK-RB Size 25, RB Offset 0

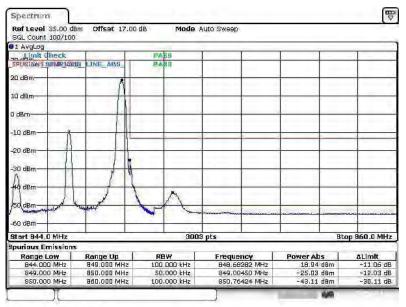


Date: 8.AUG.2014 23:16:23

SPORTON INTERNATIONAL (KUNSHAN) INC.

TEL: 86-0512-5790-0158 FAX: 86-0512-5790-0958 FCC ID: ZW9HSTNH-B406M Page Number : 211 of 463 Report Issued Date: Sep. 03, 2014

Report No.: FG460901B



Date: 8.AUG.2014 23:30:16

Higher Band Edge Plot for QPSK-RB Size 25, RB Offset 0



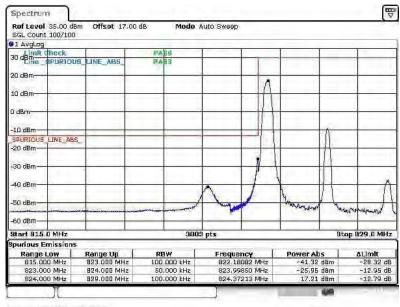
Date: 8.AUG.2014 23:20:15

TEL: 86-0512-5790-0158 FAX: 86-0512-5790-0958 FCC ID: ZW9HSTNH-B406M Page Number : 212 of 463
Report Issued Date : Sep. 03, 2014

Report No.: FG460901B

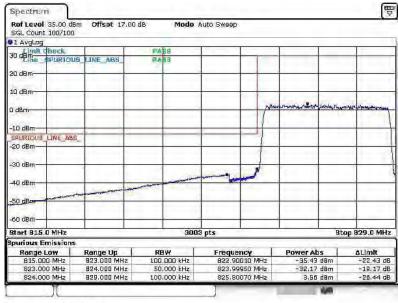
Band: LTE Band 5 Band Width: 5MHz / 16QAM

Lower Band Edge Plot for 16QAM -RB Size 1, RB Offset 0



Date: 8.AUG.2014 23:28:04

Lower Band Edge Plot for 16QAM -RB Size 25, RB Offset 0

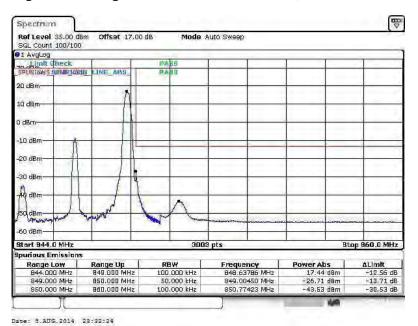


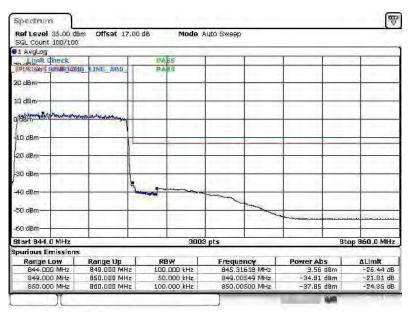
Date: 8.AUG.2014 23:26:55

SPORTON INTERNATIONAL (KUNSHAN) INC.

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Higher Band Edge Plot for 16QAM -RB Size 25, RB Offset 0

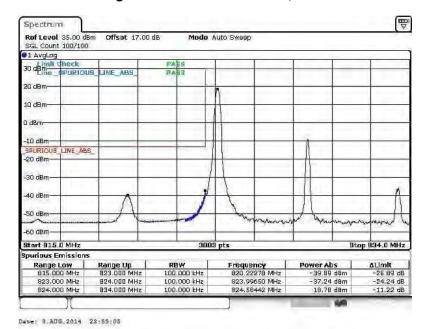
Date: 8.AUG.2014 23:23:08

TEL: 86-0512-5790-0158 FAX: 86-0512-5790-0958 FCC ID: ZW9HSTNH-B406M Page Number : 214 of 463 Report Issued Date : Sep. 03, 2014

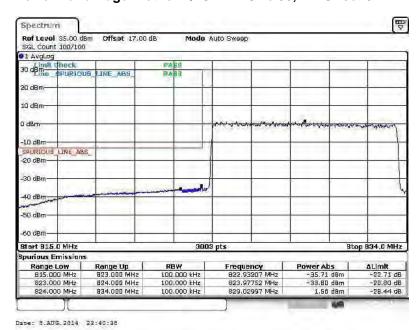
Report No.: FG460901B

Band: LTE Band 5 Band Width: 10MHz / QPSK

Lower Band Edge Plot for QPSK-RB Size 1, RB Offset 0

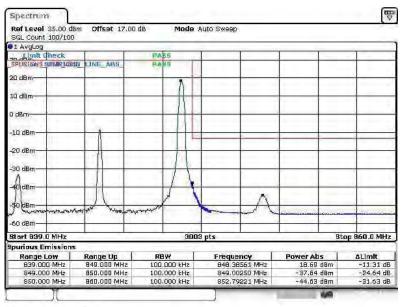


Lower Band Edge Plot for QPSK-RB Size 50, RB Offset 0



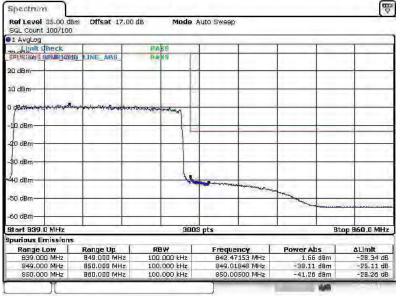
SPORTON INTERNATIONAL (KUNSHAN) INC.

TEL: 86-0512-5790-0158 FAX: 86-0512-5790-0958 FCC ID: ZW9HSTNH-B406M Page Number : 215 of 463
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Date: 8.AUG.2014 23:56:12

Higher Band Edge Plot for QPSK-RB Size 50, RB Offset 0



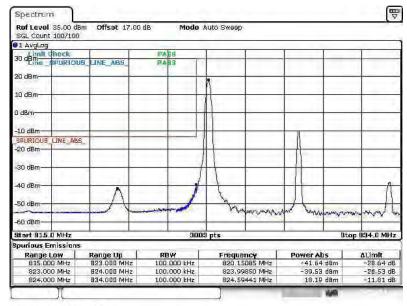
Date: 8.AUG.2014 23:44:51

TEL: 86-0512-5790-0158 FAX: 86-0512-5790-0958 FCC ID: ZW9HSTNH-B406M Page Number : 216 of 463
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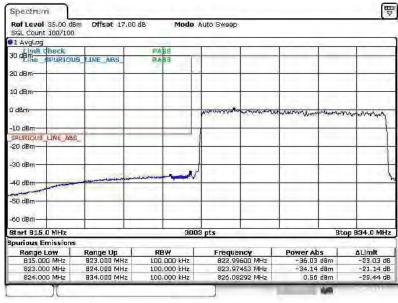
Band: LTE Band 5 Band Width: 10MHz / 16QAM

Lower Band Edge Plot for 16QAM -RB Size 1, RB Offset 0



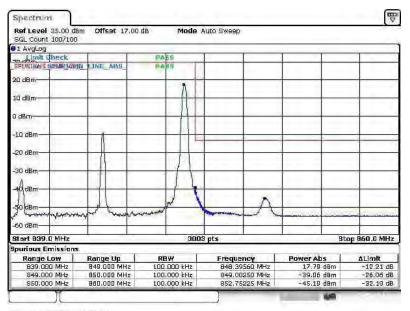
Date: 8.AUG.2014 23:53:57

Lower Band Edge Plot for 16QAM -RB Size 50, RB Offset 0



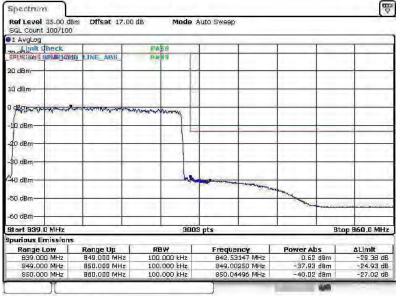
Date: 8.AUG.2014 23:53:03

TEL: 86-0512-5790-0158 FAX: 86-0512-5790-0958 FCC ID: ZW9HSTNH-B406M Page Number : 217 of 463
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Date: 8.AUG.2014 23:57:43

Higher Band Edge Plot for 16QAM -RB Size 50, RB Offset 0



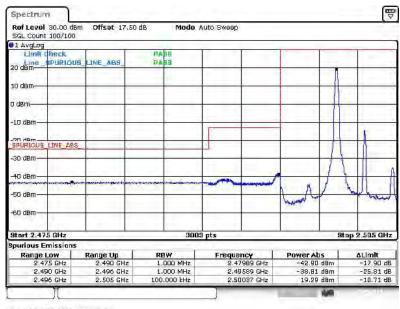
Date: 8.AUG.2014 23:47:55

TEL: 86-0512-5790-0158 FAX: 86-0512-5790-0958 FCC ID: ZW9HSTNH-B406M Page Number : 218 of 463
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Report No.: FG460901B

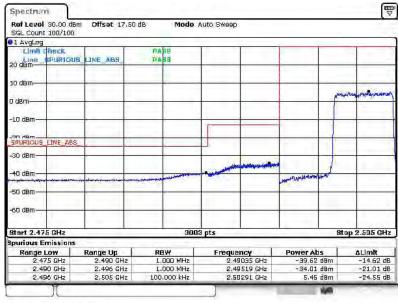
Band: LTE Band 7 **Band Width:** 5MHz / QPSK

Lower Band Edge Plot for QPSK-RB Size 1, RB Offset 0



Date: 28.AUG.2014 12:40:06

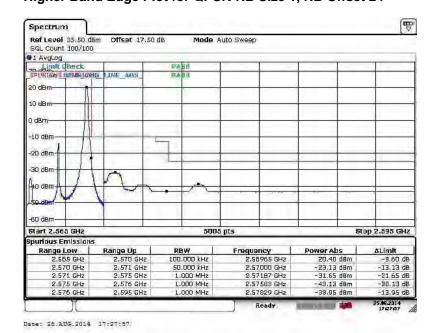
Lower Band Edge Plot for QPSK-RB Size 25, RB Offset 0



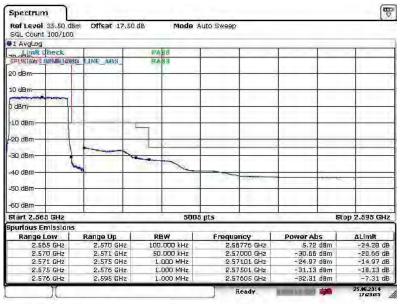
Date: 28.AUG.2014 12:37:24

TEL: 86-0512-5790-0158 FAX: 86-0512-5790-0958 FCC ID: ZW9HSTNH-B406M Page Number : 219 of 463 Report Issued Date : Sep. 03, 2014

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Higher Band Edge Plot for QPSK-RB Size 25, RB Offset 0



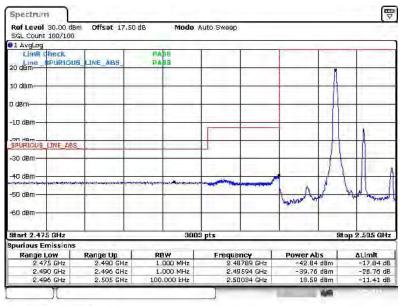
Date: 25.AUG.2014 17:23:35

TEL: 86-0512-5790-0158 FAX: 86-0512-5790-0958 FCC ID: ZW9HSTNH-B406M Page Number : 220 of 463
Report Issued Date : Sep. 03, 2014

Report No.: FG460901B

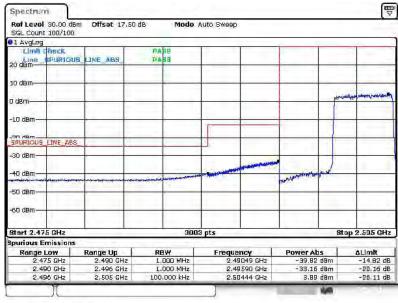
Band: LTE Band 7 Band Width: 5MHz / 16QAM

Lower Band Edge Plot for 16QAM-RB Size 1, RB Offset 0



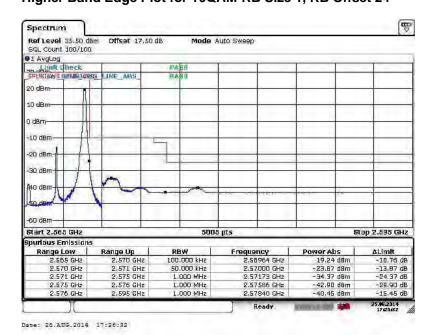
Date: 28.AUG.2014 12:39:01

Lower Band Edge Plot for 16QAM-RB Size 25, RB Offset 0

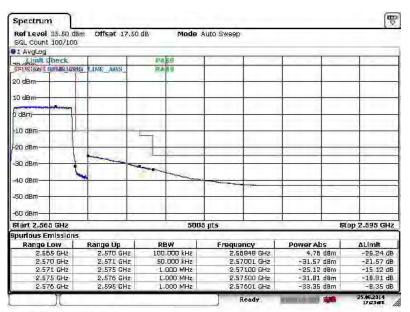


Date: 28.AUG.2014 12:38:18

TEL: 86-0512-5790-0158 FAX: 86-0512-5790-0958 FCC ID: ZW9HSTNH-B406M Page Number : 221 of 463
Report Issued Date : Sep. 03, 2014
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Higher Band Edge Plot for 16QAM-RB Size 25, RB Offset 0



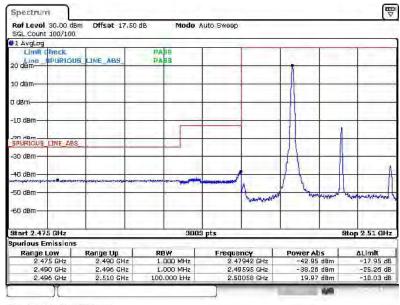
Date: 25.AUG.2014 17:25:08

TEL: 86-0512-5790-0158 FAX: 86-0512-5790-0958 FCC ID: ZW9HSTNH-B406M Page Number : 222 of 463
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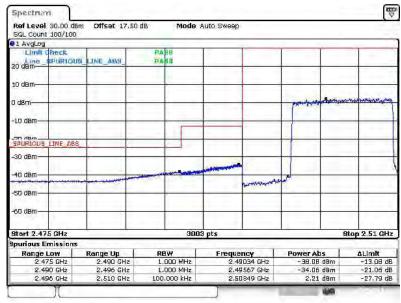
Band: LTE Band 7 Band Width: 10MHz / QPSK

Lower Band Edge Plot for QPSK-RB Size 1, RB Offset 0



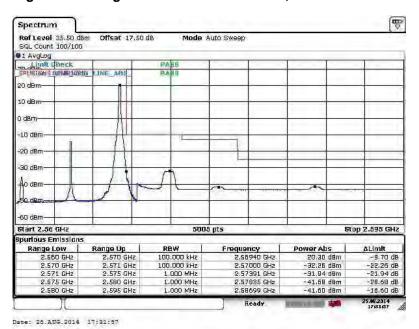
Date: 28.AUG.2014 12:41:31

Lower Band Edge Plot for QPSK-RB Size 50, RB Offset 0

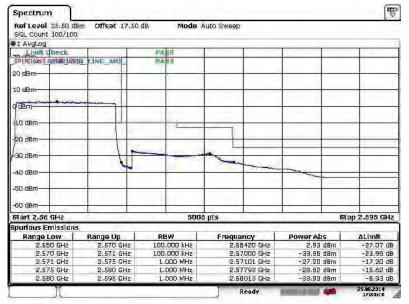


Date: 28.AUG.2014 12:48:42

TEL: 86-0512-5790-0158 FAX: 86-0512-5790-0958 FCC ID: ZW9HSTNH-B406M Page Number : 223 of 463
Report Issued Date : Sep. 03, 2014
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Higher Band Edge Plot for QPSK-RB Size 50, RB Offset 0



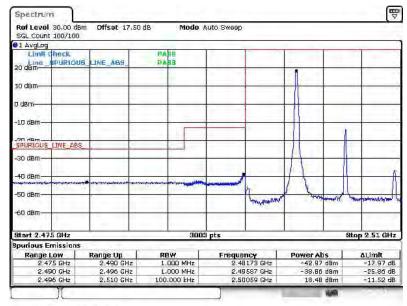
Date: 25.AUG.2014 17:30:18

TEL: 86-0512-5790-0158 FAX: 86-0512-5790-0958 FCC ID: ZW9HSTNH-B406M Page Number : 224 of 463 Report Issued Date: Sep. 03, 2014

Report No.: FG460901B

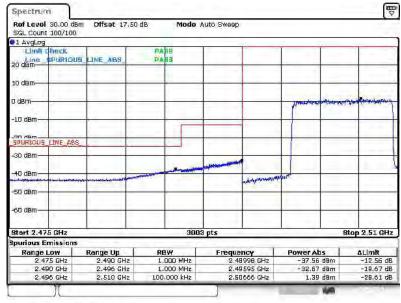
Band: LTE Band 7 Band Width: 10MHz / 16QAM

Lower Band Edge Plot for 16QAM-RB Size 1, RB Offset 0



Date: 28.AUG.2014 12:42:28

Lower Band Edge Plot for 16QAM-RB Size 50, RB Offset 0



Date: 28.AUG.2014 12:43:11

TEL: 86-0512-5790-0158 FAX: 86-0512-5790-0958 FCC ID: ZW9HSTNH-B406M Page Number : 225 of 463 Report Issued Date : Sep. 03, 2014

Report No.: FG460901B