

**Application for Certification  
For a RF Transmitter**

Celio Technology Corporation  
265 E 100 South, Suite 280  
Salt Lake City, UT 84111

Smart Phone Companion  
M/N: REDFLY C8-N (Inclusive of REDFLY C7)

FCC ID: VVU73122

REPORT # UT96011B-002

This report was prepared in accordance with the requirements of the FCC Rules and Regulations Part 2, Subpart J, 2.1033, Part 15.247, and other applicable sections of the rules as indicated herein.

Prepared By:

DNB Engineering, Inc.  
1100 E Chalk Creek Road  
Coalville, UT 84017

10 Sep 2008

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## 1.0 ADMINISTRATIVE DATA

### 1.1 Certifications and Qualifications

I certify that DNB Engineering, Inc conducted the tests performed in order to obtain the technical data presented in this application. Also, based on the results of the enclosed data, I have concluded that the equipment tested meets or exceeds the requirements of the Rules and Regulations governing this application.

### 1.2 Measurement Repeatability Information

The test data presented in this report has been acquired using the guidelines set forth in FCC Part 2.1031 through 2.1057, Part 15. The test results presented in this document are valid only for the equipment identified herein under the test conditions described. Repeatability of these test results will only be achieved with identical measurement conditions. These conditions include: The same test distance, EUT Height, Measurement Site Characteristics, and the same EUT System Components. The system must have the same Interconnecting Cables arranged in identical placement to that in the test set-up, with the system and/or EUT functioning in the identical mode of operation (i.e. software and so on) as on the date of the test. Any deviation from the test conditions and the environment on the date of the test may result in measurement repeatability difficulties.

All changes made to the EUT during the course of testing as identified in this test report must be incorporated into the EUT or identical models to ensure compliance with the FCC regulations.



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## 2.1033 (b) (1) Application for Certification

Name of Applicant: Celio Technology Corporation  
265 E 100 South, Suite 280  
Salt Lake City, UT 84111

FRN Number: 0017194887

Applicant is: X Celio Technology Corporation  
Vendor  
Licensee  
Prospective Licensee  
Other

Name of Manufacturer: Sanmina - SCI Systems  
De Mexico SA DE CV  
Carretera Guadalajara-Chapala, Km 15.5 No 29, Tlajomlco de Zuniga C.P.  
Jalisco, Jalisco 45640, Mexico

Description: Smart Phone Companion

Part Number: REDFLY C8-N (Inclusive of REDFLY C7)

Anticipated Production Quantity: Multiple Units

Frequency Band: 2401.3 - 2480.7 MHz

Rated Power: 1.1mW

Type of Signal: FHSS

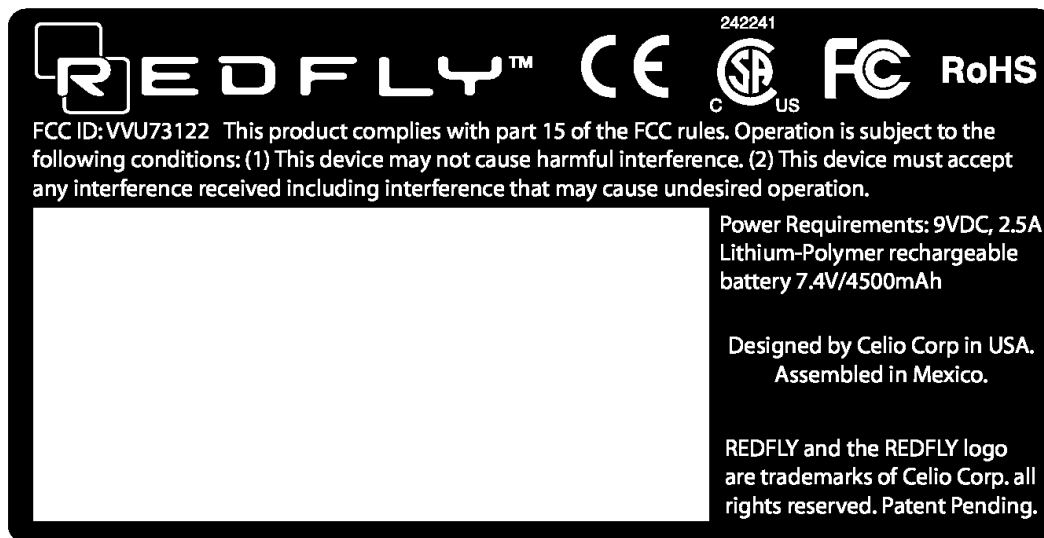
Hopping Channels: 79

Max Data Rate: 1Mbps / 2Mbps / 3Mbps  
(Depending on attached phone link)

2.1033 (b) (2) FCC Identifier

FCC ID: VVU73122

Figure 1 - Label and location



2.1033 (b) (3) Installation and Operating Instructions

Supplied separately.

#### 2.1033 (b) (4) Brief Description of Circuit Function

Celio Corporation's new smart phone companion, is designed to give smart phones a larger screen and keyboard for surfing the Web, viewing and editing Office document, etc. The Redfly doesn't have its own processor or operating system; it syncs over USB or Bluetooth 2.0 with your smart phone and extends Windows Mobile to an 8-inch display. Business users will like the built-in VGA port for putting on presentations with PowerPoint Mobile and plug in USB drive to access files on the go.

## 2.1033 (b) (5) Block Diagram

Supplied separately for confidentiality.



## 2.1033 (b) (6) Report of Measurements

## 15.207 Conducted Emissions (General Provisions)

### Test Procedure:

To measure conducted emissions, the EUT was set upon a wooden table in the shielded enclosure. AC power was fed into the EUT from the Artificial Mains Network. With the Artificial Mains Network connected to an HP 8568B Spectrum Analyzer, and using the HP 9825 Computer/Controller and the HP 85864B EMI Measurement Software, the spectrum was searched from 0.15 - 30 MHz for emissions emanating from the EUT.

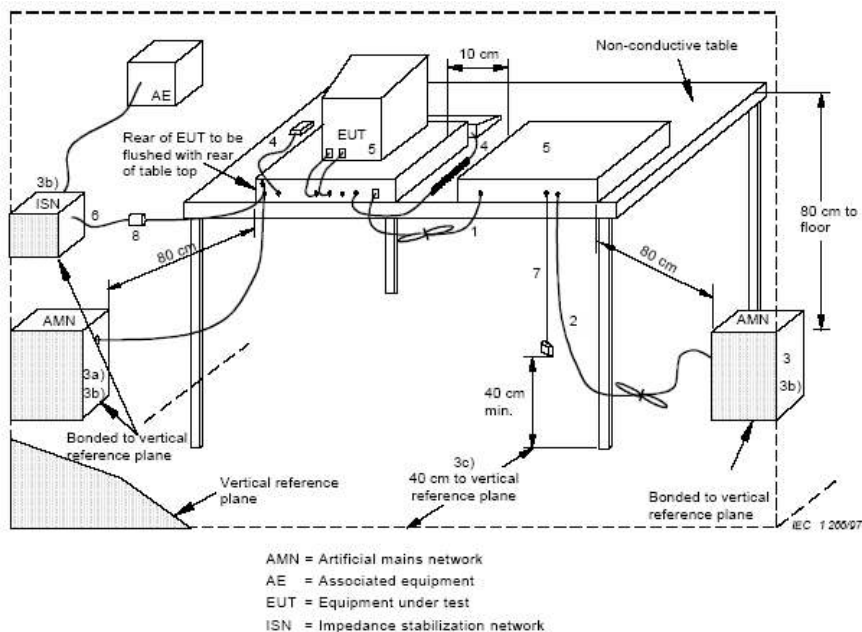
| Frequency of emission (MHz) | Conducted Limit (dBuV) |           |
|-----------------------------|------------------------|-----------|
|                             | Quasi-Peak             | Average   |
| 0.15 - 0.5                  | 66 to 56*              | 56 to 46* |
| 0.5 - 5                     | 56                     | 46        |
| 5 - 30                      | 60                     | 50        |

\* Decreases with the logarithm of the frequency.

### EUT operating conditions:

The software provided by the client to enable the EUT to transmit continuously.

### Test Set Up:






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## Conducted Emissions

|                 |                                      |                   |                                 |
|-----------------|--------------------------------------|-------------------|---------------------------------|
| DNB Job Number: | 96011                                | Date: 12 Aug 2008 | Specification<br><br>[X] 15.207 |
| Customer:       | Celio Technology Corporation         |                   |                                 |
| Model Number:   | REDFLY C8-N (Inclusive of REDFLY C7) |                   |                                 |
| Description:    | RF Transmitter                       |                   |                                 |
|                 | Set Up                               |                   |                                 |



|   |                         |  |       |       |                              |               |                                 |               |                  |
|---|-------------------------|--|-------|-------|------------------------------|---------------|---------------------------------|---------------|------------------|
|  |                         | 1100 E Chalk Creek Road<br>Coalville, UT 84017<br>(435) 336-4433<br>FAX (435) 336-4436 |       |       | <b>Conducted Emissions</b>   |               |                                 |               |                  |
| DNB Job Number:   |                         | 96011  |       |       | Date: 12 Aug 2008            |               | Specification<br><br>[X] 15.207 |               |                  |
| Customer:   |                         | Celio Technology Corporation   |       |       |                              |               |                                 |               |                  |
| Model Number:   |                         | REDFLY C8-N (Inclusive of REDFLY C7)   |       |       |                              |               |                                 |               |                  |
| Description:  |                         | RF Transmitter   |       |       |                              |               |                                 |               |                  |
|   |                         | Top Magnetic Corp Supply - Phase Conductor   |       |       |                              |               |                                 |               |                  |
| Freq<br>in<br>Mhz   | Raw<br>Meter<br>Reading | Correction Factors   |       |       | Corrected<br>Reading<br>dBuV | Limit<br>dBuV | Delta                           | Limit<br>Type | Detector<br>Type |
|   |                         | LISN   | Cable | Total |                              |               |                                 |               |                  |
|   |                         | dB   | dB    | dB    |                              |               |                                 |               |                  |
| 0.150   | 33.6                    | 0.3  | 0.2   | 0.5   | 34.1                         | 56.0          | -21.9                           | AVE           | AVE              |
| 0.150   | 58.5                    | 0.3  | 0.2   | 0.5   | 59.0                         | 66.0          | -7.0                            | QP            | QP               |
| 0.186   | 33.3                    | 0.2  | 0.2   | 0.4   | 33.7                         | 55.0          | -21.3                           | AVE           | AVE              |
| 0.186   | 55.1                    | 0.2  | 0.2   | 0.4   | 55.5                         | 65.0          | -9.5                            | QP            | QP               |
| 0.235   | 48.6                    | 0.1  | 0.2   | 0.3   | 48.9                         | 54.0          | -5.1                            | AVE           | QP               |
| 0.362   | 43.7                    | 0.1  | 0.2   | 0.3   | 44.0                         | 50.0          | -6.0                            | AVE           | QP               |
| 1.087   | 30.9                    | 0.0  | 0.1   | 0.1   | 31.0                         | 46.0          | -15.0                           | AVE           | QP               |
| 1.390   | 21.0                    | 0.0  | 0.1   | 0.1   | 21.1                         | 46.0          | -24.9                           | AVE           | QP               |



|   |                         |  |       |       |                              |               |                                 |               |                  |
|---|-------------------------|--|-------|-------|------------------------------|---------------|---------------------------------|---------------|------------------|
|  |                         | 1100 E Chalk Creek Road<br>Coalville, UT 84017<br>(435) 336-4433<br>FAX (435) 336-4436 |       |       | <b>Conducted Emissions</b>   |               |                                 |               |                  |
| DNB Job Number:   |                         | 96011  |       |       | Date: 12 Aug 2008            |               | Specification<br><br>[X] 15.207 |               |                  |
| Customer:   |                         | Celio Technology Corporation   |       |       |                              |               |                                 |               |                  |
| Model Number:   |                         | REDFLY C8-N (Inclusive of REDFLY C7)   |       |       |                              |               |                                 |               |                  |
| Description:  |                         | Smart Phone Companion  |       |       |                              |               |                                 |               |                  |
|   |                         | Top Magnetic Corp Supply - Neutral Conductor   |       |       |                              |               |                                 |               |                  |
| Freq<br>in<br>Mhz   | Raw<br>Meter<br>Reading | Correction Factors   |       |       | Corrected<br>Reading<br>dBuV | Limit<br>dBuV | Delta                           | Limit<br>Type | Detector<br>Type |
|   |                         | LISN   | Cable | Total |                              |               |                                 |               |                  |
|   |                         | dB   | dB    | dB    |                              |               |                                 |               |                  |
| 0.150   | 34.0                    | 0.3  | 0.2   | 0.5   | 34.5                         | 56.0          | -21.5                           | AVE           | AVE              |
| 0.150   | 57.6                    | 0.3  | 0.2   | 0.5   | 58.1                         | 66.0          | -7.9                            | QP            | QP               |
| 0.186   | 31.5                    | 0.1  | 0.2   | 0.3   | 31.8                         | 55.0          | -23.2                           | AVE           | AVE              |
| 0.186   | 53.9                    | 0.1  | 0.2   | 0.3   | 54.2                         | 65.0          | -10.8                           | QP            | QP               |
| 0.235   | 47.2                    | 0.1  | 0.2   | 0.3   | 47.5                         | 54.0          | -6.5                            | AVE           | QP               |
| 0.362   | 41.9                    | 0.0  | 0.2   | 0.2   | 42.1                         | 50.0          | -7.9                            | AVE           | QP               |
| 1.087   | 31.1                    | 0.0  | 0.1   | 0.1   | 31.2                         | 46.0          | -14.8                           | AVE           | QP               |
| 1.390   | 20.6                    | 0.0  | 0.1   | 0.1   | 20.7                         | 46.0          | -25.3                           | AVE           | QP               |





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## Conducted Emissions

|                   |                         |                                      |       |       |                              |               |                                 |               |                  |
|-------------------|-------------------------|--------------------------------------|-------|-------|------------------------------|---------------|---------------------------------|---------------|------------------|
| DNB Job Number:   |                         | 96011                                |       |       | Date: 12 Aug 2008            |               | Specification<br><br>[X] 15.207 |               |                  |
| Customer:         |                         | Celio Technology Corporation         |       |       |                              |               |                                 |               |                  |
| Model Number:     |                         | REDFLY C8-N (Inclusive of REDFLY C7) |       |       |                              |               |                                 |               |                  |
| Description:      |                         | Smart Phone Companion                |       |       |                              |               |                                 |               |                  |
|                   |                         | MYT Power Supply - Phase Conductor   |       |       |                              |               |                                 |               |                  |
| Freq<br>in<br>Mhz | Raw<br>Meter<br>Reading | Correction Factors                   |       |       | Corrected<br>Reading<br>dBuV | Limit<br>dBuV | Delta                           | Limit<br>Type | Detector<br>Type |
|                   |                         | LISN                                 | Cable | Total |                              |               |                                 |               |                  |
|                   |                         | dB                                   | dB    | dB    |                              |               |                                 |               |                  |
| 0.150             | 48.7                    | 0.3                                  | 0.2   | 0.5   | 49.2                         | 56.0          | -6.8                            | AVE           | QP               |
| 0.167             | 46.2                    | 0.2                                  | 0.2   | 0.4   | 46.6                         | 56.0          | -9.4                            | AVE           | QP               |
| 0.183             | 29.3                    | 0.2                                  | 0.2   | 0.4   | 29.7                         | 55.0          | -25.3                           | AVE           | AVE              |
| 0.183             | 56.4                    | 0.2                                  | 0.2   | 0.4   | 56.8                         | 65.0          | -8.2                            | QP            | QP               |
| 0.242             | 46.7                    | 0.1                                  | 0.2   | 0.3   | 47.0                         | 53.0          | -6.0                            | AVE           | QP               |
| 0.312             | 36.4                    | 0.2                                  | 0.3   | 0.5   | 36.9                         | 51.0          | -14.1                           | AVE           | QP               |
| 3.760             | 31.3                    | 0.0                                  | 0.1   | 0.1   | 31.4                         | 46.0          | -14.6                           | AVE           | QP               |





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## Conducted Emissions

|                   |                         |                                      |       |       |                              |               |                                 |               |                  |
|-------------------|-------------------------|--------------------------------------|-------|-------|------------------------------|---------------|---------------------------------|---------------|------------------|
| DNB Job Number:   |                         | 96011                                |       |       | Date: 12 Aug 2008            |               | Specification<br><br>[X] 15.207 |               |                  |
| Customer:         |                         | Celio Technology Corporation         |       |       |                              |               |                                 |               |                  |
| Model Number:     |                         | REDFLY C8-N (Inclusive of REDFLY C7) |       |       |                              |               |                                 |               |                  |
| Description:      |                         | Smart Phone Companion                |       |       |                              |               |                                 |               |                  |
|                   |                         | MYT Power Supply - Neutral Conductor |       |       |                              |               |                                 |               |                  |
| Freq<br>in<br>Mhz | Raw<br>Meter<br>Reading | Correction Factors                   |       |       | Corrected<br>Reading<br>dBuV | Limit<br>dBuV | Delta                           | Limit<br>Type | Detector<br>Type |
|                   |                         | LISN                                 | Cable | Total |                              |               |                                 |               |                  |
|                   |                         | dB                                   | dB    | dB    |                              |               |                                 |               |                  |
| 0.150             | 46.6                    | 0.3                                  | 0.2   | 0.5   | 47.1                         | 56.0          | -8.9                            | AVE           | QP               |
| 0.164             | 49.7                    | 0.2                                  | 0.2   | 0.4   | 50.1                         | 56.0          | -5.9                            | AVE           | QP               |
| 0.183             | 25.0                    | 0.2                                  | 0.2   | 0.4   | 25.4                         | 55.0          | -29.6                           | AVE           | AVE              |
| 0.183             | 52.5                    | 0.2                                  | 0.2   | 0.4   | 52.9                         | 65.0          | -12.1                           | QP            | QP               |
| 0.242             | 43.5                    | 0.1                                  | 0.2   | 0.3   | 43.8                         | 53.0          | -9.2                            | AVE           | QP               |
| 0.305             | 35.1                    | 0.0                                  | 0.3   | 0.3   | 35.4                         | 52.0          | -16.6                           | AVE           | QP               |
| 3.607             | 28.8                    | 0.0                                  | 0.1   | 0.1   | 28.9                         | 46.0          | -17.1                           | AVE           | QP               |



## 15.209 Radiated Emissions (General Provisions)

### Test Procedure:

The EUT was measured on an open area test site (OATS).

A measuring distance of at least 3 m shall be used for measurements at frequencies up to 1 GHz. For frequencies above 1 GHz, any suitable measuring distance may be used. The equipment size (excluding the antenna) shall be less than 20 % of the measuring distance.


Sufficient precautions shall be taken to ensure that reflections from extraneous objects adjacent to the site do not degrade the measurement results, in particular:

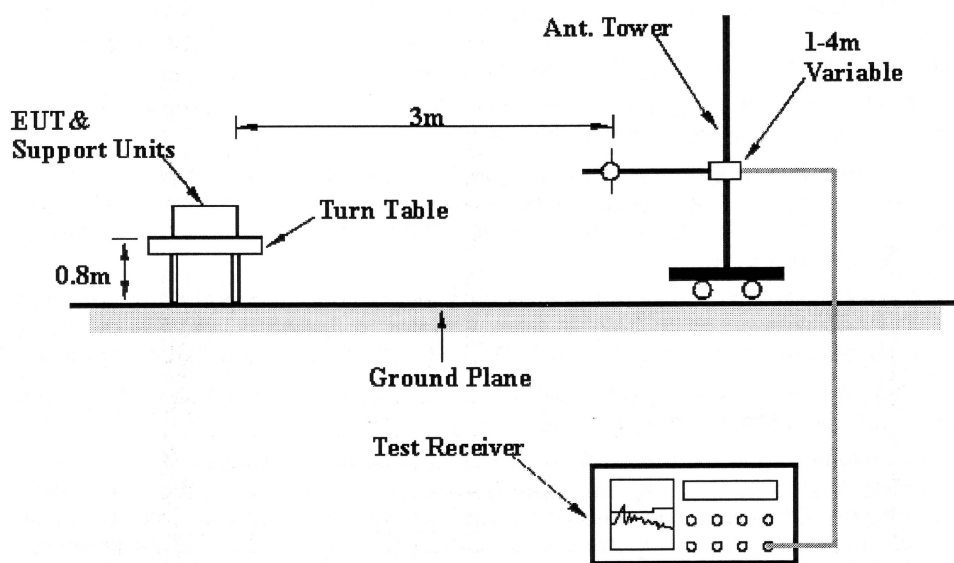
- no extraneous conducting objects having any dimension in excess of a quarter wavelength of the highest frequency tested shall be in the immediate vicinity of the site;
- all cables shall be as short as possible; as much of the cables as possible shall be on the ground plane or preferably below; and the low impedance cables shall be screened.


The EUT shall be placed upon a non-conductive table 1.5 meters above the ground plane and shall be placed in the “worst case” transmitting mode. The EUT shall be rotated 360 degrees to find the azimuth maxima. The receive antenna shall then be raised and lowered between 1 to 4 meters to find the maximum signal emanating from the EUT. This signal strength is then recorded on the data sheets.

| Frequency (MHz) | Field Strength (uV/m) | Field Strength (dBuV/m)                       | Measurement Distance (meters) |
|-----------------|-----------------------|---|-------------------------------|
| .0009 - 0.490   | 2400/F(kHz)           | $20 * (\text{Log}_{10}(2400/F(\text{kHz})))$  | 300                           |
| 0.490 - 1.705   | 24000/F(kHz)          | $20 * (\text{Log}_{10}(24000/F(\text{kHz})))$ | 30                            |
| 1.705 - 30.0    | 30                    | 29.5  | 30                            |
| 30 - 88         | 100                   | 40.0  | 3                             |
| 88 - 216        | 150                   | 43.5  | 3                             |
| 216 - 960       | 200                   | 46.0  | 3                             |
| Above 960       | 500                   | 54.0  | 3                             |




|   |  |                                      |                                 |
|---|--|--------------------------------------|---------------------------------|
|  | 1100 E Chalk Creek Road<br>Coalville, UT 84017<br>(435) 336-4433<br>FAX (435) 336-4436 | <b>Radiated Emissions</b> (Spurious) |                                 |
| DNB Job Number:   | 96011  | Date: 15 Aug 2008                    | Specification<br><br>[X] 15.209 |
| Customer:   | Celio Technology Corporation   |                                      |                                 |
| Model Number:   | REDFLY C8-N (Inclusive of REDFLY C7)   |                                      |                                 |
| Description:  | Smart Phone Companion  |                                      |                                 |
|   | Test Set Up  |                                      |                                 |




|   |  |                   |                                      |
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|        | 1100 E Chalk Creek Road<br>Coalville, UT 84017<br>(435) 336-4433<br>FAX (435) 336-4436 |                   | <b>Radiated Emissions</b> (Spurious) |
| DNB Job Number:   | 96011  | Date: 15 Aug 2008 |                                      |
| Customer:   | Celio Technology Corporation   |                   | [X] 15.209                           |
| Model Number:   | REDFLY C8-N (Inclusive of REDFLY C7)   |                   |                                      |
| Description:  | Smart Phone Companion  |                   |                                      |
|   |  |                   |                                      |
| Test Set Up - X-Axis (Horizontal/ <b>Vertical</b> - Bicon / Log Periodic / <b>DRG</b> ) |  |                   |                                      |




|  |  |                   |                                      |
|--|--|-------------------|--------------------------------------|
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| DNB Job Number:  | 96011  | Date: 15 Aug 2008 |                                      |
| Customer:  | Celio Technology Corporation   |                   | Specification<br><br>[X] 15.209      |
| Model Number:  | REDFLY C8-N (Inclusive of REDFLY C7)   |                   |                                      |
| Description:   | Smart Phone Companion  |                   |                                      |
|  |  |                   |                                      |
| Test Set Up - Y-Axis ( <b>Horizontal</b> /Vertical - Bicon / Log Periodic / <b>DRG</b> ) |  |                   |                                      |




|  |  |                   |                                      |
|--|--|-------------------|--------------------------------------|
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| DNB Job Number:  | 96011  | Date: 15 Aug 2008 |                                      |
| Customer:  | Celio Technology Corporation   |                   | Specification<br><br>[X] 15.209      |
| Model Number:  | REDFLY C8-N (Inclusive of REDFLY C7)   |                   |                                      |
| Description:   | Smart Phone Companion  |                   |                                      |
|  |  |                   |                                      |
| Test Set Up - Z-Axis ( <b>Horizontal</b> /Vertical - Bicon / Log Periodic / <b>DRG</b> ) |  |                   |                                      |



|   |  |                   |                                      |
|---|--|-------------------|--------------------------------------|
|  | 1100 E Chalk Creek Road<br>Coalville, UT 84017<br>(435) 336-4433<br>FAX (435) 336-4436 |                   | <b>Radiated Emissions</b> (Spurious) |
| DNB Job Number:   | 96011  | Date: 15 Aug 2008 |                                      |
| Customer:   | Celio Technology Corporation   |                   | [X] 15.209                           |
| Model Number:   | REDFLY C8-N (Inclusive of REDFLY C7)   |                   |                                      |
| Description:  | Smart Phone Companion  |                   |                                      |
|   |  |                   |                                      |
| Test Set Up - Bicon - Vertical  |  |                   |                                      |






|   |  |       |                                      |                                 |
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| DNB Job Number:   | 96011  | Date: | 15 Aug 2008                          | Specification<br><br>[X] 15.209 |
| Customer:   | Celio Technology Corporation   |       |                                      |                                 |
| Model Number:   | REDFLY C8-N (Inclusive of REDFLY C7)   |       |                                      |                                 |
| Description:  | Smart Phone Companion  |       |                                      |                                 |
|   |  |       |                                      |                                 |
| Test Set Up - Log Periodic - Vertical   |  |       |                                      |                                 |



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## Radiated Emissions (General)

[illegible]

|   |  |                                      |                                 |
|---|--|--------------------------------------|---------------------------------|
|  | 1100 E Chalk Creek Road<br>Coalville, UT 84017<br>(435) 336-4433<br>FAX (435) 336-4436 | <b>Radiated Emissions</b> (Spurious) |                                 |
| DNB Job Number:   | 96011  | Date: 9 Aug 2008                     | Specification<br><br>[X] 15.209 |
| Customer:   | Celio Technology Corporation   |                                      |                                 |
| Model Number:   | REDFLY C8-N (Inclusive of REDFLY C7)   |                                      |                                 |
| Description:  | Smart Phone Companion  |                                      |                                 |
|   | Low Channel - X-Axis   |                                      |                                 |


Note 1: GF = Ground Floor = If Y reading was at ground floor, If N reading was identifiable signal

Note 2: Limit listed is the general limit as specified in 15.209 in order to show compliance with the restricted bands of operation as well as the out of band limit in 15.247. No other identifiable signals were observed in the restricted bands as specified in 15.205.

Note3: Highest frequency investigated was the tenth harmonic of the fundamental, no emissions were detected above the 2<sup>nd</sup> harmonic. Only data to the 7<sup>th</sup> harmonic has been provided.

| FREQ<br>(Mhz) | Meter | Correction Factors |      |      | dBuV/m |       |       | Positions |     |    |      | G<br>F |
|---------------|-------|--------------------|------|------|--------|-------|-------|-----------|-----|----|------|--------|
|               |       | Ant                | Cbl  | Amp  | Corr   | Lim   | Delta | Typ       | Tbl | Pl | Hgt  |        |
| 2401.875      | 65.9  | 29.5               | 3.7  | 23.3 | 75.8   | 114.0 | -38.2 | Peak      | 290 | V  | 1.00 | N      |
| 2401.875      | 33.3  | 29.5               | 3.7  | 23.3 | 43.2   | 114.0 | -70.8 | Ave       | 290 | V  | 1.00 | N      |
| 4803.870      | 22.2  | 33.4               | 5.2  | 26.9 | 33.8   | 74.0  | -40.2 | Peak      | 290 | V  | 1.00 | Y      |
| 4803.870      | 11.7  | 33.4               | 5.2  | 26.9 | 23.3   | 54.0  | -30.7 | Ave       | 290 | V  | 1.00 | Y      |
| 7205.750      | 27.6  | 37.2               | 6.6  | 26.7 | 44.7   | 74.0  | -29.3 | Peak      | 290 | V  | 1.00 | Y      |
| 7205.750      | 15.9  | 37.2               | 6.6  | 26.7 | 33.0   | 54.0  | -21.0 | Ave       | 290 | V  | 1.00 | Y      |
| 9607.620      | 27.6  | 38.1               | 7.9  | 25.9 | 47.6   | 74.0  | -26.4 | Peak      | 290 | V  | 1.00 | Y      |
| 9607.620      | 16.5  | 38.1               | 7.9  | 25.9 | 36.5   | 54.0  | -17.5 | Ave       | 290 | V  | 1.00 | Y      |
| 12009.500     | 27.2  | 39.8               | 10.5 | 24.9 | 52.7   | 74.0  | -21.3 | Peak      | 290 | V  | 1.00 | Y      |
| 12009.500     | 16.3  | 39.8               | 10.5 | 24.9 | 41.8   | 54.0  | -12.2 | Ave       | 290 | V  | 1.00 | Y      |
| 14411.370     | 32.1  | 41.3               | 10.6 | 22.2 | 61.8   | 74.0  | -12.2 | Peak      | 290 | V  | 1.00 | Y      |
| 14411.370     | 21.5  | 41.3               | 10.6 | 22.2 | 51.2   | 54.0  | -2.8  | Ave       | 290 | V  | 1.00 | Y      |
| 16813.250     | 32.1  | 41.9               | 12.8 | 22.2 | 64.6   | 74.0  | -9.4  | Peak      | 290 | V  | 1.00 | Y      |
| 16813.250     | 20.6  | 41.9               | 12.8 | 22.2 | 53.1   | 54.0  | -0.9  | Ave       | 290 | V  | 1.00 | Y      |
| 2401.875      | 62.4  | 29.7               | 3.7  | 23.3 | 72.5   | 114.0 | -41.5 | Peak      | 274 | H  | 1.64 | N      |
| 2401.875      | 32.9  | 29.7               | 3.7  | 23.3 | 43.0   | 114.0 | -71.0 | Ave       | 274 | H  | 1.64 | N      |
| 4803.870      | 31.0  | 33.1               | 5.2  | 26.9 | 42.4   | 74.0  | -31.6 | Peak      | 274 | H  | 1.64 | Y      |
| 4803.870      | 28.8  | 33.1               | 5.2  | 26.9 | 40.2   | 54.0  | -13.8 | Ave       | 274 | H  | 1.64 | Y      |
| 7205.750      | 25.7  | 37.3               | 6.6  | 26.7 | 42.9   | 74.0  | -31.1 | Peak      | 274 | H  | 1.64 | Y      |
| 7205.750      | 15.7  | 37.3               | 6.6  | 26.7 | 32.9   | 54.0  | -21.1 | Ave       | 274 | H  | 1.64 | Y      |
| 9607.620      | 25.8  | 38.1               | 7.9  | 25.9 | 45.8   | 74.0  | -28.2 | Peak      | 274 | H  | 1.64 | Y      |
| 9607.620      | 16.2  | 38.1               | 7.9  | 25.9 | 36.2   | 54.0  | -17.8 | Ave       | 274 | H  | 1.64 | Y      |
| 12009.500     | 25.8  | 39.7               | 10.5 | 24.9 | 51.2   | 74.0  | -22.8 | Peak      | 274 | H  | 1.64 | Y      |
| 12009.500     | 15.9  | 39.7               | 10.5 | 24.9 | 41.3   | 54.0  | -12.7 | Ave       | 274 | H  | 1.64 | Y      |
| 14411.370     | 30.5  | 41.5               | 10.6 | 22.2 | 60.4   | 74.0  | -13.6 | Peak      | 274 | H  | 1.64 | Y      |
| 14411.370     | 20.4  | 41.5               | 10.6 | 22.2 | 50.3   | 54.0  | -3.7  | Ave       | 274 | H  | 1.64 | Y      |
| 16813.250     | 30.9  | 41.9               | 12.8 | 22.2 | 63.4   | 74.0  | -10.6 | Peak      | 274 | H  | 1.64 | Y      |
| 16813.250     | 20.8  | 41.9               | 12.8 | 22.2 | 53.3   | 54.0  | -0.7  | Ave       | 274 | H  | 1.64 | Y      |




|   |  |                                      |                                 |
|---|--|--------------------------------------|---------------------------------|
|  | 1100 E Chalk Creek Road<br>Coalville, UT 84017<br>(435) 336-4433<br>FAX (435) 336-4436 | <b>Radiated Emissions</b> (Spurious) |                                 |
| DNB Job Number:   | 96011  | Date: 15 Aug 2008                    | Specification<br><br>[X] 15.209 |
| Customer:   | Celio Technology Corporation   |                                      |                                 |
| Model Number:   | REDFLY C8-N (Inclusive of REDFLY C7)   |                                      |                                 |
| Description:  | Smart Phone Companion  |                                      |                                 |
|   | Low Channel - Y-Axis   |                                      |                                 |

Note 1: GF = Ground Floor = If Y reading was at ground floor, If N reading was identifiable signal

Note 2: Limit listed is the general limit as specified in 15.209 in order to show compliance with the restricted bands of operation as well as the out of band limit in 15.247. No other identifiable signals were observed in the restricted bands as specified in 15.205.

Note3: Highest frequency investigated was the tenth harmonic of the fundamental, no emissions were detected above the 3rd harmonic. Only data to the 7<sup>th</sup> harmonic has been provided.

| FREQ<br>(Mhz) | Meter | Correction Factors (dB) |      |      | dBuV/m |       |       | Positions |     |    |      | G<br>F |
|---------------|-------|-------------------------|------|------|--------|-------|-------|-----------|-----|----|------|--------|
|               |       | Ant                     | Cbl  | Amp  | Corr   | Lim   | Delta | Typ       | Tbl | Pl | Hgt  |        |
| 2401.815      | 69.6  | 29.5                    | 3.8  | 23.3 | 79.6   | 114.0 | -34.4 | Peak      | 216 | V  | 1.20 | N      |
| 2401.815      | 33.6  | 29.5                    | 3.8  | 23.3 | 43.6   | 114.0 | -70.4 | Ave       | 216 | V  | 1.20 | N      |
| 4803.610      | 22.7  | 33.4                    | 5.3  | 26.9 | 34.5   | 74.0  | -39.5 | Peak      | 360 | V  | 1.20 | Y      |
| 4803.610      | 11.7  | 33.4                    | 5.3  | 26.9 | 23.5   | 54.0  | -30.5 | Ave       | 360 | V  | 1.20 | Y      |
| 7205.430      | 28.1  | 37.2                    | 6.7  | 26.7 | 45.3   | 74.0  | -28.7 | Peak      | 0   | V  | 1.20 | Y      |
| 7205.430      | 16.2  | 37.2                    | 6.7  | 26.7 | 33.4   | 54.0  | -20.6 | Ave       | 0   | V  | 1.20 | Y      |
| 9607.240      | 27.9  | 38.1                    | 7.7  | 25.9 | 47.8   | 74.0  | -26.2 | Peak      | 0   | V  | 1.00 | Y      |
| 9607.240      | 16.1  | 38.1                    | 7.7  | 25.9 | 36.0   | 54.0  | -18.0 | Ave       | 0   | V  | 1.00 | Y      |
| 12009.060     | 28.2  | 39.8                    | 10.4 | 24.9 | 53.5   | 74.0  | -20.5 | Peak      | 216 | V  | 1.20 | Y      |
| 12009.060     | 15.9  | 39.8                    | 10.4 | 24.9 | 41.2   | 54.0  | -12.8 | Ave       | 216 | V  | 1.20 | Y      |
| 14410.870     | 32.4  | 41.3                    | 11.1 | 22.2 | 62.6   | 74.0  | -11.4 | Peak      | 216 | V  | 1.20 | Y      |
| 14410.870     | 20.6  | 41.3                    | 11.1 | 22.2 | 50.8   | 54.0  | -3.2  | Ave       | 216 | V  | 1.20 | Y      |
| 16812.690     | 33.5  | 41.9                    | 13.3 | 22.2 | 66.5   | 74.0  | -7.5  | Peak      | 360 | V  | 1.21 | Y      |
| 16812.690     | 20.8  | 41.9                    | 13.3 | 22.2 | 53.8   | 54.0  | -0.2  | Ave       | 360 | V  | 1.21 | Y      |
| 2401.815      | 69.4  | 29.7                    | 3.8  | 23.3 | 79.6   | 114.0 | -34.4 | Peak      | 277 | H  | 1.47 | N      |
| 2401.815      | 33.6  | 29.7                    | 3.8  | 23.3 | 43.8   | 114.0 | -70.2 | Ave       | 277 | H  | 1.47 | N      |
| 4803.610      | 22.6  | 33.1                    | 5.3  | 26.9 | 34.1   | 74.0  | -39.9 | Peak      | 277 | H  | 1.47 | Y      |
| 4803.610      | 11.2  | 33.1                    | 5.3  | 26.9 | 22.7   | 54.0  | -31.3 | Ave       | 277 | H  | 1.47 | Y      |
| 7205.430      | 27.2  | 37.3                    | 6.7  | 26.7 | 44.5   | 74.0  | -29.5 | Peak      | 277 | H  | 1.47 | Y      |
| 7205.430      | 16.0  | 37.3                    | 6.7  | 26.7 | 33.3   | 54.0  | -20.7 | Ave       | 277 | H  | 1.47 | Y      |
| 9607.240      | 27.6  | 38.1                    | 7.7  | 25.9 | 47.5   | 74.0  | -26.5 | Peak      | 360 | H  | 1.47 | Y      |
| 9607.240      | 16.2  | 38.1                    | 7.7  | 25.9 | 36.1   | 54.0  | -17.9 | Ave       | 360 | H  | 1.47 | Y      |
| 12009.060     | 28.2  | 39.7                    | 10.4 | 24.9 | 53.4   | 74.0  | -20.6 | Peak      | 0   | H  | 1.47 | Y      |
| 12009.060     | 16.1  | 39.7                    | 10.4 | 24.9 | 41.3   | 54.0  | -12.7 | Ave       | 0   | H  | 1.47 | Y      |
| 14410.870     | 32.8  | 41.5                    | 11.1 | 22.2 | 63.2   | 74.0  | -10.8 | Peak      | 277 | H  | 1.47 | Y      |
| 14410.870     | 20.8  | 41.5                    | 11.1 | 22.2 | 51.2   | 54.0  | -2.8  | Ave       | 277 | H  | 1.47 | Y      |
| 16812.690     | 33.0  | 41.9                    | 13.3 | 22.2 | 66.0   | 74.0  | -8.0  | Peak      | 360 | H  | 1.47 | Y      |
| 16812.690     | 20.9  | 41.9                    | 13.3 | 22.2 | 53.9   | 54.0  | -0.1  | Ave       | 360 | H  | 1.47 | Y      |


|   |  |                                      |                                 |
|---|--|--------------------------------------|---------------------------------|
|  | 1100 E Chalk Creek Road<br>Coalville, UT 84017<br>(435) 336-4433<br>FAX (435) 336-4436 | <b>Radiated Emissions</b> (Spurious) |                                 |
| DNB Job Number:   | 96011  | Date: 14 Aug 2008                    | Specification<br><br>[X] 15.209 |
| Customer:   | Celio Technology Corporation   |                                      |                                 |
| Model Number:   | REDFLY C8-N (Inclusive of REDFLY C7)   |                                      |                                 |
| Description:  | Smart Phone Companion  |                                      |                                 |
|   | Low Channel - Z-Axis   |                                      |                                 |

Note 1: GF = Ground Floor = If Y reading was at ground floor, If N reading was identifiable signal

Note 2: Limit listed is the general limit as specified in 15.209 in order to show compliance with the restricted bands of operation as well as the out of band limit in 15.247. No other identifiable signals were observed in the restricted bands as specified in 15.205.

Note3: Highest frequency investigated was the tenth harmonic of the fundamental, no emissions were detected above the 4th harmonic. Only data to the 7<sup>th</sup> harmonic has been provided.

| FREQ<br>(Mhz) | Meter | Correction Factors (dB) |      |      | dBuV/m |       |       | Positions |     |    |      | G<br>F |
|---------------|-------|-------------------------|------|------|--------|-------|-------|-----------|-----|----|------|--------|
|               |       | Ant                     | Cbl  | Amp  | Corr   | Lim   | Delta | Typ       | Tbl | Pl | Hgt  |        |
| 2401.860      | 69.1  | 29.7                    | 3.7  | 23.3 | 79.2   | 114.0 | -34.8 | Peak      | 242 | H  | 1.80 | N      |
| 2401.860      | 33.4  | 29.7                    | 3.7  | 23.3 | 43.5   | 114.0 | -70.5 | Ave       | 242 | H  | 1.80 | N      |
| 4803.670      | 23.1  | 33.1                    | 5.2  | 26.9 | 34.5   | 74.0  | -39.5 | Peak      | 360 | H  | 1.80 | Y      |
| 4803.670      | 11.3  | 33.1                    | 5.2  | 26.9 | 22.7   | 54.0  | -31.3 | Ave       | 360 | H  | 1.80 | Y      |
| 7205.530      | 28.2  | 37.3                    | 6.6  | 26.7 | 45.4   | 74.0  | -28.6 | Peak      | 242 | H  | 1.80 | Y      |
| 7205.530      | 15.9  | 37.3                    | 6.6  | 26.7 | 33.1   | 54.0  | -20.9 | Ave       | 242 | H  | 1.80 | Y      |
| 9607.390      | 28.6  | 38.1                    | 7.9  | 25.9 | 48.6   | 74.0  | -25.4 | Peak      | 0   | H  | 1.80 | Y      |
| 9607.390      | 15.8  | 38.1                    | 7.9  | 25.9 | 35.8   | 54.0  | -18.2 | Ave       | 0   | H  | 1.80 | Y      |
| 12009.250     | 28.1  | 39.7                    | 10.5 | 24.9 | 53.5   | 74.0  | -20.5 | Peak      | 242 | H  | 1.80 | Y      |
| 12009.250     | 15.9  | 39.7                    | 10.5 | 24.9 | 41.3   | 54.0  | -12.7 | Ave       | 242 | H  | 1.80 | Y      |
| 14411.110     | 32.7  | 41.5                    | 10.6 | 22.2 | 62.6   | 74.0  | -11.4 | Peak      | 360 | H  | 1.80 | Y      |
| 14411.110     | 20.9  | 41.5                    | 10.6 | 22.2 | 50.8   | 54.0  | -3.2  | Ave       | 360 | H  | 1.80 | Y      |
| 16812.970     | 33.6  | 41.9                    | 12.8 | 22.2 | 66.1   | 74.0  | -7.9  | Peak      | 242 | H  | 1.80 | Y      |
| 16812.970     | 20.6  | 41.9                    | 12.8 | 22.2 | 53.1   | 54.0  | -0.9  | Ave       | 242 | H  | 1.80 | Y      |
| 2401.860      | 66.2  | 29.5                    | 3.7  | 23.3 | 76.1   | 114.0 | -37.9 | Peak      | 207 | V  | 1.30 | N      |
| 2401.860      | 34.1  | 29.5                    | 3.7  | 23.3 | 44.0   | 114.0 | -70.0 | Ave       | 207 | V  | 1.30 | N      |
| 4803.670      | 22.8  | 33.4                    | 5.2  | 26.9 | 34.4   | 74.0  | -39.6 | Peak      | 360 | V  | 1.30 | Y      |
| 4803.670      | 11.4  | 33.4                    | 5.2  | 26.9 | 23.0   | 54.0  | -31.0 | Ave       | 360 | V  | 1.30 | Y      |
| 7205.530      | 28.9  | 37.2                    | 6.6  | 26.7 | 46.0   | 74.0  | -28.0 | Peak      | 207 | V  | 1.30 | Y      |
| 7205.530      | 16.1  | 37.2                    | 6.6  | 26.7 | 33.2   | 54.0  | -20.8 | Ave       | 207 | V  | 1.30 | Y      |
| 9607.390      | 28.8  | 38.1                    | 7.9  | 25.9 | 48.8   | 74.0  | -25.2 | Peak      | 0   | V  | 1.30 | Y      |
| 9607.390      | 16.2  | 38.1                    | 7.9  | 25.9 | 36.2   | 54.0  | -17.8 | Ave       | 0   | V  | 1.30 | Y      |
| 12009.250     | 29.3  | 39.8                    | 10.5 | 24.9 | 54.8   | 74.0  | -19.2 | Peak      | 207 | V  | 1.30 | Y      |
| 12009.250     | 16.1  | 39.8                    | 10.5 | 24.9 | 41.6   | 54.0  | -12.4 | Ave       | 207 | V  | 1.30 | Y      |
| 14411.110     | 33.2  | 41.3                    | 10.6 | 22.2 | 62.9   | 74.0  | -11.1 | Peak      | 360 | V  | 1.30 | Y      |
| 14411.110     | 20.8  | 41.3                    | 10.6 | 22.2 | 50.5   | 54.0  | -3.5  | Ave       | 360 | V  | 1.30 | Y      |
| 16812.970     | 33.0  | 41.9                    | 12.8 | 22.2 | 65.5   | 74.0  | -8.5  | Peak      | 207 | V  | 1.30 | Y      |
| 16812.970     | 21.3  | 41.9                    | 12.8 | 22.2 | 53.8   | 54.0  | -0.2  | Ave       | 207 | V  | 1.30 | Y      |


|   |  |                                      |                                 |  |
|---|--|--------------------------------------|---------------------------------|--|
|  | 1100 E Chalk Creek Road<br>Coalville, UT 84017<br>(435) 336-4433<br>FAX (435) 336-4436 | <b>Radiated Emissions</b> (Spurious) |                                 |  |
| DNB Job Number:   | 96011  | Date: 9 Aug 2008                     | Specification<br><br>[X] 15.209 |  |
| Customer:   | Celio Technology Corporation   |                                      |                                 |  |
| Model Number:   | REDFLY C8-N (Inclusive of REDFLY C7)   |                                      |                                 |  |
| Description:  | Smart Phone Companion  |                                      |                                 |  |
|   | Middle Channel - X-Axis  |                                      |                                 |  |

Note 1: GF = Ground Floor = If Y reading was at ground floor, If N reading was identifiable signal

Note 2: Limit listed is the general limit as specified in 15.209 in order to show compliance with the restricted bands of operation as well as the out of band limit in 15.247. No other identifiable signals were observed in the restricted bands as specified in 15.205.

Note3: Highest frequency investigated was the tenth harmonic of the fundamental, no emissions were detected above the 2nd harmonic. Only data to the 7<sup>th</sup> harmonic has been provided.

| FREQ<br>(Mhz) | Meter | Correction Factors (dB) |      |      | dBuV/m |       |       | Positions |     |    |      | G<br>F |
|---------------|-------|-------------------------|------|------|--------|-------|-------|-----------|-----|----|------|--------|
|               |       | Ant                     | Cbl  | Amp  | Corr   | Lim   | Delta | Typ       | Tbl | Pl | Hgt  |        |
| 2440.989      | 63.8  | 29.8                    | 3.7  | 23.3 | 74.0   | 114.0 | -40.0 | Peak      | 285 | H  | 1.31 | N      |
| 2440.989      | 33.6  | 29.8                    | 3.7  | 23.3 | 43.8   | 114.0 | -70.2 | Ave       | 285 | H  | 1.31 | N      |
| 4881.910      | 22.2  | 33.4                    | 5.2  | 27.1 | 33.7   | 74.0  | -40.3 | Peak      | 360 | H  | 1.31 | Y      |
| 4881.910      | 12.0  | 33.4                    | 5.2  | 27.1 | 23.5   | 54.0  | -30.5 | Ave       | 360 | H  | 1.31 | Y      |
| 7324.285      | 28.4  | 37.3                    | 6.6  | 26.3 | 46.0   | 74.0  | -28.0 | Peak      | 360 | H  | 1.31 | Y      |
| 7324.285      | 16.0  | 37.3                    | 6.6  | 26.3 | 33.6   | 54.0  | -20.4 | Ave       | 360 | H  | 1.31 | Y      |
| 9763.890      | 28.3  | 38.1                    | 7.6  | 25.5 | 48.6   | 74.0  | -25.4 | Peak      | 285 | H  | 1.31 | Y      |
| 9763.890      | 16.1  | 38.1                    | 7.6  | 25.5 | 36.4   | 54.0  | -17.6 | Ave       | 285 | H  | 1.31 | Y      |
| 12204.880     | 29.2  | 40.2                    | 10.4 | 24.9 | 54.9   | 74.0  | -19.1 | Peak      | 285 | H  | 1.31 | Y      |
| 12204.880     | 17.2  | 40.2                    | 10.4 | 24.9 | 42.9   | 54.0  | -11.1 | Ave       | 285 | H  | 1.31 | Y      |
| 14645.870     | 32.2  | 41.7                    | 11.0 | 21.5 | 63.4   | 74.0  | -10.6 | Peak      | 285 | H  | 1.31 | Y      |
| 14645.870     | 21.4  | 41.7                    | 11.0 | 21.5 | 52.6   | 54.0  | -1.4  | Ave       | 285 | H  | 1.31 | Y      |
| 17086.850     | 33.3  | 42.6                    | 13.2 | 20.9 | 68.2   | 74.0  | -5.8  | Peak      | 285 | H  | 1.31 | Y      |
| 17086.850     | 18.9  | 42.6                    | 13.2 | 20.9 | 53.6   | 54.0  | -0.4  | Ave       | 285 | H  | 1.31 | Y      |
| 2440.989      | 61.7  | 29.6                    | 3.7  | 23.3 | 71.7   | 114.0 | -42.3 | Peak      | 291 | V  | 1.00 | N      |
| 2440.989      | 32.8  | 29.6                    | 3.7  | 23.3 | 42.8   | 114.0 | -71.2 | Ave       | 291 | V  | 1.00 | N      |
| 4881.910      | 22.8  | 33.7                    | 5.2  | 27.1 | 34.5   | 74.0  | -39.5 | Peak      | 291 | V  | 1.00 | Y      |
| 4881.910      | 11.6  | 33.7                    | 5.2  | 27.1 | 23.3   | 54.0  | -30.7 | Ave       | 360 | V  | 1.00 | Y      |
| 7324.285      | 26.9  | 37.2                    | 6.6  | 26.3 | 44.4   | 74.0  | -29.6 | Peak      | 360 | V  | 1.00 | Y      |
| 7324.285      | 15.8  | 37.2                    | 6.6  | 26.3 | 33.3   | 54.0  | -20.7 | Ave       | 360 | V  | 1.00 | Y      |
| 9763.890      | 28.3  | 38.1                    | 7.6  | 25.5 | 48.6   | 74.0  | -25.4 | Peak      | 360 | V  | 1.00 | Y      |
| 9763.890      | 16.0  | 38.1                    | 7.6  | 25.5 | 36.3   | 54.0  | -17.7 | Ave       | 360 | V  | 1.00 | Y      |
| 12204.880     | 28.6  | 40.3                    | 10.4 | 24.9 | 54.4   | 74.0  | -19.6 | Peak      | 0   | V  | 1.00 | Y      |
| 12204.880     | 16.6  | 40.3                    | 10.4 | 24.9 | 42.4   | 54.0  | -11.6 | Ave       | 0   | V  | 1.00 | Y      |
| 14645.870     | 32.2  | 41.6                    | 11.0 | 21.5 | 63.2   | 74.0  | -10.8 | Peak      | 0   | V  | 1.00 | Y      |
| 14645.870     | 21.5  | 41.6                    | 11.0 | 21.5 | 52.5   | 54.0  | -1.5  | Ave       | 0   | V  | 1.00 | Y      |
| 17086.850     | 33.0  | 42.5                    | 13.2 | 20.9 | 67.7   | 74.0  | -6.3  | Peak      | 291 | V  | 1.00 | Y      |
| 17086.850     | 19.0  | 42.5                    | 13.2 | 20.9 | 53.7   | 54.0  | -0.3  | Ave       | 291 | V  | 1.00 | Y      |


|   |  |                                      |             |                                 |
|---|--|--------------------------------------|-------------|---------------------------------|
|  | 1100 E Chalk Creek Road<br>Coalville, UT 84017<br>(435) 336-4433<br>FAX (435) 336-4436 | <b>Radiated Emissions</b> (Spurious) |             |                                 |
| DNB Job Number:   | 96011  | Date:                                | 15 Aug 2008 | Specification<br><br>[X] 15.209 |
| Customer:   | Celio Technology Corporation   |                                      |             |                                 |
| Model Number:   | REDFLY C8-N (Inclusive of REDFLY C7)   |                                      |             |                                 |
| Description:  | Smart Phone Companion  |                                      |             |                                 |
|   | Middle Channel - Y-Axis  |                                      |             |                                 |

Note 1: GF = Ground Floor = If Y reading was at ground floor, If N reading was identifiable signal

Note 2: Limit listed is the general limit as specified in 15.209 in order to show compliance with the restricted bands of operation as well as the out of band limit in 15.247. No other identifiable signals were observed in the restricted bands as specified in 15.205.

Note3: Highest frequency investigated was the tenth harmonic of the fundamental, no emissions were detected above the 2nd harmonic. Only data to the 7<sup>th</sup> harmonic has been provided.

| FREQ<br>(Mhz) | Meter | Correction Factors (dB) |      |      | dBuV/m |       |       | Positions |     |    |      | G<br>F |
|---------------|-------|-------------------------|------|------|--------|-------|-------|-----------|-----|----|------|--------|
|               |       | Ant                     | Cbl  | Amp  | Corr   | Lim   | Delta | Typ       | Tbl | Pl | Hgt  |        |
| 2440.824      | 69.7  | 29.8                    | 3.7  | 23.3 | 79.9   | 114.0 | -34.1 | Peak      | 270 | H  | 1.43 | N      |
| 2440.824      | 33.7  | 29.8                    | 3.7  | 23.3 | 43.9   | 114.0 | -70.1 | Ave       | 270 | H  | 1.43 | N      |
| 4881.810      | 22.1  | 33.4                    | 5.2  | 27.1 | 33.6   | 74.0  | -40.4 | Peak      | 270 | H  | 1.43 | Y      |
| 4881.810      | 11.5  | 33.4                    | 5.2  | 27.1 | 23.0   | 54.0  | -31.0 | Ave       | 270 | H  | 1.43 | Y      |
| 7322.630      | 27.9  | 37.3                    | 6.6  | 26.3 | 45.5   | 74.0  | -28.5 | Peak      | 360 | H  | 1.00 | Y      |
| 7322.630      | 15.6  | 37.3                    | 6.6  | 26.3 | 33.2   | 54.0  | -20.8 | Ave       | 360 | H  | 1.00 | Y      |
| 9763.460      | 28.1  | 38.1                    | 7.6  | 25.5 | 48.3   | 74.0  | -25.7 | Peak      | 270 | H  | 1.00 | Y      |
| 9763.460      | 15.9  | 38.1                    | 7.6  | 25.5 | 36.1   | 54.0  | -17.9 | Ave       | 270 | H  | 1.00 | Y      |
| 12204.280     | 28.8  | 40.2                    | 10.4 | 24.9 | 54.5   | 74.0  | -19.5 | Peak      | 0   | H  | 1.43 | Y      |
| 12204.280     | 16.3  | 40.2                    | 10.4 | 24.9 | 42.0   | 54.0  | -12.0 | Ave       | 0   | H  | 1.43 | Y      |
| 14645.100     | 32.9  | 41.7                    | 11.0 | 21.6 | 64.0   | 74.0  | -10.0 | Peak      | 270 | H  | 1.43 | Y      |
| 14645.100     | 21.0  | 41.7                    | 11.0 | 21.6 | 52.1   | 54.0  | -1.9  | Ave       | 270 | H  | 1.43 | Y      |
| 17085.930     | 32.9  | 42.6                    | 13.2 | 20.9 | 67.8   | 74.0  | -6.2  | Peak      | 360 | H  | 1.43 | Y      |
| 17085.930     | 18.7  | 42.6                    | 13.2 | 20.9 | 53.6   | 54.0  | -0.4  | Ave       | 360 | H  | 1.43 | Y      |
| 2440.824      | 67.2  | 29.6                    | 3.7  | 23.3 | 77.2   | 114.0 | -36.8 | Peak      | 194 | V  | 1.00 | N      |
| 2440.824      | 33.5  | 29.6                    | 3.7  | 23.3 | 43.5   | 114.0 | -70.5 | Ave       | 194 | V  | 1.00 | N      |
| 4881.810      | 22.7  | 33.7                    | 5.2  | 27.1 | 34.5   | 74.0  | -39.5 | Peak      | 0   | V  | 1.00 | Y      |
| 4881.810      | 11.6  | 33.7                    | 5.2  | 27.1 | 23.4   | 54.0  | -30.6 | Ave       | 0   | V  | 1.00 | Y      |
| 7322.630      | 28.0  | 37.2                    | 6.6  | 26.3 | 45.5   | 74.0  | -28.5 | Peak      | 194 | V  | 1.00 | Y      |
| 7322.630      | 15.5  | 37.2                    | 6.6  | 26.3 | 33.0   | 54.0  | -21.0 | Ave       | 194 | V  | 1.00 | Y      |
| 9763.460      | 28.4  | 38.1                    | 7.6  | 25.5 | 48.6   | 74.0  | -25.4 | Peak      | 360 | V  | 1.00 | Y      |
| 9763.460      | 16.0  | 38.1                    | 7.6  | 25.5 | 36.2   | 54.0  | -17.8 | Ave       | 360 | V  | 1.00 | Y      |
| 12204.280     | 28.3  | 40.3                    | 10.4 | 24.9 | 54.1   | 74.0  | -19.9 | Peak      | 194 | V  | 1.00 | Y      |
| 12204.280     | 15.9  | 40.3                    | 10.4 | 24.9 | 41.7   | 54.0  | -12.3 | Ave       | 194 | V  | 1.00 | Y      |
| 14645.100     | 34.2  | 41.6                    | 11.0 | 21.6 | 65.2   | 74.0  | -8.8  | Peak      | 0   | V  | 1.00 | Y      |
| 14645.100     | 21.0  | 41.6                    | 11.0 | 21.6 | 52.0   | 54.0  | -2.0  | Ave       | 0   | V  | 1.00 | Y      |
| 17085.930     | 32.8  | 42.5                    | 13.2 | 20.9 | 67.6   | 74.0  | -6.4  | Peak      | 194 | V  | 1.00 | Y      |
| 17085.930     | 18.9  | 42.5                    | 13.2 | 20.9 | 53.7   | 54.0  | -0.3  | Ave       | 194 | V  | 1.00 | Y      |


|   |  |                                      |             |                                 |
|---|--|--------------------------------------|-------------|---------------------------------|
|  | 1100 E Chalk Creek Road<br>Coalville, UT 84017<br>(435) 336-4433<br>FAX (435) 336-4436 | <b>Radiated Emissions</b> (Spurious) |             |                                 |
| DNB Job Number:   | 96011  | Date:                                | 14 Aug 2008 | Specification<br><br>[X] 15.209 |
| Customer:   | Celio Technology Corporation   |                                      |             |                                 |
| Model Number:   | REDFLY C8-N (Inclusive of REDFLY C7)   |                                      |             |                                 |
| Description:  | Smart Phone Companion  |                                      |             |                                 |
|   | Middle Channel - Z-Axis  |                                      |             |                                 |

Note 1: GF = Ground Floor = If Y reading was at ground floor, If N reading was identifiable signal

Note 2: Limit listed is the general limit as specified in 15.209 in order to show compliance with the restricted bands of operation as well as the out of band limit in 15.247. No other identifiable signals were observed in the restricted bands as specified in 15.205.

Note3: Highest frequency investigated was the tenth harmonic of the fundamental, no emissions were detected above the 2nd harmonic. Only data to the 7<sup>th</sup> harmonic has been provided.

| FREQ<br>(Mhz) | Meter | Correction Factors (dB) |      |      | dBuV/m |       |       | Positions |     |    |      | G<br>F |
|---------------|-------|-------------------------|------|------|--------|-------|-------|-----------|-----|----|------|--------|
|               |       | Ant                     | Cbl  | Amp  | Corr   | Lim   | Delta | Typ       | Tbl | Pl | Hgt  |        |
| 2440.819      | 64.1  | 29.6                    | 3.7  | 23.3 | 74.1   | 114.0 | -39.9 | Peak      | 160 | V  | 1.00 | N      |
| 2440.819      | 34.1  | 29.6                    | 3.7  | 23.3 | 44.1   | 114.0 | -69.9 | Ave       | 160 | V  | 1.00 | N      |
| 4881.640      | 23.2  | 33.7                    | 5.2  | 27.1 | 34.9   | 74.0  | -39.1 | Peak      | 0   | V  | 1.00 | Y      |
| 4881.640      | 11.4  | 33.7                    | 5.2  | 27.1 | 23.1   | 54.0  | -30.9 | Ave       | 0   | V  | 1.00 | Y      |
| 7322.460      | 28.2  | 37.2                    | 6.6  | 26.3 | 45.7   | 74.0  | -28.3 | Peak      | 160 | V  | 1.00 | Y      |
| 7322.460      | 15.6  | 37.2                    | 6.6  | 26.3 | 33.1   | 54.0  | -20.9 | Ave       | 160 | V  | 1.00 | Y      |
| 9763.280      | 27.7  | 38.1                    | 7.6  | 25.5 | 48.0   | 74.0  | -26.0 | Peak      | 360 | V  | 1.00 | Y      |
| 9763.280      | 15.8  | 38.1                    | 7.6  | 25.5 | 36.1   | 54.0  | -17.9 | Ave       | 360 | V  | 1.00 | Y      |
| 12204.100     | 28.6  | 40.3                    | 10.4 | 24.9 | 54.4   | 74.0  | -19.6 | Peak      | 160 | V  | 1.00 | Y      |
| 12204.100     | 16.2  | 40.3                    | 10.4 | 24.9 | 42.0   | 54.0  | -12.0 | Ave       | 160 | V  | 1.00 | Y      |
| 14644.910     | 32.9  | 41.6                    | 11.0 | 21.6 | 63.9   | 74.0  | -10.1 | Peak      | 0   | V  | 1.00 | Y      |
| 14644.910     | 21.0  | 41.6                    | 11.0 | 21.6 | 52.0   | 54.0  | -2.0  | Ave       | 0   | V  | 1.00 | Y      |
| 17085.730     | 33.2  | 42.5                    | 13.2 | 20.9 | 67.9   | 74.0  | -6.1  | Peak      | 160 | V  | 1.00 | Y      |
| 17085.730     | 18.7  | 42.5                    | 13.2 | 20.9 | 53.5   | 54.0  | -0.5  | Ave       | 160 | V  | 1.00 | Y      |
| 2440.819      | 70.4  | 29.8                    | 3.7  | 23.3 | 80.6   | 114.0 | -33.4 | Peak      | 239 | H  | 1.45 | N      |
| 2440.819      | 33.4  | 29.8                    | 3.7  | 23.3 | 43.6   | 114.0 | -70.4 | Ave       | 239 | H  | 1.45 | N      |
| 4881.640      | 22.9  | 33.4                    | 5.2  | 27.1 | 34.4   | 74.0  | -39.6 | Peak      | 360 | H  | 1.45 | Y      |
| 4881.640      | 11.4  | 33.4                    | 5.2  | 27.1 | 22.9   | 54.0  | -31.1 | Ave       | 360 | H  | 1.45 | Y      |
| 7322.460      | 26.9  | 37.3                    | 6.6  | 26.3 | 44.5   | 74.0  | -29.5 | Peak      | 239 | H  | 1.45 | Y      |
| 7322.460      | 15.8  | 37.3                    | 6.6  | 26.3 | 33.4   | 54.0  | -20.6 | Ave       | 239 | H  | 1.45 | Y      |
| 9763.280      | 27.7  | 38.1                    | 7.6  | 25.5 | 48.0   | 74.0  | -26.0 | Peak      | 0   | H  | 1.45 | Y      |
| 9763.280      | 16.0  | 38.1                    | 7.6  | 25.5 | 36.3   | 54.0  | -17.7 | Ave       | 0   | H  | 1.45 | Y      |
| 12204.100     | 28.3  | 40.2                    | 10.4 | 24.9 | 54.0   | 74.0  | -20.0 | Peak      | 239 | H  | 1.45 | Y      |
| 12204.100     | 16.0  | 40.2                    | 10.4 | 24.9 | 41.7   | 54.0  | -12.3 | Ave       | 239 | H  | 1.45 | Y      |
| 14644.910     | 32.9  | 41.7                    | 11.0 | 21.6 | 64.1   | 74.0  | -9.9  | Peak      | 360 | H  | 1.45 | Y      |
| 14644.910     | 21.1  | 41.7                    | 11.0 | 21.6 | 52.3   | 54.0  | -1.7  | Ave       | 360 | H  | 1.45 | Y      |
| 17085.730     | 32.5  | 42.6                    | 13.2 | 20.9 | 67.4   | 74.0  | -6.6  | Peak      | 239 | H  | 1.45 | Y      |
| 17085.730     | 18.8  | 42.6                    | 13.2 | 20.9 | 53.7   | 54.0  | -0.3  | Ave       | 239 | H  | 1.45 | Y      |


|   |  |                                      |                                 |
|---|--|--------------------------------------|---------------------------------|
|  | 1100 E Chalk Creek Road<br>Coalville, UT 84017<br>(435) 336-4433<br>FAX (435) 336-4436 | <b>Radiated Emissions</b> (Spurious) |                                 |
| DNB Job Number:   | 96011  | Date: 9 Aug 2008                     | Specification<br><br>[X] 15.209 |
| Customer:   | Celio Technology Corporation   |                                      |                                 |
| Model Number:   | REDFLY C8-N (Inclusive of REDFLY C7)   |                                      |                                 |
| Description:  | Smart Phone Companion  |                                      |                                 |
|   | High Channel - X-Axis  |                                      |                                 |

Note 1: GF = Ground Floor = If Y reading was at ground floor, If N reading was identifiable signal

Note 2: Limit listed is the general limit as specified in 15.209 in order to show compliance with the restricted bands of operation as well as the out of band limit in 15.247. No other identifiable signals were observed in the restricted bands as specified in 15.205.

Note3: Highest frequency investigated was the tenth harmonic of the fundamental, no emissions were detected above the 2nd harmonic. Only data to the 7<sup>th</sup> harmonic has been provided.

| FREQ<br>(Mhz) | Meter | Correction Factors (dB) |      |      | dBuV/m |       |       | Positions |     |    |      | G<br>F |
|---------------|-------|-------------------------|------|------|--------|-------|-------|-----------|-----|----|------|--------|
|               |       | Ant                     | Cbl  | Amp  | Corr   | Lim   | Delta | Typ       | Tbl | Pl | Hgt  |        |
| 2479.779      | 61.2  | 29.7                    | 3.8  | 23.4 | 71.3   | 114.0 | -42.7 | Peak      | 224 | V  | 1.67 | N      |
| 2479.779      | 33.5  | 29.7                    | 3.8  | 23.4 | 43.6   | 114.0 | -70.4 | Ave       | 224 | V  | 1.67 | N      |
| 4959.770      | 22.5  | 33.9                    | 5.3  | 27.4 | 34.4   | 74.0  | -39.6 | Peak      | 289 | V  | 1.00 | Y      |
| 4959.770      | 11.9  | 33.9                    | 5.3  | 27.4 | 23.8   | 54.0  | -30.2 | Ave       | 289 | V  | 1.00 | Y      |
| 7439.550      | 27.0  | 37.2                    | 6.7  | 26.0 | 44.9   | 74.0  | -29.1 | Peak      | 289 | V  | 1.00 | Y      |
| 7439.550      | 16.0  | 37.2                    | 6.7  | 26.0 | 33.9   | 54.0  | -20.1 | Ave       | 289 | V  | 1.00 | Y      |
| 9919.330      | 28.1  | 38.1                    | 7.4  | 25.1 | 48.6   | 74.0  | -25.4 | Peak      | 360 | V  | 1.00 | Y      |
| 9919.330      | 16.5  | 38.1                    | 7.4  | 25.1 | 37.0   | 54.0  | -17.0 | Ave       | 360 | V  | 1.00 | Y      |
| 12399.110     | 28.5  | 40.8                    | 10.2 | 24.9 | 54.6   | 74.0  | -19.4 | Peak      | 0   | V  | 1.00 | Y      |
| 12399.110     | 17.0  | 40.8                    | 10.2 | 24.9 | 43.1   | 54.0  | -10.9 | Ave       | 0   | V  | 1.00 | Y      |
| 14878.890     | 33.0  | 41.9                    | 11.5 | 20.6 | 65.7   | 74.0  | -8.3  | Peak      | 0   | V  | 1.00 | Y      |
| 14878.890     | 20.1  | 41.9                    | 11.5 | 20.6 | 52.8   | 54.0  | -1.2  | Ave       | 0   | V  | 1.00 | Y      |
| 17358.670     | 32.2  | 42.9                    | 13.7 | 19.7 | 69.2   | 74.0  | -4.8  | Peak      | 180 | V  | 1.00 | Y      |
| 17358.670     | 16.6  | 42.9                    | 13.7 | 19.7 | 53.5   | 54.0  | -0.5  | Ave       | 180 | V  | 1.00 | Y      |
| 2479.779      | 64.0  | 29.9                    | 3.8  | 23.4 | 74.3   | 114.0 | -39.7 | Peak      | 285 | H  | 1.30 | N      |
| 2479.779      | 33.0  | 29.9                    | 3.8  | 23.4 | 43.3   | 114.0 | -70.7 | Ave       | 285 | H  | 1.30 | N      |
| 4959.770      | 22.6  | 33.7                    | 5.3  | 27.4 | 34.2   | 74.0  | -39.8 | Peak      | 281 | H  | 1.62 | Y      |
| 4959.770      | 12.0  | 33.7                    | 5.3  | 27.4 | 23.6   | 54.0  | -30.4 | Ave       | 281 | H  | 1.62 | Y      |
| 7439.550      | 27.6  | 37.3                    | 6.7  | 26.0 | 45.6   | 74.0  | -28.4 | Peak      | 360 | H  | 1.62 | Y      |
| 7439.550      | 16.0  | 37.3                    | 6.7  | 26.0 | 34.0   | 54.0  | -20.0 | Ave       | 360 | H  | 1.62 | Y      |
| 9919.330      | 28.6  | 38.1                    | 7.4  | 25.1 | 49.1   | 74.0  | -24.9 | Peak      | 180 | H  | 1.62 | Y      |
| 9919.330      | 16.1  | 38.1                    | 7.4  | 25.1 | 36.6   | 54.0  | -17.4 | Ave       | 180 | H  | 1.62 | Y      |
| 12399.110     | 28.5  | 40.7                    | 10.2 | 24.9 | 54.5   | 74.0  | -19.5 | Peak      | 0   | H  | 1.62 | Y      |
| 12399.110     | 16.7  | 40.7                    | 10.2 | 24.9 | 42.7   | 54.0  | -11.3 | Ave       | 0   | H  | 1.62 | Y      |
| 14878.890     | 33.2  | 42.0                    | 11.5 | 20.6 | 66.0   | 74.0  | -8.0  | Peak      | 281 | H  | 1.62 | Y      |
| 14878.890     | 21.0  | 42.0                    | 11.5 | 20.6 | 53.8   | 54.0  | -0.2  | Ave       | 281 | H  | 1.62 | Y      |
| 17358.670     | 33.4  | 43.3                    | 13.7 | 19.7 | 70.7   | 74.0  | -3.3  | Peak      | 360 | H  | 1.62 | Y      |
| 17358.670     | 16.1  | 43.3                    | 13.7 | 19.7 | 53.4   | 54.0  | -0.6  | Ave       | 360 | H  | 1.62 | Y      |

|   |  |                                      |             |                                 |
|---|--|--------------------------------------|-------------|---------------------------------|
|  | 1100 E Chalk Creek Road<br>Coalville, UT 84017<br>(435) 336-4433<br>FAX (435) 336-4436 | <b>Radiated Emissions</b> (Spurious) |             |                                 |
| DNB Job Number:   | 96011  | Date:                                | 15 Aug 2008 | Specification<br><br>[X] 15.209 |
| Customer:   | Celio Technology Corporation   |                                      |             |                                 |
| Model Number:   | REDFLY C8-N (Inclusive of REDFLY C7)   |                                      |             |                                 |
| Description:  | Smart Phone Companion  |                                      |             |                                 |
|   | High Channel - Y-Axis  |                                      |             |                                 |


Note 1: GF = Ground Floor = If Y reading was at ground floor, If N reading was identifiable signal

Note 2: Limit listed is the general limit as specified in 15.209 in order to show compliance with the restricted bands of operation as well as the out of band limit in 15.247. No other identifiable signals were observed in the restricted bands as specified in 15.205.

Note3: Highest frequency investigated was the tenth harmonic of the fundamental, no emissions were detected above the 2nd harmonic. Only data to the 7<sup>th</sup> harmonic has been provided.

| FREQ<br>(Mhz) | Meter | Correction Factors (dB) |      |      | dBuV/m |       |       | Positions |     |    |      | G<br>F |
|---------------|-------|-------------------------|------|------|--------|-------|-------|-----------|-----|----|------|--------|
|               |       | Ant                     | Cbl  | Amp  | Corr   | Lim   | Delta | Typ       | Tbl | Pl | Hgt  |        |
| 2479.940      | 64.9  | 29.7                    | 3.8  | 23.4 | 75.0   | 114.0 | -39.0 | Peak      | 221 | V  | 1.17 | N      |
| 2479.940      | 33.9  | 29.7                    | 3.8  | 23.4 | 44.0   | 114.0 | -70.0 | Ave       | 221 | V  | 1.17 | N      |
| 4960.010      | 23.5  | 33.9                    | 5.3  | 27.4 | 35.3   | 74.0  | -38.7 | Peak      | 360 | V  | 1.17 | Y      |
| 4960.010      | 11.8  | 33.9                    | 5.3  | 27.4 | 23.6   | 54.0  | -30.4 | Ave       | 360 | V  | 1.17 | Y      |
| 7439.950      | 28.2  | 37.2                    | 6.7  | 26.0 | 46.1   | 74.0  | -27.9 | Peak      | 221 | V  | 1.17 | Y      |
| 7439.950      | 15.9  | 37.2                    | 6.7  | 26.0 | 33.8   | 54.0  | -20.2 | Ave       | 221 | V  | 1.17 | Y      |
| 9919.890      | 28.6  | 38.1                    | 7.7  | 25.0 | 49.4   | 74.0  | -24.6 | Peak      | 0   | V  | 1.17 | Y      |
| 9919.890      | 16.0  | 38.1                    | 7.7  | 25.0 | 36.8   | 54.0  | -17.2 | Ave       | 0   | V  | 1.17 | Y      |
| 12399.830     | 27.9  | 40.8                    | 10.4 | 24.9 | 54.2   | 74.0  | -19.8 | Peak      | 221 | V  | 1.17 | Y      |
| 12399.830     | 16.4  | 40.8                    | 10.4 | 24.9 | 42.7   | 54.0  | -11.3 | Ave       | 221 | V  | 1.17 | Y      |
| 14879.770     | 32.5  | 41.9                    | 11.1 | 20.6 | 64.9   | 74.0  | -9.1  | Peak      | 360 | V  | 1.17 | Y      |
| 14879.770     | 20.9  | 41.9                    | 11.1 | 20.6 | 53.3   | 54.0  | -0.7  | Ave       | 360 | V  | 1.17 | Y      |
| 17359.710     | 32.9  | 42.9                    | 13.3 | 19.7 | 69.4   | 74.0  | -4.6  | Peak      | 221 | V  | 1.17 | Y      |
| 17359.710     | 16.5  | 42.9                    | 13.3 | 19.7 | 53.0   | 54.0  | -1.0  | Ave       | 221 | V  | 1.17 | Y      |
| 2479.940      | 66.2  | 29.9                    | 3.8  | 23.4 | 76.5   | 114.0 | -37.5 | Peak      | 270 | H  | 1.41 | N      |
| 2479.940      | 33.5  | 29.9                    | 3.8  | 23.4 | 43.8   | 114.0 | -70.2 | Ave       | 270 | H  | 1.41 | N      |
| 4960.010      | 22.1  | 33.7                    | 5.3  | 27.4 | 33.7   | 74.0  | -40.3 | Peak      | 270 | H  | 1.41 | Y      |
| 4960.010      | 11.9  | 33.7                    | 5.3  | 27.4 | 23.5   | 54.0  | -30.5 | Ave       | 270 | H  | 1.41 | Y      |
| 7439.950      | 27.7  | 37.3                    | 6.7  | 26.0 | 45.7   | 74.0  | -28.3 | Peak      | 360 | H  | 1.41 | Y      |
| 7439.950      | 15.8  | 37.3                    | 6.7  | 26.0 | 33.8   | 54.0  | -20.2 | Ave       | 360 | H  | 1.41 | Y      |
| 9919.890      | 28.5  | 38.1                    | 7.7  | 25.0 | 49.3   | 74.0  | -24.7 | Peak      | 270 | H  | 1.41 | Y      |
| 9919.890      | 16.0  | 38.1                    | 7.7  | 25.0 | 36.8   | 54.0  | -17.2 | Ave       | 270 | H  | 1.41 | Y      |
| 12399.830     | 28.0  | 40.7                    | 10.4 | 24.9 | 54.2   | 74.0  | -19.8 | Peak      | 0   | H  | 1.41 | Y      |
| 12399.830     | 16.3  | 40.7                    | 10.4 | 24.9 | 42.5   | 54.0  | -11.5 | Ave       | 0   | H  | 1.41 | Y      |
| 14879.770     | 32.8  | 42.0                    | 11.1 | 20.6 | 65.3   | 74.0  | -8.7  | Peak      | 270 | H  | 1.41 | Y      |
| 14879.770     | 20.4  | 42.0                    | 11.1 | 20.6 | 52.9   | 54.0  | -1.1  | Ave       | 270 | H  | 1.41 | Y      |
| 17359.710     | 33.0  | 43.3                    | 13.3 | 19.7 | 69.9   | 74.0  | -4.1  | Peak      | 360 | H  | 1.41 | Y      |
| 17359.710     | 16.7  | 43.3                    | 13.3 | 19.7 | 53.6   | 54.0  | -0.4  | Ave       | 360 | H  | 1.41 | Y      |



|   |  |                                      |                                 |
|---|--|--------------------------------------|---------------------------------|
|  | 1100 E Chalk Creek Road<br>Coalville, UT 84017<br>(435) 336-4433<br>FAX (435) 336-4436 | <b>Radiated Emissions</b> (Spurious) |                                 |
| DNB Job Number:   | 96011  | Date: 14 Aug 2008                    | Specification<br><br>[X] 15.209 |
| Customer:   | Celio Technology Corporation   |                                      |                                 |
| Model Number:   | REDFLY C8-N (Inclusive of REDFLY C7)   |                                      |                                 |
| Description:  | Smart Phone Companion  |                                      |                                 |
|   | High Channel - Z-Axis  |                                      |                                 |

Note 1: GF = Ground Floor = If Y reading was at ground floor, If N reading was identifiable signal

Note 2: Limit listed is the general limit as specified in 15.209 in order to show compliance with the restricted bands of operation as well as the out of band limit in 15.247. No other identifiable signals were observed in the restricted bands as specified in 15.205.

Note3: Highest frequency investigated was the tenth harmonic of the fundamental, no emissions were detected above the 2nd harmonic. Only data to the 7<sup>th</sup> harmonic has been provided.

| FREQ<br>(Mhz) | Meter | Correction Factors (dB) |      |      | dBuV/m |       |       | Positions |     |    |      | G<br>F |
|---------------|-------|-------------------------|------|------|--------|-------|-------|-----------|-----|----|------|--------|
|               |       | Ant                     | Cbl  | Amp  | Corr   | Lim   | Delta | Typ       | Tbl | Pl | Hgt  |        |
| 2479.940      | 66.9  | 29.9                    | 3.8  | 23.4 | 77.2   | 114.0 | -36.8 | Peak      | 246 | H  | 1.73 | N      |
| 2479.940      | 33.6  | 29.9                    | 3.8  | 23.4 | 43.9   | 114.0 | -70.1 | Ave       | 246 | H  | 1.73 | N      |
| 4960.010      | 23.5  | 33.7                    | 5.3  | 27.4 | 35.1   | 74.0  | -38.9 | Peak      | 360 | H  | 1.73 | Y      |
| 4960.010      | 12.0  | 33.7                    | 5.3  | 27.4 | 23.6   | 54.0  | -30.4 | Ave       | 360 | H  | 1.73 | Y      |
| 7439.950      | 28.5  | 37.3                    | 6.7  | 26.0 | 46.6   | 74.0  | -27.4 | Peak      | 246 | H  | 1.73 | Y      |
| 7439.950      | 16.1  | 37.3                    | 6.7  | 26.0 | 34.2   | 54.0  | -19.8 | Ave       | 246 | H  | 1.73 | Y      |
| 9919.890      | 27.8  | 38.1                    | 7.4  | 25.0 | 48.3   | 74.0  | -25.7 | Peak      | 0   | H  | 1.00 | Y      |
| 9919.890      | 15.8  | 38.1                    | 7.4  | 25.0 | 36.3   | 54.0  | -17.7 | Ave       | 0   | H  | 1.00 | Y      |
| 12399.830     | 28.6  | 40.7                    | 10.2 | 24.9 | 54.6   | 74.0  | -19.4 | Peak      | 246 | H  | 1.73 | Y      |
| 12399.830     | 16.0  | 40.7                    | 10.2 | 24.9 | 42.0   | 54.0  | -12.0 | Ave       | 246 | H  | 1.73 | Y      |
| 14879.770     | 32.7  | 42.0                    | 11.5 | 20.6 | 65.5   | 74.0  | -8.5  | Peak      | 360 | H  | 1.73 | Y      |
| 14879.770     | 20.7  | 42.0                    | 11.5 | 20.6 | 53.5   | 54.0  | -0.5  | Ave       | 360 | H  | 1.73 | Y      |
| 17359.710     | 32.9  | 43.3                    | 13.7 | 19.7 | 70.2   | 74.0  | -3.8  | Peak      | 246 | H  | 1.73 | Y      |
| 17359.710     | 16.3  | 43.3                    | 13.7 | 19.7 | 53.6   | 54.0  | -0.4  | Ave       | 246 | H  | 1.73 | Y      |
| 2479.940      | 65.1  | 29.7                    | 3.8  | 23.4 | 75.2   | 114.0 | -38.8 | Peak      | 266 | V  | 1.54 | N      |
| 2479.940      | 32.5  | 29.7                    | 3.8  | 23.4 | 42.6   | 114.0 | -71.4 | Ave       | 266 | V  | 1.54 | N      |
| 4960.010      | 23.2  | 33.9                    | 5.3  | 27.4 | 35.1   | 74.0  | -38.9 | Peak      | 360 | V  | 1.54 | Y      |
| 4960.010      | 11.7  | 33.9                    | 5.3  | 27.4 | 23.6   | 54.0  | -30.4 | Ave       | 360 | V  | 1.54 | Y      |
| 7439.950      | 28.4  | 37.2                    | 6.7  | 26.0 | 46.4   | 74.0  | -27.6 | Peak      | 266 | V  | 1.54 | Y      |
| 7439.950      | 15.9  | 37.2                    | 6.7  | 26.0 | 33.9   | 54.0  | -20.1 | Ave       | 266 | V  | 1.54 | Y      |
| 9919.890      | 27.9  | 38.1                    | 7.4  | 25.0 | 48.4   | 74.0  | -25.6 | Peak      | 0   | V  | 1.54 | Y      |
| 9919.890      | 16.1  | 38.1                    | 7.4  | 25.0 | 36.6   | 54.0  | -17.4 | Ave       | 0   | V  | 1.54 | Y      |
| 12399.830     | 28.5  | 40.8                    | 10.2 | 24.9 | 54.6   | 74.0  | -19.4 | Peak      | 266 | V  | 1.00 | Y      |
| 12399.830     | 16.2  | 40.8                    | 10.2 | 24.9 | 42.3   | 54.0  | -11.7 | Ave       | 266 | V  | 1.00 | Y      |
| 14879.770     | 32.7  | 41.9                    | 11.5 | 20.6 | 65.4   | 74.0  | -8.6  | Peak      | 360 | V  | 1.00 | Y      |
| 14879.770     | 20.9  | 41.9                    | 11.5 | 20.6 | 53.6   | 54.0  | -0.4  | Ave       | 360 | V  | 1.00 | Y      |
| 17359.710     | 32.6  | 42.9                    | 13.7 | 19.7 | 69.6   | 74.0  | -4.4  | Peak      | 266 | V  | 1.54 | Y      |
| 17359.710     | 16.9  | 42.9                    | 13.7 | 19.7 | 53.8   | 54.0  | -0.2  | Ave       | 266 | V  | 1.54 | Y      |



## 15.247 (a,1) Channel Separation

Test Procedure:

### **Carrier Frequency Separation**

The EUT must have its hopping function enabled. Use the following spectrum analyzer settings:

Span = wide enough to capture the peaks of two adjacent channels

Resolution (or IF) Bandwidth (RBW) 1% of the span

Video (or Average) Bandwidth (VBW) RBW

Sweep = auto

Detector function = peak

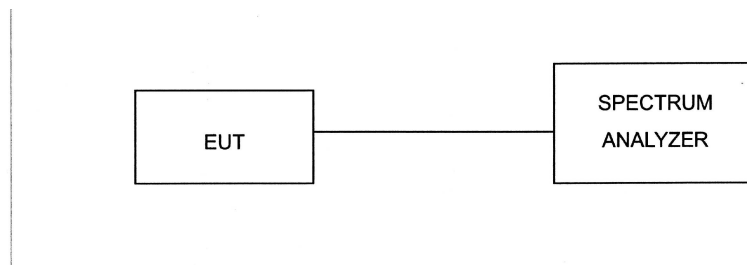
Trace = max hold


Allow the trace to stabilize. Use the marker-delta function to determine the separation between the peaks of the adjacent channels. The limit is specified in one of the subparagraphs of this Section. Submit this plot.

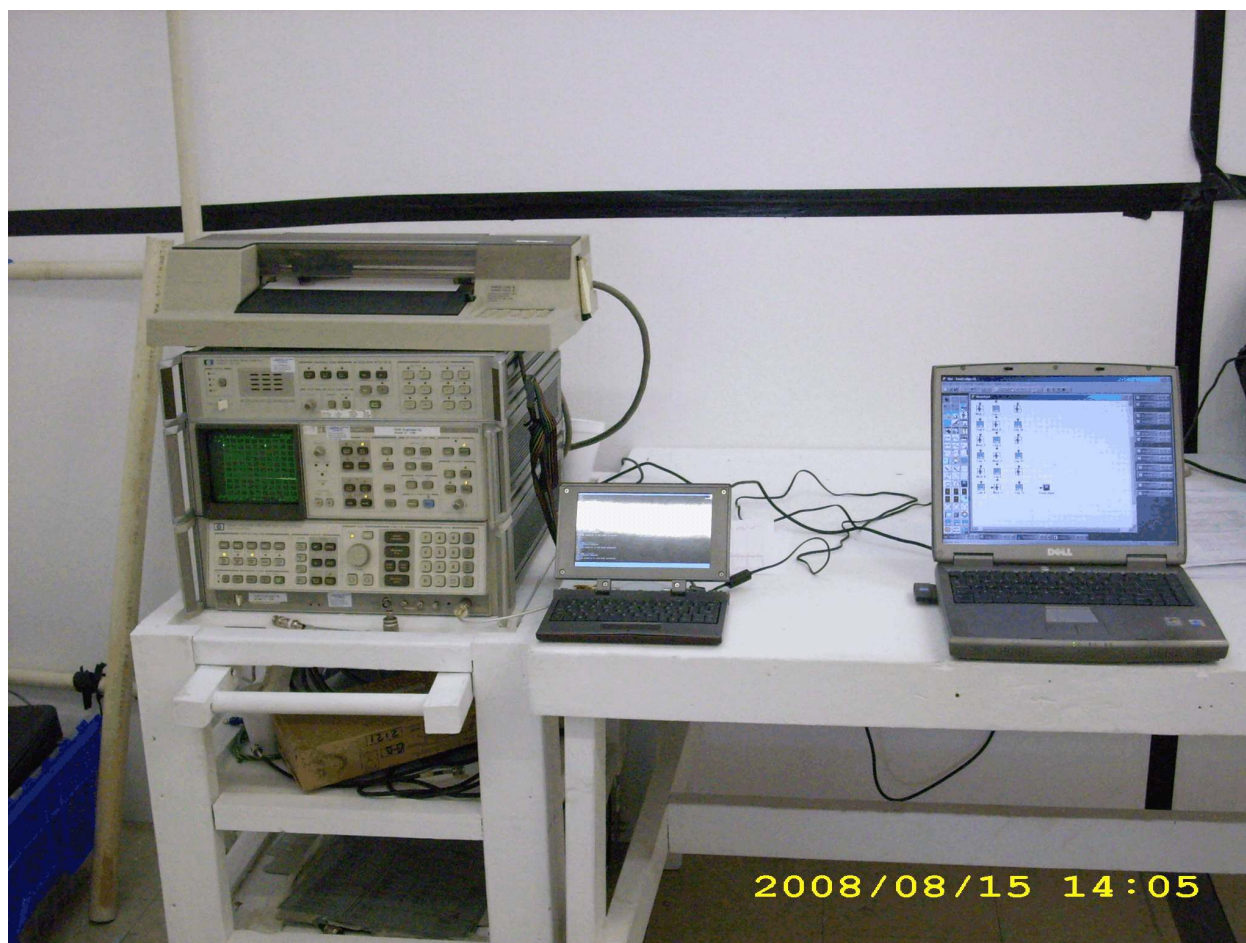
EUT operating conditions:


The software provided by the client to enable the EUT to transmit continuously.

Test Set Up: (Note following set up was used for all antenna conducted measurements)



|   |  |                                |             |  |
|---|--|--------------------------------|-------------|--|
|  | 1100 E Chalk Creek Road<br>Coalville, UT 84017<br>(435) 336-4433<br>FAX (435) 336-4436 | <b>Measurement Test Set Up</b> |             |  |
| DNB Job Number:   | 96011  | Date:                          | 15 Aug 2008 | <b>Conformance<br/>Standard</b><br><br>FCC Part 15 |
| Customer:   | Celio Technology Corporation   |                                |             |  |
| Model Number:   | REDFLY C8-N (Inclusive of REDFLY C7)   |                                |             |  |
| Description:  | Smart Phone Companion  |                                |             | <b>Clause</b><br>15.247                            |
|   |  |                                |             |  |
| Antenna Conducted Measurement Set Up  |  |                                |             |  |



|   |  |                   |                                       |  |
|---|--|-------------------|---------------------------------------|--|
|    | 1100 E Chalk Creek Road<br>Coalville, UT 84017<br>(435) 336-4433<br>FAX (435) 336-4436 |                   | <b>20 dB Single Channel Bandwidth</b> |  |
| DNB Job Number:   | 96011  | Date:             | 28 Aug 2008                           | <b>Conformance Standard</b><br><br>FCC Part 15 |
| Customer:   | Celio Technology Corporation   |                   |                                       |  |
| Model Number:   | REDFLY C8-N (Inclusive of REDFLY C7)   |                   |                                       |  |
| Description:  | Smart Phone Companion  |                   |                                       | <b>Clause</b><br>15.247(a,1)                   |
|   | Test Procedure   |                   |                                       |  |
| Environmental Conditions  |  |                   |                                       |  |
| Ambient Temperature   |  | Relative Humidity |                                       | Barometric Pressure                            |
| 21 °C   |  | 25 %              |                                       | 101.2 kPa                                      |
| EUT performed within the requirements of the applicable standard <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>Les Payne</i> |  |                   |                                       |  |

### 20 dB Bandwidth

Use the following spectrum analyzer settings:

Span = approximately 2 to 3 times the 20 dB bandwidth, centered on a hopping channel

RBW = 1% of the 20 dB bandwidth


VBW = RBW

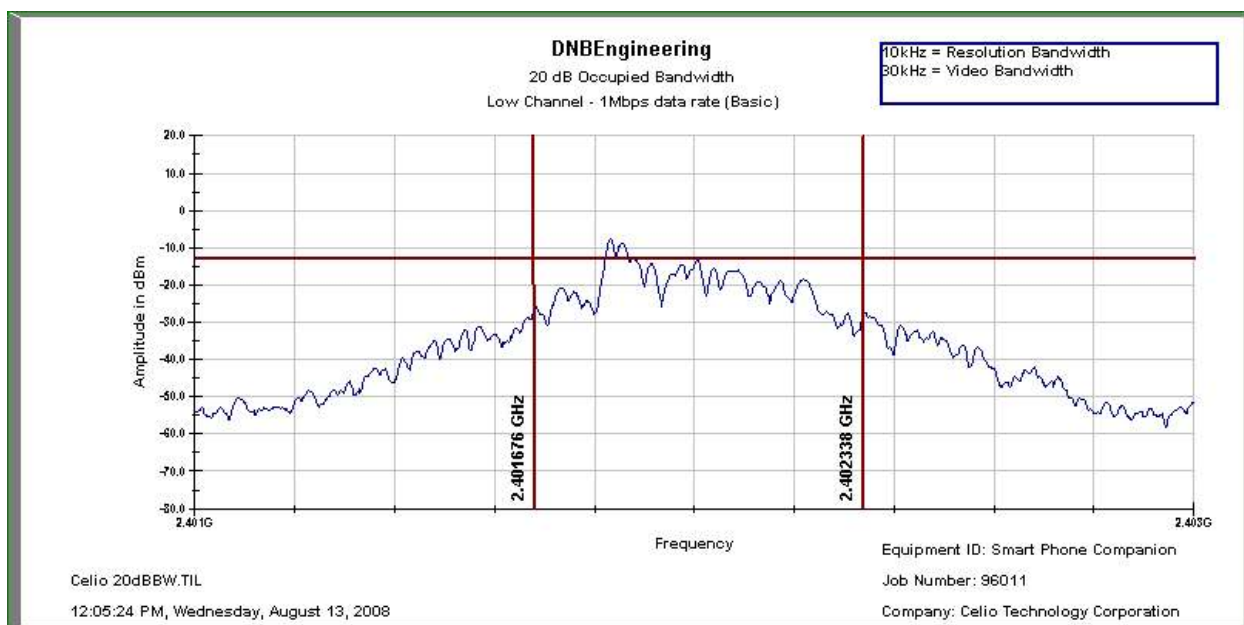
Sweep = auto

Detector function = peak

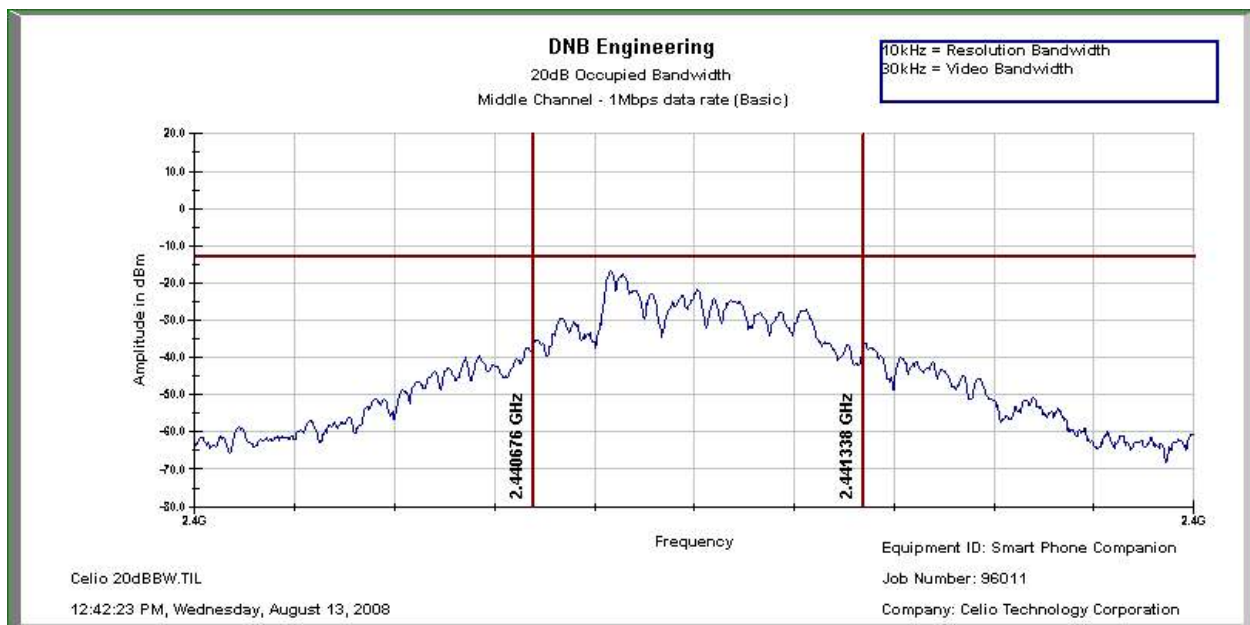
Trace = max hold


The EUT should be transmitting at its maximum data rate. Allow the trace to stabilize. Use the marker-to-peak function to set the marker to the peak of the emission. Use the marker-delta function to measure 20 dB down one side of the emission. Reset the marker-delta function, and move the marker to the other side of the emission, until it is (as close as possible to) even with the reference marker level. The marker-delta reading at this point is the 20 dB bandwidth of the emission. If this value varies with different modes of operation (e.g., data rate, modulation format, etc.), repeat this test for each variation. The limit is specified in one of the subparagraphs of this Section. Submit this plot(s).

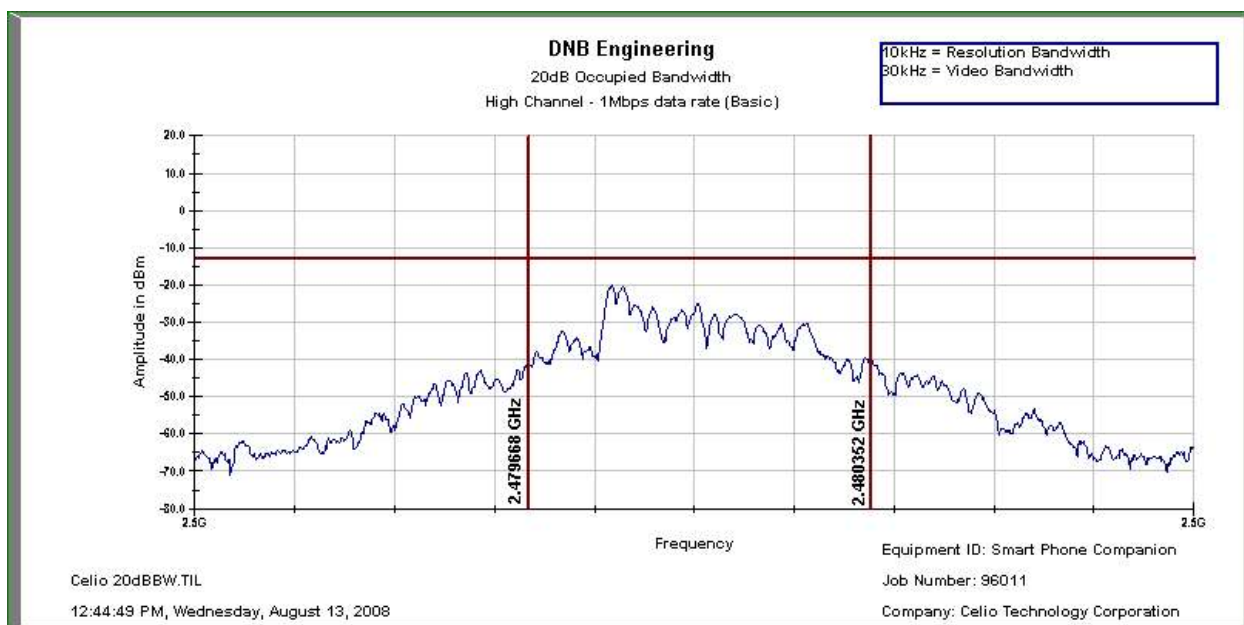
|   |                                      |  |                |  |  |
|---|--------------------------------------|--|----------------|--|--|
|    |                                      | 1100 E Chalk Creek Road<br>Coalville, UT 84017<br>(435) 336-4433<br>FAX (435) 336-4436 |                | <b>20 dB Single Channel Bandwidth</b>  |  |
| DNB Job Number:   | 96011                                | Date:  | 13 Aug 2008    | <b>Conformance Standard</b><br><br>FCC Part 15<br><br><b>Clause</b><br>15.247(a,1) |  |
| Customer:   | Celio Technology Corporation         |  |                |  |  |
| Model Number:   | REDFLY C8-N (Inclusive of REDFLY C7) |  |                |  |  |
| Description:  | Smart Phone Companion                |  |                |  |  |
|   | 1Mbps data rate (Basic data rate)    |  |                |  |  |
| Environmental Conditions  |                                      |  |                |  |  |
| Ambient Temperature   |                                      | Relative Humidity  |                | Barometric Pressure  |  |
| 21 °C   |                                      | 25 %   |                | 101.2 kPa  |  |
| EUT performed within the requirements of the applicable standard <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>Les Payne</i> |                                      |  |                |  |  |
| Channel   | Chl Freq (MHz)                       | 20dB BW (kHz)  | Limit          | Pass/Fail  |  |
| Low   | 2402                                 | 662  | Not Applicable | Not Applicable   |  |




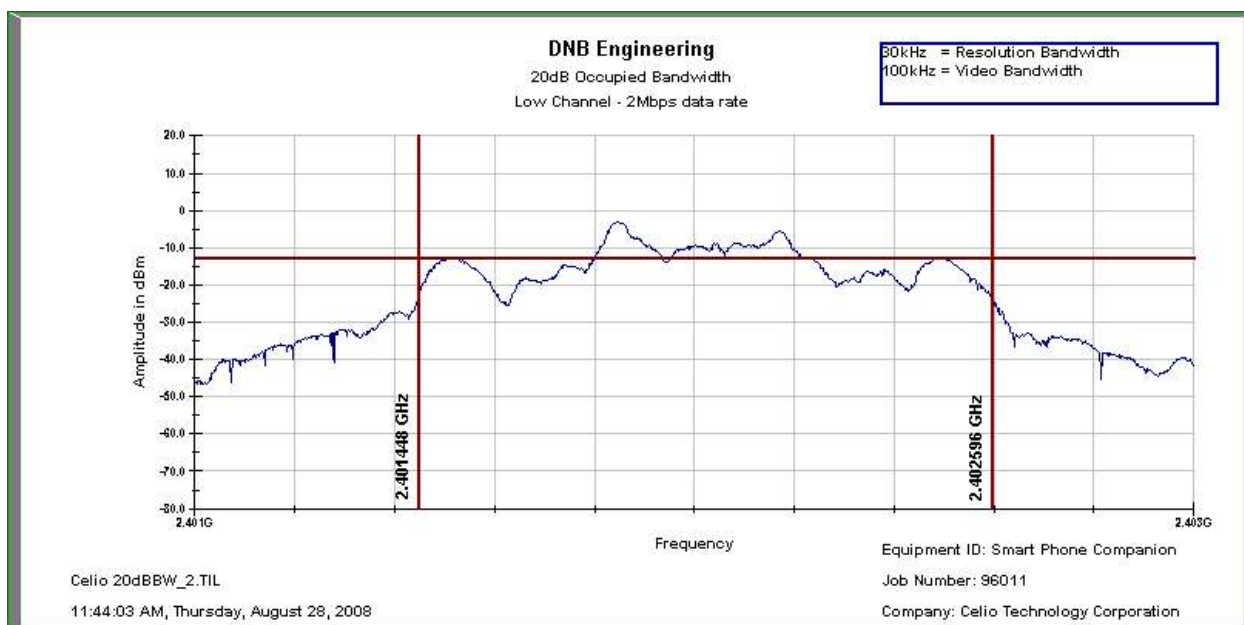
|   |                |  |                |                                       |  |
|---|----------------|--|----------------|---------------------------------------|--|
|    |                | 1100 E Chalk Creek Road<br>Coalville, UT 84017<br>(435) 336-4433<br>FAX (435) 336-4436 |                | <b>20 dB Single Channel Bandwidth</b> |  |
| DNB Job Number:   |                | 96011  |                | Date: 13 Aug 2008                     |  |
| Customer:   |                | Celio Technology Corporation   |                |                                       |  |
| Model Number:   |                | REDFLY C8-N (Inclusive of REDFLY C7)   |                |                                       |  |
| Description:  |                | Smart Phone Companion  |                |                                       |  |
|   |                | 1Mbps data rate (Basic data rate)  |                |                                       |  |
| <b>Conformance Standard</b><br>FCC Part 15<br><b>Clause</b><br>15.247(a,1)  |                |  |                |                                       |  |
| <b>Environmental Conditions</b>   |                |  |                |                                       |  |
| Ambient Temperature   |                | Relative Humidity  |                | Barometric Pressure                   |  |
| 21 °C   |                | 25 %   |                | 101.2 kPa                             |  |
| EUT performed within the requirements of the applicable standard <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>Les Payne</i> |                |  |                |                                       |  |
| Channel   | Chl Freq (MHz) | 20dB BW (kHz)  | Limit          | Pass/Fail                             |  |
| Middle  | 2441           | 662  | Not Applicable | Not Applicable                        |  |




|   |                                      |  |                |  |  |
|---|--------------------------------------|--|----------------|--|--|
|    |                                      | 1100 E Chalk Creek Road<br>Coalville, UT 84017<br>(435) 336-4433<br>FAX (435) 336-4436 |                | <b>20 dB Single Channel Bandwidth</b>  |  |
| DNB Job Number:   | 96011                                | Date:  | 13 Aug 2008    | <b>Conformance Standard</b><br><br>FCC Part 15<br><br><b>Clause</b><br>15.247(a,1) |  |
| Customer:   | Celio Technology Corporation         |  |                |  |  |
| Model Number:   | REDFLY C8-N (Inclusive of REDFLY C7) |  |                |  |  |
| Description:  | Smart Phone Companion                |  |                |  |  |
|   | 1Mbps data rate (Basic data rate)    |  |                |  |  |
| Environmental Conditions  |                                      |  |                |  |  |
| Ambient Temperature   |                                      | Relative Humidity  |                | Barometric Pressure  |  |
| 21 °C   |                                      | 25 %   |                | 101.2 kPa  |  |
| EUT performed within the requirements of the applicable standard <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>Les Payne</i> |                                      |  |                |  |  |
| Channel   | Chl Freq (MHz)                       | 20dB BW (kHz)  | Limit          | Pass/Fail  |  |
| High  | 2480                                 | 684  | Not Applicable | Not Applicable   |  |

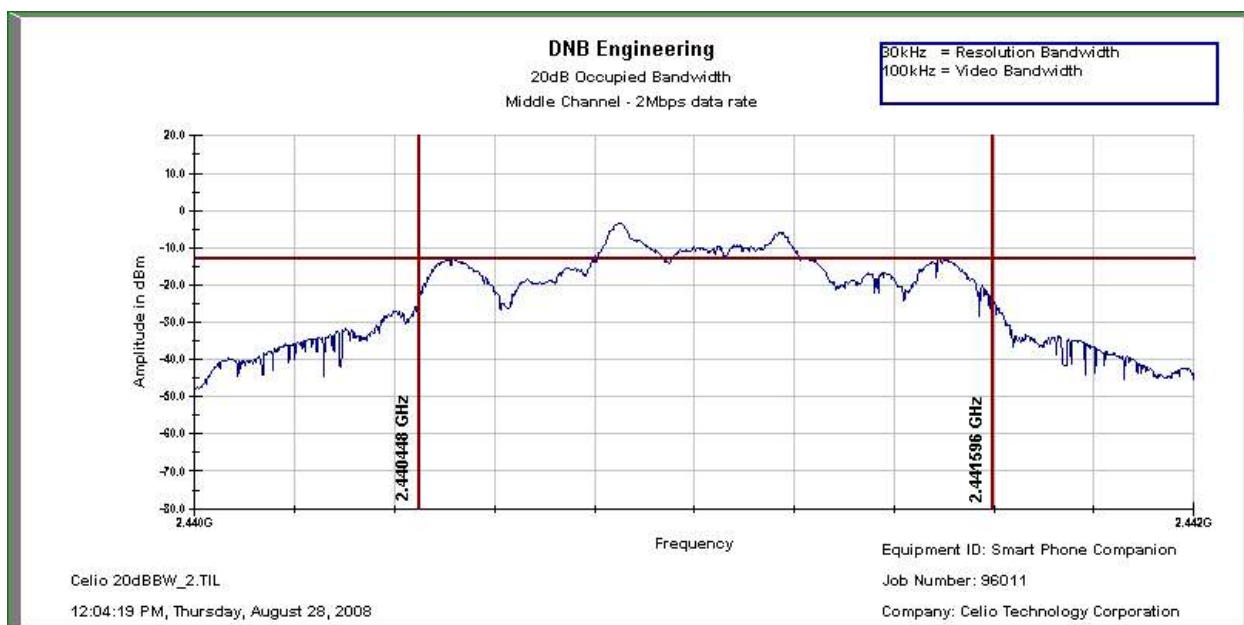


|   |                |  |                |                                       |  |
|---|----------------|--|----------------|---------------------------------------|--|
|    |                | 1100 E Chalk Creek Road<br>Coalville, UT 84017<br>(435) 336-4433<br>FAX (435) 336-4436 |                | <b>20 dB Single Channel Bandwidth</b> |  |
| DNB Job Number:   |                | 96011  |                | Date: 28 Aug 2008                     |  |
| Customer:   |                | Celio Technology Corporation   |                |                                       |  |
| Model Number:   |                | REDFLY C8-N (Inclusive of REDFLY C7)   |                |                                       |  |
| Description:  |                | Smart Phone Companion  |                |                                       |  |
|   |                | 2Mbps data rate  |                |                                       |  |
| <b>Environmental Conditions</b>   |                |  |                |                                       |  |
| Ambient Temperature   |                | Relative Humidity  |                | Barometric Pressure                   |  |
| 21 °C   |                | 25 %   |                | 101.2 kPa                             |  |
| EUT performed within the requirements of the applicable standard <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>Les Payne</i> |                |  |                |                                       |  |
| Channel   | Chl Freq (MHz) | 20dB BW (kHz)  | Limit          | Pass/Fail                             |  |
| Low   | 2402           | 1148   | Not Applicable | Not Applicable                        |  |




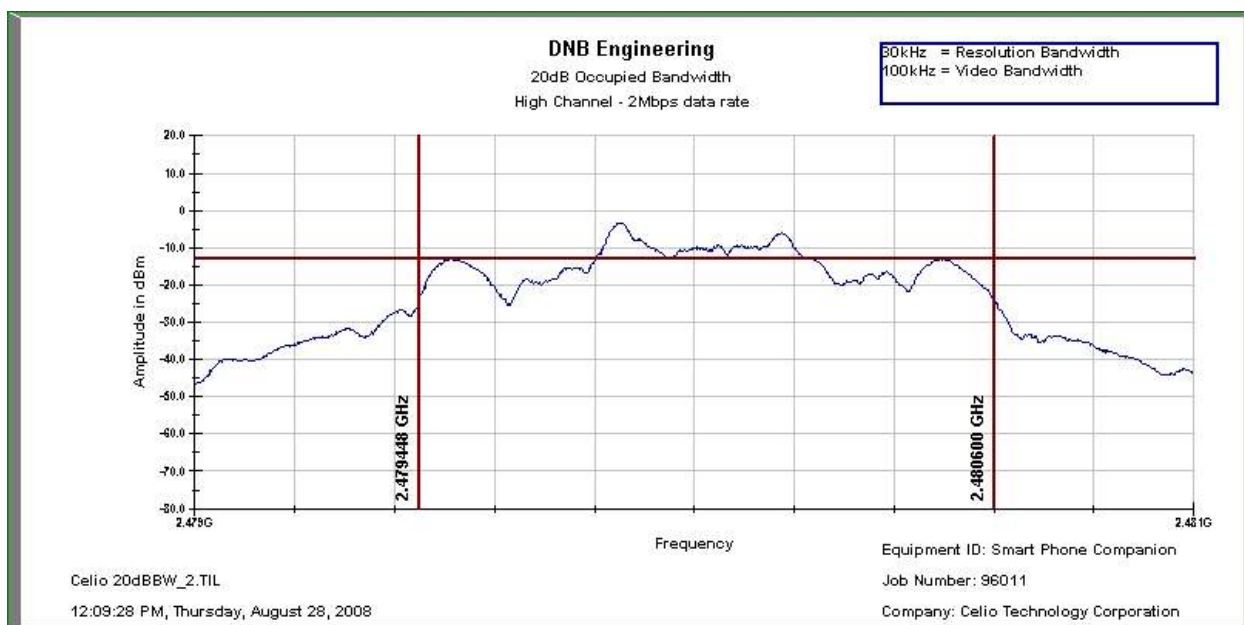



|   |                |  |                |                                       |  |
|---|----------------|--|----------------|---------------------------------------|--|
|    |                | 1100 E Chalk Creek Road<br>Coalville, UT 84017<br>(435) 336-4433<br>FAX (435) 336-4436 |                | <b>20 dB Single Channel Bandwidth</b> |  |
| DNB Job Number:   |                | 96011  |                | Date: 28 Aug 2008                     |  |
| Customer:   |                | Celio Technology Corporation   |                |                                       |  |
| Model Number:   |                | REDFLY C8-N (Inclusive of REDFLY C7)   |                |                                       |  |
| Description:  |                | Smart Phone Companion  |                |                                       |  |
|   |                | 2Mbps data rate  |                |                                       |  |
| <b>Environmental Conditions</b>   |                |  |                |                                       |  |
| Ambient Temperature   |                | Relative Humidity  |                | Barometric Pressure                   |  |
| 21 °C   |                | 25 %   |                | 101.2 kPa                             |  |
| EUT performed within the requirements of the applicable standard <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>Les Payne</i> |                |  |                |                                       |  |
| Channel   | Chl Freq (MHz) | 20dB BW (kHz)  | Limit          | Pass/Fail                             |  |
| Middle  | 2441           | 1148   | Not Applicable | Not Applicable                        |  |

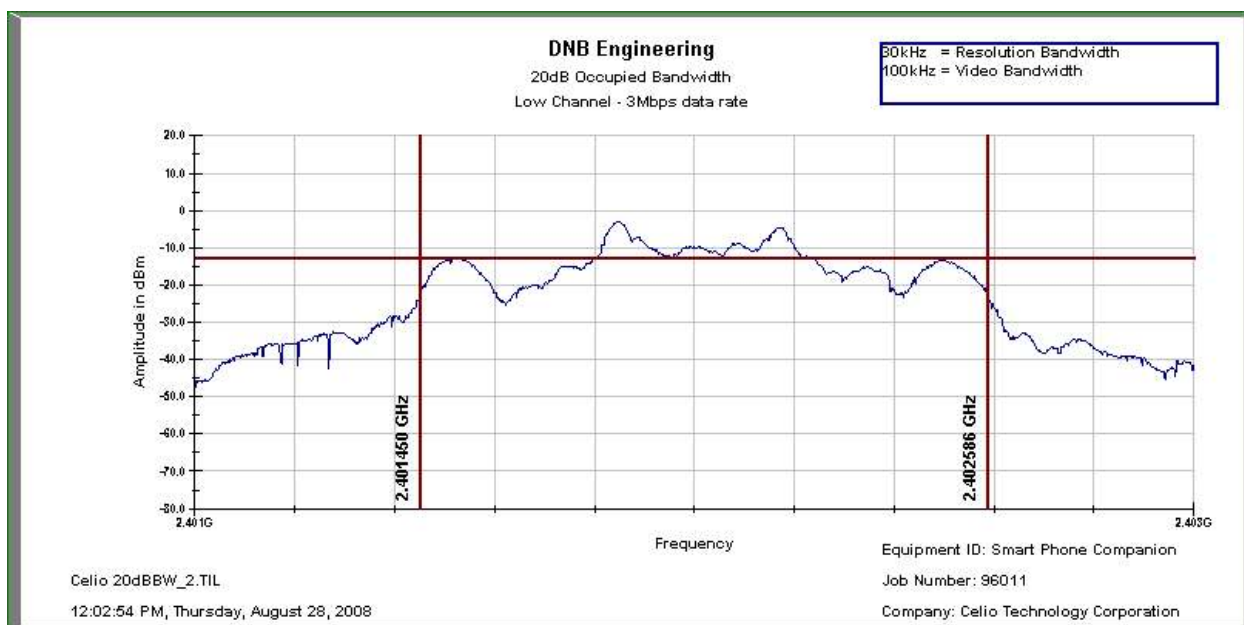





|   |                |  |                |                                       |  |
|---|----------------|--|----------------|---------------------------------------|--|
|    |                | 1100 E Chalk Creek Road<br>Coalville, UT 84017<br>(435) 336-4433<br>FAX (435) 336-4436 |                | <b>20 dB Single Channel Bandwidth</b> |  |
| DNB Job Number:   |                | 96011  |                | Date: 28 Aug 2008                     |  |
| Customer:   |                | Celio Technology Corporation   |                |                                       |  |
| Model Number:   |                | REDFLY C8-N (Inclusive of REDFLY C7)   |                |                                       |  |
| Description:  |                | Smart Phone Companion  |                |                                       |  |
|   |                | 2Mbps data rate  |                |                                       |  |
| Environmental Conditions  |                |  |                |                                       |  |
| Ambient Temperature   |                | Relative Humidity  |                | Barometric Pressure                   |  |
| 21 °C   |                | 25 %   |                | 101.2 kPa                             |  |
| EUT performed within the requirements of the applicable standard <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>Les Payne</i> |                |  |                |                                       |  |
| Channel   | Chl Freq (MHz) | 20dB BW (kHz)  | Limit          | Pass/Fail                             |  |
| High  | 2480           | 1152   | Not Applicable | Not Applicable                        |  |

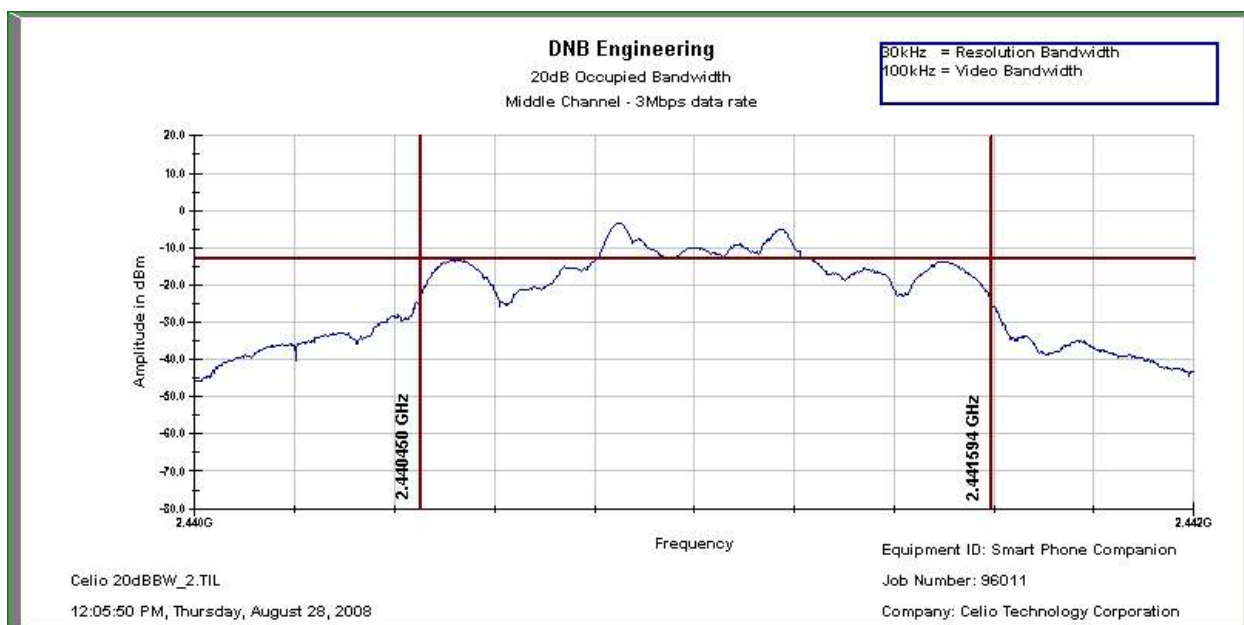



|   |                |  |                |                                       |  |
|---|----------------|--|----------------|---------------------------------------|--|
|    |                | 1100 E Chalk Creek Road<br>Coalville, UT 84017<br>(435) 336-4433<br>FAX (435) 336-4436 |                | <b>20 dB Single Channel Bandwidth</b> |  |
| DNB Job Number:   |                | 96011  |                | Date: 28 Aug 2008                     |  |
| Customer:   |                | Celio Technology Corporation   |                |                                       |  |
| Model Number:   |                | REDFLY C8-N (Inclusive of REDFLY C7)   |                |                                       |  |
| Description:  |                | Smart Phone Companion  |                |                                       |  |
|   |                | 3Mbps data rate  |                |                                       |  |
| Environmental Conditions  |                |  |                |                                       |  |
| Ambient Temperature   |                | Relative Humidity  |                | Barometric Pressure                   |  |
| 21 °C   |                | 25 %   |                | 101.2 kPa                             |  |
| EUT performed within the requirements of the applicable standard <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>Les Payne</i> |                |  |                |                                       |  |
| Channel   | Chl Freq (MHz) | 20dB BW (kHz)  | Limit          | Pass/Fail                             |  |
| Low   | 2402           | 1136   | Not Applicable | Not Applicable                        |  |

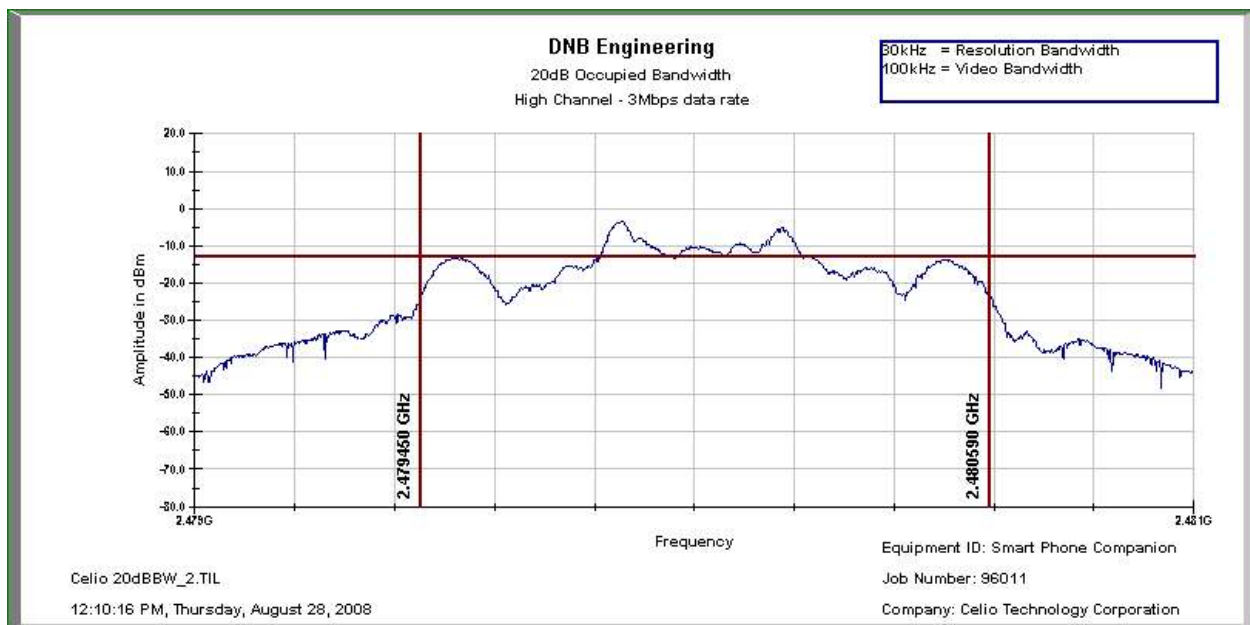



|   |                |  |                |                                       |  |
|---|----------------|--|----------------|---------------------------------------|--|
|    |                | 1100 E Chalk Creek Road<br>Coalville, UT 84017<br>(435) 336-4433<br>FAX (435) 336-4436 |                | <b>20 dB Single Channel Bandwidth</b> |  |
| DNB Job Number:   |                | 96011  |                | Date: 28 Aug 2008                     |  |
| Customer:   |                | Celio Technology Corporation   |                |                                       |  |
| Model Number:   |                | REDFLY C8-N (Inclusive of REDFLY C7)   |                |                                       |  |
| Description:  |                | Smart Phone Companion  |                |                                       |  |
|   |                | 3Mbps data rate  |                |                                       |  |
| Environmental Conditions  |                |  |                |                                       |  |
| Ambient Temperature   |                | Relative Humidity  |                | Barometric Pressure                   |  |
| 21 °C   |                | 25 %   |                | 101.2 kPa                             |  |
| EUT performed within the requirements of the applicable standard <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>Les Payne</i> |                |  |                |                                       |  |
| Channel   | Chl Freq (MHz) | 20dB BW (kHz)  | Limit          | Pass/Fail                             |  |
| Middle  | 2441           | 1144   | Not Applicable | Not Applicable                        |  |

3



|   |                |  |                |                                       |  |
|---|----------------|--|----------------|---------------------------------------|--|
|    |                | 1100 E Chalk Creek Road<br>Coalville, UT 84017<br>(435) 336-4433<br>FAX (435) 336-4436 |                | <b>20 dB Single Channel Bandwidth</b> |  |
| DNB Job Number:   |                | 96011  |                | Date: 28 Aug 2008                     |  |
| Customer:   |                | Celio Technology Corporation   |                |                                       |  |
| Model Number:   |                | REDFLY C8-N (Inclusive of REDFLY C7)   |                |                                       |  |
| Description:  |                | Smart Phone Companion  |                |                                       |  |
|   |                | 3Mbps data rate  |                |                                       |  |
| Environmental Conditions  |                |  |                |                                       |  |
| Ambient Temperature   |                | Relative Humidity  |                | Barometric Pressure                   |  |
| 21 °C   |                | 25 %   |                | 101.2 kPa                             |  |
| EUT performed within the requirements of the applicable standard <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>Les Payne</i> |                |  |                |                                       |  |
| Channel   | Chl Freq (MHz) | 20dB BW (kHz)  | Limit          | Pass/Fail                             |  |
| High  | 2480           | 1140   | Not Applicable | Not Applicable                        |  |



|   |  |                   |                           |  |
|---|--|-------------------|---------------------------|--|
|    | 1100 E Chalk Creek Road<br>Coalville, UT 84017<br>(435) 336-4433<br>FAX (435) 336-4436 |                   | <b>Channel Separation</b> |  |
| DNB Job Number:   | 96011  | Date:             | 15 Aug 2008               | <b>Conformance Standard</b><br><br>FCC Part 15 |
| Customer:   | Celio Technology Corporation   |                   |                           |  |
| Model Number:   | REDFLY C8-N (Inclusive of REDFLY C7)   |                   |                           |  |
| Description:  | Smart Phone Companion  |                   |                           | <b>Clause</b><br>15.247(a,1,iii)               |
|   | Test Procedure   |                   |                           |  |
| Environmental Conditions  |  |                   |                           |  |
| Ambient Temperature   |  | Relative Humidity |                           | Barometric Pressure                            |
| 19 °C   |  | 28 %              |                           | 101.8 kPa                                      |
| EUT performed within the requirements of the applicable standard <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>Les Payne</i> |  |                   |                           |  |

### **Carrier Frequency Separation**

The EUT must have its hopping function enabled. Use the following spectrum analyzer settings:

Span = wide enough to capture the peaks of two adjacent channels

Resolution (or IF) Bandwidth (RBW)    1% of the span


Video (or Average) Bandwidth (VBW)    RBW

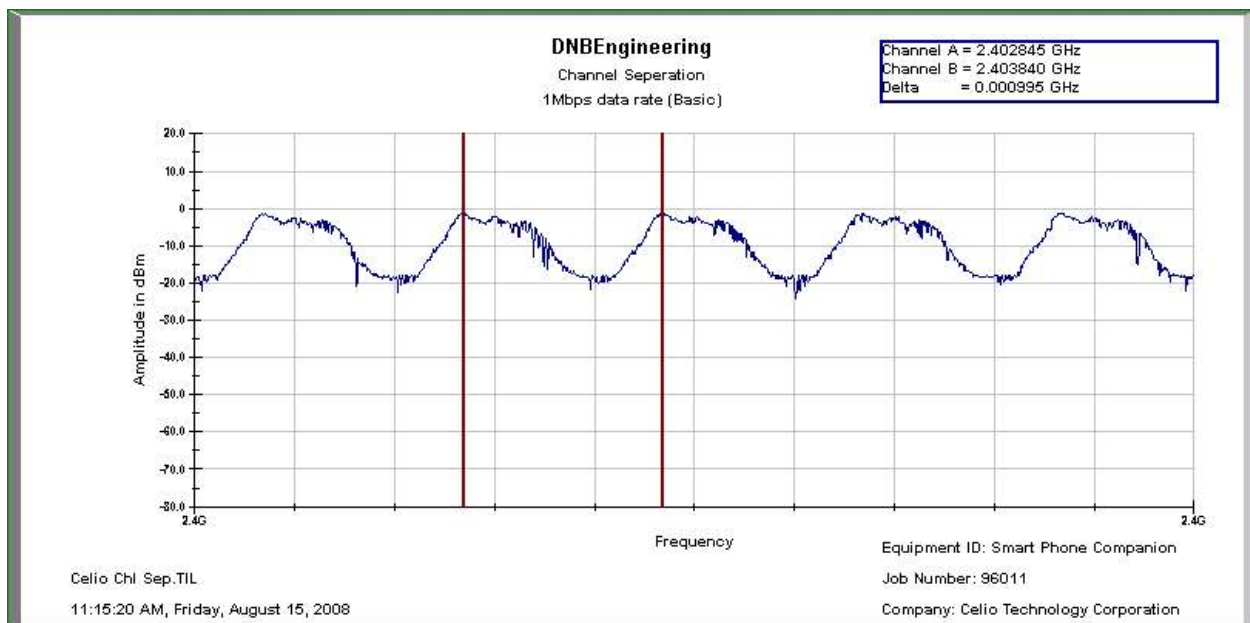
Sweep = auto


Detector function = peak

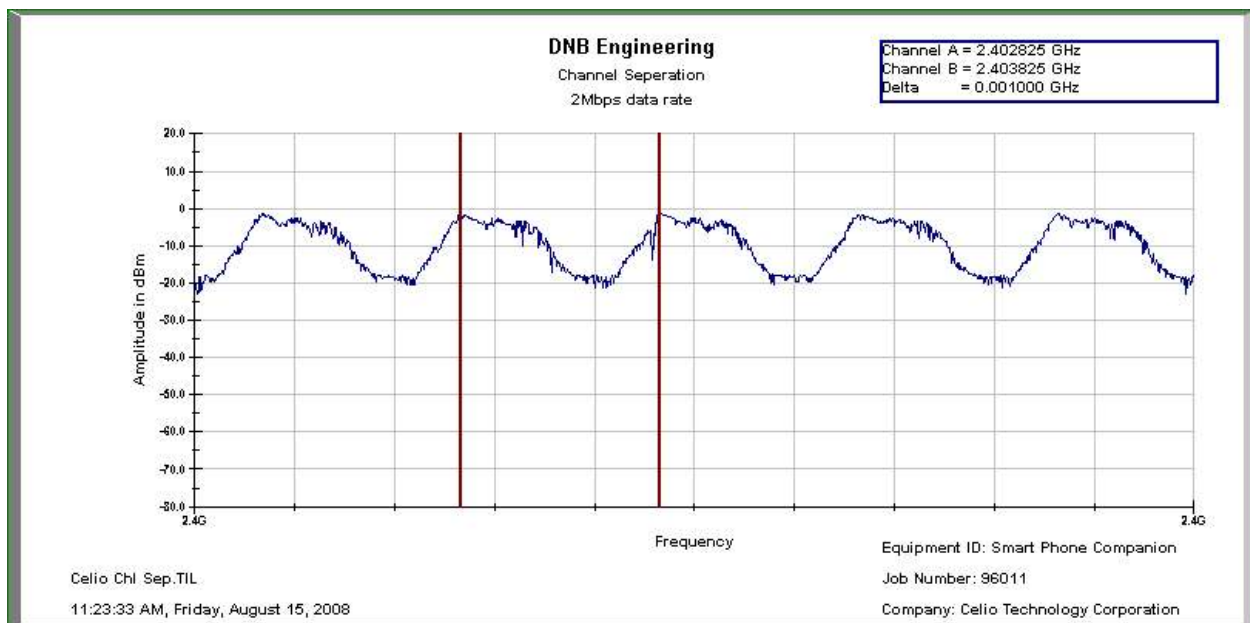
Trace = max hold

Allow the trace to stabilize. Use the marker-delta function to determine the separation between the peaks of the adjacent channels. The limit is specified in one of the subparagraphs of this Section. Submit this plot.

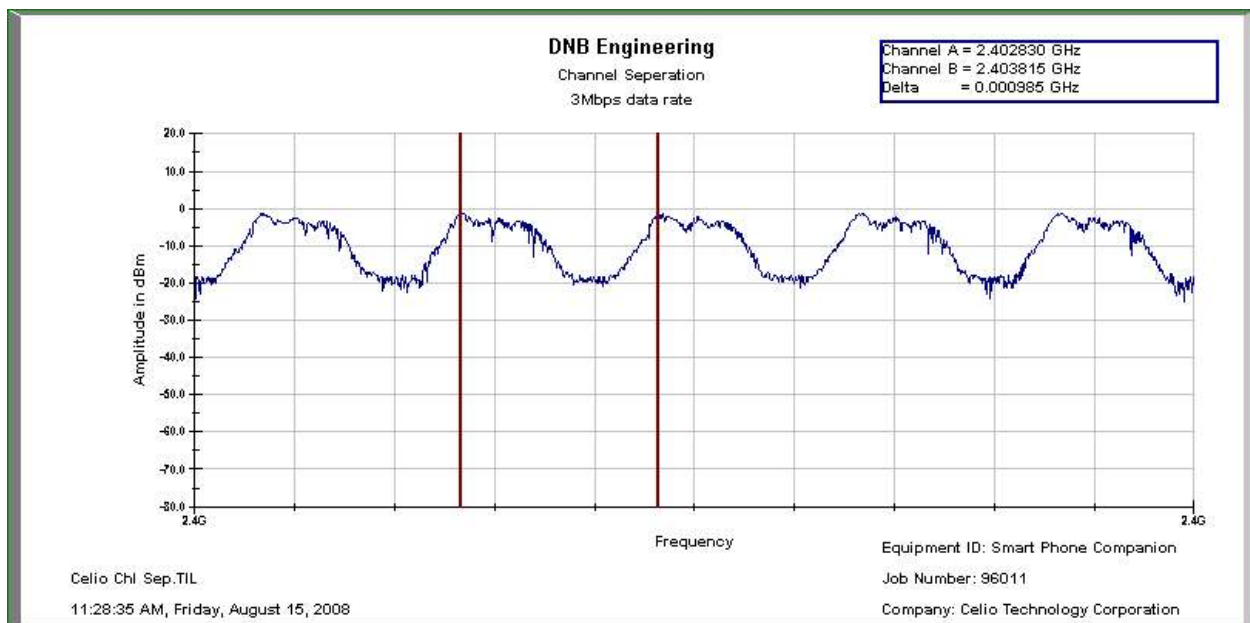
|  |                   |  |  |                            |  |  |
|--|-------------------|--|--|----------------------------|--|--|
|                       |                   | 1100 E Chalk Creek Road<br>Coalville, UT 84017<br>(435) 336-4433<br>FAX (435) 336-4436 |  | <b>Channel Separation</b>  |  |  |
| DNB Job Number:  |                   | 96011  |  | Date: 15 Aug 2008          |  | <b>Conformance Standard</b><br><br>FCC Part 15 |
| Customer:  |                   | Celio Technology Corporation   |  |                            |  |  |
| Model Number:  |                   | REDFLY C8-N (Inclusive of REDFLY C7)   |  |                            |  |  |
| Description:   |                   | Smart Phone Companion  |  |                            |  | <b>Clause</b><br>15.247(a,1,iii)               |
|  |                   | 1Mbps data rate (Basic data rate)  |  |                            |  |  |
| Environmental Conditions   |                   |  |  |                            |  |  |
| Ambient Temperature  |                   | Relative Humidity  |  | Barometric Pressure        |  |  |
| 19 °C  |                   | 28 %   |  | 101.8 kPa                  |  |  |
| EUT performed within the requirements of the applicable standard    [X] Yes    [ ] No <i>Les Payne</i> |                   |  |  |                            |  |  |
| Hopping Channel 1  | Hopping Channel 2 | Delta  |  | Limit<br>(2/3 the 20dB BW) |  | Pass/Fail                                      |
| 2.402845 GHz   | 2.403840 GHz      | 995 kHz  |  | 458 kHz                    |  | Pass   |




|  |                   |  |                            |                           |  |
|--|-------------------|--|----------------------------|---------------------------|--|
|                       |                   | 1100 E Chalk Creek Road<br>Coalville, UT 84017<br>(435) 336-4433<br>FAX (435) 336-4436 |                            | <b>Channel Separation</b> |  |
| DNB Job Number:  |                   | 96011  |                            | Date: 15 Aug 2008         |  |
| Customer:  |                   | Celio Technology Corporation   |                            |                           |  |
| Model Number:  |                   | REDFLY C8-N (Inclusive of REDFLY C7)   |                            |                           |  |
| Description:   |                   | Smart Phone Companion  |                            |                           |  |
|  |                   | 2Mbps data rate  |                            |                           |  |
| Environmental Conditions   |                   |  |                            |                           |  |
| Ambient Temperature  |                   | Relative Humidity  |                            | Barometric Pressure       |  |
| 19 °C  |                   | 28 %   |                            | 101.8 kPa                 |  |
| EUT performed within the requirements of the applicable standard    [X] Yes    [ ] No <i>Les Payne</i> |                   |  |                            |                           |  |
| Hopping Channel 1  | Hopping Channel 2 | Delta  | Limit<br>(2/3 the 20dB BW) | Pass/Fail                 |  |
| 2.402825 GHz   | 2.403825 GHz      | 1000 kHz   | 766 kHz                    | Pass                      |  |



|  |                   |  |  |                            |  |  |
|--|-------------------|--|--|----------------------------|--|--|
|                       |                   | 1100 E Chalk Creek Road<br>Coalville, UT 84017<br>(435) 336-4433<br>FAX (435) 336-4436 |  | <b>Channel Separation</b>  |  |  |
| DNB Job Number:  |                   | 96011  |  | Date: 15 Aug 2008          |  | <b>Conformance Standard</b><br><br>FCC Part 15 |
| Customer:  |                   | Celio Technology Corporation   |  |                            |  |  |
| Model Number:  |                   | REDFLY C8-N (Inclusive of REDFLY C7)   |  |                            |  |  |
| Description:   |                   | Smart Phone Companion  |  |                            |  | <b>Clause</b><br>15.247(a,1,iii)               |
|  |                   | 3Mbps data rate  |  |                            |  |  |
| Environmental Conditions   |                   |  |  |                            |  |  |
| Ambient Temperature  |                   | Relative Humidity  |  | Barometric Pressure        |  |  |
| 19 °C  |                   | 28 %   |  | 101.8 kPa                  |  |  |
| EUT performed within the requirements of the applicable standard    [X] Yes    [ ] No <i>Les Payne</i> |                   |  |  |                            |  |  |
| Hopping Channel 1  | Hopping Channel 2 | Delta  |  | Limit<br>(2/3 the 20dB BW) |  | Pass/Fail                                      |
| 2.402830 GHz   | 2.403815 GHz      | 985 kHz  |  | 767 kHz                    |  | Pass   |





|   |  |  |  |                         |  |
|---|--|--|--|-------------------------|--|
|    |  | 1100 E Chalk Creek Road<br>Coalville, UT 84017<br>(435) 336-4433<br>FAX (435) 336-4436 |  | <b>Hopping Channels</b> |  |
| DNB Job Number:   |  | 96011  |  | Date: 15 Aug 2008       |  |
| Customer:   |  | Celio Technology Corporation   |  |                         |  |
| Model Number:   |  | REDFLY C8-N (Inclusive of REDFLY C7)   |  |                         |  |
| Description:  |  | Smart Phone Companion  |  |                         |  |
|   |  | Test Procedure   |  |                         |  |
| Environmental Conditions  |  |  |  |                         |  |
| Ambient Temperature   |  | Relative Humidity  |  | Barometric Pressure     |  |
| 19 °C   |  | 28 %   |  | 101.8 kPa               |  |
| EUT performed within the requirements of the applicable standard <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>Les Payne</i> |  |  |  |                         |  |

### Number of Hopping Frequencies

The EUT must have its hopping function enabled. Use the following spectrum analyzer settings:

Span = the frequency band of operation

RBW = 1% of the span


VBW = RBW

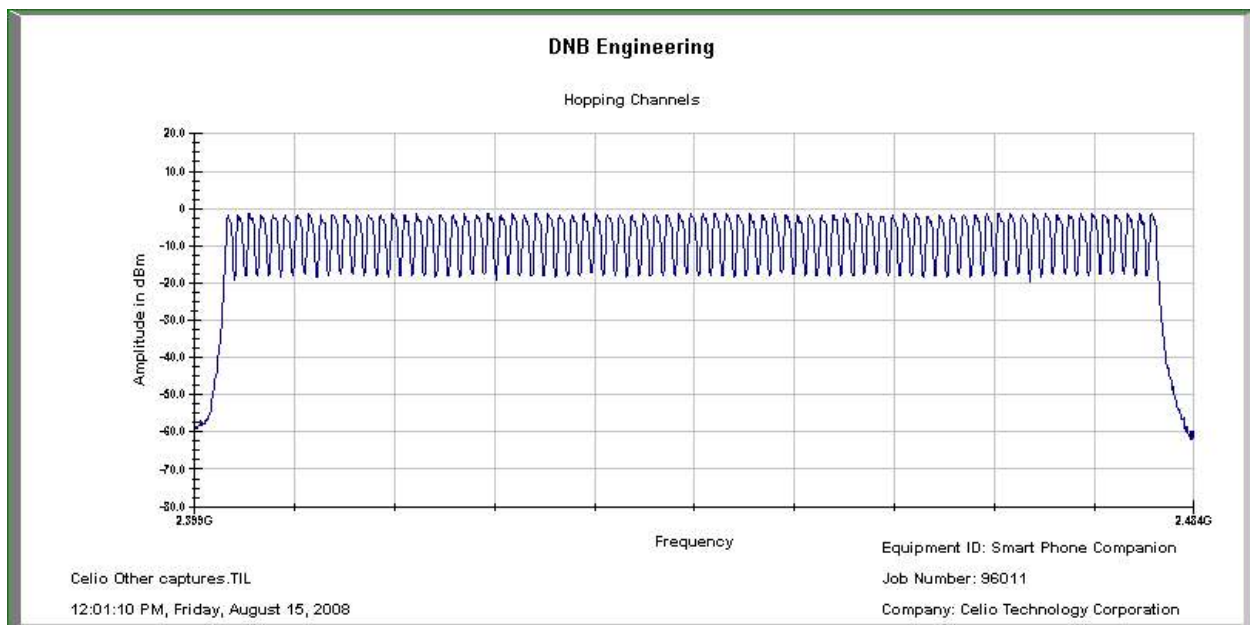
Sweep = auto


Detector function = peak

Trace = max hold

Allow the trace to stabilize. It may prove necessary to break the span up to sections, in order to clearly show all of the hopping frequencies. The limit is specified in one of the subparagraphs of this Section. Submit this plot(s).

|   |                |  |           |                         |  |
|---|----------------|--|-----------|-------------------------|--|
|    |                | 1100 E Chalk Creek Road<br>Coalville, UT 84017<br>(435) 336-4433<br>FAX (435) 336-4436 |           | <b>Hopping Channels</b> |  |
| DNB Job Number:   |                | 96011  |           | Date: 15 Aug 2008       |  |
| Customer:   |                | Celio Technology Corporation   |           |                         |  |
| Model Number:   |                | REDFLY C8-N (Inclusive of REDFLY C7)   |           |                         |  |
| Description:  |                | Smart Phone Companion  |           |                         |  |
|   |                |  |           |                         |  |
| Environmental Conditions  |                |  |           |                         |  |
| Ambient Temperature   |                | Relative Humidity  |           | Barometric Pressure     |  |
| 19 °C   |                | 28 %   |           | 101.8 kPa               |  |
| EUT performed within the requirements of the applicable standard <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>Les Payne</i> |                |  |           |                         |  |
| Center Frequency  | Frequency Span | Hopping Channels   | Min Limit | Pass/Fail               |  |
| 2441.700 MHz  | 85 MHz         | 79   | 15        | Pass                    |  |



|   |  |  |  |                                 |  |
|---|--|--|--|---------------------------------|--|
|    |  | 1100 E Chalk Creek Road<br>Coalville, UT 84017<br>(435) 336-4433<br>FAX (435) 336-4436 |  | <b>Max Time on Channel Freq</b> |  |
| DNB Job Number:   |  | 96011  |  | Date: 15 Aug 2008               |  |
| Customer:   |  | Celio Technology Corporation   |  |                                 |  |
| Model Number:   |  | REDFLY C8-N (Inclusive of REDFLY C7)   |  |                                 |  |
| Description:  |  | Smart Phone Companion  |  |                                 |  |
|   |  | Test Procedure   |  |                                 |  |
| Environmental Conditions  |  |  |  |                                 |  |
| Ambient Temperature   |  | Relative Humidity  |  | Barometric Pressure             |  |
| 19 °C   |  | 28 %   |  | 101.8 kPa                       |  |
| EUT performed within the requirements of the applicable standard <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>Les Payne</i> |  |  |  |                                 |  |

### Time of Occupancy (Dwell Time)

The EUT must have its hopping function enabled. Use the following spectrum analyzer settings:

Span = zero span, centered on a hopping channel

RBW = 1 MHz

VBW RBW


Sweep = as necessary to capture the entire dwell time per hopping channel

Detector function = peak

Trace = max hold

Trigger = video (positive trace)

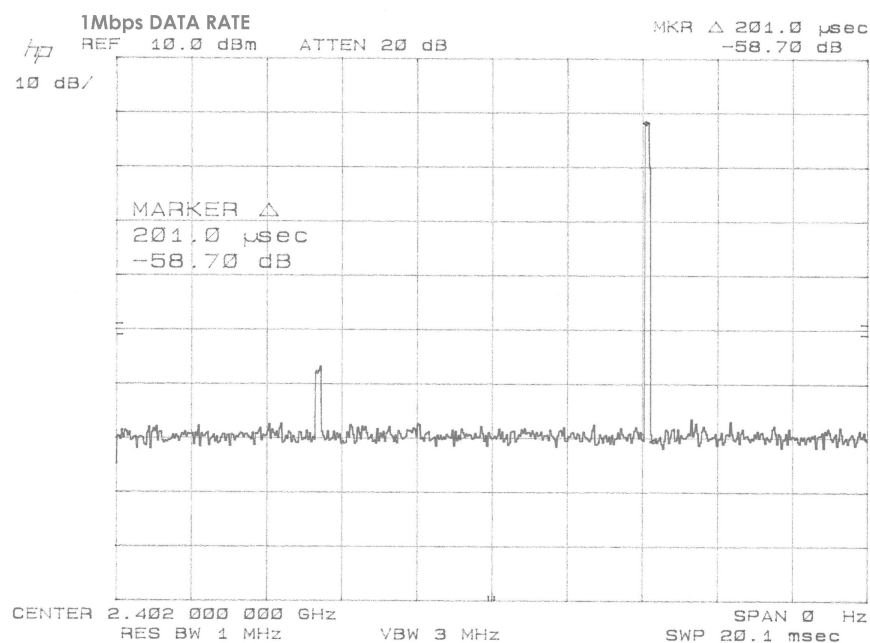
If possible, use the marker-delta function to determine the dwell time. If this value varies with different modes of operation (e.g., data rate, modulation format, etc.), repeat this test for each variation. The limit is specified in one of the subparagraphs of this Section. Submit this plot(s). An oscilloscope may be used instead of a spectrum analyzer.


|   |  |                    |                                 |                                  |           |
|---|--|--------------------|---------------------------------|----------------------------------|-----------|
|    | 1100 E Chalk Creek Road<br>Coalville, UT 84017<br>(435) 336-4433<br>FAX (435) 336-4436 |                    | <b>Max Time on Channel Freq</b> |                                  |           |
| DNB Job Number:   | 96011  | Date:              | 15 Aug 2008                     | <b>Conformance Standard</b>      |           |
| Customer:   | Celio Technology Corporation   |                    |                                 |                                  |           |
| Model Number:   | REDFLY C8-N (Inclusive of REDFLY C7)   |                    |                                 | FCC Part 15                      |           |
| Description:  | Smart Phone Companion  |                    |                                 | <b>Clause</b><br>15.247(a,1,iii) |           |
|   | 1Mbps data rate (Basic data rate)  |                    |                                 |                                  |           |
| Environmental Conditions  |  |                    |                                 |                                  |           |
| Ambient Temperature   |  | Relative Humidity  |                                 | Barometric Pressure              |           |
| 19 °C   |  | 28 %               |                                 | 101.8 kPa                        |           |
| EUT performed within the requirements of the applicable standard <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>Les Payne</i> |  |                    |                                 |                                  |           |
| Center Freq Chl   | Pulse Duration   | Time to Next Pulse | Calculated on time              | Allowed On Time                  | Pass/Fail |
| 2402MHz   | 0.000201 Sec   | 36.4 mSec          | 0.1745 sec                      | 0.4sec in 31.6sec window         | Pass      |

Single channel on time = 0.000201 sec = 0.201msec = 201usec

Calculated on time = 31600msec / 36.4msec \* 0.201msec = 174.5msec = 0.1745 seconds

Limit is based upon 0.4seconds times number of hopping channels = 0.4 \* 79 = 31.6sec

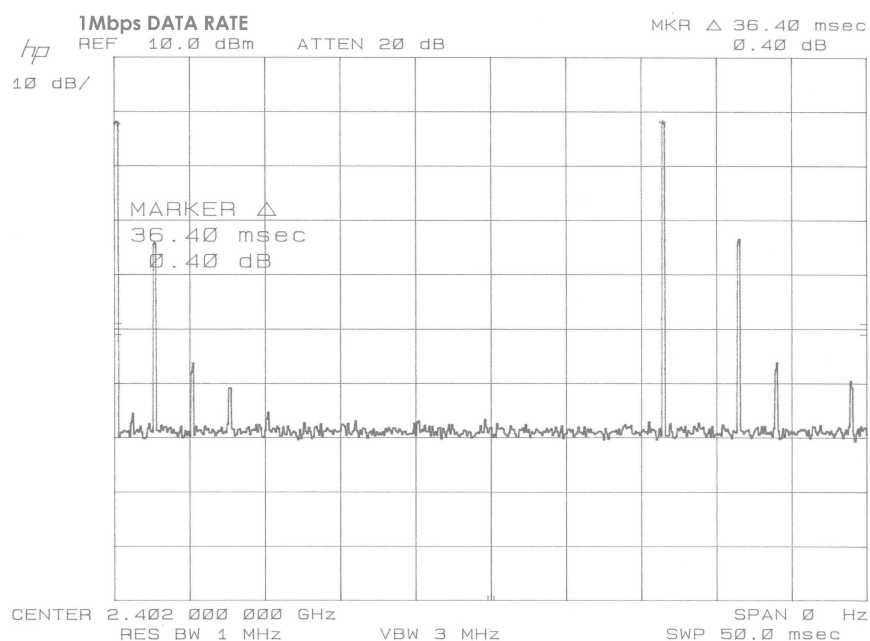



|   |  |                    |                                 |                                  |           |
|---|--|--------------------|---------------------------------|----------------------------------|-----------|
|    | 1100 E Chalk Creek Road<br>Coalville, UT 84017<br>(435) 336-4433<br>FAX (435) 336-4436 |                    | <b>Max Time on Channel Freq</b> |                                  |           |
| DNB Job Number:   | 96011  | Date:              | 15 Aug 2008                     | <b>Conformance Standard</b>      |           |
| Customer:   | Celio Technology Corporation   |                    |                                 |                                  |           |
| Model Number:   | REDFLY C8-N (Inclusive of REDFLY C7)   |                    |                                 | FCC Part 15                      |           |
| Description:  | Smart Phone Companion  |                    |                                 | <b>Clause</b><br>15.247(a,1,iii) |           |
|   | 1Mbps data rate (Basic data rate)  |                    |                                 |                                  |           |
| Environmental Conditions  |  |                    |                                 |                                  |           |
| Ambient Temperature   |  | Relative Humidity  |                                 | Barometric Pressure              |           |
| 19 °C   |  | 28 %               |                                 | 101.8 kPa                        |           |
| EUT performed within the requirements of the applicable standard <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>Les Payne</i> |  |                    |                                 |                                  |           |
| Center Freq Chl   | Pulse Duration   | Time to Next Pulse | Calculated on time              | Allowed On Time                  | Pass/Fail |
| 2402MHz   | 0.000201 Sec   | 36.4 mSec          | 0.1745 sec                      | 0.4sec in 31.6sec window         | Pass      |

Single channel on time = 0.000201 sec = 0.201msec = 201usec

Calculated on time = 31600msec / 36.4msec \* 0.201msec = 174.5msec = 0.1745 seconds

Limit is based upon 0.4seconds times number of hopping channels = 0.4 \* 79 = 31.6sec

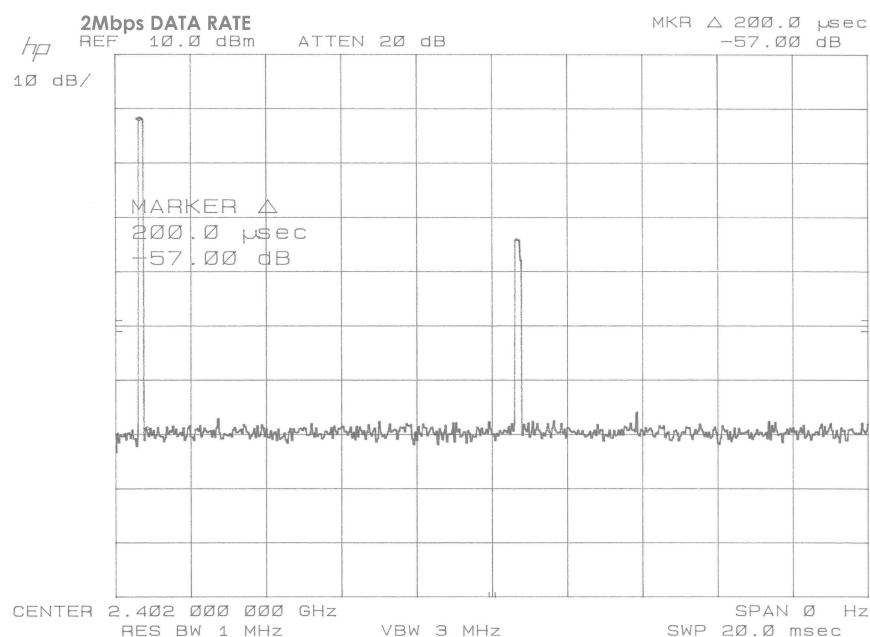



|  |                |  |                    |                                 |             |  |
|--|----------------|--|--------------------|---------------------------------|-------------|--|
|                       |                | 1100 E Chalk Creek Road<br>Coalville, UT 84017<br>(435) 336-4433<br>FAX (435) 336-4436 |                    | <b>Max Time on Channel Freq</b> |             |  |
| DNB Job Number:  |                | 96011  |                    | Date:                           | 15 Aug 2008 | <b>Conformance Standard</b><br><br>FCC Part 15 |
| Customer:  |                | Celio Technology Corporation   |                    |                                 |             |  |
| Model Number:  |                | REDFLY C8-N (Inclusive of REDFLY C7)   |                    |                                 |             |  |
| Description:   |                | Smart Phone Companion  |                    |                                 |             | <b>Clause</b><br>15.247(a,1,iii)               |
|  |                | 2Mbps data rate  |                    |                                 |             |  |
| Environmental Conditions   |                |  |                    |                                 |             |  |
| Ambient Temperature  |                | Relative Humidity  |                    | Barometric Pressure             |             |  |
| 19 °C  |                | 28 %   |                    | 101.8 kPa                       |             |  |
| EUT performed within the requirements of the applicable standard    [X] Yes    [ ] No <i>Les Payne</i> |                |  |                    |                                 |             |  |
| Center Freq Chl  | Pulse Duration | Time to Next Pulse   | Calculated on time | Allowed On Time                 | Pass/Fail   |  |
| 2402MHz  | 0.0002 Sec     | 38.95 mSec   | 0.1623 sec         | 0.4sec in 31.6sec window        | Pass        |  |

Single channel on time = 0.0002 sec = 0.2msec = 200usec

Calculated on time = 31600msec / 38.95msec \* 0.2msec = 162.3msec = 0.1623 seconds

Limit is based upon 0.4seconds times number of hopping channels = 0.4 \* 79 = 31.6sec



|   |  |                    |                                 |  |           |
|---|--|--------------------|---------------------------------|--|-----------|
|    | 1100 E Chalk Creek Road<br>Coalville, UT 84017<br>(435) 336-4433<br>FAX (435) 336-4436 |                    | <b>Max Time on Channel Freq</b> |  |           |
| DNB Job Number:   | 96011  | Date:              | 15 Aug 2008                     | <b>Conformance Standard</b><br><br>FCC Part 15 |           |
| Customer:   | Celio Technology Corporation   |                    |                                 |  |           |
| Model Number:   | REDFLY C8-N (Inclusive of REDFLY C7)   |                    |                                 |  |           |
| Description:  | Smart Phone Companion  |                    |                                 | <b>Clause</b><br>15.247(a,1,iii)               |           |
|   | 2Mbps data rate  |                    |                                 |  |           |
| Environmental Conditions  |  |                    |                                 |  |           |
| Ambient Temperature   |  | Relative Humidity  |                                 | Barometric Pressure                            |           |
| 19 °C   |  | 28 %               |                                 | 101.8 kPa                                      |           |
| EUT performed within the requirements of the applicable standard <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>Les Payne</i> |  |                    |                                 |  |           |
| Center Freq Chl   | Pulse Duration   | Time to Next Pulse | Calculated on time              | Allowed On Time                                | Pass/Fail |
| 2402MHz   | 0.0002 Sec   | 38.95 mSec         | 0.162.3 sec                     | 0.4sec in 31.6sec window                       | Pass      |

Single channel on time = 0.0002 sec = 0.2msec = 200usec

Calculated on time = 31600msec / 38.95msec \* 0.2msec = 162.3msec = 0.1623 seconds

Limit is based upon 0.4seconds times number of hopping channels = 0.4 \* 79 = 31.6sec

