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TEST REPORT #: 316171
LSR Job #: C-2476

Compliance Testing of:
myCadian Watch

Prepared For:
CurAegis Technologies, Inc.
Attn: Matt Kenyon
1999 Mt. Read Blvd. Bldg. 3
Rochester, New York 14615

This Test Report is issued under the Authority of:
John Johnston, EMC Engineer

Signature:  Date: 8/25/16

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EXHIBIT 1 INTRODUCTION

1.1 Client Information

Manufacturer Name:	CurAegis Technologies, Inc.
Address:	CurAegis Technologies, Inc. 1999 Mt. Read Blvd. Bldg. 3 Rochester, New York 14615
Contact Name:	Matt Kenyon

1.2 Equipment Under Test (EUT) Information

Product Name:	myCadian Watch
Model Number:	MA0001-02
Serial Number:	B001/B003

1.3 Product Description

The myCadian Watch is a wearable device consisting of physiological monitoring hardware. The myCadian Watch measures multiple metrics. The EUT also includes a battery cartridge and a 1 meter long, product specific, USB cable.

EXHIBIT 2 SAR Minimum Separation Distance

2.1 BLE Transmitter

The EUT was evaluated against the SAR test exclusion threshold listed in FCC KDB 447498 D01 General RF Exposure Guidance v06 Section 4.3 (1).

Channel Frequency (MHz)	Max Peak Conducted Output Power (dBm)
2402	-13.54
2441	-14.14
2480	-13.97

Frequency = 2.402 GHz
Output Power = -13.54 dBm
Tune-up Tolerance = 1 dB
P_{out} including tune-up tolerance = -12.54 dBm = 0.0557 mW

2.1.1 1-g Head/Body Minimum Separation Distance

d (Separation Distance) ≤ 5 mm; use 5 mm in calculation per KDB 447498

(1 mW / 5 mm) * √(2.402 GHz) = 0.3 < 3

The EUT meets the power requirement and thus, SAR testing is exempt.

2.1.2 10-g Extremity Minimum Separation Distance

d (Separation Distance) ≤ 5 mm; use 5 mm in calculation per KDB 447498

(1 mW / 5 mm) * √(2.402 GHz) = 0.3 < 7

The EUT meets the power requirement and thus, SAR testing is exempt.

EXHIBIT 3 RSS 102 Compliance

Frequency (MHz)	Exemption Limits (mW)				
	At separation distance of ≤5 mm	At separation distance of 10 mm	At separation distance of 15 mm	At separation distance of 20 mm	At separation distance of 25 mm
≤300	71 mW	101 mW	132 mW	162 mW	193 mW
450	52 mW	70 mW	88 mW	106 mW	123 mW
835	17 mW	30 mW	42 mW	55 mW	67 mW
1900	7 mW	10 mW	18 mW	34 mW	60 mW
2450	4 mW	7 mW	15 mW	30 mW	52 mW
3500	2 mW	6 mW	16 mW	32 mW	55 mW
5800	1 mW	6 mW	15 mW	27 mW	41 mW

Frequency (MHz)	Exemption Limits (mW)				
	At separation distance of 30 mm	At separation distance of 35 mm	At separation distance of 40 mm	At separation distance of 45 mm	At separation distance of ≥50 mm
≤300	223 mW	254 mW	284 mW	315 mW	345 mW
450	141 mW	159 mW	177 mW	195 mW	213 mW
835	80 mW	92 mW	105 mW	117 mW	130 mW
1900	99 mW	153 mW	225 mW	316 mW	431 mW
2450	83 mW	123 mW	173 mW	235 mW	309 mW
3500	86 mW	124 mW	170 mW	225 mW	290 mW
5800	56 mW	71 mW	85 mW	97 mW	106 mW

Note: Table 1 from RSS 102. The exemption limits represented in this table apply to 1-gram tissue, head and body, evaluation (uncontrolled). For limb-worn devices where the 10 gram value applies, the exemption limits for routine evaluation in the table are multiplied by a factor of 2.5

3.1 BLE Transmitter

Frequency = 2.402 GHz
Output Power = -13.54 dBm
Antenna Gain = 2.62 dBi
Tune-up Tolerance = 1 dB
EIRP = -9.92 dBm = 0.102 mW

3.1.1 1-g SAR Exemption:

Interpolating between 1900 MHz and 2450 MHz for 2402 MHz at a separation distance of **5 mm** yields the exemption limit of 4.3 mW.

When evaluated against RSS 102 issue 5 section 2.5, table 1:

0.102 mW $\leq$ 4.3 mW

SAR Evaluation Not Necessary

3.1.2 10-g Extremity SAR Exemption:

Interpolating between 1900 MHz and 240 MHz for 2402 MHz at a separation distance of **5 mm** yields the exemption limit of 10.7 mW

When evaluated against RSS 102 issue 5 section 2.5, table 1:

0.102 mW $\leq$ 10.7 mW

SAR Evaluation Not Necessary