



# H.B. Compliance Solutions

## RF Exposure

For the

**OrthoSensor, Inc.**

**VERASENSE Mako Restoris PKA**

January 08, 2014

**Prepared for:**

OrthoSensor, Inc.

1855 Griffin Road, Suite A-310

Dania Beach, FL 33004

**Prepared By:**

H.B. Compliance Solutions

5005 S. Ash Avenue, Suite # A-10

Tempe, Arizona 85282

**Reviewed By:**

A handwritten signature in black ink, appearing to read 'Hoosamuddin Bandukwala'.

Hoosamuddin Bandukwala



Cert # ATL-0062-E

## Standalone SAR Test Exclusion Consideration

According to KDB447498D01 General RF Exposure Guidance v05 4.2.4 (Transmitters implanted in the body of a user) When the aggregate of the maximum power available at the antenna port and radiating structures of an implanted transmitter, under all operating circumstances, is  $\leq 1.0\text{mW}$ , SAR test exclusion may be applied. The maximum available output power requirement and worst case operating conditions must be supported by power measurements results and fully justified in a SAR analysis report, in lieu of the SAR measurement or numerical simulation according to design and implementation requirements of the device.

Maximum peak output power at antenna input terminal = 1.23 (dBm)

Maximum peak output power at antenna input terminal = 1.33 (mW)

Antenna gain (typical) = 1.9(dBi)

Prediction frequency = 404.34 (MHz) or 0.4 (GHZ)

To solve for the EIRP ;

$[(\text{max. power of channel, including tune-up tolerance, mW})/(\text{min. test separation distance, mm})] \cdot [\sqrt{f}(\text{GHz})]$

General RF Exposure =  $(3.23 / 5 \text{ mm}) \times \sqrt{0.4\text{GHz}} = 0.408$  ①

SAR requirement:

$S = 3.0$  ② ;

① < ②.

Therefore SAR report is not required.

**END OF TEST REPORT**



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**RF Exposure Statement**

Date: 01/07/2014

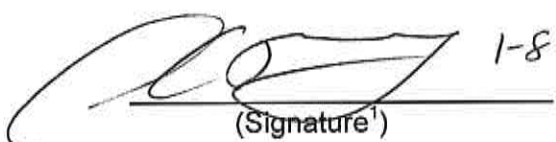
American Certification Body, Inc.  
6731 Whittier Avenue  
Suite C110  
McLean, VA 22101

Regarding: RF Exposure  
FCC ID: XNL-ORTHOSNSR6

To Whom It May Concern:

Based upon output power, the implantable devise qualifies for SAR exclusion per Section 4.2.4 of KDB publication 447498.

Thank you,

By:  1-8-2014  
(Signature<sup>1</sup>) Juan Fernandez  
(Print name)

Title: EVP of Operations and Corporate Compliance Officer

On behalf of: OrthoSensor, INC

Telephone: 954-577-7770

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