



H.B. Compliance Solutions

RF Exposure

For the

OrthoSensor, Inc.

VERASENSE

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Prepared for:

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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 = -4.86 (dBm)

Maximum peak output power at antenna input terminal = 0.32 (mW)

Antenna gain (typical) = 0(dBi)

Prediction frequency = 404.35 (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 = $(0.32 / 5 \text{ mm}) \times \sqrt{0.4\text{GHz}} = 0.696$ ①

SAR requirement:

S= 3.0 ② ;

① < ②.

Therefore SAR report is not required.

END OF TEST REPORT