






RF Exposure Assessment

Product	ultraBeacon Single-Zone		
Name and address of the applicant	Sonitor Technologies AS Drammensveien 288 0283 Oslo, Norway		
Name and address of the manufacturer	Sonitor Technologies AS Drammensveien 288 0283 Oslo, Norway		
Model	INF-C361 / INF-C371		
Rating	BLE: 2402-2480MHz Snobee: 2405-2480MHz		
Trademark	Sonitor		
Additional information	Bluetooth Low Energy, Snobee low energy		
Evaluated according to	FCC Part 1.1307(b) RF Exposure Assessment FCC KDB 447498 D04 v01 Interim General RF Exposure Guidance		
Order number	PRJ0036884		
Issue date	2024-07-29		
Name and address of the testing laboratory	 Nemko Scandinavia AS Instituttveien 6 2007 Kjeller, Norway www.nemko.com	CAB Number: FCC: NO0001 ISED: NO0470 ISED No: 2040D-1	 
An accredited technical test executed under the Norwegian accreditation scheme			
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Revision history

Revision	Date	Comment	Sign
A	2024-05-23	First Edition	JGER
B	2024-07-29	Editorials due to new measurements	JGER

GENERAL REMARKS

This report applies only to the sample(s) tested. It is the manufacturer's responsibility to ensure the additional production units of this product are manufactured with identical electrical and mechanical components. The manufacturer is solely responsible for any modifications to the product that could result in non-compliance with the relevant regulations.

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1 Exposure Evaluation

1.1 EUT Technical Information

Name	ultraBeacon Single-Zone
FCC ID	2AD7T21123102501
Model/version	INF-C361 / INF-C371
Hardware identity and/or version	/
Software identity and/or version	/
Frequency Range	BLE: 2402-2480 MHz SnoBee: 2405-2480 MHz
Type of Power Supply	6V DC input and/or batteries 6V DC
Type of Fixed Device	ultraBeacon Single-Zone transceiver utilizing BLE and SnoBee
Output Power incl. Tune-Up Tolerance	BLE1 : 5.9 mW conducted power (at low channel) BLE2 : 5.9 mW conducted power (at low channel) SnoBee : 5.9 mW conducted power (at low channel)
Reference to RF Test Report	Nemko test report: REP035305

Note: it should be noted that all three modulation schemes (BLE1&2 and SnoBee) are contained within the same transceiver.

1.2 Evaluation Summary

The EUT has been evaluated and found to be exempt from SAR Evaluation according to the Exemption Criteria in FCC §1.1307(b)(3(i)(A) and KDB 447498 D04 v01 Clause 2.1.2, since the Output Power is below the Threshold value calculated at a distance of 20cm.

Determination of Exemption for Single RF Sources	BLE 1	BLE2	SnoBee	
Conducted Power including Tune Up Tolerance (Tune Up tolerance 12%)	5.9	5.9	5.9	mW
Separation Distance	20	20	20	cm
Frequency (valid for 100 MHz to 6 GHz)	2.402	2.402	2.405	GHz
Exclusion Threshold for Device @2.40 GHz and 20 cm	3060	3060	3060	mW
CONCLUSION	EXEMPTED (all three modulation schemes)			