

# RF Exposure Evaluation Report

Product Name : Wireless USB Dongle

Model No. : END988W

FCC ID : BCE-END988W

Applicant : GN Audio A/S

Address : Lautrupbjerg 7, DK-2750 Ballerup, Denmark.

Date of Receipt : Nov. 28, 2017

Date of Declaration : Jan. 03, 2018

Report No. : 17B0489R-SAUSP03V00

The test results relate only to the samples tested.

The test results shown in the test report are traceable to the national/international standard through the calibration report of the equipment and evaluated measurement uncertainty herein.

This report must not be used to claim product endorsement by TAF or any agency of the government.

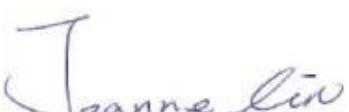
The test report shall not be reproduced without the written approval of DEKRA Testing and Certification Co., Ltd.

Issued Date: Jan. 03, 2018  
Report No.: 17B0489R-SAUSP03V00

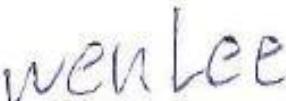


Product Name	Wireless USB Dongle
Applicant	GN Audio A/S
Address	Lautrupbjerg 7,DK-2750 Ballerup,Denmark.
Manufacturer	GN Audio A/S
Model No.	END988W
FCC ID.	BCE-END988W
EUT Rated Voltage	DC 5V
EUT Test Voltage	DC 5V
Trade Name	ALIENWARE
Applicable Standard	FCC 47 CFR 1.1307
Test Result	Complied

Documented By :

  
( Senior Adm. Specialist / Joanne Lin )

Tested By :

  
( Engineer / Wen Lee )

Approved By :

  
( Director / Vincent Lin )

## 1. GENERAL INFORMATION

### 1.1. EUT Description

Product Name	Wireless USB Dongle
Trade Name	ALIENWARE
Model No.	END988W
FCC ID.	BCE-END988W
Frequency Range	2403.35-2477.35MHz
Channel Number	38CH
Type of Modulation	$\pi/4$ DQPSK
Antenna Type	IFA Antenna
Antenna Gain	-2.81dBi

## 2. RF Exposure Evaluation

### 2.1. Standard Applicable

According to 1.1307 (b)(1), systems operating under the provisions of this section shall be operated in a manner that ensure that the public is not exposed to radio frequency energy level in excess of the Commission's guideline.

### 2.2. Measurement Result:

According to KDB Publication 447498 D01, section 4.3.1, per the calculations of item 1 (Power(mW)/separation (mm)\*sqrt(f(GHz)) $\leq$ 3.0), SAR is required as shown in the table below where calculated values are greater than 3.0 :

1.) Operation frequency = 2450MHz and antenna separation distance = 5mm,  
 SAR Test Exclusion Threshold = 10mW

Frequency Band	Maximum output power		SAR Test Exclusion Threshold (mW)	Calculated Threshold Value ( $\leq$ 3.0 SAR is not required)
	(dBm)	(mW)		
2441.35MHz	4.04	2.54	10	0.8

The SAR/MPE measurement is not necessary.