

RF Exposure Evaluation Report

Product Name : Bluetooth Headset

Model No. : OTE120L (left earbud),
OTE120R (right earbud),
CPB120 (charging case)

FCC ID : BCE-OTE120

Applicant : GN Audio A/S

Address : Lautrupbjerg 7, 2750 Ballerup, Denmark

Date of Receipt : Sep. 09, 2019

Date of Declaration : Sep. 30, 2019

Report No. : 1990125R-SAUSP03V00

Report Version : V1.0

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.

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Issued Date: Sep. 30, 2019

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Product Name	Bluetooth Headset
Applicant	GN Audio A/S
Address	Lautrupbjerg 7, 2750 Ballerup, Denmark
Manufacturer	GN Audio A/S
Model No.	OTE120L (left earbud), OTE120R (right earbud), CPB120 (charging case)
FCC ID.	BCE-OTE120
Trade Name	Jabra
Applicable Standard	FCC 47 CFR 1.1307 KDB 447498 D01 v06
Test Result	Complied

Documented By :



(Adm. Specialist / Elephant Chen)

Tested By :



(Senior Engineer / Wen Lee)

Approved By :



(Director / Vincent Lin)

1. GENERAL INFORMATION

1.1. EUT Description

Product Name	Bluetooth Headset
Trade Name	Jabra
Model No.	OTE120L (left earbud), OTE120R (right earbud), CPB120 (charging case)
FCC ID.	BCE-OTE120
Frequency Range	BT : 2402 – 2480MHz
Channel Number	BT : 79, BLE : 40
Type of Modulation	FHSS: GFSK(1Mbps) / π / 4DQPSK(2Mbps) / 8DPSK(3Mbps)
Antenna Type	PCB Antenna
Antenna Gain	Refer to the table “Antenna List”

Antenna List

No.	Manufacturer	Part No.	Antenna Type	Peak Gain
1	Jabra	OTE120L/OTE120R	PCB Antenna	-5.83dBi for 2.4GHz

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 ($\text{Power(mW)}/\text{separation (mm)} \times \sqrt{f(\text{GHz})} \leq 3.0$), 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 (MHz)	Maximum AV Target power		SAR Test Exclusion Threshold (mW)	Calculated Threshold Value (≤ 3.0 SAR is not required)
	(dBm)	(mW)		
2402 -2480	9.00	7.94	10	2.462

Note1: The SAR/MPE measurement is not necessary.

Note2: The maximum AV target power is refer to report No.: 1990125R-SACAP01V00 from the DEKRA.