

# Cover letter FCC

---

## Airofit Breathing Trainer

---

Date	2019-08-12
Version	1.0
Status	Draft
Author	Bjarne Månsson

Reviewed by

Approved by

---

## Table of Contents

1	Purpose and scope .....	2
1.1	ID on test report.....	2
1.2	Output power.....	2
1.3	SAR report .....	2

## 1 Purpose and scope

The document is additional comments to the FCC application.

### 1.1 ID on test report

It shall be noted that the application FCC ID is **2ATQX-AF002**.

In the test report “P19-0094-1” this is not correctly reflected due to the company late decision of the model number.

### 1.2 Output power

The max output power of the chip is 4 dBm (2.5 mW). But in our electronic application, we have preset the output power to -5 dBm (0.3 mW). This cannot be changed by the Airofit device software, nor by the Airofit app software.

The test report “P19-0094-1”, the test conditions reflect this level.

### 1.3 SAR report

A RF Exposure calculation is made on the device acc. to KDB 447498.

With the parameters of output power 0.3 mW, distance 4 mm, and upper frequency of 2.48 GHz, the equation becomes:

$$[ ( 0.3 / 4 ) * \sqrt{2.48} ] = 0.118$$

I.e., we do **not** need a SAR test.