



AT4 wireless, S.A.
Parque Tecnológico de Andalucía
C/ Severo Ochoa 2
29590 Campanillas
Málaga, España

Date: July 01, 2016

RF exposure analysis for the equipment MPOWER POD1 (FCC ID: 2AIKQ-POD1)

1. Introduction

The **MPOWER POD1** (FCC ID: **2AIKQ-POD1**) is a Bluetooth module that will be installed in a host which is intended to be a portable device.

2. SAR limits

According to § 2.1093 (d) (2) the limits for General Population/Uncontrolled exposure: 0.08 W/kg as averaged over the whole-body and peak spatial-average SAR limit is 1.6 W/kg, averaged over any 1 gram of tissue over the whole body.

3. Compliance criteria:

Transmitter is deemed to comply with FCC § 2.1093 requirements as the output power of the device meets the conditions specified in section 4.3.1 (Standalone SAR test exclusion) considerations of the document "KDB 447498 D01 General RF Exposure Guidance v06".

4. Standalone operation analysis:

Mode	Frequency (GHz)	Peak output power (dBm)	Peak output power (mW)	Evaluation distance per KDB 447498 D01 General RF Exposure Guidance v06 - 4.3.1 (mm)	[(max. power of channel, including tune-up tolerance, mW)/(min. test separation distance, mm)] · [vf(GHz)]		SAR Test Exclusion Thresholds per KDB 447498 D01 General RF Exposure Guidance v06 - 4.3.1 - 1)
BLE	2,402	5,51	3,5563	5	1,1023424	≤ 3	COMPLIANT
	2,441	5,36	3,4356	5	1,0735293	≤ 3	COMPLIANT
	2,480	5,08	3,2211	5	1,0145088	≤ 3	COMPLIANT

Sincerely,

P.A.

By: Juha Lampela
Title: CEO
Company: Fibrux Oy
Telephone: +358 40 543 0974
e-mail: juha.lampela@fibrux.com