

## RF EXPOSURE EVALUATION

### 1. PRODUCT INFORMATION

Product Description	ID Badge
Model Name	BADGE-3A1-PU-B
FCC ID	2AVRO-BADGE-3

### 2. EVALUATION METHOD AND LIMIT

The device under test (ID Badge) is a portable device.

For purposes of this section, the definitions in §1.1307(b)(2) of this chapter shall apply. A portable device is defined as a transmitting device designed to be used in other than fixed locations and to generally be used in such a way that the RF source's radiating structure(s) is/are within 20 centimeters of the body of the user.

Part 1.1307(b)(3), Determination of exemption. (i) For single RF sources (i.e., any single fixed RF source, mobile device, or portable device, as defined in paragraph (b)(2) of this section): A single RF source is exempt if:

(A) The available maximum time-averaged power is no more than 1 mW, regardless of separation distance. This exemption may not be used in conjunction with other exemption criteria other than those in paragraph (b)(3)(ii)(A) of this section. Medical implant devices may only use this exemption and that in paragraph (b)(3)(ii)(A);

### 3. CALCULATION

The device under test (ID Badge) operated in portable condition and it is closed to less than 20cm safety distance from persons.

Frequency (MHz)	Output Power (dBm)	Output Power (mW)	Limit (mW)
6489.6	-1.65	0.68391164728	1

Note: Only the worst case recorded.

Consult: maximum output power is less than 1mW, exemption is applied.