

Maximum Permissible Exposure

1. Introduction

In this document, we try to prove the safety of radiation harmfulness to the human body for our product. The limit for Maximum Permissible Exposure (MPE) specified in FCC 1.1310 is followed. and also the maximum total power input to the antenna is measured. We can calculate the distance, away from the product, where the limit of MPE is reached.

Although the Friis transmission formula is a far field assumption, the calculated result of that is an over-prediction for near field power density. We will take that as the worst case to specify the safety range.

2. Description of EUT

Equipment	Fit Quick-Adjust Resistance Remote
Applicant Name	Aviron interactive inc.
Applicant Address	65 Bartley Drive , Unit 2, North York, ON. Canada, M4A 2N7
Manufacturer Name	AIPS Technology Co., LTD.
Manufacturer Address	No. 901, Sec.2, Zhongshan Rd., Dajia Dist., Taichung City 437101, Taiwan
Model No	BQAR
FCC ID	2ASJ3-202409

3. RF Exposure Limit :

According to FCC 1. 1310: The criteria listed in the following table shall be used to evaluate the environmental impact of human exposure to radio frequency (RF) radiation as specified in 1.1310

Test Result:

Frequency (MHz)	Electric Field Strength (dBuV/m)	Max RF Power (mW)	MPE Limit (mW/cm ²)
433.92	80.06	0.0304	1

Signature : Jesse Fien