



1516 Centre Circle, Downers Grove IL 60515

RF EXPOSURE EXHIBIT			
Manufacturer Name	Etymotic Research, Inc.		
Manufacturer Address	61 Martin Lane Elk Grove Village, IL 60007		
Model No.	Fio CHarger		
Specifications	FCC "Code of Federal Regulations" Title 47 Part 1.1307(b) FCC "Code of Federal Regulations" Title 47 Part 2.1093		
Test Facility	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">Elite Electronic Engineering, Inc. 1516 Centre Circle, Downers Grove, IL 60515</td> <td style="width: 50%;">FCC Reg. Number: 269750 IC Reg. Number: 2987A CAB Identifier: US0107</td> </tr> </table>	Elite Electronic Engineering, Inc. 1516 Centre Circle, Downers Grove, IL 60515	FCC Reg. Number: 269750 IC Reg. Number: 2987A CAB Identifier: US0107
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Test Procedure	FCC KDB 447498 D01 General RF Exposure Guidance v06		
Limits	<p>The 1-g and 10-g SAR test exclusion thresholds for 100MHz to 6GHz at test separation distances ≤ 50 mm are determined by the following:</p> $\frac{[(\text{max. power of chan., inc. tune-up tol., mW}) / (\text{min. test sep. distance, mm})] \cdot \sqrt{f(\text{GHz})}}{f(\text{GHz})} = \text{RF channel transmit frequency in GHz.}$ <p>power is rounded to the nearest mW distance is rounded to the nearest mm result is rounded to 1 decimal place for comparison</p>		
<p>This is a portable device.</p> <p>Maximum peak EIRP = -2.8 dBm = .525 mW</p> <p>Exclusion Threshold: $(.525\text{mW} / 5\text{mm}) \cdot \sqrt{2.400\text{GHz}} = 0.16$</p> <p>0.16 is ≤ 3.0 for 1-g SAR and ≤ 7.5 for 10-g extremity SAR</p> <p>This device meets the SAR exclusion requirement.</p>			