



1516 Centre Circle, Downers Grove IL 60515

RF EXPOSURE EXHIBIT

Manufacturer Name	Amatis Controls LLC	
Manufacturer Address	6001 Cass Ave Detroit, MI 48202	
Model No.	Switch-B, Switch-W	
Specifications	FCC "Code of Federal Regulations" Title 47 Part 1.1307(b) FCC "Code of Federal Regulations" Title 47 Part 2.1093	
Test Facility	Elite Electronic Engineering, Inc. 1516 Centre Circle, Downers Grove, IL 60515	FCC Reg. Number: 269750 IC Reg. Number: 2987A CAB Identifier: US0107
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 \leq 50 mm are determined by the following:</p> $[(\text{max. power of chan., inc. tune-up tol., mW}) / (\text{min. test sep. distance, mm})] * [\sqrt{f(\text{GHz})}]$ <p>f(GHz) = RF channel transmit frequency in GHz.</p> <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 mobile or portable device. Maximum manufacturer supplied antenna gain is 1.5 dBi Maximum peak EIRP = 0.45mW</p> <p>Exclusion Threshold: $(0.45\text{mW} / 5\text{mm}) * \sqrt{2.480\text{GHz}} = 0.142$</p> <p>0.142 is \leq 3.0 for 1-g SAR and \leq 7.5 for 10-g extremity SAR</p> <p>This device meets the SAR exclusion requirement.</p>		