

	<p><b>CE MARKING</b>          ELECTROMAGNETIC COMPATIBILITY          ELECTRICAL SAFETY          LASER SPECTROSCOPY          ENVIRONMENTAL PHYSIC</p>	<p><b>G.S.D. S.r.l.</b>          Certified in accordance with  <b>UNI EN ISO 9001:2008</b>          by  <b>TÜV Rheinland Italia S.r.l.</b>          Certificate N. 39 00 1850509</p>
<p><b>G.S.D. S.r.l</b>  <b>PISA - Italy</b></p>	<p><b>Test Report n. 16721mpe</b></p>	<p>Rev. 01</p>
<p>Manufacturer</p>	<p>Extronics Ltd.</p>	
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<p>Test Family Name</p>		
<p>FCC ID</p>	<p><b>2AIZEEXTRFID00001</b></p>	
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	<p>FCC Listed: Registration Number: 424037</p>	
<p>Location and Date of Issue</p>	<p>Pisa, 2016 October 12</p>	
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<b>1. MAXIMUM PERMISSIBLE EXPOSURE</b>
Prediction of RF Exposure were calculated accordingly to KDB 447498 D01v06
Result
Per KDB 447498 D01 v06
<p>For 100 MHz to 6 GHz and <i>test separation distances</i> <math>\leq 50</math> mm, the 1-g and 10-g SAR test exclusion thresholds are determined by the following:</p> <p><math>[(\text{max. power of channel, including tune-up tolerance, mW}) / (\text{min. test separation distance, mm})] [\sqrt{f(\text{GHz})}] \leq 3.0</math> for 1-g SAR, and <math>\leq 7.5</math> for 10-g extremity SAR,<sup>30</sup> where</p> <ul style="list-style-type: none"> <li>• <math>f(\text{GHz})</math> is the RF channel transmit frequency in GHz</li> <li>• Power and distance are rounded to the nearest mW and mm before calculation</li> <li>• The result is rounded to one decimal place for comparison</li> <li>• The values 3.0 and 7.5 are referred to as <i>numeric thresholds</i> in step b) below</li> </ul> <p>The test exclusions are applicable only when the minimum <i>test separation distance</i> is <math>\leq 50</math> mm, and for transmission frequencies between 100 MHz and 6 GHz. When the minimum <i>test separation distance</i> is <math>&lt; 15</math> mm, a distance of 15 mm according to 4.1 f) is applied to determine SAR test exclusion.</p> <p>d (distance) = 30mm  F = 0.9 GHz  <math>\sqrt{f(\text{GHz})} = 237.5\text{mW}</math> (10-g SAR test exclusion thresholds)  P=207mW</p> <p>When the device transmits for RFID operation it shall be hold in the operator hand so the 10-g Extremity SAR Test Exclusion Power Thresholds can be applied. In addition the distance between fingers and antenna shall be greater than 30mm distance from buttons and antenna.</p> <p>The average time of occupancy of each RF channel is 165ms, so within 20s period the device transmits for 8.5s time duration (duty cycle = 41.3%). Since the maximum peak RF conducted power transmitted by RFID section of the device is 500mW, the time averaged transmitted power is 206.5mW. This value does not exceed the 10-g Extremity SAR Exclusion Threshold for 30mm separation distance (237.5mW @ 900MHz according to Appendix A of KDB 447498 D01)</p>
Conclusion: accordingly to KDB 447498 D01v06 exclusion threshold is 7.5, RF exposure evaluation is not required.