

Dated 7<sup>th</sup> August 2008

Tom Twynam  
Principal Telecommunications Engineer  
BABT TCB  
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Churchfield Road,  
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Surrey,  
KT12 2TD

Dear Mr Tom Twynam

**Re: MPE Calculation for the FCC 47 CFR Part 15 Submission of the Tempus IC Patient Monitor**

We, RDT limited of The Old Coach House, The Avenue , Farleigh Wallop, Hampshire, RG25 2HT hereby make the following declarations;

1. That the Tempus IC is in compliance with the requirements of the FCC Guidelines for Evaluating exposure to RF Emissions - 47 CFR § 1.1310; 47 CFR § 1.1307(b) & 47 CFR § 80.83.
2. That the Tempus IC is in compliance with the requirements of the Health Canada's Safety Code 6: Limits of Human Exposure to Radiofrequency Electromagnetic Fields in the Frequency Range from 3 KHz to 300 GHz.

The FCC requires that the calculated MPE be equal to or less than  $1\text{mW}/\text{cm}^2$  at a distance of 20cm from the device to the body of the User. The equation for the calculation is given by the FCC as:  $S = \text{PG}/4\pi R^2$

RF Exposure Assessment of the RDT Limited Patient Monitoring System Document 75904058 Report 03 Issue 1, July 2008 calculated power flux as:  $S = 0.051 \text{ W}/\text{m}^2$ .

**In conclusion the results met the following criteria:**

The calculations meet the General Public Exposure Levels described in the ICNIRP Guidelines.  
The calculations meet the General Public Exposure Levels described in the FCC 47CFR§1.1310.  
The calculations meet the General Public Exposure Levels described in the Canada's RF Safety Code 6.

The calculations meet the General Public Exposure Levels described in the Australian Radiation Protection Series Publication No. 3

Sincerely,



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