RF Exposure Evaluation

Applicant Name: RF Technologies Inc.
FCC ID: KXU-PNPT007
WiFi Pendant Location Tag
Equipment Class: DSS-Part 15 Spread Spectrum Transmitter

Documents:
- FCC/IC test report RFTC01-A4-A2 Rev C RF Technologies Help Alert FCC Part 15.247
- Duty cycle measurements and calculations, WiFi Pendant Tag Worst Case Operation Rev 1_3

Max. measured average output power (802.11b Boost Mode) = 53.21 mW
Max. measured average output power (802.11b No Boost Mode) = 46.88 mW

Max. measured average output power (802.11g Boost Mode) = 43.75 mW
Max. measured average output power (802.11g No Boost Mode) = 37.15 mW

Max. measured average conducted output power for all modes is 53.21 mW.

The source-based time-averaged output power is 53.21 mW x 0.1014 = 5.4 mW.
The low threshold value is determined by (60/f[GHz]) = 60/2.462 = 24.4 mW.

Based on the evaluation using sourced-based time-averaged output power the product output power is below the threshold value and therefore no SAR evaluation is required for this body-worn device.