



Date 18th July 2011

Elliott TCB
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Fremont, CA. 94538
FCC ID: WJHNH11

Alertme Nano Hub RF Exposure Calculations

The test report for the Nano Hub shows a maximum output power of -0.94 dBm (on Zigbee channel 18).

The Antenna gain is specified as 1dBi , so the total radiated output power is 0.06 dBm (or 1.01mW).

Therefore the maximum RF exposure at 20cm is $0.0002\text{mW}/\text{cm}^2$.

This is significantly below the threshold limit at 2.4Ghz which is stated as $1\text{mW}/\text{cm}^2$.

Sincerely,

Bruce Benson
Principal Hardware Designer
Alertme.Com Ltd

ps Device is below the 60/f threshold of 24mW (based on an upper operating frequency of 2.475 GHz) and the device can be used in both mobile and portable rf exposure conditions without additional evaluation.