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American Certification Body, Inc.
6731 Whittier Avenue, Suite C110
McLean,
Virginia 22101
FCC ID: WJHSP11

Alertme Smartplug RF Exposure Calculations

The test report for the Smartplug shows a maximum output power of 3.91 dBm (on Zigbee channel 11).

The Antenna gain is specified as 1dBi , so the total radiated output power is 4.91 dBm (or 3.09mW).

Therefore the maximum RF exposure at 20cm is $0.0007\text{mW}/\text{cm}^2$.

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

