



Neutron Engineering Inc.

FCC RF EXPOSURE REPORT

FCC ID: ACJ-SC-NJ03

Project No. : 1403C017A
Equipment : Portable Wireless Speaker System
Model : SC-NJ03
Applicant : Panasonic Corporation of North America
Address : Two Riverfront Plaza, 9th Floor, Newark, New Jersey, United States

According: : FCC Guidelines for Human Exposure IEEE C95.1

Neutron Engineering Inc.

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MPE CALCULATION METHOD:

Calculation Method of RF Safety Distance:

$$S = \frac{PG}{4\pi^2} = \frac{EIRP}{4\pi^2}$$

where:

S = power density

P = power input to the antenna

G = power gain of the antenna in the direction of interest relative to an isotropic radiator

R = distance to the center of radiation of the antenna

Ant.	Manufacturer	Model Name	Antenna Type	Connector	Gain (dBi)
1	N/A	N/A	Printed	N/A	1.76

Maximum measured transmitter power:

Output Power (dBuV/m)	Out Power (mW)	Limit (mW)
47.96	1.36	10

According to FCC KDB447498 V05, Appendix A, SAR Test Exclusion Thresholds for 100 MHz – 6 GHz and ≤ 50 mm

The maximum measured output peak power of this EUT is 1.36 mW(47.96dBuV/m), therefore all of them are less than 10mW at 5mm distance.

Conclusion: No SAR evaluation required since transmitter power is below FCC threshold