

Radio frequency radiation exposure evaluation: portable devices

1.1 Radio Frequency Exposure Compliance

1.1.1 Electromagnetic Fields

RESULT:

Pass

Test Specification

Test item	: <u>Smart Light Sound Machine</u>
Identification / Type No.	: N69
FCC ID	: 2BCC6-N69
Test standard	: CFR47 FCC Part 2: Section 2.1093 FCC KDB Publication 447498 v06

Measurement Record:

EIRP[dBm] = Conducted Peak Output Power + antenna gain = 1.43 + 1.3 = 2.73dBm
Since maximum peak output power of the transmitter is 2.73 dBm $\approx 1.87\text{mW}$ < 10mW.

Hence the EUT is excluded from SAR evaluation according to FCC KDB Publication 447498 D01 General RF Exposure Guidance v06.