

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 Ring</u>
Identification / Type No.	: rw100
FCC ID	: 2BG7A-RW100
Test standard	: CFR47 FCC Part 2: Section 2.1093 FCC KDB Publication 447498 v06

Measurement Record:

$EIRP[dBm] = \text{maximum peak output} + \text{antenna Gain} = 1.39dBm + 3.12dBi = 4.51dBm$
Since maximum peak output power of the transmitter is 4.51 dBm $\approx 2.82mW < 10mW$.

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