

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] = maximum peak output + 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.