

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 watch</u>
Identification / Type No.	:	M12
FCC ID	:	2BCKX-M12
Test standard	:	CFR47 FCC Part 2: Section 2.1093 FCC KDB Publication 447498 v06

Measurement Record:

$EIRP[dBm] = \text{maximum peak output} + \text{antenna Gain} = 1.2dBm + 1.49dBi = 2.69dBm$
Since maximum peak output power of the transmitter is 2.69 dBm $\approx 1.86mW < 10mW$.

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