

# Radio frequency radiation exposure evaluation: portable devices

## 1.1 Radio Frequency Exposure Compliance

### 1.1.1 Electromagnetic Fields

RESULT:

Pass

#### Test Specification

Test item	:	TWS True Wireless Earbuds
Identification / Type No.	:	Y60
FCC ID	:	2BBFL-Y60
Test standard	:	CFR47 FCC Part 2: Section 2.1093 FCC KDB Publication 447498 v06

#### Measurement Record:

$EIRP[dBm] = \text{maximum peak output} + \text{antenna Gain} = -1.06dBm - 8.45dBi = -9.51dBm$   
Since maximum peak output power of the transmitter is  $-9.51dBm \approx 0.112mW < 10mW$ .

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