RF Exposure

The equipment under test (EUT) is a Go-Create Selfie Stick with BT 3.0 BDR function operating in 2402-2480MHz. The EUT is powered by DC 3.7V with battery; For more detail information pls. refer to the user manual.

Modulation Type: GFSK.
Bluetooth Version: BT 3.0 BDR(single mode)

Antenna Type: Integral antenna.
Antenna Gain: 2.3dBi.
The nominal conducted output power specified: -10.3dBm (+/-3dB).
The nominal radiated output power (e.i.r.p) specified: -8dBm (+/- 3dB).

According to the KDB 447498:

The maximun peak radiated emission for the EUT is 87.4dBμV/m at 3m in the frequency 2402MHz
The EIRP = [(FS*D) ^2 / 30] mW = -7.83dBm
which is within the production variation.

The minimum peak radiated emission for the EUT is 85.7dBμV/m at 3m in the frequency 2480MHz
The EIRP = [(FS*D) ^2 / 30] mW = -9.53dBm
which is within the production variation.

The maximun conducted output power specified is -7.3dBm = 0.16mW
The source- based time-averaging conducted output power
= 0.16 * Duty factor mW (where Duty Factor≤1)
= 0.16 mW

1-mW Test Exemption:

Since the source-based time-averaging conducted output power is well below 1-mW Test Exemption, per 447498 and §1.1307(b)(3)(i)(A), the EUT is considered to comply with SAR requirement without testing and no evaluation is required.