



RF exposure limit according to FCC CFR 47 parts 1 and 2 §1.310(e), §2.1091(b).

According report 7212326079 of SII

FCC ID: XBL-NECKTAG

FCC §1.1310 limit of power density for general population/uncontrolled exposure is
1 mW/cm².

The EUT is defined as module inside portable device designed to be used so that the radiating structure(s) of the device may be used at 20 centimeters distance from the body of the user.

P_t- the transmitted maximum EIRP power = -17.87 dBm = 0.01633508 mW.

Peak power density for distance 20 cm is

$$P_t/4\pi r^2 = 0.01633508\text{mW}/4\pi*20^2 = 3.249*10^{-6} \text{ mW/cm}^2.$$

That is less than 1 mW/cm² power density limit.