RF Exposure evaluation

Product Description: True Wireless Stereo Earbuds
Model Number: AW-10
FCC ID: 2ARYFAW10-R

According to 447498 D01 General RF Exposure Guidance v05 The 1-g and 10-g SAR test exclusion thresholds for 100 MHz to 6 GHz at test separation distances ≤ 50 mm are determined by: [(max. power of channel, including tune-up tolerance, mW)/(min. test separation distance, mm)] ·[√f(GHz)] ≤ 3.0 for 1-g SAR and ≤ 7.5 for 10-g extremity SAR, where
  f(GHz) is the RF channel transmit frequency in GHz
  Power and distance are rounded to the nearest mW and mm before calculation

According to the follow transmitter output power (P_t) formula：
$P_t = (E \times d)^2 / (30 \times g_t)$
P_t=transmitter output power in watts
g_t=numeric gain of the transmitting antenna (unitess)
E=electric field strength in V/m
d=measurement distance in meters (m)

According to the above test data,
P_t=-0.936dBm=0.81mW

  The result is rounded to one decimal place for comparison
  Worse case is as below: [2402MHz -0.81mW output power]
  (0.81mW /5mm).[√2.402(GHz)]= 0.25<3.0 for 1-g SAR
  Then SAR evaluation is not required

  NOTE: For the maximum power, you can refer FCC test report.