RF EXPOSURE EVALUATION

According to FCC 1.1310: The criteria listed in the following table shall be used to evaluate the environment impact of human exposure to radio frequency(RF) Radiation as specified in §1.1307(b):

FCC ID: 2BC43-IPISS202310

This is a Portable device with its physical nature to be used nearby, the distance between radiating structure and human is less than 20 cm.

As per KDB 447498 D01, 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)] x $[\sqrt{f(GHz)}]$ < 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
The result is rounded to one decimal place for comparison.

[(Max. Power of channel, including tune-up tolerance, mW)/(Min. test separation distance, mm)] x $[\sqrt{f(GHz)}]$ = (0.65/5) x$\sqrt{2.440} = 0.203$

Operating Mode	Frequency (MHz)	Target Power W/tolerance(dBm)	Max Target Power (dBm)	Antenna Gain(dBi)	Max tune up power(dBm)	Max tune up power (mW)	Separation distance(mm)	RF Exposure
Bluetooth LE	2440	-4.50 ± 1	-3.50	1.62	-1.88	0.65	5	0.203

Result: No Standalone SAR test is required.