

RF Exposure Requirements

Product Description: Trolley Speaker

Model No.: NPVXX

FCC ID: 2ASZE-NPVXXPD8

According to the KDB 447498 D01 V06, the following RF exposure evaluation shall to demonstrate RF exposure compliance.

Bluetooth BR & EDR

Frequency Range: 2402 MHz to 2480 MHz

Type of Modulation: GFSK, $\pi/4$ DQPSK

Device category: Portable device (Distance: 5mm)

The maximum conducted average output power tested: -5.33dBm

The conducted average output power specified is -5 dBm

Tolerance: ± 3 dB

The source- based time-averaging conducted output power

$= (-5 + 3) * \text{Duty cycle mW} = 0.63 \text{ mW}$ (Duty Cycle $\leq 100\%$)

Maximum Conducted Output Power: 0.63 mW

Limit: 10mW

Source-based time-averaged Conducted output power is $0.63 \text{ mW} < 10\text{mW}$

So the transmitter complies with the RF exposure requirements and the SAR is not required.