

RF Exposure Requirements

Product Description: Mimic GO

Model No.: SM0711

FCC ID: 2AXOE-MIMICGO

According to the KDB 447498 D01 v06, the following RF exposure evaluation shall to demonstrate RF exposure compliance.

Bluetooth

Tx frequency range: 2402~2480MHz

Device category: Portable device (Distance: 5mm)

Maximum Conducted Output Power: -3.45dBm

Maximum Conducted Output Power: 0.45 mW

Limit: 10mW

Source-based time-averaged Conducted output power is $0.45\text{mW} < 10\text{mW}$

900MHz DTS

Tx frequency range: 903~914.2MHz

Device category: Portable device (Distance: 5mm)

Maximum Conducted Output Power: -33.09dBm

Maximum Conducted Output Power: 0.00049 mW

Limit: 16mW

Source-based time-averaged Conducted output power is $0.00049\text{mW} < 16\text{mW}$

900MHz DSS

Tx frequency range: 902.3~914.9MHz

Device category: Portable device (Distance: 5mm)

Maximum Conducted Output Power: -34.59dBm

Maximum Conducted Output Power: 0.00035 mW

Limit: 16mW

Source-based time-averaged Conducted output power is $0.00035\text{mW} < 16\text{mW}$

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