

## RF Exposure Requirements

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Product Description: Bluetooth music receiver

Model No.: BRD1, BT16

FCC ID: RCTBRD1

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

### **Bluetooth (IC: CSR8635)**

Tx frequency range: 2402~2480MHz

Device category: Portable device (Distance: 5mm)

Maximum Conducted Output Power: 0.681dBm

Maximum Conducted Output Power: 1.17 mW

Limit: 10mW

Source-based time-averaged Conducted output power is  $1.17\text{mW} < 10\text{mW}$

### **Bluetooth (IC: TLSR8266F512)**

Tx frequency range: 2402~2480MHz

Device category: Portable device (Distance: 5mm)

Maximum Conducted Output Power: -6.379dBm

Maximum Conducted Output Power: 0.23 mW

Limit: 10mW

Source-based time-averaged Conducted output power is  $0.23\text{mW} < 10\text{mW}$

### **Simultaneous Transmission**

Bluetooth (IC: CSR8635)+ Bluetooth (IC: TLSR8266F512): 1.4mW

Limit: 10mW

Source-based time-averaged Conducted output power is  $1.4\text{mW} < 10\text{mW}$

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