

RF Exposure Requirements

Product Description: True wireless earbuds

Model No.: TWS12C, TW12C

FCC ID: 2A023-TWS08

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, 8DPSK

Device category: Portable device (Distance: 5mm)

Antenna Type: Integral antenna (Gain: 1.15 dBi)

The conducted output power specified is 4 dBm

Tolerance: ± 2.5 dB

Operating Mode	Frequency	Tune-up Power (Average)	Tolerance	Maximum Tune-up Power		Separation Distance	SAR Test Exclusion Threshold
	(MHz)	(dBm)	(dBm)	(dBm)	(mW)		
BR	2402-2480	4	2.5	6.5	4.47	5	10
EDR	2402-2480	4	2.5	6.5	4.47	5	10

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