

Justification of Exemption of Simultaneous SAR Evaluation

FCC ID: T7HRTX8050 Model: I755d

There are two transmitter modules in the device: Bluetooth & DECT6.0 (Figure 1). The Bluetooth module is plugged into the slot (Figure 2). DECT6.0 module is mounted.

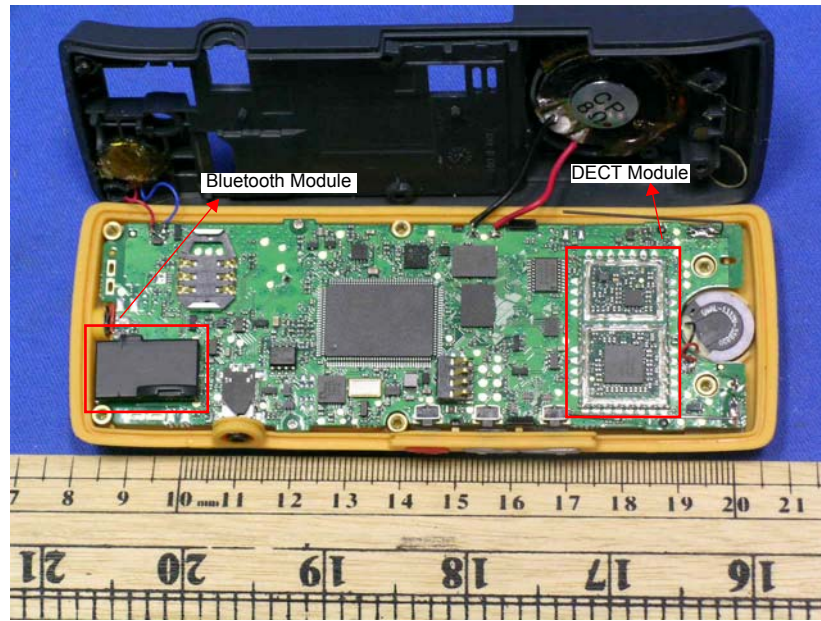


Figure 1 - Bluetooth module plugged into the slot

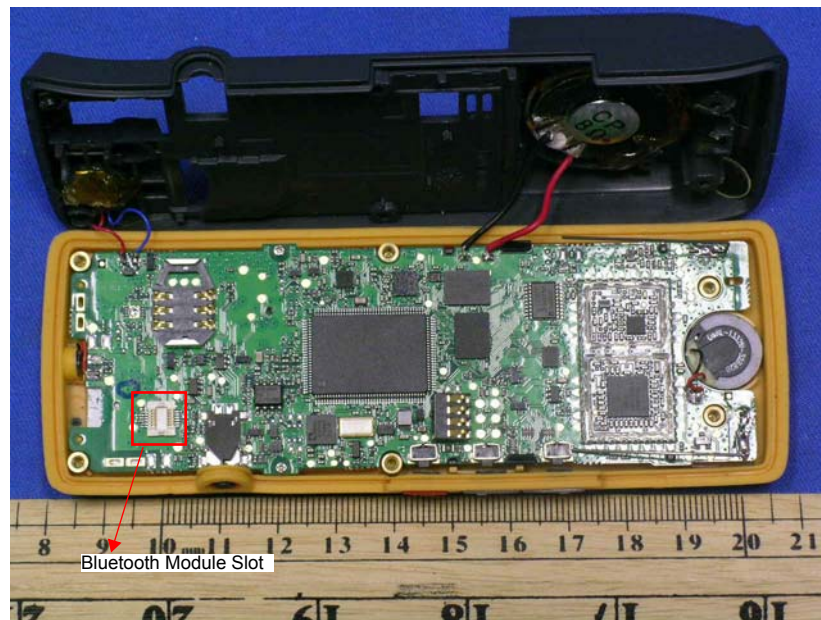


Figure 2

A. Closest Antennas Separation

The closest antennas separation between Bluetooth module & DECT6.0 module is greater than 5 cm (Figure 3).

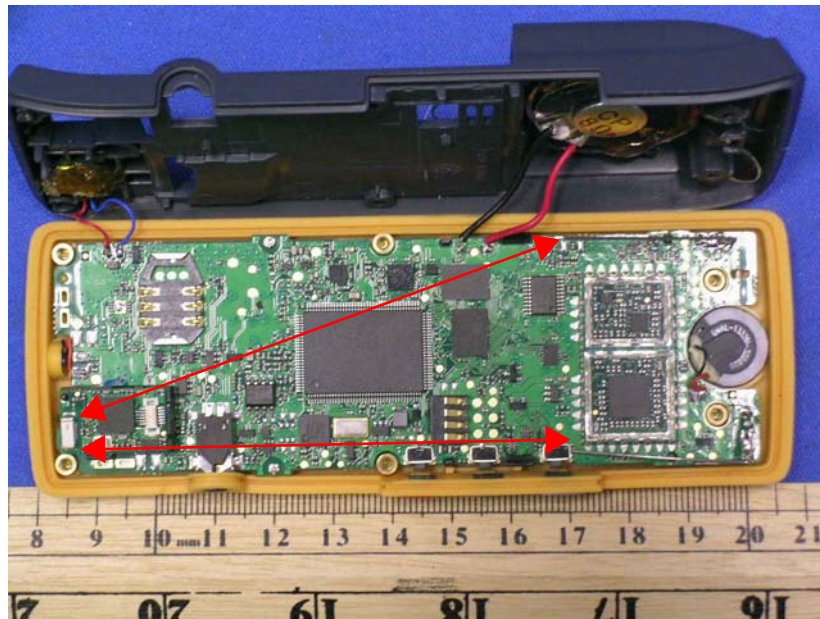


Figure 3 - Bluetooth module flipped for illustrating the antenna distance

B. Output Power of Bluetooth Module

The peak output power (EIRP) of Bluetooth module is 0.233mW at 2.441GHz. It is lower than the threshold limit $60\text{mW}/2.441\text{GHz}=24.58\text{mW}$. Thus Bluetooth module could be exempted from routine SAR evaluation.

C. Conclusion

Simultaneous Transmission SAR evaluation is not required.