

Product Description: Bedside Sleep Therapy Machine  
Model No.: iZBT10  
IC: 986B-IZBT10

Frequency range: 2402MHz – 2480MHz  
Maximum Antenna Gain: 0 dBi  
Maximum EIRP Output Power: 0.000948W

Following standard RSS-102, clause 2.5.1:

### **2.5.1 Exemption from Routine Evaluation Limits – SAR Evaluation**

SAR evaluation is required if the separation distance between the user and/or bystander and the device's radiating element is less than 20 cm, when the device operates at or below the applicable output power level (adjusted for tune-up tolerance) for the specified separation distance defined in Table 1

The operating frequency is not on the chart, so using linear interpolation to determine the limit:

$$Limit = 4 + (2480 - 2450)x \frac{2 - 4}{3500 - 2450} = 3.94mW$$

Source-based time-averaged EIRP output power is  $0.948mW < 3.94mW$

So the transmitter meets SAR Compliance for Exemption from Routine Evaluation Limits