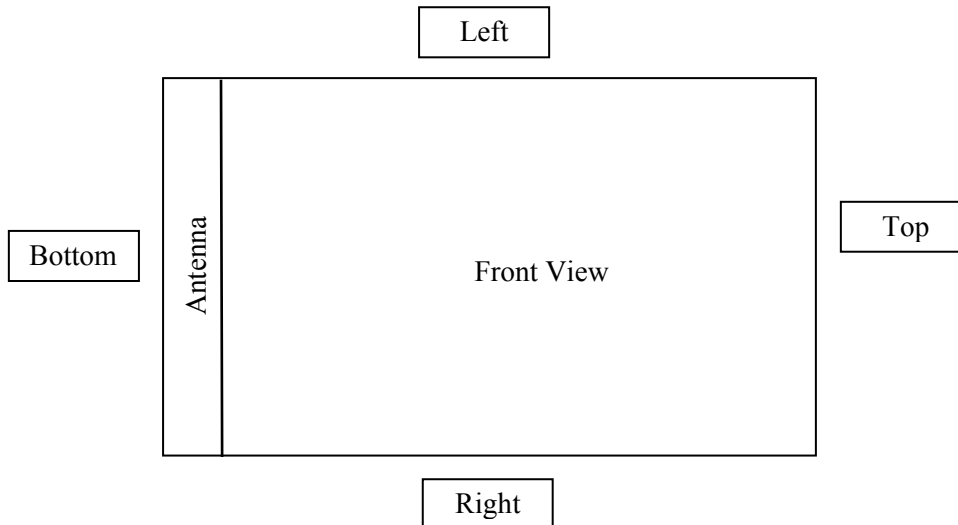


1 FCC §2.1093, §15.247(i) - RF Exposure Exemption

1.1 SAR Consideration

EUT Antennas Location



Note 1: the diagram above is only to show antenna location, and it doesn't represent the shape of the host device or the antenna. Please refer to the EUT photos exhibit for detailed information.

The host device which the EUT is installed in is a medical ultrasonic scanner. Five positions were chosen for SAR evaluation. In normal operation, the front, right, left and back sides of the host device are in contact with operator's hands and possibly in contact with patient's body. Therefore, the front, right, left, and back sides of the host device were evaluated for body-worn SAR. The bottom of the host device will most likely to be in contact with operator's hands and less likely to be in contact with patient's body. Thus, the bottom side was evaluated for handheld extremity SAR.

During SAR testing, EUT was tested without any accessories attached (0 mm distance between the phantom & EUT), which represents the worst case separation distance.

1.2 Bluetooth LE SAR Exclusion

According to KDB 447498 D01, Section 4.3.1 a), the calculated threshold for BLE radio in 2.4 GHz was lower than 3. Therefore, FCC standalone SAR evaluation for the 2.4 GHz BLE radio was excluded.

Mode	Frequency (MHz)	Max. Power (dBm)	Max. Power (mW)	Separation distance from body (mm)	Exclusion Threshold	Estimated standalone 1-g SAR (W/kg)	Estimated standalone 10-g SAR (W/kg)
BLE	2440	6	3.98	5	1.24	0.166	0.066