US Tech Test Report:	FCC Part 95 Certification
FCC ID:	OU507APFH-AP
Test Report Number:	24-0230
Issue Date:	September 30, 2024
Customer:	GE Medical Systems Information Technologies, Inc.
Model:	07APFH-AP

2.9 WMTS RF Exposure Evaluation (CFR 95.2385)

The EUT does not meet the definition of a portable device per Part 2.1093(b) because the EUT is a transmitting device designed to be used so that the radiating structure of the device is greater than 20 cm of the body of the user. The user's manual includes instructions to the installer to ensure this separation distance is meet. An evaluation of the Spectrum Density (S) at 20 cm is provide here for reference.

Table 10. RF Exposure Evaluation

Frequency of Fundamental Signal (MHz)	Calculated Output Power reading dBm(EIRP)	Antenna Gain (dBi)	Power mW(EIRP)
608.39-613.58	9.26*	2.0 (both dipole & patch have same max gain value)	8.4

MPE calculation:

*Output power calculated by converting the field strength to dBm EIRP using the following formula: dBm (EIRP) = E(dBuV/m) + 20log (D) – 104.8; where D is the 3 meters.

*dBm(EIRP) = 104.52 dBuV/m + 20log (3) – 104.8 = <u>9.26 dBm(EIRP)</u> = <u>8.4 mW</u>

The limit for this unit (uncontrolled exposure) is <u>0.4 mW/cm^2</u>

RF Density Field Equation: S= (EIRP in mW)/($4\pi R^2$) and solving at 20cm for R.

S= (8.4)/($4*\pi*20^2$) = 8.4/5026.55 = <u>0.0017 mW/cm^2</u> << Limit

Calculations performed by:

Date: September 5, 2024

By
Signature: _____   Name: <u>George Yang</u>