



Certification Exhibit

FCC ID: 2AQVAEHRTMODULE

FCC Rule Part: 47 CFR Part 2.1091

Project Number: 72174064

Manufacturer: Kimberly-Clark Corporation
Model: EHRTMODULE

RF Exposure

General Information:

Applicant: Kimberly-Clark Corporation
 Device Category: Mobile
 Environment: General Population/Uncontrolled Exposure

Technical Information (FCC 15.247) – WALLMOUNT HOST:

Antenna Type: Printed Inverted-F type antenna with impedance matching circuit
 Antenna Gains: 4.2 dBi
 Maximum Transmitter Conducted Power: 6.7dBm, 4.68mW
 Maximum System EIRP: 10.9 dBm, 12.30mW
 Exposure Conditions: 20 centimeters

Technical Information (FCC 15.247) – RECESSED HOST:

Antenna Type: Printed Inverted-F type antenna with impedance matching circuit
 Antenna Gains: 3.3 dBi
 Maximum Transmitter Conducted Power: 6.7dBm, 4.68mW
 Maximum System EIRP: 10 dBm, 10 mW
 Exposure Conditions: 20 centimeters

MPE Calculation

The Power Density (mW/cm²) is calculated as follows:

$$S = \frac{PG}{4\pi R^2}$$

Where:

S = power density (in appropriate units, e.g. mW/cm²)

P = power input to the antenna (in appropriate units, e.g., mW)

G = power gain of the antenna in the direction of interest relative to an isotropic radiator

R = distance to the center of radiation of the antenna (appropriate units, e.g., cm)

Table 1: MPE Calculation (BLE radio) – WALLMOUNT HOST

Transmit Frequency (MHz)	Radio Power (dBm)	Power Density Limit (mW/cm ²)	Radio Power (mW)	Antenna Gain (dBi)	Antenna Gain (mW eq.)	Distance (cm)	Power Density (mW/cm ²)
2480	6.7	1.00	4.68	4.2	2.630	20	0.002

Table 2: MPE Calculation (BLE radio) – RECESSED HOST

Transmit Frequency (MHz)	Radio Power (dBm)	Power Density Limit (mW/cm ²)	Radio Power (mW)	Antenna Gain (dBi)	Antenna Gain (mW eq.)	Distance (cm)	Power Density (mW/cm ²)
2480	6.7	1.00	4.68	3.3	2.138	20	0.002