

# FCC RF Exposure

EUT Description: heated wearable products

Model No.: MW37V22-N, MW19A08, MW19A10, MWMS07, MWCB37V22220, MWWS07, MWOB37V02221, MWUS20, MWUH07, MWMS19, MWWS19, MWUS17, MWOB37V22221, MWUH04, MWUS12

FCC ID: 2A2QC-MW37V22-N

## 1. Limits

According to KDB 447498 D01 General RF Exposure Guidance v06 The 1 - g and 10 - g SAR test exclusion thresholds for 100 MHz to 6 GHz at test separation distances  $\leq 50$  mm are determined by:  
$$[(\text{max power of channel, including tune - up tolerance, mW}) / (\text{min. test separation distance, mm})] \cdot [\sqrt{f(\text{GHz})}] \leq 3.0 \text{ for 1 - g SAR and } \leq 7.5 \text{ for 10 - g extremity SAR,}$$

Where:

Result=P/D\*  $\sqrt{F}$

F= the RF channel transmit frequency in GHz

P=Maximum turn - up power in mw

D=Min. test separation distance in mm

## 2. Test Result of RF Exposure Evaluation

Frequency (MHz)	Output power (dBm)	Tune Up Power (dBm)	Max Tune Up power dBm/mW	Min test separation distance mm	Result	Limit (mW/cm <sup>2</sup> )	SAR Test Exclusion
2480	-7.35	-7 ± 1	-6/0.25	5	0.079	3.0	Pass

**Note:**  
PK Output power= conducted power.  
Conducted power see the test report **HK2202240691-E**, antenna gain=0dB

Per KDB 447498 D01, when the minimum test separation distance is  $< 5$  mm, a distance of 5 mm is applied to determine RF Exposure test exclusion. The test exclusion threshold is 0.079 which is  $\leq 3$ , RF Exposure testing is not required.

Note: Exclusion Thresholds Results=[(max. power of channel, including tune-up tolerance, mW)/(min. test separation distance, mm)]  $\cdot [\sqrt{f(\text{GHz})}]$

$f(\text{GHz})$  is the RF channel transmit frequency in GHz

Distance=5mm