

**Statement of compliance to
Maximum Permissible Exposure (MPE)
No. 190100007SHA-009**

Applicant : Haier US Appliance Solutions, Inc.
Appliance Park AP2-226, Louisville, KY, 40225, United States

Manufacturer : Haier US Appliance Solutions, Inc.
Appliance Park AP2-226, Louisville, KY, 40225, United States

Product Name : KITCHEN HUB

Type/Model : UVH13012M1SS
Additional Model : UVH13012M2SS, UVH13012M3SS, UVH13012M4SS, UVH13012M5SS,
UVH13013M1DS, UVH13013M2DS, UVH13013M3DS, UVH13013M4DS,
UVH13013M5DS, UVH13014M1WM, UVH13014M2WM, UVH13014M3WM,
UVH13014M4WM, UVH13014M5WM, UVH13013M1TS, UVH13013M2TS,
UVH13013M3TS, UVH13013M4TS, UVH13013M5TS

According to §2.1091, §2.1093 and §1.1307(b), systems operating under the provisions of this section shall be operated in a manner that ensures that the public is not exposed to radio frequency energy level in excess of the Commission's guidelines.

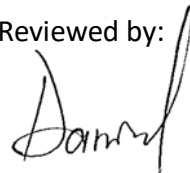
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Prepared by:



Wade Zhang (Project engineer)

Reviewed by:



Daniel Zhao (Reviewer)

Power density (S) is calculated according to the formula:

$$S = PG / (4\pi R^2)$$

Where S = power density in mW/cm²

P = transmit power in mW

G = numeric gain of transmit antenna (numeric gain=Log-1(dB antenna gain/10))

R = distance (cm)

The calculations in the table below use the highest gain of antenna for client EUT. These calculations represent worst case in terms of the exposure levels.

| Frequency band (MHz) | Power | | Antenna Gain | | R (cm) | S (mW/cm ²) | Limits (mW/cm ²) |
|-------------------------|-------|-------|--------------|-----------|-----------|----------------------------|---------------------------------|
| | dBm | mW | dBi | (Numeric) | | | |
| 2402 - 2480 | 8.71 | 7.43 | 3.1 | 2.04 | 20 | 0.003 | 1 |
| 2402 - 2480 | 2.30 | 1.70 | 3.1 | 2.04 | 20 | 0.001 | 1 |
| 2402 - 2480 | -4.10 | 0.39 | 1.6 | 1.45 | 20 | 0.0001 | 1 |
| 2412 - 2462 | 16.79 | 47.75 | 3.1 | 2.04 | 20 | 0.019 | 1 |
| 2405 - 2480 | 10.32 | 10.76 | 1.5 | 1.41 | 20 | 0.003 | 1 |
| 908.42 – 908.42 | -6.70 | 0.21 | -1.0 | 0.79 | 20 | 0.00003 | 0.454 |
| 5180 - 5240 | 10.73 | 11.83 | 2.7 | 1.86 | 20 | 0.004 | 1 |
| 5260 - 5320 | 10.83 | 12.11 | 2.7 | 1.86 | 20 | 0.004 | 1 |
| 5500 - 5700 | 13.35 | 21.63 | 2.7 | 1.86 | 20 | 0.008 | 1 |
| 5745 - 5825 | 12.87 | 19.36 | 2.7 | 1.86 | 20 | 0.007 | 1 |

| Frequency band (MHz) | Max Permit Power with tolerance | | Antenna Gain | | R (cm) | S (mW/cm ²) | Limits (mW/cm ²) |
|-------------------------|------------------------------------|-------|--------------|-----------|-----------|----------------------------|---------------------------------|
| | dBm | mW | dBi | (Numeric) | | | |
| 2402 - 2480 | 9.00 | 7.94 | 3.1 | 2.04 | 20 | 0.003 | 1 |
| 2402 - 2480 | 3.00 | 2.00 | 3.1 | 2.04 | 20 | 0.001 | 1 |
| 2402 - 2480 | -3.00 | 0.50 | 1.6 | 1.45 | 20 | 0.0001 | 1 |
| 2412 - 2462 | 17.00 | 50.12 | 3.1 | 2.04 | 20 | 0.020 | 1 |
| 2405 - 2480 | 11.00 | 12.59 | 1.5 | 1.41 | 20 | 0.003 | 1 |
| 908.42 – 908.42 | -5.00 | 0.32 | -1.0 | 0.79 | 20 | 0.0001 | 0.454 |
| 5180 - 5240 | 11.00 | 12.59 | 2.7 | 1.86 | 20 | 0.005 | 1 |
| 5260 - 5320 | 11.00 | 12.59 | 2.7 | 1.86 | 20 | 0.005 | 1 |
| 5500 - 5700 | 14.00 | 25.12 | 2.7 | 1.86 | 20 | 0.009 | 1 |
| 5745 - 5825 | 14.00 | 25.12 | 2.7 | 1.86 | 20 | 0.009 | 1 |

Note: 1 mW/cm² from 1.310 Table 1

For the device can support simultaneous transmission, according to 447498 D01 General RF Exposure Guidance v06, For the device consider simultaneous transmission of WIFI2.4G/5G/BT/BLE, ZigBee and Z-Wave, BLE,

The worst MPE = 0.020 + 0.003 + 0.0001 + 0.0001 = **0.0232** mW/cm² < 1 mW/cm².

Appendix I

Definition below must be outlined in the User Manual:

To satisfy FCC RF exposure requirements, a separation distance of **20** cm or more should be maintained between the antenna of this device and persons during device operation. To ensure compliance, operations at closer than this distance is not recommended.