



FCC ID: B94SNPRH1701

## Statement of compliance to Maximum Permissible Exposure (MPE)

Applicant : HP Inc.  
26, Jiafeng Road, Waigaoqiao Free Trade, Shanghai,  
China

Manufacturer : Hong Fu Jin Precision Electronics (Chong Qing) Co., Ltd.  
No.1 East district 1st Road, Shapingba District, Chong  
Qing City, China

Product Name : HP rookit 130

Type/Model : SNPRH-1701

TEST RESULT : PASS

**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.**

Date of issue: February 14, 2017

Prepared by:

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Approved 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/cm<sup>2</sup>

P = transmit power in mW

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

R = distance (cm)

As we can see the report of wifi in FCC ID: B94SDGOB1392:

Frequency band	Power	Antenna Gain	R	S	Limits
(MHz)	dBm	dBi	(cm)	(mW/cm <sup>2</sup> )	(mW/cm <sup>2</sup> )
2400 -2483.5	19.9	2.5	20	0.035	1

Note: 1 mW/cm<sup>2</sup> from 1.310 Table 1

As we can see from the test reports 161100003SHA-001:

Frequency band	Power	Antenna Gain	R	S	Limits
(MHz)	dBm	dBi	(cm)	(mW/cm <sup>2</sup> )	(mW/cm <sup>2</sup> )
2400 -2483.5	6.09	1.46	20	0.0011	1

Note: 1 mW/cm<sup>2</sup> from 1.310 Table 1

For the device can support simultaneous transmission, according to 447498 D01 General RF Exposure Guidance:

$$\text{The sum of the MPE ratios} = 0.035 / 1.0 + 0.0011 / 1.0 = 0.0361 \text{mW/cm}^2$$

This level is below the simultaneous transmission MPE test exclusion requirements ( $\leq 1.0$ ).



## **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.