**FCC ID: RAR60005008**
**IC: 4674A-60005008**

# Statement of compliance to Maximum Permissible Exposure (MPE)

| | | |
|---|---|---|
| Applicant | : | Ericsson WiFi Inc.<br>6300 Legacy Drive, Plano Texas 75024 USA |
| Manufacturer | : | Ericsson WiFi Inc.<br>6300 Legacy Drive, Plano Texas 75024 USA |
| Product Name | : | Access Point |
| Type/Model | : | AP 6335 |
| 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 4, 2016

Prepared by:

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Nemo Li (Project engineer)

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 $mW/cm^2$
P = transmit power in mW
G = numeric gain of transmit antenna (numeric gain=Log-1(dB antenna gain/10))
R = distance (cm)

For 2.4G band, as we can see from the test report 151101871SHA-002:

| Freq band | Power | Antenna Gain | Beamforming | R | S | Limits |
|---|---|---|---|---|---|---|
| MHz | dBm | dBi | dBi | cm | $mW/cm^2$ | $mW/cm^2$ |
| 2400 -2483.5 | 25.27 | 4.30 | 6.00 | 30 | 0.32 | 1.0 |

For 5G band, as we can see from the test report 151101871SHA-003:

| Freq band | Power | Antenna Gain | Beamforming | R | S | Limits |
|---|---|---|---|---|---|---|
| MHz | dBm | dBi | dBi | cm | $mW/cm^2$ | $mW/cm^2$ |
| 5150-5250 | 24.70 | 5.20 | 6.00 | 30 | 0.34 | 1.0 |
| 5725-5850 | 24.56 | 5.20 | 6.00 | 30 | 0.33 | 1.0 |

For the device supporting simultaneous transmission of 2.4G band and 5G band, according to KDB447498 D01 General RF Exposure Guidance v06:

The sum MPE = 0.32/1.0 + 0.34/1.0 = 0.66 < 1.0

This level is below the simultaneous transmission MPE test exclusion requirements (≤1.0).

# Appendix I

**Definition below must be outlined in the User Manual:**

To satisfy FCC RF exposure requirements, a separation distance of 30 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.