

## Declaration regarding RF Exposure

Federal Communication Commission  
Equipment Authorization Division, Application Processing Branch  
7435 Oakland Mills Road  
Columbia, MD 21048

### TO WHOM IT MAY CONCERN

RF Exposure issue for any portable devices subject to 2.1093 routine evaluations regarding the following product:

| <u>FCC ID Number</u> | <u>Product Title/Model</u> |
|----------------------|----------------------------|
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|             |        |
|-------------|--------|
| 2ACUWEI8800 | EI8800 |
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### SAR exemption:

This device has been excluded from SAR testing based on source-based time-averaged conducted output power and KDB 447498 D01 section 4.3.1 1).

This document serves as the RF exposure exhibit in the FCC Form 731 application in lieu of a SAR report.

### Results/Evidence:

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:

$$\left[ \frac{\text{max. power of channel, including tune-up tolerance, mW}}{\text{min. test separation distance, mm}} \right] \cdot [\sqrt{f(\text{GHz})}] \leq 3.0$$

for 1-g SAR and  $\leq 7.5$  for 10-g extremity SAR,<sup>25</sup> where

- $f(\text{GHz})$  is the RF channel transmit frequency in GHz
- Power and distance are rounded to the nearest mW and mm before calculation<sup>26</sup>
- The result is rounded to one decimal place for comparison
- 3.0 and 7.5 are referred to as the numeric thresholds in the step 2 below

The test exclusions are applicable only when the minimum test separation distance is  $\leq 50$  mm and for transmission frequencies between 100 MHz and 6 GHz. When the minimum test separation distance is  $< 5$  mm, a distance of 5 mm according to 5) in section 4.1 is applied to determine SAR test exclusion.

With  $P_{\text{OUT}} = 8\text{mW}$  (max.  $P_{\text{OUT}}$  declared) and 5mm distance: 2.5 ( $\leq 3.0$ ) for 1g-SAR

Signature: \_\_\_\_\_

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