

## Justification statement for Antenna

To: Federal Communication Commission  
Equipment Authorization Branch  
7435 Oakland Mills Road  
Columbia, MID 21046

**Regarding:** FCC ID: **2AHAS-XWC81042**

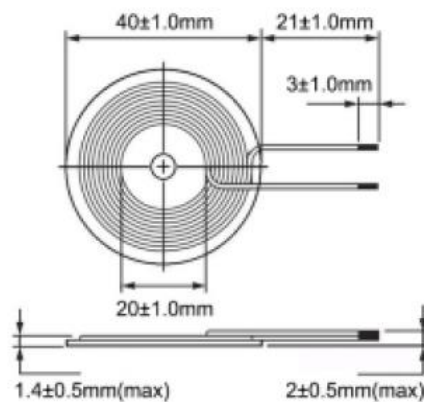
Dear Sir/Madam,

Only radiated measurements are used for EUT with *FCC ID*: **2AHAS-XWC81042** to show compliance with FCC limits for fundamental and spurious emissions. All measurements were performed radiated and therefore additional antenna gain documentation is not required.

The detailed information for antenna as below shows:

| Design Specifications | Typical              |
|-----------------------|----------------------|
| Antenna Type          | Loop Antenna         |
| Working Frequency     | 112.4kHz to 148.2kHz |

### Product Apperance & Dimensions



■ Product Electrical characteristics

| (Parameter)            | (Value)                               |
|------------------------|---------------------------------------|
| (Product name) :       | Wireless charging coil module         |
| (Product number) :     | AWM-40100                             |
| (Ferrite type) :       | AWF-40100                             |
| (Coil type) :          | AWC-A11                               |
| (Coil Turns) :         | 10Ts (10ts x 1Layers)                 |
| (Inductance) :         | 6.8 $\mu$ H $\pm$ 10%                 |
| (Q Value) :            | 70 (Min. )                            |
| (DC Resistance) :      | 0.06 $\Omega$ (Max. )                 |
| (Testing Instrument) : | TH2816B @100kHz、1Vrms; TH2512B At 25℃ |

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