

Justification statement for Antenna

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

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

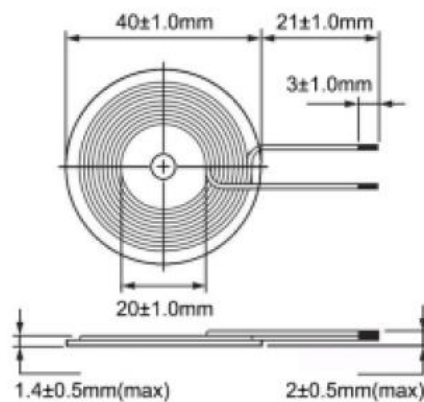
Dear Sir/Madam,

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 μ H \pm 10%
(Q Value) :	70 (Min.)
(DC Resistance) :	0.06 Ω (Max.)
(Testing Instrument) :	TH2816B @100kHz、1Vrms; TH2512B At 25℃

Guangzhou Tianbao Electronics Co., Ltd.