

Justification statement for Antenna

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

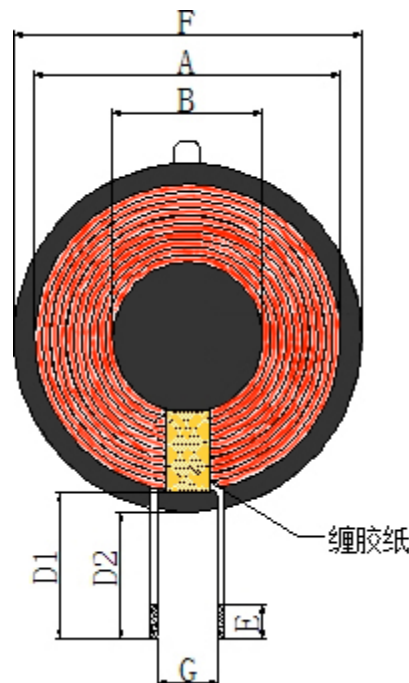
Regarding: FCC ID: 2AHAS-XWC81045

Dear Sir/Madam,

Only radiated measurements are used for EUT with FCC ID: 2AHAS-XWC81045 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	122.2kHz to 159.2kHz



CUST P/N:

A 39.3±0.5
B 20.5±0.5
C 0.65
D1 23mm±2
D2 20mm±2
F 43.5±0.3
G 14.7±1
H 1.8-2.3
E 3-4mm

Notes:

1. Coil paste magnetic sheet, magnetic sheet size 43.5±0.3mm, thickness is 0.65mm.
2. 8mm(ref) width high temperature adhesive paper 1-2Ts is wrapped around the coil.
3. Paste circular diameter of magnetic disk on front and back side.
43.6mm(ref) ordinary double sided tape on the front and back of the magnet, and the inner hole is 20.5mm(ref).