

Justification statement for Antenna

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

Regarding: FCC ID: 2AHAS-XWC81046

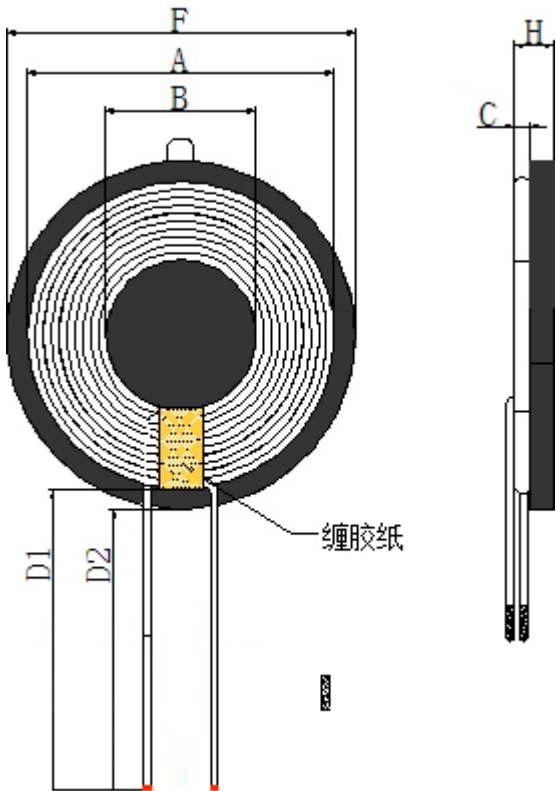
Dear Sir/Madam,

Only radiated measurements are used for EUT with FCC ID: 2AHAS-XWC81046 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 | Output1:123.08-128.92KHz (phone) Output2:124.8-127.3KHz (earbud) Output2:327.8-330.08KHz (watch) |

Earbud:

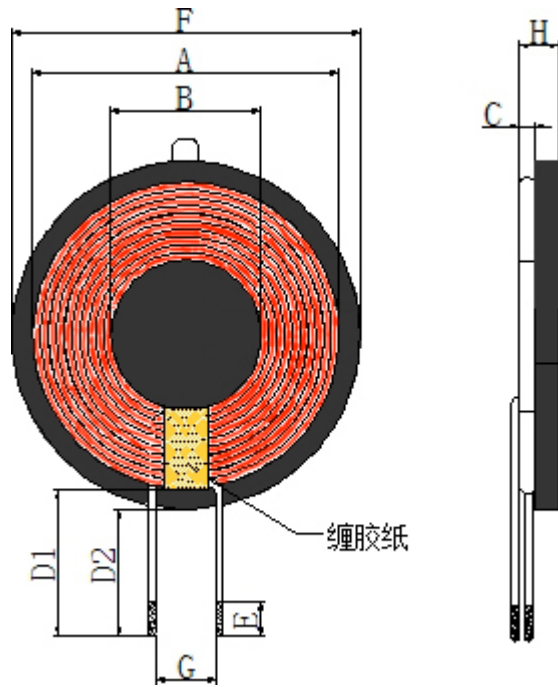


| | |
|----|----------|
| A | 38.5±1 |
| B | 20.5±0.5 |
| C | 0.65 |
| D1 | 129mm±2 |
| D2 | 130mm± |
| F | 43.5±0.2 |
| H | 1.9-2.3 |
| E | 3-4mm |

Notes:

1. Coil paste magnetic sheet, magnetic sheet size 43.5±0.5mm, thickness is 0.65.
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, the inner hole is 20.5/8.6mm(ref).
4. The red part is tinned with a length of 3-5mm.

Phone:

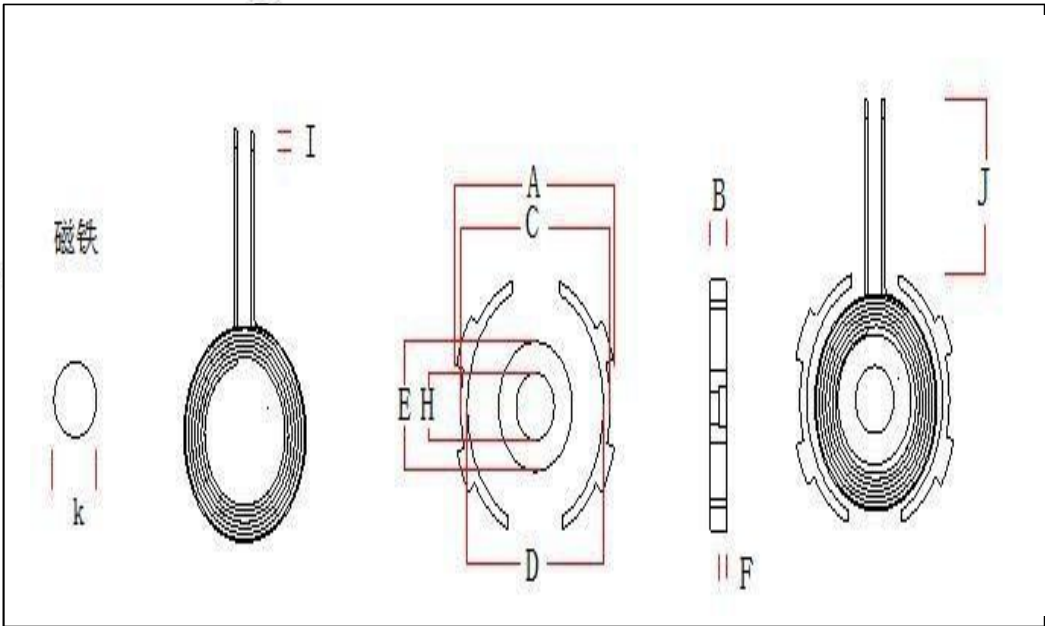


| | |
|----|----------|
| A | 39.3±0.5 |
| B | 20.5±0.5 |
| C | 0.65 |
| D1 | 138mm±2 |
| D2 | 135mm±2 |
| F | 43.5±0.3 |
| G | 14.7±1 |
| H | 1.8-2.3 |
| E | 3-4mm |

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).

Watch:



| | |
|---|------------------|
| A | 25 ± 0.5 |
| B | 2.7 ± 0.5 |
| C | 23.7 ± 0.25 |
| D | 20.5 ± 1 |
| E | 14.5 ± 0.3 |
| H | 8 ± 0.3 |
| I | 2 ± 1 |
| J | 8 ± 2 |
| K | 7.5×2.0 |

Notes:

1. 25mm size magnetic sheet for coil, thickness 2.7mm.
2. The back of the magnet is covered with 17mm(ref) double sided tape.