

Justification statement for Antenna

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

Regarding: FCC ID: 2BNU3-W169L

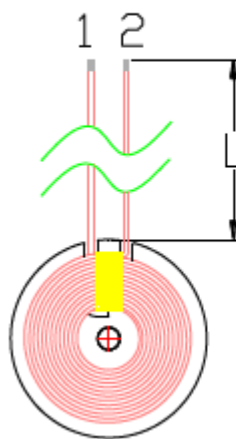
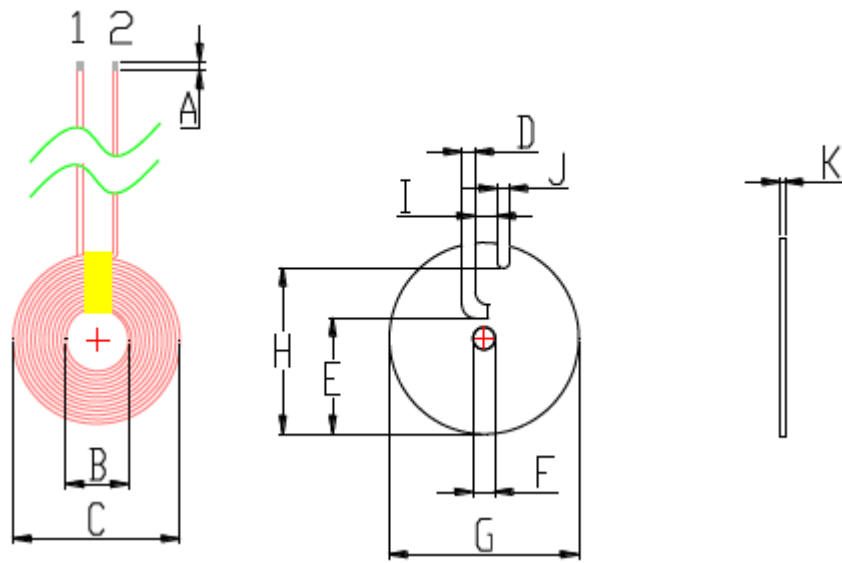
Dear Sir/Madam,

Only radiated measurements are used for EUT with FCC ID: 2BNU3-W169L 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:

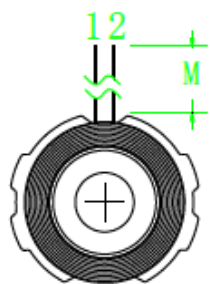
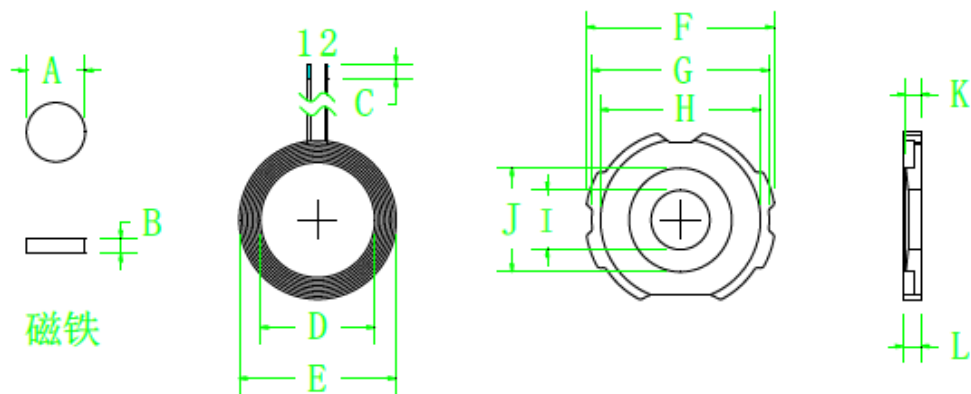
Design Specifications	Typical
Antenna Type	Loop Antenna
Working Frequency	Output 1: 111.8kHz to 143.8kHz Output 2: 325.06kHz to 327.58kHz Output 3: 127.4kHz to 129.6kHz
Overall Dimensions	Output 1: 39.5*14.5mm Output 2: 21*15.2mm Output 3: 42*20.5mm

Output 1 Antenna:



A	3.0±1
B	14±0.5
C	39±0.5
D	3.0±0.3
E	26±0.3
F	5.3±0.2
G	43±0.3
H	36±0.5
I	5±0.3
J	3.0±0.3
K	0.8±0.1
L	130±2

Output 2 Antenna:



A	7.5 ± 0.1
B	2.0 ± 0.1
C	2.0 ± 1
D	15 ± 0.2
E	20.5 ± 0.5
F	25 ± 0.4
G	23.5 ± 0.3
H	21 ± 0.2
I	7.6 ± 0.1
J	13.5 ± 0.2
K	2.15 ± 0.1 中柱高度
L	2.3 ± 0.15
M	8 ± 1

Output 3 Antenna:

