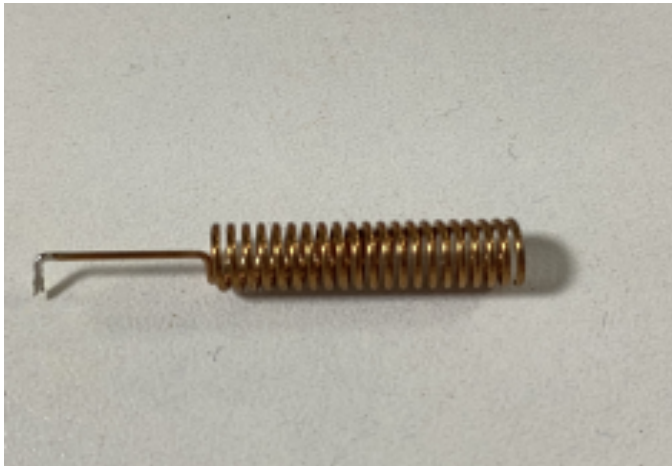


## Sample Confirmation Letter

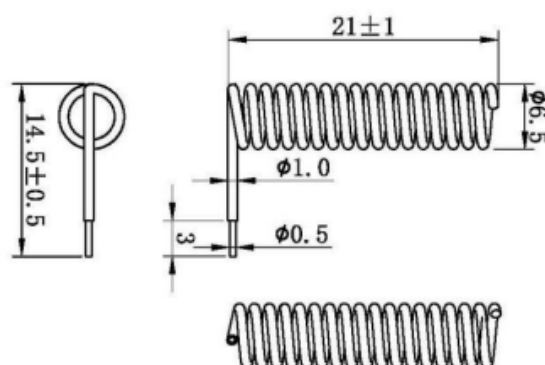
|                   |                                                                                                                                                                   |                 |            |             |  |
|-------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|------------|-------------|--|
| customer          | SZ PGST Co. , Ltd                                                                                                                                                 | Project Name    | PG-106     |             |  |
| Part Name         | 433M Transmission antenna spring                                                                                                                                  | Specification   | 433±5MHz   |             |  |
| Part Number       | DS-T433E15-03-A                                                                                                                                                   | Sample Quantity | 10 PCS     |             |  |
| Sample type       |                                                                                                                                                                   | Issue Date      | 2023-11-24 |             |  |
| Prepared by       |                                                                                                                                                                   | Reviewed by     |            | Approved by |  |
| Customer Approval | <input type="checkbox"/> Fully recognized, can be purchased in large quantities<br><input type="checkbox"/> Limited edition recognition, limit____, reason: _____ |                 |            |             |  |
| Proposal          |                                                                                                                                                                   |                 |            |             |  |
| Product picture   |                                                                               |                 |            |             |  |

## Content

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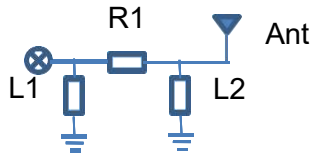
# SHENZHEN DASHAN COMMUNICATION CO., LTD

## 3、Product Picture



# SHENZHEN DASHAN COMMUNICATION CO.,LTD

## 4、Specification

|                       |                                                                                    |
|-----------------------|------------------------------------------------------------------------------------|
| FrequencyRange(MHz)   | 433                                                                                |
| dBi                   | -3.0±1dB                                                                           |
| Efficiency (%)        | 20                                                                                 |
| VSWR                  | ≤3.0                                                                               |
| Matching Circuit      |  |
| Operation Temperature | -40℃~65℃                                                                           |
| Storage Temperature   | -40℃~65℃                                                                           |

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## 5、Radiation Report

### 5.1 S Parameter/Gain/Efficiency

#### S Parameter



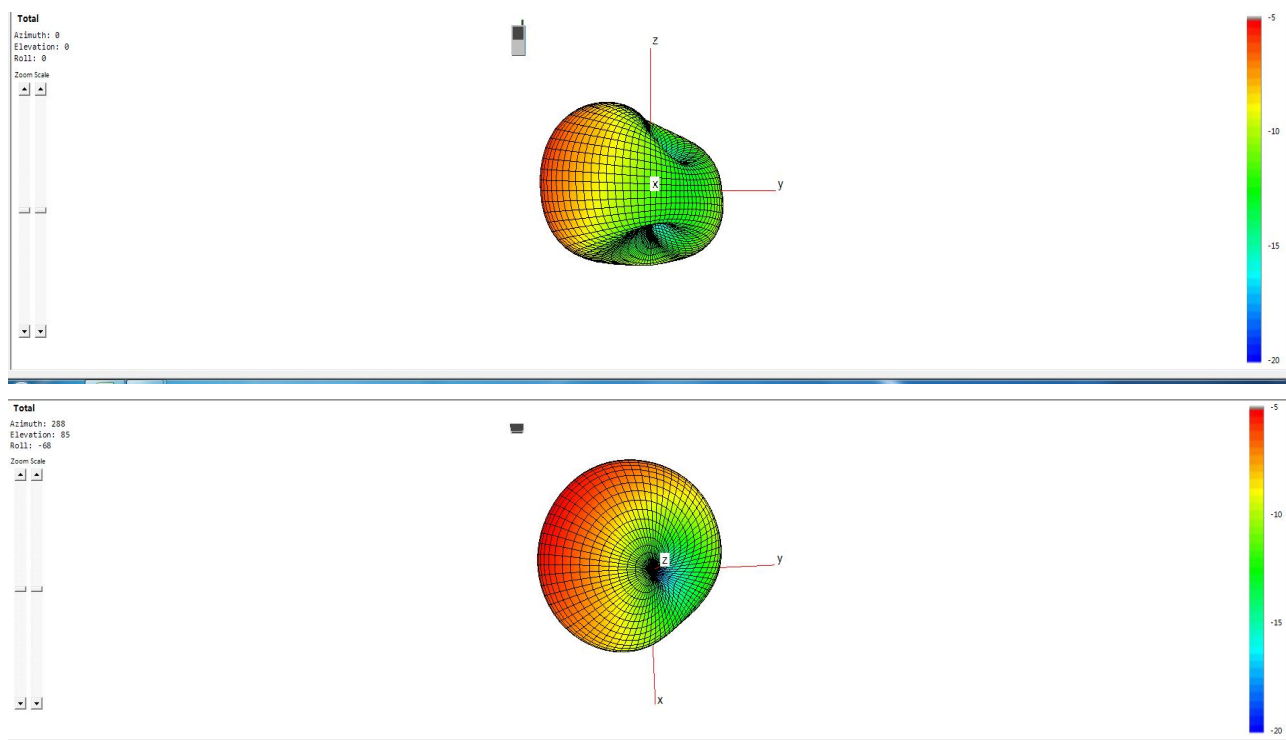
voltage standing-wave ratio

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## 5.2 Efficiency And Gain

| ANTO            |            |            |
|-----------------|------------|------------|
| Frequency (MHz) | Efficiency | Gain (dBi) |
| 423             | 28%        | -3.9       |
| 425             | 30%        | -3.7       |
| 427             | 32%        | -3.5       |
| 429             | 33%        | -3.4       |
| 431             | 33%        | -3.3       |
| 433             | 32%        | -3.4       |
| 435             | 32%        | -3.5       |
| 437             | 30%        | -3.6       |
| 439             | 29%        | -3.8       |
| 441             | 28%        | -4.0       |
| 443             | 27%        | -4.3       |

## 5.3 Directions



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