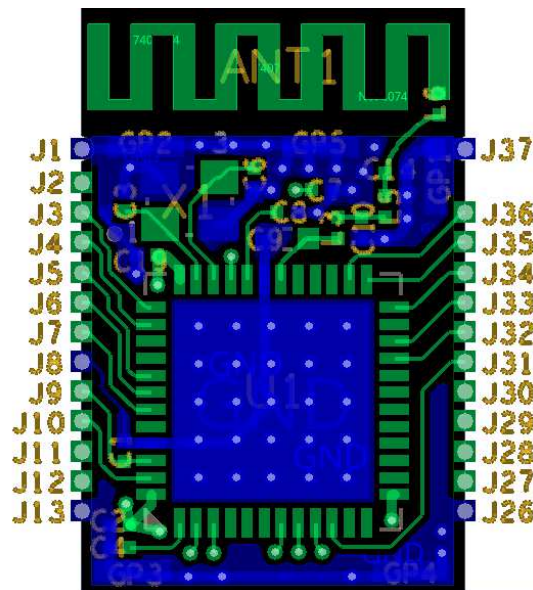


## 5 Appendix

### LRBT02 PCB ANTENNA SPEC DATA



**Product Name :** LRBT02

**Model No. :** LRBT02

**Issued Date :** 2022-09-20

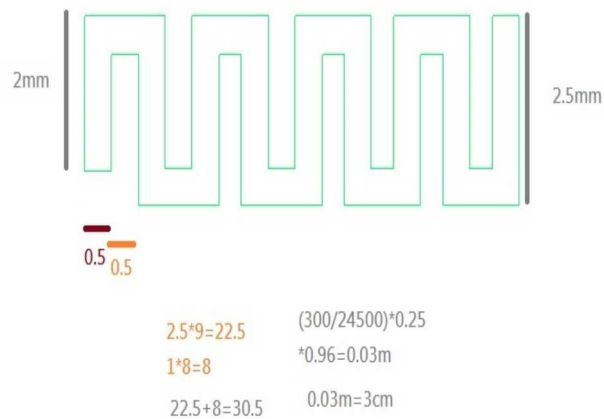
**Revision :** V 0.1

## 6 Specifications

### Antenna Peak Gain

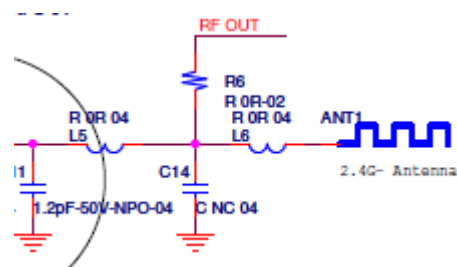
|                 |     |        |      |  |
|-----------------|-----|--------|------|--|
| 2.4G            | Low | Medium | High |  |
| Peak to Average | --  | 0.12dB | --   |  |

### Dimensions



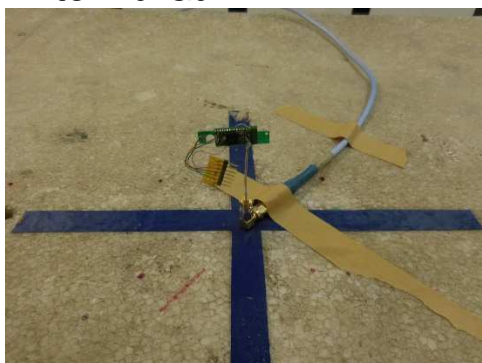
| Dimensions (mm) | L   | W   | T   |
|-----------------|-----|-----|-----|
|                 | 8.5 | 2.5 | 0.1 |

### Referent Design



## 7 Antenna Characteristics test

### Antenna Gain



| Horn antenna Gain |     |      | PK    |        | AV     |        |
|-------------------|-----|------|-------|--------|--------|--------|
|                   |     |      | H     | V      | H      | V      |
| 2.412             | GHz | 5.6  | -6.09 | -11.81 | -11.54 | -14.71 |
| 2.442             | GHz | 5.6  | -6.1  | -12.7  | -11.33 | -15.18 |
| 2.48              | GHz | 5.84 | -5.78 | 10.95  | -12.38 | -14.66 |

