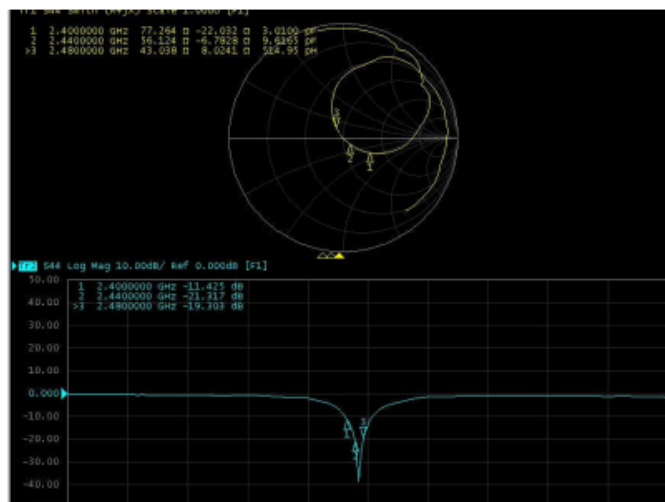
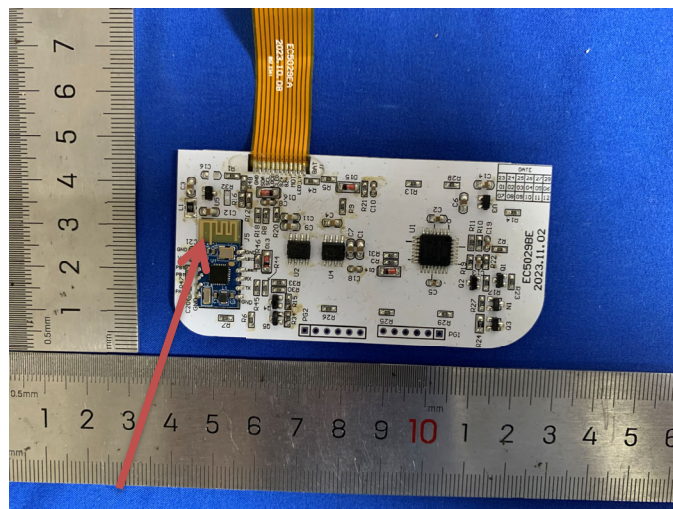
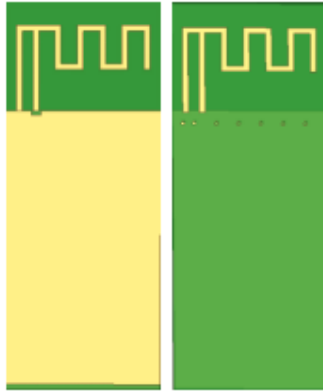


**Applicant:** RVLOCK & CO, LLC  
**Address of applicant:** 1770 WEST 2690 SOUTH WELLSVILLE, UT 84339 USA  
**Model:** R100V  
**Antenna Type:** PCB antenna  
**Antenna Gain:** 1.49dBi



Return Loss



| Antenna parameters         | Value | Unit |
|----------------------------|-------|------|
| PCB substrate permittivity | 4.6   | —    |
| PCB substrate H            | 1.0   | mm   |
| Length of PCB substrate    | 35.5  | mm   |
| Width of PCB substrate     | 14    | mm   |
| Length of TOP PCB ground   | 25.5  | mm   |
| Width of TOP PCB ground    | 14    | mm   |
| Length of BOT PCB ground   | 25.5  | mm   |
| Width of BOT PCB ground    | 14    | mm   |
| Width of antenna trace     | 0.5   | mm   |

