# 902–928 MHz 9 dBi Directional UHF RFID Panel Antenna

## 1：Product pictures

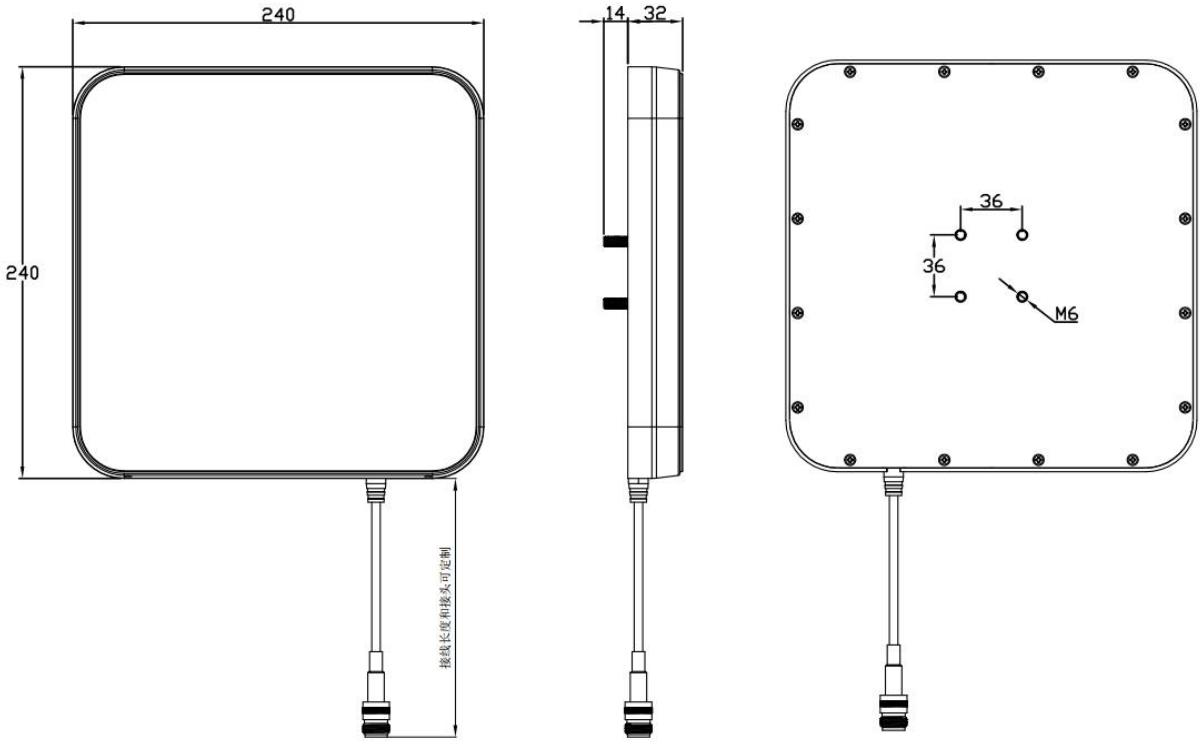


## 2：Product Specifications

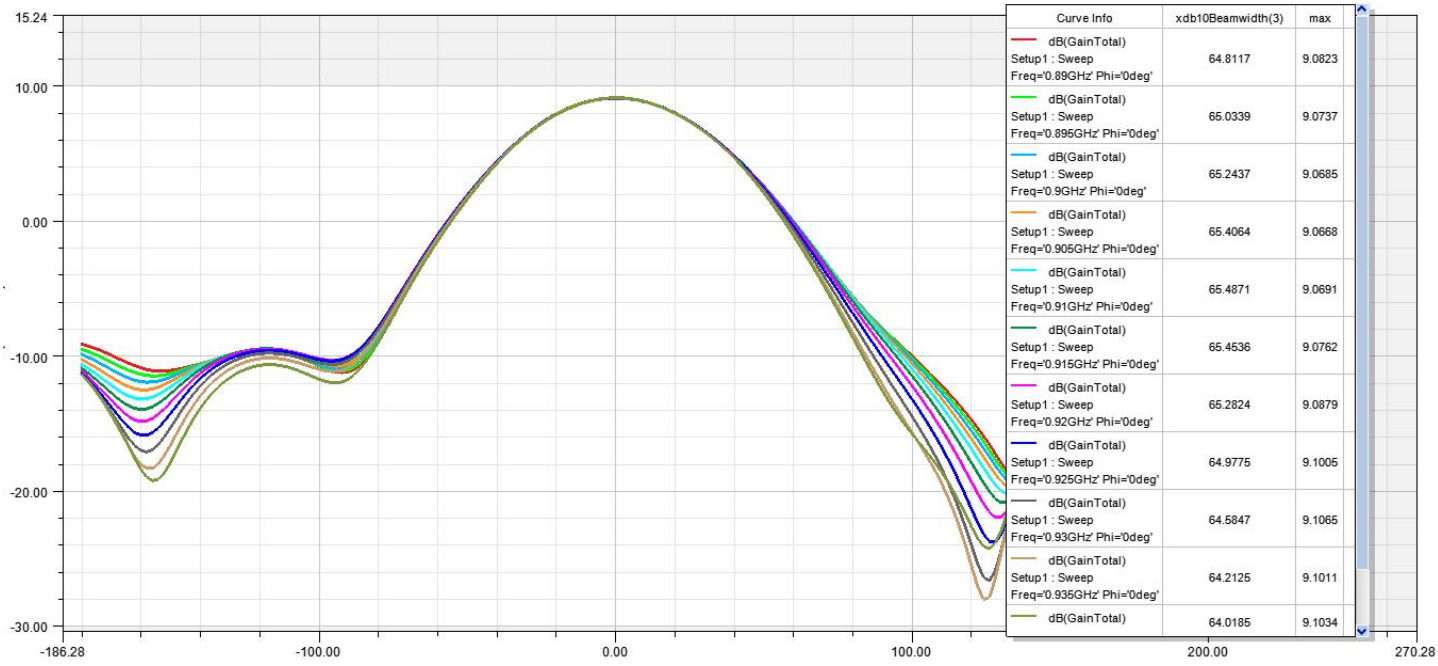
| **Model** | **ZS-C915-240** |
|---|---|
| **Electrical Specifications** | |
| Frequency Range(MHz) | 902-928Mhz（Optional 865–868 MHz） |
| Gain(dBi) | 9dBi |
| Beam Width(°) | Hor：68±3　Ver：68±3 |
| VSWR | ≤1.4 (below 1.3 for US/European standards) |
| Impedance(Ω) | 50 |
| Polarization | Circular polarization |
| axial ratio(dB) | ≤3 |
| MAX.Power(W) | 50 |
| Lightning protection | DC grounding |

| **机械性能 Mechanical Specifications** | |
|---|---|
| Connector | N-Female |
| Connector position | Extend 30cm from the side |
| Dimension(mm) | 240*240*32mm |
| Antenna weight(kg) | 0.72 (Excluding stand) |
| Reflector material | Aluminum |
| Radome material | ABS |
| Radome color | White |
| International Protection | IP65 |
| Operating temperature(℃) | -40～65 |
| Mounting hardware(mm) | φ40～φ75 |

## 3：product dimensions



# 4：Radiation Patterns




| Curve Info | xdb10Beamwidth(3) | max |
|---|---|---|
| dB(GainTotal) Setup1 : Sweep Freq='0.89GHz' Phi='0deg' | 64.8117 | 9.0823 |
| dB(GainTotal) Setup1 : Sweep Freq='0.895GHz' Phi='0deg' | 65.0339 | 9.0737 |
| dB(GainTotal) Setup1 : Sweep Freq='0.9GHz' Phi='0deg' | 65.2437 | 9.0685 |
| dB(GainTotal) Setup1 : Sweep Freq='0.905GHz' Phi='0deg' | 65.4064 | 9.0668 |
| dB(GainTotal) Setup1 : Sweep Freq='0.91GHz' Phi='0deg' | 65.4871 | 9.0691 |
| dB(GainTotal) Setup1 : Sweep Freq='0.915GHz' Phi='0deg' | 65.4536 | 9.0762 |
| dB(GainTotal) Setup1 : Sweep Freq='0.92GHz' Phi='0deg' | 65.2824 | 9.0879 |
| dB(GainTotal) Setup1 : Sweep Freq='0.925GHz' Phi='0deg' | 64.9775 | 9.1005 |
| dB(GainTotal) Setup1 : Sweep Freq='0.93GHz' Phi='0deg' | 64.5847 | 9.1065 |
| dB(GainTotal) Setup1 : Sweep Freq='0.935GHz' Phi='0deg' | 64.2125 | 9.1011 |
| dB(GainTotal) | 64.0185 | 9.1034 |