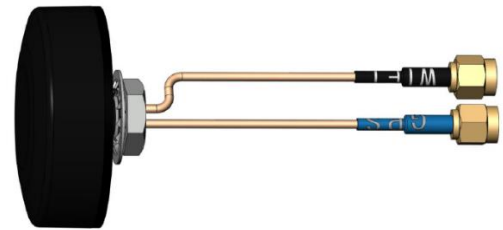




MULTIBAND GPS, WiFi DOME ANTENNA

RRDM-PB0-W2A8-W5B4-A-4616-1-X-001



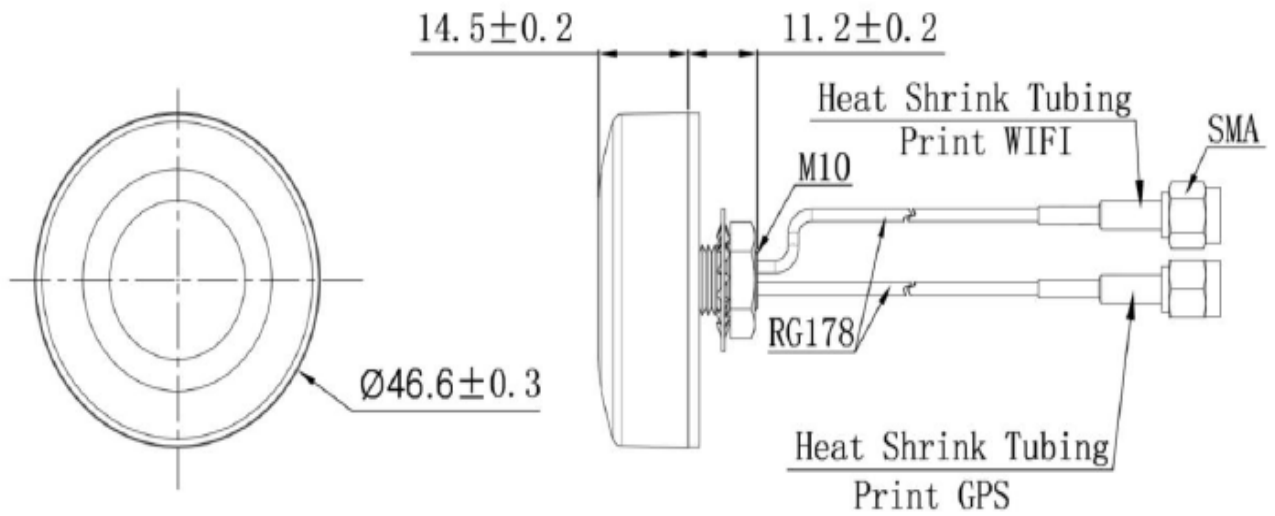
■ SPECIFICATION

| PARAMETERS | | VALUE | |
|-----------------------------|--------------------|---|---------------------|
| GPS Antenna | Dielectric Antenna | Center Frequency (CF) | 1575.42 ±3 MHz |
| | | Band Width, typ | CF±4 MHz |
| | | Polarization | RHCP |
| | | Gain | 0 dBic |
| | | VSWR, max | 1.5 |
| | | Impedance | 50 Ω |
| | LNA | Gain | 20±2 dB |
| | | VSWR, max | 2.0 |
| | | Supply Voltage | 3.3 VDC |
| WiFi Antenna | Frequency Range | 2400 MHz ~ 2483.5 MHz | 4800 MHz ~ 5825 MHz |
| | VSWR, max | 2.5 | |
| | Polarization | Linear | |
| | Gain | 2 dBi | |
| | Impedance | 50 Ω | |
| Connector | | SMA | |
| Radome Material | | ABS | |
| Mounting Method | | Screw | |
| Operating Temperature Range | | -40 °C ~ +85 °C | |
| Relative Humidity | | Up to 95% | |
| Ingress Protection | | IP65~IP67 | |
| Vibration | | 10 to 55 Hz with 1.5mm amplitude 2hours | |



**MULTIBAND GPS,
WiFi DOME ANTENNA
RRDM-PB0-W2A8-W5B4-A-4616-1-X-001**

■ MECHANICAL SPECIFICATION



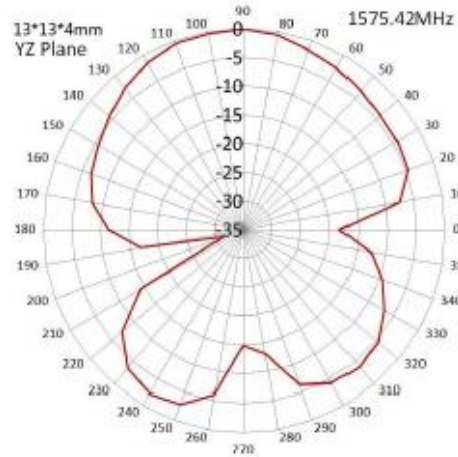
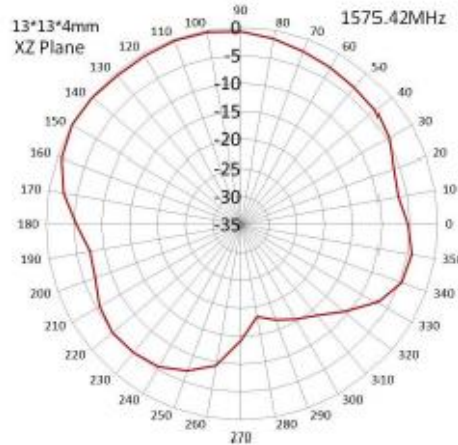
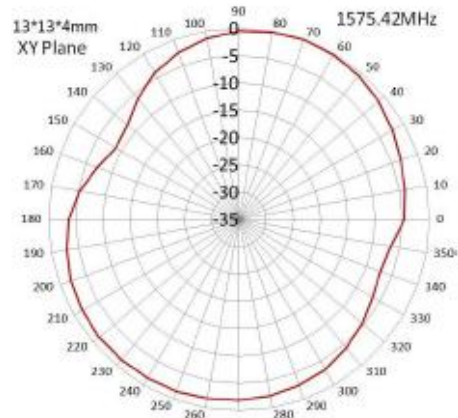
Unit:mm



MULTIBAND GPS, WiFi DOME ANTENNA RRDM-PB0-W2A8-W5B4-A-4616-1-X-001

RADIATION PATTERN

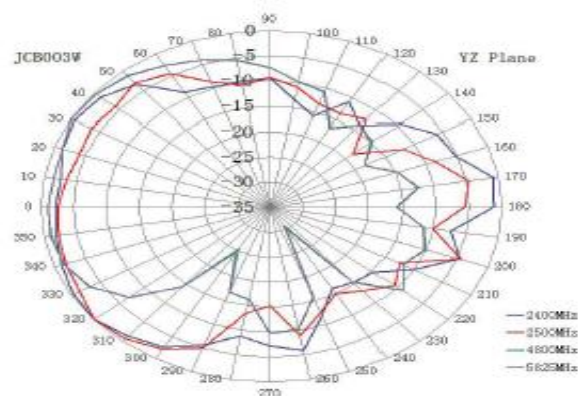
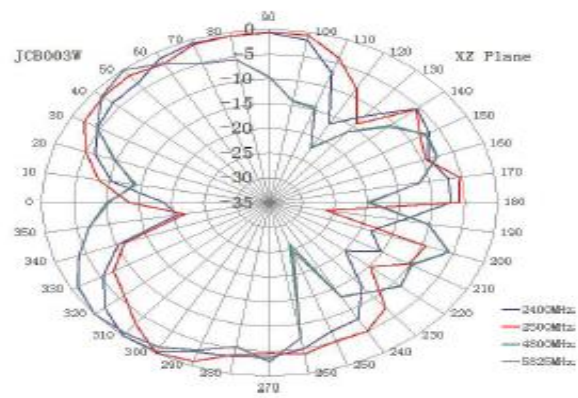
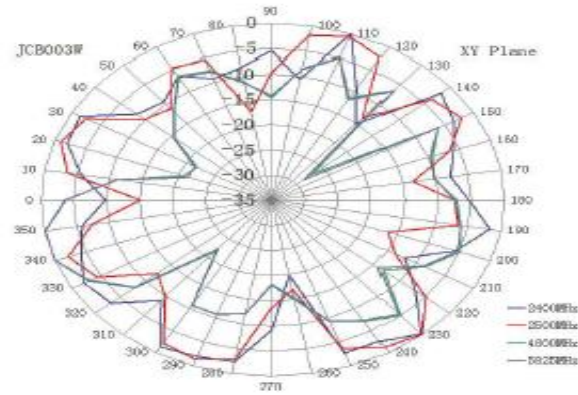
GPS Antenna





MULTIBAND GPS, WiFi DOME ANTENNA RRDM-PB0-W2A8-W5B4-A-4616-1-X-001

WiFi Antenna



■ APPROVAL

| RS PRO | |
|--------------|--------------------|
| DRAWN BY: | AR, May 29, 2018 |
| APPROVED BY: | CP, May 29, 2018 |
| REVISION: | A, Initial Release |