

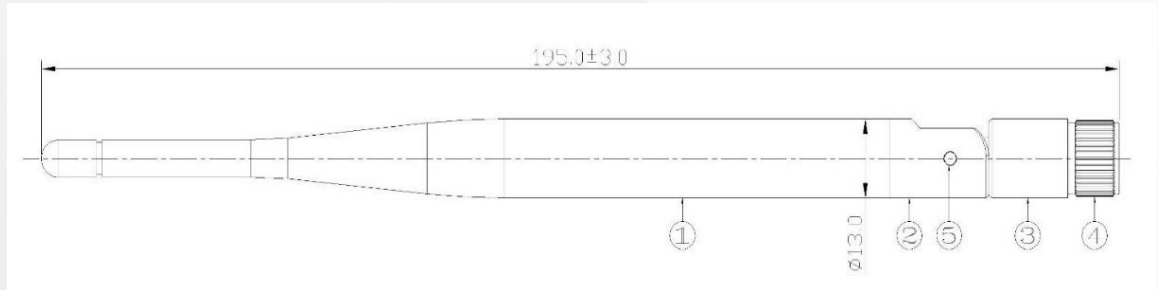
868-915MHz Antenna

Electrical Characteristics: 2.4dBi gain and low VSWR.

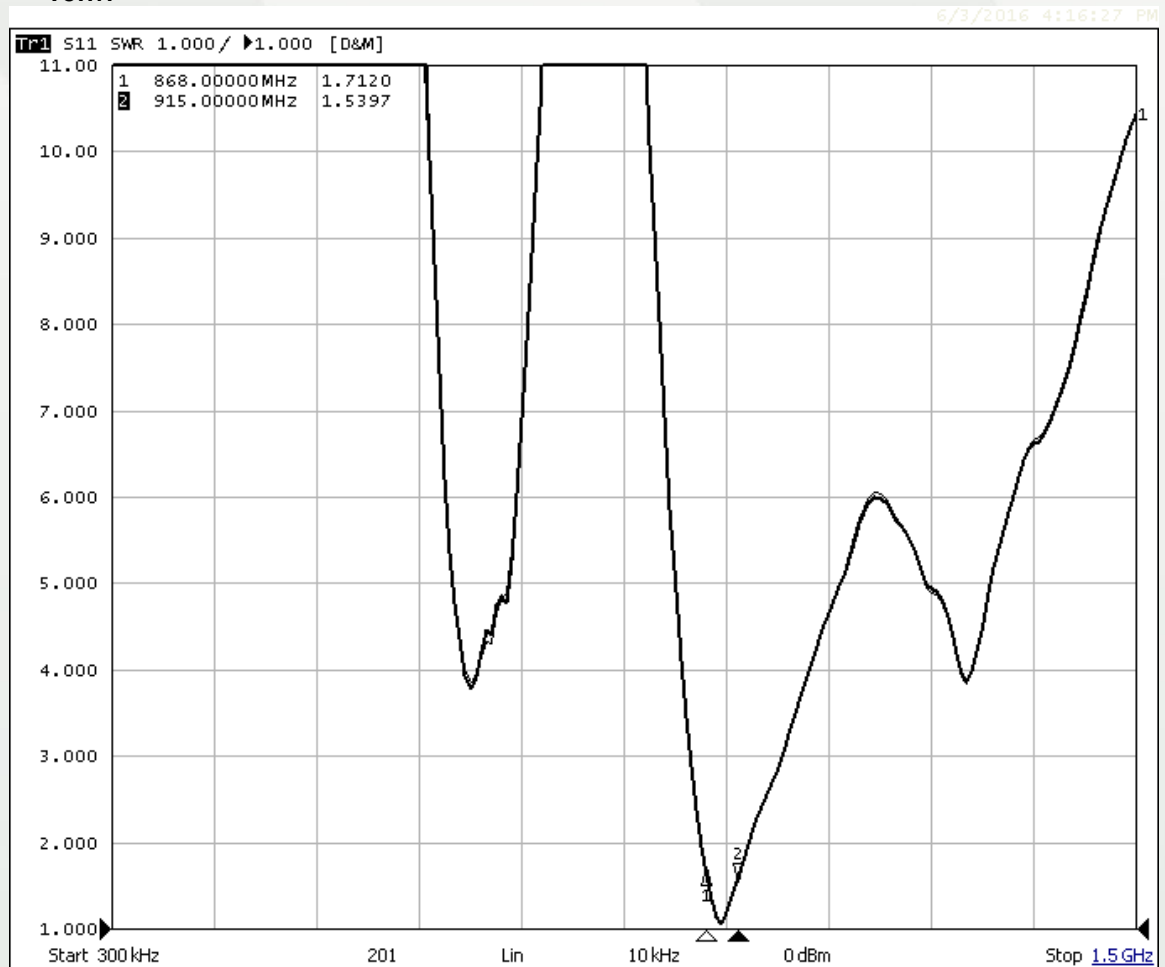
电气性能: 2.4dBi增益, 低驻波

Mechanical Properties: SMA Connector (U.FL compatible), $\phi 13.0 \times 195\text{mm}$, REACH&RoHS Compliant

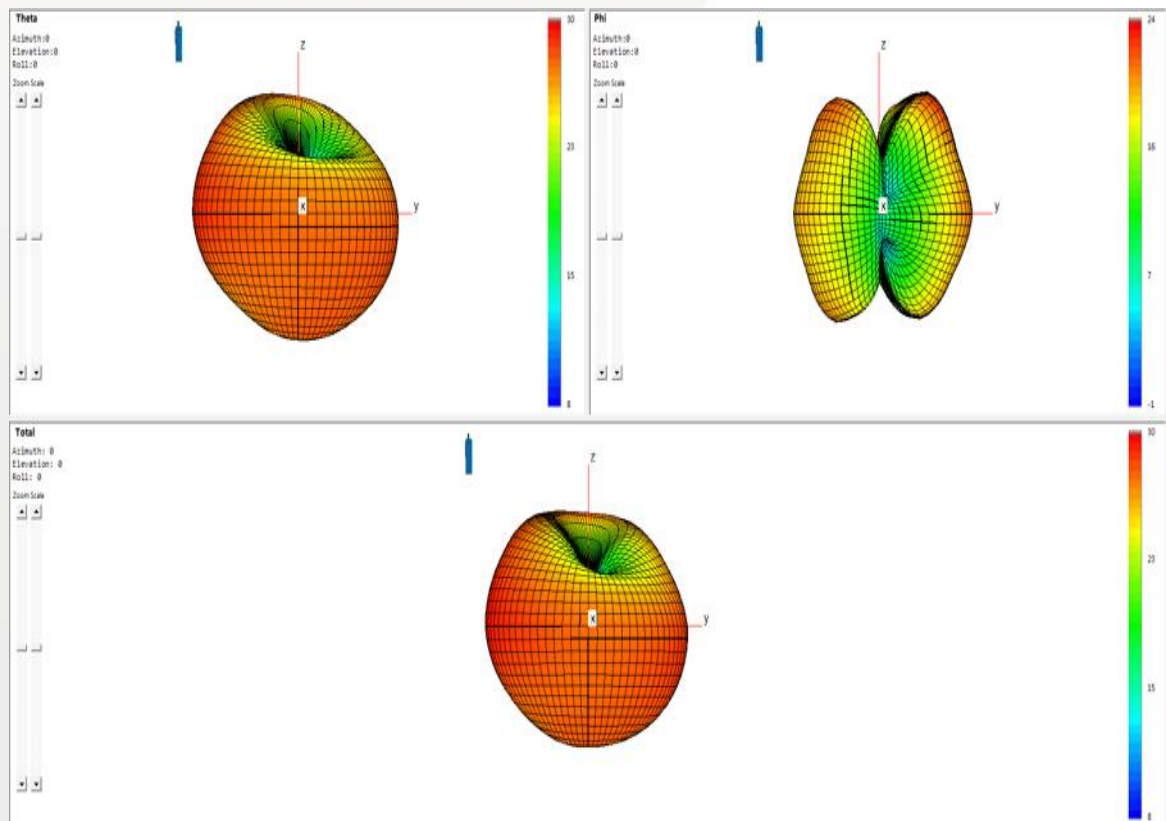
机械特性: SMA连接, 尺寸 $\phi 13.0 \times 195\text{mm}$, 达到RoHS标准



VSWR



3D图



Fre	855	865	870	875	880	885	890	895
Gain	1.73	1.96	1.98	2.08	2.14	2.3	2.63	2.42
Efficiency_Pcent	55.21	58.08	56.79	59.01	62.03	64.82	67.84	67.04
Fre	900	905	910	915	920	925		
Gain	2.36	2.4	2.15	1.97	1.88	1.57		
Efficiency_Pcent	57.38	60.35	62.63	64.22	60.78	57.07		

Basic Characteristics (基本特性)

Frequency:Range (频率范围): 868-915MHz

Antenna Part Number (天线编号): M2M.0010-R0A

Electrical Characteristics (电性能指标)

Gain (增益): 2.4dBi@900MHz

MAX VSWR (最大驻波值) $\leq 1.3:1$ @900MHz

Polarization (极化方式): Linear Polarization (线极化)

Efficiency (效率): $>60\%$ @900MHz

Input Impedance (输入阻抗): 50 Ohms

Physical Characteristics (物理特性)

Mechanical Size (机械尺寸) $\phi 13.00 \times 195.00\text{mm}$

Antenna Material (天线材质): PCB

Antenna Connection (天线连接): Coaxial line+PCB+SMA

Weight(重量): 200g

Color (颜色): Black

Operating Temperature (工作温度): $-40^{\circ}\text{C} \sim +85^{\circ}\text{C}$

Myantenna Ltd is a worldwide antennas and tags solution provider. With over 10 years of hands-on experience on every aspects of antennas and tags design, we offer complete antenna design capability from concept, prototyping, and production to tests. We understand that antennas have vastly different requirements for different applications; we have the know-how on material selection and design methods to meet different requirements for different needs. We are well equipped for new antenna development including innovative antenna, NFC coil, RFID tags, active antennas and MIMO arrays in the wireless devices areas. For any enquiries please email us via nfc@imyantenna.com or phone us +86-755-86503881.