

ISM External Antennas

Product Number: AT433M-08060-1.5BT

1. Picture



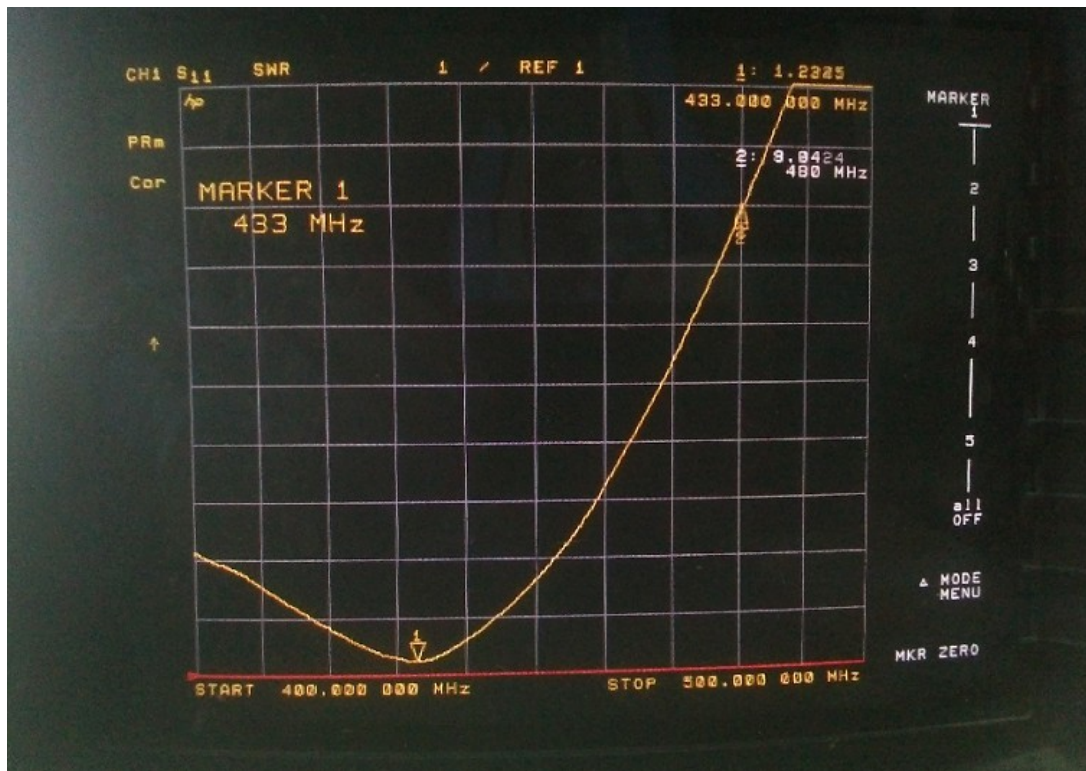
2. Product Features

- 2.1 The antenna is made of carbon steel
- 2.2 Plastic anti-aging ABS, with long service life
- 2.3 SMA connectors have a long service life and are not easily oxidized
- 2.4 Wide bandwidth, low VSWR, good matching
- 2.5 Beautiful appearance of small and compact, easy installation, stable signal

3. Product Specification

Description : 433MHz Antenna ,Terminal Mount		P/N : AT433M-08060-1.5BT	
Electrical specifications		Physical Properties	
Frequency Range	433 MHz	Length (mm)	60.25mm
Impedance	50Ω	Connector	SMA-J , Male
VSWR	<2.0	Radome Material	ABS
Gain	≥1.5dBi	Radome Color	Black
Polarization	Linear	Working Temperature	-40°C -+85°C
Radiation	Omnidirectional	Storage Temperature	-40°C -+85°C
Power	10W		

4. VSWR



5. Drawing

NO.	NAME	Description	Q' TY	Part No.	圖法	公差	ANGULAR	品名規格 (PRODUCT NAME)	SMA(VW)-GSM 橡胶天线
4	弹簧射线	0.5*1.37-BRASS	1	1701-0006	0-1	±0.3	±0.1	料	号 (PART NAME)
3	橡胶杆套	50mm-TPPE-黑色	1	1201-0022	1-10	±0.5	±0.8	客户料号 (CIS PART NAME)	
2			1	1101-0050	11-30	±1.0	±2.0	绘	图 (DRAW)
1	S M A	5.4直公头+橡胶	1		101-300	±1.0	±2.0	审核 (CHECK)	版本 (REV)
					301~	±2.0	±1*	审核 (CHECK)	日期 (DATE)
					ANGULAR			核准 (APP.)	页码 (PAGE)
								JERL R	1/1

Technical drawing showing dimensions for the SMA connector assembly. Key dimensions include: 16.7 (total length), 8.5 (thread length), 13.3 (total length), 6.7 (thread length), 8.0 (thread length), 8.0 (thread length), 6.7 (thread length), 8.0 (thread length), 4.0 (thread length), 6.0 (thread length). A callout '焊接孔部位' points to the welding hole area.

Technical drawing showing dimensions for the SMA connector assembly. Key dimensions include: 50.35 (total length), 16.6 (thread length). A callout 'SMA 内螺纹公针' points to the SMA internal thread pin.

备注:

- 1.橡胶外套不可有刮伤不良现象
- 2.接头电镀良好, 产品导通OK
- 3.未标注尺寸以正负0.3为准

FREQUENCY RANGE :	433 MHZ
Gain :	1.5dBi
SWR :	<2.0
Polarization :	Linear, Vertical
Impedance	50 OHM

REV	DATE	DESCRIPTION	NAME
A1			
A2			