

7. Antenna

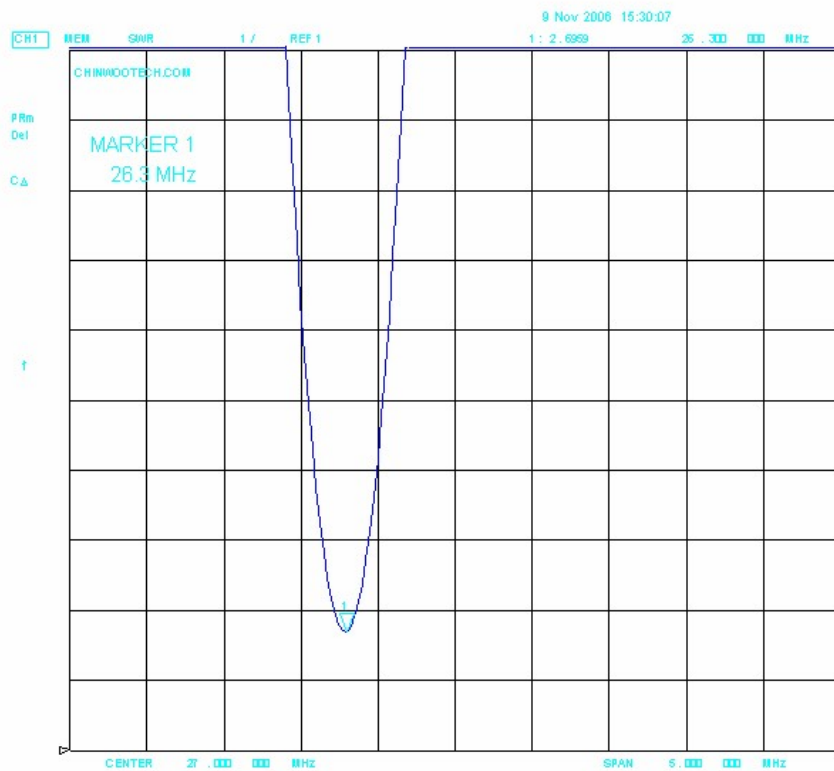
7.1 ANT performance data

Electrical specification	
Antenna Type	Helical Antenna
Frequency Range	27 MHz Band
Gain (dBi)	-5±0.5
Impedance	50 Ohm
VSWR	Less than 1 : 3.0 (at 26.3MHz)
ANT Radiation Pattern	Omni-Directional
ANT Polarization	Vertical

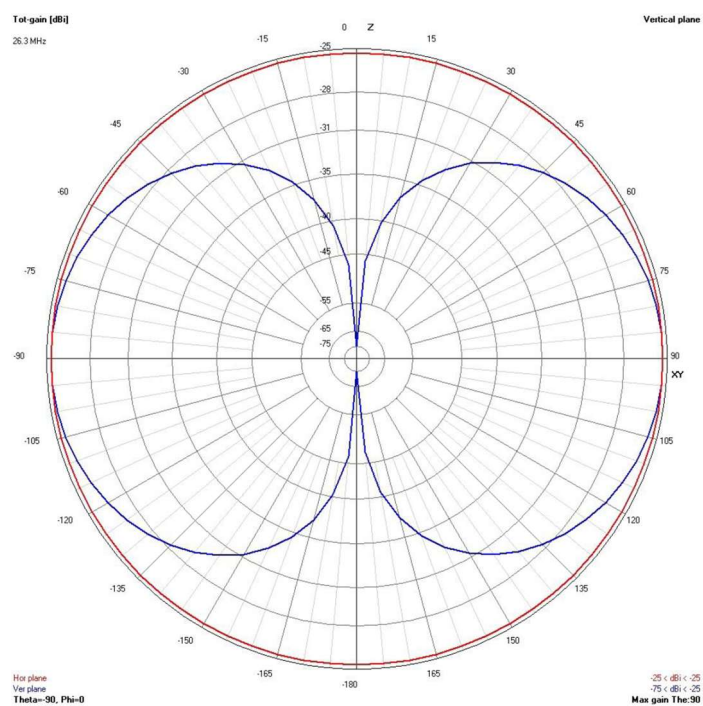
7.2 ANT Mechanical Specifications

Element	Φ 0.18 Cu
Connector Type	Stud (M6x0.75)
Bobbin	PA 66
Sleeve	TPE (Black)
Weight	13g
Length	80 mm
Operation Temperature	-30°C ~ +70°C

7.3 VSWR



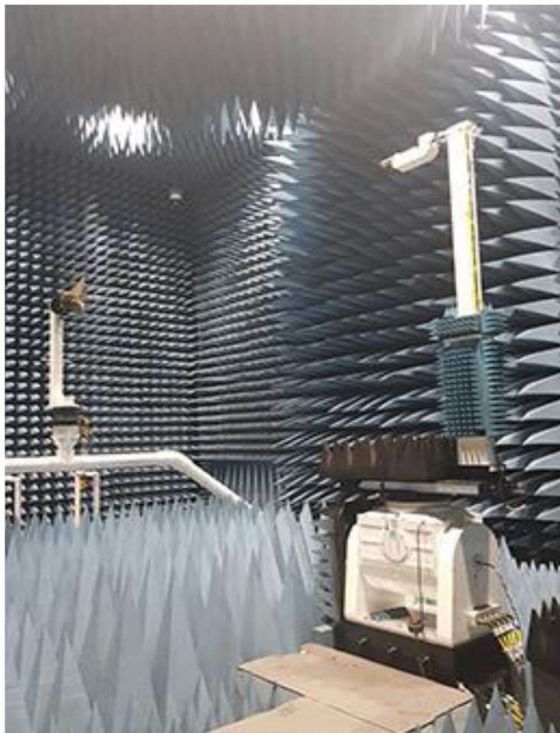
7.4 Radiation Pattern & Gain



7.5 Measurement Equipment



Vector Networks Analyzer (HP/Agilent 8753ES)



Anechoic Chamber(AMS-8500)

7.6 ANT Dimension

