

AMC-ANTGPSAP15X4

Internal GPS Antenna

15MM x 15MM x 4 MM MINIATURE GPS ANTENNA MODULE

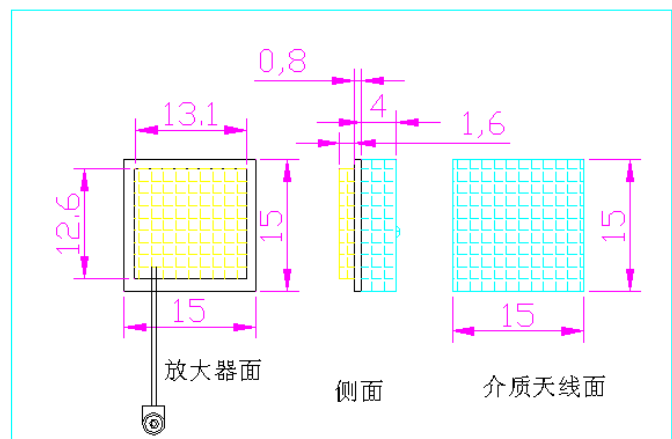
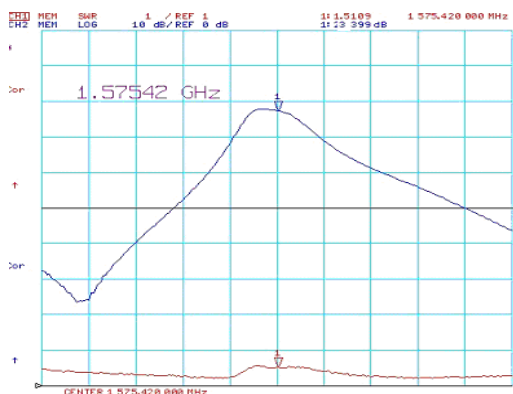
INTRODUCTION

The AMC-ANTGPSAP15X4 active antenna module is a small GPS antenna solution featuring low current draw and high gain. This module is intended to be embedded and can be supplied in various cable lengths and RF connectors such as the U.FL and W.FL types.

Structure and Material

Part Number	AMC-ANTGPSAP15X4
Cable Type	1.13mm Sub-Miniature Teflon
Cable Length	Customer Specified (50mm to 300mm)

Frequency:	1575.42MHz
LNA Gain (at 3.3V):	18dB nominal
Supply Voltage:	3.3V
Supply Current:	15mA (Max.)
Impedance:	50Ω
Noise Figure:	1.8dB



Physical Data

Gross Dimensions:	15mm x 15mm x 6 (overall).
Mounting:	None
Operating Temp:	-20°C to +65°C
Cable length:	Customer Specified
Connector type:	Customer Specified (usually U.FL or W.FL)