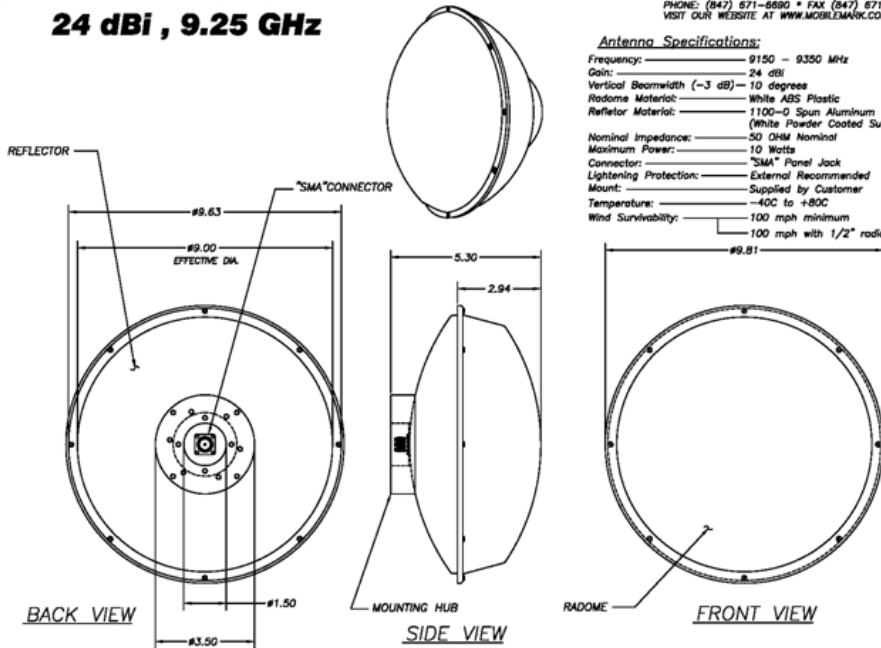


**PA24-9250**  
**9" DIA. PARABOLIC ANTENNA**  
**24 dBi , 9.25 GHz**

**MOBILE MARK<sup>®</sup>**  
**COMMUNICATIONS ANTENNAS**  
 3900-B RIVER ROAD, SCHILLER PARK, IL 60176  
 PHONE: (847) 671-8880 • FAX (847) 671-6715  
 VISIT OUR WEBSITE AT [WWW.MOBILEMARK.COM](http://WWW.MOBILEMARK.COM)

**Antenna Specifications:**

Frequency: 9150 - 9350 MHz  
 Gain: 24 dBi  
 Vertical Beamwidth (-3 dB) - 10 degrees  
 Radome Material: White ABS Plastic  
 Reflector Material: 1100-O Spun Aluminum  
 (White Powder Coated Surface)  
 Nominal Impedance: 50 Ohm Nominal  
 Maximum Power: 10 Watts  
 Connector: "SMA" Panel Jack  
 Lightning Protection: External Recommended  
 Mount: Supplied by Customer  
 Temperature: -40C to +80C  
 Wind Survivability: 100 mph minimum  
 100 mph with 1/2" radial ice



**PA24-9250**

Date: 6/27/2011

Drawn By:

Approved:

Sub Title:

Job #:

Dwg. #:

Rev. #:

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Dwg. Descrip.: 9" DIA. PARABOLIC ANTENNA

Sheet: 1

1 Sheets

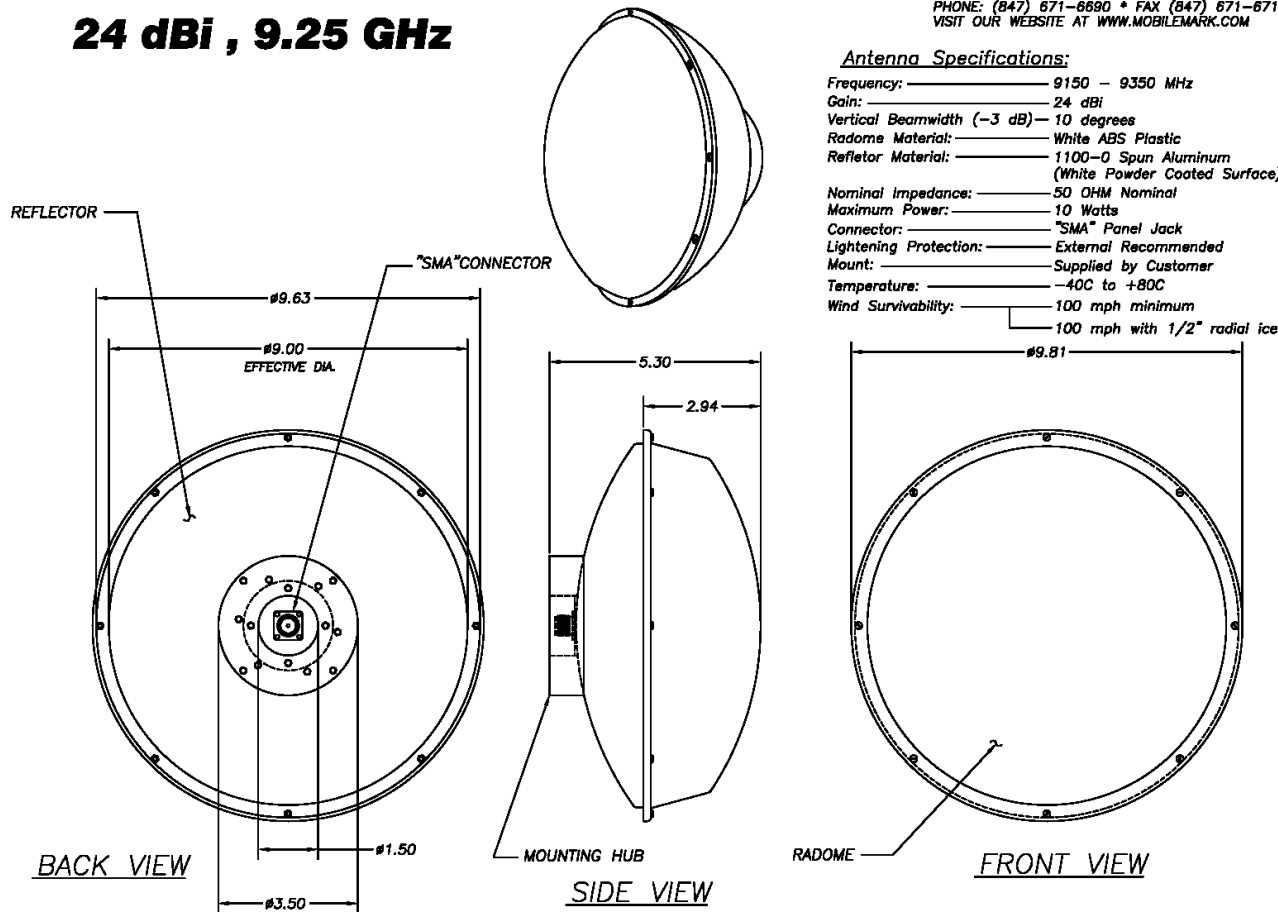
# **PA24-9250** **9" DIA. PARABOLIC ANTENNA** **24 dBi , 9.25 GHz**

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**COMMUNICATIONS ANTENNAS**

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**PA24-9250**

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Job #:

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Dwg. Descip.: 9" DIA. PARABOLIC ANTENNA

Sheet: 1

1 Sheets

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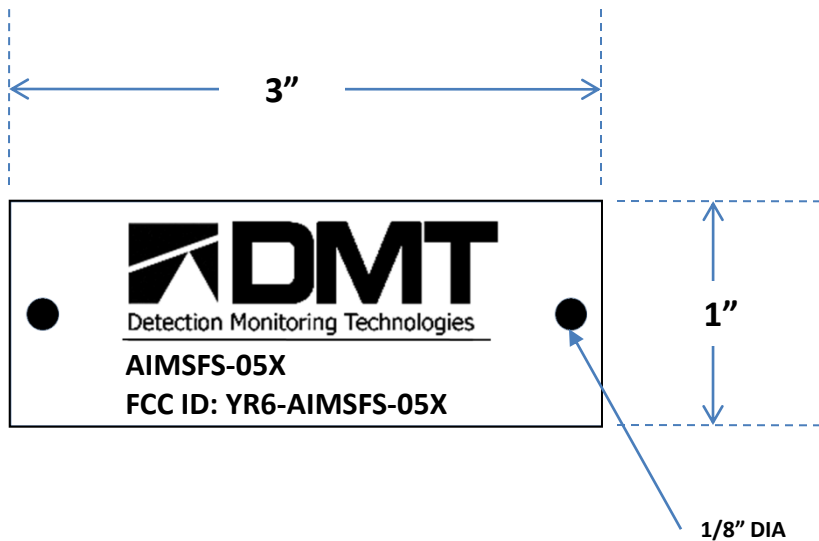
D

E

F

G

H

**AIMSFS-05X FCC ID LABEL**

Date: 6/27/2011

Drawn By:

Approved:

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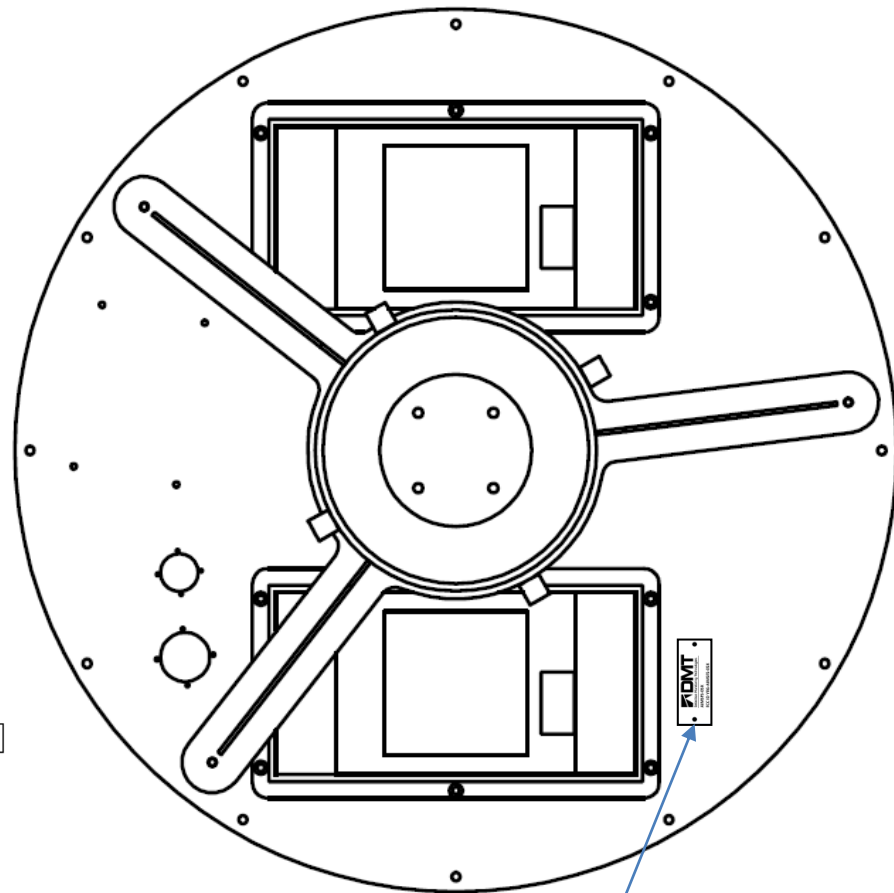
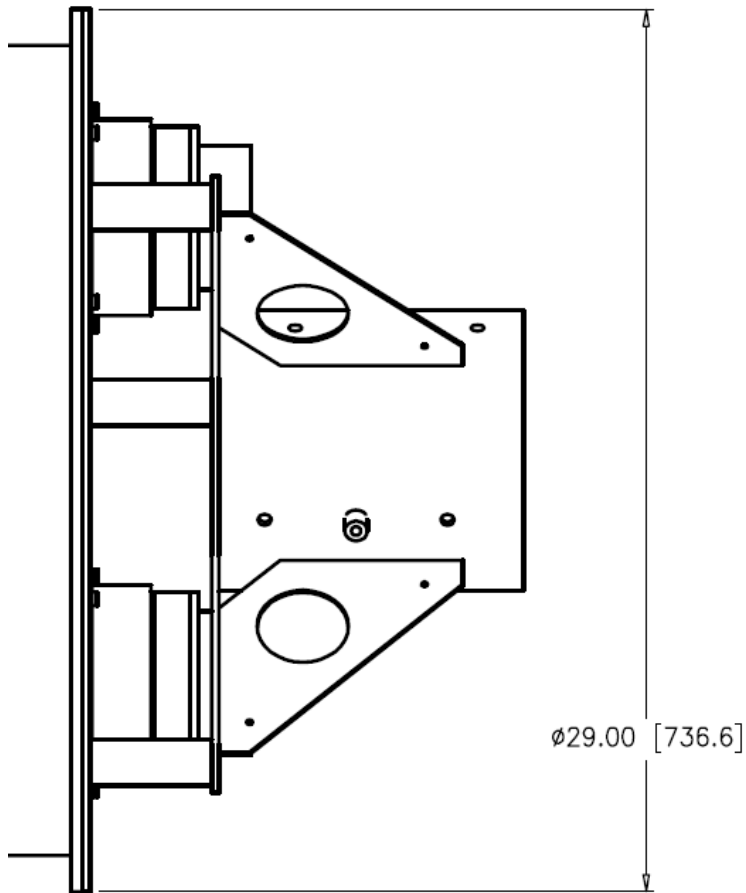
Dwg. #:

Rev. #:

Dwg. Descrip.:

Sheet: 1

1 Sheets



LOCATION OF FCC ID LABEL  
(BOTTOM OF BASEPLATE)



# AIMSFS-05X FCC ID LABEL LOCATION

Date: 6/27/2011

Drawn By:

Approved:

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Job #:

Dwg. #:

Rev. #:

Dwg. Descr.:

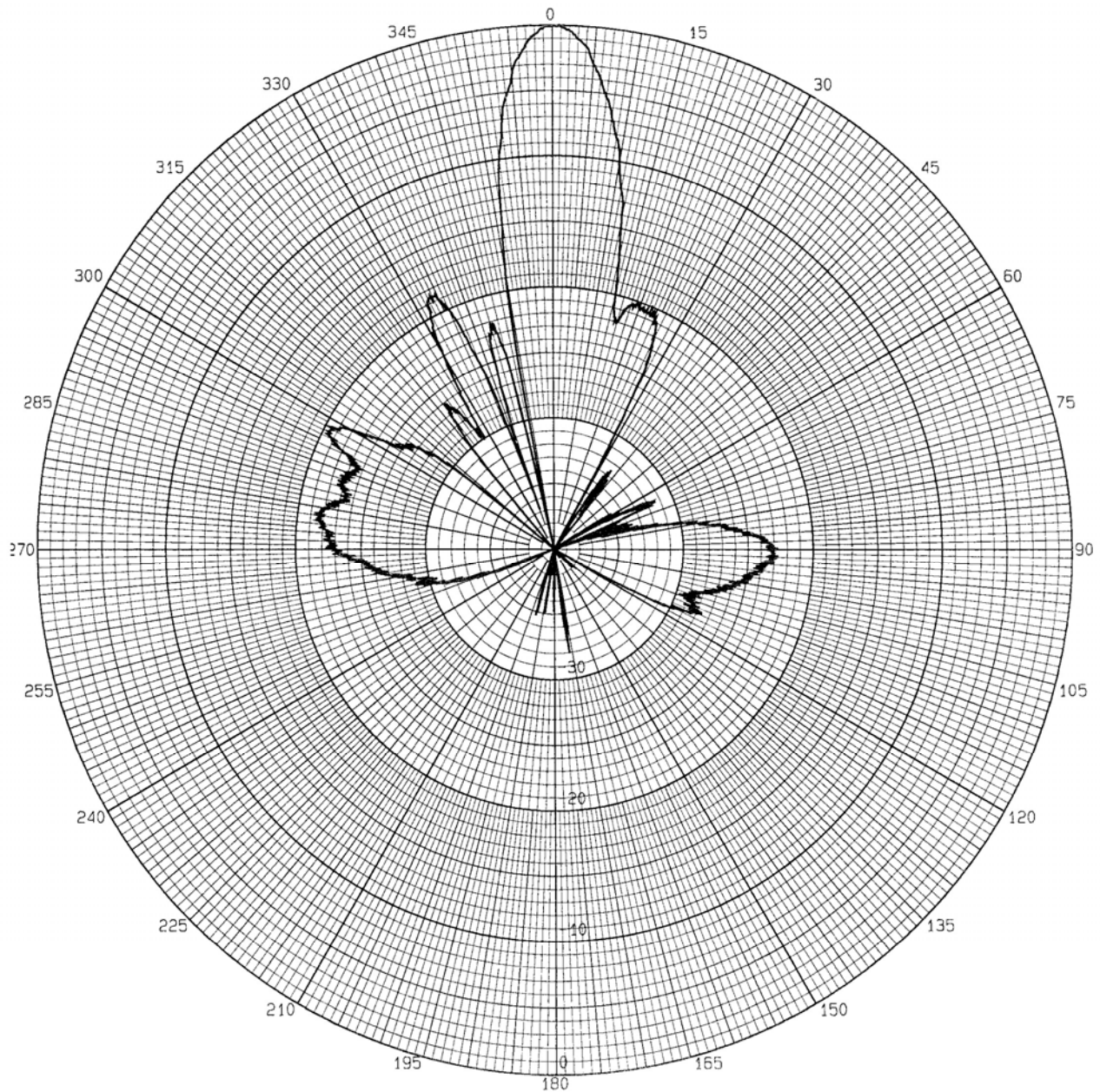
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1 Sheets

# PA24-9250

Parabolic Antenna, 9" diameter  
24 dBi, 9150-9350 MHz

PA24-9250 – Elevation Plot



Magnitude dB Vs. Elevation