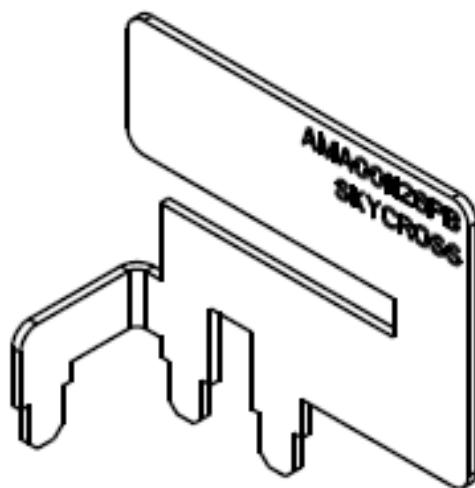


# Data Sheet

## 2.4 GHz Antenna

**SkyCross Part Number AAAD00186PB**

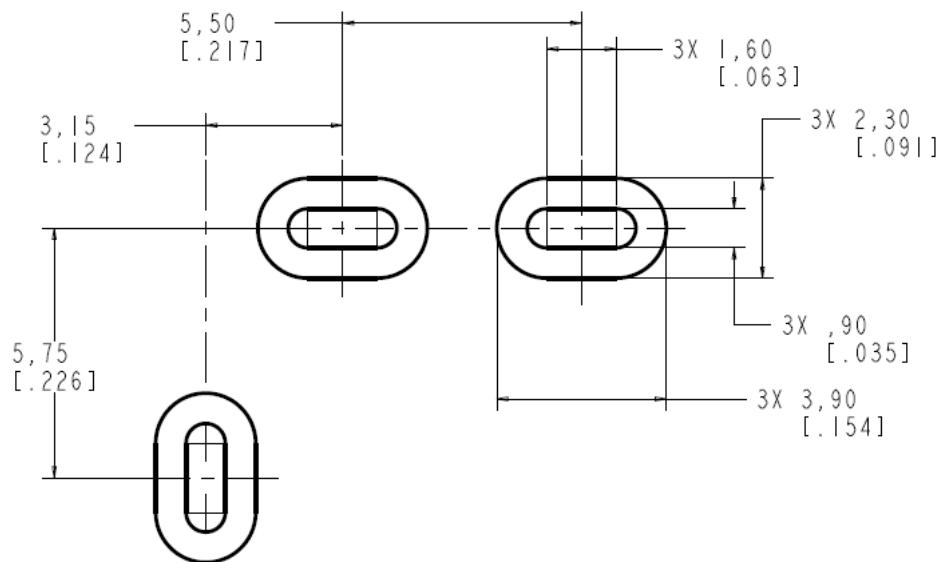


**All data presented herein are for antenna mounted on 30mm x 30mm reference pcb tested in free space**

### Antenna Specifications

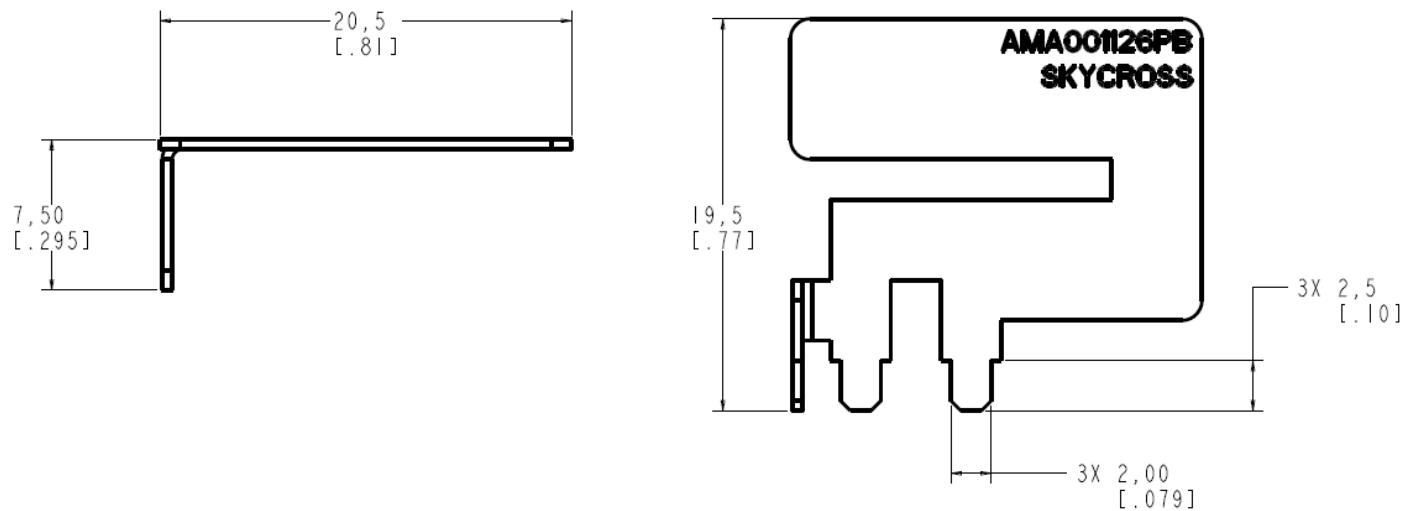
PART NUMBER	TYPE	BAND (MHz)	Efficiency	PEAK GAIN (dBi)	RETURN LOSS (dB)
AAAD00186PB	omni	2400-2500	55%	2.0	<-10

## Antenna Footprint

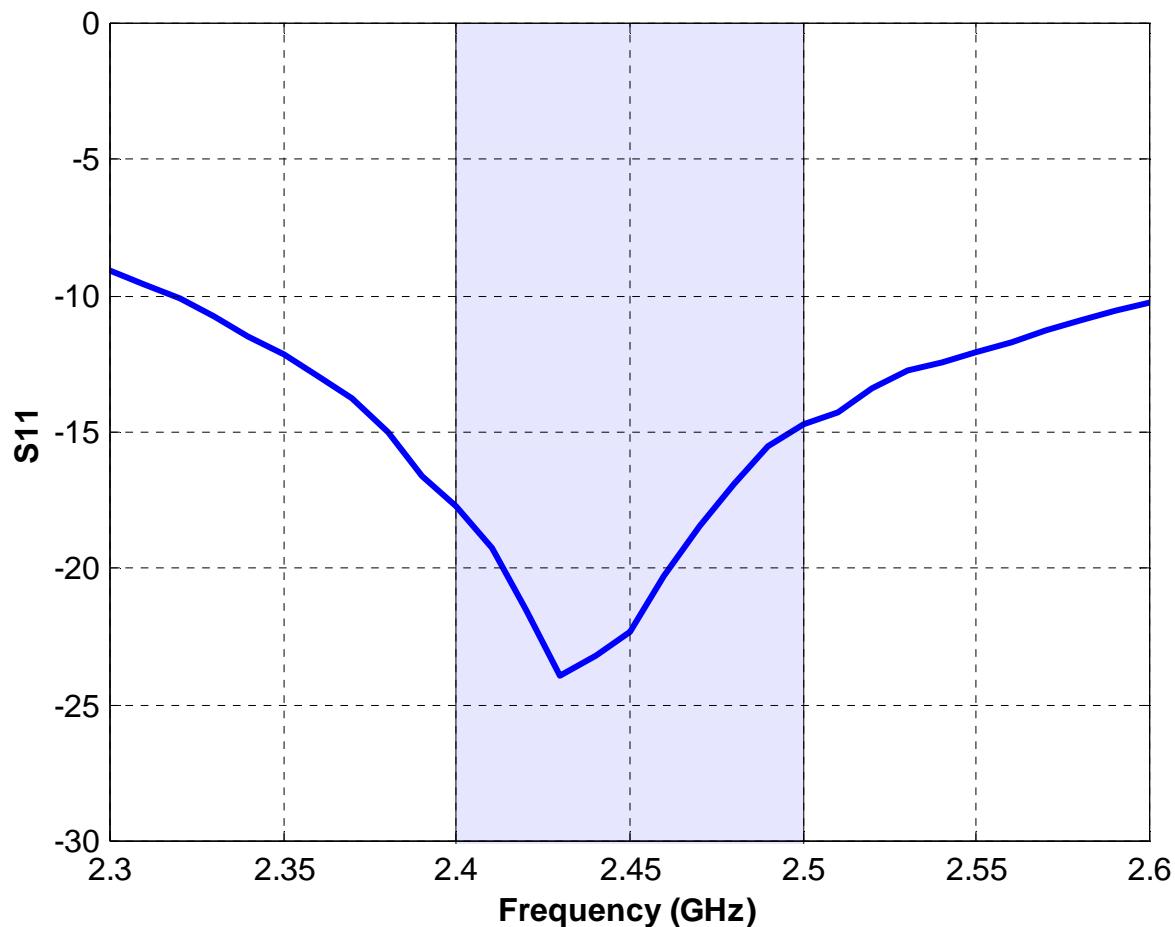


Dimensions in millimeters and [inches].

## Antenna Dimensions



Dimensions in millimeters and [inches].

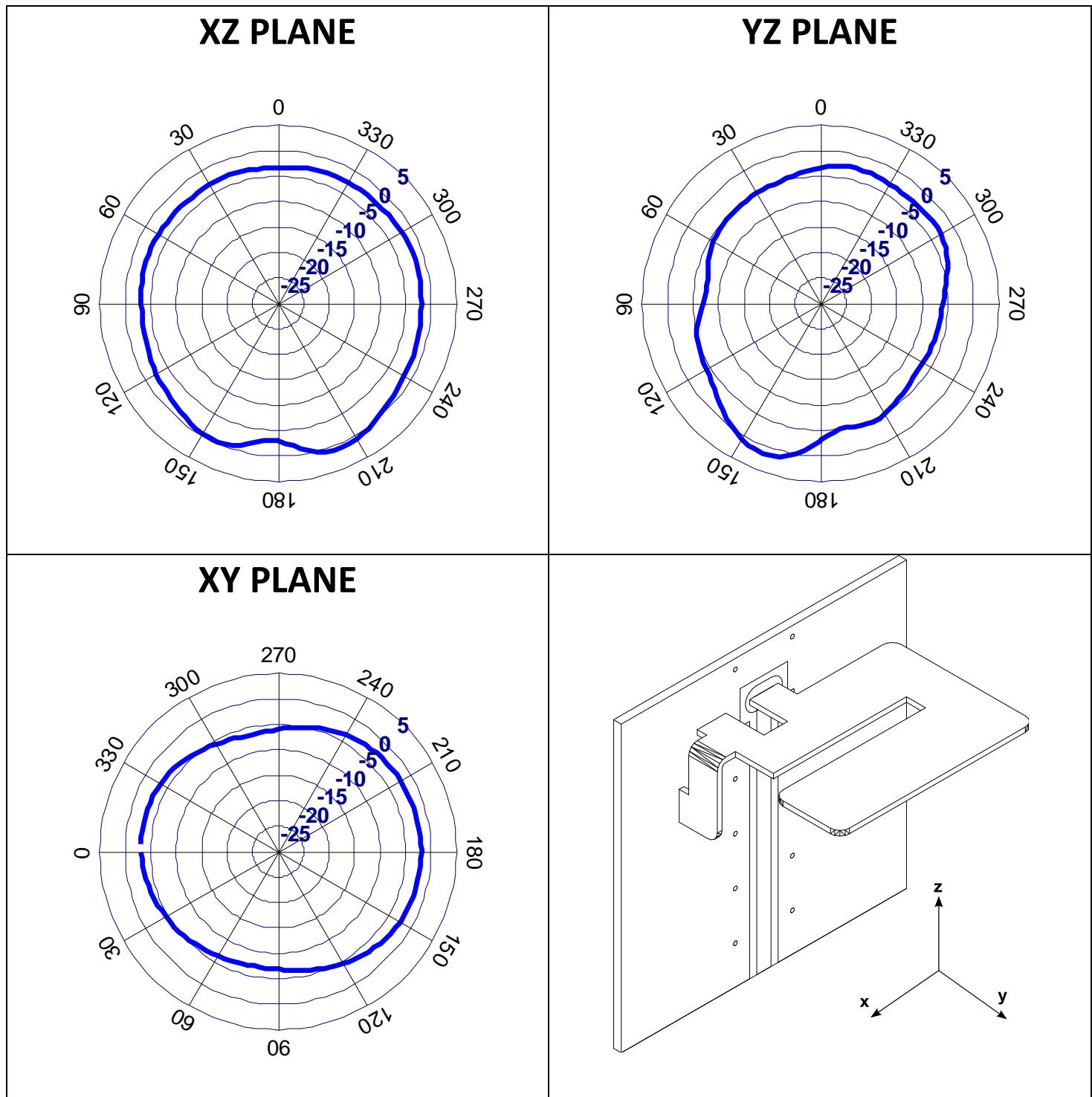
**Return Loss (Typical)**

## Peak Gain (dBi, typical)

Frequency (MHz)	Peak Gain (dBi)
2400	2.0
2410	1.9
2420	1.9
2430	1.8
2440	1.7
2450	1.6
2460	1.6
2470	1.6
2480	1.7
2490	1.8
2500	1.9

## Efficiency (typical)

Frequency (MHz)	Efficiency
2400	55%
2410	54%
2420	54%
2430	53%
2440	52%
2450	51%
2460	51%
2470	52%
2480	53%
2490	54%
2500	55%

**Gain Patterns -dBi - 2.45 GHz**


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