

COMPANY NAME:

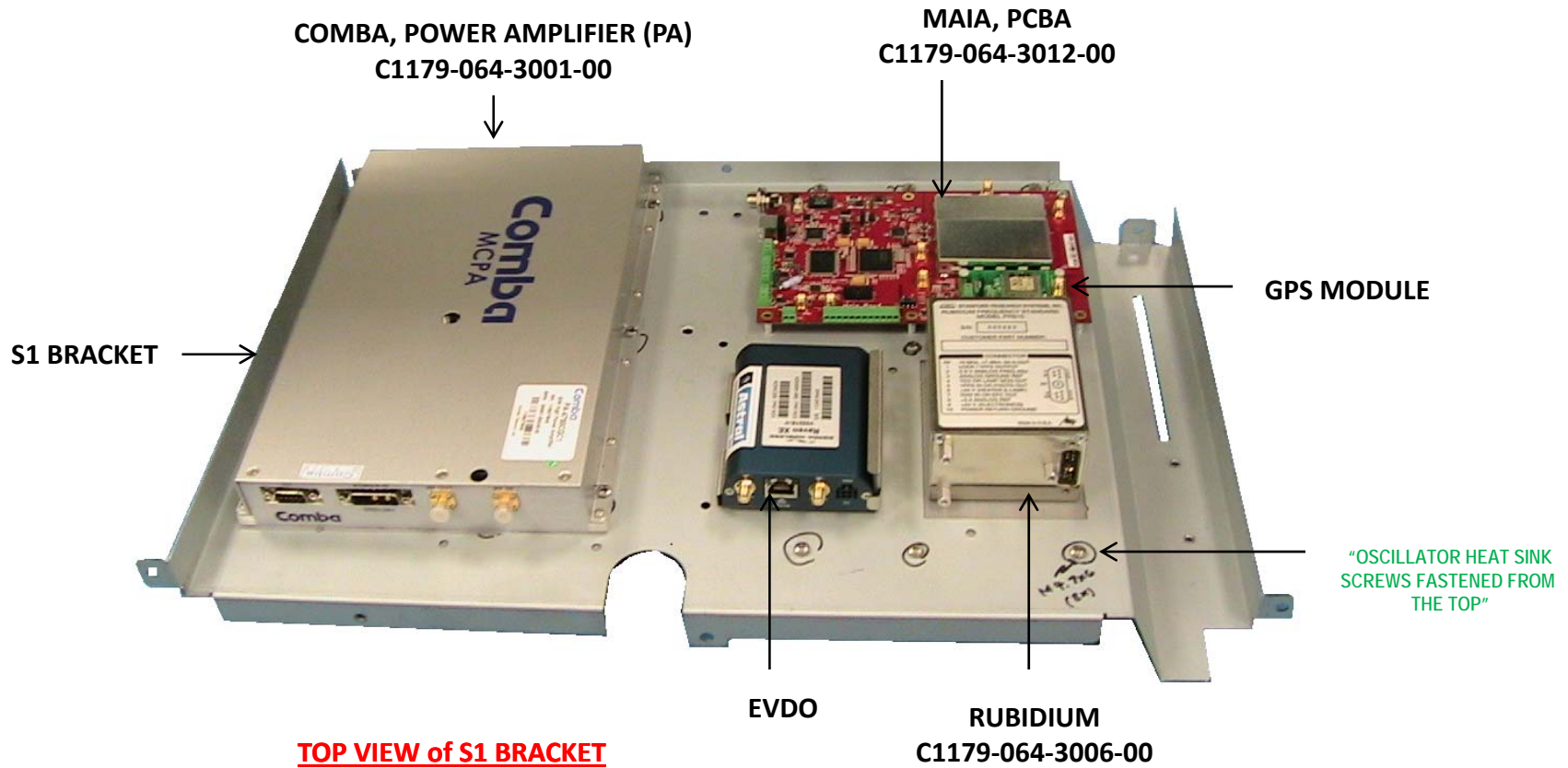


Address:  
41350 Christy Street  
Fremont, CA 94538  
Main: 510-440-0200  
Fax: 510-440-0201

**TITLE:**

**S1 BRACKET ASSEMBLY**

**NextNav, LLC**



PREPARED AND DOCUMENTED BY: Dante L. Rusgal Jr. Manufacturing Eng'g	Revision Level	DESCRIPTION OF CHANGE	Approved by:	Date	ASSY DOC NO: SCWI-086-18-FRE
	A	INITIAL DOCUMENT RELEASE	Dante	9.16.2011	

COMPANY NAME:

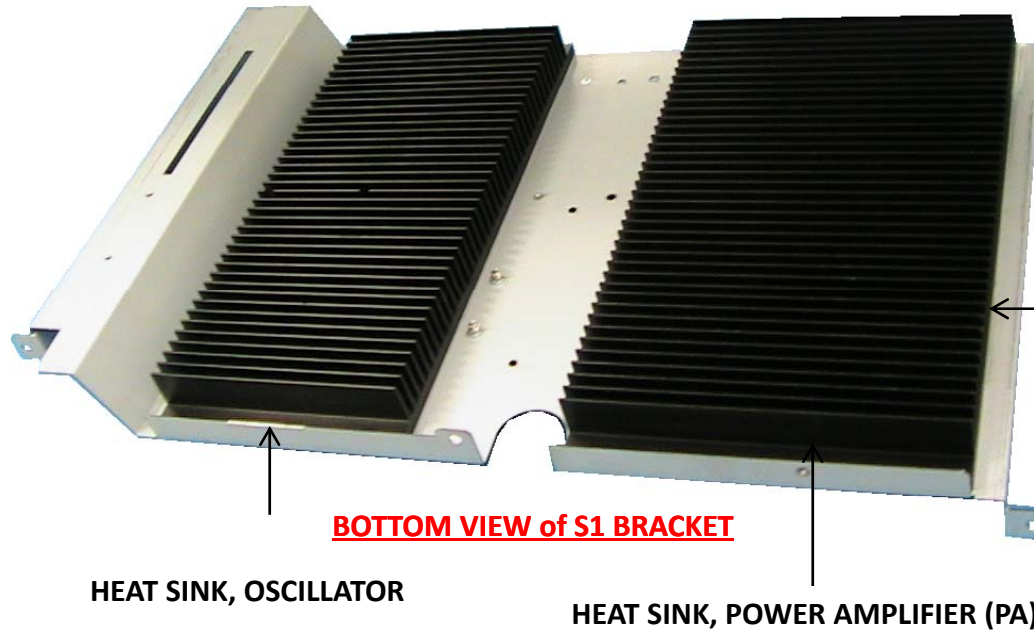


Address:  
41350 Christy Street  
Fremont, CA 94538  
Main: 510-440-0200  
Fax: 510-440-0201

**TITLE:**

**S1 BRACKET ASSEMBLY**

**NextNav, LLC**



**INSTRUCTION:**

**Align the holes of the S1 BRACKET to the 2 HEAT SINKS before fastening with screws**

PREPARED AND DOCUMENTED BY: Dante L. Rusgal Jr. Manufacturing Eng'g	Revision Level	DESCRIPTION OF CHANGE	Approved by:	Date	ASSY DOC NO: SCWI-086-18-FRE
	A	INITIAL DOCUMENT RELEASE	Dante	9.16.2011	

COMPANY NAME:



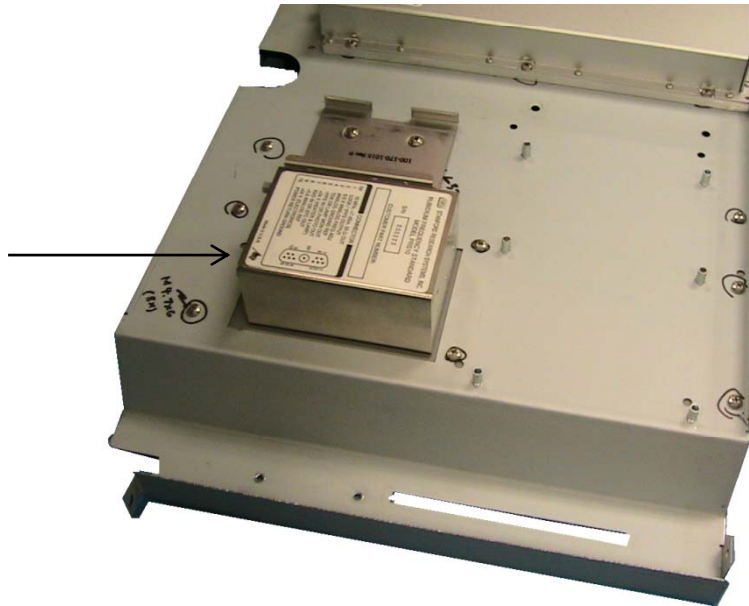
Address:  
41350 Christy Street  
Fremont, CA 94538  
Main: 510-440-0200  
Fax: 510-440-0201

**TITLE:**

**S1 BRACKET ASSEMBLY**

**NextNav, LLC**

**RUBIDIUM**  
**C1179-064-3006-00**



**INSTRUCTION:**

**Mount RUBIDIUM as shown. Note: There must be a THERMAL SHEET between the S1 bracket and surface of the HEAT SINK**

PREPARED AND DOCUMENTED BY: Dante L. Rusgal Jr. Manufacturing Eng'g	Revision Level	DESCRIPTION OF CHANGE	Approved by:	Date	ASSY DOC NO: SCWI-086-18-FRE
	A	INITIAL DOCUMENT RELEASE	Dante	9.16.2011	

COMPANY NAME:



Address:  
41350 Christy Street  
Fremont, CA 94538  
Main: 510-440-0200  
Fax: 510-440-0201

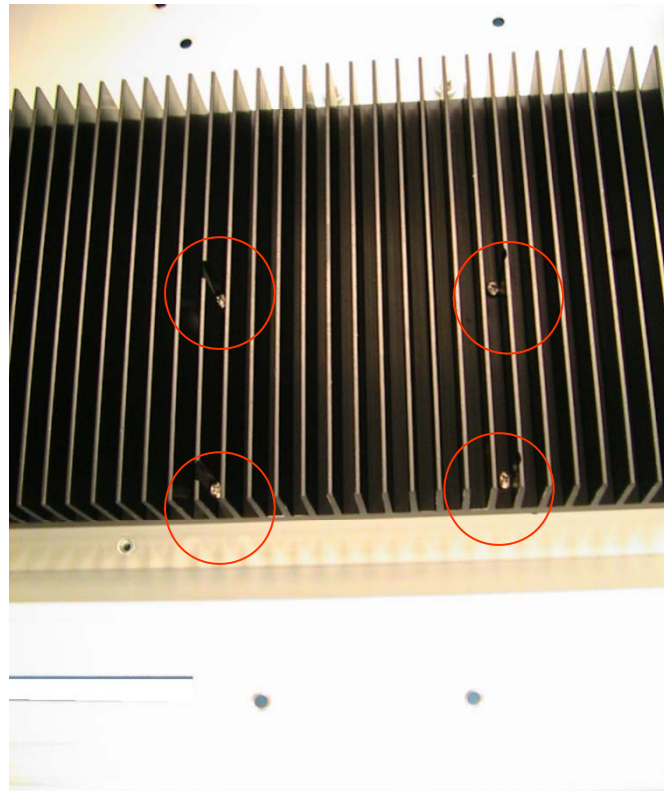
**TITLE:**

**S1 BRACKET ASSEMBLY**

**NextNav, LLC**



**SCREW, #4-40 X 1/2" PH SS (4X)**



**INSTRUCTION:**

**Fasten RUBIDIUM from the OSCILLATOR side with 4 screws as shown above**

PREPARED AND DOCUMENTED BY: Dante L. Rusgal Jr. Manufacturing Eng'g	Revision Level	DESCRIPTION OF CHANGE	Approved by:	Date	ASSY DOC NO: SCWI-086-18-FRE
	A	INITIAL DOCUMENT RELEASE	Dante	9.16.2011	

COMPANY NAME:



Address:  
41350 Christy Street  
Fremont, CA 94538  
Main: 510-440-0200  
Fax: 510-440-0201

**TITLE:**

**S1 BRACKET ASSEMBLY**

**NextNav, LLC**



**THERMAL SHEET  
C1179-038-3001-00**

**INSTRUCTION:**

**Cut THERMAL SHEET to size and lay on the S1 BRACKET (OSCILLATOR and POWER AMPLIFIER HEAT SINK) surface**

PREPARED AND DOCUMENTED BY: Dante L. Rusgal Jr. Manufacturing Eng'g	Revision Level	DESCRIPTION OF CHANGE	Approved by:	Date	ASSY DOC NO: SCWI-086-18-FRE
	A	INITIAL DOCUMENT RELEASE	Dante	9.16.2011	

COMPANY NAME:



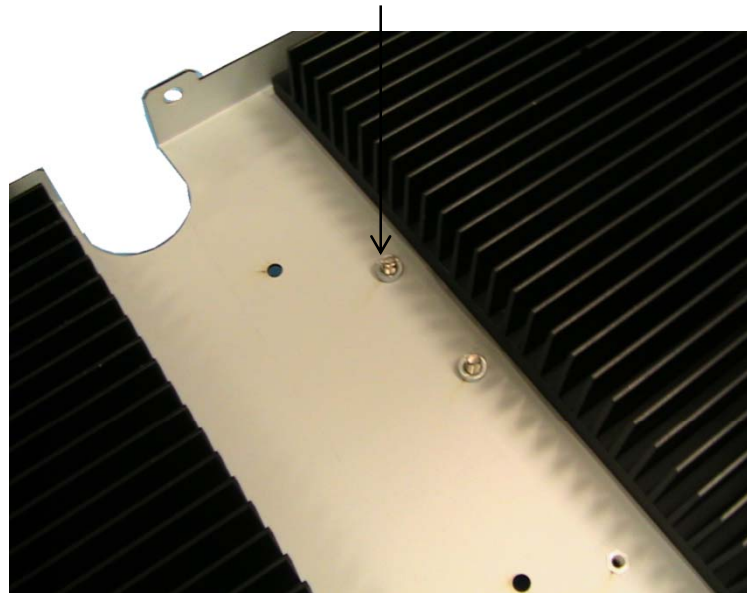
Address:  
41350 Christy Street  
Fremont, CA 94538  
Main: 510-440-0200  
Fax: 510-440-0201

**TITLE:**

**S1 BRACKET ASSEMBLY**

**NextNav, LLC**

SCREW, #10-32 X 1/4" PH SS (4X)



**INSTRUCTION:**

Fasten EVDO bracket where shown. 2 more screws are hidden and covered by the HEAT SINK

PREPARED AND DOCUMENTED BY: Dante L. Rusgal Jr. Manufacturing Eng'g	Revision Level	DESCRIPTION OF CHANGE	Approved by:	Date	ASSY DOC NO: SCWI-086-18-FRE
	A	INITIAL DOCUMENT RELEASE	Dante	9.16.2011	



COMPANY NAME:

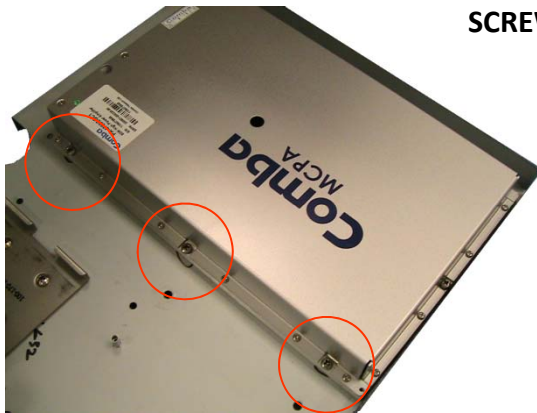


Address:  
41350 Christy Street  
Fremont, CA 94538  
Main: 510-440-0200  
Fax: 510-440-0201

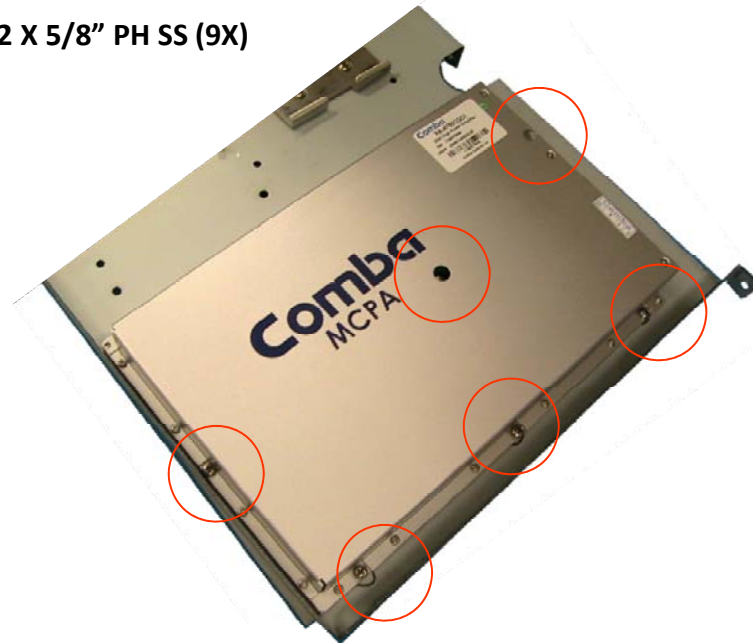
**TITLE:**

**S1 BRACKET ASSEMBLY**

**NextNav, LLC**



SCREW, #8-32 X 5/8" PH SS (9X)



**INSTRUCTION:**

Fasten POWER AMPLIFIER from the top. This will also secure and fasten the PA HEAT SINK at the bottom

PREPARED AND DOCUMENTED BY: Dante L. Rusgal Jr. Manufacturing Eng'g	Revision Level	DESCRIPTION OF CHANGE	Approved by:	Date	ASSY DOC NO: SCWI-086-18-FRE
	A	INITIAL DOCUMENT RELEASE	Dante	9.16.2011	

COMPANY NAME:



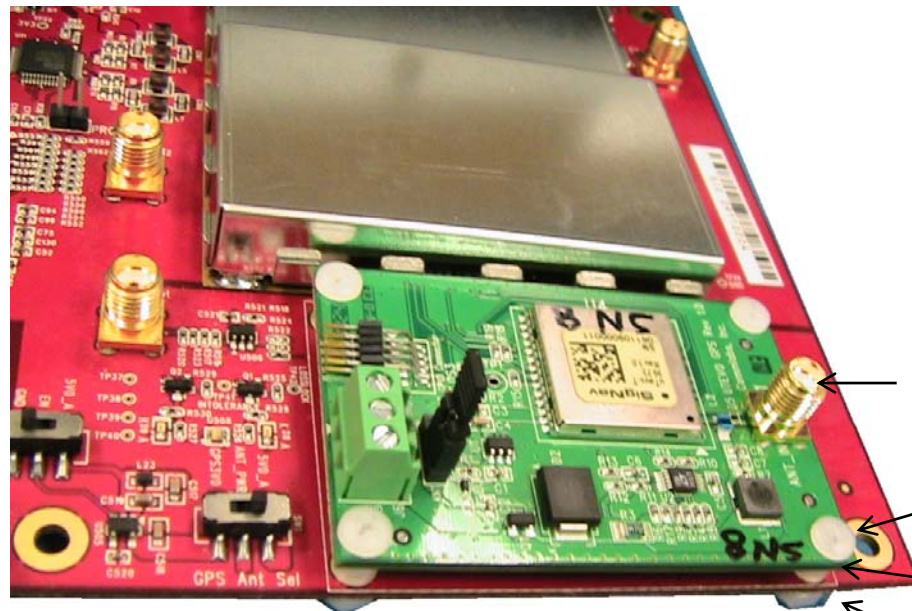
Address:  
41350 Christy Street  
Fremont, CA 94538  
Main: 510-440-0200  
Fax: 510-440-0201

**TITLE:**

**S1 BRACKET ASSEMBLY**

**NextNav, LLC**

MAIA, PCBA  
C1179-064-3012-00



GPS MODULE

#4-40 x 1/2" PHILLIPS PAN HEAD NYLON (4X)

SPACER, DIA= 5mm BORE SIZE 3.2=mm,  
LENGTH= 4mm (4x)

#4-40 HEX NYLON NUT (4X)

**INSTRUCTION:**

**Mount GPS MODULE as shown over the MAIA PCBA.**

PREPARED AND DOCUMENTED BY: Dante L. Rusgal Jr. Manufacturing Eng'g	Revision Level	DESCRIPTION OF CHANGE	Approved by:	Date	ASSY DOC NO: SCWI-086-18-FRE
	A	INITIAL DOCUMENT RELEASE	Dante	9.16.2011	