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	DRAW NO.: DC00019-001		
	DESCRIPTION: FINAL ASSEMBLY REPEATER RX-TX	REV A	SH. _2_ OF _19_

FCC Warning

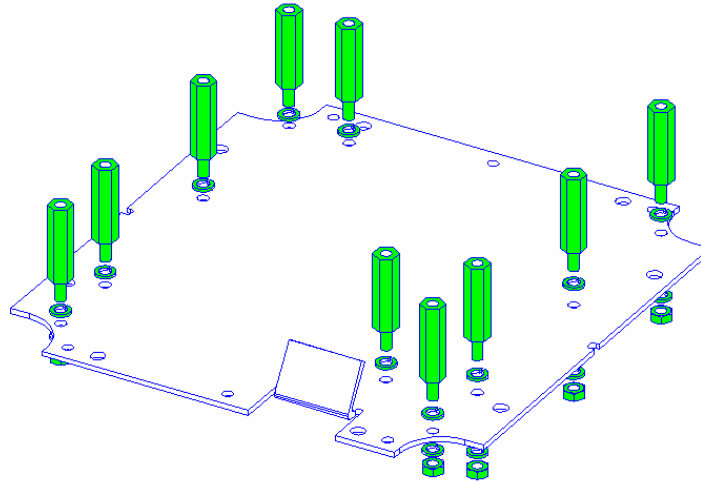
FCC Warning
Modifications not expressly approved by the manufacturer could void the user authority to operate the equipment under FCC Rules.

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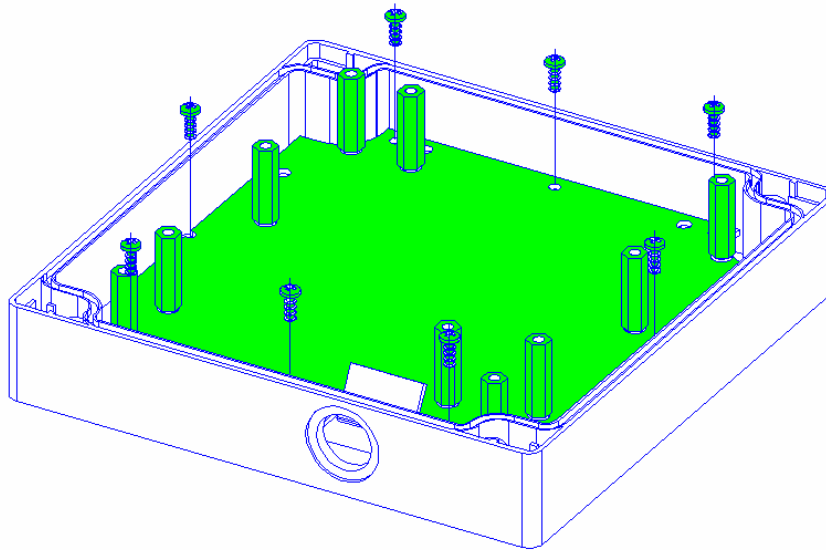
Mechanical Assembly

Front Box

Attach **standoffs** with **plain washer**, **nut** and **spring washer** to the lower **board**.



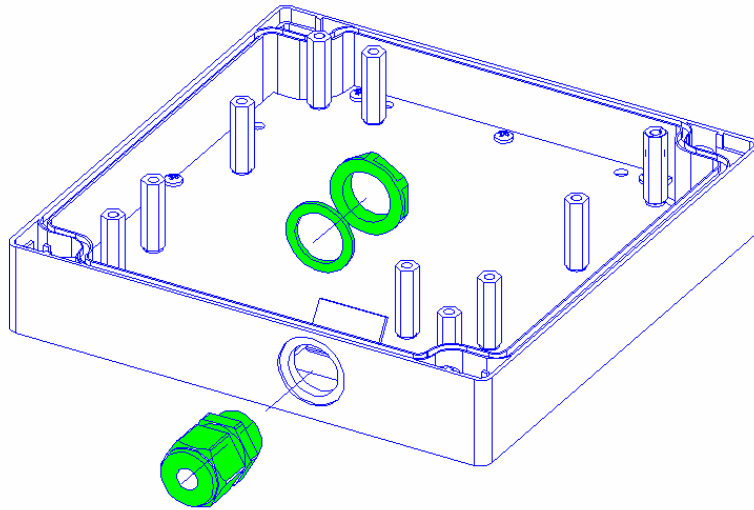
Attach the lower **board** into the **front box** and assemble **screws**.



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Gland

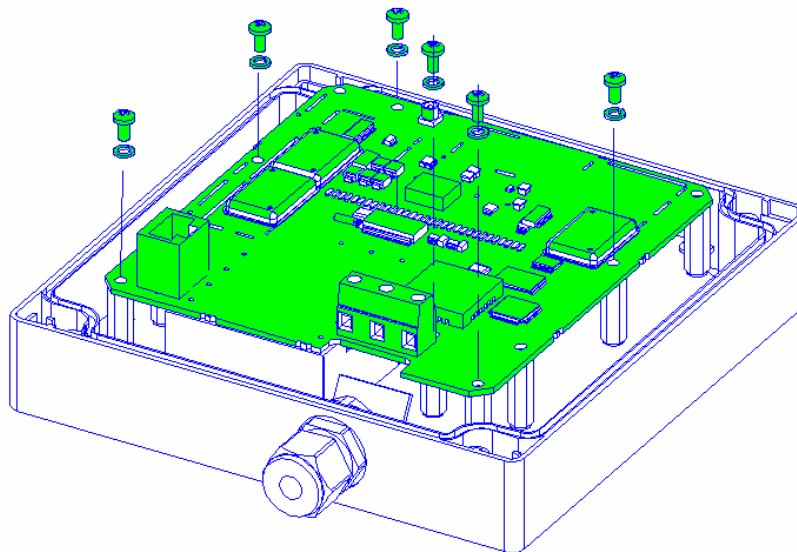
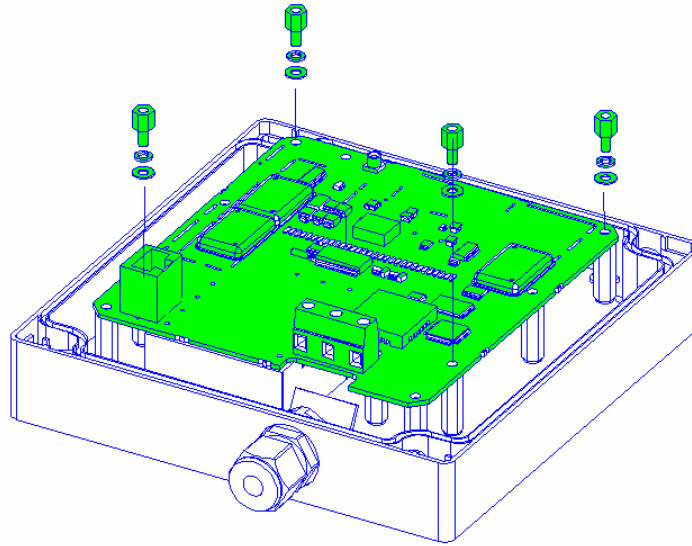
Assemble **gland** with **nut** and **washer**.



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PCB Assembly

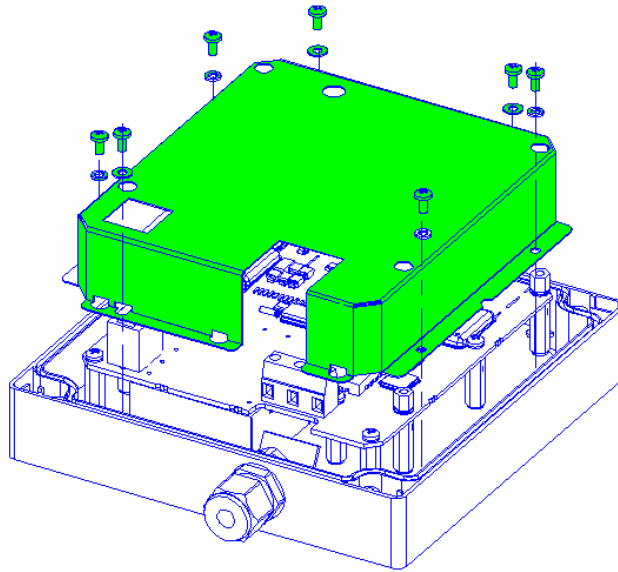
Assemble the **PCB** into the **front box** and hold it with **standoffs**, **screws**, and **washers**.



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PCB Cover

Place the **RF shield** above **PCB** and assemble **screws** and **washers**.



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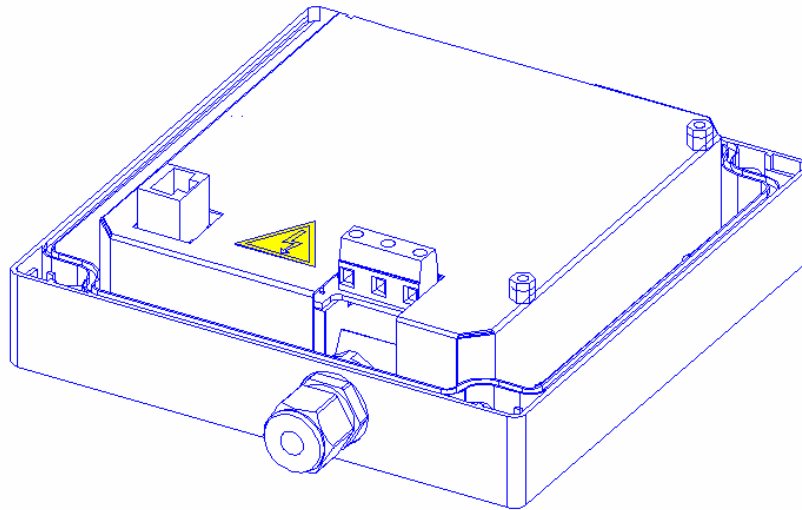
REV

A

SH. _7_ OF _19_

Label

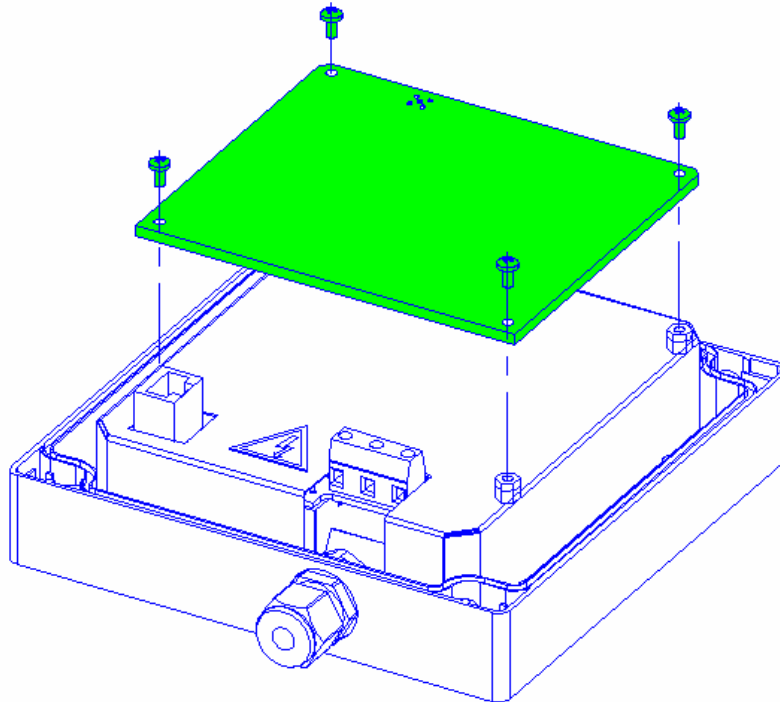
Place **warning label** on top of the **RF shield**.



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Antenna

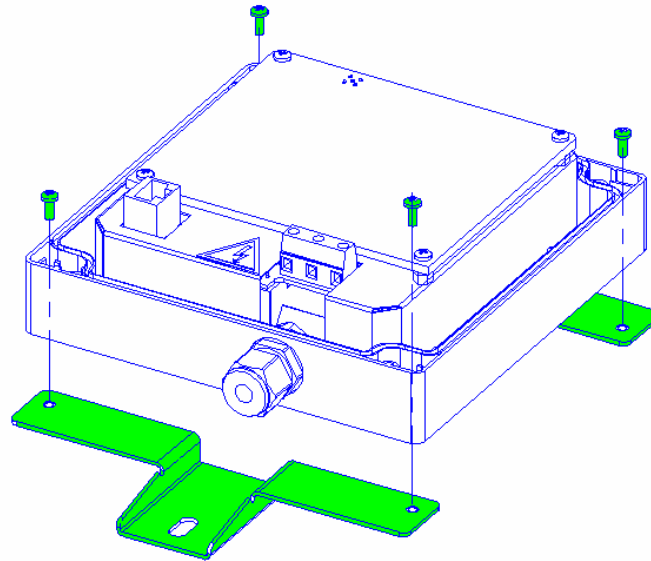
Place the **antenna** and assemble **plastic screws**.



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Mounting

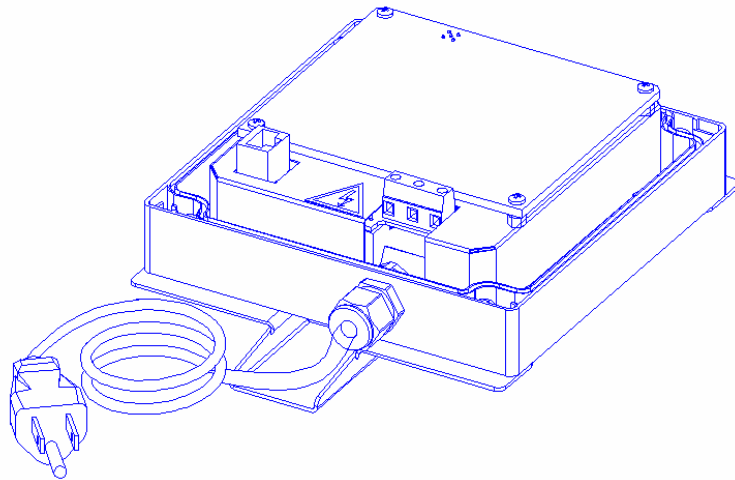
Place the **bracket** and tighten with **screws**.



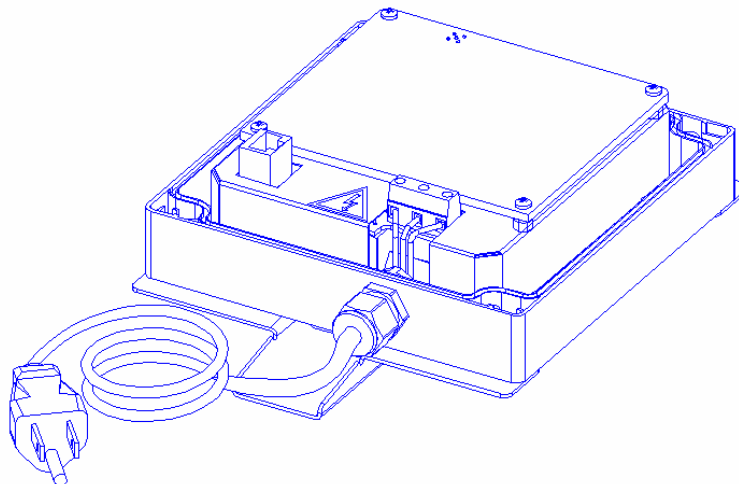
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AC Cable

place the **AC cable** into the **front box**



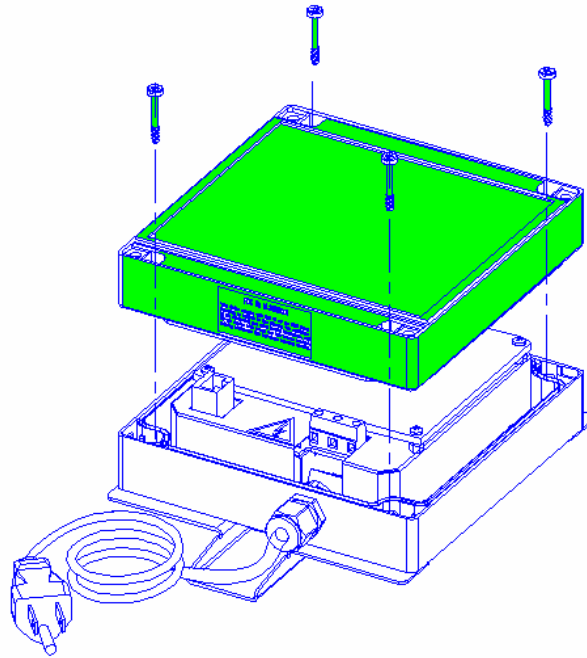
Assemble **AC cable** with screws



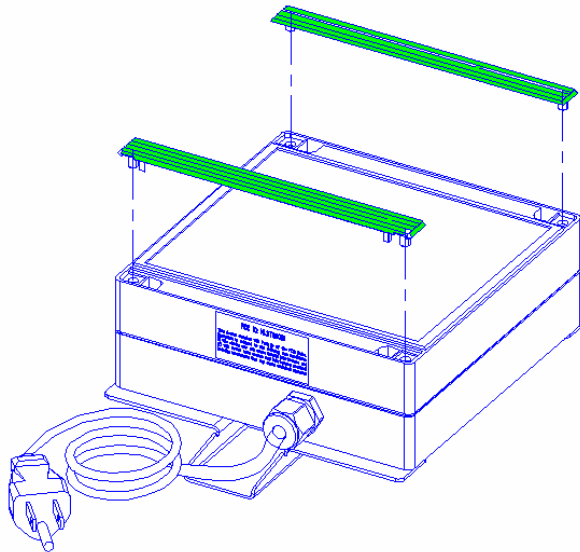
	DRAW NO.: DC00019-001		
	DESCRIPTION: FINAL ASSEMBLY REPEATER RX-TX	REV A	SH. _11_ OF _19_

Top Cover

Place the **top cover** on the **front box** and assemble **screws**.

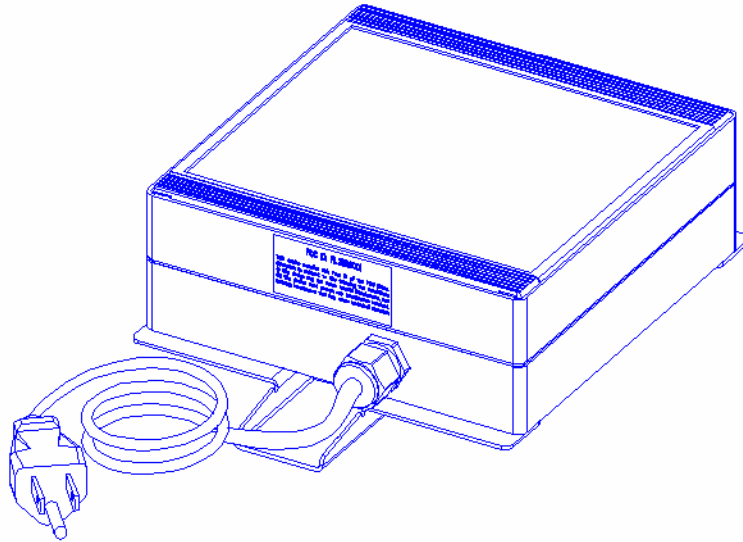


Sealed the **top cover** with **strips**.



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Final Assembly



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Field Installation

General Instructions

The NTR must be installed at least 3 meters above the floor. Select the installation location in where no moving/mobile nor static objects would exist or enter into within 2 meters of the NTR surrounding, excluding the wall or pipe where the NTR is installed on.

Installation Steps

Locate installation place, on a roof of a dominate building in the area where the NTR services are required.



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Mark 2 point for drilling.



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drill 2 holes.



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assemble screw-holders.



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Assemble 2 screws.



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NTR Final installation



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