



# SOHO 6 Wireless De-manufacturing Instructions

Document Number: 480-2523-001

**1.0 Purpose**

This instruction defines the de-manufacturing process for the recovery of this product family as it pertains to recycling of the major product components.

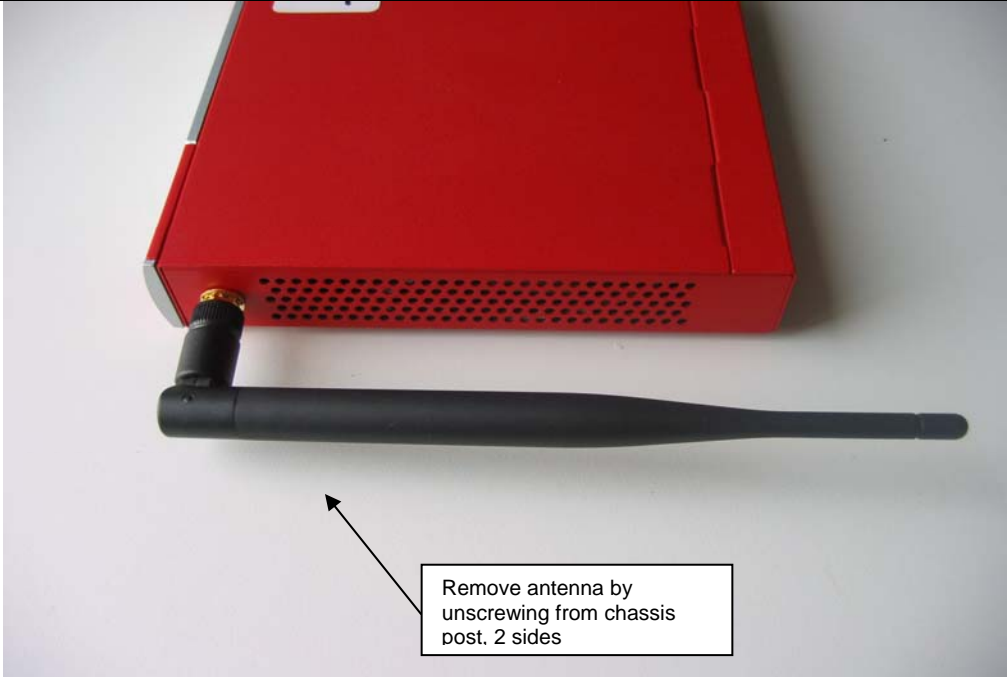
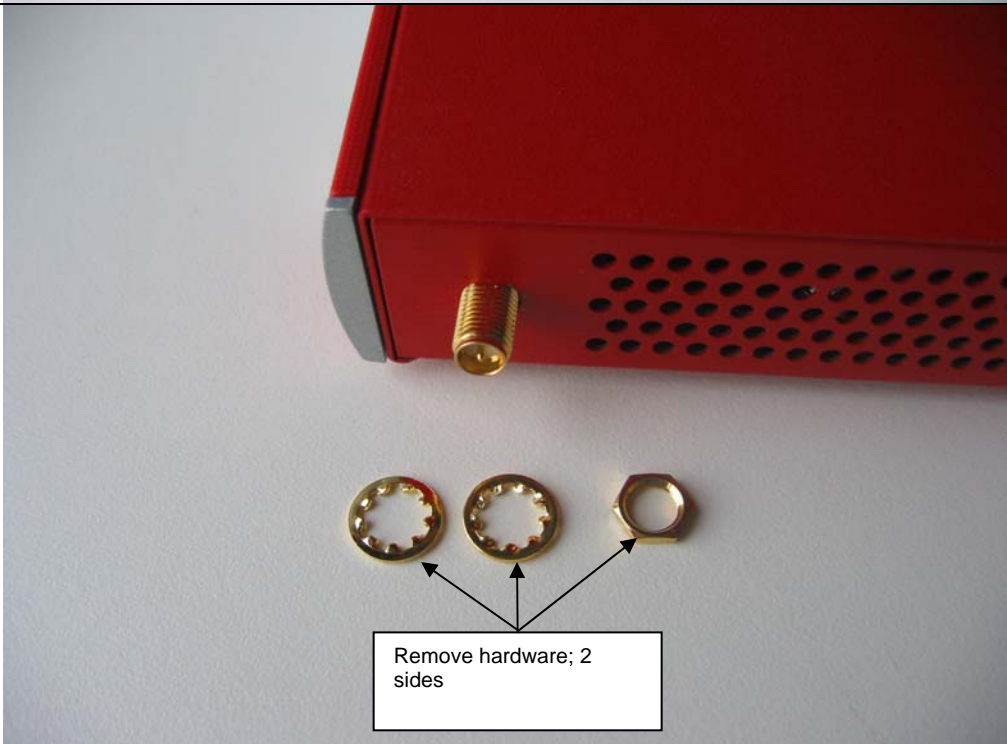
**2.0 Scope**

This instruction applies to the following product family and family part numbers.

Product Family Name	Family part #'s (not necessarily inclusive)
Firebox SOHO 6 Wireless	<ul style="list-style-type: none"><li>• Firebox SOHO 6 Wireless; all revisions</li></ul>

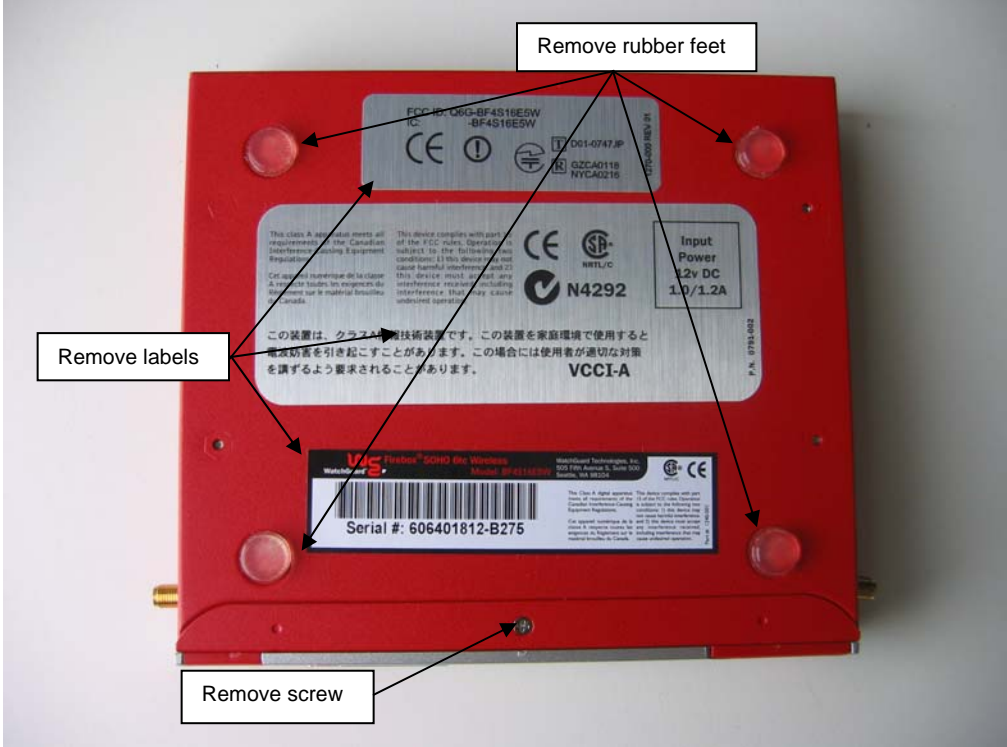
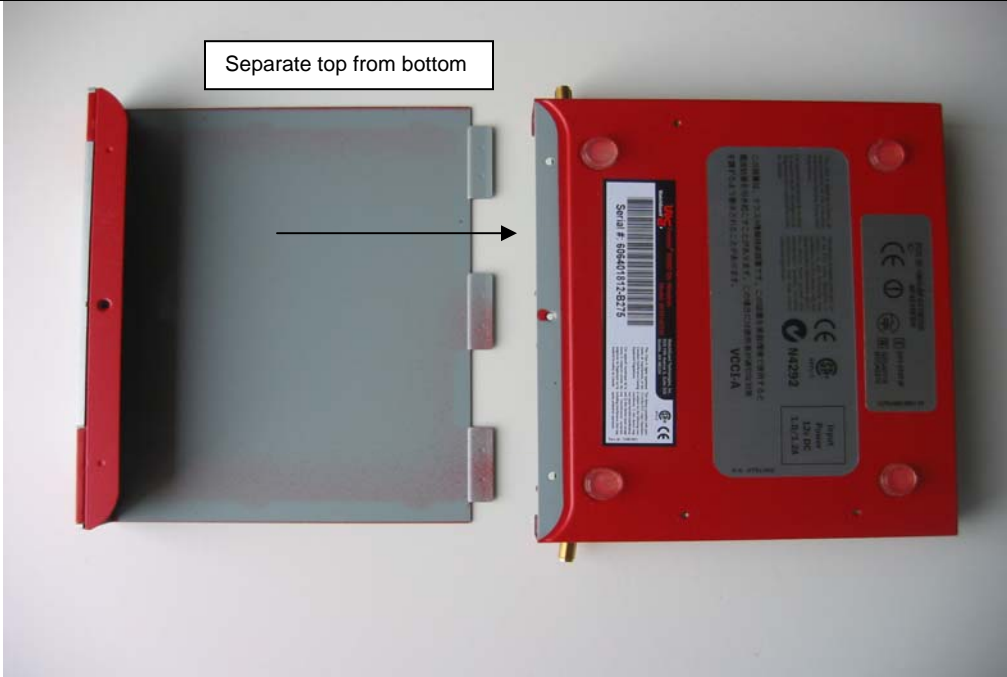
3.0 Instruction

3.1 -Remove wireless antenna and antenna hardware


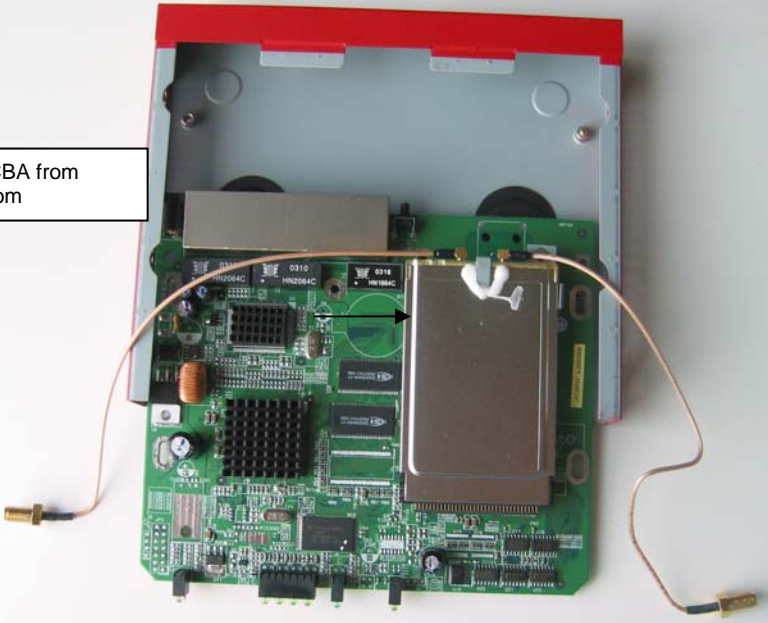
Material removed (P/N & material type)	Instruction visual
<p><b>Antenna</b> 1305-002 - TPE, PC, reverse SMA connector, RG-178 coaxial cable; 2.4Ghz; 2 ea.</p>	 <p>Remove antenna by unscrewing from chassis post. 2 sides</p>
<p><b>Washer</b> No p/n - Gold plated brass; 2 ea.</p> <p><b>Nut</b> No p/n - Gold plated brass</p>	 <p>Remove hardware; 2 sides</p>

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### 3.2 -Remove labels, rubber feet and screw, and separate top from bottom

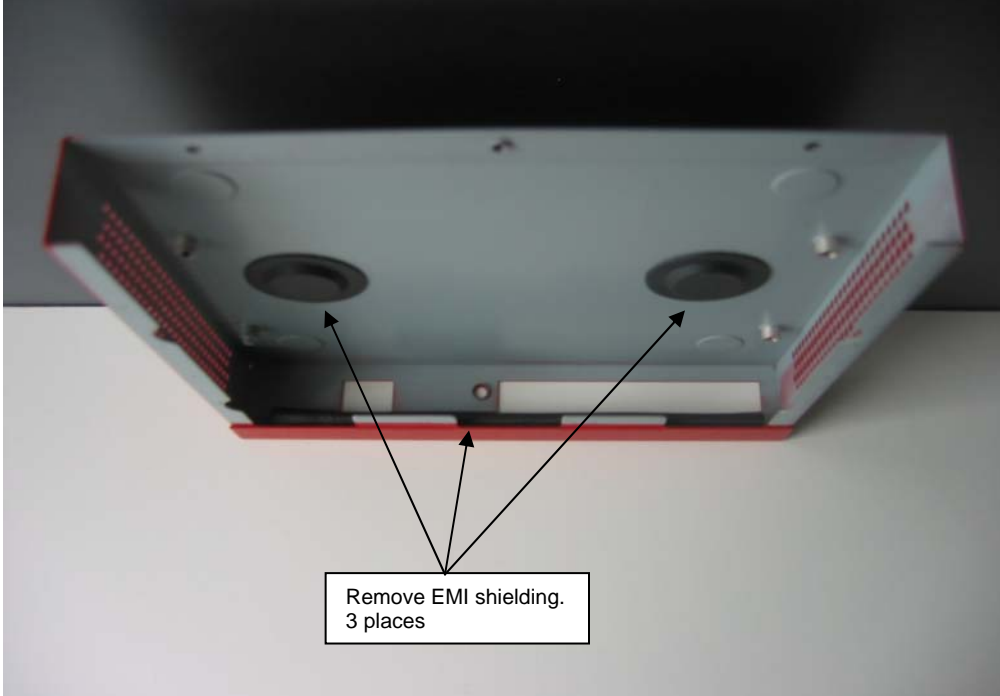
Material removed (part Desc or P/N & material type)	Instruction visual
<p><b>Labels</b>                      Cert. label – Metalized poly-film                      Serial number:                      0823-00x - Poly-film                      Transmit Cert/FCC/CE:                      2111-00x – Metalized Poly-film</p> <p><b>Rubber Feet</b>                      1422-002 - Polyurethane, 4 ea.</p> <p><b>Remove screw</b>                      0863-003 - Phillips head, stainless steel</p>	 <p>The image shows the top of a red rectangular device. Four red rubber feet are located at the corners. A large white label is centered, containing regulatory information (FCC, CE, NRTL/C, VCCI-A) and technical specifications (Input Power: 12v DC 1.0/1.2A). A smaller label at the bottom center features a barcode and the serial number 606401812-B275. A single screw is visible at the bottom center. Arrows point from callout boxes to these specific features.</p>
	 <p>The image shows the device disassembled into two parts. On the left is the top cover, which is a red frame with a grey interior. On the right is the bottom chassis, which is a red rectangular plate with the labels and rubber feet. An arrow points from the top cover to the bottom chassis, indicating the separation step.</p>

### 3.3 –Remove screws and separate main PCBA from chassis bottom

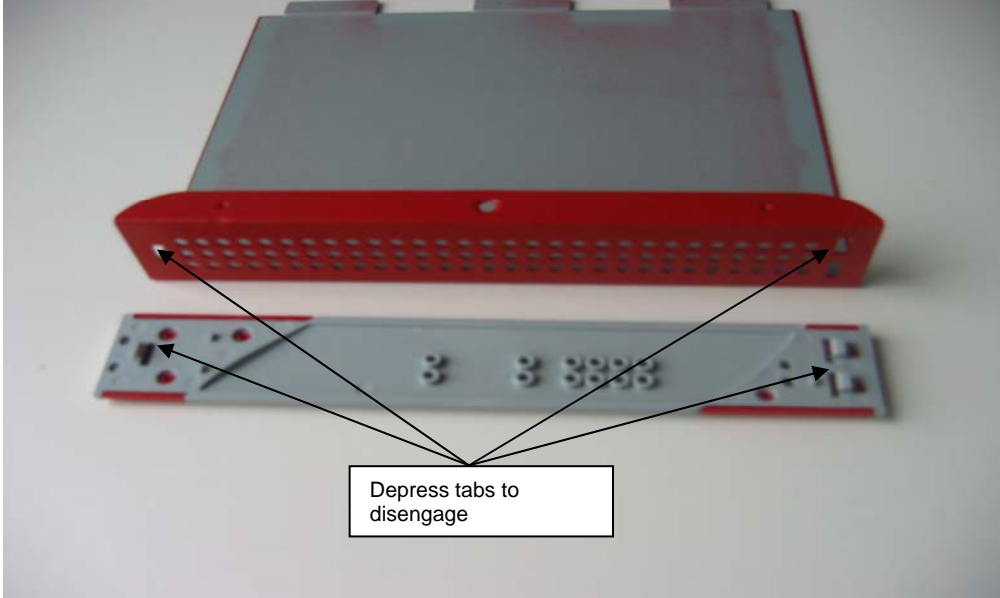
Material removed (P/N & material type)	Instruction visual
<p><b>Screws</b> 0863-002 - Phillips head, stainless steel, 3 ea</p>	 <p>Remove PCBA screws -3 ea.</p>
	<p>Separate PCBA from chassis bottom</p> 

3.4 – Remove EMI shielding

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Material removed (P/N & material type)	Instruction visual
<p><b>Painted metal enclosure</b> 22Ga. EG w/powder coat (Interpon 700 - epoxy/polyester)</p> <p><b>EMI Shielding</b> Mylar</p>	 <p>Remove EMI shielding. 3 places</p>

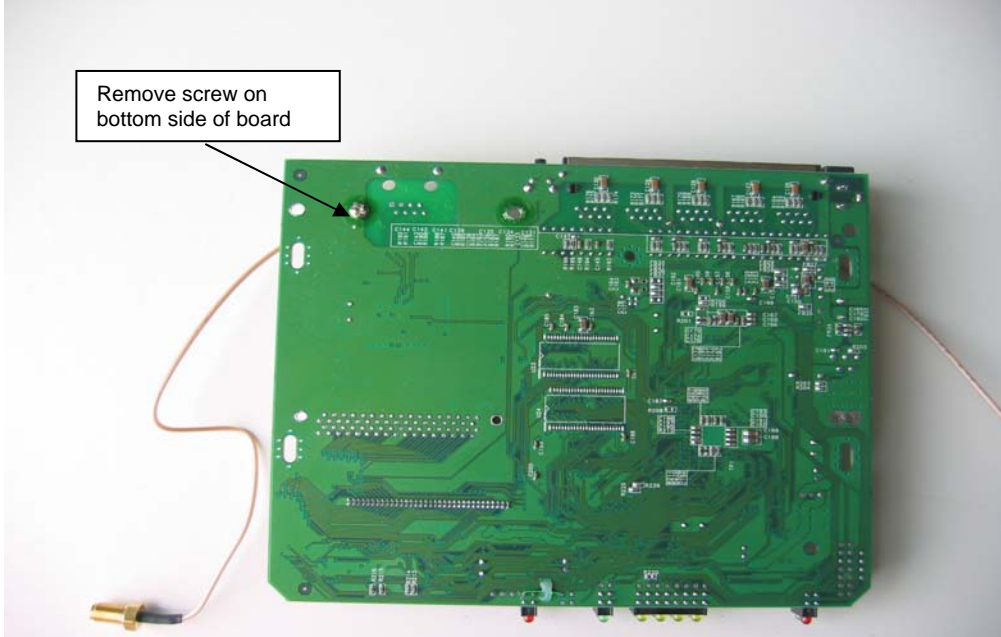

### 3.5 – Remove bezel from unit top - depress tabs to disengage

Material removed (P/N & material type)	Instruction visual
<p><b>Painted metal enclosure</b> 22Ga. EG w/powder coat (Interpon 700 - epoxy/polyester)</p> <p><b>Bezel</b> PC/ABS</p>	 <p>Depress tabs to disengage</p>

### 3.6 – Remove RF module (mini-PCI) clip and disconnect module from main PCBA

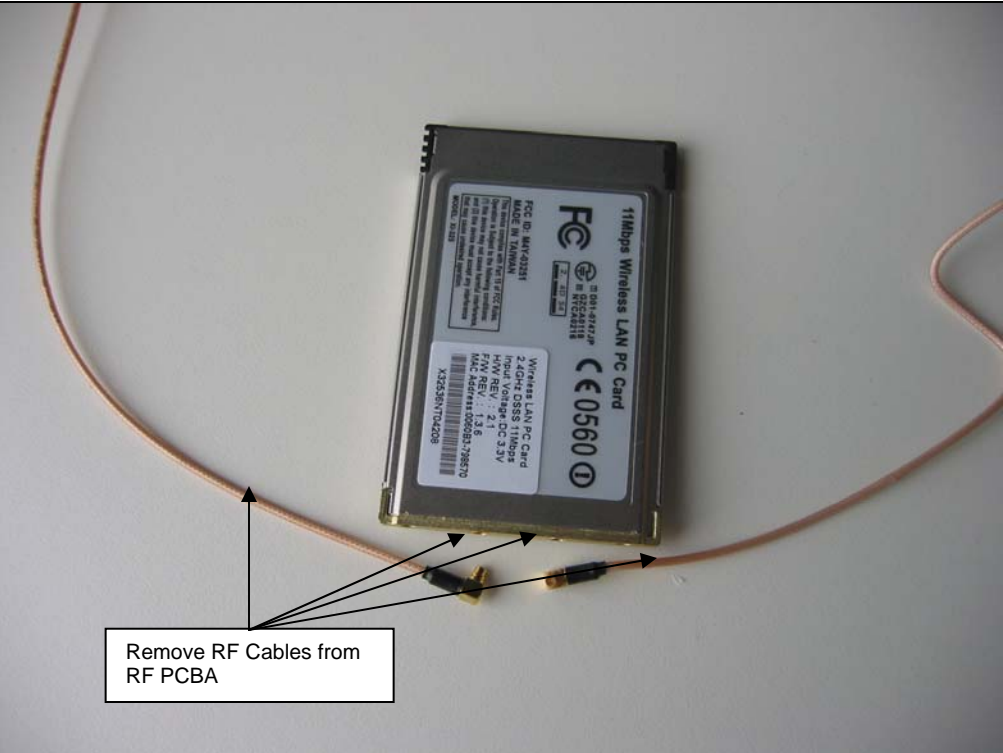


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Material removed (P/N & material type)	Instruction visual
<p><b>Screw</b> 0863-002 - Phillips head, stainless steel</p>	
<p><b>Module clip</b> PC/ABS</p> <p><b>Main PCBA</b> Printed circuit assembly</p>	

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### 3.7 –Disconnect RF cables from RF module

<p><b>Material removed (P/N &amp; material type)</b></p> <p><b>RF Module</b> Mini-PCI module with RF PCBA</p> <p><b>RF Cable</b> Coaxial cable assembly. 6cm</p> <p><b>RF Cable</b> Coaxial cable assembly. 19.5cm</p>	<p><b>Instruction visual</b></p> 
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#### 4.0 Applicable Documents

#### 5.0 Revision History

REV. NO.	REV. DATE	REVISED SECTION	REASON	ECO#
A	10/10/2005	n/a	Initial Release	0712



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