



EDGE Wireless De-manufacturing Instructions

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Document Number: 480-2521-001

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.

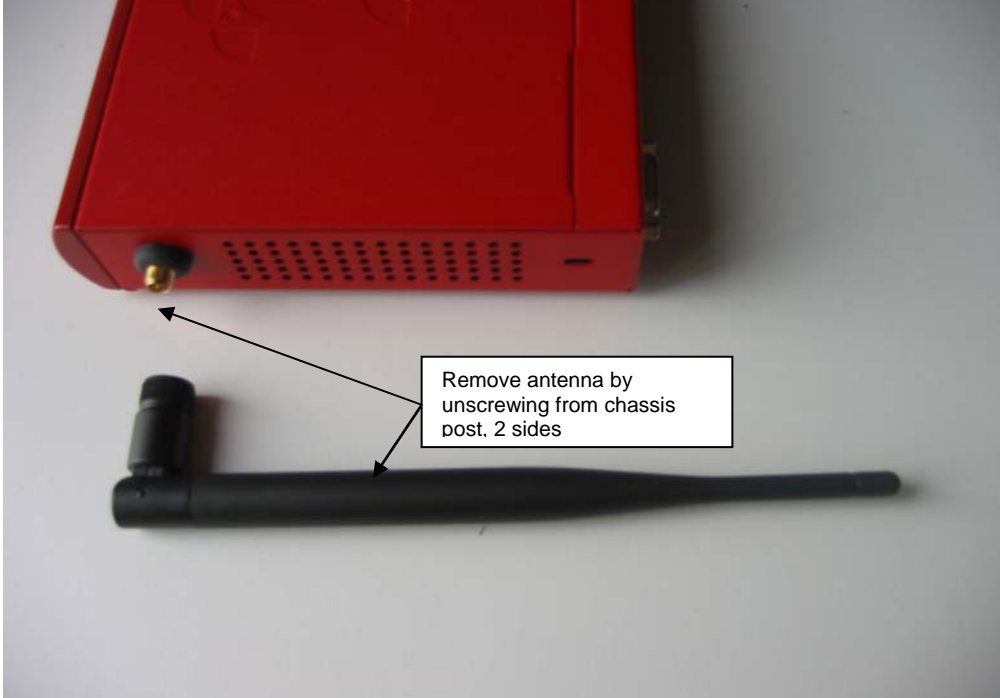
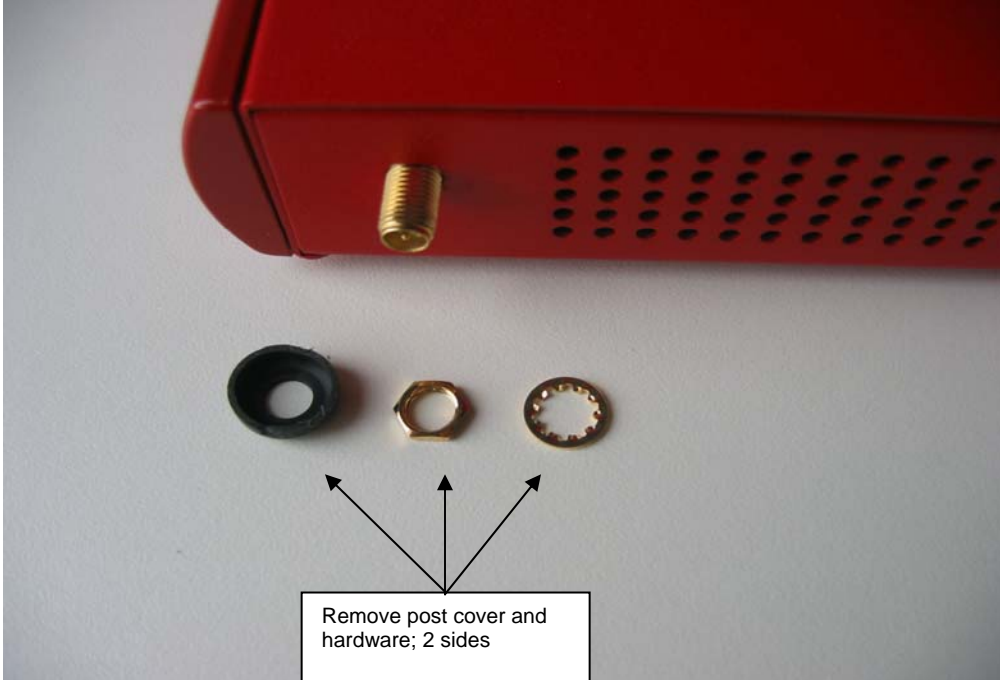
2.0 Scope

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

Product Family Name	Family part #'s (not necessarily inclusive)
Firebox X Edge Wireless	<ul style="list-style-type: none"><li data-bbox="873 529 1256 562">• Firebox X5W; all revisions<li data-bbox="873 564 1273 598">• Firebox X15W; all revisions<li data-bbox="873 600 1273 634">• Firebox X50W; all revisions

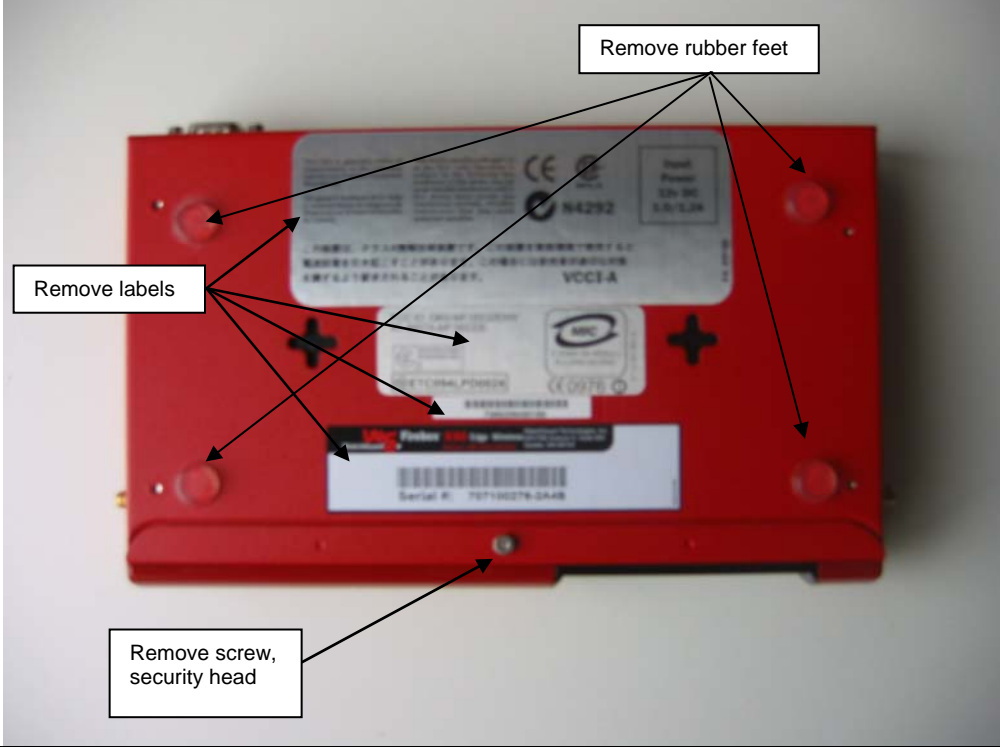

3.0 Instruction

3.1 -Remove wireless antenna and antenna hardware

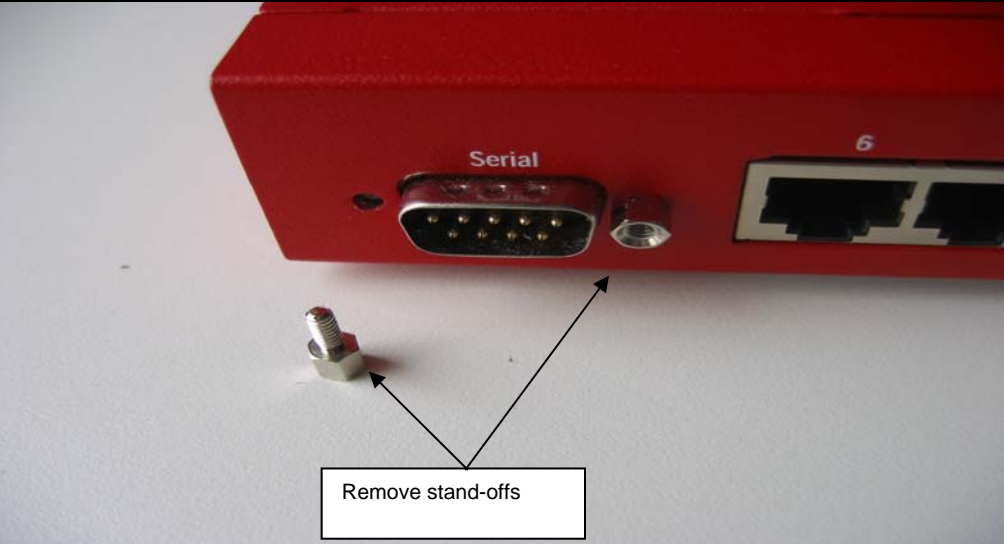
Material removed (P/N & material type)	Instruction visual
<p>Antenna 1305-002 - TPE, PC, reverse SMA connector, RG-178 coaxial cable; 2.4Ghz; 2 ea.</p>	
<p>Post cover 1366-001- Rubber - Santoprene 10155A</p> <p>Washer No p/n - Gold plated brass</p> <p>Nut No p/n - Gold plated brass</p>	

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

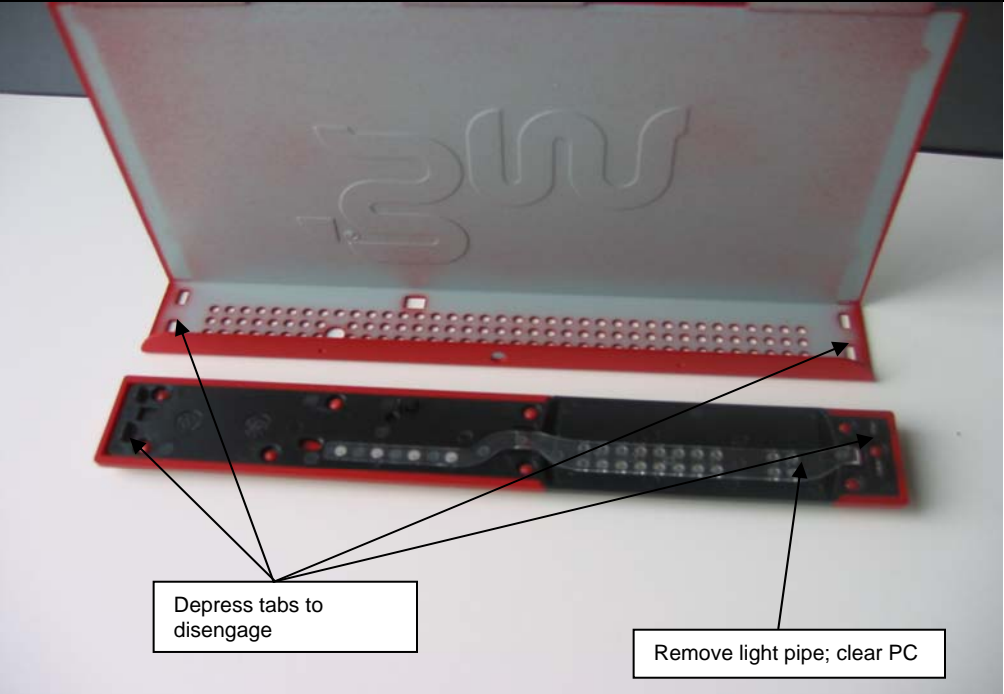
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Material removed (P/N & material type)	Instruction visual
<p>Labels Cert. label: 1791-0xx – Metalized poly-film Serial number: 1789-00x – Poly-film Transmit Cert/FCC/CE: 2111-00x – Metalized Poly-film Made in Taiwan (if appl): 1794-00x - Metalized poly-film CM identifier: No p/n – Poly-film</p> <p>Rubber Feet 1422-002 - Polyurethane</p> <p>Remove screw 2130-002 - Torx pin-head security screw; stainless steel</p>	 <p>The image shows the top surface of a red rectangular device. Three callout boxes with arrows point to specific features: 'Remove rubber feet' points to four red circular feet at the corners; 'Remove labels' points to several white adhesive labels in the center; 'Remove screw, security head' points to a small silver screw in the bottom center.</p>
	 <p>The image shows the bottom surface of the red device. The top cover has been removed and is placed to the right, revealing the internal battery compartment. A callout box labeled 'Separate top from bottom' points to the gap between the top cover and the main device body.</p>

3.3 – Remove serial connector standoffs

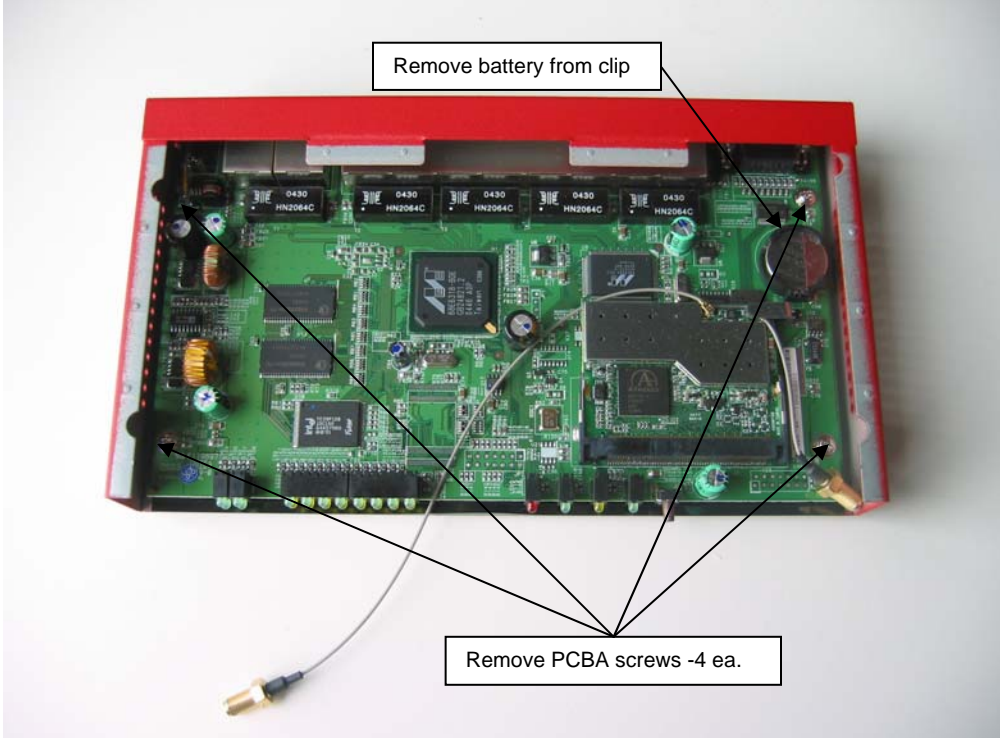
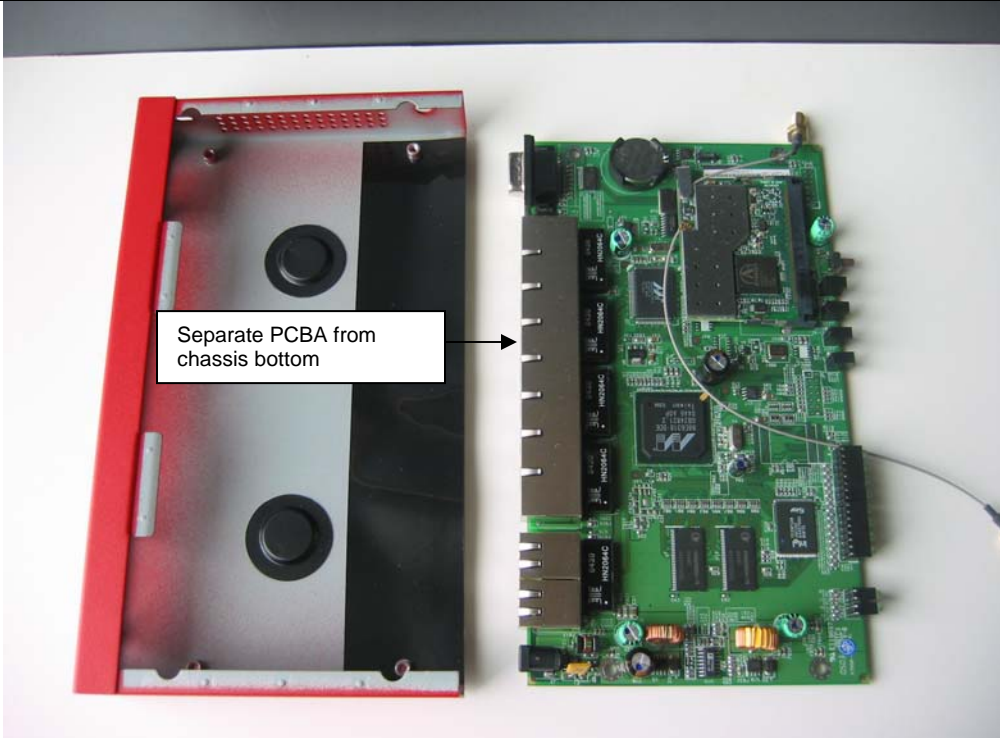
Material removed (P/N & material type)	Instruction visual
<p>Stand-offs No p/n – Hex-head; stainless steel</p>	

3.4 – Remove bezel from unit top - depress tabs to disengage; remove light pipe from bezel

Material removed (P/N & material type)	Instruction visual
<p>Painted metal enclosure 1768-001 - 22Ga. EG w/powder coat (Interpon 700 -epoxy/polyester)</p> <p>Light-pipe 1587-001 - PC</p> <p>Bezel 1590-001 - PC/ABS</p>	

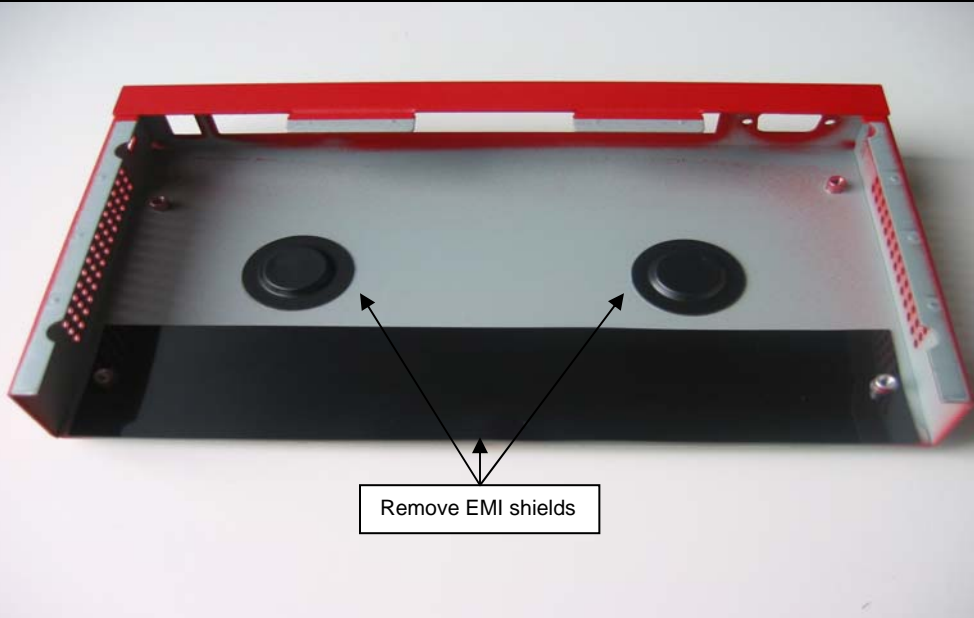
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3.5 –Remove battery; remove screws and separate main PCBA from chassis bottom

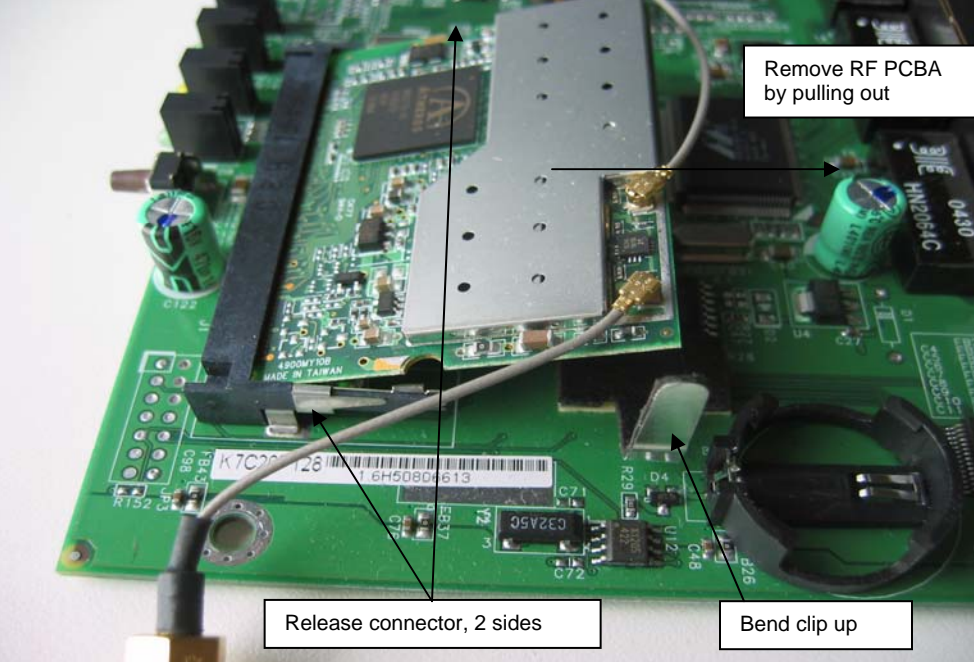
Material removed (P/N & material type)	Instruction visual
<p>Battery –coin cell 0301-001– Manganese oxide / Lithium CR2032</p> <p>Remove screws 0863-002 - Phillips head, stainless steel, 4 ea.</p>	 <p>Remove battery from clip</p> <p>Remove PCBA screws -4 ea.</p>
	 <p>Separate PCBA from chassis bottom</p>

3.6 –Remove insulator shields from bottom chassis

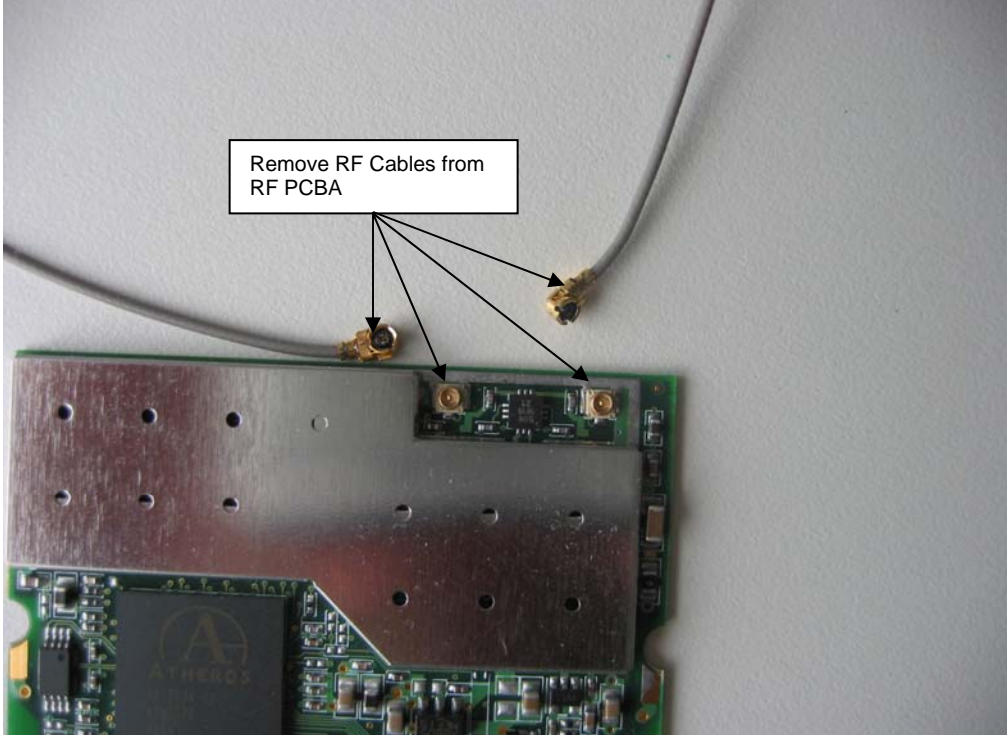
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Material removed (P/N & material type)	Instruction visual
<p>Painted metal enclosure; chassis bottom 1769-001 - 22Ga. EG w/powder coat (Interpon 700 -epoxy/polyester)</p> <p>Insulator shields 1780-001 - Insulator, 31.3mm round, Mylar, 2 ea. 1767-001 - Insulator, 42x221mm, Mylar, 1 ea.</p>	

3.7 –Bend RF PCBA clip (up) and remove RF PCBA from main PCBA

Material removed (P/N & material type)	Instruction visual
<p>Main PCBA 1724-001 - Printed circuit assembly</p>	

3.8 –Disconnect RF cables from RF PCBA

Material removed (P/N & material type)	Instruction visual
<p><u>RF PCBA</u> 1771-001 - RF PCBA</p> <p><u>RF Cable</u> 1772-001 - Coaxial cable assembly. 6cm</p> <p><u>RF Cable</u> 1772-002 - Coaxial cable assembly. 19.5cm</p>	

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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