



Kevin McClinton, W7JRL
Amateur Technical Trainer

ICOM America, Inc.
2380 116th Ave. NE
Bellevue, WA 98004
Ph. (425) 454-7619
Fax (425) 637-8417
www.icomamerica.com

TECHNICAL INFORMATION #940

To: ICOM Distributors
From: ICOM Inc. / CS Department
Date: February 28, 2003

Service handling necessary: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
--

Re: Improvement modification of the IC-2720H/2725E

The following information is provided to improvement modification for the IC-2720H/2725E.

Model: IC-2720H/2725E (All versions)

Symptom:

Around the VHF antenna filter parts on the main board will be damaged when transceiver is using in high temperature environment.

Cause:

The antenna switch diodes have over heated. It is caused by resistance of the forward direction of the antenna switch diodes are out of specification.

Solution:

Please make the modification according to the following instructions.

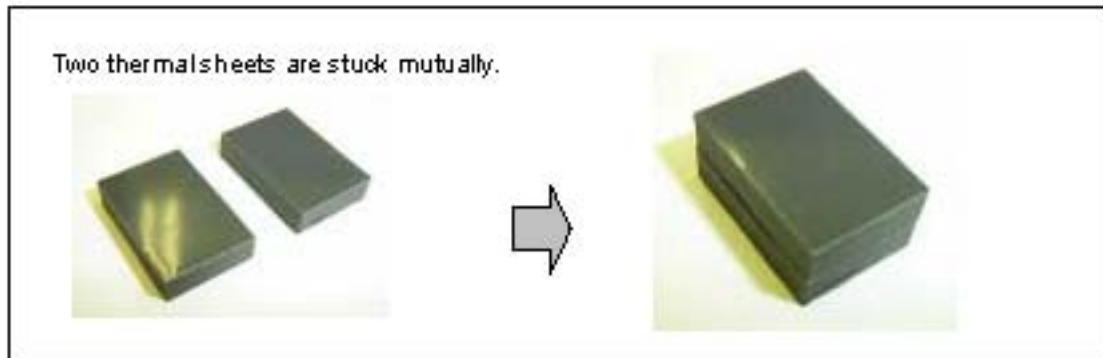
By replacing R102, a supplied bias current to antenna switching diodes is increased and this reduces the forward direction resistance of these diodes to prevent self overheat.

Required Parts:

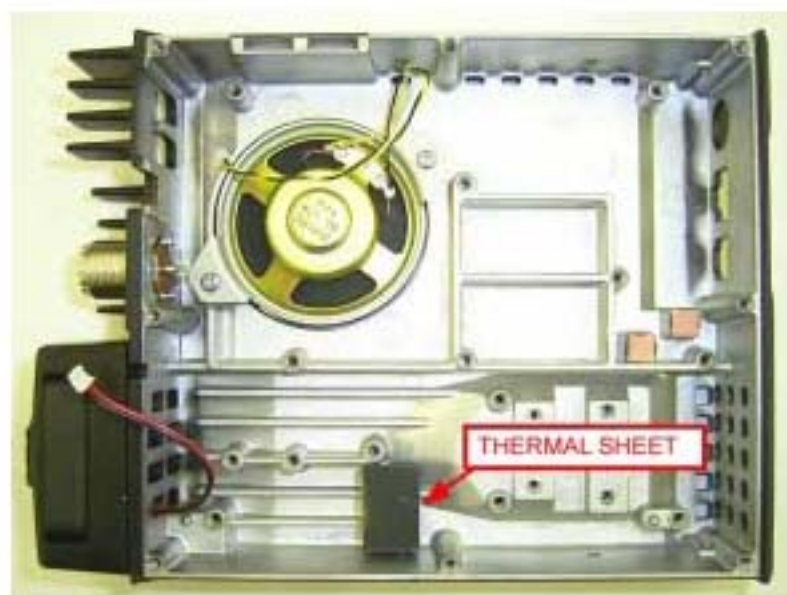
Board	Parts Number	Parts Number(Old)	Parts Number(New)	Action Taken
MAIN	R102	7030006070	7030008350	Replaced
		100 ERJ12	39 ERJ12	
MAIN	MP20	None	8930052930	Add 2pcs of thermally sheets
			THERMALLY SHEET(P)	

Procedure of modification:

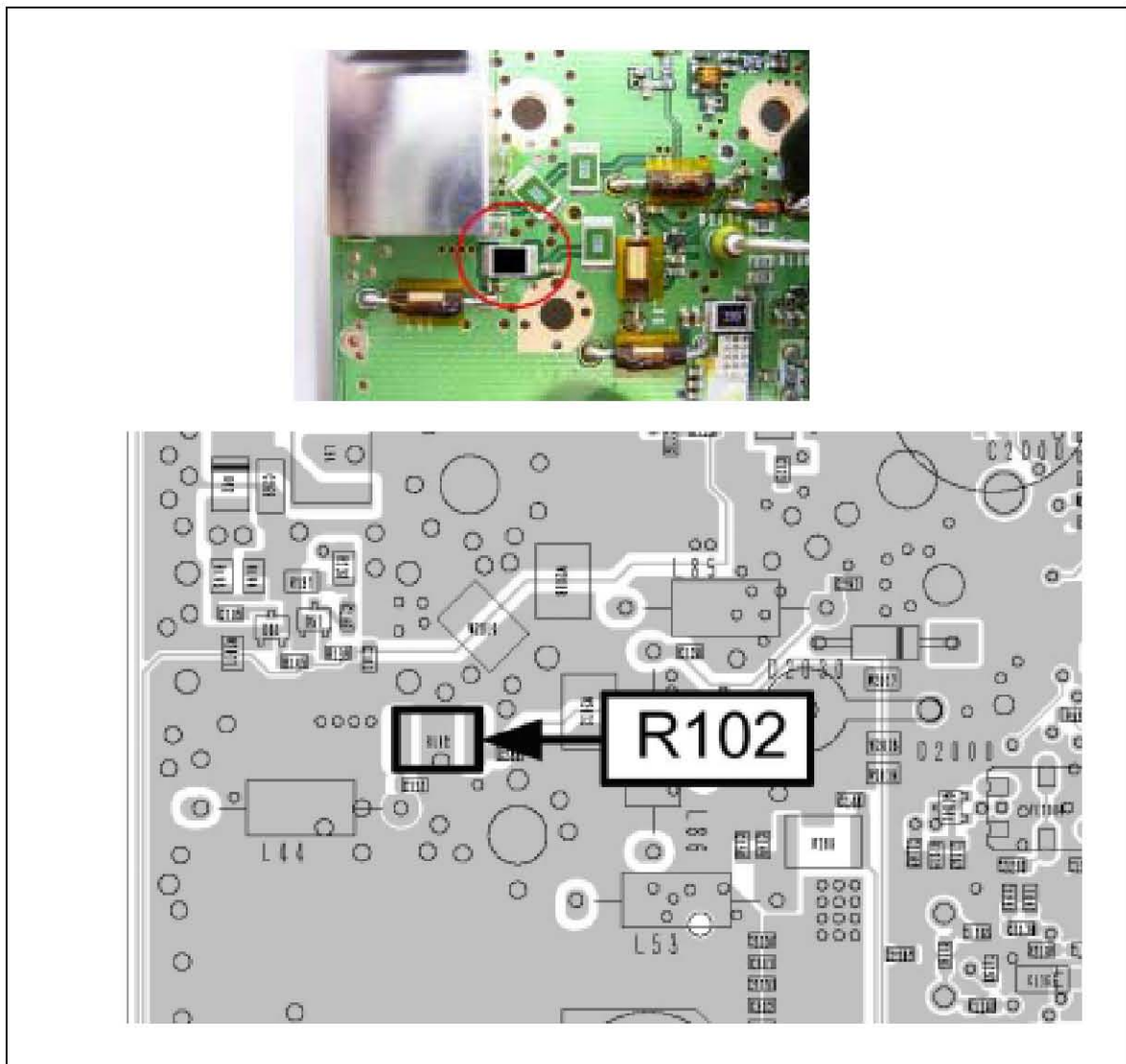
(1) Attachment of thermal sheets.



Put thermal sheets to the CHASSIS as shown below.



(2) Replace R102 as shown below.



Note:

- No need to make any alignments for modified transceivers.
- This modification has not been implemented in on-going products at the moment and the serial number of improved units will be announced later.