

TECHNICAL SERVICE BULLETIN

TO: All Uniden Private Radio Communication Dealers,
Distributors and Warranty Service Stations

REFERENCE: IMH4100DT

SUBJECT: Receiver Front End Overload

GENERAL: This *does not* pertain to all radios. Some radios have exhibited poor receive sensitivity after transmission at close proximity to high power stations. But, when radio is turned off and back on, it returns to normal factory specifications. It has been determined that the Q11 is going into oscillations. The following page shows steps for modifying the circuitry .

WARRANTY INFORMATION: There will be no warranty labor reimbursement provided.

ACTION	SYMBOL	FROM	TO	NEW PART NUMBER
CHANGE	C10	68PF	39PF	BCXG813904Z
MOVE	C18 OR C12	C18 OR C12	C11	BCXG813314Z (IF NEEDED)
CHANGE	L12	0.022 μ H	12K Ω	BRFC011234Z
MOVE	R15	R15	R12	BRFC013904Z (IF NEEDED)
DELETE	C13, R15, R16, C15, L16, R17, R18, R20, R11, C18, C12			NO LONGER USED SEE DRAWING FOR MORE INFORMATION
CHANGE	L11	LE167	0.039 μ H	BLZY0067397
CHANGE	L15	LE455	0.12 μ H	(SUB) BLZY0067107 0.1 μ H
ADD	5pf			BCXG815091Z
ADD	180 Ω			BRPB611814Z

PRIVATE RADIO COMMUNICATIONS

Technical Bulletin Board 817-858-3617 (Terminal Emulation: ANSI.BBS/8 Data Bits/1 Stop Bit/No Parity)

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