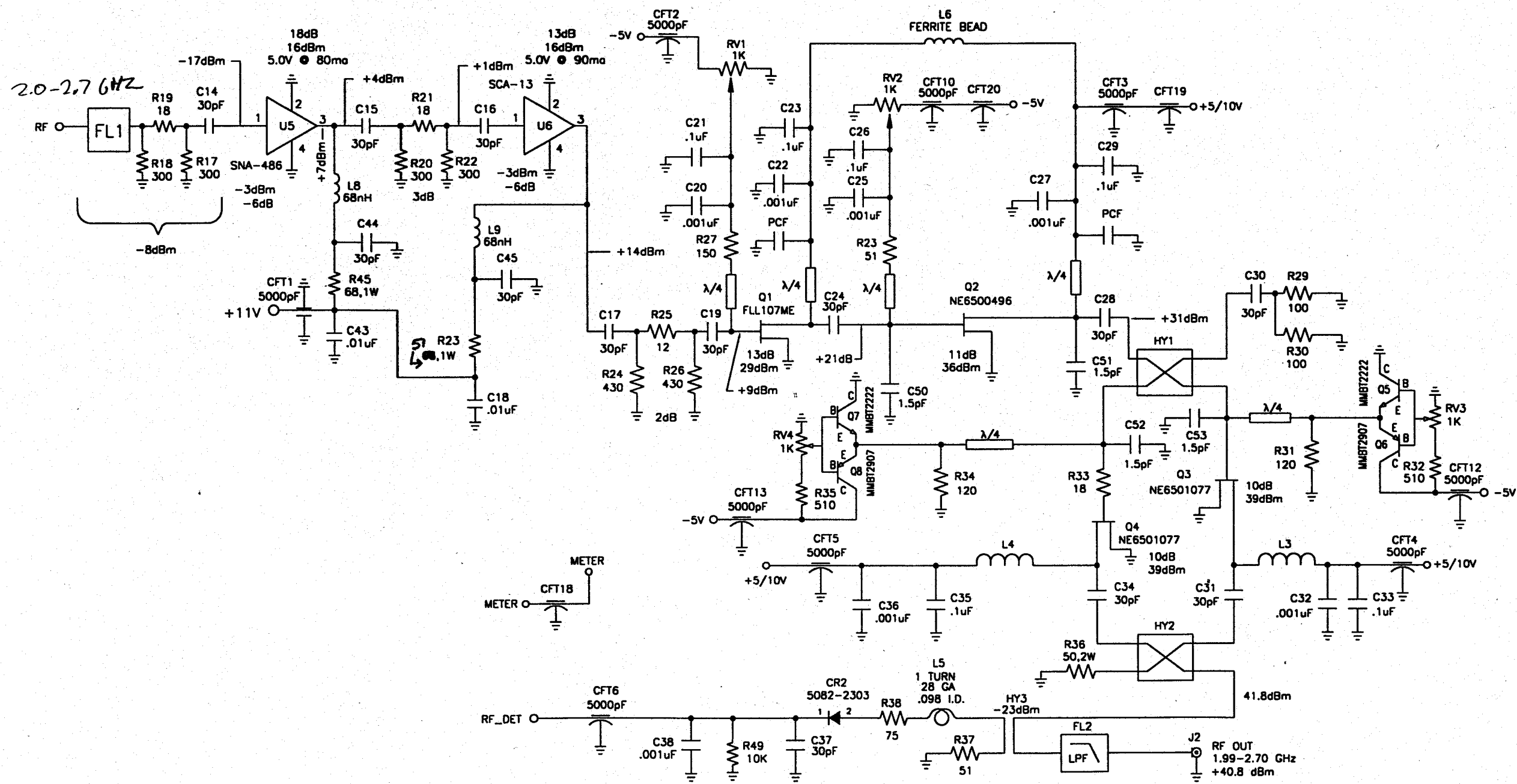


ZONE	REV	REVISION DESCRIPTION	DATE	CHG BY
	C1	SEE ECN #000147, ADDED DASH #	05/22/00	JAG
	D	SEE ECN #000147, NEW PCB ISSUED	11/07/00	JAG



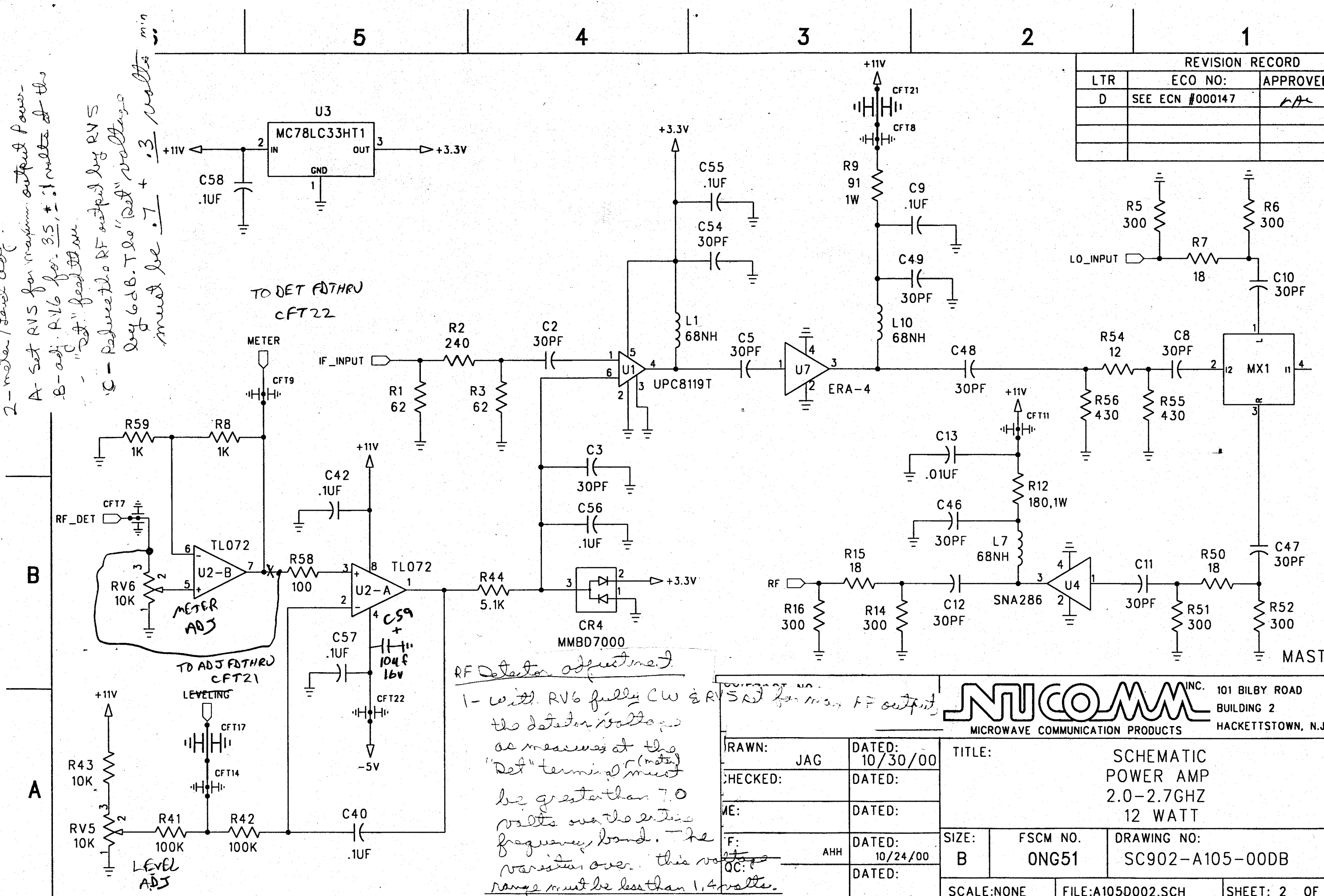
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES. DO NOT SCALE PRINT TOLERANCE ON ANGLES .XX .XXX 0°-15' ±.01 ±.005 MACHINE SURFACE 64 EXCEPT AS NOTED ✓ SCHEMATIC	APPLICATIONS		CONTRACT NO.:		 101 BILBY ROAD BUILDING 1 HACKETTSTOWN, N.J.			
	NEXT ASSY							
			DWN:	DATE	SCHEMATIC 2.0-2.7 GHz 12 WATT POWER AMPLIFIER			
			JAG	12/16/99				
			CHK:					
			ME:					
			EE:					
			JBP	2/23/00	SIZE	FSCM NO.	DWG NO.	
			QC:		B	0NG51	SC902-A105-00DB	
					SCALE: ~		FILE #:	A105D001.DWG

2-meter / level adj.

A - Set RV5 for maximum output power -
B - adj. RV6 for 3.5, $\pm$.1 volts at the "Det" feedback.

C - Reduce the RF output by RV5 by 6 dB. The "Det" voltage must be .7 + .3 volts min.

REVISION RECORD		
LTR	ECO NO:	APPROVED
D	SEE ECN #000147	LA



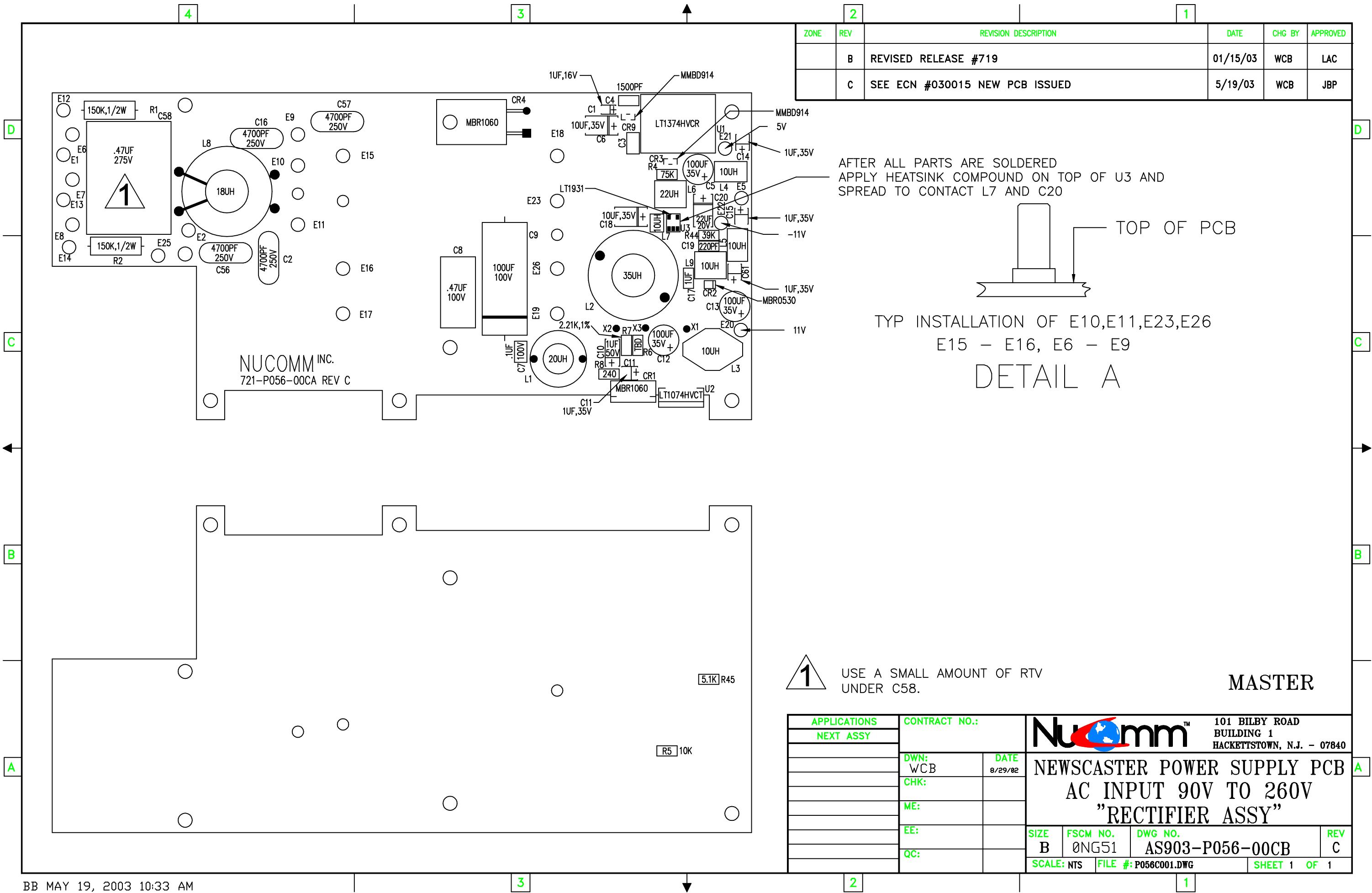
RF Detector adjustment.

1 - With RV6 fully CW & RV5 set for max RF output, the detector voltage as measured at the "Det" terminal must be greater than 7.0 volts over the entire frequency band. The variation over this voltage range must be less than 1.4 volts.

NICOMM INC.
MICROWAVE COMMUNICATION PRODUCTS

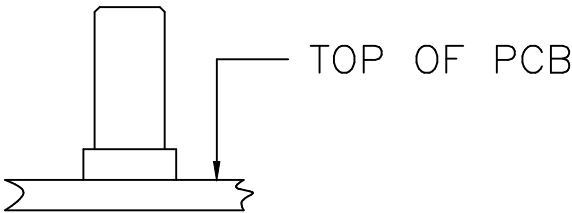
101 BILBY ROAD
BUILDING 2
HACKETTSTOWN, N.J.

DRAWN:	JAG	DATED:	10/30/00	TITLE:	SCHEMATIC POWER AMP 2.0-2.7GHZ 12 WATT
CHECKED:		DATED:		SIZE:	B
DATE:		DATED:		FSCM NO.	ONG51
DATE:		DATED:	10/24/00	DRAWING NO:	SC902-A105-00DB
DATE:		DATED:		SCALE:	NONE
DATE:		DATED:		FILE:	A105D002.SCH
DATE:		DATED:		SHEET:	2 OF



ZONE	REV	REVISION DESCRIPTION	DATE	CHG BY	APPROVED
	B	REVISED RELEASE #719	01/15/03	WCB	LAC
	C	SEE ECN #030015 NEW PCB ISSUED	5/19/03	WCB	JBP

AFTER ALL PARTS ARE SOLDERED
APPLY HEATSINK COMPOUND ON TOP OF U3 AND
SPREAD TO CONTACT L7 AND C20

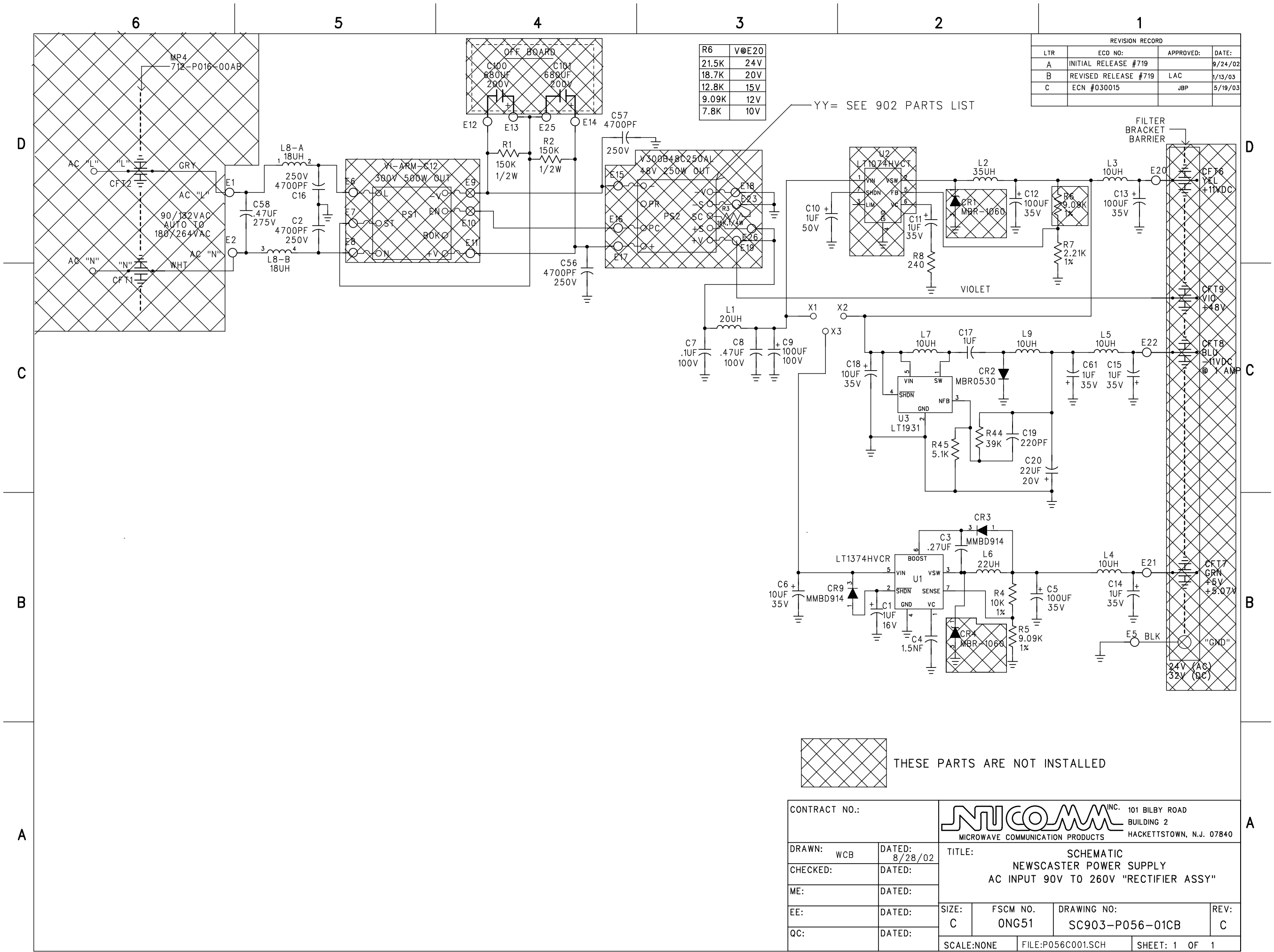


TYP INSTALLATION OF E10,E11,E23,E26
E15 - E16, E6 - E9
DETAIL A

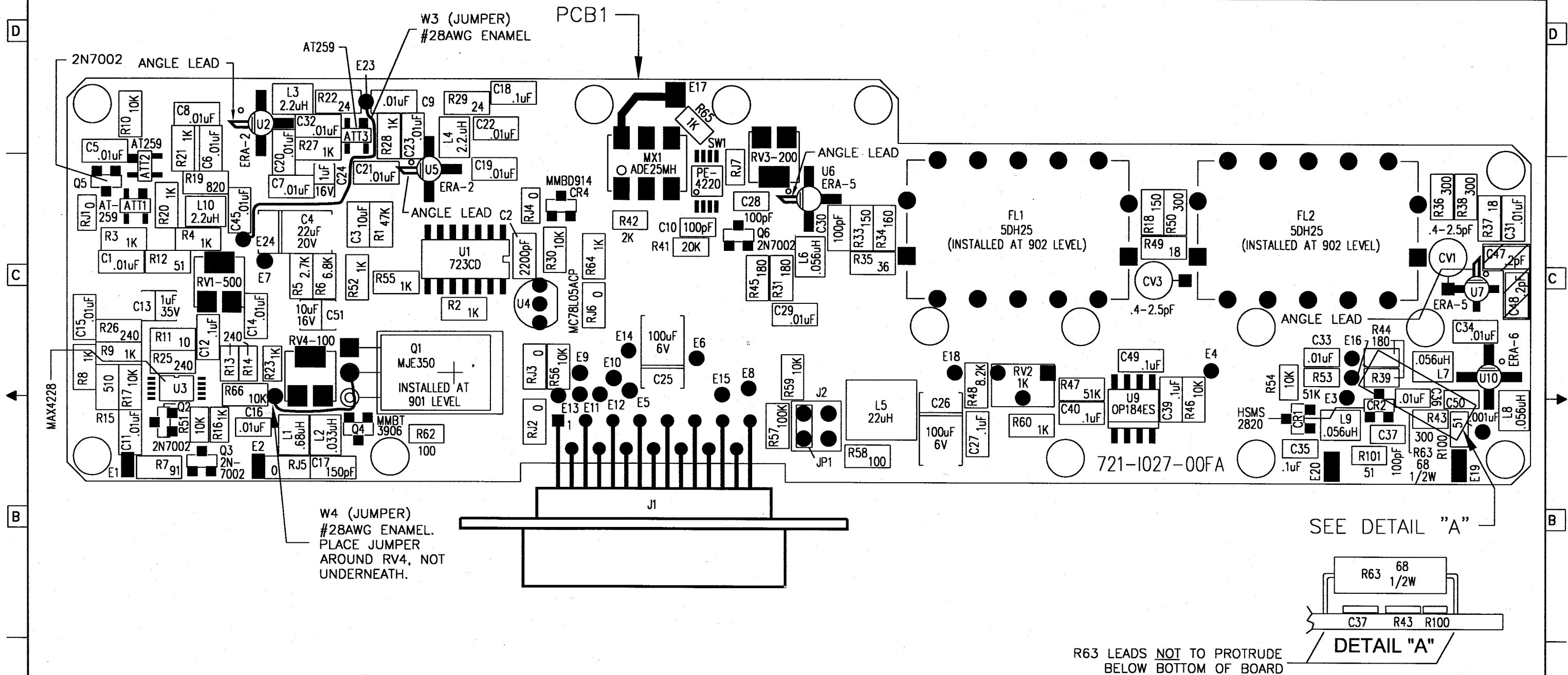
1 USE A SMALL AMOUNT OF RTV
UNDER C58.

MASTER

APPLICATIONS	CONTRACT NO.:				101 BILBY ROAD	
NEXT ASSY					BUILDING 1	
	DWN:	DATE	NEWSCASTER POWER SUPPLY PCB AC INPUT 90V TO 260V "RECTIFIER ASSY"			
	WCB	8/29/02				
	CHK:					
	ME:					
	EE:					
	QC:		SIZE	FSCM NO.	DWG NO.	REV
			B	0NG51	AS903-P056-00CB	C
			SCALE: NTS FILE #: P056C001.DWG			SHEET 1 OF 1

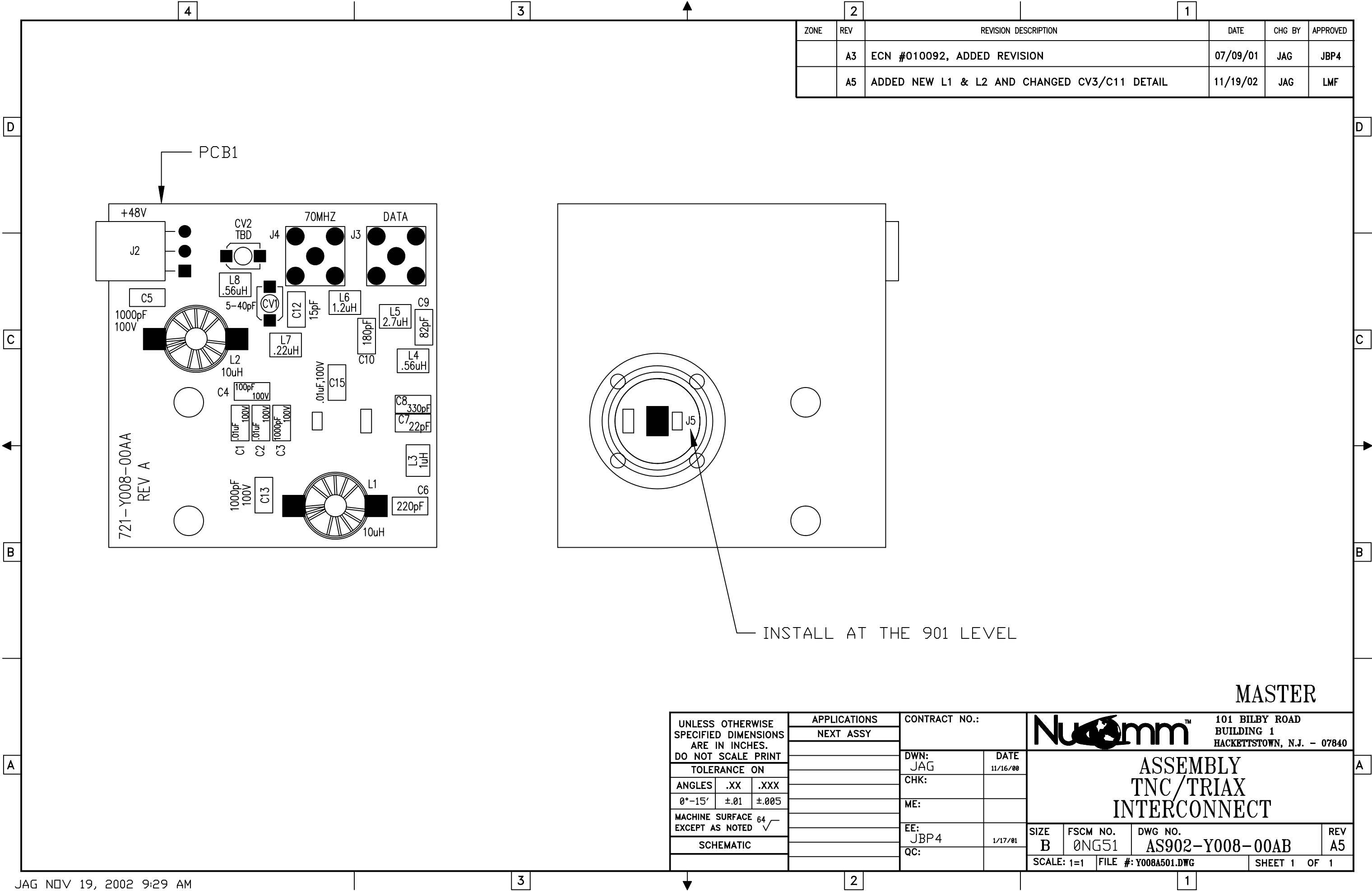


ZONE	REV	REVISION DESCRIPTION	DATE	CHG BY	APPROVED
	F	SEE ECN #020022, NEW PCB ISSUED	09/03/02	RMM	LMF
	F1	CHANGE BARE WIRES TO ENAMEL & U9 BEVEL EDGE	12/18/02	JAG	LMF



THESE PARTS ARE NOT INSTALLED AT THIS LEVEL.

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES. DO NOT SCALE PRINT TOLERANCE ON			APPLICATIONS		CONTRACT NO.:		<div>Nuumm™</div> <div>101 BILBY ROAD BUILDING 1 HACKETTSTOWN, N.J. - 07840</div>				
			NEXT ASSY								
					DWN:	DATE					
					JAG	04/13/01					
ANGLES .XX .XXX			CHK:		ASSEMBLY 70 MHz TO 1.5 GHz CONVERTER						
0°-15' ±.01 ±.005											
MACHINE SURFACE 64 EXCEPT AS NOTED			ME:								
SCHEMATIC			EE:		SIZE		FSCM NO.		DWG NO.		REV
			QC:		B		0NG51		AS903-1027-00FB		F1
					SCALE: 1=1		FILE #: 1027F101.DWG				SHEET 1 OF 1



MASTER

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES. DO NOT SCALE PRINT

TOLERANCE ON

ANGLES

.XX

.XXX

0°-15'

±.01

±.005

MACHINE SURFACE EXCEPT AS NOTED

64

✓

SCHEMATIC

APPLICATIONS

NEXT ASSY

CONTRACT NO.:

DWN: JAG

DATE 11/16/00

CHK:

ME:

EE: JBP4

1/17/01

QC:

Nucomm™

101 BILBY ROAD
BUILDING 1
HACKETTSTOWN, N.J. - 07840

ASSEMBLY
TNC/TRIAX
INTERCONNECT

SIZE B

FSCM NO. 0NG51

DWG NO. AS902-Y008-00AB

REV A5

SCALE: 1=1

FILE #: Y008A501.DWG

SHEET 1 OF 1

JAG NOV 19, 2002 9:29 AM

3

2

1

