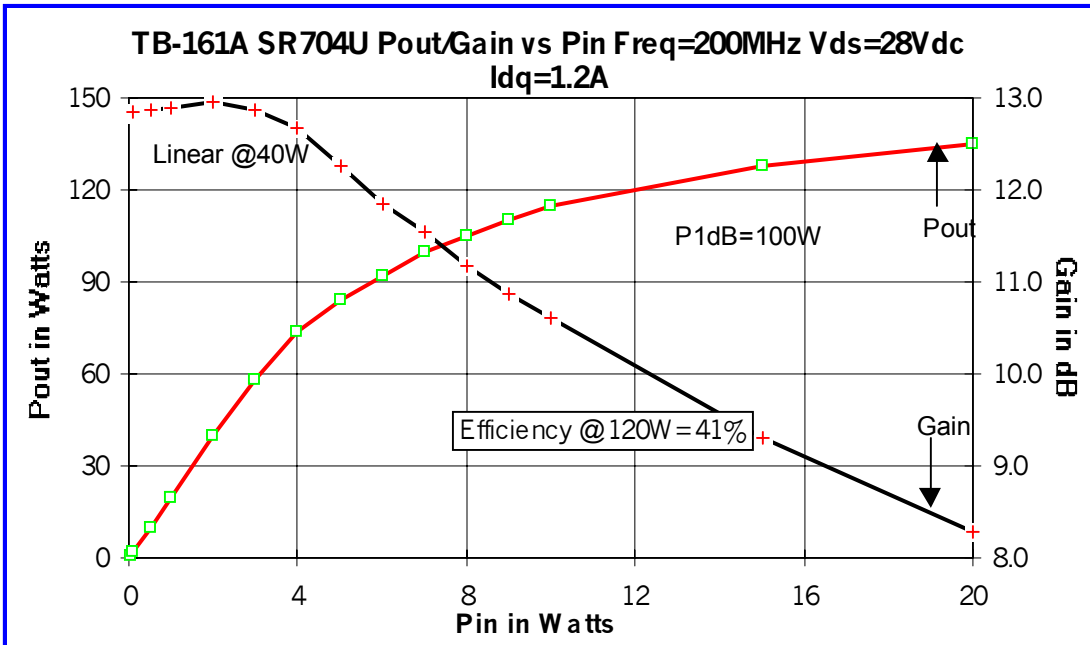
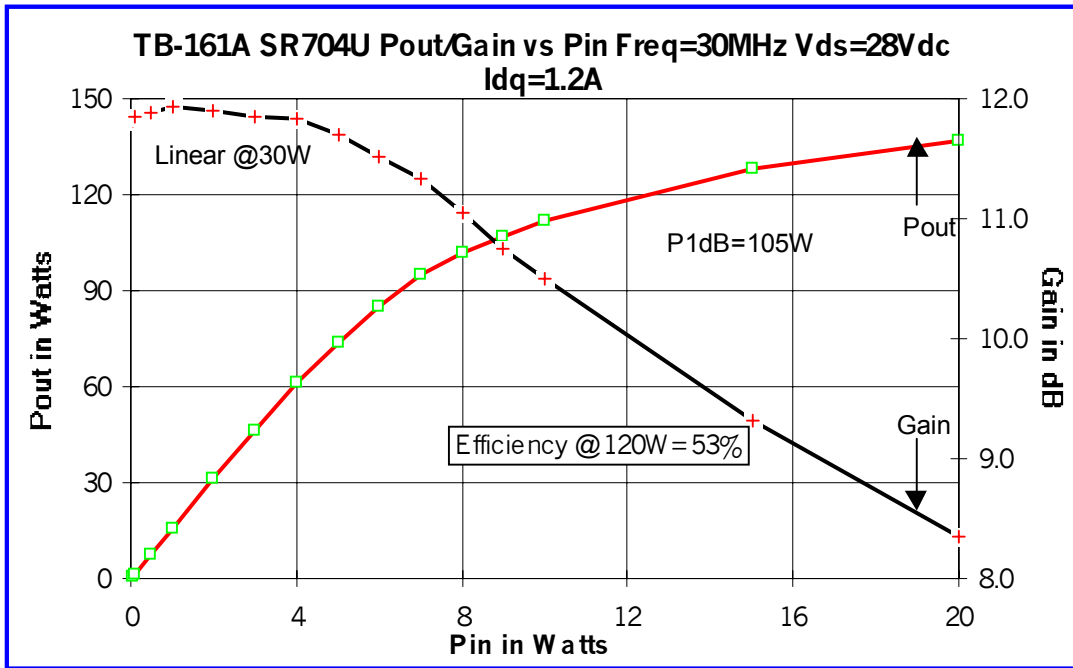
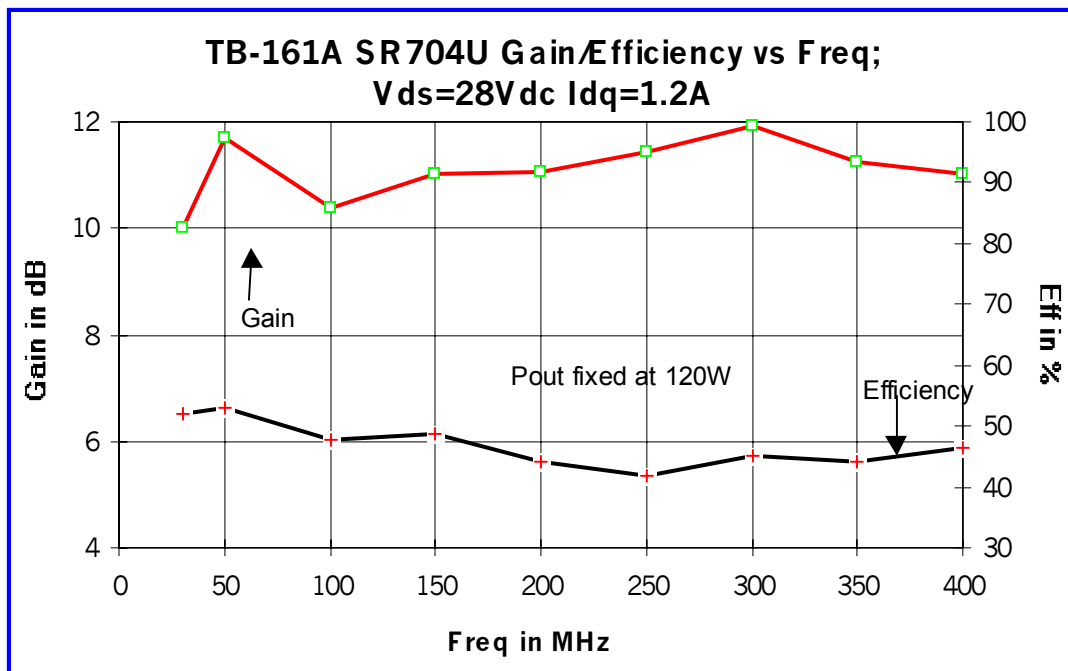
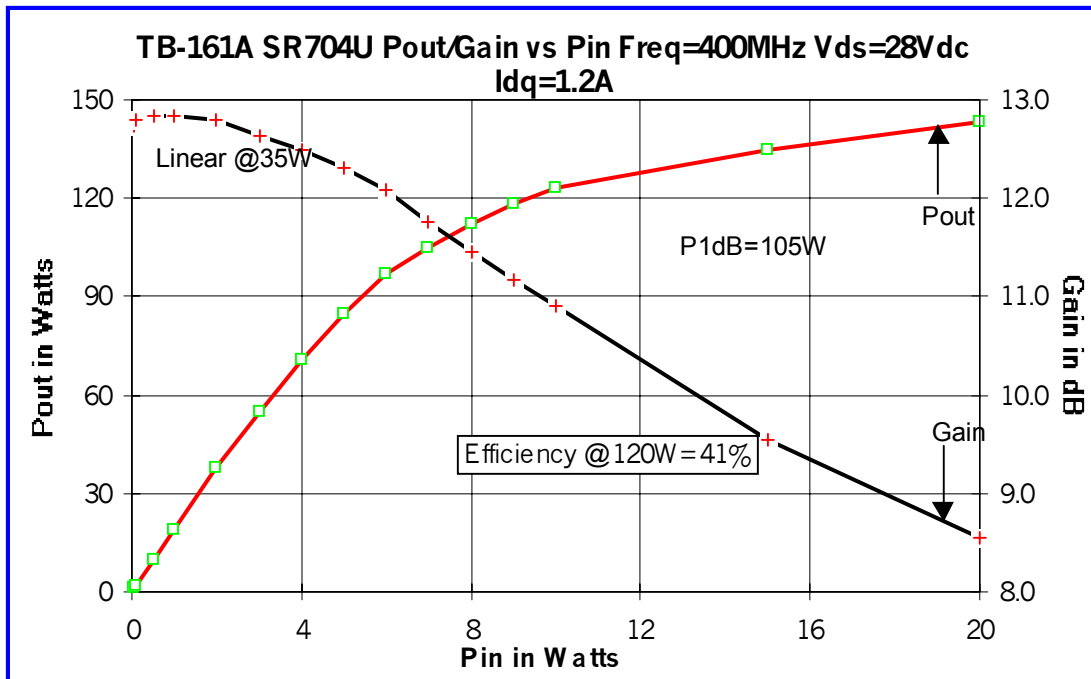
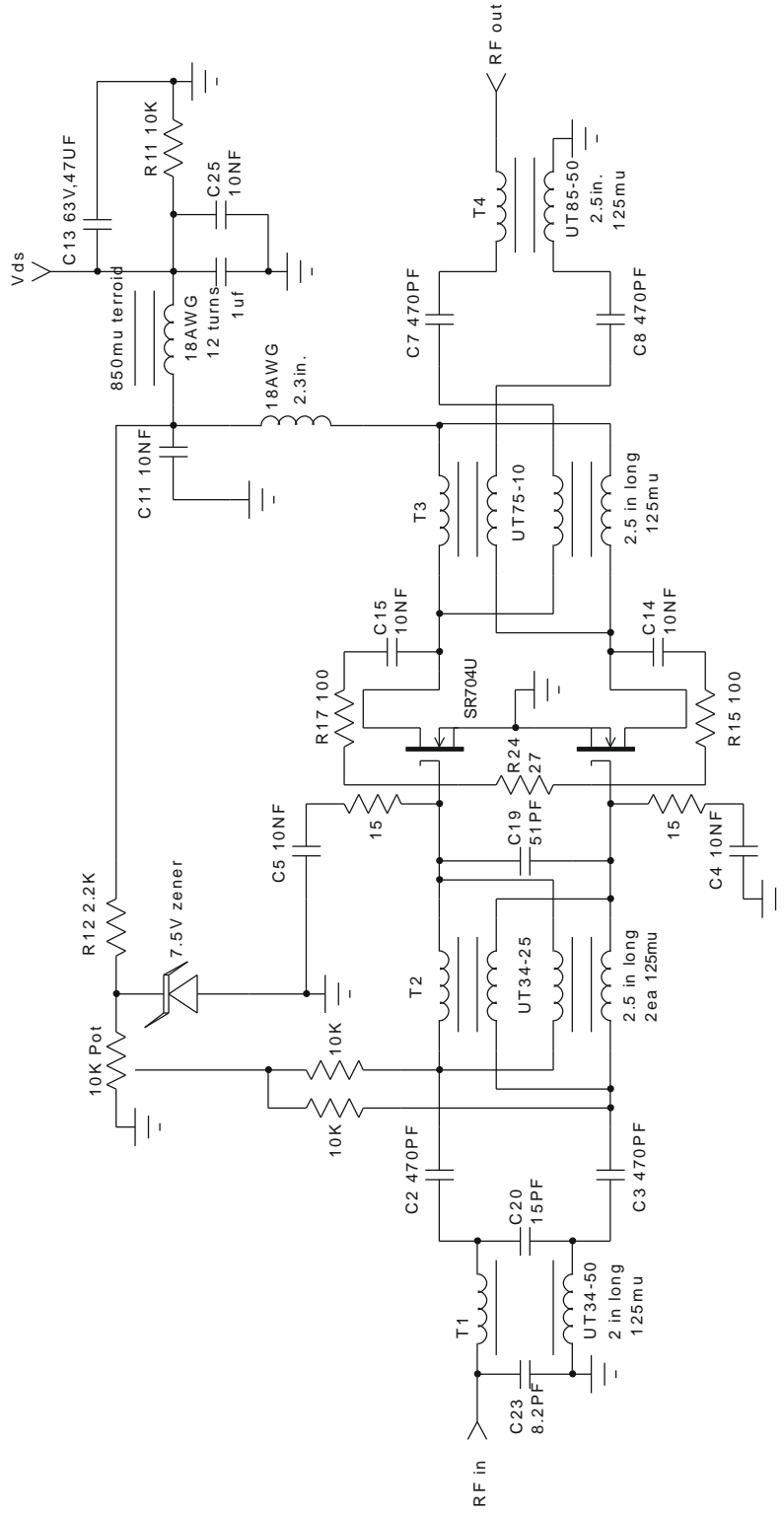


The amp TB161A passed a 3:1 VSWR test at 120 watts out at all phase angles.



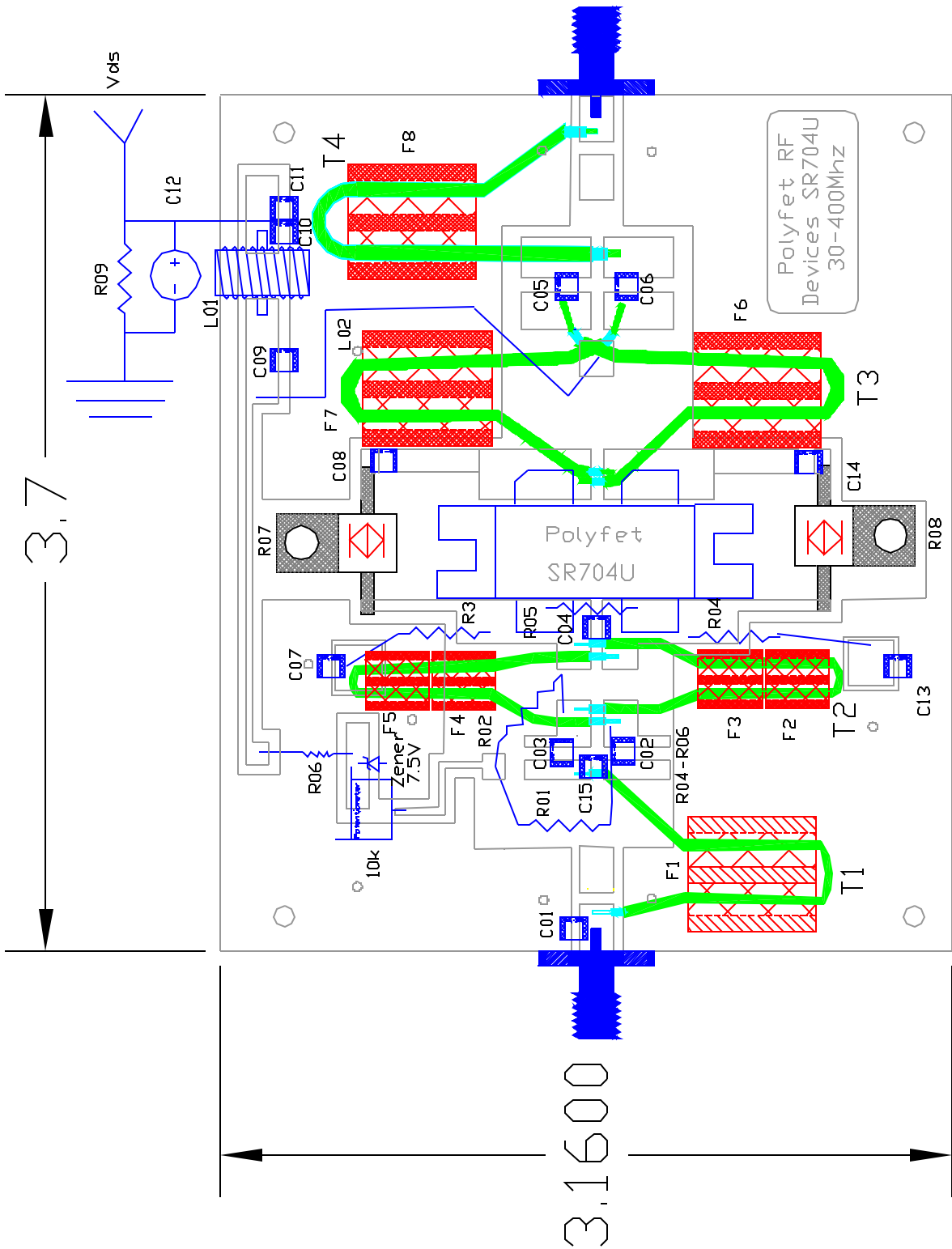




DRN BY	J. Citrolo	10/15/02
CHKD		
ELECT		
MECH		
PROC		
QUAL		
PGMS		
Polyfet RF Devices		
TB 161A 30-400Mhz 120W		
SIZE	FSCM NO.	REV
A	SR704U Vds=28Vdc Idq=1A	

C01	ATC-100B 8.2pf
C02,C03	ATC-700B 470pf
C04	ATC-100B 11pf
C05,C06	ATC-700B 470pf
C07-10	ATC-200B 10nf
C13,14	ATC-200B 10nf
C11	1uf, 35V Tantalum
R01,02,09	1/4W axial 10K ohm
R03,04	1/4W axial 15 ohm
R05	2W axial 15 ohm
R06	1/4W axial 2.2K ohm
R07,08	20W KDI 100 ohm
R09	2W 22 ohm
R13	1/4W 10K ohm
L01	20AWG 10T 850mu
L02	18AWG straight wire
G01	SR704U
Vds	28Vdc
Icq	1.2A

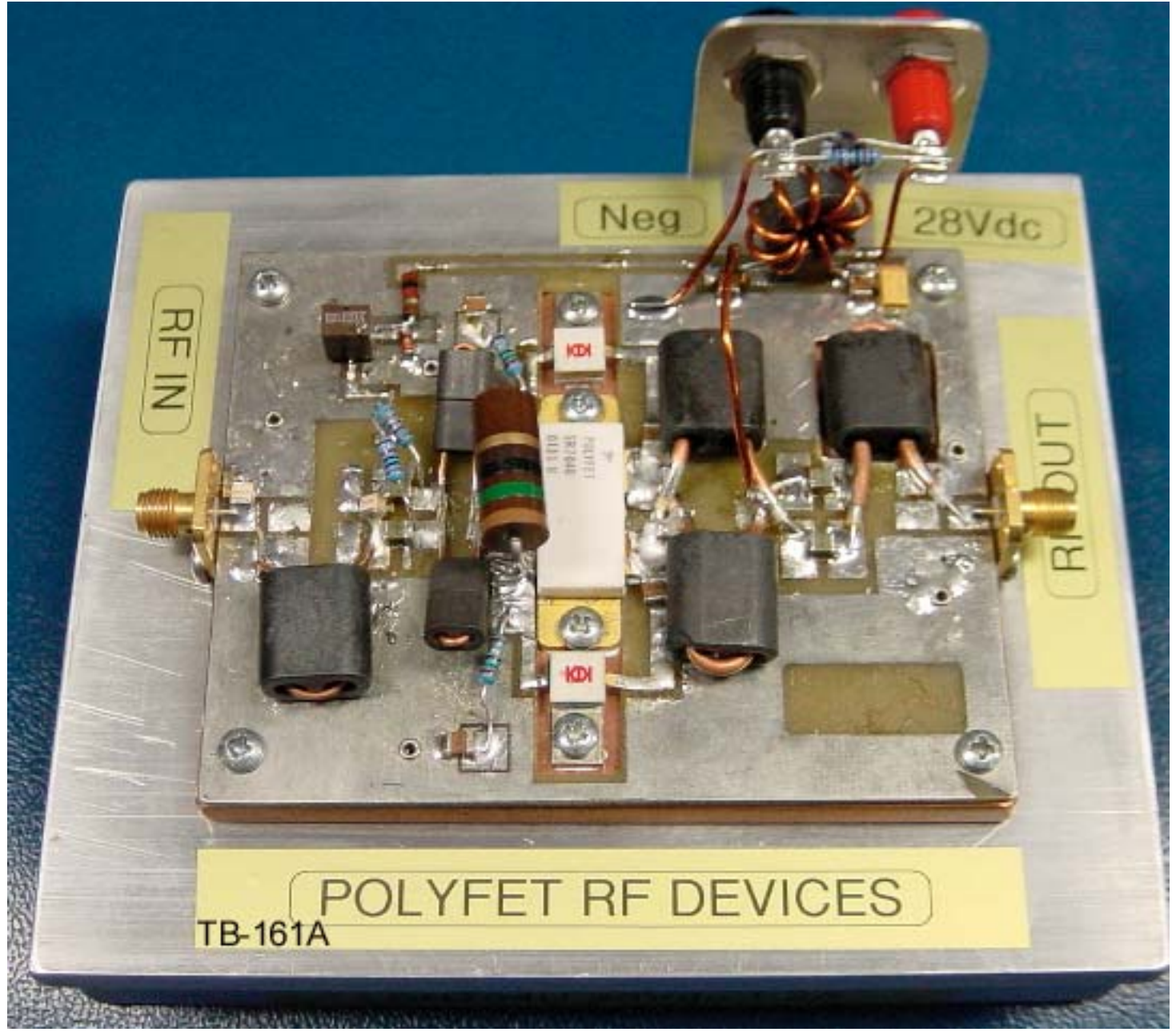
T1: UT34-50 2.5in.
T2: UT34-25 2.5in.
T3: UT75-10 2.5in.
T4: UT85-50 2.5in.
F8 is epoxied to copper thru pcb.



DRN BY	J. Citrolo	10/15/02
CHKD		
ELECT		
MECH		
PRG		
DRWL		
PRBS		

POLYFET RF DEVICES	
SR704U 30-400MHz TB161A, 28V, 1.2A	
SIZE	FSCM NO.
REV	120W, vds=28Vdc, Icq=1.2A
A	
SCALE:	pcb: 1:1
	SHEET 1 OF 1

PCB is FR4, H=0.064", double-sided 1 oz. copper, Er=3.5
F2-F5= AMIDON BN-61-2402 125mu BINOCULAR FERRITE
F1-F6-8= FERRONICS 12-365-K 125mu BINOCULAR FERRITE



RF IN

Neg

28Vdc

RF OUT

POLYFET RF DEVICES

TB-161A