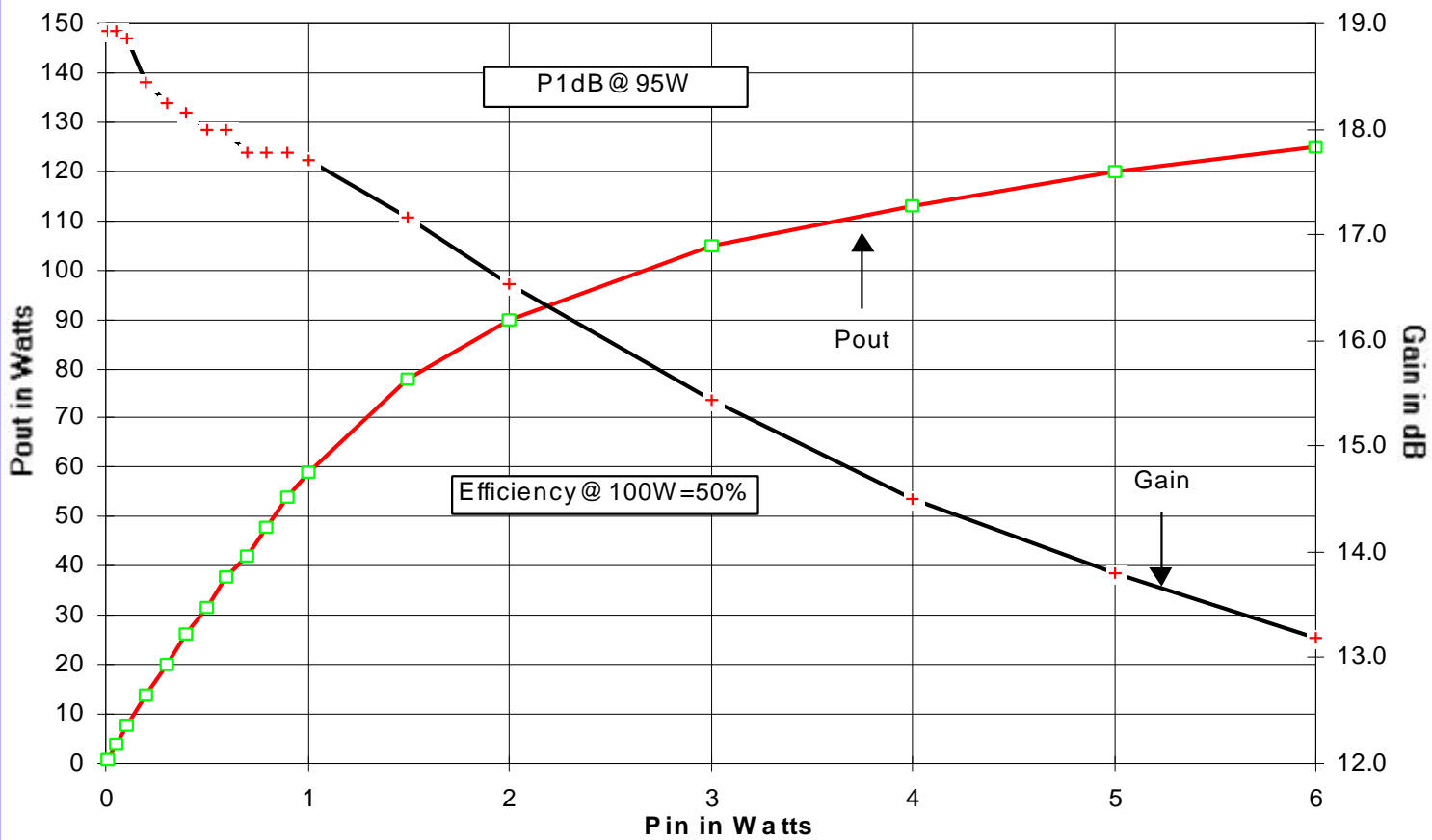
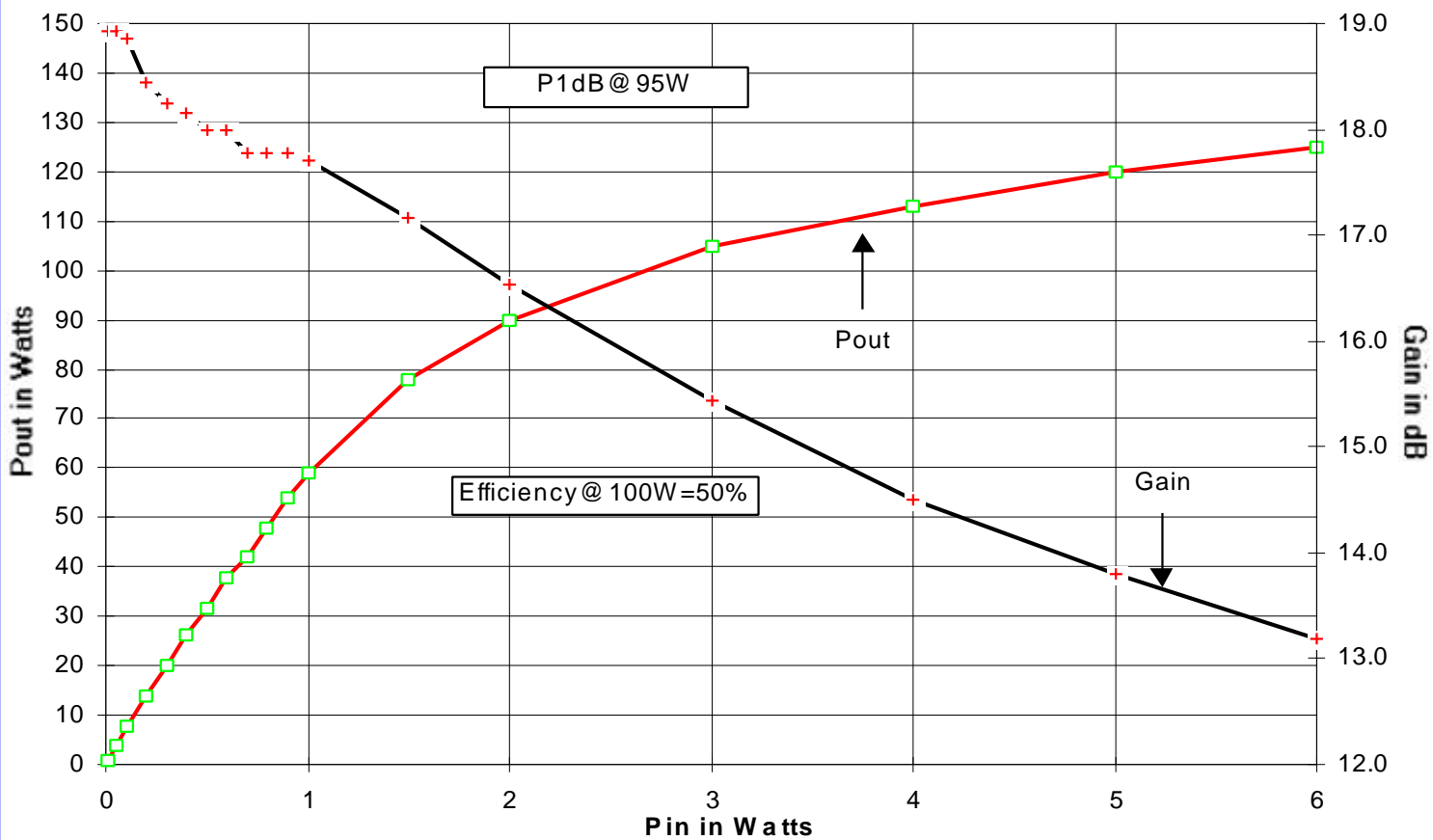


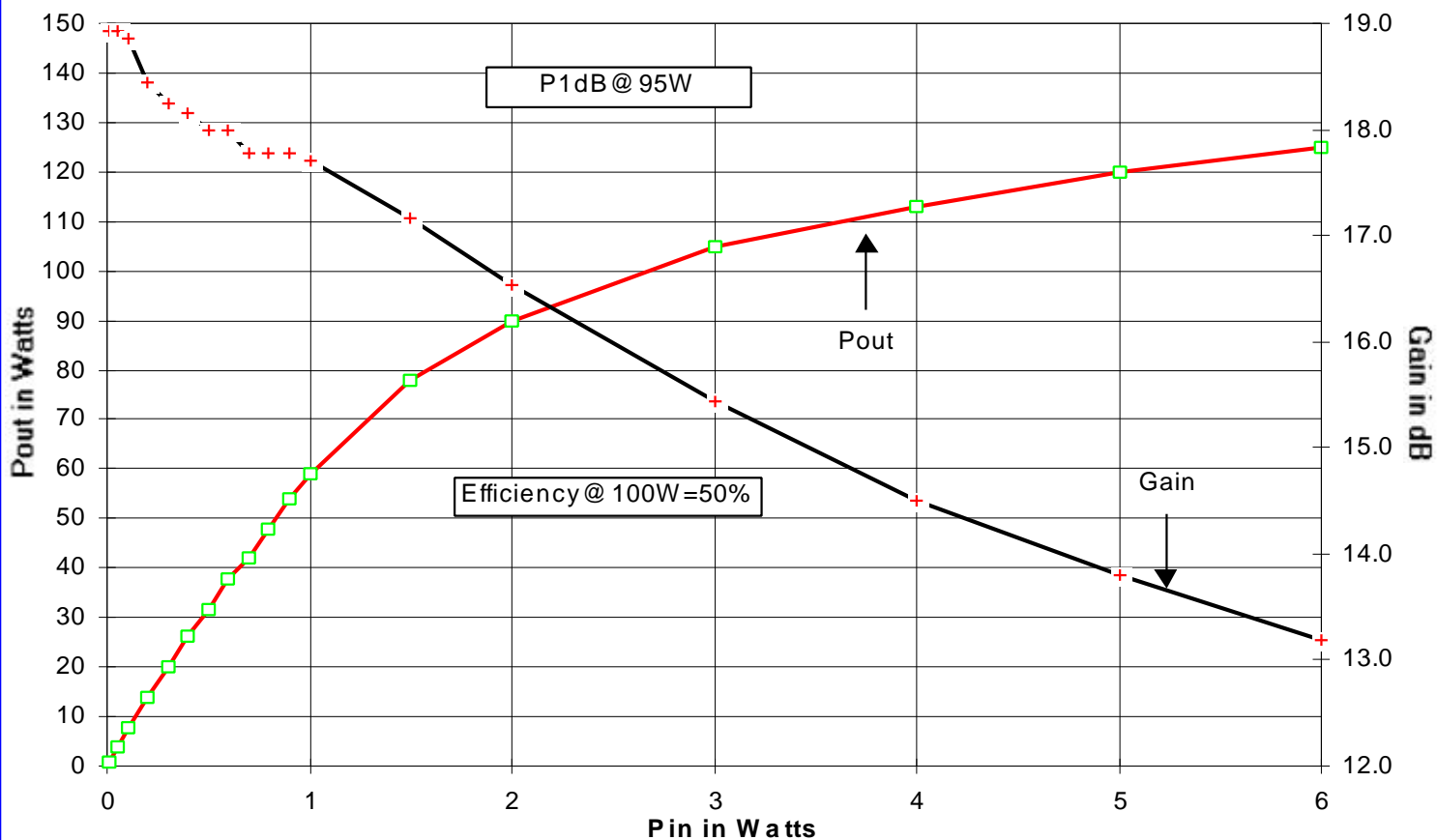
TB110A Pout/Gain vs Pin F=30MHz



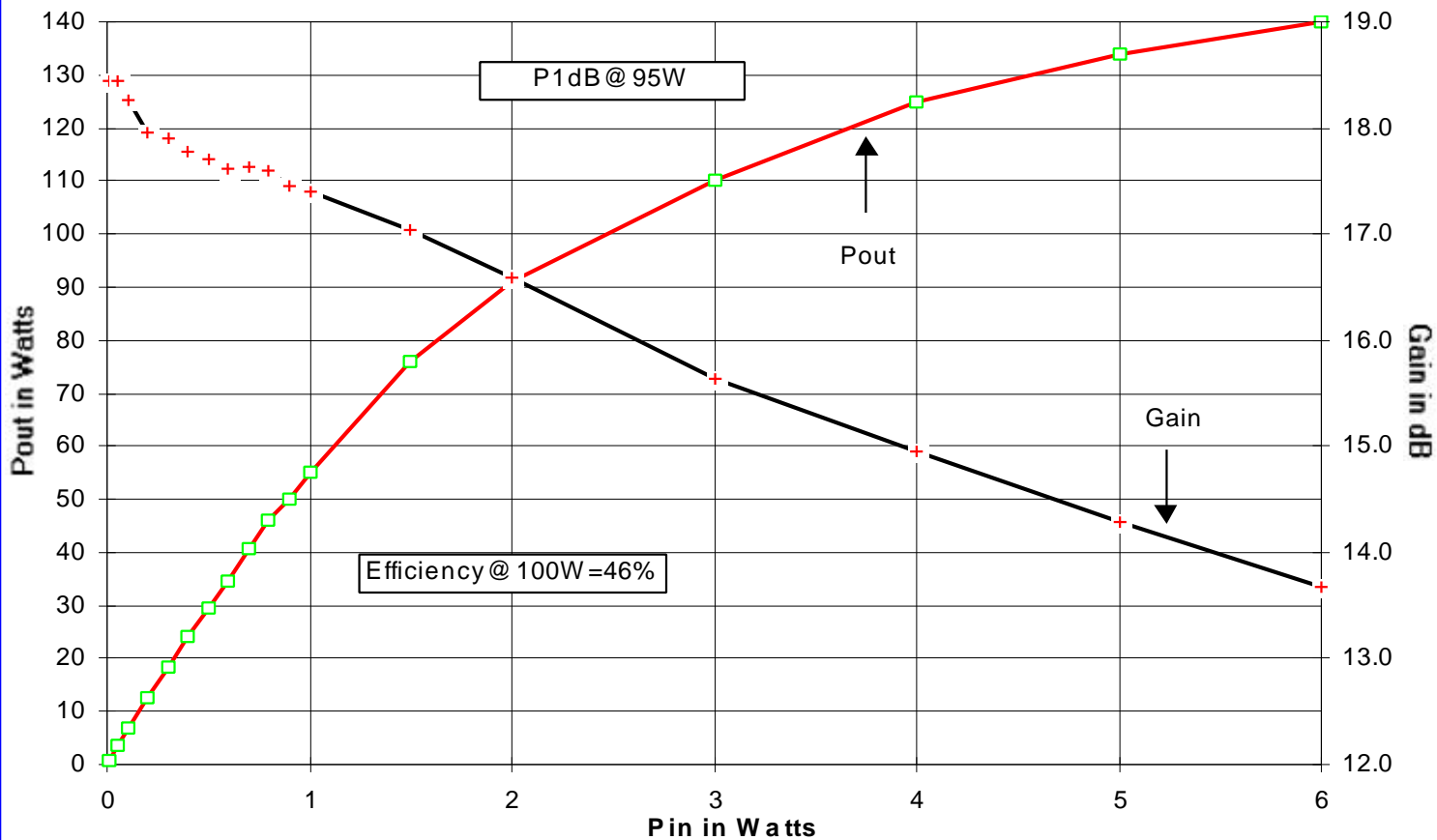
TB110A Pout/Gain vs Pin F=30MHz



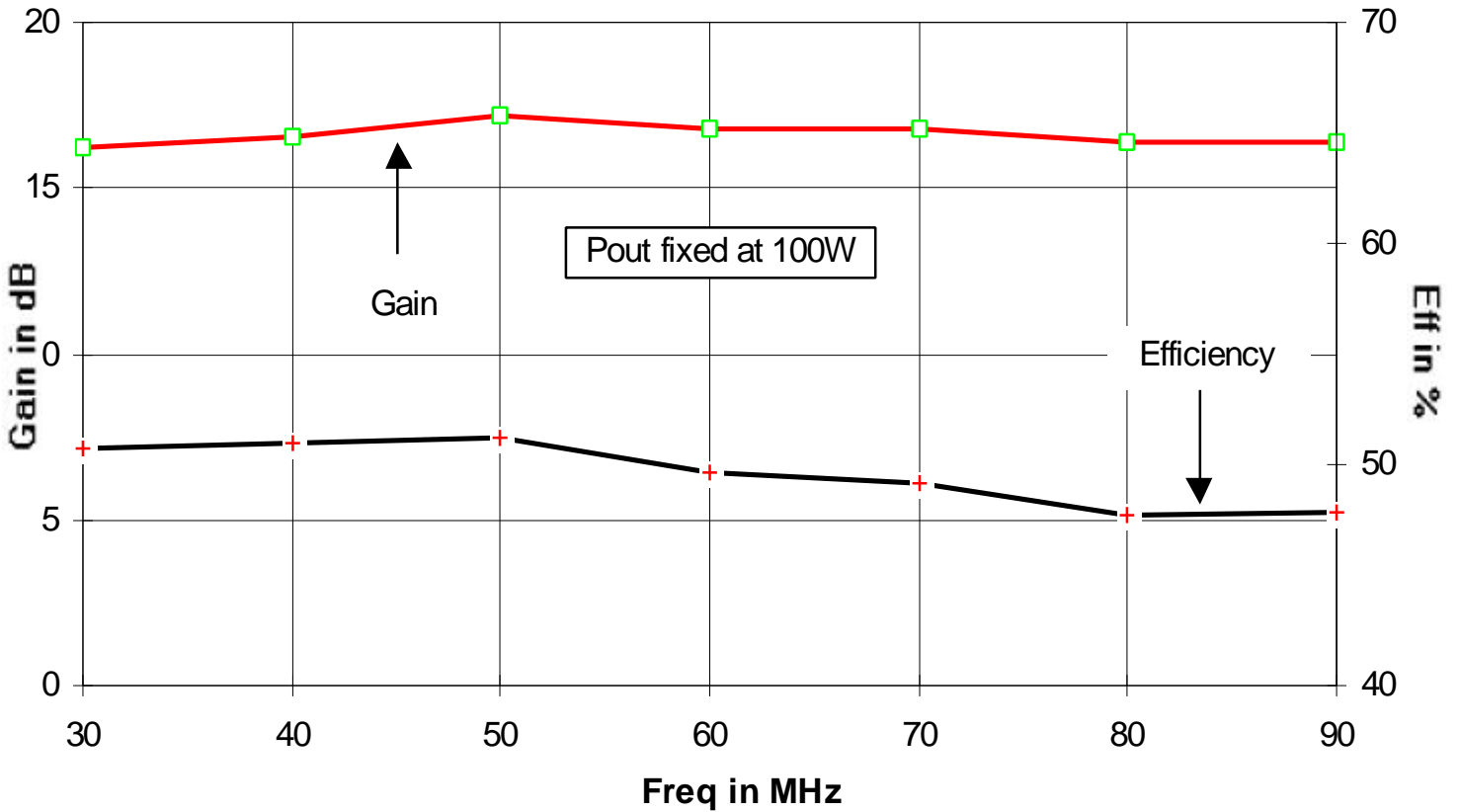
TB110A Pout/Gain vs Pin F=30MHz



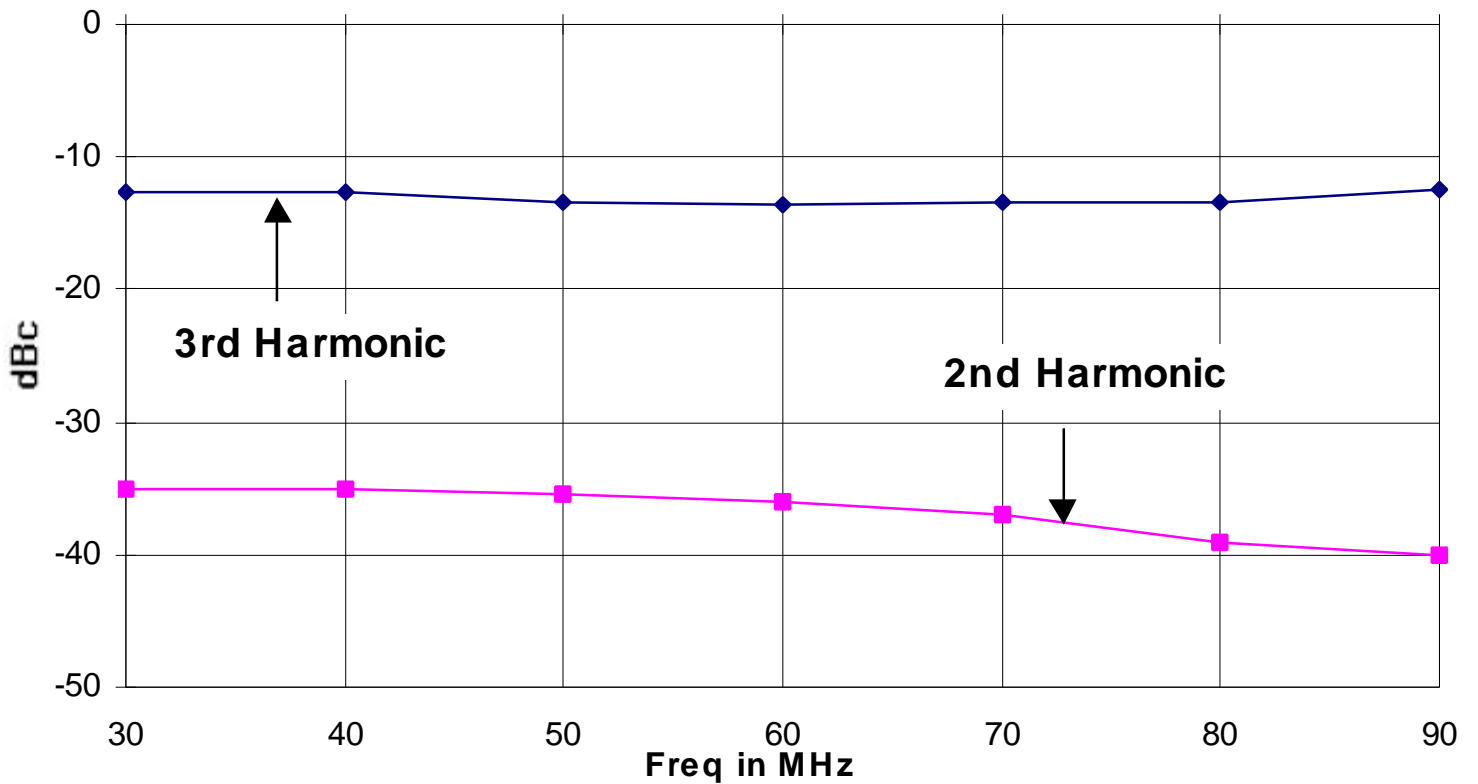
TB110A Pout/Gain vs Pin F=88MHz

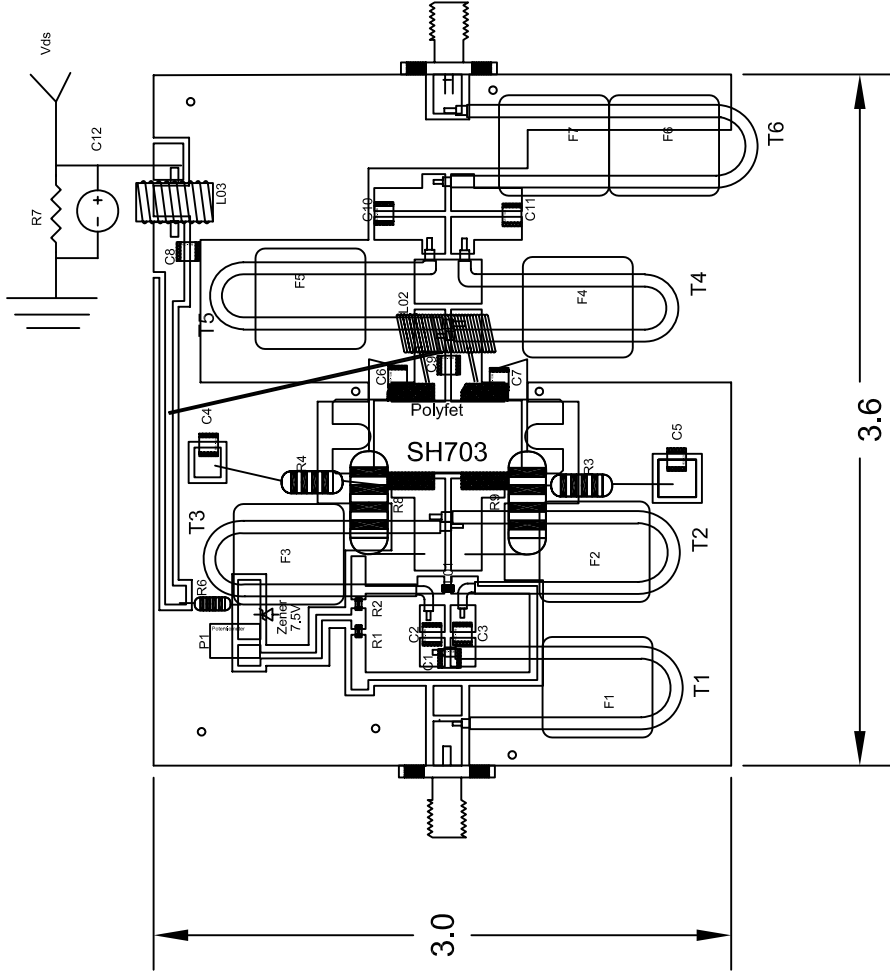


Gain/Efficiency vs Freq VDS=28Vdc Idq=.8A



TB110A Vds=28Vdc Idq=.8A, 2nd/3rd vs Freq @ 100W





F1-F7= AMIDON BN-61-202 125mu BINOCULAR FERRITE

T1: UT85-50, 3.5 in.

T2-T3: UT75-10 3.5 in.

T4-T5: UT85-15 3.5 in.

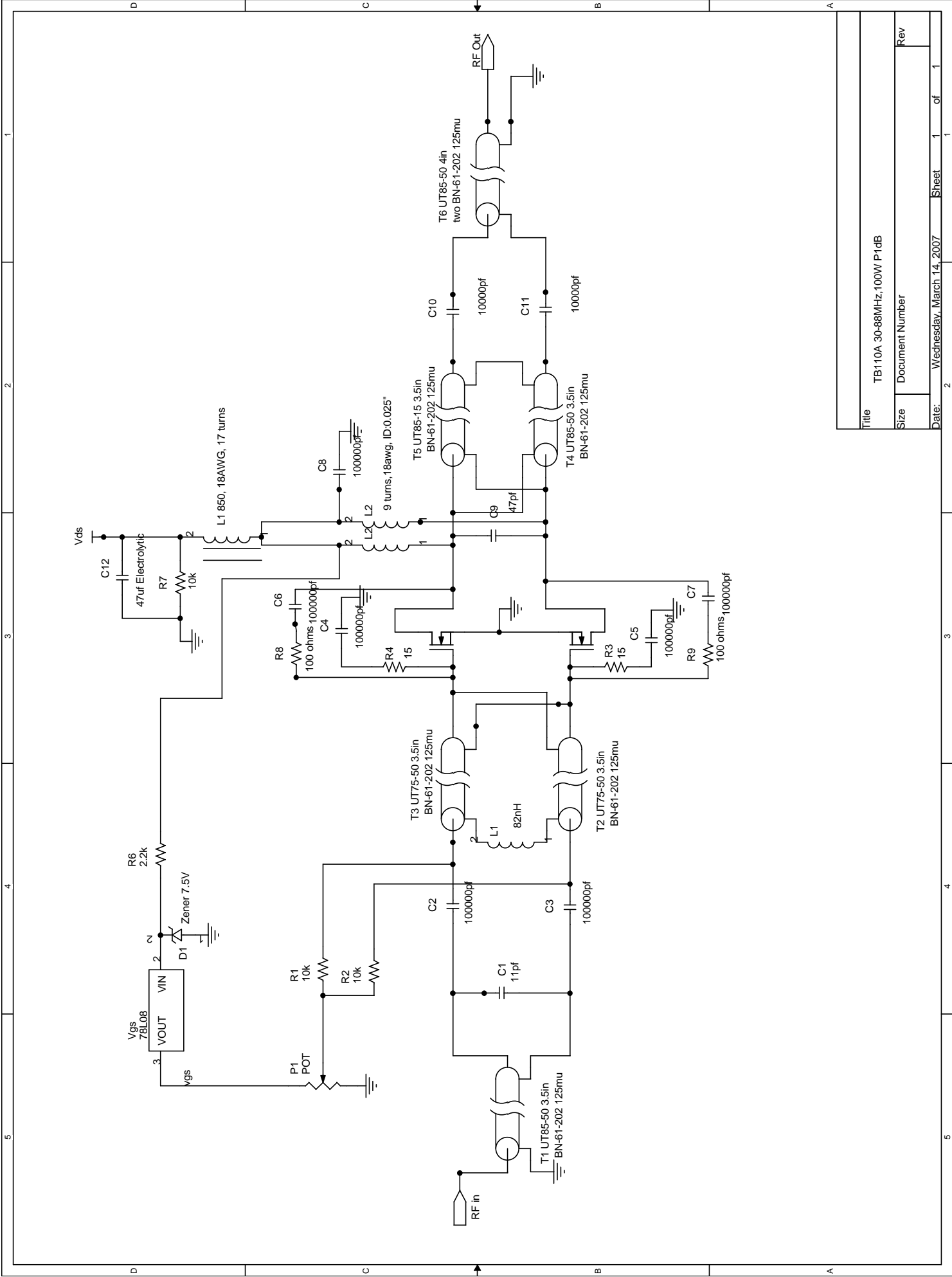
T6: UT85-50 4in.

*Cut hole through pcb and epoxied F04-07 to copper using resinlab, ellsworth adhesives

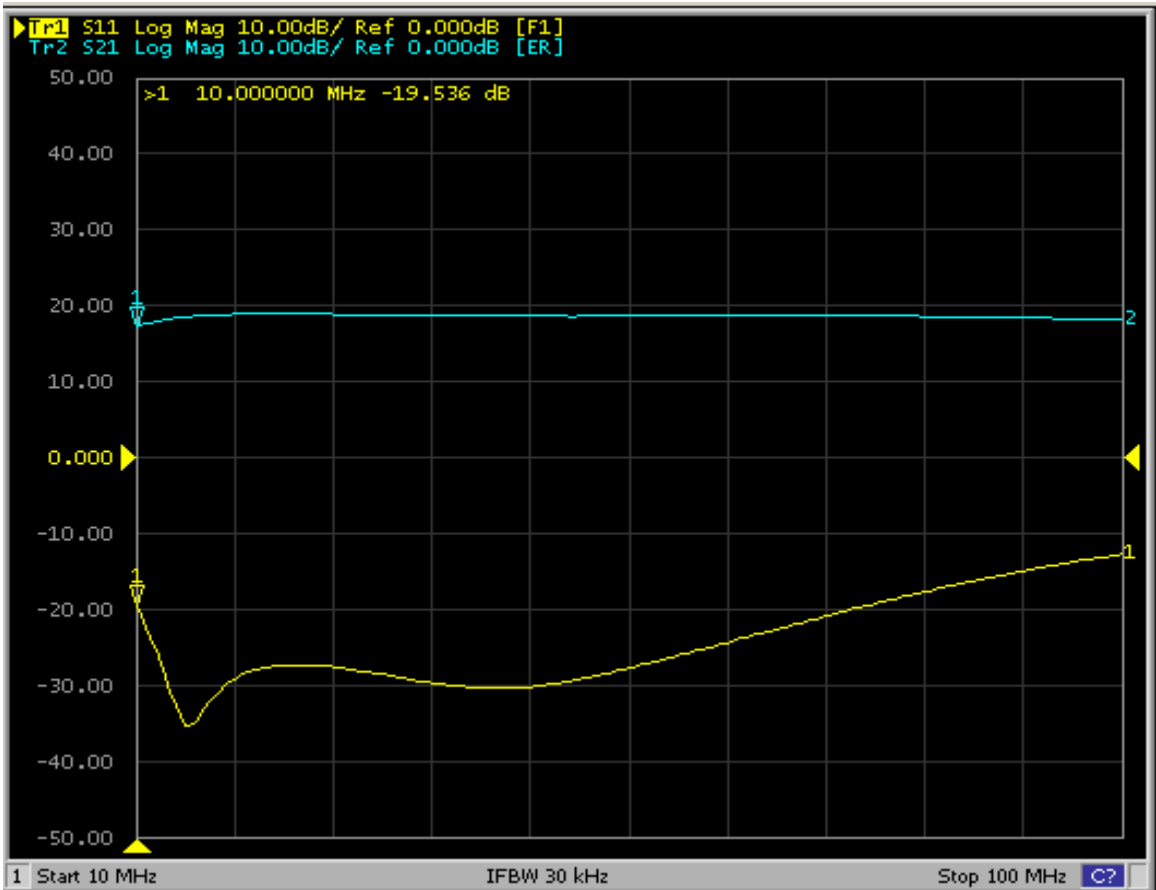
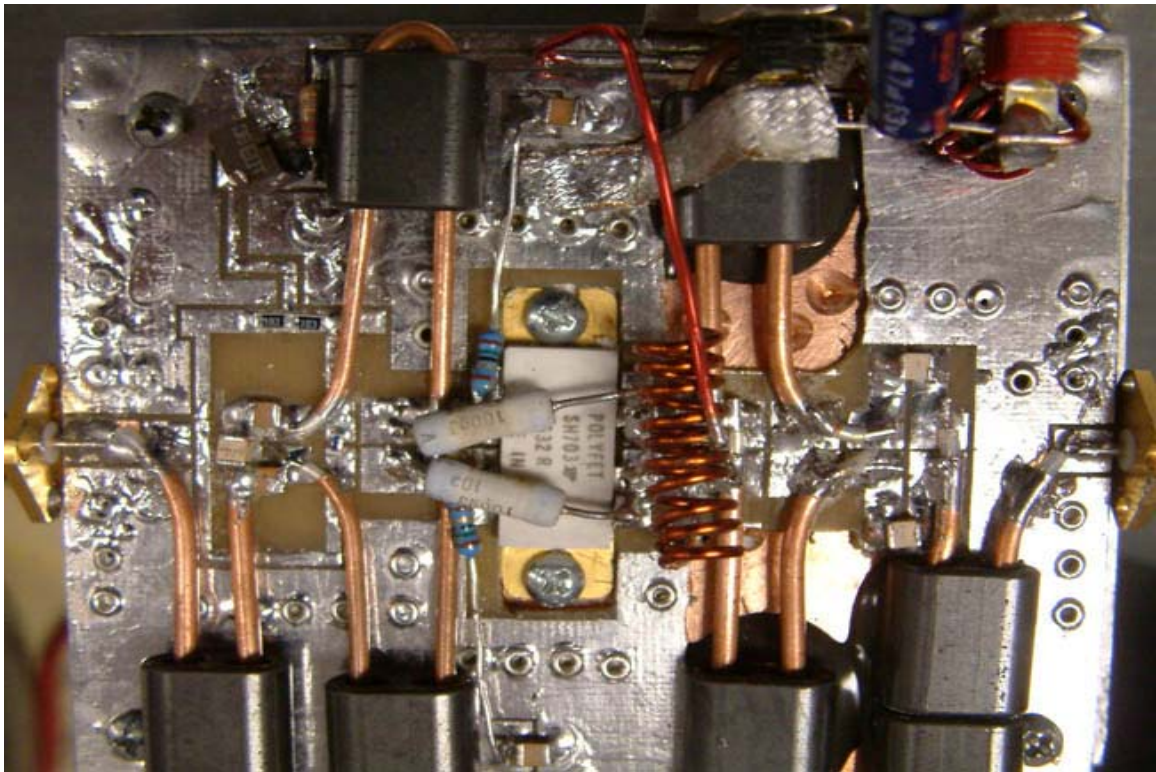
C1	ATC-100B 11pf
C2, C3, C4	ATC-700B 100000pf
C5, C6, C7	
C8	
C9	ATC-200B 33pf
C10, C11	ATC-700B 1000pf
C12	63uf,47V elec.
R01-02	0805 CHIP RES. 10K
R03-04	1/4W 15 ohms
R08-09	2W 100ohms
R06	1/4W 2.2K ohms
R07	1/4W 10K ohms
L01	82nH surface Mount Coil/Craft 0805HT-82NTJL
L02	9 turns, 18awg
L03	22AWG 850mu, 10 turns
P1	10K pot
F01-07	125mu Binocular
T01	UT85-50
T02-03	UT75-10
T04-05	UT85-15
T06	UT85-50
PCB	FR4, E _r =3.55 0.064in. thick

DRN BY: Noah Xiong	11/20/02
MOD BY:	
ELECT: M. Cervantes	3/12/07
MECH: M. Cervantes	3/12/07
PROC:	
QUAL:	
MOD BY:	

POLYFET RF DEVICES	
TB110A 30-88MHz, 100w P1dB	
SIZE	FSCM NO.
	SH703 VDS=28VDC IDQ=0.8A
REV	
SCALE: pcb 1:1	SHEET 1 OF 1



Title		TB110A 30-88MHz,100W P1dB	
Size	Document Number	Rev	
Date:	Wednesday, March 14, 2007	Sheet	1 of 1



TB110A