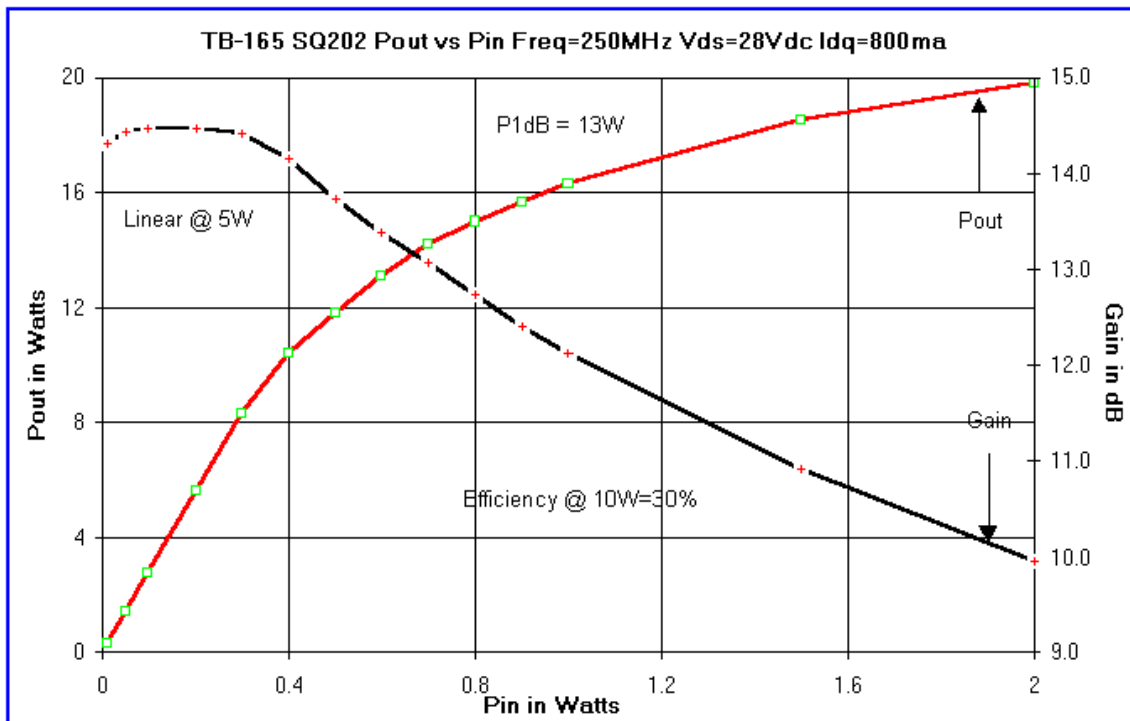
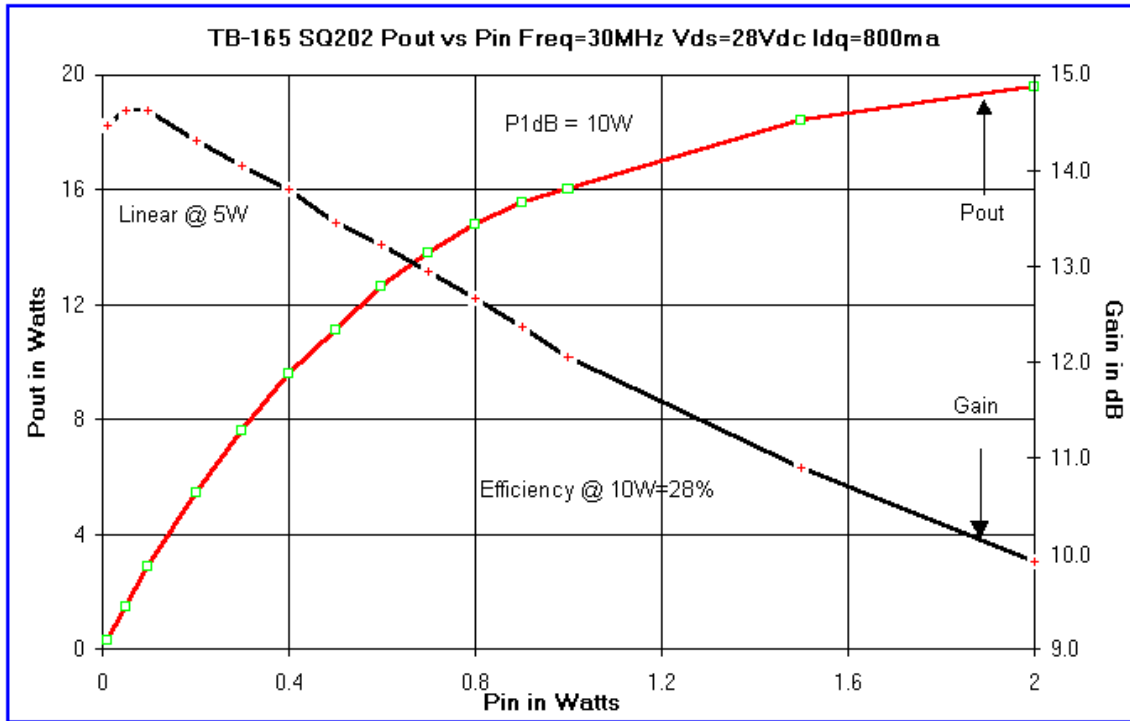
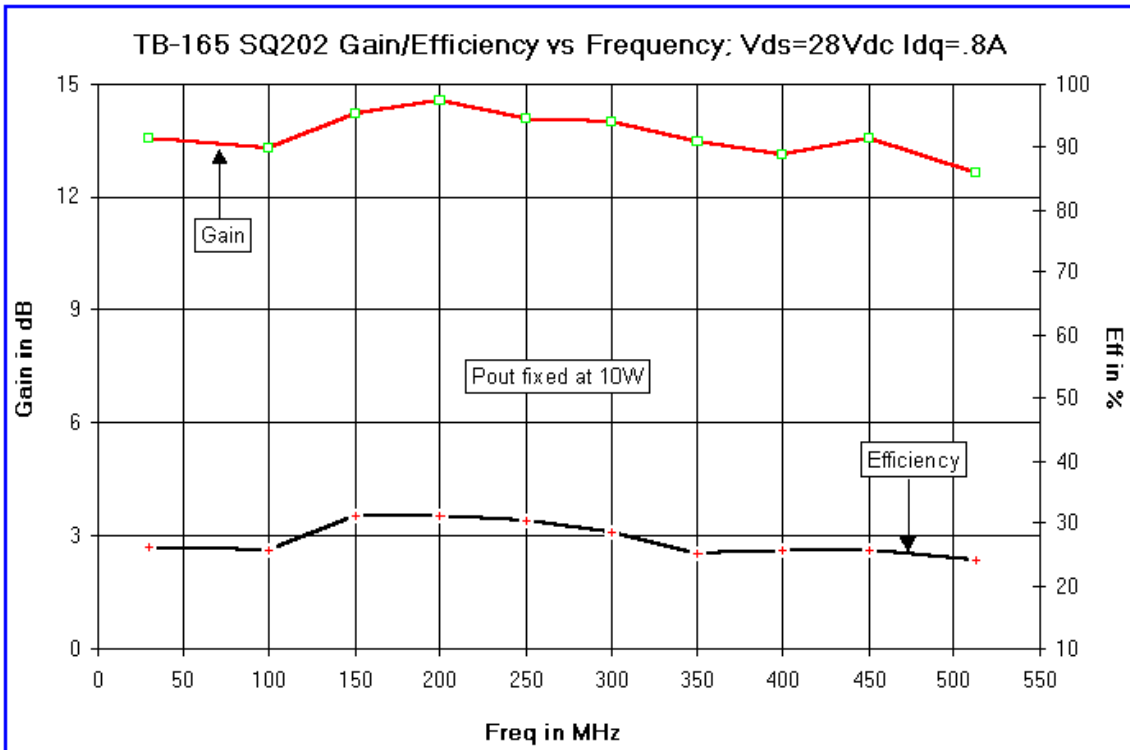
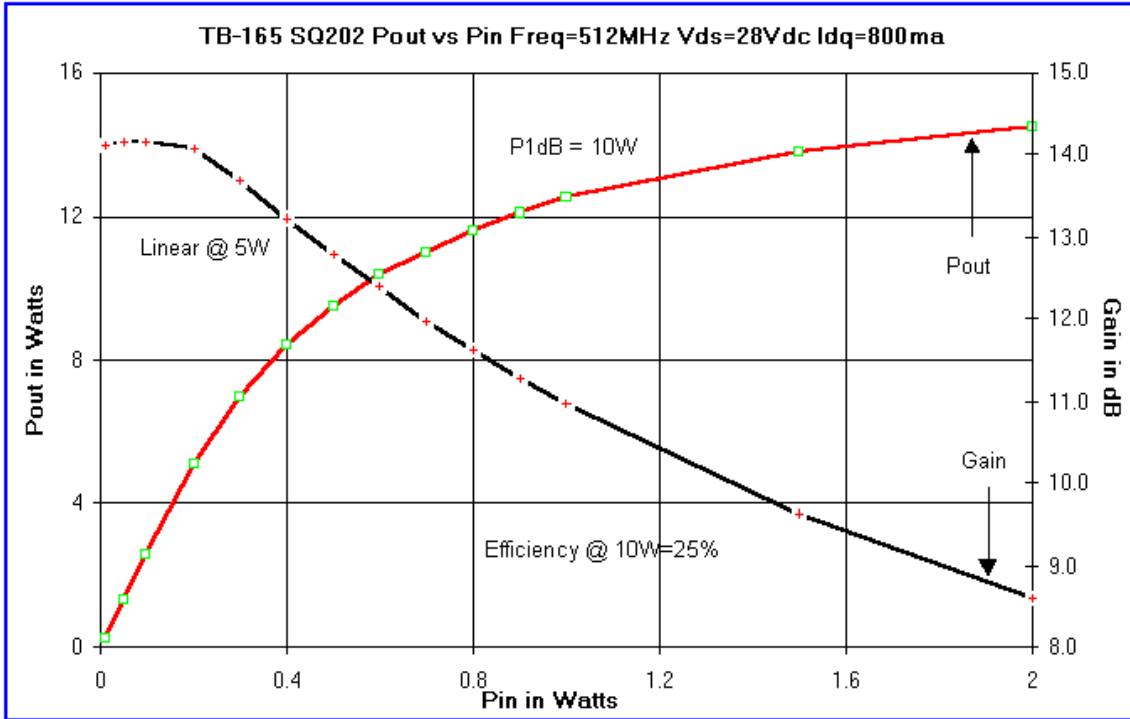
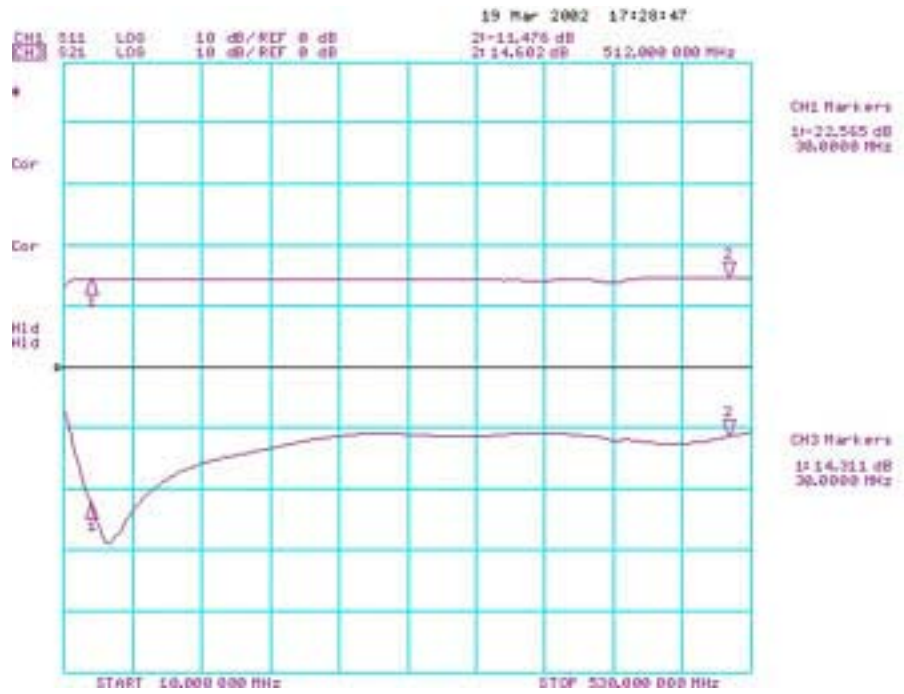
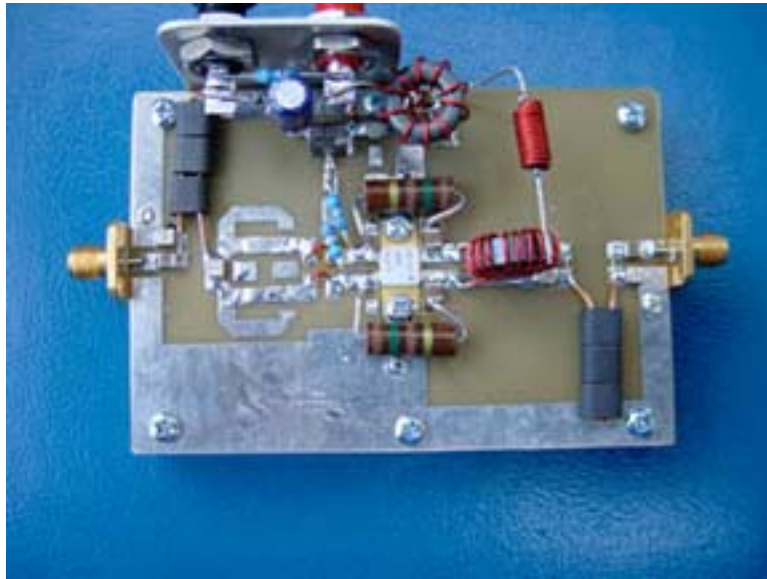


TB165



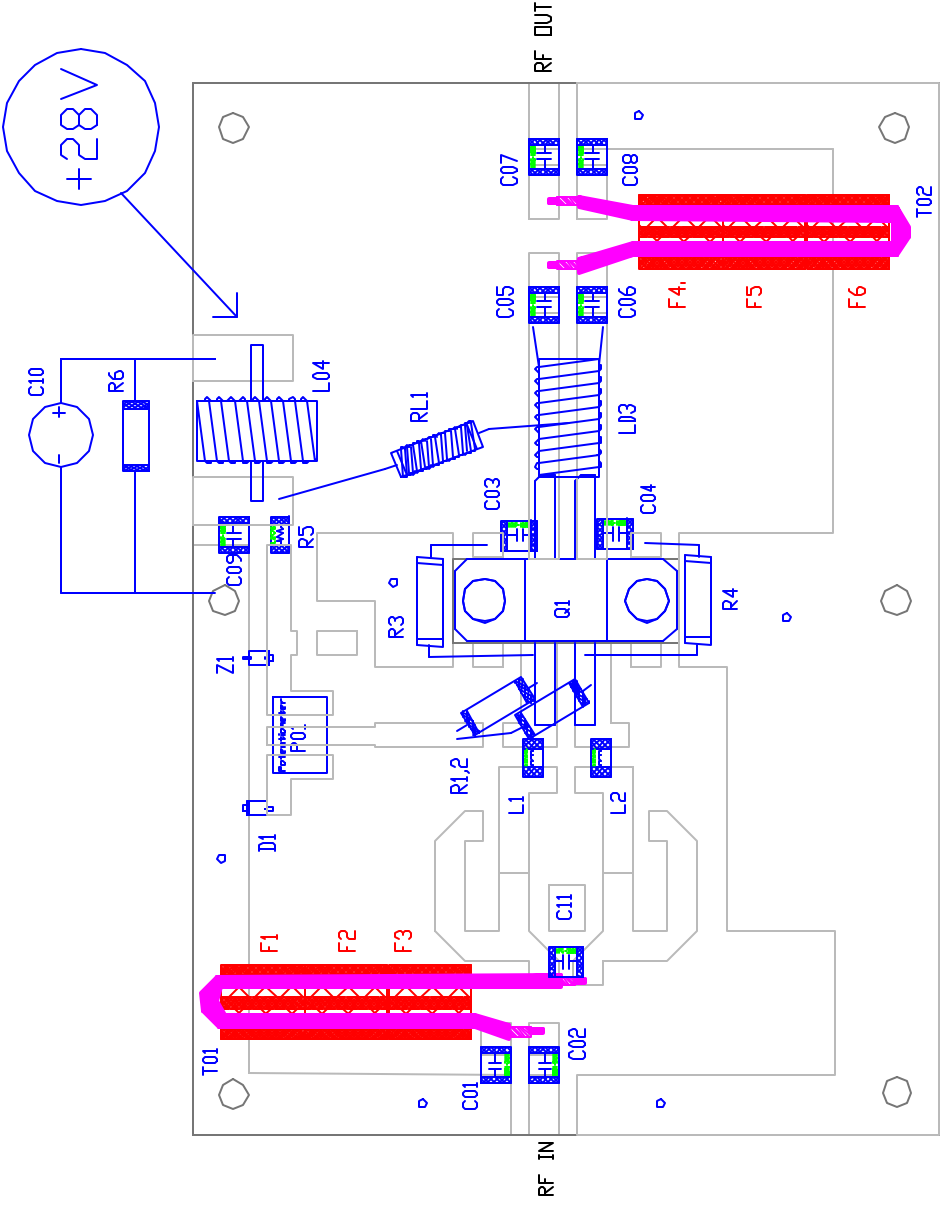


TB - 165

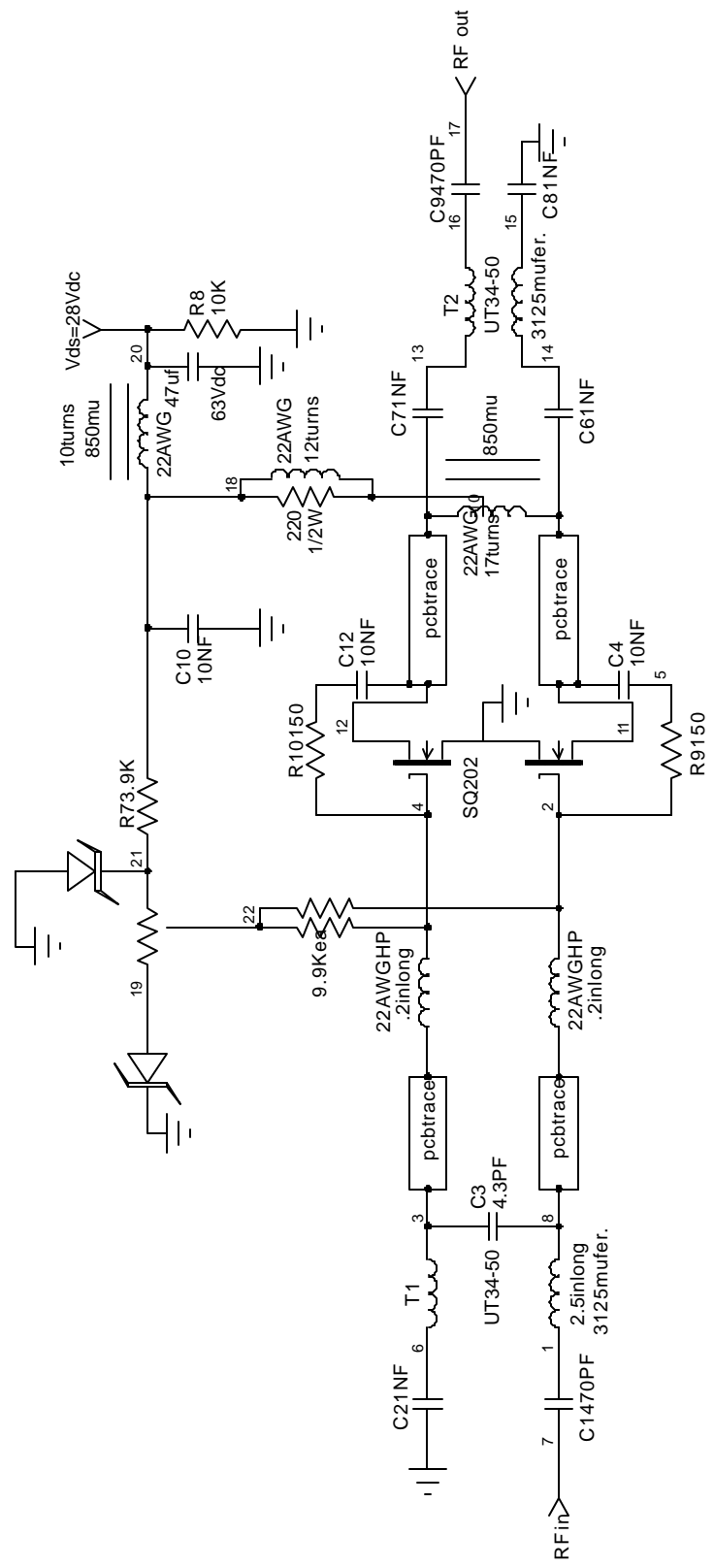


SYMBOL	VALUE	DESCRIPTION
C01,05,06,08	1000pF	ATC100B CHIP CAP.
C02,C07	470pF	ATC100B CHIP CAP.
C11	4.3pF	ATC100B CHIP CAP.
C03,04,09	10nF	ATC100B CHIP CAP.
C10	47uF	ATC100B CHIP CAP.
R1,2	9.09k	1/4W axial resistor
R3,4	150	1W axial resistor
R5	3.9k	0805 chip resistor
P01	10k	multi-turn POT
RL1	22AWG	around 220ohm 1/2W
D1	---	general purpose
Z1	7.5V	5mA Zener diode
T01,T02	2500mil	UT34-50ohm Coaxial balun
L01,L02	22AWG	22AWG .2in Long
L03	22AWG	850mu,center-tap,19 turns
L04	22AWG	850mu, 10 turns
F1-6	125mu	Amidon BN-61-2402
Q1	SQ202	Polyfet Transistor
VDD	28V	DC Power Supply
Bias	800mA	Bias Current

DRN BY: J.Citrolo	3/20/02
CHKD :	
ELECT: J Citrolo	
MECH: J Citrolo	
PROC :	
QUAL :	
PENG :	
POLYFET RF DEVICES	
30-512Mhz, 10W P1dB	
SIZE	FSCM NO
TB165	LAYOUT
REV	0
SCALE: 1 : 1	SHEET 1 OF 1



PCB Material : Double Side FR4
ER=3.55, H=0.032", T=0.001"



DATE	3/20/02	Polyfet RF Devices Demo Amp	
DESIGNER	J. Citrolo	TB 165 10W P1dB30-512Mhz	
ELECT		SIZE	FSCN NCL
MECH		REV	
PRICE		A	SQ20228Vdc, 800ma
QUANTITY			
PAGES			