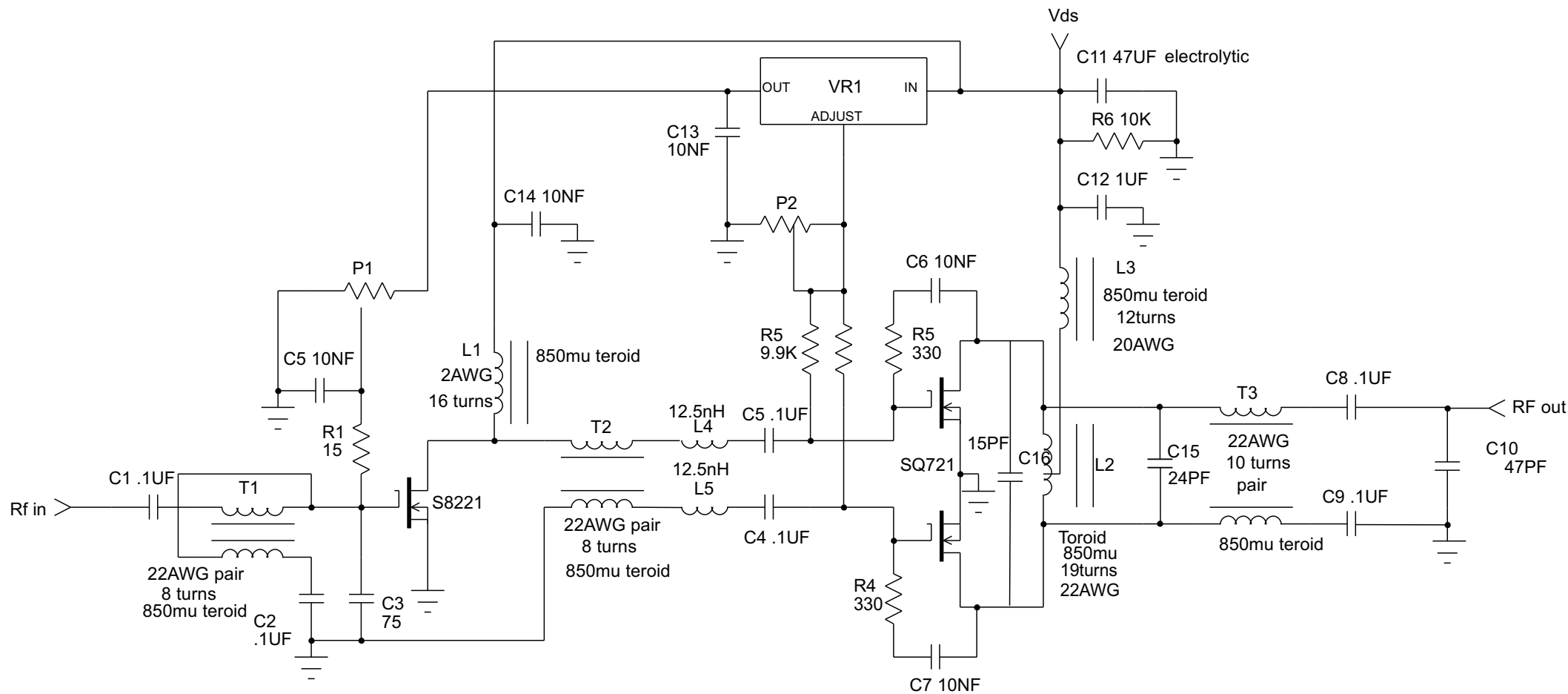


SYMBOL	VALUE	DESCRIPTION
C1,2,4,5,8,9	.1uf	ATC200B104NW50X
C3	75pf	ATC100B750MW500X
C10	47pf	ATC100B470MP500X
C15	24pf	ATC100B240MP500X
C16	15pf	ATC100B150MP500X
C11	47uf	Digi Key 565-1350-ND
C12, Mouser Tantalum	1uf	74-293D50V1.0C
C6,7,13,14,15	.01uf	ATC200B103NW50X
R1 1/4W axial resistor	15	Digi key 15.0XBK-ND
R2,3,6 1/4W axial resistor	9.9K	Digi key 10.0KXBK-ND
R4,5	330	1/2W axial resistor
P01,2 Dige-Key Pot	10k	ST5W103CT-ND
L01, FT-37-43	22AWG	850mu teroid 16 turns
L02, FT-37-43	22AWG	850mu,center-tap,19 turns
L03, FT-50-43	20AWG	850mu, 12 turns
L4,L5	12.5nH	A04TGL CoilCraft
VR1, Dige-key	8V	NJM78L08A, V-reg
T01,T02, FT-37-43	22AWG	850mu teroid 8turns twisted pair
T03, FT-50-43	22AWG	850mu teroid 10turns twisted pair
Q1	S8221	Polyfet Transistor
Q2	SQ721	Polyfet Transistor

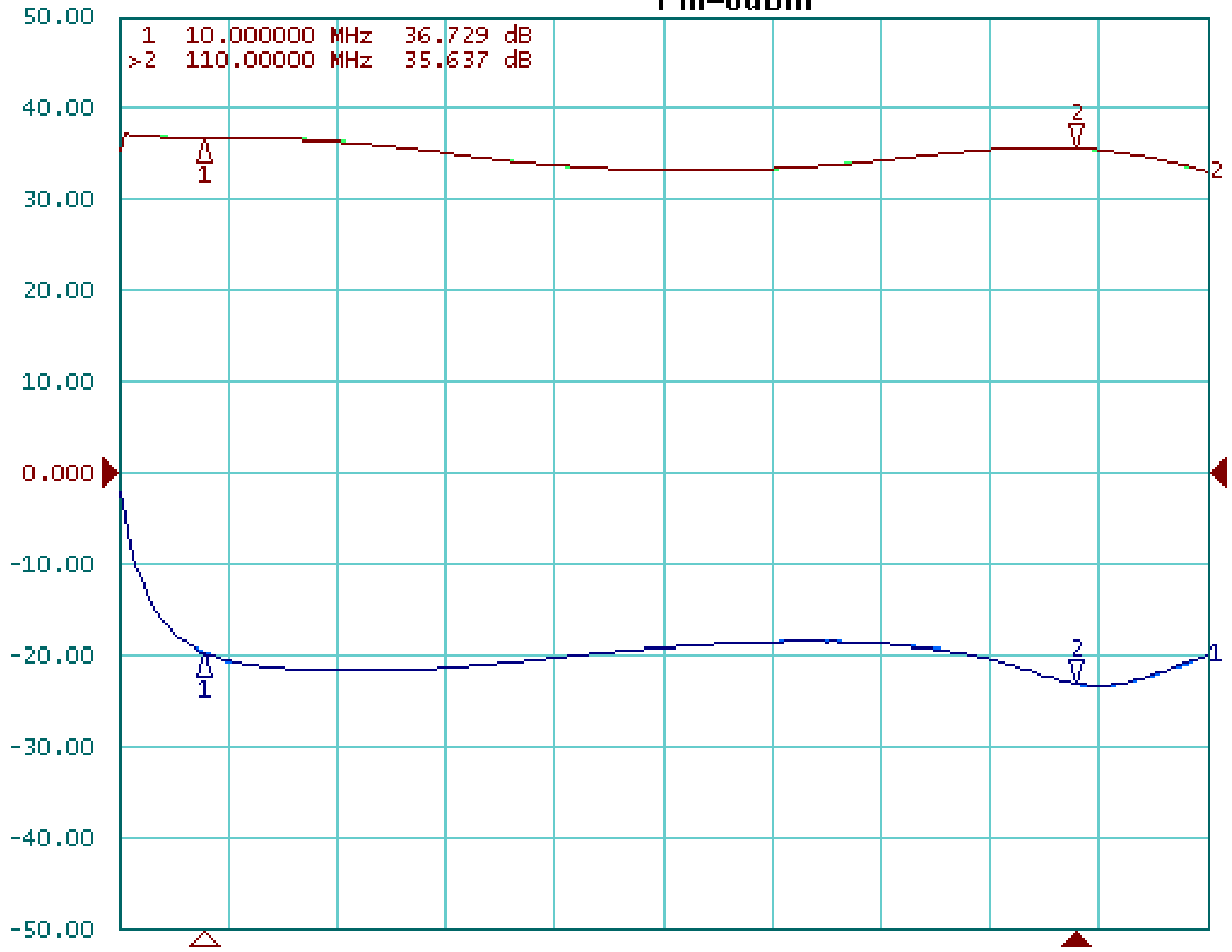
PCB Material : Double Side FR4
 ER=3.55, H=0.032", T=0.001"

DRN BY: J.Citrolo	12/2/03	POLYFET RF DEVICES		
CHKD :		TB111B 30-88MHz, 10W 25dB		
ELECT : M.Cervantes	01/15/10	SIZE	FSCM NO	REV
MECH : J.Citrolo			S8221-->SQ721 Vds=12.5Vdc, Idq=.6A	
PRDC :		SCALE : 1 : 1		SHEET 1 OF 1
QUAL :				
PGMS :				



DRN BY	J.Citrolo	12/2/03	Polyfet RF Devices			
CHKD						
ELECT	M.Cervantes	01/15/10	Tb111B, 30-88MHz, 10W, 25dB			
MECH	J.Citrolo	12/2/03				
PRDC			SIZE	FSCM NO.	S8221->SQ721 Vds=12.5Vdc Idq=.6A	REV
QUAL						
PGMS						

Tr1 S11 Log Mag 10.00dB/ Ref 0.000dB [F1 D&M] TB111B, Vds=12.5Vdc, Idq=0.2A+04A
Tr2 S21 Log Mag 10.00dB/ Ref 0.000dB [ER D&M] Pin=0dBm



1 Start 300 kHz IFBW 30 kHz Stop 125 MHz