



FIG 44

V_{beQ2}	
0.600	Check Eqn1
0.600	Check Eqn2
0.600	Check Eqn8
0.600	Check Eqn9

Input Data			Result		Data sheet (approx)	
Protected pairs N			1		Pmax(W)	
Vcc	35.00	V				
Re	0.22	Ω				
R1	3031.011	Ω			0.939	
R2	113.885	Ω			0.003	
R3*	227.5	Ω			0.020	
R4	3127.677	Ω			0.066	
R5	2041.205	Ω			0.126	
R6	475.878	Ω			0.045	
VzD2	12.000	V			0.117	
Vref	17.844	V				
V_{beQ2}	0.6	V				
I_{D1}	0.0046	A				
$V_{I_{D1}}$	0.6	V				
I_{D2}	0.0097	A				

*For N protected pairs of o/p devices, R3 actual = R3xN

Vce	Ic	Vout
0.0000	7.9415	33.2529
28.4000	2.4000	6.0720
69.9890	0.0500	-35.0000

Dual

0.0000	12.5000	32.2500
16.1000	4.8000	17.8440
28.4000	2.4000	6.0720
69.9890	0.0500	-35.0000

Triple

S/C			
34.5484	2.0526	0	71

