

```

q1:xq16#collector      -4.99999e+001
q2:xq16#emitter       -6.30204e-003
q2:xq16#base          -5.75093e-001
q2:xq16#collector      -4.99999e+001
V(4:xq16)             -5.75323e-001
V(4:xq15)             -1.01825e+000
V(4:xq14)             5.756273e-001
V(4:xq13)             1.016259e+000
V(4:xq17)             -5.75323e-001
V(4:xq18)             5.756273e-001
V(4:xq12)             -5.48345e+001
V(4:xq11)             -4.44105e-001
V(4:xq10)             -1.39917e-004
V(4:xq9)              5.483617e+001
V(4:xq8)              4.427050e-001
V(4:xq7)              2.118598e-004
V(4:xq5)              -5.48727e+001
V(4:xq4)              5.506808e+001

```

```

Source      Current
-----

```

```

v1#branch -3.06931e-006
v2#branch -3.40037e-002
v3#branch -3.39962e-002
v4#branch -5.42923e-002
v5#branch -5.42935e-002
d1#internal -5.48494e+001
d2#internal -5.54250e+001
d3#internal 5.599911e+001
d4#internal 5.541318e+001
d5#internal 4.424057e-001
d6#internal 4.106380e-003
d7#internal -2.19881e-001
d8#internal 5.599917e+001
d9#internal 5.541716e+001
d10#internal -5.54180e+001
d11#internal -5.48352e+001
d14#internal -7.94828e-006
d15#internal -5.00000e+001

```

Circuit: C:\SPICE8\SED\MYSOLIDSTATE\100W DIST. RESULTS.CIR SETUP1  
Date: Mon Mar 16 15:29:44 2009

Fourier analysis for v(27):

No. Harmonics: 10, THD: 0.0161798 %, Gridsize: 200, Interpolation Degree: 1

Harmonic	Frequency	Magnitude	Phase	Norm. Mag	Norm. Phase
0	0	-0.0035214	0	0	0
1	1000	48.4536	-0.14228	1	0
2	2000	0.00627003	110.147	0.000129403	110.289
3	3000	0.00341097	69.6459	7.03967e-005	69.7882
4	4000	0.00141058	74.8161	2.9112e-005	74.9584
5	5000	0.0010192	84.5632	2.10346e-005	84.7055
6	6000	0.00137384	86.506	2.83538e-005	86.6483
7	7000	0.00147316	83.9473	3.04035e-005	84.0896
8	8000	0.00133941	82.7523	2.76431e-005	82.8945
9	9000	0.00127764	82.391	2.63682e-005	82.5333

\*\*\*\* Mon Mar 16 15:29:40 2009 \*\*\*\* IsSpice4 ver. 8.8 Build 1726 \*\*\*\* 8/15/01 \*\*\*\*

C:\SPICE8\SED\MYSOLIDSTATE\100W DIST. RESULTS.CIR SETUP1

\*\*\*\* AC ANALYSIS Temperature = 45 Deg C \*\*\*\*

\*\*\*\*\*

FREQUENCY	IMAGINARY	VDB(VY1)	PHASE(VY1)	INDEX
1.000000e+000,	0.000000e+000	2.957271e+001	-1.604986e-003	0
1.006956e+000,	0.000000e+000	2.957271e+001	-1.608761e-003	1
1.013959e+000,	0.000000e+000	2.957271e+001	-1.612483e-003	2
1.021012e+000,	0.000000e+000	2.957271e+001	-1.616152e-003	3
1.028114e+000,	0.000000e+000	2.957270e+001	-1.619766e-003	4
1.035265e+000,	0.000000e+000	2.957270e+001	-1.623325e-003	5