

phase	duration	#1/2 cycles	elapsed time	Lifetime(sl)	lifetime(amp^2)	energy change	coil energy	energy loss	energy change+energy loss/coil energy
20	5000	121	129.166	739	739	2.453m	3.6m	731.055u	0.9
20	5000	120	127.1	739	739	2.4m	3.5m	692.2u	0.9
20	5000	121	127.1	739	739	2.1m	3.2m	606u	0.8
20	7000	120	127.1			3.6m	4.9m	728.4u	0.9
20	7000	120	127.1			3.3m	4.3m	643.5u	0.9
20	7000	120	127.1			4.8m	6.3m	1.0m	0.94
20	5000	121	127.1			2.4m	3.8m	704.2u	0.8
20	5000	126	133.4			2.9m	4.3m	860.4u	0.9
20	5000	120	125.1			2.4m	3.3m	563.9u	0.9
20	7000	121	127.1			3.8m	5.1m	701.3u	0.88
20	7000	123	131.3			4.1m	5.6m	923.1u	0.9
20	7000	121	129.2			4.0m	5.3m	794.6u	0.9
20	9000	121	129.2			4.6m	7.0m	1.2u	0.86
20	9000	120	127.2			4.6m	6.5m	796.6u	0.83
20	9000	120	125.1			5m	6.8m	988.3u	0.88
40	5000	120	127.2			4.5m	6.5m	796.6u	0.81
40	5000	120	125.1			4.9m	6.8m	988.3u	0.87
40	5000	121	129.2			4.6m	7.0m	1.2m	0.83
40	7000	120	125			2.4m	3.8m	914.8u	0.87
40	7000	121	127.1			2.7m	4m	775.1u	0.87
40	7000	122	127.1			2.6m	4.0m	782.9u	0.85
40	9000	120	125.1			3.6m	4.7m	894.7u	0.95
40	9000	120	127.2			3.6m	4.9m	776.3u	0.89
40	9000	120	125.1			3.7m	4.8m	818.0u	0.94