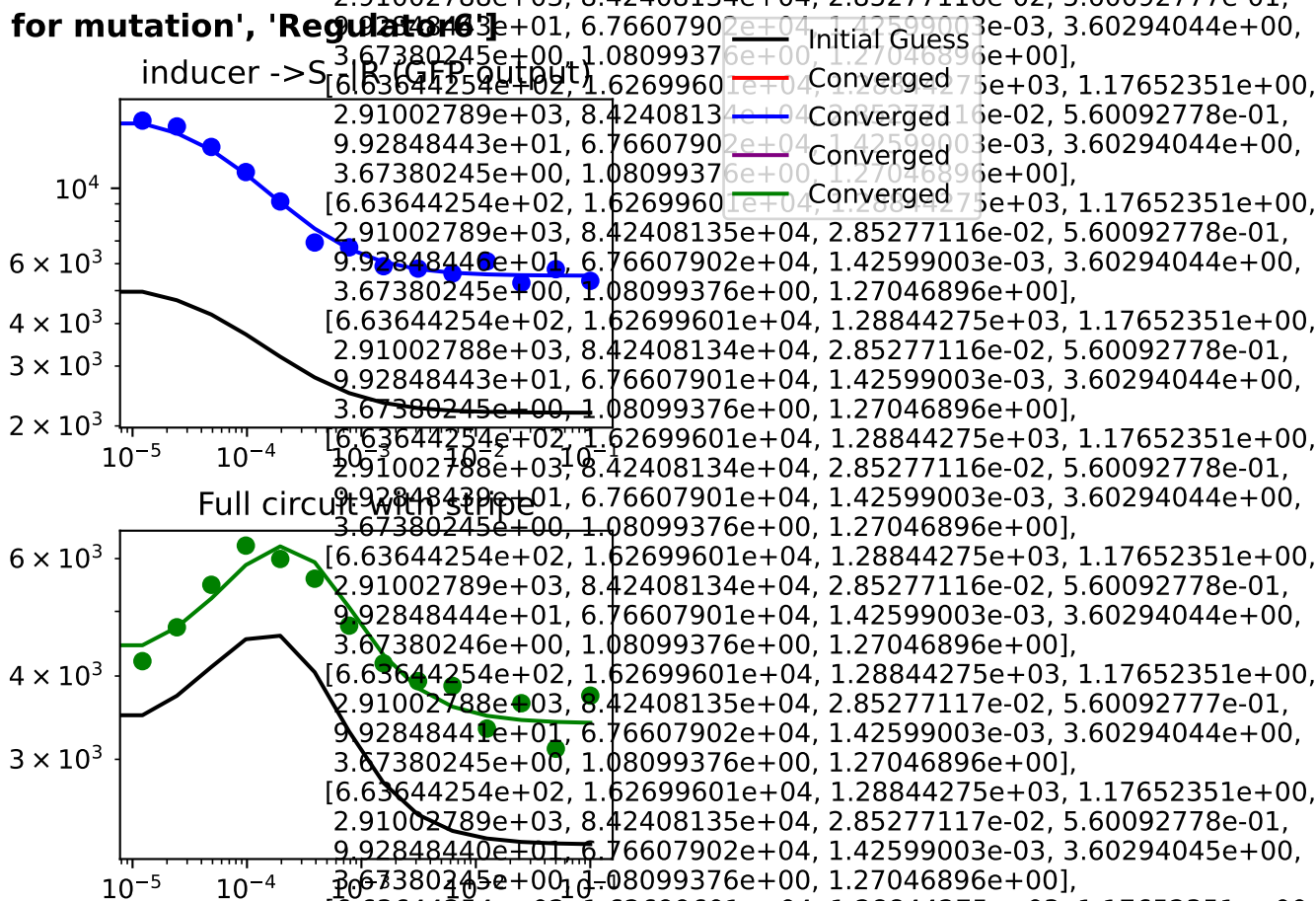


```

fun: 0.039239962474635307
message: 'Optimization terminated successfully.'
nfev: 12061
nit: 9050
status: 0
success: True
x: array([6.63644254e+02, 1.62699601e+04,
2.91002789e+03, 8.42408134e+04, 2.85277116e+04,
9.92848444e+01, 6.76607902e+04, 1.42599003e+04,
3.67380245e+00, 1.08099376e+00, 1.27046896e+00])

```



RSS (% reduction)=0.988

	epsilon	Initial_guesses	Converged
A_s	55.247151	608.397103	663.644254
B_s	1019.502445	15250.457700	16269.960145
C_s	-379.616299	1668.059050	1288.442751
N_s	-0.022410	1.198934	1.176524
A_r	2222.063195	687.964693	2910.027888
B_r	60743.202047	23497.611400	84240.813447
C_r	-0.033839	0.062367	0.028528
N_r	0.168362	0.391731	0.560093
A_h	-491.321704	590.606548	99.284844
B_h	32373.664482	35287.125700	67660.790182
C_h	0.000896	0.000530	0.001426
A_o	2.773111	0.829830	3.602940
B_o	-0.614368	4.288170	3.673802
C_o	-2.052228	3.133222	1.080994
N_o	-0.538550	1.809018	1.270469