

TABLE 3. 1
MODEL DESCRIPTION

Parameter	Models											
	<i>r</i> -dependence				-dependence			<i>H</i> -dependence				Multi-resistive region
	r1	r2	r3	r4	1	2	3	H1	H2	H3	H4	M
r^a	0.3	0.5	0.7	0.9	0.7	0.7	0.7	0.5	0.5	0.5	0.5	0.7
ρ_{init}^b	1 / 15	1 / 15	1 / 15	1 / 15	1 / 20	1 / 30	1 / 60	1 / 30	1 / 30	1 / 30	1 / 30	1 / 15
v_c^c	50	50	50	50	50	50	50	–	–	–	–	50
h^d	5	5	5	5	5	5	5	5	5	5	5	5, 10, 15, 20
H^e	40	40	40	40	40	40	40	40	20	10	5	40

^a r is the radius of the region where the initial perturbation is imposed.

^b ρ_{init} is the value of the electric resistivity assigned as the initial perturbation.

^c v_c is the threshold value of anomalous resistivity (see eq. (3. 12)).

^d h is the height of the region where the initial perturbation is imposed.

^e H is the vertical scale height of the initial magnetic field.