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$$\xi_{\Sigma} = \frac{\Delta}{a_i} = -1 \left[\frac{\delta y}{\delta k_1} \Delta k_1 + \frac{\delta y}{\delta k_2} \Delta k_2 \right] = \xi_1 + \xi_2, \quad (1)$$

$$\xi_i = \Delta_i / k_i, \quad i = 1, 2$$

$$\xi_{\Sigma} = \xi_1 + \xi_2$$

$$\xi_{\Sigma} = \xi, \quad (1)$$

$$\mu_{\Sigma}(t, \xi) = \mu_{\Sigma,1}(t, \xi) + \mu_{\Sigma,2}(t, \xi), \quad (2)$$

$$\mu_{\Sigma}(t, \xi) - \xi_i, \quad \xi_{\Sigma} = \xi.$$

$$\xi_{\Sigma} = \xi, \quad \xi_1 = \xi - \eta, \quad \xi_2 = \eta, \quad \eta \in (-\infty, \infty).$$

$$\mu_{\Sigma,1}(t, \xi) = \int_{-\infty}^{\infty} \mu_1(t, \xi - \eta, \xi) \varphi_{t,2}(\eta / \xi) \partial \eta, \quad (3)$$

$$\mu_1(t, \xi - \eta, \xi) - \xi_1, \quad \xi_{\Sigma} = \xi$$

$$\xi_1 = \xi - \eta.$$

$$\mu_{\Sigma,2}(t, \xi) = \int_{-\infty}^{\infty} \mu_2(t, \xi - \eta, \xi) \varphi_{t,1}(\eta / \xi) \partial \eta.$$

$$\mu(t, \xi - \eta) = m'(t) + r_{1,i}(t)[\xi - \eta - m_i(t)] + r_{2,i}(t) \times$$

$$\times \left\{ [\xi - \eta - m_i(t)]^2 - \gamma_i(t)\delta_i(t)[\xi - \eta - m_i(t)] - \delta_i^2(t) \right\}$$

$$\mu_{\Sigma,1}(t, \xi) = \left\{ m'(t) + r_{1,1}(t)[\xi - m_1(t)] + r_{2,1}(t) \times \right.$$

$$\times \left. \left\{ [\xi - m_1(t)]^2 - \gamma_1(t)\delta_1(t)[\xi - m_1(t)] - \delta_1^2(t) \right\}; \right.$$

$$\int_{-\infty}^{\infty} \varphi_{t,2}(\eta/\xi) \delta\eta -$$

$$- \left\{ r_{1,1}(t) + r_{2,1}(t) \left[2(\xi - m_1(t)) - \gamma_1(t)\delta_1(t) \right] \right\} \times$$

$$\times \int_{-\infty}^{\infty} \eta \varphi_{t,2}(\eta/\xi) \delta\eta + r_{2,1}(t) \int_{-\infty}^{\infty} \eta^2 \varphi_{t,2}(\eta/\xi) \delta\eta.$$

$$A_1(t, \xi) = \int_{-\infty}^{\infty} \varphi_{t,2}(\eta/\xi) \delta\eta = 1,$$

$$A_2(t, \xi) = \int_{-\infty}^{\infty} \eta \varphi_{t,2}(\eta/\xi) \delta\eta,$$

$$t, \quad \xi_{\Sigma} = \xi, \quad \dots$$

$$\xi_2 \quad \xi.$$

$$A_2(t, \xi) = m_2(t) + p_{2,\Sigma}(t) \frac{\delta_2(t)}{\delta_{\Sigma}(t)} [\xi - m_1(t) - m_2(t)],$$

$$\delta_{\Sigma}(t) - \xi_{\Sigma}$$

$$t; \rho_{2,\Sigma} - \xi_2 \quad \xi_{\Sigma}$$

$$t.$$

$$\xi_2 \quad \xi_{\Sigma}$$

$$K(\xi_2, \xi_{\Sigma}) = M[\xi_2(\xi_1 + \xi_2)] = M\left[\xi_2^2\right] + M[\xi_1, \xi_2] = \delta_2^2(t),$$

$$\xi_1 \quad \xi_2 \quad (\xi_i = \xi_i - m_i(t),$$

$$).$$

$$\rho_{2,\Sigma}(t) = \frac{K(\xi_2, \xi_{\Sigma})}{\delta_2(t)\delta_{\Sigma}(t)} = \frac{\delta_2(t)}{\delta_{\Sigma}(t)}$$

$$A_2(t, \xi) = m_2(t) + \frac{\delta_2^2(t)}{\delta_{\Sigma}^2(t)} [\xi - m_1(t) - m_2(t)]$$

$$A_3(t, \xi) = \int_{-\infty}^{\infty} \eta^2 \varphi_{t,2}(\eta/\xi) \delta\eta = D_2(t/\xi) + A_2^2(t, \xi),$$

$$D_2(t/\xi) = \delta_2^2(t) \left[1 - \rho_{2,\Sigma}^2(t) \right] = \frac{\delta_1^2(t)\delta_2^2(t)}{\delta_{\Sigma}^2(t)}, \quad (4)$$

$$\xi_1 \quad \xi_2$$

$$\delta_{\Sigma}^2(t) = \delta_1(t) + \delta_2(t).$$

(4)

$$A_3(t, \xi) = \frac{\delta_1^2(t)\delta_2^2(t)}{\delta_{\Sigma}^2(t)} + m_2^2(t) + 2m_2(t) \frac{\delta_2^2(t)}{\delta_{\Sigma}^2(t)} \times$$

$$\times [\xi - m_1(t) - m_2(t)] + \frac{\delta_2^4(t)}{\delta_{\Sigma}^2(t)} [\xi - m_1(t) - m_2(t)]^2. \quad (5)$$

(4) (5) (3),

$$\mu_{\Sigma,1}(t, \xi) = +m_1(t) + r_{1,1}(t) \frac{\delta_1^2(t)}{\delta_{\Sigma}^2(t)} \times$$

$$\times [\xi - m_1(t) - m_2(t)] +$$

$$+ r_{2,1}(t) \frac{\delta_1^4(t)}{\delta_{\Sigma}^4(t)} [\xi - m_1(t) - m_2(t)]^2 - \quad (6)$$

$$- \gamma(t)\delta_1(t) \left(\xi - m_1(t) - m_2(t) - \frac{\delta_1^4(t)}{\delta_{\Sigma}^4(t)} \right),$$

$$\mu_{\Sigma,2}(t, \xi)$$

$$(1)-(5).$$

(1) - (6),

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TESTING METHOD ON ELECTROMAGNETIC COMPATIBILITY OF ELEMENTS OF MOBILE COMMUNICATION NETWORKS

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Actuality of decision of task of providing of the simultaneous and joint functioning of different radio engineering, electronic and electrical engineering equipment - decision of task of electromagnetic compatibility of hardwares is rotined in the article. It is rotined that testing hardwares on electromagnetic compatibility allows to promote the degree of their stability to the hindrances. A testing method is offered on electromagnetic compatibility.

Keywords: *electromagnetic compatibility, hardwares.*