power spectrum analysis of noise with dominant frequencies of less than 1 MHz.

References

[1] K.Tominaga, Y.Ogura, K.Murakawa:" Recent noise troubles for telecommunication equipment and future works ", IEICE, B-4-66, Sep. 2011.

[2] J. W. Cooley and J. W. Turkey: "An algorithm for the machine of complex Fourier series", Math. Comput., p.297, Apr. 1965.

[3] E. O. Birgham: "The Fast Fourier Transform", Prentice-Hall, 1974

[4] R. W. Hamming: "Digital Filter", Prentice-Hall, 1977.

[5] I. Daubecies: "The wavelet transform, time frequency localization and signal analysis", IEEE Trans. Inf. Theory, vol.36, no.5, pp.961-965, Sept. 1990.

[6] G. Frenante and D. P. Adorno: "A wavelet analysis of 1/f and white noise in microwave transistors", Micro-electron, Reliability, vol.41, pp.99-104, 2001.

[7] J. D. Markel: "Digital inverse filtering – A new tool formant trajectory estimation", IEEE Trans. Audio Electron., vol.AU-20, no.2, pp.129-137, June 1972.

[8] F. Ishiyama and H. Yamane: "Identification of source of acoustic noise caused by electromagnetic disturbances using formant analysis", IEEE Int. Symp., EMC, vol.2, pp.697-700, Aug. 2002.

[9] F. Ishiyama, K. Murakawa, H. Yamane: "Formant analysis of Immunity test", IEICE, Ｂ-4-51, May 2003.