Contribution ID: 42 Type: Oral

COMB FILTER BASED ON SAW-RESONATOR OF RUNNING WAVE

The construction and mathematical model of the comb filter on the basis of the ring resonator of the surface acoustic waves and two SAW-waveguides associated with the ring resonator at opposite points is proposed.

Primary authors: Mr ZHOVNIR, M.F. (Candidate of Technical Sciences, Senior Research Fellow of National Technical University of Ukraine "Igor Sikorsky Kyiv Polytechnic Institute"); Prof. PYSARENKO, L.D. (Doctor of technical science); Ms PLESHKA, Tatiana (Student of National Technical University of Ukraine "Igor Sikorsky Kyiv Polytechnic Institute")

Presenter: Ms PLESHKA, Tatiana (Student of National Technical University of Ukraine "Igor Sikorsky Kyiv Polytechnic Institute")

Track Classification: Radio Engineering and Communications