

MAGNETOSTATIC WAVE COMPRESSIVE RECEIVER

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ABSTRACT

An S-band compressive receiver if utilizing an MSW (Magneto-stetic Wave) epitaxial YIG dispersive delay line for broadband spectral analysis is presented. The dispersive line, centered at 2.7 GHz with an 870 GHz bandwidth dispered over 0.2 MSCC allows analysis of a 650 GHz band with 12 MHz resolution.

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