

<p>Pircher, G. COMPARISON OF SENSITIVITY OF RADIO AND OPTICAL DETECTION SYSTEMS. [1963] 22p (refs omitted) Order from SLA \$2.60</p>	<p>TT-63-18862 I. Pircher, G.</p>
<p>Trans. of Infrared Physics (England) 19(2, v. 2, p. 141-153. (Abstract available)</p>	<p>TT-63-18862</p>
<p>DESCRIPTION: *Detectors, Radio receivers, Optical equipment, Sensitivity, Correlation techniques.</p>	<p>CONFIDENTIAL</p>
<p>Active radio and optical detections have several features in common, especially when optical detection employs coherent waves. A comparison of factors entering into the detection equations is made. The essential differences between superheterodyne or direct amplification radio receivers and direct detection optical receivers are assessed. An expression of ultimate sensitivity is given. (Engineering--Electronic, TT, v. 11, no. 4) (over)</p>	<p>Office of Technical Services</p>

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