

# **BISTATIC RADAR: MAXIMUM RANGE AND EFFECTIVE AREA**

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A monostatic radar refers to a radar system which has the transmitter and receiver located at the same site. Maximum range and effective area are important characteristics of monostatic radar. Another types of radar is bistatic radar; a bistatic radar configuration employs a single transmitter and a single receiver that are not collocated. In this paper we study maximum range and effective area of bistatic radar.