

Abstracts

Smith-Purcell Radiation from a Charge Moving Above a Penetrable Grating

S.L. Chuang and J.A. Kong. "Smith-Purcell Radiation from a Charge Moving Above a Penetrable Grating." 1983 MTT-S International Microwave Symposium Digest 83.1 (1983 [MWSYM]): 405-406.

Taking into account the penetrable property of metallic gratings, the Smith-Purcell radiation problem is solved and it is shown that when the surface plasmon mode is excited, maximum radiation occurs.

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