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4. "Experimental Verification Of The Weather Radar Equation For Frequency Agile, Phased Array Ra-dar". Proceedings 54th Tri-Service Radar Sympo-sium 2008(J.B. Knorr, I PopStefanija) 5. "Use Of A Mobile, Phased-array, X-Band Doppler Radar To Study Severe Convective 4th, 2024

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[1, 2]. The PAA Is Widely Used For High Gain Beam-forming And -scanning In Telecommunication [3], Microwave Imaging [4, 5], And Radar Applications [6]. Typical Radiating Elements Of The PAA Are The Dipole, Microstrip Patch, And Vivaldi Antenna. Among These, The Vivaldi Antenna, Also Known As The Flared 2th, 2024

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