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Design Of S-Band Phased Array Antenna With High Isolation ...[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 Mar 14th, 2024A Design Of Phased Array Antenna Based On The Vivaldi AntennaHigh Gain, Low Sidelobe Level A.

Introduction Of Vivaldi Antenna Vivaldi Antenna Was Pioneered By Gibson In 1979. "The Vivaldi Aerial Is A New Member Of The Class Of Aperiodic Continuously Scaled Antenna Structures And, As Such, It Has Theoretically Unlimited Instantaneous Frequency Bandwidth. This Aerial Has Significant Gain And Linear Jan 22th, 2024An Implementation Of Real-Time Phased Array Radar ...Article An Implementation Of Real-Time Phased Array Radar Fundamental Functions On DSP-Focused, High-Performance Embedded Computing Platform Xining Yu 1,*, Yan Zhang 1, Ankit Patel 1, Allan Zahrai 2 And Mark Weber 1 1 School Of Electrical And Computer Engineering, University Of Oklahoma, Norman, OK, USA 2 NOAA-National Severe Storms Laboratory, Norman, OK, USA Jan 15th, 2024.

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