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Appendix B: Array Processing Literature

3-1.2 Figure 2. Antenna Gain Figure 3. Antenna Beamwidth Where $D(2,N)$ is the directivity in dB, and the radiation pattern power in a specific direction is $P_d(2,N)$, which is normalized by the total integrated radiated power. Another important concept is that when the angle in which the radiation is constrained is reduced, the directive gain ...

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Practical Antenna Handbook - Apparently Apparel

The length of the antenna, from equation 3 is $9.48 \text{ ft } 50.1 \text{ } 492 \text{ } 0.965 = \times$ or 9 ft 53/4inches. The answer is obtained directly in inches by substitution in equation 4 $113.7 \text{ inches } 50.1 \text{ } 5904 \text{ } 0.965 = \times$
The length of a half-wave antenna is also affected by the proximity of the dipole ends to nearby conductive and semiconductive objects.

Antennas & Projects 20

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1 Elliot R. S. Antenna Theory and Design 1981 New York, NY, USA Prentice-Hall 2 Lo Y. T. Lee S. W. Antenna Handbook Vol 3: Antenna Applications 1993 New York, NY, USA Chapman & Hall 3 Elliott R. S.

1. Introduction

In this paper, we introduce dual-band micro strip patch antenna design for WiMax and WiFi implementation by mean of 3.5 GHz and 5.2 GHz central frequencies, respectively.

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