

Pattern calibration free antenna by suppressing mutual coupling between elements

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FG Zhu, JD Xu, Q Xu - 2009 3rd IEEE International Symposium ..., 2009 - [ieeexplore.ieee.org](#)

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CK Ghosh - AEU-International Journal of Electronics and ..., 2016 - Elsevier

A compact 4-channel multiple-input-multiple-output (MIMO) microstrip antenna integrated with inverted U-shaped microstrip resonators and line resonators is presented at 5.25 GHz ...

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4 × 4-Element Corporate-Feed Waveguide Slot Array Antenna With Cavities for the 120 GHz-Band

D Kim, J Hirokawa, M Ando... - IEEE transactions on ..., 2013 - [ieeexplore.ieee.org](#)

We propose a 4 × 4-element corporate-feed waveguide slot array antenna with outer cavities for the 120 GHz band. To adjust the mutual coupling effects in a small sized array antenna ...

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Improved MIMO antenna by mutual coupling suppression between elements

KS Min, DJ Kim, YM Moon - The European Conference on ..., 2005 - [ieeexplore.ieee.org](#)

This paper describes a novel method for suppressing mutual coupling between antenna elements for application in MIMO antenna design. To suppress mutual coupling, several ...

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Design and performances of multiple-input multiple-output antennas for wireless communications with left-handed metamaterials

B Aouadi, JB Tahar - 2012 Sixth International Conference on ..., 2012 - [ieeexplore.ieee.org](#)

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Multiple-Output (MIMO) applications in cognitive radio at about 15 GHz. The strong coupling ...

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평면 배열 안테나의 소자간 상호 결합 억압 설계

민경식, 김동진, 박철근, 문영민, 김영일 - 한국전자과학회논문지, 2005 - [dbpia.co.kr](#)

본 논문은 평면 배열 안테나의 성능 향상을 위한 안테나 소자간의 새로운 상호 결합 억제 방법을 제안하고 있다. 연구에 사용된 IEEE 802.11 a (5.15~ 5.35GHz, 5.75~ 5.85GHz) 를 만족하는 두 ...

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A Design for Mutual Coupling Suppression between Elements in Planar Array Antenna

M Kyeong-Sik, M Young-Min - The Journal of ..., 2005 - The Korean Institute of ...

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KS Min, DJ Kim, YM Moon - IEICE ..., 2005 - The Institute of Electronics ...

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Design for novel MIMO antenna with low mutual coupling

KS Min, DJ Kim - 한국통신학회 학술대논문집, 2005 - dbpia.co.kr

This paper describes a novel method suppressing mutual coupling between antenna elements for the application of a MIMO antenna design. To suppress mutual coupling ...

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