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Proceedings - 5th International Conference on Computer and Communication Engineering: Emerging Technologies via Comp-Unication Convergence, ICCCE 2014

4 February 2015, Article number 7031627, Pages 165-168

5th International Conference on Computer and Communication Engineering, ICCCE 2014; Sunway Putra HotelKuala Lumpur; Malaysia; 23 September 2014 through 24 September 2014; Category numberE5413; Code 110844

## Design of embedded parallel resonant circuit multiband microstrip patch antenna for tablet PC (Conference Paper)

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### Abstract

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Among different types of antennas, the micro strip patch antennas (MPA) are the center of extensive research interest as the increasing demand for wireless applications are at its peak. To accommodate the need of space for different components in sleek handheld devices like the tablet PC, the MPA is one of the best options. In this paper various structures that are able to demonstrate the multiband characteristics are presented and the comparison of performance depending on the return loss, size are to be discussed along with a proposed design operational for GSM and LTE applications. © 2014 IEEE.

### Author keywords

Embedded GSM LTE Multi resonance Patch Antenna Return loss

### Indexed keywords

Engineering controlled terms: Antennas Global system for mobile communications Mobile antennas Personal computers Resonant circuits Slot antennas Wireless telecommunication systems

Comparison of performance

Embedded LTE

Micro-strip patch antennas

Multiband characteristics

Multiresonance

Parallel resonant circuit

Return loss

Engineering main heading: Microstrip antennas

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DOI: 10.1109/ICCCE.2014.56

**Source Type:** Conference Proceeding  
**Original language:** English

**Document Type:** Conference Paper  
**Volume Editors:** Gunawan T.S.  
**Sponsors:** Felda Wellness Corporation, Malaysia Convention and Exhibition Bureau (MyCEB), Malaysian Industry-Government Group for High Technology, University Putra Malaysia, Yayasan Kesejahteraan Bandar  
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