

October 2019 Microwave Journal

Theme: Passive & Control Components

Despite the advance of semiconductor integration, passive components remain essential building blocks in RF/microwave systems. Ironically, although the circuit functions are seen as simple and mature parts of the block diagram, evolving system requirements often spawn new technology and push existing approaches to higher frequencies and better performance. This issue explores both, as well as advances in measurement capability. As a bonus read, given the great interest in the resurgence of LEO satellites for broadband internet access, let's not forget the capabilities of high throughput geostationary satellites. We feature a profile of one such system.

Articles:

- **Cover Feature:** Piezo-On-Insulator Substrates Enable S-Band SAW Filters
- 1.35 mm Coaxial Connectors for E-Band Cable Assemblies
- Demystifying Transformers
- Design of an Integrated VNA Measuring 70 kHz to 220 GHz
- System View: JUPITER High Throughput Satellite — 500 Gbps from Space

Ad Close: September 10

Ad Material Due: September 13

Catalog Update

Open to MWJ advertisers, the Catalog Update focuses on new literature aimed at RF and microwave engineers. To be included send approximately 80 words, together with a high resolution image of the literature cover to Ashleigh West at Awest@mwjournal.com by Thursday, **September 5**.

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Phased Array Systems
and Technology
Symposium
Waltham, MA
October 15-18

ITC
Las Vegas, NV
October 21-24

BCICTS
Nashville, TN
November 3-6

IEEE COMCAS
Tel Aviv, Israel
November 4-6

Microwave Journal China – September/October

Antennas & EMC/EMI is the theme of this issue, which focuses on the latest developments, news, products and technologies directly impacting the Chinese RF/microwave market.

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A grid-style editorial calendar for 2019, showing dates and corresponding content or events.

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