EditorialIndex

ANTENNAS

Kundtz, Nathan

"Next Generation Communications for Next Generation Satellites," No. 8, p. 56.

Mobashsher, Ahmed Toaha and Rabah W. Aldhaheri

"CPW-Fed Folded Antenna with Forward-Directed Radiation Patterns for Handheld Dual-Band RFID Reader Applications," No. 2, p. 90.

Pasian, Marco

"Flexible and Low Cost Hands-On Lab for Antennas and Propagation," No. 6, p. 84.

CAD/CAM

Barchanski, Andreas, Jens Kramer and Pietro Luzzi

"EMC Simulation in the Design Flow of Modern Electronics," No. 12, p. 88 $\,$

Campbell, Derek, Gopinath Gampala, Martin Vogel and C.J. Reddy

"Simulating Antenna Measurements in an Anechoic Chamber," No. 7, p. 90.

Hartung, Juergen

"Interoperability Enables a Complete RFIC/Package Board Co-Design Flow," No. 7, p. 66.

COMPONENTS/SUBSYSTEMS

Abramzon, Igor and Vadim Tapkov

"OCXO Solutions Based in IHR Technology," No. 4, p. 96.

Beltchicov, Sergey

"A Low Phase Noise Octave-Band Synthesizer Using an X-Band Frequency Reference," No. 5, p. 104.

Chenakin, Alexander

"Synthesizers: Looking Beyond the Basics," No. 4, p. 84.

COVER FEATURES

Acar, Mustafa, Robin Wesson and Mark P. van der Heijden

"Class-E Package Based Chireix Outphasing Power Amplifier," No. 4, p. 40.

Agilent Technologies, ANSYS, COMSOL, CST, Delcross, NI/AWR and Sonnet Software

"2014 Design Software Review: Interoperability," No. 7, p. 22.

Carlson, Doug

"Commercialization of GaN," No. 6, p. 34.

Chandler, Joe and R. William Steagall

"DARPA's Mobile Hotspots Program Drives E-Band Performance Benchmarks," No. 10, p. 22.

Corman, David, Peter Moosbrugger and Gabriel Rebeiz

"The Industry's Next Tipping Point," No. 5, p. 26.

Devlin, Liam

"The Future of mm-wave Packaging," No. 2, p. 24.

Farr, David and Bill Henderson

"Antenna Design Challenges for Next Generation Satellites," No. 8, p. 24.

Guerci, J.R., T. Driscoll, R. Hannigan, S. Ebad, C. Tegreene and D.E. Smith

"Next Generation Affordable Smart Antennas," No. 1, p. 24.

Holmes, Damon

"Asymmetric Doherty Power Amplifier Design," No. 4, p. 32.

Howett, David, Michael P. Busse, David Rawlinson, Jeff Burkett, Tim Dolan, Rafi Hershtig and Douglas

"Recent Market Driven Filter Advances," No. 11, p. 24.

Montiel-Sanchez, Ignacio

"European RF Defence Sensors Systems Challenges and Innovation," No. 9, p. 24.

Ouzillou, Mendy

"Winning Design Strategies for Wireless Wearables," No. 12, p. 26

Pengelly, Ray

"Asymmetric Multilevel Outphasing Power Amplifier Design," No. 4, p. 46.

Pilgrim, Duncan

"Reconfigurable CMOS RF Front End," No. 6, p. 22.

Reid, Bill

"Tips for Transitioning Designs to Manufacturing," No. 3, p. 20.

Wang, Zhancang

"Envelope Tracking Power Amplifier Design," No. 4, p. 20.

Yu, Ross

"Mesh Network Protocols for the Industrial Internet of Things," No. 12, p. 38

DESIGN

Coonrod, John

"The Impact of Electrical and Thermal Interactions on Microwave PCB Performance," No. 2, p. 68.

Coonrod, John

"Selecting Circuit Materials for Microwave Power Amps," No. 11, p. 100.

Cox III, Charles H. and Edward I. Ackerman

"Maximizing RF Spectrum Utilization with Simultaneous Transmit and Receive," No. 9, p. 114.

Feng, X., Y.H. Zhang, W. Xue, H. Zhang and Y. Fan "6 to 26 GHz Detectors for High Data Rate ASK Sig-

o to 20 GHz Detectors for Fight Data Rate ASK Signal Demodulation," No. 9, p. 138.

Gao, Yongzhen, ZongXin Tang, Biao Zhang and YunQiu Wu

"Ultra-Wideband Double Balanced Mixer Utilizing a Compact Planar Balun," No. 5, p. 172.

Gong, Jian-Qiang and Chang-Hong Liang

"A Compact Wideband Quadrature Hybrid Coupler," No. 8, p. 66.

Guo, Benqing, Shiquan An and Guoning Yang

"Wideband Balun-LNA with Noise Cancellation in 0.13 µm CMOS," No. 10, p. 98.

Kahng, Kyungseok, Sungtek Kahng, Inkyu Yang and Qun Wu

A Bandwidth-Enlarged and Isolation-Enhanced ZOR MIMO Antenna, Shorter than $0.11\lambda g$," No. 9, p. 128.

Ke, Qiao and Tang Zongxi

"Second Harmonic Tuning for a Broadband High Efficiency GaN Power Amplifier," No. 11, p. 112.

Lang, Ting, Lin Li, Li-Li Yang and Zhi-Hao Zhang

"Design of a Compact Wideband Bandstop Filter with Three Transmission Zeros," No. 5, p. 182.

Liu, Haiwen, Yan Wang, Jiuhuai Lei, Shen Li and Xiaomei Wang

"Tri-Band Bandpass Filter Using Quad-Mode Stub-Loaded Resonator," No. 8, p. 76.

Loaded Resonator," No. 8, p. 76. Lv, Zheng Liang, Shuxi Gong, Shiwei Zhao and Xiang

Zhang
"A Tunable Dual-Band 6 Bit Digital Phase Shifter Using DGS and Stubs," No. 4, p. 102.

Morley, Stephen

"Designing Multiconductor RF Backplane Connectors for Embedded Computing," No. 10, p. 86.

Palandoken, M. and A. Sondas

"Compact Metamaterial Based Bandstop Filter," No. 10, p. 76.

Park, Nam-Shin, Don-Yong Lee, Byung-Chul Kim, Jung-Hee Won, In-Ho Na, Geon-Ho Jang, Young-Ho Cho, Xu-Guang Wang and Sang-Won Yun

"Triple-Mode Filter Using a Spherical Dielectric Resonator and Coupling Structures," No. 5, p. 150.

Su, Chengjie, ZongXi Tang, Biao Zhang and YunQiu Wu

"A Low Phase Noise Oscillator Based on an Active Substrate Integrated Waveguide Resonator," No. 11, p. 120.

Tornatta, Paul

"A Method to Design an Aperture-Tuned Antenna Using a MEMS Digital Variable Capacitor," No. 1, p. 102.

Xie, Linli, Yong Hong Zhang and Yong Fan

"W-Band Radiometer Front End Module for Real-Time Imaging," No. 1, p. 80.

Yun, Young, Jang-Hyeon Jeong, Hong-Seung Kim and Nak-Won Jang

"A Miniaturized Impedance Transformer on PES for Flexible RFICs," No. 2, p. 100.

Zhan, Xiaowu, Zongxi Tang, Yunqiu Wu and Biao Zhang

"Substrate Integrated Waveguide Dual-Mode, Dual-Band Filter," No. 3, p. 94.

Zhang, Zhi-Hao, Lin Li, Li-Li Yang, Ting Lang and Xue Cao

"A Wide Stopband Lowpass Filter with Three Transmission Zeros," No. 6, p. 96.

Zhu, Z.J., C.L. Wei and B.F. Jia

"Third-Order Fully Canonical Microstrip Bandpass Transversal Filter with Source-Load Coupling," No. 2, p. 112.

DEVICES

Bacon, Peter, Drew Fischer and Ruan Lourens

"Overview of RF Switch Technology and Applications," No. 7, p. 76.

Bianchi, Giovanni, Fabrizio Gentili, Roberto Sorrentino, Laura Urbani and Luca Pelliccia

"PIN-Diode SPMT Switch with Single-Supply, TTL-Compatible Driver," No. 6, p. 62.

Ebefors, Thorbjorn and Joachim Oberhammer

"Through-Silicon Vias and 3D Inductors for RF Applications," No. 2, p. 80.

Ejeckam, Felix, Daniel Francis, Firooz Faili, Frank Lowe, John J. Wilman, Tim Mollart, Joe Dodson, Daniel J. Twitchen, Bruce Bolliger and Dubravko Rabic

"GaN-on-Diamond: The Next GaN," No. 5, p. 124.

Gheitanchi, Shahin, Christophe Quindroit, Patrick Roblin, Naveen Naraharisetti, Volker Maurer and Mike Fitton

"Algorithm Development Platform for Dual-Band Digital Pre-Distortion," No. 5, p. 140.

Pengelly, Raymond, Ryan Baker, Mattias Astrom and Joel L. Dawson

"GaN Devices and AMO Technology Enable High Efficiency and Wide Bandwidth," No. 3, p. 66.

Reyes, Steve

"Device Technology and VNA Architecture for Broadband Device Characterization," No. 5, p. 114.

Warder, Phil and David Schnaufer

"Temperature-Compensated Filter Technologies Solve Crowded Spectrum Challenges," No. 11, p. 90.

Watkins, Gavin and Stephen Wang

"The Impact of Power Amplifier Turn-On Characteristics in Cognitive Radio Networks," No. 3, p. 86.

EUROPEAN MICROWAVES CONFERENCE

Mumford, Richard

"Attending European Microwave Week 2014," No. 9, p. 68.

Mumford, Richard

"The 2014 EuMW Defence, Security and Space Forum," No. 9, p. 78.

Sorrentino, Roberto and Ivar Bazzy "Welcome to European Microwaya

"Welcome to European Microwave Week 2014," No. 9, p. 64.

■ INSTRUMENTS/MEASUREMENTS

Aleiner. Boris

"ZigBee RF Power Measurements in the Field," No. 5, p. 200.

Hall, David, Haydn Nelson and Guillaume Pailloncy

"Key Test Requirements of Modern Handset Power Amplifiers," No. 6, p. 70.

Loberg. Chris

"Generating Radar Signals with an Arbitrary Waveform Generator," No. 1, p. 66.

Martens, Jon, Jeffrey Hesler and Alex Arsenovic

"Quasi-Optical Techniques for Measuring Material Properties In the THz Region," No. 3, p. 76.

Patton, Ruska

"A Very-Near-Field Measurement Technique to Test Large Antennas in the Lab," No. 1, p. 116.

Penso, Vitali

"Noise on Vcc for Serial Data Communications," No. 6, p. 100.

Rodriguez, V., S. Matitsine, T.T. Chia, P. Lagoiski, L. Matytsine and M. Matytsine

"Extending the Quiet Zone Using an RF Lens on a Conical Tapered Chamber to 18 GHz," No. 10, p. 108.

Shakhtour, Hammam, Dirk Heberling, Karam Noujeim, Ferdinand Gerhardes and Peter Knott

"Measurement of an Active Radar Module in a Com-

pact Antenna Test Range," No. 10, p. 64.

Vinther, Gordon

"TDR, Meeting Specifications Versus Good Transmission Line Performance," No. 5, p. 194.

Whitacre, Jan

"Toward 5G: What's Changing and How to Address Design and Test Challenges?," No. 5, p. 94

Williams, Tudor, Randeep Saini, Simon Mathias and Andreas Henkel

"Nonlinear Devices: Optimal Route from Test Bench to Market," No. 10, p. 128.

MTT-S CONFERENCE

Dunleavy, Larry

"Come Power the Waves with Us at IMS 2014," No. 5, p. 50.

Hess, Sherry

"Tune in to Social Media at IMS 2014," No. 5, p. 64.

Hindle, Patrick

"Tampa Bay Attractions," No. 5, p. 66.

Hindle, Patrick

"Mergers and Collaborations Dominate Landscape at IMS 2014," No. 8, p. 92.

Kushner, Lawrence, Bertan Bakkaloglu and Albert Wang "RFIC 2014 Welcome Message," No. 5, p. 52.

Pengelly, Ray

WAMICON 2014 General Chair's Message," No. 5, p. 62.

Sayed, Mohamed

"Microwave Measurements for Emerging Technologies," No. 5, p. 58.

Vye, David

"Let the Sunshine In," No. 5, p. 24.

OPINION

Fields Glen

"Phased Array Radar at the Intersection of Military and Commercial Innovation," No. 1, p. 42.

Hindle, Patrick

"Merger Movement in 2014," No. 12, p. 20

Silvius, David

"For Better SWaP, Choose GaN," No. 2, p. 44.

PRODUCT FEATURES

Aeroflex/Weinschel

"The Next Evolution of Digital/Programmable Attenuation," No. 1, p. 126.

"High Power Pulsed or CW 16 to 18 GHz Amplifier," No. 5, p. 226.

AMCAD Engineering

"STAN Circuit Stability Analysis Tool," No. 4, p. 112.

Amplitech Inc.

'Surface Mount Diplexers with Variable Crossover Attenuation," No. 11, p. 130.

Analog Devices Inc.

"Advanced RF Transceiver Meets the Demands of SDR Applications," No. 1, p. 122.

Analog Devices Inc. "Block Upconverter with HPA for Ka-Band," No. 11,

p. 138.

Anapico Ltd. Transient Analysis and VCO Testing," No. 10, p. 152.

"Field-to-Lab Virtual Drive Testing Tools," No. 9, p. 168.

Anritsu Co.

"Handheld Cable and Antenna Analyzer with Frequency Coverage Up to 40 GHz," No. 4, p. 120.

"High Performance, Broadband Network Analysis Solutions," No. 8, p. 112.

Anritsu Co.

"Field Analyzer with PIM Testing Capability," No. 11, p. 46.

Anritsu S.A.

"Locating Sources of Interference," No. 11, p. 40.

"Analyst V11 Offers User-Customizable Library," No.

3, p. 32.

Broadband Wireless

"1805 to 1880 MHZ, 200 W Amplifier," No. 4, p. 122.

BSC Filters Ltd.

"Compact Waveguide-to-Coaxial Transition," No. 8, p. 60.

CIREXX International

"PCB Embedded Cooling Layer Interactive Power System," No. 8, p. 62.

Copper Mountain Technologies

"Low Cost, Fully Programmable 4-Port VNA," No. 1, p. 134.

Crane Aerospace & Electronics Microwave Solutions

"Ku-Band Iso-Divider," No. 6, p. 114.

CST-Computer Simulation Technology

"CST STUDIO SUITE 2014: EM Simulation for Integrated Design," No. 2, p. 120.

Custom Microwave Components Inc.

" 24×12 Solid-State Non-Blocking Switch Matrix and GUI," No. 8, p. 120.

Dow-Key Microwave

"SP6T Coaxial Switch," No. 12, p. 106

EM Software & Systems - S.A. (Pty.) Ltd.

"FEKO: The Power of Multiple Solvers," No. 4, p.

Exodus Advanced Communications

"1 to 6 GHz, 50 W SSPA," No. 8, p. 64.

FIRST RF Corp.

"Low Cost X-Band Phased Array Weather Radar," No. 1, p. 138.

Freescale Semiconductor Inc.

"Flexible Device Lineups for TD-LTE and FDD-LTE," No. 4, p. 110.

Holzworth Instrumentation

"High Spectral Purity Synthesizer," No. 9, p. 182.

HUBER + SUHNER AG

"Compact and Reliable 4.3-10 Connector," No. 3, p. 40.

HYPERLABS

"5 MHz to 40 GHz Balun," No. 11, p. 138.

IMST GmbH

"3D EM Solver," No. 7, p. 102.

Infineon Technology AG

"Single-Chip 24 GHz Radar Front End," No. 2, p. 126.

Keysight Technologies Inc.

"Wireless Test Sets for 4G and Beyond," No. 3, p. 104.

Keysight Technologies Inc.

"TDR/TDT Solution with Electronic Calibration," No. 3, p. 44.

Keysight Technologies Inc.

"PXle Performance Vector Signal Analyzer," No. 4, p.

Keysight Technologies Inc.

"Multi-Channel Antenna Calibration Reference Solution," No. 8, p. 50.

Keysight Technologies Inc.

"One-Slot PXI Vector Network Analyzer," No. 9, p. 154.

Keysight Technologies Inc.

"High Speed Arbitrary Waveform Generator," No. 10, p. 142.

Keysight Technologies Inc.

"Leading-Edge Signal Analyzer," No. 11, p. 48.

Linear Technology Corp.

"A High IIP3, 300 MHz to 6 GHz Active Mixer," No. 5, p. 210.

MACOM

"Handheld Mobile Radio PA Solution," No. 6, p. 110.

Magus (Pty) Ltd.

"Antenna Magus Version 5: Synthesis to Meet Specification," No. 3, p. 120.

Marki Microwave

"Isolated Baluns Eliminate Tradeoffs in Differential Measurements," No. 7, p. 44.

Maury Microwave

"All-Purpose Test & Measurement Cables," No. 3, p. 46.

Maury Microwave

"High Performance RF/Microwave Cable Assem-

2014 • Volume 57

blies," No. 9, p. 180.

Microwave Vision Group (MVG)

"Compact and Portable Antenna Measurement Tool," No. 9, p. 172.

Mini-Circuits

"40 GHz Fixed Attenuators," No. 5, p. 224.

Mini-Circuits

"DC to 12 GHz, 1 W SMA Fixed Attenuators," No. 7, p. 112.

Mini-Circuits

"700 to 2700 MHz Rack Mount 100 W Amplifier," No. 9, p. 178.

Narda Safety Test Solutions

"Interference and Direction Analyzer," No. 7, p. 106.

National Instruments

"Wireless Prototyping with Software Defined Radio," No. 5, p. 208.

National Instruments

"765 MHz BW PXI Signal Analyzer," No. 10, p. 34. National Instruments

"Design Flow that Revolutionizes SDR," No. 12, p. 48

Norden Millimeter

"9.5 to 12.5 GHz Down Converter," No. 5, p. 228.

Pasternack Enterprises

"9 kHz to 18 GHz Low Noise Amplifiers," No. 7, p. 112.

Pasternack Enterprises

"Low PIM Cable Jumpers," No. 10, p. 156.

Pasternack Enterprises "Development System for 60 GHz Radio Links," No. 12, p. 100

Per Vices

"DC to 6 GHz SDR," No. 11, p. 48.

Phase Matrix

"Smaller, Faster, Cheaper Synthesizers," No. 2, p. 40. Pico Technology

"Four-Channel 20 GHz Sampling Oscilloscope," No.

10, p. 158. **QRC Technologies** Transcorder Records 80 MHz Bandwidth Between

50 MHz and 6 GHz," No. 11, p. 44.

Rohde & Schwarz "Vector Network Analysis with Up to 48 Ports," No.

3, p. 120.

Rohde & Schwarz "Easy and Powerful Oscilloscopes," No. 6, p. 106.

SAF Tehnika ISC

"Handheld Microwave Spectrum Analyzer," No. 9, p.

SAGE Millimeter Inc.

"Waveguide Noise Figure and Gain Test Extenders," No. 8, p. 56.

SAGE Millimeter Inc.

"Millimeter-Wave Full Waveguide Band Mixers," No. 10, p. 148.

Schmid & Partner Engineering AG (SPEAG)/Zurich MedTech AG (ZMT)

"Simulation Platform Offering Multiphysics, Multiscale Simulation in Life Sciences," No. 12, p. 96

"High Performance, Off-the-Shelf Switch Matrix," No. 8, p. 106.

SenarioTek

Signal Hound

"Multi-Lane, Single Connection Signal Integrity Measurements," No. 10, p. 160.

"Affordable Real-Time Spectrum Analysis," No. 5, p. 216.

Skyworks Solutions Inc. "Second Generation Front End Modules Support Carrier Aggregation," No. 5, p. 214.

Spacek Labs Inc.

"E-Band Mixer with LO Multiplier," No. 2, p. 130.

Spectrum Elektrotechnik GmbH

"Flexible Cables Offer Replacement for Semi-Rigid," No. 3, p. 46.

Spectrum Elektrotechnik GmbH "Multiport Connectors Evolve," No. 9, p. 162.

SPINNER GmbH "Hybrid Rotary Joints for Radar Applications," No. 1,

EditorialIndex

p. 130.

Sumitomo Electric Device Innovations USA Inc.

"High Power C- to X-Band GaN Amplifiers," No. 8, p. 118.

TEGAM

"Two-Thermistor Bolometer," No. 6, p. 116.

Tektronix Inc.

Enhanced Spectrum Analyzer Performance of Mixed Domain Oscilloscopes," No. 1, p. 136.

Tektronix Inc.

"6 in 1 Oscilloscope Instrument," No. 5, p. 222.

Tektronix Inc.

"Affordable, Full-Featured Highly Portable Spectrum Analyzer," No. 12, p. 104

Teledyne LeCroy

Ghannel, 12-bit, 1 GHz Bandwidth Oscilloscope," No. 7, p. 114.

Teledyne Microwave Solutions

'Ka-Band ITAR-Free Suite," No. 4, p. 124.

TriQuint Semiconductor

"High Efficiency Amplifier for Picocells," No. 8, p. 100.

TRU Corp.

"The Next Generation in High Power RF Transmission," No. 3, p. 42.

W.L. Gore & Associates

"Spaceflight Cable Assemblies and Connectors," No. 3, p. 44.

XMA Corp.

"Coaxial Attenuators, Terminations and Adapters," No. 11, p. 134.

SPECIAL REPORTS

Flemming, J.H., R. Cook, S. Sibbet, C.F. Schmidt, K. Dunn and J. Gouker

"Cost Effective 3D Glass Microfabrication for Advanced RD Packages," No. 4, p. 76.

Hindle Patrick

"IMS 2014 MicroApps Special Panel Session," No. 5, p. 48.

Kimery, James and Ian Wong"Prototyping Massive MIMO," No. 1, p. 92.

Lerude, Gary

"Honored to Join You," No. 22, p 20.

Mumford, Richard

"Microwaves in Europe: Vision 2020," No. 9, p. 84.

Nickerson, Kent

"Envelope Tracking Comes of Age on Mobile Handsets," No. 9, p. 100.

Rohde, Ulrich L. and Ajay K. Poddar

"Möbius Strips and Metamaterial Symmetry: Theory and Applications," No. 11, p. 76.

Rohde, Ulrich L. and Ajay K. Poddar

"Metamaterial Resonators: Theory and Applications," No. 12, p. 74

Ross, Jim, Vic Wilkerson and Peter Lefkin

MIPI's RFFE: A Standard for Unifying Mobile Device Communications Designs," No. 8, p. 84.

Sheffres, Carl

"Reality Bites," No. 1, p. 18.

Sheffres, Carl

"The Mission Remains the Same...," No. 9, p. 20.

"Semiconductor Technology Drives the EDI CON 2014 Technical Program," No. 1, p. 46.

Vye, David

'Countdown to EDI CON 2014," No. 2, p. 20.

Vye, David

"The Promise of the Tribe," No. 3, p. 62.

Vye, David

"EDI CON Program Review," No. 3, p. 63.

Vye, David

"The Path to 5G Runs Through China," No. 5, p. 44.

Vye, David

"Passing the Torch," No. 8, p. 20.

SUPPLEMENT FEATURES

2014 • Volume 57

Coonrod, John

"Signal Launch Methods for RF/Microwave PCBs," No. 3, p. 12.

Deng, Sijia, Christopher J. Slezak, George R. MacCartney Jr. and Theodore S. Rappaport

"Small Wavelengths-Big Potential: Millimeter Wave Propagation Measurements for 5G," No. 11, p. 4.

Eged, Bertalan, Raffaele Fiengo and David A. Hall

Modular Platform Approach for UWB Radar System Design and Verification Challenges," No. 8, p. 8.

"Passive Intermodulation Characteristics," No. 3, p. 34.

Hall, David A.

"Six LTE Receiver Measurements Every Wireless Engineer Should Know," No. 11, p. 18.

Hansen, John S.

"A Cost-Effective Approach to Simulation for Electronic Warfare Systems," No. 8, p. 18.

Huel, Steffen and Andreas Roessler

"Co-existence Tests for S-Band Radar and LTE Networks," No. 8, p. 26.

John, Robert

"Reliable Cable Assembly Performance Over Time," No. 3, p. 28.

Johnson, Emmy

"Disruptive Factors in the Global Long Haul Market," No. 11, p. 36.

Lim, Chin Leong

"Low Loss Configuration for Integrated PIN-Schottky Limiters," No. 8, p. 40.

Liu, Wei and Da Wenpen

"Optimizing Cable Assemblies per Application Requirement," No. 3, p. 20.

Mumford, Richard and Pat Hindle

"RF Cable and Connector Outlook," No. 3, p. 6.

'Understanding Envelope Tracking and Its Measurement Challenges," No. 11, p. 14.

Vilar, R., J. Marti, R. Czarny, M. Sypek, M.

Makowski, C. Martel, T. Crepin, F. Boust, R. Joseph,

K. Herbertz, T. Bertuch, A. LeFevre and F. Magn "Smart Antennas and Front End Modules in Q-Band for Backhaul Networks," No. 11, p. 28.

Zhao, Li, Jian-Yi Zhou, Wen-Wen Yang, Zhi-Qiang

Yu and Li-Na Cao"Design of an 8 × 8 MIMO Broadband RF Subsystem for Future WLAN," No. 11, p. 22.