

Wasif Tanveer Khan

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Contact:



About

Dr. Wasif Tanveer Khan is working as Associate Professor in the School of Electrical Engineering and Computer Science. Dr. Wasif Tanveer Khan has a PhD in RF and Microwave. Dr. Wasif Tanveer Khan has published 77 research articles & conference papers having a citation count of 573, carried out 1 projects and filed 0 intellectual property.

Qualifications

PhD in RF and Microwave Georgia Institute of Technology , United States	2011 - 2014
MS in RF and Microwave Georgia Institute of Technology , United States	2009 - 2010
BSc in Electrical Engineering UET Lahore , Pakistan	2002 - 2006

Experience

Associate Professor School of Electrical Engineering and Computer Science	2023- Present
Assistant Professor Lahore University of Management Sciences , Opposite Sector U, DHA Lahore	2015 - 2023

Research Projects

National Projects	
Design and optimize an automotive radar transmitter and receiver system using MATLAB/Octave for a 77 GHz frequency, targeting eventual implementation on a Xcelerium Vector Processor	2024
Funding Agency: Commercial	
Amount: PKR 1,764,000.00	
Status: Approved_inprocess	

International Projects

Research Articles

A High Efficiency and Low Mutual Coupling Four-Element Antenna Array for GNSS Applications <i>Abdullah Madni Wasif Tanveer Khan</i> <i>Progress in Electromagnetics Research Letters</i> , Volume 116, Pages 63-70 Impact Factor: 0.700 Quartile: 4 Citations: 1 DOI: doi:10.2528/PIERL23113005	2024
Lithography-Based Fabricated Capacitive Pressure Sensitive Touch Sensors for Multimode Intelligent HMI <i>Muhammad Qasim Mehmood Muhammad Hamza Zulfiqar Amit Kumar Goyal Muhammad Shumail Malik Wasif Tanveer Khan Muhammad Atif Khan</i> <i>Muhammad Zubair Yehia Massoud</i> <i>IEEE Access</i> , Volume: 11, Page(s): 127411-127421 Impact Factor: 3.9 Quartile: 2 Citations: 7 DOI: 10.1109/ACCESS.2023.3332165	2023
Design of a Compact 4-Element GNSS Antenna Array With High Isolation Using a Defected Ground Structure (DGS) and a Microwave Absorber <i>Abdullah Madni Wasif Tanveer Khan</i> <i>IEEE Open Journal of Antennas and Propagation</i> , Volume: 4, Page(s):779-791	2023

Impact Factor: 4.0 Quartile: 2 Citations: 10 DOI: 10.1109/OJAP.2023.3298773	
A compact high isolation wideband MIMO antenna for multi-band applications <i>Abdullah Madni Kashif Riaz Muhammad Rizwan Akram Hamood Ur Rahman Mutee Ur Rehman Wasif Tanveer Khan Muhammad Qasim Mehmood</i> <i>Journal of Electromagnetic Waves and Applications</i> , Pages 1-14 Impact Factor: 1.438 Quartile: 4 Citations: 9 DOI: 10.1080/09205071.2022.2054730	2022
Design of a Compact High Isolation 4-Element Wideband Patch Antenna Array for GNSS Applications <i>Muhammad Awais Abdullah Madni Wasif Tanveer Khan</i> <i>IEEE Access</i> , Volume:10, Pages:13780-13786 Impact Factor: 3.900 Quartile: 2 Citations: 12 DOI: 10.1109/ACCESS.2022.3147600	2022
Low-cost and small size millimeter wave (24 ghz) extended hemispherical lens antenna for automotive and industrial applications using fr408hr substrate <i>Waleed Ahmad Furkan Dayi Hamood Ur Rahman Wasif Tanveer Khan</i> <i>Progress in Electromagnetics Research Letters</i> , Volume:100, Page:73-80 Impact Factor: N/A Citations: 3 DOI: 10.2528/PIERL21080202	2021
A Triband Rectifier Toward Millimeter-Wave Frequencies for Energy Harvesting and Wireless Power-Transfer Applications <i>Arslan Riaz Subhan Zakir Muhammad Musab Farooq Muhammad Awais Wasif Tanveer Khan</i> <i>IEEE Microwave and Wireless Components Letters</i> , Volume:31, Issue:2, Page:192-195 Impact Factor: 2.719 Quartile: 2 Citations: 37 DOI: 10.1109/LMWC.2020.3037137	2021
Organically Packaged Components and Modules: Recent Advancements for Microwave and mm-Wave Applications <i>Asad Ali Nawaz Wasif Tanveer Khan A. Cagri Ulusoy</i> <i>IEEE Microwave Magazine</i> , Volume:20, Issue:11, Pages 49-72 Impact Factor: 2.928 Quartile: 2 Citations: 11 DOI: 10.1109/MMM.2019.2935365	2019
Penta-notched UWB antenna with sharp frequency edge selectivity using combination of SRR, CSRR, and DGS <i>Muhib Ur Rahman Wasif Tanveer Khan Muhammad Imran</i> <i>AEU - International Journal of Electronics and Communications</i> , Volume:93, Pages 116-122 Impact Factor: 2.853 Quartile: 2 Citations: 62 DOI: https://doi.org/10.1016/j.aeue.2018.06.010	2018
Hybrid Utilization of Loading Techniques and Cavity Groove for Performance Enhancement of Ultra-Wideband (2-18 GHz) Spiral Antenna <i>Muhammad Hamza Wasif Tanveer Khan</i> <i>International Journal of Antennas and Propagation</i> , Volume 2018, Article ID 9167154, 8 pages Impact Factor: 1.347 Quartile: 2 Citations: 11 DOI: https://doi.org/10.1155/2018/9167154	2018
Surface Roughness Modeling of Substrate Integrated Waveguide in D-Band <i>Ming Yi Sensen Li Huan Yu Wasif Tanveer Khan Cagri Ulusoy Aida Vera-Lopez John Papapolymerou Madhavan Swaminathan</i> <i>IEEE Transactions on Microwave Theory and Techniques</i> , Volume 64, Issue 4, Pages 1209-1216 Impact Factor: 2.897 Quartile: 2 Citations: 38 DOI: 10.1109/TMTT.2016.2535290	2016
Thermal Modeling of Microfluidic Channels for Cooling High Power Resistors on Multilayer Organic Liquid Crystal Polymer Substrate <i>Outmane Lemtiri Chlieh Wasif Tanveer Khan John Papapolymerou</i> <i>Journal of Electronic Packaging</i> , Volume 137(3), Article Number 031009 (12 pages) Impact Factor: 1.402 Quartile: 2 Citations: 4 DOI: doi.org/10.1115/1.4030643	2015
D-band Channel Measurements and Characterization for Indoor Applications <i>Seunghwan Kim Wasif Tanveer Khan Alenka Zajić John Papapolymerou</i>	2015

IEEE Transactions on Antennas and Propagation, Volume 63, Issue 7, Pages 3198-3207	
Impact Factor: 2.053 Quartile: 1 Citations: 68	
DOI: 10.1109/TAP.2015.2426831	
A D-Band Micromachined End-Fire Antenna in 130-nm SiGe BiCMOS Technology	2015
Wasif Tanveer Khan A. Çağrı Ulusoy Gaetan Dufour Mehmet Kaynak Bernd Tillack John D. Cressler John Papapolymerou	
IEEE Transactions on Antennas and Propagation, Volume 63, Issue 6, Pages 2449-2459	
Impact Factor: 2.053 Quartile: 1 Citations: 90	
DOI: 10.1109/TAP.2015.2416751	
A D-Band SiGe Low-Noise Amplifier Utilizing a Gain-Boosting Technique	2015
A. Çağrı Ulusoy Peter Song Wasif Tanveer Khan Mehmet Kaynak Bernd Tillack John Papapolymerou John D. Cressler	
IEEE Microwave and Wireless Components Letters, Volume 25, Issue 1, Pages 61-63	
Impact Factor: 1.599 Quartile: 2 Citations: 43	
DOI: 10.1109/LMWC.2014.2369992	
Orientation study to minimise coupling effects in radiation patterns of dual-packaged compact millimeter-wave antennas	2015
Aida L. Vera López Wasif Tanveer Khan John Papapolymerou	
International Journal of Antennas and Propagation, Volume 9, Issue 2, Pages 159-165	
Impact Factor: 0.750 Quartile: 3 Citations: 1	
DOI: doi.org/10.1049/iet-map.2014.0092	
A Low-Loss and High Isolation D-Band SPDT Switch Utilizing Deep-Saturated SiGe HBTs	2014
A. Çağrı Ulusoy Peter Song Robert L. Schmid Wasif Tanveer Khan Mehmet Kaynak Bernd Tillack John Papapolymerou John D. Cressler	
IEEE Microwave and Wireless Components Letters, Volume 24, Issue 6, Pages 400-402	
Impact Factor: 1.703 Quartile: 2 Citations: 44	
DOI: 10.1109/LMWC.2014.2313529	
Packaging a W-band Integrated Module with an Optimized Flip-Chip Interconnect on an Organic Substrate	2014
Wasif Tanveer Khan Aida L. Vera López Aida L. Vera López John Papapolymerou	
IEEE Transactions on Microwave Theory and Techniques, Volume 62, Issue 1, Pages 64-72	
Impact Factor: 2.243 Quartile: 1 Citations: 39	
DOI: 10.1109/TMTT.2013.2292832	
A 60 GHz Active Receiving Switched-Beam Antenna Array with Integrated Butler Matrix and GaAs Amplifiers	2012
Chad E. Patterson Wasif Tanveer Khan George E. Ponchak Gary S. May John Papapolymerou	
IEEE Transactions on Microwave Theory and Techniques, Volume 60, Issue 11, Pages 3599-3607	
Impact Factor: 2.229 Quartile: 1 Citations: 76	
DOI: 10.1109/TMTT.2012.2213834	
Conference Proceedings	
Pattern-Reconfigurable Antenna with Fluidically Control Metasurface	2024
Taimoor Shah Muhammad Umar Khan Wasif Tanveer Khan Rifaqat Hussain Akram Alomainy	
2024 IEEE International Symposium on Antennas and Propagation and INC/USNC-URSI Radio Science Meeting (AP-S/INC-USNC-URSI), res.country(109,)	
Citations: N/A	
DOI: Nil	
Liquid-Based Reconfigurable 4x4 Butler Matrix for Enhanced Spatial Coverage	2024
Sohail Iqbal Muhammad Umar Khan Wasif Tanveer Khan Rifaqat Hussain James Kelly Akram Alomainy	
2024 IEEE International Symposium on Antennas and Propagation and INC/USNC-URSI Radio Science Meeting (AP-S/INC-USNC-URSI), res.country(109,)	
Citations: N/A	
DOI: 10.1109/AP-S/INC-USNC-URSI52054.2024.10686759	
Design of a High Isolation 60 GHz MIMO Antenna Using a Defected Ground Structure	2023
Abdullah Madni Wasif Tanveer Khan	
2023 IEEE International Symposium on Antennas and Propagation and USNC-URSI Radio Science Meeting (USNC-URSI), res.country(233,)	
Citations: N/A	
DOI: 10.1109/USNC-URSI52151.2023.10238028	

A Compact Metamaterial based High Isolation MIMO Antenna for 5.8 GHz WLAN Applications <i>Abdullah Madni Rana Muhammad Hasan Bilal Wasif Tanveer Khan</i> <i>2022 IEEE International Symposium on Antennas and Propagation and USNC-URSI Radio Science Meeting, AP-S/URSI 2022 - Proceedings, res.country(233,)</i> Citations: N/A DOI: 10.1109/AP-S/USNC-URSI47032.2022.9887235	2022
A Compact Inkjet-Printed Wide-band Antenna for X/Ku/K/Ka-band and 5G Applications <i>Abdullah Madni Subhan Zakir Rana Muhammad Hasan Bilal Wasif Tanveer Khan</i> <i>2022 IEEE International Symposium on Antennas and Propagation and USNC-URSI Radio Science Meeting, AP-S/URSI 2022 - Proceedings, res.country(233,)</i> Citations: N/A DOI: 10.1109/AP-S/USNC-URSI47032.2022.9886823	2022
Design of a Compact Inkjet-Printed Wideband (4.89- 18 GHz) Antenna on a flexible PET Substrate <i>Abdullah Madni Subhan Zakir Muhammad Awais, Wasif Tanveer Khan</i> <i>2021 IEEE International Symposium on Antennas and Propagation and North American Radio Science Meeting, APS/URSI 2021 - Proceedings, res.country(197,)</i> Citations: N/A DOI: 10.1109/APS/URSI47566.2021.9704758	2021
A Single Cell Dual Band Rectifier at Millimeter-Wave Frequencies for Future 5G Communications <i>Arslan Riaz Muhammad Awais, M. Musab Farooq Wasif Tanveer Khan</i> <i>2019 49th European Microwave Conference, EuMC 2019, res.country(75,)</i> Citations: N/A DOI: 10.23919/EuMC.2019.8910897	2019
An ultra-wideband (16 40 GHz) mmWave antenna for automotive radar and 5G applications <i>Muhammad Awais, Arslan Riaz Wasif Tanveer Khan</i> <i>2019 IEEE International Symposium on Antennas and Propagation and USNC-URSI Radio Science Meeting, APSURSI 2019 - Proceedings, res.country(233,)</i> Citations: N/A DOI: 10.1109/APUSNCURSINRSM.2019.8889255	2019
Design and Development of a Compact Dual CP Eight Band Planar Log Periodic Antenna for RF Energy Harvesting through Ambient Sources <i>Hafiz Saad Khaliq Ali Javed Hashmi Wasif Tanveer Khan</i> <i>2018 IEEE Antennas and Propagation Society International Symposium and USNC/URSI National Radio Science Meeting, APSURSI 2018 - Proceedings, res.country(233,)</i> Citations: N/A DOI: 10.1109/APUSNCURSINRSM.2018.8609210	2018
A Compact Ultra-wideband Single Element Planar Yagi Antenna <i>Muhammad Awais, Muhammad Hamza Wasif Tanveer Khan</i> <i>2018 IEEE Antennas and Propagation Society International Symposium and USNC/URSI National Radio Science Meeting, APSURSI 2018 - Proceedings, res.country(233,)</i> Citations: N/A DOI: 10.1109/APUSNCURSINRSM.2018.8608258	2018
A Compact Low Cost High Isolation Substrate Integrated Waveguide Fed Slot Antenna Array at 28 GHz Employing Beam-forming and Beam Scanning for 5G Applications <i>Jamal Abdul Nasir Mutee ur Rehman Ali Javed Hashmi Wasif Tanveer Khan</i> <i>European Conference on Antennas and Propagation, London, UK, res.country(231,)</i> Citations: N/A DOI: 10.1049/cp.2018.1202	2018
A high gain six band frequency independent dual CP planar log periodic Antenna for ambient rf energy harvesting <i>Hafiz Saad Khaliq Muhammad Awais, Waleed Ahmad Wasif Tanveer Khan</i> <i>Progress in Electromagnetics Research Symposium, res.country(197,)</i> Citations: N/A DOI: 10.1109/PIERS-FALL.2017.8293652	2017
Bench top wireless power transmission using magnetic resonance for multiple devices <i>Ijhar Khan Muhammad Asfand Yar Muhammad Rafey Khan Faaran Khan Wasif Tanveer Khan</i>	2017

<i>Progress in Electromagnetics Research Symposium</i> , res.country(197,)	
Citations: N/A	
DOI: 10.1109/PIERS-FALL.2017.8293665	
A highly efficient tri band (GSM1800, WiFi2400 and WiFi5000) rectifier for various radio frequency harvesting applications	2017
<i>Mutee ur Rehman Waleed Ahmad Muhammad Ibrahim Qureshi Wasif Tanveer Khan</i>	
<i>Progress in Electromagnetics Research Symposium</i> , res.country(197,)	
Citations: N/A	
DOI: 10.1109/PIERS-FALL.2017.8293473	
Long range wireless power transfer via magnetic resonance	2017
<i>Ijhar Khan Muhammad Ibrahim Qureshi Mutee Ur Rehman Wasif Tanveer Khan</i>	
<i>Progress in Electromagnetics Research Symposium</i> , res.country(197,)	
Citations: N/A	
DOI: 10.1109/PIERS-FALL.2017.8293663	
Highly efficient and low cost radio frequency rectifier for energy harvesting applications	2017
<i>Mutee-ur-Rehman Ijhar Khan Waleed Ahmad Wasif Tanveer Khan</i>	
<i>Progress in Electromagnetics Research Symposium</i> , res.country(197,)	
Citations: N/A	
DOI: 10.1109/PIERS-FALL.2017.8293560	
A novel dual-band millimeter-wave antenna for automotive radar and multi-gigabit wireless communications	2017
<i>Muhammad Awais, Hafiz Saad Khaliq Wasif Tanveer Khan</i>	
<i>Progress in Electromagnetics Research Symposium</i> , res.country(197,)	
Citations: N/A	
DOI: 10.1109/PIERS-FALL.2017.8293612	
Time Domain Analysis of a Compact UWB Antenna Acting as a Band Stop Filter in Five Narrow Frequency Bands	2017
<i>MuhibUr Rahman Wasif Tanveer Khan Muhammad Imran Muhammad Awais</i>	
<i>IEEE Asia Pacific Microwave Conference(APMC2017), Lumpur, Malaysia,, res.country(157,)</i>	
Citations: 7	
DOI: 10.1109/APMC.2017.8251565	
Radio frequency energy harvesting from ambient FM signals for making battery-less sensor nodes for wireless sensor networks	2017
<i>Mutee-Ur-Rehman Muhammad Ibrahim Qureshi Waleed Ahmad Wasif Tanveer Khan</i>	
<i>Asia-Pacific Microwave Conference Proceedings, APMC</i> , res.country(157,)	
Citations: N/A	
DOI: 10.1109/APMC.2017.8251487	
Highly efficient dual band 2.45/5.85 GHz rectifier for RF energy harvesting applications in ISM band	2017
<i>Mutee ur Rehman Waleed Ahmad Wasif Tanveer Khan</i>	
<i>Asia-Pacific Microwave Conference Proceedings, APMC</i> , res.country(157,)	
Citations: N/A	
DOI: 10.1109/APMC.2017.8251400	
Smallest form factor, high performance 2-18 GHz cavity-backed archimedean spiral antenna	2017
<i>Asad Ali Muhammad Hamza Wasif Tanveer Khan</i>	
<i>2017 International Symposium on Antennas and Propagation, ISAP 2017</i> , res.country(217,)	
Citations: N/A	
DOI: 10.1109/ISANP.2017.8228902	
A novel ultra-wideband quasi-yagi antenna for millimeterwave applications	2017
<i>Muhammad Awais, Waleed Ahmad Hafiz Saad Khaliq Wasif Tanveer Khan</i>	
<i>2017 International Symposium on Antennas and Propagation, ISAP 2017</i> , res.country(217,)	
Citations: N/A	
DOI: 10.1109/ISANP.2017.8228937	
A miniaturized dual-band stop frequency selective surface for 900 MHz and 1800 MHz bands shielding	2017
<i>Mudassar Nauman Wasif Tanveer Khan</i>	
<i>2017 11th European Conference on Antennas and Propagation, EUCAP 2017</i> , res.country(75,)	

Citations: N/A DOI: 10.23919/EuCAP.2017.7928713	
Small form factor dual band (28/38 GHz) PIFA antenna for 5G applications <i>Waleed Ahmad Wasif Tanveer Khan</i> 2017 IEEE MTT-S International Conference on Microwaves for Intelligent Mobility, ICMIM 2017, res.country(113,)	2017
Citations: N/A DOI: 10.1109/ICMIM.2017.7918846	
Hybrid Dual Band Radio Frequency and Solar Energy Harvesting System for Making Battery-less Sensing Nodes <i>Muhammad Hamza Mutee ur Rehman Arslan Riaz Zaki Maqsood Wasif Tanveer Khan</i> IEEE Radio and Wireless Symposium, RWS, res.country(233,)	2017
Citations: N/A DOI: 10.1109/RWS50353.2021.9360396	
Small form factor PIFA antenna design at 28 GHz for 5G applications <i>Waleed Ahmad Asad Ali Wasif Tanveer Khan</i> 2016 IEEE Antennas and Propagation Society International Symposium, APSURSI 2016 - Proceedings, res.country(181,)	2016
Citations: N/A DOI: 10.1109/APS.2016.7696580	
A fully packaged D-band MIMO transmitter using high-density flip-chip interconnects on LCP substrate <i>Sensen Li Taiyun Chi Jong Seok Park Wasif Tanveer Khan Hua Wang John Papapolymerou</i> IEEE MTT-S International Microwave Symposium Digest, res.country(233,)	2016
Citations: N/A DOI: 10.1109/MWSYM.2016.7540177	
A V-band end-fire Yagi-Uda antenna on an ultra-Thin glass packaging technology <i>Wasif Tanveer Khan S. Sitaraman Aida L. Vera López M. R. Pulugurtha V. Sundaram R. R. Tummala J. Papapolymerou</i> European Microwave Week 2015: "Freedom Through Microwaves", EuMW 2015 - Conference Proceedings; 2015 45th European Microwave Conference Proceedings, EuMC , res.country(75,)	2015
Citations: N/A DOI: 10.1109/EuMC.2015.7345839	
Characterization of electrical properties of glass and transmission lines on thin glass up to 50 GHz <i>Wasif Tanveer Khan Jialing Tong Srikrishna Sitaraman Venky Sundaram Rao Tummala John Papapolymerou</i> 2015 IEEE 65th Electronic Components and Technology Conference (ECTC), res.country(233,)	2015
Citations: N/A DOI: 10.1109/ECTC.2015.7159898	
A D-band (110 to 170 GHz) SPDT switch in 32 nm CMOS SOI <i>R. Schmid T. Chi J. D. Cressler H. Wang Wasif Tanveer Khan A. C. Ulusoy J. Papapolymerou</i> 2015 IEEE MTT-S International Microwave Symposium, IMS 2015, res.country(233,)	2015
Citations: N/A DOI: 10.1109/MWSYM.2015.7167061	
Large frequency tuning of a millimeter-wave antenna using dielectric liquids in integrated micro-channels <i>Gaëtan Dufour Nicolas Tiercelin Wasif Tanveer Khan Philippe Coquet Philippe Pernod John Papapolymerou</i> 2015 IEEE MTT-S International Microwave Symposium, IMS 2015, res.country(233,)	2015
Citations: N/A DOI: 10.1109/MWSYM.2015.7167014	
A low loss X-band filter using 3-D Polyjet technology <i>Fan Cai Wasif Tanveer Khan John Papapolymerou</i> 2015 IEEE MTT-S International Microwave Symposium, IMS 2015, res.country(233,)	2015
Citations: N/A DOI: 10.1109/MWSYM.2015.7166895	
Microfluidically reconfigurable GaN power amplifier on multilayer organic substrate for s-band and c-band applications <i>Outmane Lemtiri Chlieh Wasif Tanveer Khan John Papapolymerou</i> 2015 IEEE MTT-S International Microwave Symposium, IMS 2015, res.country(233,)	2015
Citations: N/A	

DOI: 10.1109/MWSYM.2015.7167140

Orthogonal wideband (DC-10 GHz) microstrip-to-microstrip transition using flexible LCP interconnects

2014

Dylan McQuaide Wasif Tanveer Khan Luca Guidoni Massimo Ruzzene John Papapolymerou

European Microwave Week 2014: "Connecting the Future", EuMW 2014 - Conference Proceedings; EuRAD 2014: 11th European Radar Conference
res.country(233,)

Citations: N/A

DOI: 10.1109/EuRAD.2014.6991311

An ultra-wideband, hybrid, distributed power amplifier using flip-chip bonded GaN devices on AlN substrate

2014

A. Çağrı Ulusoy Christopher Barisich Spyridon Pavlidis Wasif Tanveer Khan John Papapolymerou

2014 9th European Microwave Integrated Circuit Conference, res.country(109,)

Citations: N/A

DOI: 10.1109/EuMIC.2014.6997862

Compact, low-power, single-ended and differential SiGe W-band LNAs

2014

Farzad Inanlou Wasif Tanveer Khan Peter Song Saeed Zeinolabedinzadeh Robert L. Schmid Taiyun Chi Ahmet C. Ulusoy John Papapolymerou Hua Wang
John D. Cressler

European Microwave Week 2014: "Connecting the Future", EuMW 2014 - Conference Proceedings; EuMIC 2014: 9th European Microwave Integrated
Circuits Conference, res.country(233,)

Citations: N/A

DOI: 10.1109/EuMIC.2014.6997890

An investigation of fT and fmax degradation due to device interconnects in 0.5 THz SiGe HBT technology

2014

A. Çağrı Ulusoy Robert L. Schmid Saeed Zeinolabedinzadeh Wasif Tanveer Khan Mehmet Kaynak Bernd Tillack John D. Cressler

Proceedings of the IEEE Bipolar/BiCMOS Circuits and Technology Meeting, res.country(233,)

Citations: N/A

DOI: 10.1109/BCTM.2014.6981317

D-band indoor path loss measurements

2014

Wasif Tanveer Khan Seunghwan Kim Alenka Zajic John Papapolymerou

2014 IEEE Antennas and Propagation Society International Symposium (APSURSI), res.country(233,)

Citations: N/A

DOI: 10.1109/APS.2014.6904913

A 314 GHz, fully-integrated SiGe transmitter and receiver with integrated antenna

2014

Saeed Zeinolabedinzadeh Wasif Tanveer Khan Mahmoud Kamarei John Papapolymerou Mehmet Kaynak Bernd Tillack John D. Cressler

2014 IEEE Radio Frequency Integrated Circuits Symposium, res.country(233,)

Citations: N/A

DOI: 10.1109/RFIC.2014.6851742

Characterization of a low-loss and wide-band (DC to 170 GHz) flip-chip interconnect on an organic substrate

2014

Wasif Tanveer Khan A. Çağrı Ulusoy Robert L. Schmid John Papapolymerou

2014 IEEE MTT-S International Microwave Symposium (IMS2014), res.country(233,)

Citations: N/A

DOI: 10.1109/MWSYM.2014.6848343

L-band tunable microstrip bandpass filter on multilayer organic substrate with integrated microfluidic channel

2014

Outmane Lemtiri Chlieh Wasif Tanveer Khan John Papapolymerou

2014 IEEE MTT-S International Microwave Symposium (IMS2014), res.country(233,)

Citations: N/A

DOI: 10.1109/MWSYM.2014.6848341

A low-cost, encapsulated flip-chip package on organic substrate for wideband gallium nitride (GaN) hybrid amplifiers

2014

Spyridon Pavlidis A. Çağrı Ulusoy Wasif Tanveer Khan John Papapolymerou

2014 IEEE MTT-S International Microwave Symposium (IMS2014), res.country(233,)

Citations: N/A

DOI: 10.1109/MWSYM.2014.6848563

Integrated microfluidic cooling of high power passive and active devices on multilayer organic substrate <i>Outmane Lemtiri Chlieh Wasif Tanveer Khan John Papapolymerou</i> <i>2014 IEEE MTT-S International Microwave Symposium (IMS2014)</i> , res.country(233,) Citations: N/A DOI: 10.1109/MWSYM.2014.6848611	2014
High resolution aerosol jet printing of D- band printed transmission lines on flexible LCP substrate <i>Fan Cai Yung-hang Chang Kan Wang Wasif Tanveer Khan Spyridon Pavlidis John Papapolymerou</i> <i>IEEE MTT-S International Microwave Symposium Digest</i> , res.country(233,) Citations: N/A DOI: 10.1109/MWSYM.2014.6848597	2014
A feasibility study of flip-chip packaged gallium nitride HEMTs on organic substrates for wideband RF amplifier applications <i>Spyridon Pavlidis A. Cagri Ulusoy Wasif Tanveer Khan Outmane Lemtiri Chlieh Edward Gebara John Papapolymerou</i> <i>Proceedings - Electronic Components and Technology Conference</i> , res.country(233,) Citations: N/A DOI: 10.1109/ECTC.2014.6897625	2014
Characterization of liquid crystal polymer from 110 GHz to 170 GHz <i>Wasif Tanveer Khan Carlos A. Donado Morcillo A. Çağrı Ulusoy John Papapolymerou</i> <i>IEEE Radio and Wireless Symposium, RWS</i> , res.country(233,) Citations: N/A DOI: 10.1109/RWS.2014.6830138	2014
Microfluidic channel on organic substrates as size reducing technique for 915 MHz antenna designs <i>Aida L. Vera López David B. Giles Wasif Tanveer Khan Outmane Chlieh George E. Ponchak John Papapolymerou</i> <i>2013 Asia-Pacific Microwave Conference Proceedings (APMC)</i> , res.country(233,) Citations: N/A DOI: 10.1109/APMC.2013.6695063	2013
Integration of V-Band and W-Band antennas with SPDT switch on organic substrates <i>Wasif Tanveer Khan Aida L. Vera López John Papapolymerou George E. Ponchak</i> <i>2013 IEEE Antennas and Propagation Society International Symposium (APSURSI)</i> , res.country(233,) Citations: N/A DOI: 10.1109/APS.2013.6710993	2013
Integrated microfluidic cooling for GaN devices on multilayer organic LCP substrate <i>Outmane Lemtiri Chlieh Carlos A. Donado Morcillo Spyridon Pavlidis Wasif Tanveer Khan John Papapolymerou</i> <i>IEEE MTT-S International Microwave Symposium Digest</i> , res.country(233,) Citations: N/A DOI: 10.1109/MWSYM.2013.6697787	2013
Dual frequency organically packaged antenna arrays at 57 and 80 GHz <i>Aida L. Vera López Wasif Tanveer Khan John Papapolymerou</i> <i>2013 IEEE MTT-S International Microwave Symposium Digest (MTT)</i> , res.country(233,) Citations: N/A DOI: 10.1109/MWSYM.2013.6697777	2013
A 94 GHz flip-chip packaged SiGe BiCMOS LNA on an LCP substrate <i>Wasif Tanveer Khan Çağrı Ulusoy Mehmet Kaynak Herman Schumacher John Papapolymerou</i> <i>IEEE MTT-S International Microwave Symposium Digest</i> , res.country(233,) Citations: N/A DOI: 10.1109/MWSYM.2013.6697744	2013
D-Band characterization of co-planar wave guide and microstrip transmission lines on liquid crystal polymer <i>Wasif Tanveer Khan A. Çağrı Ulusoy John Papapolymerou</i> <i>2013 IEEE 63rd Electronic Components and Technology Conference</i> , res.country(233,) Citations: N/A DOI: 10.1109/ECTC.2013.6575905	2013
A hybrid GaN/organic X-band transmitter module <i>Spyridon Pavlidis Carlos A. Donado Morcillo Peter Song Wasif Tanveer Khan Robert Fitch James Gillespie Rey Febo Tony Quach John Papapolymerou</i>	2013

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An ultrawide band W-band end-fire antenna on flexible organic substrate

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IEEE International Microwave Symposium (IMS), Baltimore, MD, res.country(233,)

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Editorial Activities

Edited Journal Issue / Proceeding / Book Impact Factor: N/A	2024
Edited Journal Issue / Proceeding / Book Impact Factor: N/A	2024
Edited Journal Issue / Proceeding / Book Impact Factor: N/A	2024
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N/A Edited Journal Issue / Proceeding / Book Impact Factor: N/A	2024
N/A Edited Journal Issue / Proceeding / Book Impact Factor: N/A	2024
N/A Edited Journal Issue / Proceeding / Book Impact Factor: N/A	2024
IET Microwaves, Antennas & Propagation Edited Journal Issue / Proceeding / Book Impact Factor: 1.1	2024
Edited Journal Issue / Proceeding / Book Impact Factor: 2.016	2023