

# Contents in the Three Volumes

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4	New-Wave Radio 新型电波无线电
5	The Next Challenge for Cellular Networks: Backhaul 蜂窝网络的下一个挑战: 回传网络
6	Faster Than Fiber: The Future of Multi-Gb/s Wireless (Jonathan Wells)-2009 比光纤更快: 每秒若干兆比特 (Gb/s) 无线网络的未来
7	High-Data-Rate Millimeter-Wave Radios 高数据速率毫米波无线电
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9	Microwave connector characterization 微波连接器的特征参数提取
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22	The Sampling Oscilloscope as a Microwave Instrumentation 用作微波仪器的采样示波器
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### CLASSIFICATION OF TRANSLATED ARTICLES FOR 2010-2012

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1	The Roots, Rules, and Rise of RFID 射频识别系统 (RFID) 的根基, 规则和发展
2	Designing and Testing Software-Defined Radios 软件无线电的设计和测试
3	Looking Inside Modern Receivers 揭秘现代接收机
4	Where Is the Tag? 标签在何处?
5	Ultimate Transmission 终极传输
6	Looking Back at Monolithic Microwave Integrated Circuits 单片微波集成电路的历史回顾
7	High-Q Tunable Dielectric Resonator Filter 高 Q 值可调谐介质谐振器滤波器
8	Reconfigurable Planar Filters 可重构平面滤波器
9	Electronically Tunable Filters 电调滤波器
10	Ultrawideband Filter Technologies 超宽带滤波器技术
11	Advanced Filter Synthesis 先进的滤波器合成法
12	Microwave Imaging for Breast Cancer 用于乳腺癌的微波成像
13	No Strings Attached 无线牵挂
14	Large-Signal Network Analysis Including the Baseband 包含了基带的大信号网络分析
15	Microwave Multiport Measurements for the Digital World 用于数字世界的微波多端口测量
16	NVNA Techniques for Pulsed RF Measurement 用于脉冲射频测量的 NVNA 技术
17	Waveform Inspired Models and the Harmonic Balance Emulator 源自于波形的模型及谐波平衡仿真器
18	Measuring Signal Integrity 测量信号的完整性
19	Circuit Simulation in the Dark Ages 黑暗时代的电路仿真
20	The Case for Free Space 自由空间的范例
21	Greater Than The Sum of Its Parts 整体性能优于各部分相加
22	Going Nonlinear 非线性技术一览
23	The Linearity-Efficiency Compromise 线性度 - 效率之间的矛盾关系
24	High-Speed Interconnect Modeling 高速互连的建模
25	Device and IC Characterization Above 100GHz 100GHz 以上的器件和集成电路芯片的表征
26	From RF Circuits to Optical Nanocircuits 从射频电路到光学纳米电路
27	Agile Microwave Device 捷变式微波器件
28	Integrated Adjustable Phase Shifters 集成可调相移器
29	Nanoelectronics in Radio-Frequency Technology 射频技术中的纳米电子学
30	Siliconization of 60GHz 60GHz 下的硅化技术
31	Tuning in to MEMS 采用射频微机电系统 (MEMS) 的调谐
32	Chipless RFID: Bar Code of the Future 无芯片射频识别 (RFID): 未来的条形码
33	Graphene for Microwaves 用于微波的石墨烯
34	Integration for All Configurations 所有结构的集成
35	Power Without Wires 无线电源
36	Promising Future of Metamaterials 超材料富有希望的未来
37	Efficient Use of the Spectrum 频谱的高效使用
38	Transforming Electromagnetics Using Metamaterials 采用超材料来变换电磁场
39	The MMIC Program-A retrospective 微波和毫米波单片集成电路 (MMIC) 计划的追溯
40	Graphene Electronics for RF Applications 应用于射频的石墨烯电子学
41	Next-Generation CMOS RF Power Amplifier 下一代 CMOS 射频功率放大器
42	Advanced Doherty Architecture 先进的 Doherty 构架

### CLASSIFICATION OF TRANSLATED ARTICLES FOR 2013-2015

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1	Advanced Microwave Imaging 先进的微波成像
2	Supporting Fast and Clear Video 支持快速且清晰的视频
3	Tag, you're it 标签, 就是你

No	Article-Year of translation
4	Reflection, Refraction, and Self-Jamming 反射, 折射, 及自干扰
5	A Glimpse of the Future 未来走向一瞥
6	The Sky's the Limit 天空的极限
7	Filling the Spectral Holes 填补频谱死点
8	Submillimeter-Wave Radar 亚毫米波雷达
9	RF and Microwave Links 射频和微波息息相关
10	The Proper Balance 恰当的平衡
11	Looking Back at Monolithic Microwave Integrated Circuits 单片微波集成电路的历史回顾
12	Substrate Integrated Waveguide Filters 芯片集成波导滤波器
13	Substrate Integrated Waveguide Filters 芯片集成波导滤波器
14	Tuned to Resonance 打造谐振局面
15	Substrate Integrated Waveguide Filters 芯片集成波导滤波器
16	Controlled Agility 可控的弹性
17	A Snap Shot in Time 时间快照
18	Advanced Filter Synthesis 先进的滤波器合成法
19	Easy-to-Swallow Wireless Telemetry 易吞嚼式无线遥测
20	Implantable RF Medical Devices 植入式射频医疗器件
21	Magnetic Sensors for Diagnostic Medicine 用于诊断医疗的磁性传感器
22	MRI Fundamentals MRI 基本原理
23	Wearable Wireless Health Monitoring 可穿戴无线健康监测
24	Millimeter-Wave Tissue Diagnostics 毫米波组织诊断
25	Miniature Microwave Biosensors 微型微波生物传感器
26	Wideband Radio Frequency Measurement 宽带射频测量
27	Harmonic Load-Pull Techniques 谐波负载牵引技术
28	Getting Its Measure 测量值的获取
29	Measurement Techniques for RF Nanoelectronic Devices 射频纳米电子器件的测量技术
30	Near-Field Scanning Microwave Microscopy 近场扫描微波显微镜
31	Future Device Modeling Trends 未来的器件建模趋势
32	Understanding Leaky-Wave Structures 认识漏波结构
33	How Low Can They Go? 它们究竟能低到什么程度?
34	Microwave to Terahertz 从微波到太赫兹
35	This Emperor Has No Clothes? 这个皇帝没穿衣服吗?
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38	Traveling Waves and Power Waves 行波和功率波
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55	Mitigate the Interference 消除干扰
56	Push the Envelope 包络的推布
57	Demystifying Envelope Tracking 解密包络跟踪