

List of Abbreviations

A			
APT	Asia-Pacific Tele-community		
AUT	Antenna Under Test		
B			
BW	Bandwidth		
C			
CE	Consumer Electronics		
CPW	Coplanar Waveguide		
D			
DFG	Defected Ground	MAI	Multiple Access Interference
DGS	Defected Ground Structure	MB-	Multi- Band Orthogonal Frequency
DS-	Direct-Sequence Code Division	OFDM	Division Multiplexing
CDMA	Multiple Access	MC-	Multi-Carrier Code Division
DSRC	Dedicated Short-Range Communication	CDMA	Multiple Access
E		MMIC	Monolithic Microwave Integrate Circuit
ECC	Electronic Communications Committee	MoM	Method of Moments
EDG	Elliptically Defected Ground	O	
EIRP	Effective Isotropic Radiation Power	OLDGS	Open Loop Defected Ground Structure
ERP	Effective Radiated Power	OFDM	Orthogonal Frequency Division Multiplexing
F		Ofcom	Office of Communications
FRB	Fractional Band Width	P	
FCC	Federal Communications Commission	PCB	Printed Circuit Board
FDTD	Finite-Difference Time-Domain	PCS	Personal Communication System
FEM	Finite Element Method	PDA	Personal Digital Assistant
FR4	Flame Retardant 4	PEC	Perfect electric conductor
G		PSD	Power Spectral Density
GPS	Global Positioning System	PSCUM	Pentagonal Shaped Compact
GSM	Global System for Mobile Communications	A	Ultrawideband Monopole Antenna
H		S	
HDTV	High-Definition TeleVision	SMA	Sub Miniature version A
HFSS	High-Frequency Structure Simulator	SNR	Signal-to-Noise Ratio
HIPERLAN/2	High Performance Local Area Network	T	
I		TEM	Transverse Electro-Magnetic
IEEE	Institute of Electrical and Electronics Engineers	TM	Transverse Magnetic
IPFA	Inscribed Pentagonal Fractal Antenna	TG3	Task Group
ISM	Industrial Scientific and Medicine	U	
IR	Impulse Radio	UMTS	Universal Mobile Telecommunication Systems
ITU	International Telecommunication Union	USB	Universal Serial Bus
		UWB	Ultra Wideband
		V	
		VNA	Vector Network Analyzer
		VSWR	Voltage Standing Wave Ratio
		W	
		WCDMA	Wireless Code Division Multiple Access
		Wi-Bro	Wireless Broadband
		Wi-Fi	Wireless Fidelity
		Wi-	World interoperability for
		MAX	Microwave Access
		WLAN	Wireless Local Area Network
		WPAN	Wireless Personal Area Network