

FPIC	Federal Partnership for Interoperability Communications	ITSA	Institute for Telecommunication Sciences and Aeronomy
FSI	Fixed Station Interface	ITU	International Telecommunication Union
FTP	File Transfer Protocol	ITU-R	ITU — Radiocommunication Sector
FTTA	Federal Technology Transfer Act 1986	ITU-T	ITU — Telecommunication Standardization Sector
FY	Fiscal Year	IVQM	In-Service VQM
G			
GETS	Government Emergency Telecommunications Service	J	
GHz	gigahertz	JRG	Joint Rapporteur(s) Group
GIF	Graphics Interchange Format	K	
GIS	Geographic Information System	kHz	kilohertz
GLOBE	Global Land One-km Base Elevation	KMF	Key Management Facility
GMF	Government Master File	kW	kilowatt
GPS	Global Positioning System	L	
GSI	Global Standards Initiative	LAN	Local Area Network
GSM	Global System for Mobile	L-Band	1215-1400 MHz band
GUI	Graphical User Interface	LF	low frequency
H			
HA-NDGPS	High Accuracy NDGPS	LFMF	low frequency/medium frequency
HATS	head and torso simulator	LM/CT	Lockheed Martin/Coherent Technologies
HD	high definition	LMDS	Local Multipoint Distribution Service
HDTV	High Definition Television	LMR	Land Mobile Radio
HF	high frequency	LNA	low noise amplifier
HP	Hewlett-Packard Company	LOS	line of sight
I			
IAA	interagency agreement	M	
IACP	International Association of Chiefs of Police	MAC	media access control (layer)
IAFC	International Association of Fire Chiefs	Mbps	megabits per second
ICEPAC	Ionospheric Communications Enhanced Profile Analysis and Circuit Prediction Program	MESA	Mobility for Emergency and Safety Applications
IEEE	Institute of Electrical and Electronics Engineers	MF	medium frequency
IETF	Internet Engineering Task Force	MHz	megahertz
IF	intermediate frequency	MIMO	Multiple Input Multiple Output
IMS	IP Multimedia Subsystem	MMQA	Multimedia Quality Assessment
IMT	International Mobile Communications	MSC	message sequence chart
IP	Internet Protocol	MSTV	Association for Maximum Service Television
IPTV	Internet Protocol Television	MTOM	mobile-to-mobile
ISART	International Symposium on Advanced Radio Technologies	N	
ISO/IEC	International Organization for Standardization/International Electrotechnical Commission	NCS	National Communications System
ISSI	Inter-RF Subsystem Interface	NDGPS	Nationwide Differential Global Positioning System
ITM	Irregular Terrain Model	NE	Network Equipment
ITS	Institute for Telecommunication Sciences	NGN	Next Generation Network
		NIC	network interface card
		NIST	National Institute of Standards and Technology

NOAA	National Oceanic and Atmospheric Administration	PS-SoR	Public Safety Statement of Requirements
NPSTC	National Public Safety Telecommunications Council	PSTN	Public Switched Telephone Network
NS/EP	National Security and Emergency Preparedness	PSVL	Public Safety Video Laboratory
NTIA	National Telecommunications and Information Administration	PSVQ	Public Safety Video Quality
NWS	National Weather Service	PTT	Push-to-Talk
O		Q	
OA	outside/other agency	QoS	Quality of Service
OAM	Operation, Administration and Maintenance	QPSK	Quadrature Phase-Shift Keying
OCIO	Office of the Chief Information Officer	R	
OCTO	Office of the Chief Technology Officer (District of Columbia)	R&D	research and development
OIC	Office of Interoperability and Compatibility (of DHS)	RAID	redundant array of independent disks
OLES	Office of Law Enforcement Standards	RC	radio-controlled
OMB	Office of Management and Budget	RCG	Radar Correspondence Group
OQPSK	Offset Quadrature Phase-Shift Keying	RF	radio frequency
OSM	Office of Spectrum Management	RFSS	Radio Frequency Subsystem
OT	Office of Telecommunications	RLC	radio link core
OTAR	Over the Air Rekeying	RNSS	Radionavigation Satellite Service
OTP	Office of Telecommunications Policy	ROW-B	Radio Over Wireless Broadband
OV	Operational View	RPM	Radio Performance Measurements
P		RR-NR	Reduced Reference – No Reference
P25	Project 25	RSEC	Radar Spectrum Engineering Criteria
PBS	Public Broadcasting System	RSMS	Radio Spectrum Measurement Science
PC	personal computer	RSMS-4G	4th Generation RSMS
PCAP	packet capture	RTP	Real-time Transport Protocol
PCP-TDR	Telecommunications for Disaster Relief and Mitigation — Partnership Co-ordination Panel	S	
PCS	Personal Communications Services	S&E	salaries and expenses
PDA	personal digital assistant	SAFECOM	Public Safety Wireless Communications (DHS program)
PDD-63	Presidential Decision Directive No. 63 (on critical infrastructure protection)	SAR	Synthetic Airborne Radar
PDNR	Preliminary Draft New Recommendation	SCTE	Society of Cable Telecommunications Engineers
PESQ	Perceptual Evaluation of Speech Quality	SD	Standard Definition
PN	pseudo noise	SDMA	Space Division Multiple Access
PRQC	Network Performance, Reliability and Quality of Service Committee	SDO	Standards Development Organization
PS	public safety	SDoC	Supplier’s Declaration of Compliance
PSAF	Public Safety Architecture Framework	SDR	software defined radio
PSAL	Public Safety Audio Laboratory	SDTS	Spatial Data Transfer Standard
PSAWG	P25 Systems Architecture Working Group	SG	Study Group
		SIP	Session Initiation Protocol
		SIPRNET	Secret Internet Protocol Routable Network
		SMPTE	Society of Motion Picture and Television Engineers
		SNR	signal to noise ratio
		SoR	Statement of Requirements
		SSCQE	Single Stimulus Continuous Quality Evaluation with Hidden Reference Removal
		-HRR	

SSMD	Site Specific Model	V	
SU	Subscriber Unit	VHF	very high frequency
SV	Systems View	VLF	very low frequency
T		VoIP	Voice over Internet Protocol
TA Services	Telecommunications Analysis Services	VPN	Virtual Private Network
TG	Task Group	VQEG	Video Quality Experts Group
TIA	Telecommunications Industry Association	VQM	Video Quality Metric
TM	technical memorandum	VSA	vector signal analyzer
TMOC	Telecom Management and Operations Committee	VSG	vector signal generator
TR	Technical Report	VTG	Vocoder Task Group
TR-8	Personal and Private Land Mobile Radio (a TIA standards development committee)	W	
TSB	Telecommunications Systems Bulletin	WAS	Wireless Access System
TV	television Technical Standards View	WCC	Wireless Communications Committee
U		W-CDMA	Wideband CDMA
UAV	unmanned aerial vehicle	Wi-Fi	Wireless Fidelity
UHF	ultra high frequency	WiMax	Worldwide Interoperability for Microwave Access
UK	United Kingdom	WLAN	Wireless Local Area Network
U-NII	Unlicensed National Information Infrastructure	WLG-E	Working Level Group E
UNR	undesired signal power to receiver noise power ratio	WNRC	Wireless Networks Research Center
UNS	User Needs Subcommittee	WP	Working Party
URSI	International Union of Radio Science	WTSC / G3GRA	Wireless Technologies and Systems Committee / Radio Aspects of GSM/3G and Beyond
U.S.	United States	X	
USGS	U.S. Geological Survey	XML	Extensible Markup Language
UWB	ultrawideband	XOR	exclusive-or (logical operation)
		Y	
		YIG	yttrium-iron-garnet
