



Jonathan L. Kramer, Esq.

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2006 – Present	Principal Attorney, Kramer Telecom Law Firm, P.C. (Los Angeles, CA)
1999 – Present	Principal Consultant, Kramer.Firm, Inc. (Los Angeles, CA)
1987 – 1999	President, Communications Support Corp. (El Toro, CA; Los Angeles, CA)
1984 – 1987	Owner, Communicable Consultants (El Toro, CA)
1982 – 1984	Technical Manager; later Regional Technical Manager, Storer Communications (Southern California Region) (Laguna Niguel, CA)
1982 – 1982	Engineering Manager, Western Cable Services, Inc. (Ventura, CA)
1979 – 1982	System Engineer, Warner Cable of Malibu (Malibu, CA)
1978 – 1979	Self employed radio telecommunications engineer (Malibu, California)
1976 – 1978	Field Technician, Motorola Communications & Electronics Area F Project Management (California, Nevada, Arizona, New Mexico)
1971 – 1972	Rovafone of Los Angeles (Woodland Hills, CA)

Admitted as an Attorney by the State Bar of California (CA SBN 244074)

Admitted as an Attorney by the United States District Court, Central District of California

Attorney Member, Federal Communications Bar Association

Attorney Member, International Municipal Lawyers Association

Attorney Member, Los Angeles County Bar Association

Attorney Member, Beverly Hills Bar Association

Attorney Member, San Fernando Valley Bar Association

Attorney Member, Second Life Bar Association

Licensed by the Federal Communications Commission: General Radiotelephone Operator License, with Ship Radar and Broadcast endorsements; Previously licensed as a Second Class Radio Telephone Operator, Sept. 1975; First Class Radiotelephone Operator, Nov. 1977; General Radiotelephone Operator License, June 1987; Global Maritime Distress and Safety System Operator / Maintainer License, with Ship Radar Endorsement; Restricted Radiotelephone licensee; Amateur radio operator since November 1970 currently licensed as an Extra Class operator (W6JLK);

Licensed by the California Contractors State License Board for low voltage communications (Class C7). License No. 433113. Licensed since 1982.

Life member of the American Radio Relay League; ARRL book article author and review editor on cable television RF interference matters; Appointed Volunteer Counsel of the ARRL.

Former wireless technology advisor to and testifying expert before the FCC State & Local Government Advisory Committee

Co-author, co-editor of “A Local Government Official's Guide to Transmitting Antenna RF Emission Safety: Rules, Procedures, and Practical Guidance”, a wireless technology advisory to local governments based on

OET Bulletin 65 published by the FCC, Spring 2000 (see: <http://www.FCC.gov/oet/rfsafety>)

Former Chairperson, International Right of Way Association Wireless Committee

Former National Board of Directors member, National Association of Telecommunications Officers and Advisors (NATOA), an affiliate of the National League of Cities (Terms: 1997-2000, 1992-1994)

Former Co-chair of the Joint Task Force on Technical Standards Committee, appointed by NATOA, National League of Cities, and US Conference of Mayors to develop the national technical standards for cable television systems adopted by the FCC in February 1992

NATOA's only twice-honored Member of the Year (1997 and 1991)

Executive Committee Board Member, State Bar of California, Public Law Section (2008-2011).

President-Elect and current Board of Directors member, States of California and Nevada Chapter of NATOA (SCAN NATOA) (2006-2008); founding member of that Chapter. Chapter President: 2009-2010.

Former Co-chair of National Technical Standards committee appointed by NATOA, National League of Cities, and US Conference of Mayors to develop the national technical standardized testing manual to determine compliance with the FCC rules

Fellow Member of Society of Cable Telecommunication Engineers, United Kingdom society (FSCTE designation).

Senior Member of Society of Cable Telecommunications Engineers, United States society (SCTE-US). SCTE-US Senior Member since April 1993; member since 1981.

Certified as a Broadband Transport Specialist (BTS designation) by the SCTE-US.

Certified as a Broadband Distribution Specialist (BDS designation) by the SCTE-US.

Certified as a Broadband Premises Specialist (BPS designation) by the SCTE-US.

Member, SCTE's Loyal Order of the 704 (Membership restricted to recognized cable engineers with a minimum of 30 years in CATV engineering experience)

Co-Chair, SCTE's WG7 Committee developing standardized cable TV industry interpretations to the National Electrical Code

Member, Society of Broadcast Engineers (member since 2008)

Awarded recognition as a "Certified Broadcast Technologist" by the Society of Broadcast Engineers.

Awarded recognition as a "Public Safety Radio Technician" by the Association of Public-Safety Communications Officials – International, Inc. (APCO)

Elected Life Member, American Radio Relay League (member since 1971)

Witness before the FCC's State & Local Government Advisory Committee on OET 65, March 2000

Witness before the FCC in Cable TV re-regulation hearings, March 1990, representing NATOA, et al

Testifying expert witness in federal and state court cases regarding cable television technology, and federal and state court cases regarding wireless technology.

Technology speaker at every NATOA National Conference from 1988 to 2000, and 2002 to 2004;
Technology speaker at many regional and local NATOA and SCAN NATOA meetings

Communications technology speaker at Society of Cable Telecommunications Engineers conferences, and cable industry conferences

Published author of book and magazine articles on communications technology, plant safety, construction and administration

Cable system engineering and technical management experience six years before forming Kramer.Firm, Inc.;
Chief Technician, Technical Manager, Regional Engineer.

Former Field Engineering Representative for Motorola Communications and Electronics, Area F Program Management team — Areas of experience include microwave radio; baseband RF and audio; digital signaling; UHF and VHF two-way radio (including high stability Simulcast® radio operations); telephony; and command and control communications.

Juris Doctor Degree *cum laude*, Abraham Lincoln University School of Law, Los Angeles (2001).
Undergraduate education at CSUN, UCLA, LATTC, and WLAC; AS Degree in Radio Communications (with honors), Los Angeles Trade Technical College.

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The following is a partial list of the nearly 600 governments and agencies which have relied upon Mr. Kramer's broadband and/or radio-telecommunications advice as a telecommunications technology advisor/inspector since 1984, and as an attorney since 2006:

Selected Federal Agencies - National Associations - States

Federal Communications Commission	U.S. Navy, San Diego, CA
U.S. Department of Justice	United States Conference of Mayors
National Association of	National Association of Counties
Telecommunications Officers and Advisors	National League of Cities
Soc. of Cable Telecom. Engineers	State of Michigan PUC
United States Army, Ft. Irwin, CA	State of Connecticut DPUC
U.S. Marine Corps, Twentynine Palms, CA	Connecticut Siting Council
U.S. Marine Corps, San Diego, CA	League of California Cities
U.S. Navy; Monterey, CA	

Selected Local Governments and Government Associations

Addison, IL	Arcadia, CA	Bellbrook, OH
Aiken County, SC	Aurora, IL	Bellflower, CA
Albany, CA	Austin, Texas	Berkeley, CA
Albuquerque, NM	Avon, OH	Beverly Hills, CA
Alcoa, TN	Azusa, CA	Big Bear Lake, CA
Aliso Viejo, CA	Baldwin Park, CA	Big Cypress Resv., FL
Anaheim, CA	Barrington, IL	Birmingham, AL
Apache Jct., AZ	Bartlett, IL	Bloomington, IL

Blount County, TN
Bolingbrook, IL
Bozrah, CT
Branford, CT
Brentwood, CA
Brighton Resv., FL
Bronxville, NY
Buena Park, CA
Buffalo Grove, IL
Burr Ridge, IL
Butte County, CA
Calabasas, CA
Calimesa, CA
Canandaigua, NY
Canton, MN
Capitola, CA
Carol Stream, IL
Carson, CA
Cedar Lake, IN
Centerville, OH
Cerritos, CA
Chelan, WA
Cheshire, CT
Chester, CT
Chico, CA
Chino Hills, CA
Chino, CA
Chula Vista, CA
Clarendon Hills, IL
Cleveland Heights, OH
Clinton, CT
Colchester, CT
Colton, CA
Columbia Heights, MN
Commerce, CA
Concord, CA
Cornwall, CT
Corona, CA
Culver City, CA
Cypress, CA
Darien, CT
Darien, IL
Davis, CA
Decatur, AL
Deep River, CT
Deerfield Beach, FL
Denver, CO
Diamond Bar, CA
Downers Grove, IL
Duarte, CA
Dublin, CA
Dubuque, IA
DuPage County, IL

Durango, CO
Durham, CT
Dyer, IN
E. Haven, CT
Eagan, MN
East Granby, CT
East Windsor, CT
Eastchester, NY
Easton, CT
El Monte, CA
Elburn, IL
Elk Grove Village, IL
Elmhurst, IL
Encinitas, CA
Enfield, CT
Escondido, CA
Essex, CT
Fairfax, CA
Federal Way, WA
Flora, Illinois
Fort Wayne, IN
Franklin, CT
Franklin, KY
Fremont, CA
Fullerton, CA
Galena, IL
Garden Grove, CA
Gardena, CA
Germantown, OH
Glen Ellyn, IL
Glendale Heights, IL
Glendale, CA
Glenwood, IL
Goleta, CA
Goshen, CT
Granby, CT
Greenville, IL
Greenwich, CT
Griffith, IN
Guilford, CT
Haddam, CT
Half Moon Bay, CA
Hanover Park, IL
Hartland, CT
Hermosa Beach, CA
Hesperia, CA
Hidden Hills, CA
Highland Park, IL
Highland, CA
Highland, IN
Hillsborough, CA
Hinsdale, IL
Hobart, IL

Hoffman Estates, IL
Hollywood, FL
Homewood, AL
Homewood, IL
Huntington Beach, CA
Immokalee Resv., FL
Indian Wells, CA
Irvine, CA
Itasca, IL
Kettering, OH
Killingworth, CT
King Co., WA
La Canada Flintridge, CA
La Grange, IL
La Mesa, CA
La Puente, CA
La Quinta, CA
Lacy, WA
Laguna Beach, CA
Laguna Niguel, CA
Lake County, IL
Lake County, IN
Lake Station, IN
Lemont, IL
Lisbon, CT
Lisle, IL
Litchfield, CT
Live Oak, TX
Livermore, CA
Lombard, IL
Lompoc, CA
Lone Tree, CO
Longmont, CO
Long Beach, CA
Los Alamos, CA
Los Altos, CA
Los Angeles Co., CA
Los Angeles, CA
Louisville, CO
Loveland, CO
Lowell, IN
Lynchburg, VA
Madison, CT
Malibu, CA
Manhattan Beach, CA
Maryville, TN
Mentor, OH
Merced, CA
Meriden, CT
Merrillville, IN
Miamisburg, OH
Middlebury, CT
Milpitas, CA

Minooka, IL
Mission Viejo, CA
Modesto, CA
Monterey CO., CA
Moreno Valley, CA
Morris, CT
Mount Carmel, IL
Mount Orab, OH
Mount Prospect, IL
Mountain View, CA
Munster, IN
Naperville, IL
New Canaan, CT
New Martinsville, WV
New Orleans, LA
Newport Beach, CA
Newton Falls, OH
Niles, IL
No. Aurora, IL
No. Branford, CT
No. Haven, CT
Norfolk, VA
North Aurora, IL
Norwalk, CT
Norwich, CT
Oak Brook, IL
Oak Park, IL
Oakbrook Terrace, IL
Oakwood, OH
Ojai, CA
Old Saybrook, CT
Olean, New York
Olympia, WA
Opelika, AL
Orange CO., CA
Orange, CA
Oxnard, CA
Paducah, KY
Palm Springs, CA
Paris, IL
Park Forest, IL
Pasadena, CA
Peoria County, IL
Philadelphia, PA
Piqua, OH
Placentia, CA
Plymouth, CT
Plymouth, MI
Port Townsend, WA
Portland, OR
Poway, CA
Preston, CT

Prospect, CT
Redding, CT
Redondo Beach, CA
Rialto, CA
Richmond, CA
Riverside, CA
Rochester, MN
Rolling Hills Estates, CA
Rolling Meadows, IL
Roselle, IL
Roseville, MN
Salem, IL
San Antonio, TX
San Bernardino, CA
San Bernardino Co., CA
San Clemente, CA
San Diego County, CA
San Diego, CA
San Francisco, CA
San Juan Capistrano, CA
San Luis Obispo Co., CA
San Luis Obispo, CA
San Marcos, CA
San Rafael, CA
Santa Ana, CA
Santa Barbara Co., CA
Santa Clara, CA
Santa Clarita, CA
Santa Cruz Co., CA
Santa Cruz, CA
Santa Maria, CA
Santa Monica, CA
Schaumburg, IL
Schererville, IN
Seattle, WA
Simi Valley, CA
Sistersville, WV
Solon, OH
Somers, CT
Southington, CT
Spokane, WA
Sprague, CT
Springboro, OH
St. Charles, IL
St. John, IN
St. Louis, MO
Stafford, CT
Stamford, CT
Sterling Heights, MI
Suffield, CT
Sugar Grove, IL
Sunnyvale, CA

Sutter Co., CA
Temecula, CA
Thomaston, CT
Thousand Oaks, CA
Thurston County, WA
Tipp City, OH
Torrance, CA
Torrington, CT
Troy, OH
Tuckahoe, NY
Tucson, AZ
Tumwater, WA
Tustin, CA
Union, CT
Ventura County, CA
Victoria, TX
Villa Park, CA
Villa Park, IL
Virginia Beach, VA
Wallingford, CT
Walnut Creek, CA
Walnut, CA
Warren, CT
Warrenville, IL
Waterbury, CT
Waterford, MI
Watertown, CT
Wayne, IL
West Allis, WI
West Carrollton, OH
West Chicago, IL
West Covina, CA
West Frankfort, IL
West Hollywood, CA
West Milton, OH
West Palm Beach, FL
Westbrook, CT
Westmont, IL
Weston, CT
Westport, CT
Wheaton, IL
White Plains, NY
Willowbrook, IL
Wilmette, IL
Wilton, CT
Windsor Locks, CT
Winfield, IL
Wolcott, CT
Wood Dale, IL
Woodridge, IL
Yorba Linda, CA

**Litigation Where Jonathan Kramer Served as a
Testifying or Non-Testifying Expert, or as a Trial Consultant**

(Wireless Communications)

T-Mobile v. City of Albuquerque
T-Mobile v. City of Huntington Beach
NextG Networks v. City of Huntington Beach
Newpath Networks v. City of Irvine
Armstrong/McEachron v. Cazcom
MetroPCS v. City and County of San Francisco
Bay Area Cellular v. City and County of San Francisco
Sprint v. City of Palos Verdes Estates
Sprint v. City of La Canada Flintridge
AT&T Wireless v. City of San Diego
Sprint v. City of Palos Verdes Estates
Nextel v. City of San Diego
AT&T Wireless v. City of Carlsbad
Omnipoint v. Garden City, Michigan
GTE Mobilenet v. City and County of San Francisco
Illinois RSA 3 v. Peoria County

(Wired Communications)

Evergreen v. San Diego Gas & Electric, et al
Next G Networks v. City of Huntington Beach
Newpath Networks v. City of Irvine
Adelphia Cable v. City of Thousand Oaks
Malencon v. Cox Communications
Schaff Dev. Group v. S.E. Fla. Cable, Inc., dba Adelphia Cable
Qwest v. City of Berkeley
Playboy Enterprises v. United States
Jones Intercable v. City of Chula Vista
Sierra East Television v. Westar Cable
Booth American v. United States
D.B. Cable v. Kalma Busk

Selected Lectures - Universities, Colleges, School Districts

USC Annenberg School of Communications
University of Alabama
Pepperdine University
Orange Coast College
Rancho Santiago College
Centralia School District
Oxnard Union School District

Selected Lectures – Legal, Industry, and Professional Organizations

Speaking Engagement Name	Conference	Year
Major Issues in WiMAX Tower Leases and Zoning	Lorman Education Services	2009
Current Issues in Cell Tower Leasing	Lorman Education Services	2009
Top Tech Topics for a Law Practice	State Bar of California Annual Conference	2009
“I’m from the Government [Planning Department] and I’m here to help you”	Amateur Radio Club of El Cajon	2009
The National Electrical Code: Why comply?	SCTE Live Learning	2009
DTV Transition: Last Steps	SCTE Live Learning	2009
Telecom 101: What Every Practitioner Should Know	State Bar of California Section Education Institute	2009
Secret Life of PDA: Ethical Considerations	State Bar of California Section Education Institute	2009
Wireless Telecom Siting: Legal and Practical Considerations	"Tower Siting: Getting to Win/Win for Localities and for Carriers"	2008
Cable TV Law Update - Cable Television Unraveled	Pennsylvania Bar Institute	2008
Wireless Telecommunications Law Update: Current Issues in Cell Tower Regulation	Lorman Education Services	2008
"I'm From the Government (Planning Department) and I'm Here to Help You"	Palomar (California) ARC Meeting	2008
"Surfin' Telecommunication Choices: A New World, A New Direction"	SCAN NATOA Annual Conference	2008
FCC Regulations Regarding Cable TV	SCTE Show Me Chapter	2008
Mobile Security and Ethical Issues for Attorneys	State Bar of California Annual Conference	2008
"I'm From the Government (Planning Department) and I'm Here to Help You"	ARRL Southwest Division Conference	2007

Speaking Engagement Name	Conference	Year
AT&T Project Lightspeed	League of California Cities Policy Conference	2007
Right of Way Furniture	SCAN NATOA Annual Conference	2007
Wild Wired (and Wireless) West	State Bar of California Annual Conference	2007
Wireless telecommunications planning	APA National Conference	2006
Wireless and Wired Telecommunications Law Update	League of California Cities City Attorneys Section Conference	2006
Wireless Case Mock Hearing	PCIA Annual Conference	2006
PEG Programming	Alliance for Community Media	2005
Wireless Siting 101	Association of Environmental Professionals - Orange County Chapter	2005
A Sea Change in Wireless Siting	California APA Conference	2005
Cable TV and Wireless Regulation and Law Update	Florida Cable and Telecommunications Law Local Government Workshop	2005
Emerging and Competing Broadband Technology	NATOA National Conference	2005
"Future of Cable Television"	SCAN NATOA Annual Conference	2005
Wireless Siting Planning: A Government Perspective	APA - Regional Planning Conference	2004
Cable TV Regulation: Local, State, and Federal Regulation	City of Kent (WA) Cable TV Conference	2004
Telecommunications Law Update	City Attorneys Association of San Diego County	2004
Cable TV and Wireless Regulation and Law Update	Florida Cable and Telecommunications Law Local Government Workshop	2004
Telecommunications Safety Code Violations: A Field Guide for Attorneys	IMLA Annual Conference	2004

Speaking Engagement Name	Conference	Year
Keynote Lecture on Telecommunications Grounding	Thomas & Betts Power And Grounding Council Meeting	2004
Cable TV and Wireless Regulation and Law Update	Florida Cable and Telecommunications Law Local Government Workshop	2003
How to Get A Wireless Tower Siting Permit Application Denied!	IRWA Chapter 1 Conference	2003
Maximizing Wireless Resources	NATOA Annual Conference	2003
Right of Way Considerations for Local Governments	Law Seminars International - Early Stage Due Diligence Technology Considerations	2002
When Bad Things Happen to Good Cable Systems	Center for International Legal Studies International Info Tech, Media, and Telecom Law Conference	2002
New FCC Technical Standards	NCTA Education Conference	2002
Hiding Cell Phone Sites In Plain Sight Now you see 'um...now you don't	NATOA 2001 Annual Conference	2001
Wireless Siting: Policy Issues and Practical Solutions - A Municipal View	Law Seminars International - The Third Annual Conference on Local Telecommunications Infrastructure	2001
Cable TV Regulation	NATOA Annual Conference	2000
Cable TV Regulation	NATOA Annual Conference	1999
Cable TV Regulation	NATOA Annual Conference	1998
Cable TV Regulation	NATOA Annual Conference	1997
Cable TV Regulation	NATOA Annual Conference	1996
Cable TV Regulation	NATOA Annual Conference	1995
Cable TV Regulation	NATOA Annual Conference	1994
Cable TV Regulation	NATOA Annual Conference	1993
Cable TV Regulation	NATOA Annual Conference	1992

Speaking Engagement Name	Conference	Year
Cable TV Regulation	NATOA Annual Conference	1991
Cable TV Regulation	NATOA Annual Conference	1990
Cable TV Regulation	NATOA Annual Conference	1989

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(This document current as of November 1, 2009)