INDEX

Accepted Interference, 6-2	Biomedical Telemetry Device, K-1
Aeronautical Advisory Group, 1-8	Canada, 3-1, 3-6, 3-7, 3-9, 3-10, 3-11, 3-12, 3-
Aeronautical Advisory Group (AAG), 9-4, A-3	13, 3-14, 3-15, 3-16, 3-17, 3-18, 3-19, 3-20,
AERONAUTICAL ADVISORY GROUP	3-21, 3-23, 4-249, 4-250, 4-272, 7-8, 7-9, 9-1,
(AAG), 9-74	9-7, 9-16, 9-23, 9-42, 9-65 , 9-69, 9-70, 9-72,
Aeronautical Assignment Group, 4-254	9-74, 9-78, 9-79, 12-4, A-9, N-1
Aeronautical Mobile-Satellite Service, 6-2	CARD FORMAT, 9-71
aeronautical radionavigation, 1-8	Carrier Current System, K-1
Aeronautical Radionavigation, 3-9, 3-27, 3-36,	Center frequency, K-26
3-37, 3-38, 4-253, 5-4	CFR 47, K-2
Aeronautical Radionavigation Service, 6-3	Channeling Plan, 4-259, 4-261, 4-263, 4-273, 4-
aeronautical stations, 8-12, 8-13, 10-1	275, 4-276
Aeronautical Stations, 5-3	Circuit Remarks, 4-263, 4-265
Aerospace and Flight Test Radio Coordinating	Citizens Radio, 4-248
Council, A-1, A-2, A-3	Class A Digital Device, K-1
Aerospace and Flight Test Radio Coordinating	Class B Digital Device, K-1
Council Coordinator, D-5	COMMON ABBREVIATIONS, G-28
AFTRCC, 8-59, 8-60	Common-Use Frequencies, 4-249, 4-250
Agenda, 4-261	Commonwealth of Northern Mariana Islands, G-
agreements, L-1	11
Algorithm, B-4	Communications Act of 1934, 2-2
Amateur Bands, 7-13	Communications Act of 1962, E-1
amplitude compandored single sideband, 2-7	Compacts of Free Association, L-1
ANSI C63.17-1998, K-18	comparable capability, O-1, O-3, O-11, O-13,
Antenna Elevation Angle, B-4	O-14, O-15, O-18, O-19
Antenna Standards, 5-10, 5-14, A-5	Competent Authority, L-1
Army Frequency Coordination Areas, G-17	Conference Preparatory Meetings, 1-11
Arrangement B, 3-7, 3-8, 3-9, 3-10	CONVERSION FORMULAS, K-32
Arrangement C, 3-8, 3-9, 3-10, 3-11	Coordination, 4-252, 4-280, 4-282
ARRANGEMENT D, 3-12, 3-13	Coordination Contour, 9-3
Assistant Secretary and the NTIA, 1-1	Coordination Notes, A-1
ASSISTANT SECRETARY FOR	Coordination with, 4-252, 4-280
COMMUNICATIONS AND	coordination zone, 3-11
INFORMATION, 1-1	Coordination Zone, 9-23
Assistant Secretary of Commerce for	Cordless Telephone System, K-1
Communications and Information, 2-2	Corps of Engineers, G-21
Auction, O-2, O-3, O-11, O-18	CSEA, O-19
Auditory Assistance Device, K-1	CTCSS, 4-280, 4-281
Authorized Bandwidth, 6-4	data plot, 9-3
Automated Data Capture System, 9-76	deep space, 7-3, 9-24, 9-30
automatic vehicle identification systems (AVIS),	Deep Space , 6-4 , A-11, B-4
K-18	Department of Commerce Organization Order,
Average Symbol Envelope Power, K-18	1-1
bandwidth, 4-251, 4-252, 4-253, 4-260, 4-261,	Department of State, 3-1, 3-14, 3-23, 3-25, 3-44,
4-262, 4-264, 4-265, 4-273, 4-275, 4-285, 4-	3-48, 3-53, 3-54, 3-55, 3-56, A-8, L-1
295	Department to the Interior, A-6
Bio-Medical Telemetry, 4-271	digital modulation, J-12

Digital Modulation, K-18, M-2 Federated States of Micronesia (FSM), L-1 Direct Sequence Systems, K-2 FEMA Regions, G-26 Docket Number, 9-76 Field disturbance sensors, K-24 double sideband, J-2 field level coordination, 8-59 Earth Stations, 5-5, 5-6, 7-1, B-4 Field Level Coordination, D-4 Effective Antenna Height, 3-17, 3-18 fixed, 4-249, 4-250, 4-252, 4-253, 4-271, 4-272, effective radiated power, 3-29, 3-45, 3-49 4-273, 4-275, 4-283, 4-284, 4-285, 4-290, 4-Effective Radiated Power, 4-271, 4-275 293, 4-294 EIRP, 3-35, 3-51, 3-52, 3-55, 3-56, B-4, B-5, B-Fixed Security Surveillance Systems, 4-249 6, K-17, K-20, **K-26**, K-27, K-28, K-29, K-Fixed Service, 4-273, 4-275, **6-6**, B-1, M-2 30, K-32, K-33 Fixed Services, 5-11 EIRP Limitations, B-4 Fixed Station, 5-5, 6-6 Electronic Warfare/Electronic Counter-FM, 4-280, 4-281, 5-4, 5-5 Measures, 10-3 Footnotes, 4-147 EMC ANALYSIS, 10-6 Fractional bandwidth, 9-18, K-26 EMC testing, 10-5, 10-10 Freedom of Information Act (FOIA), 9-68, 11-2 **EMERGENCY COMMUNICATIONS, 12-1** Freely Associated States, L-1, L-2 Emergency Readiness Plan, 1-12 Frequency Assignment Application, 9-4 emission, 10-2, 10-9, 10-10, 10-11, 10-12, 10-Frequency Assignment Branch, 4-293 15, 10-16 Frequency Assignment Lists, 7-16 Emission Bandwidth, K-18 Frequency Assignment Review Procedure, F-1 **Emission Designator**, 9-17 Frequency Assignment Subcommittee, 1-7, 4-EMISSION DESIGNATORS, 6-29 251, 4-280, 4-290 Emission Limits, K-3 frequency assignments, 10-3, 10-4, 10-5, 10-7, emission mask, J-10 10-13 Emission Notes, A-3 frequency authorization, 9-2, 9-53, 9-54 EMISSIONS, 5-2 Frequency Diversity, 9-70 EPIRB, 5-3, 12-3 Frequency Hopping, 5-34 ERP, 4-249, 4-250, 4-271 Frequency Hopping Systems, K-2 Executive Order 12569, L-1 FX, 4-271 Executive Secretary, 1-6, 1-7, 1-13, 1-15 GEOGRAPHICAL ABBREVIATIONS, G-11 EXPERIMENTAL STATIONS, 6-29, 7-6 GMF, 4-280 **Expiration Date, 9-68** Government Master File, 2-7, 3-59, 4-280, 4-FAS, 3-59, 4-251, 4-254, 4-260, 4-261, 4-263, 290, 7-1, 7-3, 7-4, 8-3, 8-5, 8-40, **9-68**, 9-73, 4-264, 4-265, 4-276, 4-280 A-6, A-8, A-12 FAS AGENDA, 9-4, 9-76 Ground penetrating radar (GPR) system, K-FAS Secretary, 4-263, 4-265, 9-3, 9-4, 9-5, 9-46, 26 9-54 Group, 4-280 FAS Votes, 9-76 Group Assignment, 9-7 FCC 47 CFR, M-1 GSA Regions, G-18, G-27 FCC CFR 47 PART 15, K-33 Hand held, K-26 FCC FIELD OPERATIONS BUREAU, 7-16 harmful interference, 9-3, 9-6, 9-13, 9-42, **9-65**, FCC Licensing Requirements, 2-7 9-72, 9-78 Federal Aviation Administration, 1-5, 1-8, 1-10, High Frequency Imaging Systems, K-28 1-12, 1-13 Hop Set, K-2 Federal Communications Commission, 1-2, 1-3, Hydrologic and Meteorological Operations, 4-1-6, **1-8**, 1-13, 2-2, 2-3, 3-1, 3-6, 3-13, 3-28, 3-29, 3-30, 3-35, 3-37, 3-41, 3-42, 3-55, 3-60 Hydrologic Channels, 4-251 Federal Register, 11-3 hydrologic operations, 4-251, 4-252 Federated States of Micronesia, 8-40 Hydrology Subcommittee, 4-251, 4-252 FEDERATED STATES OF MICRONESIA, G-

X-2

ICAO, 4-253 Joint Tactical Information Distribution Imaging system, K-26 System/Multifunctional Information Incident Response Operations, 4-280 Distribution System, 4-282 Incidental Radiators, K-2 Joint Telecommunication Board" (JTB), L-1 Indoor UWB Systems, K-28 JTB, L-1, L-2 INMARSAT, 3-23, A-11, E-1, E-2 JTIDS TDMA, 4-282 Intentional Radiator, K-2 JTIDS/MIDS, 4-282, 4-283, 9-60 INTENTIONAL RADIATORS, K-6 JTIDS/MIDS TDMA, 4-282, 4-283 JTIDS/MIDS TDMA Waveform, 4-282, 4-283 Interagency Law Enforcement, 4-280 Interdepartment Radio Advisory Committee, 4-Kwajalein Atoll, L-2 280 Land Earth Station Operator (LESO), E-1 INTERDEPARTMENT RADIO ADVISORY LAW ENFORCEMENT PLANS, 4-280 Limitation Notes, A-4 COMMITTEE, 1-5 interference, 3-5, 3-6, 3-9, 3-10, 3-11, 3-12, 3-14, Local-Area, 4-250 Low Frequency Imaging Systems, K-26 3-15, 3-17, 3-22, 3-23, 3-29, 3-30, 3-35, 3-37, 3-38, 3-41, 3-45, 3-48, 3-49, 3-50, 3-54, 3-56, Major Modification, 10-2 3-59, 3-60, 3-61, 3-62, 3-63, 7-2, 7-3, 7-4, 7-Major System or Subsystem, 10-2 5, 7-6, 7-8, 7-9, 7-11, 7-12, 7-13, 7-14, 7-15, major terrestrial system, 10-3 7-16, 7-17, 7-18, 7-19, 7-20, 8-2, 8-3, 8-5, 8-Maritime Mobile, 4-249, 4-250, 4-275, 5-3 6, 8-8, 8-11, 8-13, 8-21, 8-22, 8-24, 8-27, 8-Maritime Mobile Service, 4-249, 4-250, 4-275, 28, 8-29, 8-30, 8-33, 8-35, 8-38, 8-39, 8-40, 6-8 8-42, 8-43, 8-57, 8-58, 8-59, 8-60, 8-61, 8-62, Maritime Mobile-Satellite Service, 6-8 8-63, 8-64, 8-65, 8-66, 8-67, 8-68, 8-69, 8-70, Maritime Mobile-Satellite Space Station, 6-8 8-71, 10-1, 10-4, 10-6, 10-8, 10-9, 10-14, 10-MARITIME SERVICE IDENTITIES, 6-31 15, 12-1, 12-5, 12-6, I-1, I-2, I-14 Mars Regions, G-27 Interference Resolution, 3-59 Master List of Aeronautical Stations, 3-38 International, 4-147, 4-261 Measurement Methods, M-1 **INTERNATIONAL AGREEMENTS, 3-23** measurement procedures, M-1 International Civil Aviation Organization, 2-3 Medical imaging system, K-26 International Civil Aviation Organization Medical Radiocommunication, 4-271 (ICAO), E-2 meteorological aids, 9-2 International Footnotes, 4-147 Meteorological Aids Service, 6-9 International Special Committee on Radio Mexican, 3-24, 3-25, 3-28, 3-29, 3-30, 3-34, 3-Interference (CISPR), K-3 35, 3-36, 3-37, 3-38, 3-39, 3-40, 3-41, 3-42, International Telecommunication Convention, 3-3-44, 3-45, 3-47, 3-48, 3-49, 3-54, 3-55, 3-56, 3-59, 3-60, 3-63, 9-16, **9-65**, 9-76, 9-78 Mexico, N-1 **International Telecommunication Regulation**, Mid-Frequency Imaging Systems, K-27 2-3 Military Advisory Group, 1-8 International Telecommunication Union, 1-11, **2-3**, 4-261 MILITARY ADVISORY GROUP (MAG), 9-74 Ionosphere Sounders, 2-6, 8-10 Military Assignment Group (MAG), 9-4 IRAC, 1-3, 1-4, 1-5, 1-6, 1-7, **1-8**, 1-9, **1-10**, 1military test ranges, 5-15, 7-14 Minute Notes, 9-78, A-5 11, **1-12**, **1-13**, **1-14**, **1-15**, 3-59, 4-280, 4-282 IRAC Document 28874, 3-23 Mobile, 4-249, 4-253, 4-262, 4-264, 4-271, 4-IRAC Document 3867/2, 8-39 272, 4-276, 4-281, 5-3, 5-4, 5-5 Narrowband Hydrologic Operations, 4-252

IRAC Documents 18380 and 25934, 8-17 ITU Radio Regulation, 2-6, 3-4, 4-275, B-5 ITU-R IS.847, IS.848, and IS.849, 8-43 ITU-R M.1173, 8-16

ITU-R Report 393 (1990), B-1

ITU-R SF.765, 8-22

National Radio Quiet Zone, 8-39, 8-41, 9-1, A-

National Defense Authorization Act, 2-7, 2-8, 2-

Narrowband Operations, 4-259, 4-261, 4-263

National Airspace System, 4-253, 4-254

2, A-9 Radiocommunication Advisory Group, 1-11 NBFM, 2-7 Radiocommunication Bureau, 1-12, 3-4 necessary bandwidth, 5-1, 5-2, 5-7, 5-10, 5-11, 5-Radiocommunication Bureau (BR) Circular 16, 5-17, 5-19, 5-20, 5-21, 5-49, 5-50 Letters, 10-5 Necessary bandwidth, 9-18 Radiocommunication Conference, 1-11 Necessary Bandwidth, 6-9 Radiocommunication Sector, 3-3 New, 4-252 Radiolocation Plan, 4-250 NOAA, 4-261, 4-262 Receiver Antenna, 9-48 Non License Devices, 10-3 relocation, O-1, O-2, O-3, O-4, O-6, O-7, O-8, O-9, O-11, O-12, O-13, O-14, O-15, O-16, NTIA, 2-7, 3-45, 4-250, 4-261, 4-263, 4-264, 4-275, 4-280, 4-282, 4-285, 4-293, 4-294 O-18, O-19, O-21, O-23 Occupied Bandwidth, 5-1 remapping, 4-282 Office of Science and Technology, 1-3 Renewal, 4-263 Office of Spectrum Management, 1-4 Republic of Palau, 8-40 Officers, 1-7 Republic of Palau (ROP), L-1 OMB Circular A-11, 10-1 Republic of the Marshall Islands, 8-40, L-1 OR, 4-289 Republic of the Marshall Islands (RMI), L-1 Organization, 4-261 resolution bandwidth, M-1, M-2, M-3 output power, 4-249, 4-250, 4-251, 4-272, 4-273 restricted bands, K-7, K-9, K-15, K-16 P076, 4-264, 4-265 RSEC, 5-26 **Passive Sensor**, **6-10**, 9-24 RSEC B, M-4 Peak Envelope Power, 6-10 RSEC C, M-4 peak frequency deviation, J-2, J-3 RSEC Criteria, 5-36 Peak Power Spectral Density, K-18 RSEC Criteria A, 5-36 Peak Transmit Power, K-18 RSEC Criteria B, 5-39 Perimeter Protection System, K-2 RSEC Criteria C, 5-40 Plenipotentiary Conference, 1-11, 3-2 RSEC Criteria D, 5-43 point-to-multipoint, 4-275, 5-11 RSEC D, M-4 Point-to-Multipoint, 4-275, 4-276, 5-5 RSEC E, M-4 point-to-point, 5-11 RSEC-A, M-4 Point-to-point, 4-275 SAFETY OF LIFE, 12-2 Power, 4-248, 4-293, 5-24 Safety Service, 2-6 power flux density (PFD), B-6 Secondary, 4-254 Secretariat, 1-13 Powerline Carriers (PLC), K-9 Security Clearances, 1-14 Priority Notes, A-5 Private Contractors, 9-2 short-distance low-power radio communications, propagation loss, I-1, I-13, I-14 4-248 Public Safety, 2-1, 4-279 Simplex, 4-281 Pulse, 4-254 Sounder Station, 9-70 pulse repetition rate, 5-26, 5-36, 5-37, 5-45 Space Research Service, 6-14 Pulse Repetition Rate, 9-44 Space Research Space Station, 6-14 Radar, 5-5 space station, B-6, B-7 Space Stations, 8-22 Radar Spectrum Engineering Criteria, M-4 Radiated Emission Limits, K-10 space systems, 10-4, 10-5, 10-7, 10-10 Radio Astronomy, 6-11 Space Systems Subcommittee, 1-12 Radio Astronomy Service, 6-11 Special Notes, A-6 Spectrum Certification, 4-282 Radio Astronomy Station, 6-11 Spectrum Pipeline Plan, O-20 Radio Conference Subcommittee, 1-11 **Spectrum Planning Subcommittee**, 1-9 Radio Regulations Board, 1-11, 3-2 radio signaling, 4-248 Spectrum Relocation Fund, O-1, O-2 Radiobeacon, 12-3 Spread Spectrum, 6-14

spurious emissions, 5-29, 5-30, 5-31

Spurious Emissions, 2-5

SRF, O-1, **O-4**, **O-6**, **O-10**, **O-11**, **O-12**, **O-14**, **O-16**, **O-17**, **O-18**, **O-19**, O-20

SSB, 5-3, 5-4

Stage 1, Conceptual, 10-4

Stage 2, Experimental, 10-4

Stage 3, Developmental, 10-4

Stage 4, Operational, 10-4

Station, 4-249, 4-250, 4-252, 4-253, 4-271

station class, 4-271, 10-3

Station Class, 9-17

Structure of the Union, 3-2

SUBMISSION OF INFORMATION TO THE ITU, 3-4

Susceptibility to Interference, K-3

system review, 10-2, 10-5, 10-6, 10-7, 10-8, 10-10, 10-12

Table of Frequency Allocations, 2-6, 2-7, 4-3, 4-249, 4-253

TACAN, 4-253, 4-254

TACAN-DME, 4-253, 4-254

TACTICAL AND TRAINING, 7-9

Technical Panel, O-1, O-3, O-4, O-6, O-8, O-9,

O-12, **O-13**, **O-14**, O-20, O-21, O-22, O-23

Technical Subcommittee, 1-10

Telecommunication Development and Regulation, 2-3

Telecommunication Subsystem, 10-2

Telecommunication System, 10-1

Telemetering Plans, 4-252

Telemetry, 4-253

Temporary Assignment, 9-6

The Emergency Planning Subcommittee, 1-12

Through-wall imaging system, K-26

Time Division Multiple Access, 4-262, 4-264, 4-282

TIS, 5-3

transition plan, O-2, O-3, O-4, O-6, O-7, O-8, O-9, O-10, O-11, O-12, O-13, O-14, O-15, O-16, O-17, O-18, O-19, O-22, O-23

Transmitter Antenna, 9-48

Transmitter Standards, 5-10

Trunked Land-Mobile Radio, 8-32

Trust Territory of the Pacific Islands, L-1

Types of Analysis, 10-7

ULTRAWIDEBAND, K-26

Ultrawideband system, K-2

Undesirable Emission Limits, K-20

U-NII devices, K-19

Unintentional Radiator, K-2

Unlicensed National Information Infrastructure Devices, K-18

Voting Procedures, 9-78

waiver, 5-18, 5-22, 5-29

Wall imaging system, K-26

Wideband Operations, 4-260, 4-261, 4-263

Wireless Microphones, 4-251

Last Page in the Index