

Index of ITU-R Recommendations on CD-ROM

March 2001 - English edition

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Series BO - *Broadcasting-satellite service (sound and television)*

Rec filename	Size	Date	Recommendation title
0600-1-E.ZIP	11kb	7/1/86	BO.600-1 - Standardized set of test conditions and measurement procedures for the subjective and objective determination of protection ratios for television in the terrestrial broadcasting and the broadcasting-satellite services
0650-2-E.ZIP	77kb	3/8/92	BO.650-2 - Standards for conventional television systems for satellite broadcasting in the channels defined by Appendix 30 of the Radio Regulations
0651-E.ZIP	39kb	7/1/86	BO.651 - Digital PCM coding for the emission of high-quality sound signals in satellite broadcasting (15 kHz nominal bandwidth)
0652-1-E.ZIP	444kb	3/8/92	BO.652-1 - Reference patterns for earth-station and satellite antennas for the broadcasting-satellite service in the 12 GHz band and for the associated feeder links in the 14 GHz and 17 GHz bands
0712-1-E.ZIP	754kb	3/8/92	BO.712-1 - High-quality sound/data standards for the broadcasting-satellite service in the 12 GHz band
0786-E.ZIP	164kb	3/8/92	BO.786 - MUSEsystem for HDTV broadcasting-satellite services
0787-E.ZIP	89kb	3/8/92	BO.787 - MAC/packet based system for HDTV broadcasting-satellite services
0788-1-E.ZIP	17kb	11/16/93	BO.788-1 - Coding rate for virtually transparent studio quality HDTV emissions in the broadcasting-satellite service
0789-2-E.ZIP	8kb	10/20/95	BO.789-2 - Service for digital sound broadcasting to vehicular, portable and fixed receivers for broadcasting-satellite service (sound) in the frequency range 1 400-2 700 MHz
0790-E.ZIP	10kb	3/8/92	BO.790 - Characteristics of receiving equipment and calculation of receiver figure-of-merit (G/T) for the broadcasting-satellite service
0791-E.ZIP	148kb	3/8/92	BO.791 - Choice of polarization for the broadcasting-satellite service
0792-E.ZIP	42kb	3/8/92	BO.792 - Interference protection ratios for the broadcasting-satellite service (television) in the 12 GHz band
0793-E.ZIP	99kb	3/8/92	BO.793 - Partitioning of noise between feeder links for the broadcasting-satellite service (BSS) and BSS down links
0794-E.ZIP	254kb	3/8/92	BO.794 - Techniques for minimizing the impact on the overall BSS system performance due to rain along the feeder-link

			path
0795-E.ZIP	78kb	3/8/92	BO.795 - Techniques for alleviating mutual interference between feeder links to the BSS
1211-E.ZIP	81kb	10/20/95	BO.1211 - Digital multi-programme emission systems for television, sound and data services for satellites operating in the 11/12 GHz frequency range
1212-E.ZIP	73kb	10/20/95	BO.1212 - Calculation of total interference between geostationary-satellite networks in the broadcasting-satellite service
1213-E.ZIP	20kb	10/20/95	BO.1213 - Reference receiving earth station antenna patterns for replanning purposes to be used in the revision of the WARC-77 BSS plans for Regions 1 and 3
1293-1-E.ZIP	68kb	3/6/00	BO.1293-1 - Protection masks and associated calculation methods for interference into broadcast-satellite systems involving digital emissions
1294-E.ZIP	372kb	10/24/97	BO.1294 - Common functional requirements for the reception of digital multiprogramme television emissions by satellites operating in the 11/12 GHz frequency range
1295-E.ZIP	19kb	10/24/97	BO.1295 - Reference transmit Earth station antenna off-axis e.i.r.p. patterns for planning purposes to be used in the revision of the Appendix 30A (Orb-88) Plans of the Radio Regulations at 14 GHz and 17 GHz in Regions 1 and 3
1296-E.ZIP	16kb	10/24/97	BO.1296 - Reference receive space station antenna patterns for planning purposes to be used for elliptical beams in the revision of the Appendix 30A (Orb-88) Plans of the Radio Regulations at 14 GHz and 17 GHz in Regions 1 and 3
1297-E.ZIP	6kb	10/24/97	BO.1297 - Protection ratios to be used for planning purposes in the revision of the Appendices 30 (Orb-85) and 30A (Orb-88) Plans of the Radio Regulations in Regions 1 and 3
1373-E.ZIP	7kb	11/30/98	BO.1373 - Use of BSS assignments for FSS transmissions
1383-E.ZIP	9kb	12/14/98	BO.1383 - Introduction of the broadcasting-satellite service (sound) in the same frequency bands as used by mobile aeronautical telemetry systems in the frequency range 1-3 GHz
1408-E.ZIP	311kb	10/7/99	BO.1408 - Transmission system for advanced multimedia services provided by integrated services digital broadcasting in a broadcasting-satellite channel
1443-E.ZIP	92kb	3/6/00	BO.1443 - Reference BSS earth station antenna patterns for use in interference assessment involving non-GSO satellites in frequency bands covered by RR Appendix S30
1444-E.ZIP	64kb	3/6/00	BO.1444 - Protection of the broadcasting-satellite service in the 12 GHz band and associated feeder links in the 17 GHz band from interference caused by non-geostationary fixed-satellite service systems
1445-E.ZIP	34kb	3/6/00	BO.1445 - Improved patterns for fast roll-off satellite transmit antennas of the Regions 1 and 3 BSS plans of RR Appendix S30
1503-E.ZIP	10kb	5/5/00	BO.1503 - Functional description to be used in developing software tools for determining conformity of non-GSO FSS networks with limits contained in Article S22 of the Radio Regulation (Resolutions ITU-R 130, 538 (CMR-97))

1504-E.ZIP	58kb	7/14/00	BO.1504 - Effective utilization of spectrum assigned to the broadcasting-satellite service (sound)
1505-E.ZIP	16kb	7/14/00	BO.1505 - Coordination procedure for assignments of space operation service in the guardbands of Appendices S30 and S30A Plans of the Radio Regulations

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Series BR - *Sound and television recording*

Rec filename	Size	Date	Recommendation title
0265-8-E.ZIP	45kb	10/24/97	BR.265-8 - Standards for the international exchange of programmes on film for television use
0407-4-E.ZIP	5kb	6/1/90	BR.407-4 - International exchange of sound programmes recorded in analogue form
0408-6-E.ZIP	27kb	3/8/92	BR.408-6 - Standards of sound recording on magnetic tape for the international exchange of programmes
0469-6-E.ZIP	53kb	3/8/92	BR.469-6 - Analogue composite television tape recording. Standards for the international exchange of television programmes on magnetic tape
0602-4-E.ZIP	7kb	3/6/00	BR.602-4 - Exchange of television recordings for programme evaluation
0648-E.ZIP	5kb	7/1/86	BR.648 - Digital recording of audio signals
0649-1-E.ZIP	5kb	3/8/92	BR.649-1 - Measuring methods for analogue audio tape recordings
0657-2-E.ZIP	88kb	3/8/92	BR.657-2 - Digital television tape recording. Standards for the international exchange of television programmes on magnetic tape
0714-1-E.ZIP	6kb	11/16/93	BR.714-1 - International exchange of programmes electronically produced by means of high-definition television
0715-E.ZIP	52kb	6/1/90	BR.715 - International exchange of ENG recordings
0777-2-E.ZIP	8kb	10/20/95	BR.777-2 - International exchange of digital audio recordings
0778-1-E.ZIP	9kb	11/16/93	BR.778-1 - Analogue component television tape recording. Standards for the international exchange of television programmes on magnetic tapes
0779-1-E.ZIP	10kb	10/24/97	BR.779-1 - Operating practices for digital television recording
0780-E.ZIP	6kb	3/8/92	BR.780 - Time and control code standards for the international exchange of television programmes on magnetic tapes
0785-E.ZIP	7kb	3/8/92	BR.785 - The release of programmes in a multimedia environment
			BR.1214 - Studio recording of sound-broadcasting programmes

1214-E.ZIP	5kb	10/20/95	on magnetic tape for release on multi-programme digital channels
1215-E.ZIP	9kb	10/20/95	BR.1215 - Handling and storage of television and sound recordings on magnetic tape
1216-E.ZIP	5kb	10/20/95	BR.1216 - Recording of television programmes on magnetic tape in the case when several programmes are broadcast in the same digital multiplex
1218-E.ZIP	5kb	10/20/95	BR.1218 - Recording of teletext on future digital recorder for consumer use
1219-E.ZIP	11kb	10/20/95	BR.1219 - Handling and storage of cinematographic film recording
1220-E.ZIP	9kb	10/20/95	BR.1220 - Requirements for the generation, recording and presentation of HDTV programmes intended for release in the "electronic cinema"
1287-E.ZIP	7kb	10/24/97	BR.1287 - Broadcasting of programmes on film with multichannel sound
1290-E.ZIP	6kb	10/24/97	BR.1290 - Use of television disk recording in broadcasters' operations
1292-E.ZIP	7kb	10/24/97	BR.1292 - Engineering guidelines for television post-production
1351-E.ZIP	14kb	2/10/98	BR.1351 - Requirements for the application of digital technology to audio archiving systems for radio broadcasting
1352-E.ZIP	41kb	2/10/98	BR.1352 - File format for the exchange of audio programme materials on information technology media
1353-E.ZIP	10kb	2/10/98	BR.1353 - Recording of data in the user bits of the longitudinal time code
1355-1-E.ZIP	10kb	3/6/00	BR.1355-1 - Viewing conditions for telecine transfer of film images on a television display
1356-E.ZIP	36kb	2/10/98	BR.1356 - User requirements for application of compression in television production
1357-E.ZIP	102kb	2/10/98	BR.1357 - Use of wrappers and metadata in television production
1374-E.ZIP	35kb	11/30/98	BR.1374 - Scanned area dimensions from 16 mm and 35 mm cinematographic film used in television
1375-E.ZIP	36kb	11/20/98	BR.1375 - High-definition television (HDTV) recording
1376-E.ZIP	35kb	11/30/98	BR.1376 - Compression families to be used in networked television production
1384-E.ZIP	14kb	12/14/98	BR.1384 - Parameters for international exchange of multi-channel sound recordings
1385-E.ZIP	9kb	12/14/98	BR.1385 - Exchange of sound programmes on recordable compact discs (CD-R)
1422-E.ZIP	7kb	12/21/99	BR.1422 - Operational practices for television use of film soundtracks encoded with noise reduction and matrix surround
1440-E.ZIP	17kb	3/6/00	BR.1440 - 16:9 video images transferred to 35 mm film for optical projection

1441-E.ZIP	33kb	3/6/00	BR.1441 - Compromise scanned area dimensions for television from 35 mm wide-screen films
1442-E.ZIP	20kb	3/6/00	BR.1442 - User's requirements for digital HDTV tape cassette recorders

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Series BS - *Broadcasting service (sound)*

Rec filename	Size	Date	Recommendation title
0048-2-E.ZIP	5kb	7/1/86	BS.48-2 - Choice of frequency for sound-broadcasting in the Tropical Zone
0080-3-E.ZIP	307kb	6/1/90	BS.80-3 - Transmitting antennas in HF broadcasting
0139-3-E.ZIP	8kb	6/1/90	BS.139-3 - Transmitting antennas for sound broadcasting in the Tropical Zone
0215-2-E.ZIP	6kb	7/1/82	BS.215-2 - Maximum transmitter powers for broadcasting in the Tropical Zone
0216-2-E.ZIP	5kb	7/1/82	BS.216-2 - Protection ratio for sound broadcasting in the Tropical Zone
0411-4-E.ZIP	6kb	6/1/90	BS.411-4 - Fading allowances in HF broadcasting
0412-9-E.ZIP	137kb	12/14/98	BS.412-9 - Planning standards for terrestrial FM sound broadcasting at VHF
0415-2-E.ZIP	8kb	7/1/86	BS.415-2 - Minimum performance specifications for low-cost sound-broadcasting receivers
0450-2-E.ZIP	33kb	10/20/95	BS.450-2 - Transmission standards for FM sound broadcasting at VHF
0467-E.ZIP	5kb	7/1/70	BS.467 - Technical characteristics to be checked for frequency-modulation stereophonic broadcasting. Pilot-tone system
0468-4-E.ZIP	169kb	7/1/86	BS.468-4 - Measurement of audio-frequency noise voltage level in sound broadcasting
0498-2-E.ZIP	374kb	6/1/90	BS.498-2 - Ionospheric cross-modulation in the LF and MF broadcasting bands
0559-2-E.ZIP	349kb	6/1/90	BS.559-2 - Objective measurement of radio-frequency protection ratios in LF, MF and HF broadcasting
0560-4-E.ZIP	79kb	10/24/97	BS.560-4 - Radio-frequency protection ratios in LF, MF, and HF broadcasting
0561-2-E.ZIP	9kb	7/1/86	BS.561-2 - Definitions of radiation in LF, MF and HF broadcasting bands
0562-3-E.ZIP	13kb	6/1/90	BS.562-3 - Subjective assessment of sound quality
0597-1-E.ZIP	5kb	7/1/86	BS.597-1 - Channel spacing for sound broadcasting in band 7 (HF)
			BS.598-1 - Factors influencing the limits of amplitude-

0598-1-E.ZIP	861kb	6/1/90	modulation sound-broadcasting coverage in band 6 (MF)
0599-E.ZIP	16kb	7/1/82	BS.599 - Directivity of antennas for the reception of sound broadcasting in band 8 (VHF)
0638-E.ZIP	7kb	7/1/86	BS.638 - Terms and definitions used in frequency planning for sound broadcasting
0639-E.ZIP	127kb	7/1/86	BS.639 - Necessary bandwidth of emission in LF, MF and HF broadcasting
0640-3-E.ZIP	6kb	10/24/97	BS.640-3 - Single sideband (SSB) system for HF broadcasting
0641-E.ZIP	64kb	7/1/86	BS.641 - Determination of radio-frequency protection ratios for frequency-modulated sound broadcasting
0642-1-E.ZIP	40kb	6/1/90	BS.642-1 - Limiters for high-quality sound-programme signals
0643-2-E.ZIP	48kb	10/20/95	BS.643-2 - System for automatic tuning and other applications in FM radio receivers for use with the pilot-tone system
0644-1-E.ZIP	101kb	6/1/90	BS.644-1 - Audio quality parameters for the performance of a high-quality sound-programme transmission chain
0645-2-E.ZIP	42kb	3/8/92	BS.645-2 - Test signals and metering to be used on international sound-programme connections
0646-1-E.ZIP	6kb	3/8/92	BS.646-1 - Source encoding for digital sound signals in broadcasting studios
0647-2-E.ZIP	135kb	3/8/92	BS.647-2 - A digital audio interface for broadcasting studios
0702-1-E.ZIP	6kb	3/8/92	BS.702-1 - Synchronization and multiple frequency use per programme in HF broadcasting
0703-E.ZIP	92kb	6/1/90	BS.703 - Characteristics of AM sound broadcasting reference receivers for planning purposes
0704-E.ZIP	9kb	6/1/90	BS.704 - Characteristics of FM sound broadcasting reference receivers for planning purposes
0705-1-E.ZIP	1,401kb	10/20/95	BS.705-1 - HF transmitting and receiving antennas characteristics and diagrams
0706-2-E.ZIP	130kb	2/10/98	BS.706-2 - Data system in monophonic AM sound broadcasting (AMDS)
0707-4-E.ZIP	22kb	12/14/98	BS.707-4 - Transmission of multisound in terrestrial television systems PAL B, D1, G, H and I, and SECAM D, K, K1 and L
0708-E.ZIP	34kb	6/1/90	BS.708 - Determination of the electro-acoustical properties of studio monitor headphones
0773-E.ZIP	51kb	3/8/92	BS.773 - Radio-frequency protection ratios required by FM sound broadcasting in the band between 87.5 MHz and 108 MHz against interference from D/SECAM television transmissions
0774-2-E.ZIP	7kb	10/20/95	BS.774-2 - Service requirements for digital sound broadcasting to vehicular, portable and fixed receivers using terrestrial transmitters in the VHF/UHF bands

0775-1-E.ZIP	40kb	11/16/93	BS.775-1 - Multi-channel stereophonic sound system with and without accompanying picture
0776-E.ZIP	68kb	3/8/92	BS.776 - Format for user data channel of the digital audio interface
1114-1-E.ZIP	78kb	10/20/95	BS.1114-1 - Systems for terrestrial digital sound broadcasting to vehicular, portable and fixed receivers in the frequency range 30-3 000 MHz
1115-E.ZIP	26kb	11/16/93	BS.1115 - Low bit-rate audio coding
1116-1-E.ZIP	79kb	10/24/97	BS.1116-1 - Methods for the subjective assessment of small impairments in audio systems including multichannel sound systems
1194-2-E.ZIP	758kb	12/14/98	BS.1194-2 - System for multiplexing frequency modulation (FM) sound broadcasts with a sub-carrier data channel having a relatively large transmission capacity for stationary and mobile reception
1195-E.ZIP	387kb	10/20/95	BS.1195 - Transmitting antenna characteristics at VHF and UHF
1196-E.ZIP	194kb	10/20/95	BS.1196 - Audio coding for digital terrestrial television broadcasting
1283-E.ZIP	14kb	10/24/97	BS.1283 - Subjective assessment of sound quality - A guide to existing recommendations
1284-E.ZIP	14kb	10/24/97	BS.1284 - Methods for the subjective assessment of sound quality - General requirements
1285-E.ZIP	9kb	10/24/97	BS.1285 - Pre-selection methods for the subjective assessment of small impairments in audio systems
1286-E.ZIP	28kb	10/24/97	BS.1286 - Methods for the subjective assessment of audio systems with accompanying picture
1348-1-E.ZIP	15kb	2/4/01	BS.1348-1 - Service requirements for digital sound broadcasting at frequencies below 30 MHz
1349-E.ZIP	5kb	2/10/98	BS.1349 - Implementation of digital sound broadcasting to vehicular, portable and fixed receivers using terrestrial transmitters in the LF, MF and HF bands
1350-1-E.ZIP	21kb	12/14/98	BS.1350-1 - Systems requirements for multiplexing (FM) sound broadcasting with a sub-carrier data channel having a relatively large transmission capacity for stationary and mobile reception
1386-E.ZIP	269kb	12/14/98	BS.1386 - LF and MF transmitting antennas characteristics and diagrams
1387-E.ZIP	328kb	12/14/98	BS.1387 - Method for objective measurements of perceived audio quality
1423-E.ZIP	7kb	12/21/99	BS.1423 - Guidelines for producing multichannel soundtracks using surround matrix techniques

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Rec filename	Size	Date	Recommendation title
0266-1-E.ZIP	5kb	3/8/92	BT.266-1 - Phase pre-correction of television transmitters
0417-4-E.ZIP	8kb	3/8/92	BT.417-4 - Minimum field strengths for which protection may be sought in planning a television service
0419-3-E.ZIP	30kb	3/8/92	BT.419-3 - Directivity and polarization discrimination of antennas in the reception of television broadcasting
0470-6-E.ZIP	166kb	11/30/98	BT.470-6 - Conventional television systems
0471-1-E.ZIP	44kb	7/1/86	BT.471-1 - Nomenclature and description of colour bar signals
0472-3-E.ZIP	8kb	6/1/90	BT.472-3 - Video-frequency characteristics of a television system to be used for the international exchange of programmes between countries that have adopted 625-line colour or monochrome systems
0500-10-E.ZIP	179kb	3/6/00	BT.500-10 - Methodology for the subjective assessment of the the quality of television pictures
0565-E.ZIP	40kb	7/1/78	BT.565 - Protection ratios for 625-line television against radionavigation transmitters operating in the shared bands between 582 and 606 MHz
0601-5-E.ZIP	70kb	10/20/95	BT.601-5 - Studio encoding parameters of digital television for standard 4:3 and wide-screen 16:9 aspect ratios
0653-3-E.ZIP	71kb	2/10/98	BT.653-3 - Teletext systems
0654-E.ZIP	301kb	7/1/86	BT.654 - Subjective quality of television pictures in relation to the main impairments of the analogue composite television signal
0655-6-E.ZIP	88kb	3/6/00	BT.655-6 - Radio-frequency protection ratios for AM vestigial sideband terrestrial television systems interfered interfered with by unwanted analogue vision signals and their associated sound signals
0656-4-E.ZIP	40kb	2/10/98	BT.656-4 - Interfaces for digital component video signals in in 525-line and 625-line television systems operating at the the 4:2:2 level of Recommendation ITU-R BT.601 (Part A)
0709-4-E.ZIP	131kb	3/6/00	BT.709-4 - Parameter values for the HDTV standards for production and international programme exchange
0710-4-E.ZIP	8kb	11/30/98	BT.710-4 - Subjective assessment methods for image quality in high-definition television
0711-1-E.ZIP	7kb	6/1/90	BT.711-1 - Synchronizing reference signals for the component component digital studio
0796-E.ZIP	34kb	3/8/92	BT.796 - Parameters for enhanced compatible coding systems based on 625-line PAL and SECAM television systems
0797-1-E.ZIP	10kb	11/16/93	BT.797-1 - Parameters for 4:3 enhanced television systems that are NTSC-compatible
0798-1-E.ZIP	5kb	11/16/93	BT.798-1 - Digital terrestrial television broadcasting in the VHF/UHF bands
0799-3-E.ZIP	63kb	2/10/98	BT.799-3 - Interfaces for digital component video signals in in 525-line and 625-line television systems operating at the the 4:4:4 level of Recommendation ITU-R BT.601 (Part A)

0800-2-E.ZIP	11kb	10/20/95	BT.800-2 - User requirements for the transmission through contribution and primary distribution networks of digital television signals defined according to the 4:2:2 standard of Recommendation ITU-R BT.601 (Part A)
0801-1-E.ZIP	25kb	10/20/95	BT.801-1 - Test signals for digitally encoded colour television signals conforming with Recommendations ITU-R BT.601 (Part A) and ITU.R BT.656
0802-1-E.ZIP	13kb	11/16/93	BT.802-1 - Test pictures and sequences for subjective assessments of digital codecs conveying signals produced according to Recommendation ITU-R BT.601
0803-E.ZIP	8kb	3/8/92	BT.803 - The avoidance of interference generated by digital television studio equipment
0804-E.ZIP	15kb	3/8/92	BT.804 - Characteristics of TV receivers essential for frequency planning with PAL/SECAM/NTSC television systems
0805-E.ZIP	13kb	3/8/92	BT.805 - Assessment of impairment caused to television reception by a wind turbine
0806-E.ZIP	6kb	3/8/92	BT.806 - Common channel raster for the distribution of D-MAC, D2-MAC and HD-MAC signals in collective antenna and cable distribution systems
0807-E.ZIP	9kb	3/8/92	BT.807 - Reference model for data broadcasting
0808-E.ZIP	24kb	3/8/92	BT.808 - The broadcasting of time and date information in coded form
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0811-1-E.ZIP	7kb	11/16/93	BT.811-1 - The subjective assessment of enhanced PAL and SECAM systems
0812-E.ZIP	8kb	3/8/92	BT.812 - Subjective assessment of the quality of alphanumeric and graphic pictures in Teletext and similar services
0813-E.ZIP	14kb	3/8/92	BT.813 - Methods for objective picture quality assessment in relation to impairments from digital coding of television television signals
0814-1-E.ZIP	18kb	11/16/93	BT.814-1 - Specifications and alignment procedures for setting of brightness and contrast of displays
0815-1-E.ZIP	9kb	11/16/93	BT.815-1 - Specification of a signal for measurement of the contrast ratio of displays
1117-2-E.ZIP	88kb	10/24/97	BT.1117-2 - Studio format parameters for enhanced 16:9 aspect ratio 625-line television systems (D- and D2-MAC, PALplus, enhanced SECAM)
1118-1-E.ZIP	16kb	10/24/97	BT.1118-1 - Enhanced compatible widescreen television based on conventional television systems
1119-2-E.ZIP	43kb	2/10/98	BT.1119-2 - Wide-screen signalling for broadcasting (Signalling for wide-screen and other enhanced television parameters)
1120-3-E.ZIP	137kb	3/6/00	BT.1120-3 - Digital interfaces for HDTV studio signals
			BT.1121-1 - User requirements for the transmission through

1121-1-E.ZIP	8kb	10/20/95	contribution and primary distribution network of digital HDTV signals
1122-1-E.ZIP	7kb	10/20/95	BT.1122-1 - User requirements for emission and secondary distribution systems for SDTV, HDTV and hierarchical coding schemes
1123-E.ZIP	292kb	11/16/93	BT.1123 - Planning methods for 625-line terrestrial television in VHF/UHF bands
1124-2-E.ZIP	94kb	2/10/98	BT.1124-2 - Reference signals for ghost cancelling in analogue television systems
1125-E.ZIP	16kb	11/16/93	BT.1125 - Basic objectives for the planning and implementation of digital terrestrial television broadcasting systems
1126-E.ZIP	39kb	11/16/93	BT.1126 - Data transmission protocols and transmission control scheme for data broadcasting systems using a data channel in satellite television broadcasting
1127-E.ZIP	15kb	11/16/93	BT.1127 - Relative quality requirements of television broadcast systems
1128-2-E.ZIP	16kb	10/24/97	BT.1128-2 - Subjective assessment of conventional television television systems
1129-2-E.ZIP	73kb	2/10/98	BT.1129-2 - Subjective assessment of standard definition digital television (SDTV) systems
1197-1-E.ZIP	144kb	2/10/98	BT.1197-1 - Enhanced wide-screen PAL TV transmission system (the PALplus system)
1198-E.ZIP	5kb	10/20/95	BT.1198 - Stereoscopic television based on R- and L-eye two channel signals
1199-E.ZIP	30kb	10/20/95	BT.1199 - Use of bit-rate reduction in the HDTV studio environment
1200-1-E.ZIP	10kb	2/10/98	BT.1200-1 - Target standard for digital video systems for the studio and for international programme exchange
1201-E.ZIP	18kb	10/20/95	BT.1201 - Extremely high resolution imagery
1202-E.ZIP	5kb	10/20/95	BT.1202 - Displays for future television systems
1203-E.ZIP	12kb	10/20/95	BT.1203 - User requirements for generic bit-rate reduction coding of digital TV signals (SDTV, EDTV and HDTV) for an end-to-end television system
1204-E.ZIP	60kb	10/20/95	BT.1204 - Measuring methods for digital video equipment with analogue input/output
1205-E.ZIP	8kb	10/20/95	BT.1205 - User requirements for the quality of baseband SDTV SDTV and HDTV signals when transmitted by digital satellite news gathering (SNG)
1206-E.ZIP	12kb	10/20/95	BT.1206 - Spectrum shaping limits for digital terrestrial television broadcasting
1207-1-E.ZIP	18kb	10/24/97	BT.1207-1 - Data access methods for digital terrestrial television broadcasting
1208-1-E.ZIP	10kb	10/24/97	BT.1208-1 - Video coding for digital terrestrial television broadcasting
1209-1-E.ZIP	29kb	10/24/97	BT.1209-1 - Service multiplex methods for digital

			terrestrial television broadcasting
1298-E.ZIP	102kb	10/24/97	BT.1298 - Enhanced wide-screen NTSC TV transmission system
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Series F - Fixed service

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0162-3-E.ZIP	192kb	3/8/92	F.162-3 - Use of directional transmitting antennas in the fixed service operating in bands below about 30 MHz

0240-6-E.ZIP	240kb	3/8/92	F.240-6 - Signal-to-interference protection ratios for various classes of emission in the fixed service below about 30 MHz
0246-3-E.ZIP	8kb	7/1/74	F.246-3 - Frequency-shift keying
0268-1-E.ZIP	5kb	7/1/70	F.268-1 - Interconnection at audio frequencies of radio-relay systems for telephony
0270-2-E.ZIP	5kb	7/1/78	F.270-2 - Interconnection at video signal frequencies of radio-relay systems for television
0275-3-E.ZIP	70kb	7/1/82	F.275-3 - Pre-emphasis characteristic for frequency modulation radio-relay systems for telephony using frequency-division multiplex
0276-2-E.ZIP	5kb	7/1/74	F.276-2 - Frequency deviation and the sense of modulation for analogue radio-relay systems for television
0283-5-E.ZIP	31kb	6/1/90	F.283-5 - Radio-frequency channel arrangements for low and medium capacity analogue or digital radio-relay systems operating in the 2 GHz band
0290-3-E.ZIP	6kb	7/1/78	F.290-3 - Maintenance measurements on radio-relay systems for telephony using frequency-division multiplex
0302-3-E.ZIP	8kb	5/28/97	F.302-3 - Limitation of interference from trans-horizon radio-relay systems
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0306-E.ZIP	5kb	7/1/59	F.306 - Procedure for the international connection of radio-relay systems with different characteristics
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0339-6-E.ZIP	14kb	7/1/86	F.339-6 - Bandwidths, signal-to-noise ratios and fading allowances in complete systems
0342-2-E.ZIP	131kb	7/1/70	F.342-2 - Automatic error-correcting system for telegraph signals transmitted over radio circuits
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0348-4-E.ZIP	52kb	6/1/90	F.348-4 - Arrangement of channels in multi-channel single-sideband and independent-sideband transmitters for long-range circuits operating at frequencies below about 30 MHz
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0257-3-E.ZIP	17kb	10/20/95	M.257-3 - Sequential Single Frequency selective-calling system for use in the maritime mobile service
0428-3-E.ZIP	8kb	6/1/90	M.428-3 - Direction-finding and/or homing in the 2 MHz band on board ships
0441-1-E.ZIP	5kb	7/1/82	M.441-1 - Signal-to-interference ratios and minimum field strengths required in the aeronautical mobile (R) service above 30 MHz
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1457-E.ZIP	1,166kb	5/5/00	M.1457 - Detailed specifications of the radio interfaces of International Mobile Telecommunications-2000 (IMT-2000)
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1459-E.ZIP	83kb	5/5/00	M.1459 - Protection criteria for telemetry systems in the aeronautical mobile service and mitigation techniques to facilitate sharing with geostationary broadcasting-satellite and mobile-satellite services in the frequency bands 1 452-1 525 MHz and 2 310-2 360 MHz
1460-E.ZIP	31kb	5/5/00	M.1460 - Technical and operational characteristics and protection criteria of radiodetermination and meteorological radars in the 2 900-3 100 MHz band
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1464-E.ZIP	18kb	5/5/00	M.1464 - Characteristics of and protection criteria for radionavigation and meteorological radars operating in the frequency band 2 700-2 900 MHz
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1472-E.ZIP	88kb	5/5/00	M.1472 - Methodology to evaluate the impact of interference from time division multiple access/frequency division multiple access (TDMA/FDMA) mobile-satellite service (MSS) systems operating in the 2 GHz range on baseband performance in frequency division multiplexing-frequency modulation (FDM-FM) analogue line-of-sight (LOS) fixed service receivers
			M.1473 - Methodology to evaluate the impact of interference from time division multiple access/frequency division multiple access (TDMA/FDMA) mobile-satellite

1473-E.ZIP	51kb	5/5/00	service (MSS) systems operating in the 2 GHz range on video baseband performance in TV-FM analogue line-of-sight fixed service receivers
1474-E.ZIP	24kb	5/5/00	M.1474 - Methodology to evaluate the impact of interference from time division multiple access/frequency division multiple access (TDMA/FDMA) mobile-satellite service (MSS) systems operating in the 2 GHz range on baseband performance in digital line-of-sight fixed service receivers based on statistics of radio-frequency interference
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1476-E.ZIP	45kb	5/5/00	M.1476 - Performance objectives for narrow-band digital channels using geostationary satellites to serve transportable and mobile Earth stations in the 1-3 GHz range forming part of the integrated services digital network
1477-E.ZIP	452kb	5/5/00	M.1477 - Technical and performance characteristics of current and planned radionavigation-satellite service (space-to-Earth) and aeronautical radionavigation service receivers to be considered in interference studies in the band 1 559-1 610 MHz
1478-E.ZIP	35kb	5/5/00	M.1478 - Protection criteria for Cospas-Sarsat search and rescue processors in the band 406-406.1 MHz
1479-E.ZIP	16kb	5/5/00	M.1479 - Technical characteristics and performance requirements of current and planned radionavigation-satellite service (space-to-space) receivers to be considered in interference studies in the frequency bands 1 215-1 260 MHz and 1 559-1 610 MHz
1480-E.ZIP	20kb	5/5/00	M.1480 - Essential technical requirements of mobile Earth stations of geostationary mobile-satellite systems that are implementing the Global mobile personal communications by satellite (GMPCS) - Memorandum of understanding arrangements in parts of the frequency band 1-3 GHz

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Series P - Radiowave propagation

Rec filename	Size	Date	Recommendation title
0310-9-E.ZIP	10kb	11/16/93	P.310-9 - Definitions of terms relating to propagation in non-ionized media
0313-9-E.ZIP	8kb	7/7/99	P.313-9 - Exchange of information for short-term forecasts and transmission of ionospheric disturbance warnings
0341-5-E.ZIP	24kb	10/15/99	P.341-5 - The concept of transmission loss for radio links
0368-7-E.ZIP	6,995kb	3/8/92	P.368-7 - Ground-wave propagation curves for frequencies between 10 kHz and 30 MHz
0370-7-E.ZIP	392kb	10/20/95	P.370-7 - VHF and UHF propagation curves for the frequency

			range from 30 MHz to 1 000 MHz. Broadcasting services
0371-8-E.ZIP	42kb	7/7/99	P.371-8 - Choice of indices for long-term ionospheric predictions
0373-7-E.ZIP	5kb	10/20/95	P.373-7 - Definitions of maximum and minimum transmission frequencies
0525-2-E.ZIP	9kb	11/16/93	P.525-2 - Calculation of free-space attenuation
0527-3-E.ZIP	172kb	3/8/92	P.527-3 - Electrical characteristics of the surface of the Earth
0528-2-E.ZIP	399kb	7/1/86	P.528-2 - Propagation curves for aeronautical mobile and radionavigation services using the VHF, UHF and SHF bands
0529-3-E.ZIP	94kb	10/15/99	P.529-3 - Prediction methods for the terrestrial land mobile service in the VHF and UHF bands
0532-1-E.ZIP	78kb	3/8/92	P.532-1 - Ionospheric effects and operational considerations associated with artificial modification of the ionosphere and the radio-wave channel
0534-4-E.ZIP	1,403kb	10/15/99	P.534-4 - Method for calculating sporadic-E field strength
0581-2-E.ZIP	5kb	6/1/90	P.581-2 - The concept of "worst month"
0616-E.ZIP	5kb	7/1/86	P.616 - Propagation data for terrestrial maritime mobile services operating at frequencies above 30 MHz
0617-1-E.ZIP	80kb	3/8/92	P.617-1 - Propagation prediction techniques and data required for the design of trans-horizon radio-relay systems
0619-1-E.ZIP	40kb	3/8/92	P.619-1 - Propagation data required for the evaluation of interference between stations in space and those on the surface of the Earth
0620-4-E.ZIP	495kb	10/15/99	P.620-4 - Propagation data required for the evaluation of coordination distances in the frequency range 100 MHz to 105 GHz
0678-1-E.ZIP	38kb	3/8/92	P.678-1 - Characterization of the natural variability of propagation phenomena
0680-3-E.ZIP	50kb	10/15/99	P.680-3 - Propagation data required for the design of Earth-space maritime mobile telecommunication systems
0682-1-E.ZIP	64kb	3/8/92	P.682-1 - Propagation data required for the design of Earth-space aeronautical mobile telecommunication systems
0832-2-E.ZIP	5,319kb	7/7/99	P.832-2 - World Atlas of Ground Conductivities
0834-3-E.ZIP	178kb	10/15/99	P.834-3 - Effects of tropospheric refraction on radiowave propagation
0835-3-E.ZIP	20kb	10/15/99	P.835-3 - Reference standard atmospheres
0838-1-E.ZIP	10kb	10/15/99	P.838-1 - Specific attenuation model for rain for use in prediction methods
0839-2-E.ZIP	8kb	10/15/99	P.839-2 - Rain height model for prediction methods
0840-3-E.ZIP	184kb	10/15/99	P.840-3 - Attenuation due to clouds and fog
0842-2-E.ZIP	31kb	7/7/99	P.842-2 - Computation of reliability and compatibility of

Rec filename	Size	Date	Recommendation title
0314-8-E.ZIP	12kb	3/8/92	RA.314-8 - Preferred frequency bands for radioastronomical measurements
0479-4-E.ZIP	13kb	10/20/95	RA.479-4 - Protection of frequencies for radioastronomical measurements in the shielded zone of the Moon
0517-2-E.ZIP	51kb	3/8/92	RA.517-2 - Protection of the radioastronomy service from transmitters in adjacent bands
0611-2-E.ZIP	53kb	3/8/92	RA.611-2 - Protection of the radioastronomy service from spurious emissions
0769-1-E.ZIP	20kb	10/20/95	RA.769-1 - Protection criteria used for radioastronomical measurements
1031-1-E.ZIP	14kb	10/20/95	RA.1031-1 - Protection of the radioastronomy service in frequency bands shared with other services
1237-E.ZIP	14kb	2/18/97	RA.1237 - Protection of the radio astronomy service from unwanted emissions resulting from applications of wideband digital modulation
1272-E.ZIP	6kb	10/24/97	RA.1272 - Protection of radio astronomy measurements above 60 GHz from ground based interference
1417-E.ZIP	12kb	10/26/99	RA.1417 - A radio-quiet zone in the vicinity of the L2 Sun-Earth Lagrange point

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Series S - Fixed-satellite service

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0352-4-E.ZIP	21kb	7/1/82	S.352-4 - Hypothetical reference circuit for systems using analogue transmission in the fixed-satellite service
0353-8-E.ZIP	25kb	11/16/93	S.353-8 - Allowable noise power in the hypothetical reference circuit for frequency-division multiplex telephony in the fixed-satellite service
0354-2-E.ZIP	6kb	7/1/74	S.354-2 - Video bandwidth and permissible noise level in the hypothetical reference circuit for the fixed-satellite service
0446-4-E.ZIP	75kb	4/25/93	S.446-4 - Carrier energy dispersal for systems employing angle modulation by analogue signals or digital modulation in the fixed-satellite service
0464-2-E.ZIP	111kb	3/8/92	S.464-2 - Pre-emphasis characteristics for frequency-modulation systems for frequency-division multiplex telephony in the fixed-satellite service
0465-5-E.ZIP	7kb	4/25/93	S.465-5 - Reference earth-station radiation pattern for use in coordination and interference assessment in the frequency range from 2 to about 30 GHz
0466-6-E.ZIP	8kb	3/8/92	S.466-6 - Maximum permissible level of interference in a telephone channel of a geostationary-satellite network in the fixed-satellite service employing frequency modulation

			with frequency-division multiplex, caused by other networks of this service
0481-2-E.ZIP	7kb	7/1/86	S.481-2 - Measurement of noise in actual traffic for systems in the fixed-satellite service for telephony using frequency-division multiplex
0482-2-E.ZIP	12kb	7/1/86	S.482-2 - Measurement of performance by means of a signal of a uniform spectrum for systems using frequency-division multiplex telephony in the fixed-satellite service
0483-3-E.ZIP	70kb	5/28/97	S.483-3 - Maximum permissible level of interference in a television channel of a geostationary-satellite network in the fixed- satellite service employing frequency modulation, caused by other networks of this service
0484-3-E.ZIP	7kb	3/8/92	S.484-3 - Station-keeping in longitude of geostationary satellites in the fixed-satellite service
0521-4-E.ZIP	40kb	1/4/00	S.521-4 - Hypothetical reference digital paths for systems using digital transmission in the fixed-satellite service
0522-5-E.ZIP	7kb	11/16/93	S.522-5 - Allowable bit error ratios at the output of the hypothetical reference digital path for systems in the fixed-satellite service using pulse-code modulation for telephony
0523-4-E.ZIP	8kb	3/8/92	S.523-4 - Maximum permissible levels of interference in a geostationary-satellite network in the fixed-satellite service using 8-bit PCM encoded telephony, caused by other networks of this service
0579-4-E.ZIP	29kb	9/18/97	S.579-4 - Availability objectives for a hypothetical reference circuit and a hypothetical reference digital path when used for telephony using pulse code modulation, or as part of an integrated services digital network hypothetical reference connection, in the fixed-satellite service
0580-5-E.ZIP	14kb	11/16/93	S.580-5 - Radiation diagrams for use as design objectives for antennas of earth stations operating with geostationary satellites
0614-3-E.ZIP	157kb	11/16/93	S.614-3 - Allowable error performance for a hypothetical reference digital path in the fixed-satellite service operating below 15 GHz when forming part of an international connection in an integrated services digital network
0670-1-E.ZIP	16kb	3/8/92	S.670-1 - Flexibility in the positioning of satellites as a design objective
0671-3-E.ZIP	47kb	11/16/93	S.671-3 - Necessary protection ratios for narrow-band single channel-per-carrier transmissions interfered with by analogue television carriers
0672-4-E.ZIP	103kb	9/18/97	S.672-4 - Satellite antenna radiation pattern for use as a design objective in the fixed-satellite service employing geostationary satellites
0673-E.ZIP	8kb	6/1/90	S.673 - Terms and definitions relating to space radiocommunications
0725-E.ZIP	6kb	3/8/92	S.725 - Technical characteristics for very small aperture terminals (VSATs)
0726-1-E.ZIP	8kb	4/25/93	S.726-1 - Maximum permissible level of spurious emissions from very small aperture terminals (VSATs)
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0741-2-E.ZIP	12kb	11/16/93	S.741-2 - Carrier-to-interference calculations between networks in the fixed- satellite service
0742-1-E.ZIP	20kb	4/25/93	S.742-1 - Spectrum utilization methodologies
0743-1-E.ZIP	147kb	11/16/93	S.743-1 - The coordination between satellite networks using slightly inclined geostationary-satellite orbits (GSOs) and between such networks and satellite networks using non-inclined GSO satellites
0744-E.ZIP	10kb	3/8/92	S.744 - Orbit/spectrum improvement measures for satellite networks having more than one service in one or more frequency bands
1001-E.ZIP	16kb	4/25/93	S.1001 - Use of systems in the fixed-satellite service in the event of natural disasters and similar emergencies for warning and relief operations

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1062-2-E.ZIP	57kb	11/30/99	S.1062-2 - Allowable error performance for a hypothetical reference digital path operating at or above the primary rate
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			segments and frequency bands
1254-E.ZIP	6kb	5/28/97	S.1254 - Best practices to facilitate the coordination process of fixed-satellite service satellite networks
1255-E.ZIP	6kb	5/28/97	S.1255 - Use of adaptive uplink power control to mitigate codirectional interference between geostationary satellite orbit/fixed-satellite service (GSO/FSS) networks and feeder links of non-geostationary satellite orbit/mobile satellite service (non-GSO/MSS) networks and between GSO/FSS networks and non-GSO/FSS networks
1256-E.ZIP	60kb	5/28/97	S.1256 - Methodology for determining the maximum aggregate power flux-density at the geostationary-satellite orbit in the band 6 700-7 075 MHz from feeder links of non-geostationary satellite systems in the mobile-satellite service in the space-to-Earth direction
1323-1-E.ZIP	473kb	1/4/00	S.1323-1 - Maximum permissible levels of interference in a satellite network (GSO/FSS; non-GSO/FSS; non-GSO/MSS feeder links) in the fixed-satellite service caused by other codirectional networks below 30 GHz
1324-E.ZIP	50kb	9/18/97	S.1324 - Analytical method for estimating interference between non-geostationary mobile-satellite feeder links and geostationary fixed-satellite networks operating co-frequency and codirectionally
1325-1-E.ZIP	194kb	1/4/00	S.1325-1 - Simulation methodologies for determining statistics of short-term interference between co-frequency, codirectional non-geostationary-satellite orbit (non-GSO) fixed-satellite service (FSS) networks and other non-GSO FSS or GSO FSS networks
1326-E.ZIP	74kb	9/18/97	S.1326 - Feasibility of sharing between the inter-satellite service and the fixed-satellite service in the frequency band 50.4-51.4 GHz
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1329-E.ZIP	103kb	9/18/97	S.1329 - Frequency sharing of the bands 19.7-20.2 GHz and 29.5-30.0 GHz between systems in the mobile-satellite service and systems in the fixed-satellite service
1339-1-E.ZIP	118kb	11/30/99	S.1339-1 - Sharing between spaceborne passive sensors of the Earth exploration-satellite service and inter-satellite links of geostationary-satellite networks in the range 54.25 to 59.3 GHz
1340-E.ZIP	33kb	10/24/97	S.1340 - Sharing between feeder links for the mobile-satellite service and the aeronautical radionavigation service in the Earth-to-space direction in the band 15.4-15.7 GHz
1341-E.ZIP	32kb	10/24/97	S.1341 - Sharing between feeder links for the mobile-satellite service and the aeronautical radionavigation service in the space-to-Earth direction in the band 15.4-15.7 GHz and the protection of the radio astronomy service in the band 15.35-15.4 GHz
1342-E.ZIP	9kb	10/24/97	S.1342 - Method for determining coordination distances, in the 5 GHz band, between the international standard microwave landing system in the aeronautical radionavigation service and non-geostationary mobile satellite service stations providing feeder uplink services
			S.1418 - Method for calculating single entry carrier-to-

1418-E.ZIP	23kb	11/30/99	interference ratios for links in inter-satellite service using geostationary orbit
1419-E.ZIP	10kb	11/30/99	S.1419 - Interference mitigation techniques to facilitate coordination between non-geostationary-satellite orbit mobile-satellite service feeder links and geostationary-satellite orbit fixed-satellite service networks in the bands 19.3-19.7 GHz and 29.1-29.5 GHz
1420-E.ZIP	125kb	11/30/99	S.1420 - Performance for broadband integrated services digital network asynchronous transfer mode via satellite
1424-E.ZIP	21kb	1/4/00	S.1424 - Availability objectives for a hypothetical reference digital path when used for the transmission of B-ISDN asynchronous transfer mode in the fixed-satellite service by geostationary orbit satellite systems using frequencies below 15 GHz
1425-E.ZIP	55kb	1/4/00	S.1425 - Transmission considerations for digital carriers using higher levels of modulation on satellite circuits
1426-E.ZIP	8kb	1/4/00	S.1426 - Aggregate power flux-density limits, at the FSS satellite orbit for radio local area network (RLAN) transmitters operating in the 5 150-5 250 MHz band sharing frequencies with the FSS (RR No. S5.447A)
1427-E.ZIP	8kb	1/4/00	S.1427 - Methodology and criterion to assess interference from radio local area (RLAN) transmitters to non-GSO MSS feeder links in the band 5 150-5 250 MHz
1429-E.ZIP	12kb	1/4/00	S.1429 - Error performance objectives due to internetwork interference between GSO and non-GSO FSS systems for hypothetical reference digital paths operating at or above the primary rate carried by systems using frequencies below 15 GHz
1430-E.ZIP	266kb	1/4/00	S.1430 - Determination of the coordination area for Earth stations operating with non-geostationary space stations with respect to Earth stations operating in the reverse direction in frequency bands allocated bidirectionally to the fixed-satellite service
1431-E.ZIP	10kb	1/4/00	S.1431 - Methods to enhance sharing between non-GSO FSS systems (except MSS feeder links) in the frequency bands between 10-30 GHz
1432-E.ZIP	11kb	1/4/00	S.1432 - Apportionment of the allowable error performance degradations to fixed satellite service (FSS) hypothetical reference digital paths arising from time invariant interference for systems operating below 15 GHz
1433-E.ZIP	12kb	1/4/00	S.1433 - Uplink and inter-satellite equivalent power flux-density radiated by non-GSO FSS Systems
1503-E.ZIP	10kb	5/5/00	BO.1503 - Functional description to be used in developing software tools for determining conformity of non-GSO FSS networks with limits contained in Article S22 of the Radio Regulation (Resolutions ITU-R 130, 538 (CMR-97))

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Series SA - Space applications

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Rec filename	Size	Date	Recommendation title
0363-5-E.ZIP	19kb	11/16/93	SA.363-5 - Space operation systems. Frequencies, bandwidths and protection criteria
0364-5-E.ZIP	327kb	3/8/92	SA.364-5 - Preferred frequencies and bandwidths for manned and unmanned near-Earth research satellites
0509-2-E.ZIP	15kb	2/10/98	SA.509-2 - Generalized space research Earth station and radio astronomy antenna radiation pattern for use in interference calculations, including coordination procedures
0510-2-E.ZIP	6kb	10/24/97	SA.510-2 - Feasibility of frequency sharing between the space research service and other services in bands near 14 and 15 GHz - Potential interference from data relay satellite systems
0514-3-E.ZIP	6kb	10/24/97	SA.514-3 - Interference criteria for command and data transmission systems operating in the Earth exploration-satellite and meteorological-satellite services
0515-3-E.ZIP	22kb	6/26/97	SA.515-3 - Frequency bands and bandwidths used for satellite passive sensing
0516-1-E.ZIP	5kb	11/16/93	SA.516-1 - Feasibility of sharing between active sensors used on Earth exploration and meteorological satellites and the radiolocation service
0577-5-E.ZIP	15kb	6/26/97	SA.577-5 - Preferred frequencies and necessary bandwidths for spaceborne active remote sensors
0609-1-E.ZIP	9kb	3/8/92	SA.609-1 - Protection criteria for telecommunication links for manned and unmanned near-Earth research satellites
1012-E.ZIP	99kb	11/16/93	SA.1012 - Preferred frequency bands for deep-space research in the 1-40 GHz range
1013-E.ZIP	31kb	11/16/93	SA.1013 - Preferred frequency bands for deep-space research in the 40-120 GHz range
1014-E.ZIP	18kb	11/16/93	SA.1014 - Telecommunication requirements for manned and unmanned deep-space research
1015-E.ZIP	9kb	11/16/93	SA.1015 - Bandwidth requirements for deep-space research
1016-E.ZIP	29kb	11/16/93	SA.1016 - Sharing considerations relating to deep-space research
1017-E.ZIP	36kb	11/16/93	SA.1017 - Preferred method for calculating link performance in the space research service
1018-E.ZIP	15kb	11/16/93	SA.1018 - Hypothetical reference system for systems comprising data relay satellites in the geostationary orbit and user spacecraft in low Earth-orbits
1019-E.ZIP	6kb	11/16/93	SA.1019 - Preferred frequency bands and transmission directions for data relay satellite systems
1020-E.ZIP	11kb	11/16/93	SA.1020 - Hypothetical reference system for the Earth exploration-satellite and meteorological satellite services
1021-E.ZIP	7kb	11/16/93	SA.1021 - Methodology for determining performance objectives for systems in the Earth exploration-satellite and meteorological-satellite services
1022-1-E.ZIP	15kb	10/26/99	SA.1022-1 - Methodology for determining interference criteria for systems in the Earth exploration-satellite and

			meteorological-satellite services
1023-E.ZIP	8kb	11/16/93	SA.1023 - Methodology for determining sharing and coordination criteria for systems in the Earth exploration-satellite and meteorological-satellite services
1024-1-E.ZIP	5kb	6/26/97	SA.1024-1 - Necessary bandwidths and preferred frequency bands for data transmission from Earth exploration satellites (not including meteorological satellites)
1025-3-E.ZIP	11kb	10/26/99	SA.1025-3 - Performance criteria for space-to-Earth data transmission systems operating in the Earth exploration-satellite and meteorological-satellite services using satellites in low-Earth orbit
1026-3-E.ZIP	28kb	10/26/99	SA.1026-3 - Interference criteria for space-to-Earth data transmission systems operating in the Earth exploration-satellite and meteorological-satellite services using satellites in low-Earth orbit
1027-3-E.ZIP	20kb	10/26/99	SA.1027-3 - Sharing and coordination criteria for space-to-Earth data transmission systems in the Earth exploration-satellite and meteorological-satellite services using satellites in low-Earth orbit
1028-1-E.ZIP	8kb	6/26/97	SA.1028-1 - Performance criteria for satellite passive remote sensing
1029-1-E.ZIP	9kb	6/26/97	SA.1029-1 - Interference criteria for satellite passive remote sensing
1030-E.ZIP	11kb	11/16/93	SA.1030 - Telecommunication requirements of satellite systems for geodesy and geodynamics
1071-E.ZIP	307kb	11/16/93	SA.1071 - Use of the 13.75 to 14.0 GHz band by the space science services and the fixed satellite service
1154-E.ZIP	185kb	10/20/95	SA.1154 - Provisions to protect the space research (SR), space operations (SO) and Earth-exploration satellite services (EES) and to facilitate sharing with the mobile service in the 2 025-2 110 and 2 200-2 290 MHz bands
1155-E.ZIP	95kb	10/20/95	SA.1155 - Protection criteria related to the operation of data relay satellite systems
1156-E.ZIP	34kb	10/20/95	SA.1156 - Methods of calculating low-orbit satellite visibility statistics
1157-E.ZIP	53kb	10/20/95	SA.1157 - Protection criteria for deep-space research
1158-2-E.ZIP	117kb	10/26/99	SA.1158-2 - Sharing of the 1 675-1 710 MHz band between the meteorological-satellite service (space-to-Earth) and the mobile-satellite service (Earth-to-space)
1159-2-E.ZIP	9kb	10/26/99	SA.1159-2 - Performance criteria for data dissemination and direct data readout systems in the Earth exploration-satellite service and meteorological-satellite services using satellites in geostationary orbit
1160-2-E.ZIP	27kb	10/26/99	SA.1160-2 - Interference criteria for data dissemination and direct data readout systems in the Earth exploration-satellite and meteorological-satellite services using satellites in geostationary orbit
1161-1-E.ZIP	13kb	10/26/99	SA.1161-1 - Sharing and coordination criteria for data dissemination and direct data readout systems in the Earth exploration-satellite and meteorological-satellite services

			using satellites in geostationary orbit
1162-1-E.ZIP	14kb	6/26/97	SA.1162-1 - Telecommunication requirements and performance criteria for service links in data collection and platform location systems in the Earth exploration- and meteorological-satellite services
1163-2-E.ZIP	35kb	10/26/99	SA.1163-2 - Interference criteria for service links in data collection systems in the Earth exploration-satellite and meteorological-satellite services
1164-2-E.ZIP	14kb	10/26/99	SA.1164-2 - Sharing and coordination criteria for service links in data collection systems in the Earth exploration-satellite and meteorological-satellite services
1165-1-E.ZIP	32kb	6/26/97	SA.1165-1 - Technical characteristics and performance criteria for radiosonde systems in the meteorological aids service
1166-2-E.ZIP	27kb	10/26/99	SA.1166-2 - Performance and interference criteria for active spaceborne sensors
1236-E.ZIP	182kb	2/18/97	SA.1236 - Frequency sharing between space research service extra-vehicular activity (EVA) links and fixed and mobile service links in the 410-420 MHz band
1258-1-E.ZIP	7kb	10/26/99	SA.1258-1 - Sharing of the frequency band 401-403 MHz between the meteorological-satellite service, Earth exploration-satellite service and meteorological Aids service
1259-E.ZIP	69kb	6/26/97	SA.1259 - Feasibility of sharing between spaceborne passive sensors and the fixed service from 50 to 60 GHz
1260-E.ZIP	6kb	6/26/97	SA.1260 - Feasibility of sharing between active spaceborne sensors and other services in the vicinity of 410-470 MHz
1261-E.ZIP	7kb	6/26/97	SA.1261 - Feasibility of sharing between spaceborne cloud radars and other services in the range of 92-95 GHz
1262-E.ZIP	12kb	6/26/97	SA.1262 - Sharing and coordination criteria for meteorological aids in the 400.15-406 MHz and 1 668.4-1 700 MHz bands
1263-E.ZIP	14kb	6/26/97	SA.1263 - Interference criteria for meteorological aids operated in the 400.15-406 MHz and 1 668.4-1 700 MHz bands
1264-E.ZIP	8kb	6/26/97	SA.1264 - Frequency sharing between the meteorological aids service and the mobile-satellite service (Earth-to-space) in the 1 675-1 700 MHz band
1273-E.ZIP	154kb	10/24/97	SA.1273 - Power flux-density levels from the space research, space operation and Earth exploration-satellite services at the surface of the Earth required to protect the fixed service in the bands 2 025-2 110 MHz and 2 200-2 290 MHz
1274-E.ZIP	7kb	10/24/97	SA.1274 - Criteria for data relay satellite networks to facilitate sharing with systems in the fixed service in the bands 2 025-2 110 MHz and 2 200-2 290 MHz
1275-E.ZIP	6kb	10/24/97	SA.1275 - Orbital locations of data relay satellites to be protected from the emissions of fixed service systems operating in the band 2 200-2 290 MHz
1276-E.ZIP	6kb	10/24/97	SA.1276 - Orbital locations of data relay satellites to be protected from the emissions of fixed service systems operating in the band 25.25-27.5 GHz

1277-E.ZIP	63kb	10/24/97	SA.1277 - Sharing in the 8 025-8 400 MHz frequency band between the Earth exploration-satellite service and the fixed, fixed-satellite, meteorological-satellite and mobile services in Regions 1, 2 and 3
1278-E.ZIP	27kb	10/24/97	SA.1278 - Feasibility of sharing between the Earth exploration-satellite service (space-to-Earth) and the fixed, inter-satellite, and mobile services in the band 25.5-27.0 GHz
1279-E.ZIP	56kb	10/24/97	SA.1279 - Spectrum sharing between spaceborne passive sensors and inter-satellite links in the range 50.2-59.3 GHz
1280-E.ZIP	38kb	10/24/97	SA.1280 - Selection of active spaceborne sensor emission characteristics to mitigate the potential for interference to terrestrial radars operating in frequency bands 1-10 GHz
1281-E.ZIP	73kb	10/24/97	SA.1281 - Protection of stations in the radiolocation service from emissions from active spaceborne sensors in the band 13.4-13.75 GHz
1282-E.ZIP	6kb	10/24/97	SA.1282 - Feasibility of sharing between wind profiler radars and active spaceborne sensors in the vicinity of 1 260 MHz
1344-E.ZIP	37kb	2/10/98	SA.1344 - Preferred frequency bands and bandwidths for the transmission of space VLBI data
1345-E.ZIP	280kb	2/10/98	SA.1345 - Methods for predicting radiation patterns of large antennas used for space research and radio astronomy
1346-E.ZIP	15kb	2/10/98	SA.1346 - Sharing between the meteorological aids service and medical implant communication systems (MICS) operating in the mobile service in the frequency band 401-406 MHz
1347-E.ZIP	25kb	2/10/98	SA.1347 - Feasibility of sharing between radionavigation-satellite service receivers and the Earth exploration-satellite (active) and space research (active) services in the 1 215-1 260 MHz band
1396-E.ZIP	8kb	4/22/99	SA.1396 - Protection criteria for the space research service in the 37-38 and 40-40.5 GHz bands
1414-E.ZIP	19kb	10/26/99	SA.1414 - Characteristics of data relay satellite systems
1415-E.ZIP	7kb	10/26/99	SA.1415 - Sharing between inter-satellite service systems in the frequency band 25.25-27.5 GHz
1416-E.ZIP	313kb	10/26/99	SA.1416 - Sharing between spaceborne passive sensors and the inter-satellite service operating near 118 and 183 GHz
1449-E.ZIP	311kb	5/5/00	SA.1449 - Feasibility of sharing between the fixed-satellite service (FSS) (space-to-Earth) and the Earth exploration-satellite (passive) and space research (passive) services in the band 18.6-18.8 GHz

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Series SF - *Frequency sharing between the fixed-satellite service and the fixed service*

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Rec filename	Size	Date	Recommendation title
0355-4-E.ZIP	37kb	3/8/92	SF.355-4 - Frequency sharing between systems in the fixed-satellite service and radio-relay systems in the same frequency bands
0356-4-E.ZIP	7kb	7/1/78	SF.356-4 - Maximum allowable values of interference from line-of-sight radio-relay systems in a telephone channel of a system in the fixed-satellite service employing frequency modulation, when the same frequency bands are shared by both systems
0357-4-E.ZIP	8kb	5/28/97	SF.357-4 - Maximum allowable values of interference in a telephone channel of an analogue angle-modulated radio-relay system sharing the same frequency bands as systems in the fixed-satellite service
0358-5-E.ZIP	39kb	10/20/95	SF.358-5 - Maximum permissible values of power flux-density at the surface of the Earth produced by satellites in the fixed-satellite service using the same frequency bands above 1 GHz as line-of-sight radio-relay systems
0406-8-E.ZIP	8kb	4/25/93	SF.406-8 - Maximum equivalent isotropically radiated power of radio-relay system transmitters operating in the frequency bands shared with the fixed-satellite service
0558-2-E.ZIP	6kb	7/1/86	SF.558-2 - Maximum allowable values of interference from terrestrial radio links to systems in the fixed-satellite service employing 8-bit PCM encoded telephony and sharing the same frequency bands
0615-1-E.ZIP	7kb	5/28/97	SF.615-1 - Maximum allowable values of interference from the fixed-satellite service into terrestrial radio-relay systems which may form part of an ISDN and share the same frequency band below 15 GHz
0674-1-E.ZIP	5kb	5/28/97	SF.674-1 - Power flux-density values to facilitate the application of Article 14 of the Radio Regulations for FSS in relation to the fixed-satellite service in the 11.7-12.2 GHz band in Region 2
0675-3-E.ZIP	45kb	11/16/93	SF.675-3 - Calculation of the maximum power density (averaged over 4 kHz) of an angle-modulated carrier
0765-E.ZIP	125kb	3/8/92	SF.765 - Intersection of radio-relay antenna beams with orbits used by space stations in the fixed-satellite service
0766-E.ZIP	1,134kb	3/8/92	SF.766 - Methods for determining the effects of interference on the performance and the availability of terrestrial radio-relay systems and systems in the fixed-satellite service
1004-E.ZIP	15kb	4/25/93	SF.1004 - Maximum equivalent isotropically radiated power transmitted towards the horizon by earth stations of the fixed-satellite service sharing frequency bands with the fixed service
1005-E.ZIP	88kb	4/25/93	SF.1005 - Sharing between the fixed service and the fixed-satellite service with bidirectional usage in bands above 10 GHz currently unidirectionally allocated
1006-E.ZIP	42kb	4/25/93	SF.1006 - Determination of the interference potential between earth stations of the fixed-satellite service and stations in the fixed service
			SF.1008-1 - Possible use by space stations in the fixed-satellite service of orbits slightly inclined with respect

1008-1-E.ZIP	309kb	10/20/95	to the geostationary-satellite orbit in bands shared with the fixed service
1193-E.ZIP	6kb	10/20/95	SF.1193 - Carrier-to-interference calculations between earth stations in the fixed-satellite service and radio-relay systems
1320-E.ZIP	82kb	8/22/97	SF.1320 - Maximum allowable values of power flux-density at the surface of the Earth produced by non-geostationary satellites in the fixed-satellite service used in feeder links for the mobile-satellite service and sharing the same frequency bands with radio-relay systems
1395-E.ZIP	14kb	3/21/99	SF.1395 - Minimum propagation attenuation due to atmospheric gases for use in frequency sharing studies between the fixed-satellite service and the fixed service
1481-E.ZIP	16kb	5/5/00	SF.1481 - Frequency sharing between systems in the fixed service using high-altitude platform stations and satellite systems in the geostationary orbit in the fixed-satellite service in the bands 47.2-47.5 and 47.9-48.2 GHz
1482-E.ZIP	13kb	5/5/00	SF.1482 - Maximum allowable values of power flux-density (pfd) produced at the Earth's surface by non-GSO satellites in the fixed-satellite service (FSS) operating in the 10.7-12.75 GHz band
1483-E.ZIP	18kb	5/5/00	SF.1483 - Maximum allowable values of power flux-density (pfd) produced at the Earth's surface by non-GSO satellites in the fixed-satellite service (FSS) operating in the 17.7-19.3 GHz band
1484-E.ZIP	114kb	5/5/00	SF.1484 - Maximum allowable values of power flux-density at the surface of the Earth produced by non-geostationary satellites in the fixed-satellite service operating in the 37.5-40.5 GHz and 40.5-42.5 GHz bands to protect the fixed service
1485-E.ZIP	111kb	5/5/00	SF.1485 - Determination of the coordination area for earth stations operating with non-geostationary space stations in the fixed-satellite service in frequency bands shared with the fixed service
1486-E.ZIP	29kb	5/5/00	SF.1486 - Sharing methodology between fixed wireless access systems in the fixed service and very small aperture terminals in the fixed-satellite service in the 3 400-3 700 MHz band

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Series SM - *Spectrum management*

Rec filename	Size	Date	Recommendation title
0182-4-E.ZIP	19kb	3/8/92	SM.182-4 - Automatic monitoring of occupancy of the radio-frequency spectrum
0239-2-E.ZIP	5kb	7/1/78	SM.239-2 - Spurious emissions from sound and television broadcast receivers
0326-7-E.ZIP	19kb	11/14/98	SM.326-7 - Determination and measurement of the power of amplitude-modulated radio transmitters

0328-10-E.ZIP	957kb	12/22/99	SM.328-10 - Spectra and bandwidth of emissions
0329-8-E.ZIP	78kb	4/25/00	SM.329-8 - Spurious emissions
0331-4-E.ZIP	28kb	7/1/78	SM.331-4 - Noise and sensitivity of receivers
0332-4-E.ZIP	46kb	7/1/78	SM.332-4 - Selectivity of receivers
0337-4-E.ZIP	27kb	10/24/97	SM.337-4 - Frequency and distance separations
0377-3-E.ZIP	6kb	11/16/93	SM.377-3 - Accuracy of frequency measurements at stations for international monitoring
0378-6-E.ZIP	8kb	10/20/95	SM.378-6 - Field-strength measurements at monitoring stations
0433-5-E.ZIP	6kb	3/8/92	SM.433-5 - Methods for the measurement of radio interference interference and the determination of tolerable levels of interference
0443-2-E.ZIP	7kb	10/20/95	SM.443-2 - Bandwidth measurement at monitoring stations
0575-E.ZIP	6kb	7/1/82	SM.575 - Protection of fixed monitoring stations against radio-frequency interference
0667-E.ZIP	5kb	6/1/90	SM.667 - National spectrum management data
0668-1-E.ZIP	116kb	3/11/97	SM.668-1 - Electronic exchange of information for spectrum management purposes
0669-1-E.ZIP	18kb	11/16/93	SM.669-1 - Protection ratios for spectrum sharing investigations
0851-1-E.ZIP	114kb	4/25/93	SM.851-1 - Sharing between the broadcasting service and the fixed and/or mobile services in the VHF and UHF bands
0852-E.ZIP	5kb	3/8/92	SM.852 - Sensitivity of radio receivers for class of emissions F3E
0853-1-E.ZIP	28kb	10/24/97	SM.853-1 - Necessary bandwidth
0854-E.ZIP	5kb	3/8/92	SM.854 - Direction finding at monitoring stations of signals signals below 30 MHz
0855-1-E.ZIP	5kb	10/24/97	SM.855-1 - Multi-service telecommunication systems
0856-1-E.ZIP	31kb	3/11/97	SM.856-1 - New spectrally efficient techniques and systems
1009-1-E.ZIP	78kb	10/20/95	SM.1009-1 - Compatibility between the sound-broadcasting service in the band of about 87-108 MHz and the aeronautical aeronautical services in the band 108-137 MHz
1045-1-E.ZIP	12kb	7/1/97	SM.1045-1 - Frequency tolerance of transmitters
1046-1-E.ZIP	179kb	10/24/97	SM.1046-1 - Definition of spectrum use and efficiency of a radio system
1047-E.ZIP	5kb	11/16/93	SM.1047 - National spectrum management
1048-E.ZIP	10kb	11/16/93	SM.1048 - Design guidelines for a basic automated spectrum management system (BASMS)
1049-1-E.ZIP	22kb	10/20/95	SM.1049-1 - A method of spectrum management to be used for aiding frequency assignment for terrestrial services in

			border areas
1050-E.ZIP	7kb	11/16/93	SM.1050 - Tasks of a monitoring service
1051-2-E.ZIP	9kb	7/1/97	SM.1051-2 - Priority of identifying and eliminating harmful interference in the band 406-406.1 MHz
1052-E.ZIP	6kb	11/16/93	SM.1052 - Automatic identification of radio stations
1053-E.ZIP	6kb	11/16/93	SM.1053 - Methods of improving HF direction-finding accuracy accuracy at fixed stations
1054-E.ZIP	5kb	11/16/93	SM.1054 - Monitoring of radio emissions from spacecraft at monitoring stations
1055-E.ZIP	54kb	11/16/93	SM.1055 - The use of spread spectrum techniques
1056-E.ZIP	13kb	11/16/93	SM.1056 - Limitation of radiation from industrial, scientific and medical (ISM) equipment
1131-E.ZIP	7kb	10/20/95	SM.1131 - Factors to consider in allocating spectrum on a worldwide basis
1132-1-E.ZIP	21kb	4/25/00	SM.1132-1 - General principles and methods for sharing between radiocommunication services or between radio stations
1133-E.ZIP	24kb	10/20/95	SM.1133 - Spectrum utilization of broadly defined services
1134-E.ZIP	14kb	10/20/95	SM.1134 - Intermodulation interference calculations in the land-mobile service
1135-E.ZIP	8kb	10/20/95	SM.1135 - SINPO and SINPFEMO codes
1138-E.ZIP	17kb	10/20/95	SM.1138 - Determination of necessary bandwidths including examples for their calculation and associated examples for the designation of emissions
1139-E.ZIP	8kb	10/20/95	SM.1139 - International monitoring system
1140-E.ZIP	119kb	10/20/95	SM.1140 - Test procedures for measuring aeronautical receiver characteristics used for determining compatibility between the sound-broadcasting service in the band of about 87-108 MHz and the aeronautical services in the band 108-118 MHz
1235-E.ZIP	118kb	3/11/97	SM.1235 - Performance functions for digital modulation systems in an interference environment
1265-E.ZIP	14kb	7/1/97	SM.1265 - Alternative allocation methods
1266-E.ZIP	10kb	7/1/97	SM.1266 - Adaptive MF/HF systems
1267-E.ZIP	6kb	7/1/97	SM.1267 - Collection and publication of monitoring data to assist frequency assignment for geostationary satellite systems
1268-1-E.ZIP	25kb	1/23/99	SM.1268-1 - Method of measuring the maximum frequency deviation of FM broadcast emissions at monitoring stations
1269-E.ZIP	7kb	7/1/97	SM.1269 - Classification of direction finding bearings
1270-E.ZIP	8kb	7/1/97	SM.1270 - Additional information for monitoring purposes related to classification and designation of emission
			SM.1271 - Efficient spectrum utilization using probabilistic

1271-E.ZIP	46kb	10/24/97	probabilistic methods
1370-E.ZIP	34kb	2/18/98	SM.1370 - Design guidelines for developing advanced automated spectrum management systems (ASMS)
1392-1-E.ZIP	10kb	4/25/00	SM.1392-1 - Essential requirements for a spectrum monitoring monitoring station for developing countries
1393-E.ZIP	10kb	1/23/99	SM.1393 - Common formats for the exchange of information between monitoring stations
1394-E.ZIP	9kb	1/23/99	SM.1394 - Common format for memorandum of understanding between the agreeing countries regarding cooperation in spectrum monitoring matters
1413-E.ZIP	829kb	10/16/99	SM.1413 - Radiocommunication data dictionary
1446-E.ZIP	63kb	4/25/00	SM.1446 - Definition and measurement of intermodulation products in transmitter using frequency, phase, or complex modulation techniques
1447-E.ZIP	11kb	4/25/00	SM.1447 - Monitoring of the radio coverage of land mobile networks to verify compliance with a given licence
1448-E.ZIP	929kb	5/5/00	SM.1448 - Determination of the coordination area around an earth station in the frequency bands between 100 MHz and 105 105 GHz

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Series SNG - *Satellite news gathering*

Rec filename	Size	Date	Recommendation title
0722-1-E.ZIP	10kb	3/8/92	SNG.722-1 - Uniform technical standards (analogue) for Satellite News Gathering (SNG)
0770-1-E.ZIP	19kb	11/16/93	SNG.770-1 - Uniform operational procedures for Satellite News Gathering (SNG)
0771-1-E.ZIP	7kb	4/25/93	SNG.771-1 - Auxiliary coordination satellite circuits for SNG terminals
1007-1-E.ZIP	10kb	10/20/95	SNG.1007-1 - Uniform technical standards (digital) for Satellite News Gathering (SNG)
1070-E.ZIP	6kb	11/16/93	SNG.1070 - An automatic transmitter identification system (ATIS) for analogue-modulation transmissions for Satellite News Gathering and outside broadcasts
1152-E.ZIP	6kb	10/20/95	SNG.1152 - Use of digital transmission techniques for Satellite News Gathering (SNG) (sound)
1421-E.ZIP	78kb	11/30/99	SNG.1421 - Common operating parameters to ensure interoperability for transmission of digital television news gathering

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Series TF - *Time signals and frequency standards emissions*

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0374-5-E.ZIP	6kb	4/22/99	TF.374-5 - Precise frequency and time-signal transmissions
0457-2-E.ZIP	6kb	10/24/97	TF.457-2 - Use of the modified Julian date by the standard-frequency and time-signal services
0458-3-E.ZIP	6kb	2/10/98	TF.458-3 - International comparisons of atomic time scales
0460-5-E.ZIP	19kb	10/24/97	TF.460-5 - Standard-frequency and time-signal emissions
0486-2-E.ZIP	6kb	2/10/98	TF.486-2 - Use of UTC frequency as reference in standard frequency and time signal emissions
0535-2-E.ZIP	5kb	2/10/98	TF.535-2 - Use of the term UTC
0536-1-E.ZIP	5kb	2/10/98	TF.536-1 - Time-scale notations
0538-3-E.ZIP	32kb	11/16/93	TF.538-3 - Measures for random instabilities in frequency and time (phase)
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