

# 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
<a href="#">0600-1-E.ZIP</a>	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
<a href="#">0650-2-E.ZIP</a>	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
<a href="#">0651-E.ZIP</a>	39kb	7/1/86	BO.651 - Digital PCM coding for the emission of high-quality sound signals in satellite broadcasting (15 kHz nominal bandwidth)
<a href="#">0652-1-E.ZIP</a>	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
<a href="#">0712-1-E.ZIP</a>	754kb	3/8/92	BO.712-1 - High-quality sound/data standards for the broadcasting-satellite service in the 12 GHz band
<a href="#">0786-E.ZIP</a>	164kb	3/8/92	BO.786 - MUSEsystem for HDTV broadcasting-satellite services
<a href="#">0787-E.ZIP</a>	89kb	3/8/92	BO.787 - MAC/packet based system for HDTV broadcasting-satellite services
<a href="#">0788-1-E.ZIP</a>	17kb	11/16/93	BO.788-1 - Coding rate for virtually transparent studio quality HDTV emissions in the broadcasting-satellite service
<a href="#">0789-2-E.ZIP</a>	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
<a href="#">0790-E.ZIP</a>	10kb	3/8/92	BO.790 - Characteristics of receiving equipment and calculation of receiver figure-of-merit (G/T) for the broadcasting-satellite service
<a href="#">0791-E.ZIP</a>	148kb	3/8/92	BO.791 - Choice of polarization for the broadcasting-satellite service
<a href="#">0792-E.ZIP</a>	42kb	3/8/92	BO.792 - Interference protection ratios for the broadcasting-satellite service (television) in the 12 GHz band
<a href="#">0793-E.ZIP</a>	99kb	3/8/92	BO.793 - Partitioning of noise between feeder links for the broadcasting-satellite service (BSS) and BSS down links
<a href="#">0794-E.ZIP</a>	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
<a href="#">0795-E.ZIP</a>	78kb	3/8/92	BO.795 - Techniques for alleviating mutual interference between feeder links to the BSS
<a href="#">1211-E.ZIP</a>	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
<a href="#">1212-E.ZIP</a>	73kb	10/20/95	BO.1212 - Calculation of total interference between geostationary-satellite networks in the broadcasting-satellite service
<a href="#">1213-E.ZIP</a>	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
<a href="#">1293-1-E.ZIP</a>	68kb	3/6/00	BO.1293-1 - Protection masks and associated calculation methods for interference into broadcast-satellite systems involving digital emissions
<a href="#">1294-E.ZIP</a>	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
<a href="#">1295-E.ZIP</a>	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
<a href="#">1296-E.ZIP</a>	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
<a href="#">1297-E.ZIP</a>	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
<a href="#">1373-E.ZIP</a>	7kb	11/30/98	BO.1373 - Use of BSS assignments for FSS transmissions
<a href="#">1383-E.ZIP</a>	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
<a href="#">1408-E.ZIP</a>	311kb	10/7/99	BO.1408 - Transmission system for advanced multimedia services provided by integrated services digital broadcasting in a broadcasting-satellite channel
<a href="#">1443-E.ZIP</a>	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
<a href="#">1444-E.ZIP</a>	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
<a href="#">1445-E.ZIP</a>	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
<a href="#">1503-E.ZIP</a>	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))

<a href="#">1504-E.ZIP</a>	58kb	7/14/00	BO.1504 - Effective utilization of spectrum assigned to the broadcasting-satellite service (sound)
<a href="#">1505-E.ZIP</a>	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***

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

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

<a href="#">1441-E.ZIP</a>	33kb	3/6/00	BR.1441 - Compromise scanned area dimensions for television from 35 mm wide-screen films
<a href="#">1442-E.ZIP</a>	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
<a href="#">0048-2-E.ZIP</a>	5kb	7/1/86	BS.48-2 - Choice of frequency for sound-broadcasting in the Tropical Zone
<a href="#">0080-3-E.ZIP</a>	307kb	6/1/90	BS.80-3 - Transmitting antennas in HF broadcasting
<a href="#">0139-3-E.ZIP</a>	8kb	6/1/90	BS.139-3 - Transmitting antennas for sound broadcasting in the Tropical Zone
<a href="#">0215-2-E.ZIP</a>	6kb	7/1/82	BS.215-2 - Maximum transmitter powers for broadcasting in the Tropical Zone
<a href="#">0216-2-E.ZIP</a>	5kb	7/1/82	BS.216-2 - Protection ratio for sound broadcasting in the Tropical Zone
<a href="#">0411-4-E.ZIP</a>	6kb	6/1/90	BS.411-4 - Fading allowances in HF broadcasting
<a href="#">0412-9-E.ZIP</a>	137kb	12/14/98	BS.412-9 - Planning standards for terrestrial FM sound broadcasting at VHF
<a href="#">0415-2-E.ZIP</a>	8kb	7/1/86	BS.415-2 - Minimum performance specifications for low-cost sound-broadcasting receivers
<a href="#">0450-2-E.ZIP</a>	33kb	10/20/95	BS.450-2 - Transmission standards for FM sound broadcasting at VHF
<a href="#">0467-E.ZIP</a>	5kb	7/1/70	BS.467 - Technical characteristics to be checked for frequency-modulation stereophonic broadcasting. Pilot-tone system
<a href="#">0468-4-E.ZIP</a>	169kb	7/1/86	BS.468-4 - Measurement of audio-frequency noise voltage level in sound broadcasting
<a href="#">0498-2-E.ZIP</a>	374kb	6/1/90	BS.498-2 - Ionospheric cross-modulation in the LF and MF broadcasting bands
<a href="#">0559-2-E.ZIP</a>	349kb	6/1/90	BS.559-2 - Objective measurement of radio-frequency protection ratios in LF, MF and HF broadcasting
<a href="#">0560-4-E.ZIP</a>	79kb	10/24/97	BS.560-4 - Radio-frequency protection ratios in LF, MF, and HF broadcasting
<a href="#">0561-2-E.ZIP</a>	9kb	7/1/86	BS.561-2 - Definitions of radiation in LF, MF and HF broadcasting bands
<a href="#">0562-3-E.ZIP</a>	13kb	6/1/90	BS.562-3 - Subjective assessment of sound quality
<a href="#">0597-1-E.ZIP</a>	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-

<a href="#">0598-1-E.ZIP</a>	861kb	6/1/90	modulation sound-broadcasting coverage in band 6 (MF)
<a href="#">0599-E.ZIP</a>	16kb	7/1/82	BS.599 - Directivity of antennas for the reception of sound broadcasting in band 8 (VHF)
<a href="#">0638-E.ZIP</a>	7kb	7/1/86	BS.638 - Terms and definitions used in frequency planning for sound broadcasting
<a href="#">0639-E.ZIP</a>	127kb	7/1/86	BS.639 - Necessary bandwidth of emission in LF, MF and HF broadcasting
<a href="#">0640-3-E.ZIP</a>	6kb	10/24/97	BS.640-3 - Single sideband (SSB) system for HF broadcasting
<a href="#">0641-E.ZIP</a>	64kb	7/1/86	BS.641 - Determination of radio-frequency protection ratios for frequency-modulated sound broadcasting
<a href="#">0642-1-E.ZIP</a>	40kb	6/1/90	BS.642-1 - Limiters for high-quality sound-programme signals
<a href="#">0643-2-E.ZIP</a>	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
<a href="#">0644-1-E.ZIP</a>	101kb	6/1/90	BS.644-1 - Audio quality parameters for the performance of a high-quality sound-programme transmission chain
<a href="#">0645-2-E.ZIP</a>	42kb	3/8/92	BS.645-2 - Test signals and metering to be used on international sound-programme connections
<a href="#">0646-1-E.ZIP</a>	6kb	3/8/92	BS.646-1 - Source encoding for digital sound signals in broadcasting studios
<a href="#">0647-2-E.ZIP</a>	135kb	3/8/92	BS.647-2 - A digital audio interface for broadcasting studios
<a href="#">0702-1-E.ZIP</a>	6kb	3/8/92	BS.702-1 - Synchronization and multiple frequency use per programme in HF broadcasting
<a href="#">0703-E.ZIP</a>	92kb	6/1/90	BS.703 - Characteristics of AM sound broadcasting reference receivers for planning purposes
<a href="#">0704-E.ZIP</a>	9kb	6/1/90	BS.704 - Characteristics of FM sound broadcasting reference receivers for planning purposes
<a href="#">0705-1-E.ZIP</a>	1,401kb	10/20/95	BS.705-1 - HF transmitting and receiving antennas characteristics and diagrams
<a href="#">0706-2-E.ZIP</a>	130kb	2/10/98	BS.706-2 - Data system in monophonic AM sound broadcasting (AMDS)
<a href="#">0707-4-E.ZIP</a>	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
<a href="#">0708-E.ZIP</a>	34kb	6/1/90	BS.708 - Determination of the electro-acoustical properties of studio monitor headphones
<a href="#">0773-E.ZIP</a>	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
<a href="#">0774-2-E.ZIP</a>	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

<a href="#">0775-1-E.ZIP</a>	40kb	11/16/93	BS.775-1 - Multi-channel stereophonic sound system with and without accompanying picture
<a href="#">0776-E.ZIP</a>	68kb	3/8/92	BS.776 - Format for user data channel of the digital audio interface
<a href="#">1114-1-E.ZIP</a>	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
<a href="#">1115-E.ZIP</a>	26kb	11/16/93	BS.1115 - Low bit-rate audio coding
<a href="#">1116-1-E.ZIP</a>	79kb	10/24/97	BS.1116-1 - Methods for the subjective assessment of small impairments in audio systems including multichannel sound systems
<a href="#">1194-2-E.ZIP</a>	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
<a href="#">1195-E.ZIP</a>	387kb	10/20/95	BS.1195 - Transmitting antenna characteristics at VHF and UHF
<a href="#">1196-E.ZIP</a>	194kb	10/20/95	BS.1196 - Audio coding for digital terrestrial television broadcasting
<a href="#">1283-E.ZIP</a>	14kb	10/24/97	BS.1283 - Subjective assessment of sound quality - A guide to existing recommendations
<a href="#">1284-E.ZIP</a>	14kb	10/24/97	BS.1284 - Methods for the subjective assessment of sound quality - General requirements
<a href="#">1285-E.ZIP</a>	9kb	10/24/97	BS.1285 - Pre-selection methods for the subjective assessment of small impairments in audio systems
<a href="#">1286-E.ZIP</a>	28kb	10/24/97	BS.1286 - Methods for the subjective assessment of audio systems with accompanying picture
<a href="#">1348-1-E.ZIP</a>	15kb	2/4/01	BS.1348-1 - Service requirements for digital sound broadcasting at frequencies below 30 MHz
<a href="#">1349-E.ZIP</a>	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
<a href="#">1350-1-E.ZIP</a>	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
<a href="#">1386-E.ZIP</a>	269kb	12/14/98	BS.1386 - LF and MF transmitting antennas characteristics and diagrams
<a href="#">1387-E.ZIP</a>	328kb	12/14/98	BS.1387 - Method for objective measurements of perceived audio quality
<a href="#">1423-E.ZIP</a>	7kb	12/21/99	BS.1423 - Guidelines for producing multichannel soundtracks using surround matrix techniques

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<a href="#">0266-1-E.ZIP</a>	5kb	3/8/92	BT.266-1 - Phase pre-correction of television transmitters
<a href="#">0417-4-E.ZIP</a>	8kb	3/8/92	BT.417-4 - Minimum field strengths for which protection may be sought in planning a television service
<a href="#">0419-3-E.ZIP</a>	30kb	3/8/92	BT.419-3 - Directivity and polarization discrimination of antennas in the reception of television broadcasting
<a href="#">0470-6-E.ZIP</a>	166kb	11/30/98	BT.470-6 - Conventional television systems
<a href="#">0471-1-E.ZIP</a>	44kb	7/1/86	BT.471-1 - Nomenclature and description of colour bar signals
<a href="#">0472-3-E.ZIP</a>	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
<a href="#">0500-10-E.ZIP</a>	179kb	3/6/00	BT.500-10 - Methodology for the subjective assessment of the the quality of television pictures
<a href="#">0565-E.ZIP</a>	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
<a href="#">0601-5-E.ZIP</a>	70kb	10/20/95	BT.601-5 - Studio encoding parameters of digital television for standard 4:3 and wide-screen 16:9 aspect ratios
<a href="#">0653-3-E.ZIP</a>	71kb	2/10/98	BT.653-3 - Teletext systems
<a href="#">0654-E.ZIP</a>	301kb	7/1/86	BT.654 - Subjective quality of television pictures in relation to the main impairments of the analogue composite television signal
<a href="#">0655-6-E.ZIP</a>	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
<a href="#">0656-4-E.ZIP</a>	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)
<a href="#">0709-4-E.ZIP</a>	131kb	3/6/00	BT.709-4 - Parameter values for the HDTV standards for production and international programme exchange
<a href="#">0710-4-E.ZIP</a>	8kb	11/30/98	BT.710-4 - Subjective assessment methods for image quality in high-definition television
<a href="#">0711-1-E.ZIP</a>	7kb	6/1/90	BT.711-1 - Synchronizing reference signals for the component component digital studio
<a href="#">0796-E.ZIP</a>	34kb	3/8/92	BT.796 - Parameters for enhanced compatible coding systems based on 625-line PAL and SECAM television systems
<a href="#">0797-1-E.ZIP</a>	10kb	11/16/93	BT.797-1 - Parameters for 4:3 enhanced television systems that are NTSC-compatible
<a href="#">0798-1-E.ZIP</a>	5kb	11/16/93	BT.798-1 - Digital terrestrial television broadcasting in the VHF/UHF bands
<a href="#">0799-3-E.ZIP</a>	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)



<a href="#">0800-2-E.ZIP</a>	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)
<a href="#">0801-1-E.ZIP</a>	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
<a href="#">0802-1-E.ZIP</a>	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
<a href="#">0803-E.ZIP</a>	8kb	3/8/92	BT.803 - The avoidance of interference generated by digital television studio equipment
<a href="#">0804-E.ZIP</a>	15kb	3/8/92	BT.804 - Characteristics of TV receivers essential for frequency planning with PAL/SECAM/NTSC television systems
<a href="#">0805-E.ZIP</a>	13kb	3/8/92	BT.805 - Assessment of impairment caused to television reception by a wind turbine
<a href="#">0806-E.ZIP</a>	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
<a href="#">0807-E.ZIP</a>	9kb	3/8/92	BT.807 - Reference model for data broadcasting
<a href="#">0808-E.ZIP</a>	24kb	3/8/92	BT.808 - The broadcasting of time and date information in coded form
<a href="#">0809-E.ZIP</a>	15kb	3/8/92	BT.809 - Programme delivery control (PDC) system for video recording
<a href="#">0810-E.ZIP</a>	64kb	3/8/92	BT.810 - Conditional-access broadcasting systems
<a href="#">0811-1-E.ZIP</a>	7kb	11/16/93	BT.811-1 - The subjective assessment of enhanced PAL and SECAM systems
<a href="#">0812-E.ZIP</a>	8kb	3/8/92	BT.812 - Subjective assessment of the quality of alphanumeric and graphic pictures in Teletext and similar services
<a href="#">0813-E.ZIP</a>	14kb	3/8/92	BT.813 - Methods for objective picture quality assessment in relation to impairments from digital coding of television television signals
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<a href="#">0106-2-E.ZIP</a>	15kb	5/25/99	F.106-2 - The use of diversity for voice-frequency telegraphy on HF radio circuits
<a href="#">0162-3-E.ZIP</a>	192kb	3/8/92	F.162-3 - Use of directional transmitting antennas in the fixed service operating in bands below about 30 MHz

<a href="#">0240-6-E.ZIP</a>	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
<a href="#">0246-3-E.ZIP</a>	8kb	7/1/74	F.246-3 - Frequency-shift keying
<a href="#">0268-1-E.ZIP</a>	5kb	7/1/70	F.268-1 - Interconnection at audio frequencies of radio-relay systems for telephony
<a href="#">0270-2-E.ZIP</a>	5kb	7/1/78	F.270-2 - Interconnection at video signal frequencies of radio-relay systems for television
<a href="#">0275-3-E.ZIP</a>	70kb	7/1/82	F.275-3 - Pre-emphasis characteristic for frequency modulation radio-relay systems for telephony using frequency-division multiplex
<a href="#">0276-2-E.ZIP</a>	5kb	7/1/74	F.276-2 - Frequency deviation and the sense of modulation for analogue radio-relay systems for television
<a href="#">0283-5-E.ZIP</a>	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
<a href="#">0290-3-E.ZIP</a>	6kb	7/1/78	F.290-3 - Maintenance measurements on radio-relay systems for telephony using frequency-division multiplex
<a href="#">0302-3-E.ZIP</a>	8kb	5/28/97	F.302-3 - Limitation of interference from trans-horizon radio-relay systems
<a href="#">0305-E.ZIP</a>	5kb	7/1/59	F.305 - Stand-by arrangements for radio-relay systems for television and telephony
<a href="#">0306-E.ZIP</a>	5kb	7/1/59	F.306 - Procedure for the international connection of radio-relay systems with different characteristics
<a href="#">0338-2-E.ZIP</a>	6kb	7/1/70	F.338-2 - Bandwidth required at the output of a telegraph or telephone receiver
<a href="#">0339-6-E.ZIP</a>	14kb	7/1/86	F.339-6 - Bandwidths, signal-to-noise ratios and fading allowances in complete systems
<a href="#">0342-2-E.ZIP</a>	131kb	7/1/70	F.342-2 - Automatic error-correcting system for telegraph signals transmitted over radio circuits
<a href="#">0345-E.ZIP</a>	8kb	7/1/63	F.345 - Telegraph distortion
<a href="#">0347-E.ZIP</a>	20kb	7/1/63	F.347 - Classification of multi-channel radiotelegraph systems for long-range circuits operating at frequencies below about 30 MHz and the designation of the channels in these systems
<a href="#">0348-4-E.ZIP</a>	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
<a href="#">0349-5-E.ZIP</a>	8kb	5/25/99	F.349-5 - Frequency stability required for systems operating in the HF fixed service to make the use of automatic frequency control superfluous
<a href="#">0380-4-E.ZIP</a>	50kb	7/1/86	F.380-4 - Interconnection at baseband frequencies of radio-relay systems for telephony using frequency-division multiplex
<a href="#">0381-2-E.ZIP</a>	8kb	7/1/70	F.381-2 - Conditions relating to line regulating and other pilots and to limits for the residues of signals outside the baseband in the interconnection of radio-relay and line systems for telephony

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<a href="#">0389-2-E.ZIP</a>	35kb	7/1/74	F.389-2 - Preferred characteristics of auxiliary radio-relay systems operating in the 2, 4, 6 or 11 GHz bands
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<a href="#">1094-1-E.ZIP</a>	20kb	10/20/95	F.1094-1 - Maximum allowable error performance and availability degradations to digital radio-relay systems arising from interference from emissions and radiations from other sources
<a href="#">1095-E.ZIP</a>	23kb	11/16/93	F.1095 - A procedure for determining coordination area between radio-relay stations of the fixed service
<a href="#">1096-E.ZIP</a>	47kb	11/16/93	F.1096 - Methods of calculating line-of-sight interference into radio-relay systems to account for terrain scattering
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<a href="#">1189-1-E.ZIP</a>	11kb	9/30/97	F.1189-1 - Error performance objectives for constant bit rate digital paths at or above the primary rate carried by digital radio-relay systems which may form part or all of the national portion of a 27 500 km hypothetical reference path
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			the international portion of a 27 500 km hypothetical reference path
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<a href="#">1499-E.ZIP</a>	116kb	5/5/00	F.1499 - Radio transmission systems for fixed broadband wireless access based on cable modem standard
<a href="#">1500-E.ZIP</a>	124kb	5/5/00	F.1500 - Preferred characteristics of systems in the fixed service using high altitude platforms operating in the bands 47.2-47.5 GHz and 47.9-48.2 GHz
<a href="#">1501-E.ZIP</a>	27kb	5/5/00	F.1501 - Coordination distance for systems in the fixed service (FS) involving high-altitude platform stations (HAPSS) sharing the frequency bands 47.2-47.5 GHz and 47.9-48.2 GHz with other systems in the fixed service
<a href="#">1502-E.ZIP</a>	8kb	5/5/00	F.1502 - Protection of the fixed service in the frequency band 8 025-8 400 MHz sharing with geostationary-satellite systems of the Earth exploration-satellite service (space-to-Earth)

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## Series IS - *Inter-service sharing and compatibility*

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## Series M - *Mobile, radiodetermination, amateur and related satellite services*

Rec filename	Size	Date	Recommendation title
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Rec filename	Size	Date	Recommendation title
<a href="#">0218-2-E.ZIP</a>	7kb	6/1/90	M.218-2 - Prevention of interference to radio reception on board ships
<a href="#">0219-1-E.ZIP</a>	7kb	7/1/66	M.219-1 - Alarm signal for use on the maritime radiotelephony distress frequency of 2 182 kHz
<a href="#">0257-3-E.ZIP</a>	17kb	10/20/95	M.257-3 - Sequential Single Frequency selective-calling system for use in the maritime mobile service
<a href="#">0428-3-E.ZIP</a>	8kb	6/1/90	M.428-3 - Direction-finding and/or homing in the 2 MHz band on board ships
<a href="#">0441-1-E.ZIP</a>	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
<a href="#">0476-5-E.ZIP</a>	63kb	10/20/95	M.476-5 - Direct-printing telegraph equipment in the maritime mobile service
<a href="#">0478-5-E.ZIP</a>	15kb	10/20/95	M.478-5 - Technical characteristics of equipment and principles governing the allocation of frequency channels between 25 and 3 000 MHz for the FM land mobile service
<a href="#">0488-1-E.ZIP</a>	8kb	6/1/90	M.488-1 - Equivalent powers of double-sideband and single-sideband radiotelephone emissions in the maritime mobile service
<a href="#">0489-2-E.ZIP</a>	7kb	10/20/95	M.489-2 - Technical characteristics of VHF radiotelephone equipment operating in the maritime mobile service in channels spaced by 25 kHz
<a href="#">0490-E.ZIP</a>	5kb	7/1/74	M.490 - The introduction of direct-printing telegraph equipment in the maritime mobile service. Equivalence of terms
<a href="#">0491-1-E.ZIP</a>	9kb	7/1/86	M.491-1 - Translation between an identity number and identities for direct-printing telegraphy in the maritime mobile service
<a href="#">0492-6-E.ZIP</a>	21kb	10/20/95	M.492-6 - Operational procedures for the use of direct-printing telegraph equipment in the maritime mobile service
<a href="#">0493-10-e.zip</a>	77kb	5/5/00	M.493-10 - Digital selective-calling system for use in the maritime mobile service
<a href="#">0496-3-E.ZIP</a>	7kb	3/8/92	M.496-3 - Limits of power flux-density of radionavigation transmitters to protect space station receivers in the fixed-satellite service in the 14 GHz band
<a href="#">0539-3-E.ZIP</a>	46kb	11/16/93	M.539-3 - Technical and operational characteristics of international radio-paging systems
<a href="#">0540-2-E.ZIP</a>	28kb	6/1/90	M.540-2 - Operational and technical characteristics for an automated direct-printing telegraph system for promulgation of navigational and meteorological warnings and urgent information to ships
<a href="#">0541-8-E.ZIP</a>	143kb	10/24/97	M.541-8 - Operational procedures for the use of digital selective-calling equipment in the maritime mobile service
<a href="#">0542-1-E.ZIP</a>	5kb	7/1/82	M.542-1 - On-board communications by means of portable radiotelephone equipment
			M.546-2 - Hypothetical telephone reference circuit in the

<a href="#">0546-2-E.ZIP</a>	57kb	6/1/90	aeronautical, land and maritime mobile-satellite services
<a href="#">0547-E.ZIP</a>	30kb	7/1/78	M.547 - Noise objectives in the hypothetical reference circuit for systems in the maritime mobile-satellite service
<a href="#">0548-E.ZIP</a>	106kb	7/1/78	M.548 - Overall transmission characteristics of telephone circuits in the maritime mobile-satellite service
<a href="#">0549-1-E.ZIP</a>	5kb	7/1/82	M.549-1 - Side tone reference equivalent of handset used on board a ship in the maritime mobile-satellite service and in automated VHF/UHF maritime mobile radiotelephone systems
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<a href="#">0630-E.ZIP</a>	8kb	7/1/86	M.630 - Main characteristics of two frequency shipborne interrogator transponders (SIT)
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<a href="#">1077-E.ZIP</a>	8kb	11/16/93	M.1077 - Multi-transmitter radio systems using quasi-synchronous (simulcast) transmission for analogue speech
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<a href="#">1084-3-E.ZIP</a>	24kb	10/31/98	M.1084-3 - Interim solutions for improved efficiency in the use of the band 156-174 MHz by stations in the maritime mobile service
<a href="#">1085-1-E.ZIP</a>	35kb	2/28/97	M.1085-1 - Technical and operational characteristics of wind profiler radars for bands in the vicinity of 400 MHz
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<a href="#">1142-1-E.ZIP</a>	14kb	10/24/97	M.1142-1 - Sharing in the 1-3 GHz frequency range between geostationary space stations operating in the mobile-satellite service and the fixed service
<a href="#">1143-1-E.ZIP</a>	39kb	10/24/97	M.1143-1 - System specific methodology for coordination of non-geostationary space stations (space-to-Earth) operating in the mobile-satellite service with the fixed service
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<a href="#">1168-E.ZIP</a>	56kb	10/20/95	M.1168 - Framework of International Mobile Telecommunications-2000 (IMT-2000)
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<a href="#">1173-E.ZIP</a>	7kb	10/20/95	M.1173 - Technical characteristics of single-sideband transmitters used in the maritime mobile service for radiotelephony in the bands between 1 606.5 kHz (1 605 kHz Region 2) and 4 000 kHz and between 4 000 kHz and 27 500 kHz
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			aeronautical mobile-satellite (R) services (AMS(R)S)
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<a href="#">1183-E.ZIP</a>	7kb	10/20/95	M.1183 - Permissible levels of interference in a digital channel of a geostationary network in mobile-satellite service in 1-3 GHz caused by other networks of this service and fixed-satellite service
<a href="#">1184-1-E.ZIP</a>	52kb	5/5/00	M.1184-1 - Technical characteristics of mobile satellite systems in the frequency bands below 3 GHz for use in developing criteria for sharing between the mobile-satellite service (MSS) and other services
<a href="#">1185-1-E.ZIP</a>	13kb	10/24/97	M.1185-1 - Method for determining coordination distance between ground based mobile earth stations and terrestrial stations operating in the 148.0-149.9 MHz band
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<a href="#">1224-E.ZIP</a>	43kb	2/28/97	M.1224 - Vocabulary of terms for International Mobile Telecommunications-2000 (IMT-2000)
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<a href="#">1226-E.ZIP</a>	9kb	2/28/97	M.1226 - Technical and operational characteristics of wind profiler radars in bands in the vicinity of 50 MHz
<a href="#">1227-1-E.ZIP</a>	21kb	5/5/00	M.1227-1 - Technical and operational characteristics of wind profiler radars in bands in the vicinity of 1000 MHz
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<a href="#">1229-E.ZIP</a>	7kb	2/28/97	M.1229 - Performance objectives for the digital aeronautical mobile-satellite service (AMSS) channels operating in the bands 1 525 to 1 559 MHz and 1 626.5 to 1 660.5 MHz not forming part of the ISDN

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			M.1473 - Methodology to evaluate the impact of interference from time division multiple access/frequency division multiple access (TDMA/FDMA) mobile-satellite

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<a href="#">1479-E.ZIP</a>	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
<a href="#">1480-E.ZIP</a>	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

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<a href="#">0341-5-E.ZIP</a>	24kb	10/15/99	P.341-5 - The concept of transmission loss for radio links
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			range from 30 MHz to 1 000 MHz. Broadcasting services
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<a href="#">0529-3-E.ZIP</a>	94kb	10/15/99	P.529-3 - Prediction methods for the terrestrial land mobile service in the VHF and UHF bands
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<a href="#">0617-1-E.ZIP</a>	80kb	3/8/92	P.617-1 - Propagation prediction techniques and data required for the design of trans-horizon radio-relay systems
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<a href="#">0769-1-E.ZIP</a>	20kb	10/20/95	RA.769-1 - Protection criteria used for radioastronomical measurements
<a href="#">1031-1-E.ZIP</a>	14kb	10/20/95	RA.1031-1 - Protection of the radioastronomy service in frequency bands shared with other services
<a href="#">1237-E.ZIP</a>	14kb	2/18/97	RA.1237 - Protection of the radio astronomy service from unwanted emissions resulting from applications of wideband digital modulation
<a href="#">1272-E.ZIP</a>	6kb	10/24/97	RA.1272 - Protection of radio astronomy measurements above 60 GHz from ground based interference
<a href="#">1417-E.ZIP</a>	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

Rec filename	Size	Date	Recommendation title
<a href="#">0352-4-E.ZIP</a>	21kb	7/1/82	S.352-4 - Hypothetical reference circuit for systems using analogue transmission in the fixed-satellite service
<a href="#">0353-8-E.ZIP</a>	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
<a href="#">0354-2-E.ZIP</a>	6kb	7/1/74	S.354-2 - Video bandwidth and permissible noise level in the hypothetical reference circuit for the fixed-satellite service
<a href="#">0446-4-E.ZIP</a>	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
<a href="#">0464-2-E.ZIP</a>	111kb	3/8/92	S.464-2 - Pre-emphasis characteristics for frequency-modulation systems for frequency-division multiplex telephony in the fixed-satellite service
<a href="#">0465-5-E.ZIP</a>	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
<a href="#">0466-6-E.ZIP</a>	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
<a href="#">0481-2-E.ZIP</a>	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
<a href="#">0482-2-E.ZIP</a>	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
<a href="#">0483-3-E.ZIP</a>	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
<a href="#">0484-3-E.ZIP</a>	7kb	3/8/92	S.484-3 - Station-keeping in longitude of geostationary satellites in the fixed-satellite service
<a href="#">0521-4-E.ZIP</a>	40kb	1/4/00	S.521-4 - Hypothetical reference digital paths for systems using digital transmission in the fixed-satellite service
<a href="#">0522-5-E.ZIP</a>	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
<a href="#">0523-4-E.ZIP</a>	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
<a href="#">0579-4-E.ZIP</a>	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
<a href="#">0580-5-E.ZIP</a>	14kb	11/16/93	S.580-5 - Radiation diagrams for use as design objectives for antennas of earth stations operating with geostationary satellites
<a href="#">0614-3-E.ZIP</a>	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
<a href="#">0670-1-E.ZIP</a>	16kb	3/8/92	S.670-1 - Flexibility in the positioning of satellites as a design objective
<a href="#">0671-3-E.ZIP</a>	47kb	11/16/93	S.671-3 - Necessary protection ratios for narrow-band single channel-per-carrier transmissions interfered with by analogue television carriers
<a href="#">0672-4-E.ZIP</a>	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
<a href="#">0673-E.ZIP</a>	8kb	6/1/90	S.673 - Terms and definitions relating to space radiocommunications
<a href="#">0725-E.ZIP</a>	6kb	3/8/92	S.725 - Technical characteristics for very small aperture terminals (VSATs)
<a href="#">0726-1-E.ZIP</a>	8kb	4/25/93	S.726-1 - Maximum permissible level of spurious emissions from very small aperture terminals (VSATs)
			S.727 - Cross-polarization isolation from very small

<a href="#">0727-E.ZIP</a>	5kb	3/8/92	aperture terminals (VSATs)
<a href="#">0728-1-E.ZIP</a>	15kb	10/20/95	S.728-1 - Maximum permissible level of off-axis e.i.r.p. density from very small aperture terminals (VSATs)
<a href="#">0729-E.ZIP</a>	6kb	3/8/92	S.729 - Control and monitoring function of very small aperture terminals (VSATs)
<a href="#">0730-E.ZIP</a>	21kb	3/8/92	S.730 - Compensation of the effects of switching discontinuities for voice band data and of Doppler frequency-shifts in the fixed-satellite service
<a href="#">0731-E.ZIP</a>	463kb	3/8/92	S.731 - Reference earth-station cross-polarized radiation pattern for use in frequency coordination and interference assessment in the frequency range from 2 to about 30 GHz
<a href="#">0732-E.ZIP</a>	49kb	3/8/92	S.732 - Method for statistical processing of earth-station antenna side-lobe peaks
<a href="#">0733-2-E.ZIP</a>	72kb	1/4/00	S.733-2 - Determination of the G/T ratio for Earth stations operating in the fixed-satellite service
<a href="#">0734-E.ZIP</a>	155kb	3/8/92	S.734 - The application of interference cancellers in the fixed-satellite service
<a href="#">0735-1-E.ZIP</a>	24kb	4/25/93	S.735-1 - Maximum permissible levels of interference in a geostationary-satellite network for an HRDP when forming part of the ISDN in the fixed-satellite service caused by other networks of this service below 15 GHz
<a href="#">0736-3-E.ZIP</a>	84kb	5/28/97	S.736-3 - Estimation of polarization discrimination in calculations of interference between geostationary-satellite networks in the fixed-satellite service
<a href="#">0737-E.ZIP</a>	35kb	3/8/92	S.737 - Relationship of technical coordination methods within the fixed-satellite service
<a href="#">0738-E.ZIP</a>	146kb	3/8/92	S.738 - Procedure for determining if coordination is required between geostationary-satellite networks sharing the same frequency bands
<a href="#">0739-E.ZIP</a>	24kb	3/8/92	S.739 - Additional methods for determining if detailed coordination is necessary between geostationary-satellite networks in the fixed-satellite service sharing the same frequency bands
<a href="#">0740-E.ZIP</a>	367kb	3/8/92	S.740 - Technical coordination methods for fixed-satellite networks
<a href="#">0741-2-E.ZIP</a>	12kb	11/16/93	S.741-2 - Carrier-to-interference calculations between networks in the fixed- satellite service
<a href="#">0742-1-E.ZIP</a>	20kb	4/25/93	S.742-1 - Spectrum utilization methodologies
<a href="#">0743-1-E.ZIP</a>	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
<a href="#">0744-E.ZIP</a>	10kb	3/8/92	S.744 - Orbit/spectrum improvement measures for satellite networks having more than one service in one or more frequency bands
<a href="#">1001-E.ZIP</a>	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

<a href="#">1002-E.ZIP</a>	53kb	4/25/93	S.1002 - Orbit management techniques for the fixed-satellite service
<a href="#">1003-E.ZIP</a>	67kb	4/25/93	S.1003 - Environmental protection of the geostationary orbit
<a href="#">1061-E.ZIP</a>	95kb	11/16/93	S.1061 - Utilization of fade countermeasures strategies and techniques in the fixed-satellite service
<a href="#">1062-2-E.ZIP</a>	57kb	11/30/99	S.1062-2 - Allowable error performance for a hypothetical reference digital path operating at or above the primary rate
<a href="#">1063-E.ZIP</a>	17kb	11/16/93	S.1063 - Criteria for sharing between BSS feeder links and other Earth-to-space or space-to-Earth links on the FSS
<a href="#">1064-1-E.ZIP</a>	6kb	10/20/95	S.1064-1 - Pointing accuracy as a design objective for earthward antennas on board geostationary satellites in the FSS
<a href="#">1065-E.ZIP</a>	6kb	11/16/93	S.1065 - Power flux-density values to facilitate the application of RR Article 14 for the FSS in Region 2 in relation to the BSS in the band 11.7-12.2 GHz
<a href="#">1066-E.ZIP</a>	40kb	11/16/93	S.1066 - Ways of reducing the interference from the broadcasting-satellite service of one Region into the fixed-satellite service of another Region around 12 GHz
<a href="#">1067-E.ZIP</a>	79kb	11/16/93	S.1067 - Ways of reducing the interference from the broadcasting-satellite service into the fixed-satellite service in adjacent frequency bands around 12 GHz
<a href="#">1068-E.ZIP</a>	79kb	11/16/93	S.1068 - Fixed-satellite and radiolocation/radionavigation services sharing in the band 13.75-14 GHz
<a href="#">1069-E.ZIP</a>	12kb	11/16/93	S.1069 - Compatibility between the fixed-satellite service and the space science services in the band 13.75-14 GHz
<a href="#">1149-1-E.ZIP</a>	262kb	5/28/97	S.1149-1 - Network architecture and equipment functional aspects of digital satellite systems in the fixed-satellite service forming part of synchronous digital hierarchy transport networks
<a href="#">1150-E.ZIP</a>	6kb	10/20/95	S.1150 - Technical criteria to be used in examinations relating to the probability of harmful interference between frequency assignments in the FSS as required in No. 1506 of the Radio Regulations
<a href="#">1151-E.ZIP</a>	19kb	10/20/95	S.1151 - Sharing between the inter-satellite service involving geostationary satellites in the fixed-satellite service and the radionavigation service at 33 GHz
<a href="#">1250-E.ZIP</a>	125kb	5/28/97	S.1250 - Network management architecture for digital satellite systems forming part of SDH transport networks in the fixed-satellite service
<a href="#">1251-E.ZIP</a>	41kb	7/1/97	S.1251 - Network management - Performance management object class definitions for satellite systems network elements forming part of SFH transport networks in the fixed-satellite service
<a href="#">1252-E.ZIP</a>	26kb	5/28/97	S.1252 - Network management - Payload configuration object class definitions for satellite system network elements forming part of SDH transport networks in the fixed-satellite service
<a href="#">1253-E.ZIP</a>	6kb	5/28/97	S.1253 - Technical options to facilitate coordination of fixed-satellite service networks in certain orbital arc

			segments and frequency bands
<a href="#">1254-E.ZIP</a>	6kb	5/28/97	S.1254 - Best practices to facilitate the coordination process of fixed-satellite service satellite networks
<a href="#">1255-E.ZIP</a>	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
<a href="#">1256-E.ZIP</a>	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
<a href="#">1323-1-E.ZIP</a>	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
<a href="#">1324-E.ZIP</a>	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
<a href="#">1325-1-E.ZIP</a>	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
<a href="#">1326-E.ZIP</a>	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
<a href="#">1327-E.ZIP</a>	69kb	9/18/97	S.1327 - Requirements and suitable bands for operation of the inter-satellite service within the range 50.2-71 GHz
<a href="#">1329-E.ZIP</a>	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
<a href="#">1339-1-E.ZIP</a>	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
<a href="#">1340-E.ZIP</a>	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
<a href="#">1341-E.ZIP</a>	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
<a href="#">1342-E.ZIP</a>	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-

<a href="#">1418-E.ZIP</a>	23kb	11/30/99	interference ratios for links in inter-satellite service using geostationary orbit
<a href="#">1419-E.ZIP</a>	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
<a href="#">1420-E.ZIP</a>	125kb	11/30/99	S.1420 - Performance for broadband integrated services digital network asynchronous transfer mode via satellite
<a href="#">1424-E.ZIP</a>	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
<a href="#">1425-E.ZIP</a>	55kb	1/4/00	S.1425 - Transmission considerations for digital carriers using higher levels of modulation on satellite circuits
<a href="#">1426-E.ZIP</a>	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)
<a href="#">1427-E.ZIP</a>	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
<a href="#">1429-E.ZIP</a>	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
<a href="#">1430-E.ZIP</a>	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
<a href="#">1431-E.ZIP</a>	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
<a href="#">1432-E.ZIP</a>	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
<a href="#">1433-E.ZIP</a>	12kb	1/4/00	S.1433 - Uplink and inter-satellite equivalent power flux-density radiated by non-GSO FSS Systems
<a href="#">1503-E.ZIP</a>	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
<a href="#">0363-5-E.ZIP</a>	19kb	11/16/93	SA.363-5 - Space operation systems. Frequencies, bandwidths and protection criteria
<a href="#">0364-5-E.ZIP</a>	327kb	3/8/92	SA.364-5 - Preferred frequencies and bandwidths for manned and unmanned near-Earth research satellites
<a href="#">0509-2-E.ZIP</a>	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
<a href="#">0510-2-E.ZIP</a>	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
<a href="#">0514-3-E.ZIP</a>	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
<a href="#">0515-3-E.ZIP</a>	22kb	6/26/97	SA.515-3 - Frequency bands and bandwidths used for satellite passive sensing
<a href="#">0516-1-E.ZIP</a>	5kb	11/16/93	SA.516-1 - Feasibility of sharing between active sensors used on Earth exploration and meteorological satellites and the radiolocation service
<a href="#">0577-5-E.ZIP</a>	15kb	6/26/97	SA.577-5 - Preferred frequencies and necessary bandwidths for spaceborne active remote sensors
<a href="#">0609-1-E.ZIP</a>	9kb	3/8/92	SA.609-1 - Protection criteria for telecommunication links for manned and unmanned near-Earth research satellites
<a href="#">1012-E.ZIP</a>	99kb	11/16/93	SA.1012 - Preferred frequency bands for deep-space research in the 1-40 GHz range
<a href="#">1013-E.ZIP</a>	31kb	11/16/93	SA.1013 - Preferred frequency bands for deep-space research in the 40-120 GHz range
<a href="#">1014-E.ZIP</a>	18kb	11/16/93	SA.1014 - Telecommunication requirements for manned and unmanned deep-space research
<a href="#">1015-E.ZIP</a>	9kb	11/16/93	SA.1015 - Bandwidth requirements for deep-space research
<a href="#">1016-E.ZIP</a>	29kb	11/16/93	SA.1016 - Sharing considerations relating to deep-space research
<a href="#">1017-E.ZIP</a>	36kb	11/16/93	SA.1017 - Preferred method for calculating link performance in the space research service
<a href="#">1018-E.ZIP</a>	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
<a href="#">1019-E.ZIP</a>	6kb	11/16/93	SA.1019 - Preferred frequency bands and transmission directions for data relay satellite systems
<a href="#">1020-E.ZIP</a>	11kb	11/16/93	SA.1020 - Hypothetical reference system for the Earth exploration-satellite and meteorological satellite services
<a href="#">1021-E.ZIP</a>	7kb	11/16/93	SA.1021 - Methodology for determining performance objectives for systems in the Earth exploration-satellite and meteorological-satellite services
<a href="#">1022-1-E.ZIP</a>	15kb	10/26/99	SA.1022-1 - Methodology for determining interference criteria for systems in the Earth exploration-satellite and

			meteorological-satellite services
<a href="#">1023-E.ZIP</a>	8kb	11/16/93	SA.1023 - Methodology for determining sharing and coordination criteria for systems in the Earth exploration-satellite and meteorological-satellite services
<a href="#">1024-1-E.ZIP</a>	5kb	6/26/97	SA.1024-1 - Necessary bandwidths and preferred frequency bands for data transmission from Earth exploration satellites (not including meteorological satellites)
<a href="#">1025-3-E.ZIP</a>	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
<a href="#">1026-3-E.ZIP</a>	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
<a href="#">1027-3-E.ZIP</a>	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
<a href="#">1028-1-E.ZIP</a>	8kb	6/26/97	SA.1028-1 - Performance criteria for satellite passive remote sensing
<a href="#">1029-1-E.ZIP</a>	9kb	6/26/97	SA.1029-1 - Interference criteria for satellite passive remote sensing
<a href="#">1030-E.ZIP</a>	11kb	11/16/93	SA.1030 - Telecommunication requirements of satellite systems for geodesy and geodynamics
<a href="#">1071-E.ZIP</a>	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
<a href="#">1154-E.ZIP</a>	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
<a href="#">1155-E.ZIP</a>	95kb	10/20/95	SA.1155 - Protection criteria related to the operation of data relay satellite systems
<a href="#">1156-E.ZIP</a>	34kb	10/20/95	SA.1156 - Methods of calculating low-orbit satellite visibility statistics
<a href="#">1157-E.ZIP</a>	53kb	10/20/95	SA.1157 - Protection criteria for deep-space research
<a href="#">1158-2-E.ZIP</a>	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)
<a href="#">1159-2-E.ZIP</a>	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
<a href="#">1160-2-E.ZIP</a>	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
<a href="#">1161-1-E.ZIP</a>	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
<a href="#">1162-1-E.ZIP</a>	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
<a href="#">1163-2-E.ZIP</a>	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
<a href="#">1164-2-E.ZIP</a>	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
<a href="#">1165-1-E.ZIP</a>	32kb	6/26/97	SA.1165-1 - Technical characteristics and performance criteria for radiosonde systems in the meteorological aids service
<a href="#">1166-2-E.ZIP</a>	27kb	10/26/99	SA.1166-2 - Performance and interference criteria for active spaceborne sensors
<a href="#">1236-E.ZIP</a>	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
<a href="#">1258-1-E.ZIP</a>	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
<a href="#">1259-E.ZIP</a>	69kb	6/26/97	SA.1259 - Feasibility of sharing between spaceborne passive sensors and the fixed service from 50 to 60 GHz
<a href="#">1260-E.ZIP</a>	6kb	6/26/97	SA.1260 - Feasibility of sharing between active spaceborne sensors and other services in the vicinity of 410-470 MHz
<a href="#">1261-E.ZIP</a>	7kb	6/26/97	SA.1261 - Feasibility of sharing between spaceborne cloud radars and other services in the range of 92-95 GHz
<a href="#">1262-E.ZIP</a>	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
<a href="#">1263-E.ZIP</a>	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
<a href="#">1264-E.ZIP</a>	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
<a href="#">1273-E.ZIP</a>	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
<a href="#">1274-E.ZIP</a>	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
<a href="#">1275-E.ZIP</a>	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
<a href="#">1276-E.ZIP</a>	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

<a href="#">1277-E.ZIP</a>	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
<a href="#">1278-E.ZIP</a>	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
<a href="#">1279-E.ZIP</a>	56kb	10/24/97	SA.1279 - Spectrum sharing between spaceborne passive sensors and inter-satellite links in the range 50.2-59.3 GHz
<a href="#">1280-E.ZIP</a>	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
<a href="#">1281-E.ZIP</a>	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
<a href="#">1282-E.ZIP</a>	6kb	10/24/97	SA.1282 - Feasibility of sharing between wind profiler radars and active spaceborne sensors in the vicinity of 1 260 MHz
<a href="#">1344-E.ZIP</a>	37kb	2/10/98	SA.1344 - Preferred frequency bands and bandwidths for the transmission of space VLBI data
<a href="#">1345-E.ZIP</a>	280kb	2/10/98	SA.1345 - Methods for predicting radiation patterns of large antennas used for space research and radio astronomy
<a href="#">1346-E.ZIP</a>	15kb	2/10/98	SA.1346 - Sharing between the meteorological aids service and medicalI implant communication systems (MICS) operating in the mobile service in the frequency band 401-406 MHz
<a href="#">1347-E.ZIP</a>	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
<a href="#">1396-E.ZIP</a>	8kb	4/22/99	SA.1396 - Protection criteria for the space research service in the 37-38 and 40-40.5 GHz bands
<a href="#">1414-E.ZIP</a>	19kb	10/26/99	SA.1414 - Characteristics of data relay satellite systems
<a href="#">1415-E.ZIP</a>	7kb	10/26/99	SA.1415 - Sharing between inter-satellite service systems in the frequency band 25.25-27.5 GHz
<a href="#">1416-E.ZIP</a>	313kb	10/26/99	SA.1416 - Sharing between spaceborne passive sensors and the inter-satellite service operating near 118 and 183 GHz
<a href="#">1449-E.ZIP</a>	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
<a href="#">0355-4-E.ZIP</a>	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
<a href="#">0356-4-E.ZIP</a>	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
<a href="#">0357-4-E.ZIP</a>	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
<a href="#">0358-5-E.ZIP</a>	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
<a href="#">0406-8-E.ZIP</a>	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
<a href="#">0558-2-E.ZIP</a>	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
<a href="#">0615-1-E.ZIP</a>	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
<a href="#">0674-1-E.ZIP</a>	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
<a href="#">0675-3-E.ZIP</a>	45kb	11/16/93	SF.675-3 - Calculation of the maximum power density (averaged over 4 kHz) of an angle-modulated carrier
<a href="#">0765-E.ZIP</a>	125kb	3/8/92	SF.765 - Intersection of radio-relay antenna beams with orbits used by space stations in the fixed-satellite service
<a href="#">0766-E.ZIP</a>	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
<a href="#">1004-E.ZIP</a>	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
<a href="#">1005-E.ZIP</a>	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
<a href="#">1006-E.ZIP</a>	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

<a href="#">1008-1-E.ZIP</a>	309kb	10/20/95	to the geostationary-satellite orbit in bands shared with the fixed service
<a href="#">1193-E.ZIP</a>	6kb	10/20/95	SF.1193 - Carrier-to-interference calculations between earth stations in the fixed-satellite service and radio-relay systems
<a href="#">1320-E.ZIP</a>	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
<a href="#">1395-E.ZIP</a>	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
<a href="#">1481-E.ZIP</a>	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
<a href="#">1482-E.ZIP</a>	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
<a href="#">1483-E.ZIP</a>	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
<a href="#">1484-E.ZIP</a>	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
<a href="#">1485-E.ZIP</a>	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
<a href="#">1486-E.ZIP</a>	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
<a href="#">0182-4-E.ZIP</a>	19kb	3/8/92	SM.182-4 - Automatic monitoring of occupancy of the radio-frequency spectrum
<a href="#">0239-2-E.ZIP</a>	5kb	7/1/78	SM.239-2 - Spurious emissions from sound and television broadcast receivers
<a href="#">0326-7-E.ZIP</a>	19kb	11/14/98	SM.326-7 - Determination and measurement of the power of amplitude-modulated radio transmitters

<a href="#">0328-10-E.ZIP</a>	957kb	12/22/99	SM.328-10 - Spectra and bandwidth of emissions
<a href="#">0329-8-E.ZIP</a>	78kb	4/25/00	SM.329-8 - Spurious emissions
<a href="#">0331-4-E.ZIP</a>	28kb	7/1/78	SM.331-4 - Noise and sensitivity of receivers
<a href="#">0332-4-E.ZIP</a>	46kb	7/1/78	SM.332-4 - Selectivity of receivers
<a href="#">0337-4-E.ZIP</a>	27kb	10/24/97	SM.337-4 - Frequency and distance separations
<a href="#">0377-3-E.ZIP</a>	6kb	11/16/93	SM.377-3 - Accuracy of frequency measurements at stations for international monitoring
<a href="#">0378-6-E.ZIP</a>	8kb	10/20/95	SM.378-6 - Field-strength measurements at monitoring stations
<a href="#">0433-5-E.ZIP</a>	6kb	3/8/92	SM.433-5 - Methods for the measurement of radio interference interference and the determination of tolerable levels of interference
<a href="#">0443-2-E.ZIP</a>	7kb	10/20/95	SM.443-2 - Bandwidth measurement at monitoring stations
<a href="#">0575-E.ZIP</a>	6kb	7/1/82	SM.575 - Protection of fixed monitoring stations against radio-frequency interference
<a href="#">0667-E.ZIP</a>	5kb	6/1/90	SM.667 - National spectrum management data
<a href="#">0668-1-E.ZIP</a>	116kb	3/11/97	SM.668-1 - Electronic exchange of information for spectrum management purposes
<a href="#">0669-1-E.ZIP</a>	18kb	11/16/93	SM.669-1 - Protection ratios for spectrum sharing investigations
<a href="#">0851-1-E.ZIP</a>	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
<a href="#">0852-E.ZIP</a>	5kb	3/8/92	SM.852 - Sensitivity of radio receivers for class of emissions F3E
<a href="#">0853-1-E.ZIP</a>	28kb	10/24/97	SM.853-1 - Necessary bandwidth
<a href="#">0854-E.ZIP</a>	5kb	3/8/92	SM.854 - Direction finding at monitoring stations of signals signals below 30 MHz
<a href="#">0855-1-E.ZIP</a>	5kb	10/24/97	SM.855-1 - Multi-service telecommunication systems
<a href="#">0856-1-E.ZIP</a>	31kb	3/11/97	SM.856-1 - New spectrally efficient techniques and systems
<a href="#">1009-1-E.ZIP</a>	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
<a href="#">1045-1-E.ZIP</a>	12kb	7/1/97	SM.1045-1 - Frequency tolerance of transmitters
<a href="#">1046-1-E.ZIP</a>	179kb	10/24/97	SM.1046-1 - Definition of spectrum use and efficiency of a radio system
<a href="#">1047-E.ZIP</a>	5kb	11/16/93	SM.1047 - National spectrum management
<a href="#">1048-E.ZIP</a>	10kb	11/16/93	SM.1048 - Design guidelines for a basic automated spectrum management system (BASMS)
<a href="#">1049-1-E.ZIP</a>	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
<a href="#">1050-E.ZIP</a>	7kb	11/16/93	SM.1050 - Tasks of a monitoring service
<a href="#">1051-2-E.ZIP</a>	9kb	7/1/97	SM.1051-2 - Priority of identifying and eliminating harmful interference in the band 406-406.1 MHz
<a href="#">1052-E.ZIP</a>	6kb	11/16/93	SM.1052 - Automatic identification of radio stations
<a href="#">1053-E.ZIP</a>	6kb	11/16/93	SM.1053 - Methods of improving HF direction-finding accuracy accuracy at fixed stations
<a href="#">1054-E.ZIP</a>	5kb	11/16/93	SM.1054 - Monitoring of radio emissions from spacecraft at monitoring stations
<a href="#">1055-E.ZIP</a>	54kb	11/16/93	SM.1055 - The use of spread spectrum techniques
<a href="#">1056-E.ZIP</a>	13kb	11/16/93	SM.1056 - Limitation of radiation from industrial, scientific and medical (ISM) equipment
<a href="#">1131-E.ZIP</a>	7kb	10/20/95	SM.1131 - Factors to consider in allocating spectrum on a worldwide basis
<a href="#">1132-1-E.ZIP</a>	21kb	4/25/00	SM.1132-1 - General principles and methods for sharing between radiocommunication services or between radio stations
<a href="#">1133-E.ZIP</a>	24kb	10/20/95	SM.1133 - Spectrum utilization of broadly defined services
<a href="#">1134-E.ZIP</a>	14kb	10/20/95	SM.1134 - Intermodulation interference calculations in the land-mobile service
<a href="#">1135-E.ZIP</a>	8kb	10/20/95	SM.1135 - SINPO and SINPFEMO codes
<a href="#">1138-E.ZIP</a>	17kb	10/20/95	SM.1138 - Determination of necessary bandwidths including examples for their calculation and associated examples for the designation of emissions
<a href="#">1139-E.ZIP</a>	8kb	10/20/95	SM.1139 - International monitoring system
<a href="#">1140-E.ZIP</a>	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
<a href="#">1235-E.ZIP</a>	118kb	3/11/97	SM.1235 - Performance functions for digital modulation systems in an interference environment
<a href="#">1265-E.ZIP</a>	14kb	7/1/97	SM.1265 - Alternative allocation methods
<a href="#">1266-E.ZIP</a>	10kb	7/1/97	SM.1266 - Adaptive MF/HF systems
<a href="#">1267-E.ZIP</a>	6kb	7/1/97	SM.1267 - Collection and publication of monitoring data to assist frequency assignment for geostationary satellite systems
<a href="#">1268-1-E.ZIP</a>	25kb	1/23/99	SM.1268-1 - Method of measuring the maximum frequency deviation of FM broadcast emissions at monitoring stations
<a href="#">1269-E.ZIP</a>	7kb	7/1/97	SM.1269 - Classification of direction finding bearings
<a href="#">1270-E.ZIP</a>	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



<a href="#">1271-E.ZIP</a>	46kb	10/24/97	probabilistic methods
<a href="#">1370-E.ZIP</a>	34kb	2/18/98	SM.1370 - Design guidelines for developing advanced automated spectrum management systems (ASMS)
<a href="#">1392-1-E.ZIP</a>	10kb	4/25/00	SM.1392-1 - Essential requirements for a spectrum monitoring monitoring station for developing countries
<a href="#">1393-E.ZIP</a>	10kb	1/23/99	SM.1393 - Common formats for the exchange of information between monitoring stations
<a href="#">1394-E.ZIP</a>	9kb	1/23/99	SM.1394 - Common format for memorandum of understanding between the agreeing countries regarding cooperation in spectrum monitoring matters
<a href="#">1413-E.ZIP</a>	829kb	10/16/99	SM.1413 - Radiocommunication data dictionary
<a href="#">1446-E.ZIP</a>	63kb	4/25/00	SM.1446 - Definition and measurement of intermodulation products in transmitter using frequency, phase, or complex modulation techniques
<a href="#">1447-E.ZIP</a>	11kb	4/25/00	SM.1447 - Monitoring of the radio coverage of land mobile networks to verify compliance with a given licence
<a href="#">1448-E.ZIP</a>	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
<a href="#">0722-1-E.ZIP</a>	10kb	3/8/92	SNG.722-1 - Uniform technical standards (analogue) for Satellite News Gathering (SNG)
<a href="#">0770-1-E.ZIP</a>	19kb	11/16/93	SNG.770-1 - Uniform operational procedures for Satellite News Gathering (SNG)
<a href="#">0771-1-E.ZIP</a>	7kb	4/25/93	SNG.771-1 - Auxiliary coordination satellite circuits for SNG terminals
<a href="#">1007-1-E.ZIP</a>	10kb	10/20/95	SNG.1007-1 - Uniform technical standards (digital) for Satellite News Gathering (SNG)
<a href="#">1070-E.ZIP</a>	6kb	11/16/93	SNG.1070 - An automatic transmitter identification system (ATIS) for analogue-modulation transmissions for Satellite News Gathering and outside broadcasts
<a href="#">1152-E.ZIP</a>	6kb	10/20/95	SNG.1152 - Use of digital transmission techniques for Satellite News Gathering (SNG) (sound)
<a href="#">1421-E.ZIP</a>	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*

Rec filename	Size	Date	Recommendation title
<a href="#">0374-5-E.ZIP</a>	6kb	4/22/99	TF.374-5 - Precise frequency and time-signal transmissions
<a href="#">0457-2-E.ZIP</a>	6kb	10/24/97	TF.457-2 - Use of the modified Julian date by the standard-frequency and time-signal services
<a href="#">0458-3-E.ZIP</a>	6kb	2/10/98	TF.458-3 - International comparisons of atomic time scales
<a href="#">0460-5-E.ZIP</a>	19kb	10/24/97	TF.460-5 - Standard-frequency and time-signal emissions
<a href="#">0486-2-E.ZIP</a>	6kb	2/10/98	TF.486-2 - Use of UTC frequency as reference in standard frequency and time signal emissions
<a href="#">0535-2-E.ZIP</a>	5kb	2/10/98	TF.535-2 - Use of the term UTC
<a href="#">0536-1-E.ZIP</a>	5kb	2/10/98	TF.536-1 - Time-scale notations
<a href="#">0538-3-E.ZIP</a>	32kb	11/16/93	TF.538-3 - Measures for random instabilities in frequency and time (phase)
<a href="#">0582-2-E.ZIP</a>	6kb	2/10/98	TF.582-2 - Time and frequency reference signal dissemination and coordination using satellite methods
<a href="#">0583-4-E.ZIP</a>	107kb	6/26/97	TF.583-4 - Time codes
<a href="#">0686-1-E.ZIP</a>	22kb	10/24/97	TF.686-1 - Glossary
<a href="#">0767-1-E.ZIP</a>	8kb	2/10/98	TF.767-1 - Use of the Global Positioning System (GPS) and the Global Navigation Satellite System (GLONASS) for high-accuracy time transfer
<a href="#">0768-3-E.ZIP</a>	67kb	6/26/97	TF.768-3 - Standard frequencies and time signals
<a href="#">1010-1-E.ZIP</a>	26kb	10/24/97	TF.1010-1 - Relativistic effects in a coordinate time system in the vicinity of the Earth
<a href="#">1011-1-E.ZIP</a>	14kb	10/24/97	TF.1011-1 - Systems, techniques and services for time and frequency transfer
<a href="#">1153-1-E.ZIP</a>	37kb	6/26/97	TF.1153-1 - The operational use of two-way satellite time and frequency transfer employing PN codes

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## Series V - *Vocabulary and related subjects*

Rec filename	Size	Date	Recommendation title
<a href="#">0430-3-E.ZIP</a>	6kb	6/1/90	V.430-3 - Use of the international system of units (SI)
<a href="#">0431-6-E.ZIP</a>	10kb	4/25/93	V.431-6 - Nomenclature of the frequency and wavelength bands used in telecommunications
<a href="#">0461-5-E.ZIP</a>	7kb	4/25/93	V.461-5 - Graphical symbols and rules for the preparation of documentation in telecommunications

<a href="#">0573-3-E.ZIP</a>	97kb	6/1/90	V.573-3 - Radiocommunication vocabulary
<a href="#">0574-3-E.ZIP</a>	31kb	6/1/90	V.574-3 - Use of the decibel and the neper in telecommunications
<a href="#">0607-2-E.ZIP</a>	7kb	6/1/90	V.607-2 - Terms and symbols for information quantities in telecommunications
<a href="#">0608-2-E.ZIP</a>	6kb	4/25/93	V.608-2 - Letter symbols for telecommunications
<a href="#">0662-2-E.ZIP</a>	47kb	4/25/93	V.662-2 - Terms and definitions
<a href="#">0663-1-E.ZIP</a>	14kb	6/1/90	V.663-1 - Use of certain terms linked with physical quantities
<a href="#">0665-1-E.ZIP</a>	6kb	6/1/90	V.665-1 - Traffic intensity unit
<a href="#">0666-2-E.ZIP</a>	7kb	4/25/93	V.666-2 - Abbreviations and initials used in telecommunications

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