WRC-27 Agenda Items

Agenda items 1.1–1.19 and 7 (Topics A–E): short name, description, bands, responsible WP, draft CPM methods, source documents and BR issues.

DATA AS OF
30 October 2026

CPM27-2
5–15 April 2027, Geneva

WRC-27
18 October–12 November 2027, Shanghai

Source: latest draft CPM texts on TIES. AI 1.1–1.6 and 7: WP 4A TDs of the 19–29 Oct 2026 meeting (R23-WP4A-261019-TD). Other items: WP Chair's reports 5D/1546, 5B/526, 5C/322, 4C/943, 7B/279, 7C/434, 7D/329. Method texts are condensed; see the TIES documents for the full text. BR issues come from text that refers to the Bureau, BR examination, MIFR, App. 4 or software. Controversies: disputed points in the CPM texts, and public regional positions (⇄ = conflicts with another group): CEPT CPG27-4, Dec 2025 (AKOS, Jul 2026); APT Nov 2025 / Mar 2026; CITEL Oct 2025; ATU Nov 2025; RCC Oct 2025; ASMG Oct 2025.

AI 1.1	Aero & maritime ESIM, Q/V band	WP 4A
AI 1.2	Smaller FSS uplink antennas 13.75–14 GHz	WP 4A
AI 1.3	Non-GSO FSS gateways 51.4–52.4 GHz	WP 4A
AI 1.4	17 GHz FSS/BSS downlink, Region 3	WP 4A
AI 1.5	Unauthorized non-GSO terminals	WP 4A
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AI 1.7	IMT in 4.4, 7–8 and 15 GHz	WP 5D
AI 1.8	Radiolocation 231.5–700 GHz imaging	WP 5B
AI 1.9	HF AM(OR)S modernization, App. 26	WP 5B
AI 1.10	Art. 21 pfd/e.i.r.p., 71–76 / 81–86 GHz	WP 5C
AI 1.11	MSS space-to-space links, L/S band	WP 4C
AI 1.12	Low-data-rate non-GSO MSS	WP 4C
AI 1.13	Direct-to-device MSS in IMT bands	WP 4C / 5D
AI 1.14	Additional MSS allocations ~2 GHz	WP 4C
AI 1.15	Lunar communications (SRS)	WP 7B
AI 1.16	RAS protection from non-GSO, RQZ	WP 7D
AI 1.17	Space weather sensors (MetAids)	WP 7C
AI 1.18	Unwanted emissions >76 GHz vs passive	WP 7C / 7D
AI 1.19	EESS (passive) 4.2–4.4 & 8.4–8.5 GHz	WP 7C
AI 7 A	Appendix 4 data items	WP 4A
AI 7 B	New coordination arc > 3.4 GHz	WP 4A
AI 7 C	Revision of Res. 170 (App. 30B)	WP 4A
AI 7 D	Revision of Res. 553 (21.4–22 GHz BSS)	WP 4A
AI 7 E	RR No. 4.4 for space stations	WP 4A

AI 1.1 Aero & maritime ESIM, Q/V band

Res. 176 (Rev.WRC-23) · Responsible: WP 4A · Stage: **Draft CPM text**

DESCRIPTION

Technical and operational conditions for aeronautical and maritime ESIM that communicate with GSO and non-GSO FSS space stations.

FREQUENCY BANDS

47.2–50.2 GHz (E-s)

50.4–51.4 GHz (E-s)

SOURCE DOCUMENTS

- Res. 176
- TD list (Oct 2026)
- CPM text TD 0340

LATEST DEVELOPMENTS

Draft CPM text, WG 4A2, TD 0340 (29 Oct 2026). Supporting material in TD 0347. Method A reason: studies not completed.

DRAFT CPM METHODS

A NOC to RR Volumes 1 and 2 [and SUP Res. 176].

B New footnote No. 5.A11 with two new WRC Resolutions (A-ESIM, M-ESIM; GSO and non-GSO) giving technical, operational and regulatory conditions. SUP Res. 176.

CONTROVERSIES

In CPM text

- NCMC rules: WRC Resolution or ITU-R Recommendation — disputed (Editor's note).
- Three options remain for the BR pfd examination method.
- RAS protection options not agreed (no RAS allocation in band).

Regional positions

ATU ⇄ Mandatory WRC Resolution for NCMC.

CEPT ⇄ NCMC text in a Recommendation; ASMG same.

RCC Supports with incumbent protection.

BR ISSUES

- Method B: BR examines A-ESIM characteristics against pfd limits at the Earth's surface (Annex 1, Part II); qualified favourable finding under No. 11.31 if successful, otherwise unfavourable.
- [resolves 1.2.5]: if BR cannot examine, the Resolution stays in abeyance until an examination method is available.
- BR examines App. 4 data against notified typical earth stations and publishes in the BR IFIC. Commitment with App. 4; reminder, then RRB after 30 days if interference persists.

AI 1.2 Smaller FSS uplink antennas 13.75–14 GHz

Res. 129 (WRC-23) · Responsible: WP 4A · Stage: **Draft CPM text**

DESCRIPTION

Revise RR Nos. 5.502 and 5.503 to permit smaller FSS uplink earth stations (now min. 1.2 m GSO, 4.5 m non-GSO). Protect radiolocation (5.502) and SRS (5.503).

FREQUENCY BANDS

13.75–14 GHz (E-s)

SOURCE DOCUMENTS

- Res. 129
- TD list (Oct 2026)
- CPM text TD 0341

LATEST DEVELOPMENTS

Draft CPM text, WG 4A2, TD 0341 (29 Oct 2026). Two issues; methods reduced to A1–A4 and B1–B3. Working document in TD 0349. All methods: SUP Res. 129.

DRAFT CPM METHODS

A1	Issue A (No. 5.502, RLS): no change.
A2	Remove min. antenna sizes (GSO 1.2 m, non-GSO 4.5 m). New No. 21.13B: non-GSO e.i.r.p. density limit that falls as deployment density rises.
A3	GSO: remove min. antenna size and pfd limits; delete 68 dBW lower e.i.r.p. value for ≥ 4.5 m; MOD App. 4. Alt. 2 adds No. 5.502A.
A4	Remove antenna size limits; keep the current pfd limit of No. 5.502.
B1	Issue B (No. 5.503, SRS): no change.
B2	SUP No. 5.503 (RoP on 5.503 to review).
B3	Keep primary status of pre-1992 GSO SRS stations; remove the e.i.r.p. limit on FSS earth stations.

CONTROVERSIES

In CPM text

- A2: no ITU-R studies for non-GSO < 4.5 m or for removing e.i.r.p. limit ≥ 4.5 m.
- A3: radar protection criterion in RR text without agreed compliance procedure.
- A4: pfd at 3 m above ground does not protect airborne radars.
- B1: keeps unequal GSO (10 MHz) / non-GSO (6 MHz) protection; B2: loss of pre-1992 SRS primary status, no studies.

Regional positions

RCC ⇄ Supports smaller antennas and power limits via 5.502/5.503.

CEPT ⇄ Change only with accepted studies protecting RLS, RNS, SRS.

CITEL Split; some want no new constraints on RLS/SRS.

APT Studies; protect RLS.

BR ISSUES

- Changes to Nos. 5.502/5.503 change what BR examines for FSS earth stations at 13.75–14 GHz (antenna size, pfd, e.i.r.p.).
- A2: new No. 21.13B limit linked to deployment density (App. 4 A.4.b.7.b) — new data item to check.
- B2: Rules of Procedure on No. 5.503 to review; B3 keeps the 31 Jan 1992 API date criterion.

AI 1.3 Non-GSO FSS gateways 51.4–52.4 GHz

Res. 130 (WRC-23) · Responsible: WP 4A · Stage: **Draft CPM text**

DESCRIPTION

Use of 51.4–52.4 GHz by gateway earth stations that transmit to non-GSO FSS systems. Protect GSO FSS, FS, MS, RAS and EESS (passive) 52.6–54.25 GHz.

FREQUENCY BANDS

51.4–52.4 GHz (E-s)

SOURCE DOCUMENTS

- Res. 130
- TD list (Oct 2026)
- CPM text TD 0314

LATEST DEVELOPMENTS

Draft CPM text, WG 4A1, TD 0314 (28 Oct 2026). Working document in TD 0315. All methods: only non-GSO gateways, SUP Res. 130, Res. 750 update.

DRAFT CPM METHODS

A epfd (E-s) limits in Table 22-2 to protect GSO FSS. Band stays under Art. 9 Section I (no No. 9.12).

B Extend Nos. 22.5L/22.5M (and Res. 769/770) to 51.4–52.4 GHz. Non-GSO/non-GSO coordination under No. 9.12.

C As B, plus transitional single-entry epfd limits until BR validation software for No. 22.5L is available. May be deleted at CPM27-2 if software is ready.

CONTROVERSIES

In CPM text

- Protection of GSO: epfd limits (A) vs Nos. 22.5L/22.5M (B, C).
- Method C exists only because BR validation software is not ready.

Regional positions

CEPT Supports framework protecting RAS and EESS; RCC, ATU similar.

ASMG Keep No. 5.555C unchanged.

BR ISSUES

- Method C exists because BR validation software for No. 22.5L at 51.4–52.4 GHz is not available. CPM27-2 can delete Method C if BR confirms the software is ready or expected before WRC-27 decisions apply.
- Method A: new epfd limits — BR epfd examination (Rec. S.1503 software).
- Methods B/C: Res. 770 consultation; convener sends aggregate results and supplemental GSO links to BR for publication; draft text: no BR finding on compliance under Art. 9/11.

AI 1.4 17 GHz FSS/BSS downlink, Region 3

Res. 726 (WRC-23) · Responsible: WP 4A · Stage: **Draft CPM text**

DESCRIPTION

Possible new FSS (s-E) allocation 17.3–17.7 GHz and BSS allocation 17.3–17.8 GHz in Region 3. epfd limits for non-GSO FSS.

FREQUENCY BANDS

17.3–17.7 GHz FSS (s-E, R3)

17.3–17.8 GHz BSS (s-E, R3)

SOURCE DOCUMENTS

- Res. 726
- TD list (Oct 2026)
- CPM text TD 0342

LATEST DEVELOPMENTS

Draft CPM text, WG 4A2, TD 0342 (29 Oct 2026). Seven methods (new Method B2). Working document in TD 0350.

DRAFT CPM METHODS

A	No change. SUP Res. 726.
B	R3: GSO FSS (s-E) 17.3–17.7 GHz and BSS 17.3–17.8 GHz.
B2	As B, with a pfd mask from a study that protects the full visible GSO arc, for GSO FSS and BSS.
C	R3 FSS (s-E) for GSO and non-GSO; R2 epfd limits to R1 and R3; neutral on R3 BSS.
D	R3 FSS (GSO, non-GSO) and BSS; R2 epfd limits to R1 and R3; new Table 22-1D epfd to protect BSS.
E	R3 FSS (GSO, non-GSO) and BSS; R2 epfd limits to R1 and R3.
F	As C, with other additional regulatory provisions (GSO FSS reciprocity in all Regions).

CONTROVERSIES

In CPM text

- Method B2 questions use of R2 values with no supporting technical studies.
- Methods C and F stay neutral on a Region 3 BSS allocation.

Regional positions

CEPT ⇄ Apply WRC-23 R2 epfd in R1 and R3; no view on R3 BSS.

ATU ⇄ Protect R1 and App. 30A feeder links; study R1 epfd.

RCC Only if R1 GSO is protected.

APT Studies, incl. epfd.

BR ISSUES

- Methods C–F: R2 epfd limits applied in R1 and R3; D adds a new Table 22-1D (BSS) — BR epfd examination and software to extend.
- New R3 FSS (s-E) and BSS allocations; B2 adds a pfd mask — BR examination against new limits; interaction with App. 30A feeder links.
- Rules of Procedure on No. 9.19 cited.

AI 1.5 Unauthorized non-GSO terminals

Res. 14 (WRC-23) · Responsible: WP 4A · Stage: **Draft CPM text**

DESCRIPTION

Regulatory measures to limit unauthorized operation of non-GSO FSS and MSS earth stations in a territory without licence, and service-area inclusion rules.

FREQUENCY BANDS

No specific band (non-GSO FSS/MSS earth stations)

SOURCE DOCUMENTS

- Res. 14
- TD list (Oct 2026)
- CPM text TD 0359

LATEST DEVELOPMENTS

Draft CPM text, WG 4A3, TD 0359 (29 Oct 2026). Four methods, some with options and variants. All: SUP Res. 14.

DRAFT CPM METHODS

A No change. Art. 18 and Res. 22/25 (Rev.WRC-23) are adequate; guidance via ITU-R Recs/Reports possible.

B New Res. [A15-B]: geolocation to restrict unauthorized use; remote de-activation.

C New Res. [A15-C]: mandatory measures, immediate remote de-activation; service-area exclusion; RRB review and BR measures on the non-GSO assignments.

D MOD Res. 22: geolocation and remote control; reporting; RRB review with possible suspension/suppression of assignments.

CONTROVERSIES

In CPM text

- B: prescriptive; mandatory geolocation and NCMC location; not technology-neutral; inconsistent with studies.
- C: permanent NCMC monitoring; territory exclusion ineffective; covers reception; no safety exemption; BR burden.
- Exclusion-of-service-area procedure for BR/RRB is unclear.

Regional positions

CEPT ⇄ Opposes service-area limits and territory exclusion; current rules suffice.

RCC ⇄ Supports exclusion of territory on request.

APT Split: current framework vs mandatory suspension.

CITEL Six divergent views.

BR ISSUES

- Methods C/D: administrations report suspected unauthorized operation to BR; BR and RRB actions with time limits.
- RRB review can lead to suspension/suppression of the non-GSO assignments in the BR database and MIFR.
- Concerns in text: BR examination and reporting add administrative burden; exclusion-of-service-area procedure for BR/RRB is unclear; a new coordination with interim non-GSO filings would increase BR workload.

AI 1.6 Equitable access, Q/V-band FSS

Res. 131 (WRC-23) · Responsible: WP 4A · Stage: **Draft CPM text**

DESCRIPTION

Technical and regulatory measures for equitable access to FSS spectrum and orbit in Q/V bands, with the needs of developing countries. No new allocations.

FREQUENCY BANDS

37.5–42.5 GHz (s-E)

42.5–43.5 GHz (E-s)

47.2–50.2 GHz (E-s)

50.4–51.4 GHz (E-s)

SOURCE DOCUMENTS

- Res. 131
- TD list (Oct 2026)
- CPM text TD 0360

LATEST DEVELOPMENTS

Draft CPM text, WG 4A3, TD 0360 (29 Oct 2026). Scope of Methods B–D now differs by orbit type. All: SUP Res. 131.

DRAFT CPM METHODS

A No change (first-come first-served kept). SUP Res. 131.

B One new Resolution [A16-B] for GSO networks: preferential treatment for administrations or groups of named administrations.

C Two new Resolutions: [A16-C-GSO] and [B16-C-NGSO] (non-GSO system on behalf of a large group of administrations).

D One new Resolution [A16-D] for GSO and non-GSO: differentiated preferential treatment.

CONTROVERSIES

In CPM text

- Measurement campaigns: downlink only; assume fixed operations; cost for ITU-R.
- No fixed BIU deadline = de facto Plan; blocks new entrants (CS Art. 44).

Regional positions

CEPT ⇄ Opposes a priori planning and retroactivity.

ATU ⇄ Supports Method C and removal of 7-year BIU.

RCC Planning not feasible; prefers Res. 553-type procedure.

BR ISSUES

- Methods B–D: preferential treatment changes first-come first-served processing; BR eligibility checks.
- Measurement campaigns: BR could assist, subject to resources; text notes significant cost for ITU-R.
- BR examination of probability of harmful interference under No. 11.32A could take these principles into account.
- No re-processing of networks already processed. BR data (May 2025): about 900 GSO networks, about 50 brought into use.

AI 1.7 IMT in 4.4, 7–8 and 15 GHz

Res. 256 (WRC-23) · Responsible: WP 5D · Stage: **Draft CPM text**

DESCRIPTION

Sharing and compatibility studies and technical conditions for IMT identification. Protect existing primary services, also in international waters and airspace.

FREQUENCY BANDS

Band 1: 4 400–4 800 MHz (R1, R3)

Band 2: 7 125–7 250 MHz (global)

Band 3: 7 250–7 750 MHz (R2, R3)

Band 4: 7 750–8 400 MHz (global)

Band 5: 14.8–15.35 GHz (global)

SOURCE DOCUMENTS

- Res. 256
- 5D/1546
- CPM text 5D/1546 Ann. 4.31

LATEST DEVELOPMENTS

Draft CPM text, 5D/1546 Annex 4.31 (15 Oct 2026), from WP 5D #53. Methods per band; method 'A' in each band is No change.

DRAFT CPM METHODS

1A–5A	No change in the band.
1B1–1I	4.4 GHz: IMT ID with explicit agreement (1B1) or pfd limits (1B2, 1G); footnote for some countries / parts + Res. 223 (1D, 1F, 1H); use under existing MS by arrangements (1E); constraints (1I).
2C–2F	7 125–7 250 MHz: IMT ID by footnote with new Resolution or alternative elements.
3C–3H	7 250–7 750 MHz: IMT ID by footnote with conditions in Resolution; 3E extends to R1.
4B–4E	7 750–8 400 MHz: IMT ID by footnote and new Resolution; 4B includes conditions for space services.
5B–5C	14.8–15.35 GHz: IMT ID by footnote with new Resolution (5B) or constraints (5C).

CONTROVERSIES

In CPM text

- Added methods for R2 at 4.4–4.8 GHz and R1 at 7.25–7.75 GHz — others say out of scope.
- Some methods 'may contradict the RR' (1I, 2F).
- Dispute on reliance on into-IMT studies, protection of AMS/MMS in international airspace/waters and RAS 4 990–5 000 MHz.

Regional positions

CEPT ⇄ Opposes 4.4–4.8 and 14.8–15.35 GHz; 7.125–7.25 GHz possible.

RCC ⇄ Supports 4.4–4.8, 7.125–7.25, 14.8–15.35 GHz.

APT Japan, Korea for; China and others against.

CITEL Eight administrations support more IMT.

ASMG Protect FSS 4.5–4.8 GHz and altimeters.

BR ISSUES

- IMT notifying administration sends commitments with App. 4 data. If no action, BR sends a reminder; after 30 days, the case goes to the RRB.
- Methods with pfd limits (e.g. −154.5 dB(W/(m²·4 kHz)) at 3 m, as for 3.4 GHz): in disagreement, BR calculates and verifies the pfd.
- IMT assignments notified under Art. 11 (Nos. 11.13, 11.14).

AI 1.8 Radiolocation 231.5–700 GHz imaging

Res. 663 (Rev.WRC-23) · Responsible: WP 5B · Stage: **Draft CPM text**

DESCRIPTION

Possible primary radiolocation allocation (Issue A) and identification (Issue B) for millimetric and sub-millimetric imaging. Protect EESS (passive), RAS, FS, LMS.

FREQUENCY BANDS

Issue A: 231.5–275 GHz (allocation)

Issue B: 275–700 GHz (identification)

SOURCE DOCUMENTS

- Res. 663
- 5B/526
- CPM text 5B/526 Ann. 4.1

LATEST DEVELOPMENTS

Draft CPM text, 5B/526 Annex 4.1 (26 Jun 2026). Studies: most suitable bands 252–296 GHz and 356–439 GHz.

DRAFT CPM METHODS

A1	No change.
A2	Allocate 252–275 GHz to RLS.
B1	No change.
B2	Identify 275–296 GHz and 356–439 GHz for RLS.
B2bis	Identify 275–296 GHz, 325–470 GHz and 640–690 GHz for RLS.

CONTROVERSIES

In CPM text

- No concerns recorded. Supporting Rec. and Report still draft (square brackets).

Regional positions

CEPT Supports; opposes 250–252 GHz; RCC same.

ASMG Confirm the need first.

BR ISSUES

- No Bureau-specific action in the draft CPM text.

AI 1.9 HF AM(OR)S modernization, App. 26

Res. 411 (WRC-23) · Responsible: WP 5B · Stage: **Draft CPM text**

DESCRIPTION

Update Appendix 26 for wideband digital AM(OR)S emissions by aggregation of 3 kHz channels, without change to the existing Plan.

FREQUENCY BANDS

HF AM(OR)S bands of App. 26 (3 025–18 030 kHz)

SOURCE DOCUMENTS

- Res. 411
- 5B/526
- CPM text 5B/526 Ann. 4.3

LATEST DEVELOPMENTS

Draft CPM text, 5B/526 Annex 4.3 (25 Jun 2026). Studies: contiguous and non-contiguous aggregation meet App. 27 unwanted emission limits. All methods: SUP Res. 411.

DRAFT CPM METHODS

A No change (NOC).

B1 MOD App. 26 for channel aggregation; power limits for contiguous aggregated channels separate from single 3 kHz channels.

B2 MOD App. 26 for channel aggregation; one power limit for aggregated and single 3 kHz channels.

CONTROVERSIES

In CPM text

- No concerns recorded.

Regional positions

CEPT Non-contiguous aggregation in App. 26.

RCC Wideband OOB not above narrowband.

ASMG No change to the allotment Plan.

BR ISSUES

- Method B: new 26/7ter — wide-band (aggregated) channels notified and recorded in the MIFR if in full conformity with App. 26. BR examination of aggregated channels and power limits.

AI 1.10 Art. 21 pfd/e.i.r.p., 71–76 / 81–86 GHz

Res. 775 (Rev.WRC-23) · Responsible: WP 5C · Stage: **Draft CPM text**

DESCRIPTION

pfd and e.i.r.p. limits in Article 21 for FSS, MSS and BSS to protect fixed and mobile services.

FREQUENCY BANDS

71–76 GHz (s-E): pfd mask

81–86 GHz (E-s): e.i.r.p.

SOURCE DOCUMENTS

- Res. 775
- 5C/322
- CPM text 5C/322 Ann. 2.3

LATEST DEVELOPMENTS

Draft CPM text, 5C/322 Annex 2.3 (12 Jun 2026). One method, five pfd options. No-change method stated as not applicable.

DRAFT CPM METHODS

A	Table 21-4 pfd mask for FSS/BSS/MSS at 71–76 GHz; add 81–86 GHz to Table 21-3 (Nos. 21.8, 21.11); App. 7 update; SUP Res. 775.
A1, A2	pfd (1 MHz) from −115 (A1) or −122 (A2) at δ ≤ 5° to −105 dB(W/m²) at δ > 25°, GSO and non-GSO.
A3, A4	Separate masks: GSO from −120/−115, non-GSO from −125 dB(W/m²). A4 adds gas-attenuation footnote and MOD No. 21.16.
A5	Mask −115 − X, X a function of number of visible satellites (Nv > 300).

CONTROVERSIES

In CPM text

- Studies with different assumptions give different pfd masks (options A1–A5). No-change method excluded.

Regional positions

CITEL Split: terrestrial vs satellite priority.

CEPT Limits from FS criteria; RCC, ATU, ASMG support limits.

APT No view yet.

BR ISSUES

- New Art. 21 pfd mask (71–76 GHz) and e.i.r.p. limits (81–86 GHz) — BR examination; App. 7 coordination contour update.
- Option A4: for pfd compliance, BR first applies a gas-attenuation reduction to the notified max. e.i.r.p. (new footnote, MOD No. 21.16); otherwise BR assessment stays free-space.
- MSS filings already in the MIFR; BR gave characteristics for studies.

AI 1.11 MSS space-to-space links, L/S band

Res. 249 (Rev.WRC-23) · Responsible: WP 4C · Stage: **Draft CPM text**

DESCRIPTION

Technical, operational and regulatory provisions for space-to-space links between non-GSO and GSO satellites in existing MSS bands.

FREQUENCY BANDS

1 518–1 544 MHz

1 545–1 559 MHz

1 610–1 645.5 MHz

1 646.5–1 660 MHz

1 670–1 675 MHz

2 483.5–2 500 MHz

SOURCE DOCUMENTS

- Res. 249
- 4C/943
- CPM text 4C/943 Ann. 1

LATEST DEVELOPMENTS

Draft CPM text, 4C/943 Annex 1 (23 Oct 2026). Studies: feasibility is band-dependent. All methods: SUP Res. 249.

DRAFT CPM METHODS

A	No change to the RR.
B	New MSS (s-s) or ISS allocations in all or parts of the bands, with new Res. [A111-Bx]. Sub-methods B1–B8:
B2, B3, B7	Add space-to-space direction indicator to existing MSS allocations (band sets differ).
B4, B8	s-s indicator only in 1 610–1 626.5 MHz (B8: [1 614.8…1 618.92]–1 626.5 MHz); no change in other bands.
B1, B5, B6	B1: secondary MSS (s-s) or ISS in 1 525–1 559 MHz; B5: TBD, no change at 2.4 GHz; B6: primary ISS in 1 525–1 559, 1 626.5–1 660 MHz.

CONTROVERSIES

In CPM text

- A: no framework, uncertainty. B1: secondary + hard pfd limits, basis unclear.
- B2/B3: RAS 1 610.6–1 613.8 MHz already exceeded (RA.769); guardband inconsistency.
- B4: protection under resolves 4 unclear.

Regional positions

RCC ⇄ Opposes s-s in 1 518–1 535 and 1 610–1 626.5 MHz; ISS only.

CEPT ⇄ Supports s-s in MSS bands; ATU, ASMG, CITEL same direction as MSS.

BR ISSUES

- Notifying administration sends App. 4 data for the non-GSO user space station. If BR finds no recorded typical earth stations for the GSO MSS provider network, BR returns the information.
- Max. off-nadir angle derived from notified service area (GIMS database).
- Director: implement Resolution, assist in resolving interference, report difficulties to future WRCs.

AI 1.12 Low-data-rate non-GSO MSS

Res. 252 (WRC-23) · Responsible: WP 4C · Stage: **Draft CPM text**

DESCRIPTION

Possible MSS allocations, limited to non-GSO low-data-rate (LDR) systems with burst data and no telephony, and regulatory actions.

FREQUENCY BANDS

Band 1: 1 427–1 432 MHz (s-E)

Band 2: 1 645.5–1 646.5 MHz

Band 3: 1 880–1 920 MHz

Band 4: 2 010–2 025 MHz (s-E, E-s)

SOURCE DOCUMENTS

- Res. 252
- 4C/943
- CPM text 4C/943 Ann. 5

LATEST DEVELOPMENTS

Draft CPM text, 4C/943 Annex 5 (19 Oct 2026). Methods band by band. Overlap with AI 1.13 and 1.14. SUP Res. 252.

DRAFT CPM METHODS

1A–4A	No change in the band.
1B–4B	Primary MSS allocation with new Res. [A112]: pfd (s-E) and terminal e.i.r.p. density (E-s) limits.
1C–4C	Secondary MSS by footnote with Res. [A112]; 2C uses existing E-s allocation; keeps R2 primary MSS (E-s) 2 010–2 025 MHz (No. 5.389C).

CONTROVERSIES

In CPM text

- Some say methods ignore study results; others say studies not reviewed, based on specific systems.
- 1 645.5–1 646.5 MHz unused; IMO removed 1.6 GHz EPIRBs.

Regional positions

RCC ⇄ Objects to 1 427–1 432 MHz.

CITEL ⇄ Supports bands from 1 427 MHz.

ATU Global allocation; 1 645.5 MHz awaits IMO.

CEPT Global allocation; avoid first-come monopolies.

BR ISSUES

- New Res. [A112] with pfd (s-E) and terminal e.i.r.p. limits for non-GSO LDR MSS — limits to examine.
- Director: take all actions to facilitate implementation.

AI 1.13 Direct-to-device MSS in IMT bands

Res. 253 (WRC-23) · Responsible: WP 4C, WP 5D · Stage: **Draft CPM text**

DESCRIPTION

Possible new MSS allocations for direct connectivity between space stations and IMT user equipment (DC-MSS-IMT), to complement terrestrial IMT coverage.

FREQUENCY BANDS

Group 1: 694/698–960 MHz

Group 2: 1 427–1 518 MHz

Group 3: 1 710–2 025, 2 110–2 200 MHz

Group 4: 2 300–2 400 MHz

Group 5: 2 500–2 570, 2 620–2 690 MHz

SOURCE DOCUMENTS

- Res. 253
- 4C/943
- CPM text 4C/943 Ann. 7

LATEST DEVELOPMENTS

Draft CPM text, 4C/943 Annex 7 (23 Oct 2026), WP 5D input on IMT protection. Studies on downlink only (uplink unchanged, existing UE). New Resolution for DC-MSS-IMT; SUP Res. 253.

DRAFT CPM METHODS

1A–5A	No change in the group.
1B–5B	Primary MSS allocation limited to DC-MSS-IMT (Table of Allocations + new footnote).
1C–5C	Secondary MSS allocation limited to DC-MSS-IMT.
1D–5D	Secondary MSS allocation via RR footnote only.

CONTROVERSIES

In CPM text

- Study results differ widely; no conclusion possible (Editor's note).
- Some IMT studies not compliant with agreed protection criteria.
- Four alternatives on MNO / DC-MSS-IMT arrangements not agreed.

Regional positions

ATU ⇄ Secondary only, with MNO agreements; ASMG same.

CEPT ⇄ Supplemental framework in IMT bands; opposes 2 300–2 400 MHz.

RCC Opposes 2 110–2 200, 2 305–2 360 MHz.

APT Studies only.

BR ISSUES

- BR examines compliance with aggregate pfd/epfd limits with the methodology in Attachment 2 (draft resolves 19).
- Operation in abeyance until the required verification software is available (resolves 21bis).
- Alt. 1: BR to prepare a database of frequency channels used by each DC-MSS-IMT system.
- All mandatory App. 4 elements to BR for examination (No. 11.15).

AI 1.14 Additional MSS allocations ~2 GHz

Res. 254 (WRC-23) · Responsible: WP 4C · Stage: **Draft CPM text**

DESCRIPTION

Possible new MSS allocations in three bands near 2 GHz, with protection of existing primary services in-band and adjacent, without new constraints on them.

FREQUENCY BANDS

Band 1: 2 010–2 025 MHz (E-s, R1 & R3)

Band 2: 2 120–2 160 MHz (s-E, all Regions)

Band 3: 2 160–2 170 MHz (s-E, R1 & R3)

SOURCE DOCUMENTS

- Res. 254
- 4C/943
- CPM text 4C/943 Ann. 9

LATEST DEVELOPMENTS

Draft CPM text, 4C/943 Annex 9 (21 Oct 2026). Methods band by band, plus one method for no change in all bands.

DRAFT CPM METHODS

1A–3A	No change in the band.
1B–3B	MSS allocation on a primary basis.
1C–3C	MSS allocation on a secondary basis.
D	No change for all bands.

CONTROVERSIES

In CPM text

- Conditions in 1B/1C/2B/2C/3B/3C not supported by studies (concern).
- Considerings not agreed.

Regional positions

CEPT ⇄ Opposes 2 120–2 170 MHz; no change. RCC same in R1.

ATU ⇄ Supports; ASMG, CITEL (5 admins) also.

BR ISSUES

- pfd limit at borders for 2 010–2 025 MHz ([−107/−114] dB(W/(m²·MHz))); verification by mutual agreement of administrations.
- Conditions before bringing into use of MSS space stations in 2 120–2 170 MHz to protect MS.

AI 1.15 Lunar communications (SRS)

Res. 680 (WRC-23) · Responsible: WP 7B · Stage: **Draft CPM text**

DESCRIPTION

SRS (space-to-space) allocations for lunar surface and lunar orbit–surface links. Protect incumbents on the Moon and on Earth, and the Shielded Zone of the Moon (SZM).

FREQUENCY BANDS

A–C: 390–406.1, 420–430, 440–450 MHz

D–E: 2 400–2 690, 3 500–3 800 MHz

F–H: 5 150–5 570, 5 570–5 725, 5 775–5 925 MHz

I–J: 7 190–7 235, 8 450–8 500 MHz

K: 25.25–28.35 GHz

SOURCE DOCUMENTS

- Res. 680
- 7B/279
- CPM text 7B/279 Ann. 2

LATEST DEVELOPMENTS

Draft CPM text, 7B/279 Annex 2 (1 Oct 2026). Issues A–K, one per band. All methods: SUP Res. 680.

DRAFT CPM METHODS

A1–K1	No change in the band.
A2–C2	Primary SRS (s-s) allocation, use outside the SZM only.
D2–J2	Primary SRS (s-s) allocation.
K2	Primary SRS (s-s) allocation in 27.5–28.35 GHz only.

CONTROVERSIES

In CPM text

- No concerns recorded. K2 limited to 27.5–28.35 GHz.

Regional positions

CEPT Supports; protect the Shielded Zone of the Moon.

RCC 7 190–7 235, 8 450–8 500 MHz with channel plan.

BR ISSUES

- New SRS (s-s) allocations for lunar links — notification of stations on and around the Moon; SZM limits.
- Alt. 1: Director instructed to evaluate impacts on RAS in the SZM for several bands.

AI 1.16 RAS protection from non-GSO, RQZ

Res. 681 (WRC-23) · Responsible: WP 7D · Stage: **Draft CPM text**

DESCRIPTION

Protect RAS from non-GSO unwanted emissions (Issue A), multi-system aggregate (B), recognize two RQZ sites (C), RQZ impact (D).

FREQUENCY BANDS

10.6–10.7 GHz

42.5–43.5 GHz

76–77.5 GHz

94.1–95, 100–102 GHz

130–134 GHz

114.25–116 GHz: out of scope (NOC)

SOURCE DOCUMENTS

- Res. 681
- 7D/329
- CPM text 7D/329 Ann. 1

LATEST DEVELOPMENTS

Draft CPM text, 7D/329 Annex 1 (2 Oct 2026). Studies for Issues A, B, D broadly agree. All: SUP Res. 681.

DRAFT CPM METHODS

A1	No change.
A2–A4	New Art. 5 footnotes + App. 4: mandatory thresholds (A2); no harmful interference 'to the extent practicable', App. 4 optional (A3); per protection criteria (A4).
B1	No change.
B2, B3	Resolution: ITU-R to finish Report/Recs (B2); new Resolution on aggregate interference with consultation mechanism (B3).
C1–C4	No change (C1); recognize two RQZ in Art. 22 + Resolution (C2), in Art. 29 + Resolution (C3), Art. 29 only (C4).
D	No change.

CONTROVERSIES

In CPM text

- A1: studies show RAS exceedance. A2: few systems studied. A3: 'to the extent practicable' weakens. A4: no compliance method.
- B2: not needed / out of scope. B3: voluntary, may give no result.
- C: definitions outside the RR; supporting Resolution.

Regional positions

CEPT ⇄ Footnotes for 10.6–10.7, 100–102, 114.25–116 GHz (CPM: 114.25–116 out of scope).

RCC ⇄ No unjustified constraints; RQZ under No. 4.6.

CITEL Split.

BR ISSUES

- A2–A4: App. 4 commitments (epfd limits, 'to the extent practicable' in A3) submitted to BR with the filing.
- B3: new consultation mechanism for aggregate interference from multiple non-GSO systems.
- C2–C4: two RQZ named in Art. 22 or Art. 29.

AI 1.17 Space weather sensors (MetAids)

Res. 682 (WRC-23) · Responsible: WP 7C · Stage: **Draft CPM text**

DESCRIPTION

Primary MetAids (space weather) allocations limited to receive-only sensors, and MIFR registration. Sensors cause no interference; studies cover impact on the sensors.

FREQUENCY BANDS

27.5–28.0 MHz

29.7–30.2 MHz

32.2–32.6 MHz

37.5–38.325 MHz

73.0–74.6 MHz

608–614 MHz

SOURCE DOCUMENTS

- Res. 682
- 7C/434
- CPM text 7C/434 Ann. 2

LATEST DEVELOPMENTS

Draft CPM text, 7C/434 Annex 2 (1 Oct 2026). Three methods.

DRAFT CPM METHODS

A Primary MetAids (space weather) in all six bands. MOD Art. 5, Art. 11 and App. 4 Annex 1.

B Same in five bands (not 608–614 MHz). MOD Art. 5 and App. 4 Annex 1; no change to Art. 11.

C Band-by-band allocations, with the regulatory provisions of Method A.

CONTROVERSIES

In CPM text

- No concerns recorded. Methods A vs B differ on 608–614 MHz.

Regional positions

ATU ⇄ Doubts 608–614 MHz (African use); ASMG same.

CEPT ⇄ Supports all bands; RCC all six bands.

BR ISSUES

- Method A: new No. 11.12bis — notification and MIFR recording of receive-only MetAids land stations; Nos. 11.31–11.34 adapted; new App. 4 Annex 1 items.
- Method B: no Art. 11 change (no MIFR recording).

AI 1.18 Unwanted emissions >76 GHz vs passive

Res. 712 (WRC-23) · Responsible: WP 7C, WP 7D · Stage: **Draft CPM text**

DESCRIPTION

Regulatory measures to protect EESS (passive) (Issue A, resolves 1) and RAS (Issue B, resolves 2) above 76 GHz from unwanted emissions of active services in adjacent bands.

FREQUENCY BANDS

EESS: Res. 712 Table 1 bands (e.g. 86–92, 114.25–116, 164–167, 200–209 GHz)

RAS / active: 76–81 / 71–76, 130–134 / 123–130, 164–167 / 167–174.5, 226–231.5 / 232–235 GHz

SOURCE DOCUMENTS

- Res. 712
- 7C/434
- 7D/329
- CPM text 7C/434 Ann. 3
- CPM text 7D/329 Ann. 4

LATEST DEVELOPMENTS

Draft CPM text, 7C/434 Annex 3 (2 Oct 2026), joint text with 7D/329 Annex 4 (resolves 1 and 2). Two methods for Issue A, eight for Issue B.

DRAFT CPM METHODS

A1	Issue A: add unwanted emission limits to Res. 750 (four parts, alternatives where active-service data are missing).
A2	Issue A: no change.
B1	Issue B: no change.
B2	Revise Res. 739: five sub-methods (threshold tables, body, footnotes, App. 4 commitments). B2.4 is mandatory.
B3	Add a commitment in App. 4.
B4	New mandatory Art. 5 footnotes with emission limits, plus App. 4 commitment.

CONTROVERSIES

In CPM text

- B2.3: power vs epfd threshold justification wrong.
- B2.4: binding limits in consultation-based Res. 739 — bad precedent.
- B3: 'to the extent practicable' changes meaning.

Regional positions

CEPT Res. 750 update; RA.769 thresholds.

ASMG No limits on active services.

BR ISSUES

- B2.4: binding epfd/pfd limits through an App. 4 commitment that the Bureau verifies.
- Other B methods: BR makes no examination or finding (draft resolves 3); text says no additional burden on BR.
- B3/B4: new App. 4 commitment.

AI 1.19 EESS (passive) 4.2–4.4 & 8.4–8.5 GHz

Res. 674 (WRC-23) · Responsible: WP 7C · Stage: **Draft CPM text**

DESCRIPTION

Possible primary EESS (passive) allocations in all Regions, without protection from existing services in-band and in adjacent bands.

FREQUENCY BANDS

Band 1: 4 200–4 400 MHz

Band 2: 8 400–8 500 MHz

SOURCE DOCUMENTS

- Res. 674
- 7C/434
- CPM text 7C/434 Ann. 4

LATEST DEVELOPMENTS

Draft CPM text, 7C/434 Annex 4 (1 Oct 2026). Studies vs RS.2017 protection criteria.

DRAFT CPM METHODS

1A	4.2 GHz: no change.
1B–1D	Primary EESS (passive), no protection claim from in-band services (1B), also LMS upper adjacent (1C), also both adjacent bands (1D).
2A	8.4 GHz: no change.
2B–2D	Primary EESS (passive), no protection from in-band services + no high-density MS footnote (2B), also FSS (E-s) lower adjacent (2C), also both adjacent (2D).

CONTROVERSIES

In CPM text

- Method 2B (no high-density MS footnote) said out of scope of Res. 674.

Regional positions

CEPT ⇄ EESS protected from IMT.

RCC ⇄ No protection, no constraints; ATU, ASMG same.

BR ISSUES

- No Bureau-specific action in the draft CPM text.

Agenda item 7

Res. 86 (Rev.WRC-07): satellite network procedures — advance publication, coordination, notification and recording. Topics A–E.

AI 7 A Appendix 4 data items

Res. 86 (Rev.WRC-07) · Responsible: WP 4A · Stage: **Draft CPM text**

DESCRIPTION

Modifications to Appendix 4 data items.

FREQUENCY BANDS

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SOURCE DOCUMENTS

- Res. 86
- TD list (Oct 2026)
- CPM text TD 0343

LATEST DEVELOPMENTS

Draft CPM text, WG 4A3, TD 0343 (29 Oct 2026), from 4A/1064 Annex 15.

DRAFT CPM METHODS

A MOD App. 4 Annex 2 data items A.4.b.7.d.1, A.4.b.7.d.2, A.27.b and C.8.b.3.c.

CONTROVERSIES

In CPM text

- Text calls it straightforward and non-controversial.

Regional positions

— No topic-level position found.

BR ISSUES

- Topic raised by BR: App. 4 Annex 2 gaps caused difficulties for BR examination (e.g. Nos. 5.475A, 5.478A). RRB Rules of Procedure correct this for now; RR change makes it permanent.

AI 7 B New coordination arc > 3.4 GHz

Res. 86 (Rev.WRC-07) · Responsible: WP 4A · Stage: **Draft CPM text**

DESCRIPTION

Add coordination arcs to App. 5 Table 5-1 for No. 9.7 cases where only ΔT/T applies today (mostly MSS). Bands below 3.4 GHz excluded.

FREQUENCY BANDS

10.7–10.95, 11.2–11.45 GHz (R1, E-s)

13.4–13.65 GHz (R1), 14–14.5 GHz

39.5–40.5, 40.5–41 (R2), 43.5–47 GHz

50.4–51.4, 66–71, 71–74, 81–84 GHz

SOURCE DOCUMENTS

- Res. 86
- TD list (Oct 2026)
- CPM text TD 0344

LATEST DEVELOPMENTS

Draft CPM text, WG 4A3, TD 0344 (29 Oct 2026). New Method B4 (no change). Band list revised: 10.7–10.95 and 11.2–11.45 GHz (R1) replace 10.7–11.7 GHz; [123–130] and [252–265] GHz removed.

DRAFT CPM METHODS

B1	±16° in all listed bands.
B2	±8° (10.7–14.5 GHz), ±6° (39.5–47 GHz), ±4° (50.4 GHz and above).
B3	±8° in all listed bands.
B4	No change to App. 5 Table 5-1 (also possible band by band).

CONTROVERSIES

In CPM text

- Arc values differ (±4° to ±16°); new Method B4 (no change).

Regional positions

CITEL One administration supports arc review.

BR ISSUES

- Fewer coordination requirements under ΔT/T and fewer No. 9.41 requests and No. 11.41 notifications — lower BR workload.
- App. 5 Table 5-1 change applies in BR identification of coordination requirements.

AI 7 C Revision of Res. 170 (App. 30B)

Res. 86 (Rev.WRC-07) · Responsible: WP 4A · Stage: **Draft CPM text**

DESCRIPTION

Revise Res. 170 (Rev.WRC-23): additional measures for satellite networks in the FSS under Appendix 30B.

FREQUENCY BANDS

App. 30B bands

SOURCE DOCUMENTS

- Res. 86
- TD list (Oct 2026)
- CPM text TD 0361

LATEST DEVELOPMENTS

Draft CPM text, WG 4A3, TD 0361 (29 Oct 2026), from 4A/1064 Ann. 17, 4A/1106, 4A/1255. New Method C3.

DRAFT CPM METHODS

C1 No change.

C2 One national network plus up to two group networks per administration; no fixed BIU time limit; extra coordination procedure for critical cases.

C3 Restructure Attachment 1; repeat procedure one at a time; ignore pre-2009 List entries for eligibility; flat 0 dB coverage in service area; time to correct Art. 21/22 excess; BIU extension with RRB approval.

CONTROVERSIES

In CPM text

- C2: measurement campaigns cannot replace coordination.
- No fixed BIU deadline = de facto Plan; blocks new entrants.

Regional positions

CEPT AI 7 general: fix only identified inconsistencies.

BR ISSUES

- C3: BR generates the minimum ellipse but can give a flat 0 dB coverage in the service area; time to correct Art. 21/22 hard-limit excess before an unfavourable finding.
- C2/C3: no fixed BIU time limit or BIU extension with RRB approval; BR processing of repeat submissions.
- Measurement campaigns with BR assistance (resource and cost concern).

AI 7 D Revision of Res. 553 (21.4–22 GHz BSS)

Res. 86 (Rev.WRC-07) · Responsible: WP 4A · Stage: **Draft CPM text**

DESCRIPTION

Revise Res. 553 (Rev.WRC-23): special measures for equitable access to BSS in 21.4–22 GHz in Regions 1 and 3.

FREQUENCY BANDS

21.4–22 GHz (BSS, R1 & R3)

SOURCE DOCUMENTS

- Res. 86
- TD list (Oct 2026)
- CPM text TD 0362

LATEST DEVELOPMENTS

Draft CPM text, WG 4A3, TD 0362 (29 Oct 2026), from 4A/1064 Ann. 18 and later contributions. New Method D3.

DRAFT CPM METHODS

D1 No change.

D2 One national network plus up to two group networks per administration; no fixed BIU time limit; extra coordination procedure for critical cases.

D3 Two networks at a time (one national, one subregional group); BR generates flat 0 dB coverage in service area; BIU extension with RRB approval.

CONTROVERSIES

In CPM text

- D2: measurement campaigns cannot replace coordination.
- No fixed BIU deadline = de facto Plan; blocks new entrants.

Regional positions

CEPT AI 7 general: fix only identified inconsistencies.

BR ISSUES

- D3: BR generates flat 0 dB coverage within the service area.
- BR examines 21.4–22 GHz BSS with grid points in incumbent service areas; BIU extension with RRB approval (D3); no fixed BIU (D2).
- Measurement campaigns with BR assistance; principles for No. 11.32A examination.

AI 7 E RR No. 4.4 for space stations

Res. 86 (Rev.WRC-07) · Responsible: WP 4A · Stage: **Draft CPM text**

DESCRIPTION

Potential regulatory improvements on application of RR No. 4.4 to space station frequency assignments.

FREQUENCY BANDS

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SOURCE DOCUMENTS

- Res. 86
- TD list (Oct 2026)
- CPM text TD 0345

LATEST DEVELOPMENTS

Draft CPM text, WG 4A3, TD 0345 (29 Oct 2026), from 4A/1064 and contributions (KOR, MCP, CHN, AUS, RUS, CAN, USA).

DRAFT CPM METHODS

E1 No change. Rely on current framework and Rules of Procedure on No. 4.4.

E2 MOD No. 9.3 (comments on No. 4.4 assignments) and No. 9.4 (no network change required for No. 4.4 cases). New App. 4 item: list of provisions not complied with; enables statistics.

E3 New Resolution on No. 4.4 for space stations, new footnotes and App. 4 items; RoP on No. 4.4 incorporated; obligations, reporting and interference resolution.

CONTROVERSIES

In CPM text

- Scope dispute: identification signals (Art. 19) and indirect changes to Arts. 4, 15, 19 said out of scope; text in square brackets.

Regional positions

CITEL One administration supports new measures (Resolution, App. 4 items).

BR ISSUES

- Topic follows BR reports on increased use of No. 4.4 (WRC-19, WRC-23 Director's Report). BR has never received a harmful interference report from a No. 4.4 assignment.
- E2: new App. 4 item (provisions not complied with) — BR checks and collects statistics.
- E3: BR returns notices without call sign; publishes list of commenting administrations and summary; records lack of cooperation after [25] days; facilitates interference resolution, then reports to RRB after 60 days.