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| The International Teleocmmunication Union - Connecting the World. | | **International telecommunication union**  **Telecommunication Standardization Bureau** | |  |
|  | | | Geneva, 22 July 2019 | |
| **Ref:** | **TSB Circular 188**  SG15/HO | | **To:**  - Administrations of Member States of the Union | |
| **Tel:** | +41 22 730 6356 | |
| **Fax:** | +41 22 730 5853 | |
| **E-mail:** | [tsbsg15@itu.int](mailto:tsbsg15@itu.int) | | **Copy to:**  - ITU-T Sector Members;  - Associates of ITU-T Study Group 15;  - ITU Academia;  - The Chairman and Vice-Chairmen of ITU-T Study Group 15;  - The Director of the Telecommunication Development Bureau;  - The Director of the Radiocommunication Bureau | |
| **Subject:** | **Member State consultation on Determined draft new Recommendation ITU-T G.9710 and draft Amendment 3 to ITU-T G.9964 (2011), proposed for approval at the meeting of ITU-T Study Group 15, Geneva, 27 January – 7 February 2020** | | | |

Dear Sir/Madam,

1 ITU-T Study Group 15 (Networks, Technologies and Infrastructures for Transport, Access and Home) intends to apply the Traditional Approval Procedure as described in Section 9 of WTSA Resolution 1 (Rev. Hammamet, 2016) for the approval of the above-mentioned draft Recommendations at its next meeting in Geneva, 27 January to 7 February 2020. The agenda and all relevant information concerning the ITU-T Study Group 15 meeting will be available in Collective letter 5/15.

2 The titles, summaries and locations of the draft ITU-T Recommendations proposed for approval can be found in **Annex 1**.

3 This Circular initiates the formal consultation with ITU Member States on whether this text may be considered for approval at the upcoming meeting, in accordance with clause 9.4 of Resolution 1. Member States are kindly requested to complete and return the form in **Annex 2** by 2359 hours UTC on **15 January 2020**.

4 If 70% or more of the replies from Member States support consideration for approval, one Plenary session will be devoted to apply the approval procedure. Member States that do not assign authority to proceed should inform the Director of TSB of the reasons for this opinion and indicate the possible changes that would enable the work to progress.

Yours faithfully,

*(signed)*

Chaesub Lee  
Director of the Telecommunication  
Standardization Bureau

**Annexes: 2**

ANNEX 1

Summary and location of Determined draft texts

# 1 Draft new Recommendation ITU-T G.9710 (ex. G.mgfast-PSD) [[SG15-R18](https://www.itu.int/md/T17-SG15-R-0018/en)]

**Multi-gigabit fast access to subscriber terminals (MGfast) – Power spectral density specification**

## Summary

Recommendation ITU-T G.9710 specifies power spectral density (PSD) mask requirements for Multi-gigabit fast access to subscriber terminals (MGfast), a set of tools to support reduction of the transmit PSD mask, and a methodology for transmit PSD verification. It supports operation over both twisted pair and coaxial cable media.

# 2 Draft Amendment 3 to Recommendation ITU-T G.9964 (2011) [[SG15-R19](https://www.itu.int/md/T17-SG15-R-0019/en)]

**Unified high-speed wireline-based home networking transceivers – Power spectral density specification - Amendment 3**

## Summary

Recommendation ITU-T G.9964 specifies the control parameters that determine spectral content, power spectral density (PSD) mask requirements, a set of tools to support reduction of the transmit PSD, means to measure this PSD for transmission over telephone wiring, power line wiring and coaxial cable, as well as the allowable total transmit power into a specified termination impedance. It complements the system architecture and physical layer (PHY) specification in Recommendation ITU-T G.9960, and the data link layer (DLL) specification in Recommendation ITU-T G.9961, as well as the modifications and additions to these Recommendations specifying the multiple input/multiple output (MIMO) home networking transceiver in Recommendation ITU-T G.9963.

Amendment 1 adds support for a new profile for 200 MHz baseband coaxial.

Amendment 2 contains the specification of spectral content for 200 MHz bandplan for telephone lines.

Amendment 3 includes the extension of the Recommendation to operate on an extended bandwidth over coaxial and phoneline mediums.

**TSB NOTE** – As of the date of this Circular, one or more IPR statements had been received by TSB regarding this draft text. For up-to-date information, members are invited to consult the IPR database at [www.itu.int/ipr/](http://www.itu.int/ipr/).

ANNEX 2

Subject: Member State response to TSB Circular 188:  
Consultation on Determined draft ITU-T G.9710 and draft Amendment 3 to   
ITU-T G.9964

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| --- | --- | --- | --- |
| **To**: | Director of the  Telecommunication Standardization Bureau,  International Telecommunication Union  Place des Nations  CH 1211 Geneva 20, Switzerland | **From**: | [Name]  [Official role/title]  [Address] |
| **Fax**:  **E-mail**: | +41-22-730-5853  [tsbdir@itu.int](mailto:tsbdir@itu.int) | **Fax**:  **E-mail**: |  |
|  |  | **Date**: | [Place,] [Date] |

Dear Sir/Madam,

With respect to the Member State consultation on the Determined draft text listed in TSB Circular 188, I would like to advise you of the opinion of this Administration, which is set out in the table below.

|  | **Select one of the two boxes for each text** |
| --- | --- |
| **Draft new ITU-T G.9710 (ex. G.mgfast-PSD)** | **assigns authority** to Study Group 15 to consider this text for approval (in which case, select one of the two options ⃝):  ⃝ No comments or suggested changes  ⃝ Comments and suggested changes are attached |
| **does not assign authority** to Study Group 15 to consider this text for approval (reasons for this opinion and an outline of possible changes that would enable the work to progress are attached) |
| **Draft Amendment 3 to ITU-T G.9964** | **assigns authority** to Study Group 15 to consider this text for approval (in which case, select one of the two options ⃝):  ⃝ No comments or suggested changes  ⃝ Comments and suggested changes are attached |
| **does not assign authority** to Study Group 15 to consider this text for approval (reasons for this opinion and an outline of possible changes that would enable the work to progress are attached) |

Yours faithfully,

[Name]

[Official role/title]

Administration of [Member State]

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