

To: Michael Miller
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From: Leann Nguyen
Date: September 23, 2025

Subject: Request for Info - File # 0546-EX-CN-2025

Message:

Space Bureaus requests the following information

1) The pfd analysis for the 2185 MHz downlink shows a pfd in a 4 kHz. However, in Resolution 212, the reference bandwidth is given as 1 MHz. Please provide the pfd showing with the 1 MHz reference bandwidth.

RESOLUTION 212 (REV.WRC-23)

Implementation of International Mobile Telecommunications in the frequency bands 1 885-2 025 MHz and 2 110-2 200 MHz

ANNEX TO RESOLUTION 212 (REV.WRC-23)

e) Consider reducing the power flux-density to a level sufficient for coexistence, for example to nominally -122 dBW/m² for 1 MHz for the protection of some base stations or nominally -108.8 dBW/m² for 1 MHz for the protection of some user equipment on the Earth's surface on the territories of other administrations using this frequency band for the terrestrial IMT component.

2) Please provide the pfd showing complying with the -122 dBW/m² in 1 MHz reference bandwidth.

3) Our review of all three CR/C filing for the 2185 MHz frequency band, the minimum power is identical to the max power. We calculated the pfd using these parameters and the calculated pfd did not meet the pfd limit in Resolution 212 of -108 dBW/m² in 1 MHz. Please explain how the satellite will meet these pfd limits requirements.

The items indicated above must be submitted before processing can continue on the above referenced application. Failure to provide the requested information within 30 days of September 23, 2025 may result in application dismissal pursuant to Section 5.67 and forfeiture of the filing fee pursuant to Section 1.1108.

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Responses to this correspondence must contain the Reference number : 97076