



The International Amateur Radio Union

Since 1925, the Federation of National Amateur Radio Societies
Representing the Interests of Two-Way Amateur Radio Communication

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Date: 20 April 2021

To James Cutler KF6RFX

Dear James,

With pleasure I confirm the IARU frequency coordination for your satellite
MARIO.

Coordinated frequency for downlink and uplink: 437.485 MHz

Emission Designator: 14K4F1D

Output power: 30 dBm

Licensing administration: USA

Planned launch date: fall of 2021.

Height and Orbit: Apogee 410 km, perigee 408 km, inclination 51.6
degrees, period approximately 92.68 min

Telecommand station: KF6RFX

IARU has coordinated a frequency in a band allocated to the amateur
satellite service. All frequencies in the amateur satellite service are shared
frequencies.

Please inform me about the final launch date and the API/A number as soon
as that information becomes available.

Best wishes for a successful project,

Hans Blondeel Timmerman
IARU Satellite Advisor

