

From: Franklin Williams

To: Behnam Ghaffari

Date: November 10, 2021

Subject: FCC File No. 1713-EX-ST-2021

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Message:

() Please provide the frequency bands operate by 0.4318m L3Harris Technologies, Inc. WPM-1000 antenna. If the 0.4318m L3Harris Technologies, Inc. WPM-1000 antenna will communicate with Galaxy 28 satellite in the 5925-6425 MHz and 14-14.5 GHz and AMC-15 satellite in the 14-14.5 GHz band, please certify the Off-axis EIRP density envelopes of 0.4318m L3Harris Technologies, Inc. WPM-1000 will meet the § 25.218 of the Commission's rule.

Response:

The WPM-1000 is not an antenna. It is a modem that has input into an antenna of choice. The 0.4318 m antenna will only be used for Ka-band.

() Please certify that the Off-axis EIRP density envelopes of 2.4m L3Harris Technologies, Inc. Hawkey III meet the § 25.218 of the Commission's rule.

Response:

The 2.4 m L3Harris Hawkey III meets the Off-axis EIRP density envelopes stated in § 25.218 of the Commission's rule.

() Please confirm that the 0.4318m L3Harris Technologies, Inc. WPM-1000, 0.4318m ThinKom Falcon Ka2517, and 2.4m L3Harris Technologies, Inc. Hawkey III will operate at Maximum Input Power of 13.2 dBW (20.89 W) and EIRP of 50.5 dBW (112,202W/ 6,8391W ERP). If yes, please amend and reduce all the proposed power levels to 6,8391 W ERP.

Response:

L3Harris will conform to the proposed power levels of a maximum of 6,8391 W ERP.