

From: Roy Crosthwaite

To: Behnam Ghaffari

Date: January 11, 2021

Subject: FCC File No. 1058-EX-CN-2020

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Message:

Response to Correspondence Reference Number 59404

Applicant: Liteye Systems Inc

File Number: 1058-EX-CN-2020

Confirmation Number: EL551984

Date of Original Email: 01/11/2021

Copied from correspondence:

As it is stated on your STA authorization "The FAA does not concur with the radar mounted on a moving vehicle". Do you intend to move your radar around? And furthermore, will the radar be on board of UAV/UAS? If yes, what is the above ground level (AGL) during operation?

The radar is only operational while stationary. This is a trailer mounted system on a hydraulic lift, as such it does not allow for mobile operation. The concern the FAA had was possible interference with Airport Surface Detection Equipment at DIA which is 52 miles to the south of our location. Our radar operation is in a 180-degree pattern in a northerly direction pointing away from DIA.

There will not be any radar operation from UAV/UAS. Our testing is for detection and tracking of small UAS (sUAS) which does not support on-board radar.

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