

From: Greg Hansen

To: Behnam Ghaffari

Date: October 13, 2015

Subject: FCC File No. 0848-EX-ST-2015

Message:

To: Behnam Ghaffari

Date: 10/13/2015

From: Greg Hansen

L-3 Communications CS-W

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Subject: Reply to 10/13/2015 correspondence regarding FCC File No. 0848-EX-ST-2015

Reference number: 29774

The STA included the military Ka-band in-case a customer comes forward wanting a demonstration in those frequencies. At this time, L-3 is working with USMC and US Army and therefore may need to use the 20.2-21.2 and 30.0-31.0 GHz bands.

Response to questions:

a) Satellite name and orbital location that this terminal will communicate with:

Wideband Global SATCOM (WGS) satellite time will require coordination with the interested military sponsor. We do not have a current customer right now.

b) Specific RF testing parameters (frequency/emission designator/ERP…) for both the uplink and downlink:

RF testing parameters would be similar to those indicated in the STA attachment. Final testing parameters would be determined based on the military customers requirements and coordinated at that time.

c) Name of military customer(s) that this STA will support:

L-3 anticipates that this antenna could be used on small UAS such as the Insitu Integrator for military applications. As indicated above, CS-W is currently in discussions with the USMC and US Army.