

From: Steven Hemple

To: Leann Nguyen

Date: February 05, 2018

Subject: Request for Info - File # 0015-EX-CM-2018

Message:

Ms. Nguyen,

Please find in this correspondence the answers to the International Bureau's queries.

1) Please specify the frequency band and its associated emission designator and power (ERP) that will be operated by 75 cm and 180 cm earth station terminals, and GM40 aeronautical earth stations.

Earth Station Terminal :	GM40	75 cm	180 cm
Emission Designator:	320MG7D 160MG7D 80MG7D	320MG7D 160MG7D 80MG7D	320MG7D 160MG7D 80MG7D
Frequency Band [MHz]:	28350-30000	28350-30000	28350-30000
ERP [W]:	354730	384730	3508780*

(*Question 2 regarding the ERP of the 180 cm ES terminal is addressed in this table.)

3) In response to the comment that Viasat's operations with ERP levels exceeding Article 22 of the ITU radio regulations Viasat submits the following:

The 180 cm and 75 cm Earth Station terminals are fixed and non-tracking thus will not be used on the O3b constellation. The GM40 while having an increased EIRP uses a larger carrier thus the EIRP density of the GM40 will be nominally less than and at most the same as the M40 terminal listed on the current Experimental license authorization.

Best Regards,

Steven Hemple
Viasat, Inc.