

## Anthony Serafini

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**From:** Carlos Flores  
**Sent:** Monday, February 13, 2017 5:08 PM  
**To:** Anthony Serafini  
**Cc:** Jeanette Spriggs  
**Subject:** RE: Coordination Aerospace Corp 0245-EX-CN-2016

**Follow Up Flag:** Follow up  
**Flag Status:** Flagged

Tony,

IB/SD has reviewed the subject request and has the following comments/questions:

We've reviewed the ODAR and notice that it was not signed. Applicant please signed the ODAR.

We also seek clarification on the cubesats names. Are the cubesats name AeroCube-11A and -11B, Aerocube-11AB or AeroCube-11A and TOMSat?

On form 442, uplink (El Segundo) the ERP value is 6908 W; however, our calculation shows an ERP of 6095 W.

Calculation:  $10 \text{ dBW} + 30 \text{ dBi} = 40 \text{ dBW} - 2.15 \text{ dB (to convert to ERP)} = 37.85 \text{ dBW}$ ; divide 10 and raised to the 10 power yields 6095 W ERP. Please check this value.

On form 442, uplink (College Station, Gainesville, Kihel, Mt. Wilson, Vandenberg AFB and Logan) the ERP value is 869 W; however, our calculation shows an ERP of 1084 W.

Calculation:  $9.5 \text{ dBW} + 23 \text{ dBi} = 32.5 \text{ dBW} - 2.15 \text{ dB (to convert to ERP)} = 30.35 \text{ dBW}$ ; divide 10 and raised to the 10 power yields 1084 W ERP. Please check this value for all the uplink E/S.

On the SpaceCap API, downlink, the minimum elevation angle should be 5 degrees.

Thanks,  
Carlos

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**From:** Jeanette Spriggs  
**Sent:** Thursday, January 19, 2017 2:37 PM  
**To:** Carlos Flores <[Carlos.Flores@fcc.gov](mailto:Carlos.Flores@fcc.gov)>; Sankar Persaud <[Sankar.Persaud@fcc.gov](mailto:Sankar.Persaud@fcc.gov)>; Joseph Hill <[Joseph.Hill@fcc.gov](mailto:Joseph.Hill@fcc.gov)>; Stephen Duall <[Stephen.Duall@fcc.gov](mailto:Stephen.Duall@fcc.gov)>; Jose Trevino <[Jose.Trevino@fcc.gov](mailto:Jose.Trevino@fcc.gov)>  
**Cc:** Jeanette Spriggs <[Jeanette.Spriggs@fcc.gov](mailto:Jeanette.Spriggs@fcc.gov)>  
**Subject:** FW: Coordination Aerospace Corp 0245-EX-CN-2016

Comments are due by February 13, 2017. See attachments for your review.

Thanks.  
Jeanette

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**From:** Anthony Serafini  
**Sent:** Friday, January 13, 2017 8:13 AM  
**To:** Jeanette Spriggs <[Jeanette.Spriggs@fcc.gov](mailto:Jeanette.Spriggs@fcc.gov)>  
**Subject:** Coordination Aerospace Corp 0245-EX-CN-2016

Jeanette

Please see the attached request for coordination. Normal 30 day response is requested.

Thanks  
Tony