

## Jeff Reynolds

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**From:** Jeff Reynolds  
**Sent:** Wednesday, October 31, 2018 11:10 AM  
**To:** frequencymanager@ntia.doc.gov  
**Cc:** tstoner@univision.net; karl@amfmtv-rf.com  
**Subject:** FW: Additional Table Mountain Coordination Request/KTFD-DT, TV Channel 32, Boulder, CO  
**Attachments:** KCEC FCC Authorization.pdf; JeffReynolds16August2018.pdf; KCEC CP Modification Application Review Copy.pdf

Mike, our client Spanish Television of Denver, Inc., licensee of KCEC (formerly KTFD-DT), recently obtained approval from the FCC for the 1000 kW operation ("CP", FCC LMS File No. 0000029929, copy attached) which Table Mountain approved on August 16<sup>th</sup> (copy of Table Mountain approval attached). However, It has been determined that KCEC's CP operation will cause the radio frequency exposure (RFE) standards to be exceeded at some locations in the vicinity of the transmitter. Therefore, it is proposed to modify the KCEC CP to reduce the directional antenna maximum ERP from 1000 kW to 650 kW and to change the antenna orientation from 28.5 degrees true to 4 degrees true in order to permit compliance with the RFE standards at all locations and to not exceed the field strength at Table Mountain for KCEC's current CP, license and baseline facilities. No other changes are proposed. Therefore, by this e-mail we are requesting to coordinate the modified channel 32 facilities.

Attached is a pdf file for the FCC modification application for the proposed digital channel 32 operation which includes the antenna information (horizontal and vertical plane patterns). The peak main lobe power gain figures are 32.5 (15.12 dBd) for the horizontal polarization and 9.8 (9.89 dBd) for the vertical polarization.

As indicated by the FCC TVStudy analysis reports which are included in the FCC modification application, the field strengths at Table Mountain for KCEC's current CP, license and baseline and are all 99.6 dBu (95.9 mV/m), whereas the field strength based on the CP modification application will be 99.4 dBu (93.5 mV/m), or 0.2 dB less than for the current CP, license and baseline.

Please do not hesitate to contact me if you find that you need additional information to complete your review.

Sincerely,

Jeff Reynolds

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**From:** Frequency Manager [<mailto:frequencymanager@ntia.doc.gov>]  
**Sent:** Thursday, August 16, 2018 1:26 PM  
**To:** Jeff Reynolds  
**Cc:** Kevin Harding  
**Subject:** RE: Additional Table Mountain Coordination Request/KTFD-DT, TV Channel 32, Boulder, CO

Hi Jeff,

Attached is the coordination of approval.

Thanks!  
Mike Chang

*Institute for Telecommunication Sciences*  
*325 Broadway, Boulder, CO 80305*  
*303-497-4220*