



## Emergency Telephone System Board

Enhanced 9-1-1 Emergency Service For DuPage County  
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### ***Overview of Revisions to August 24, 2009 700MHz Application***

The purpose of this document is to provide a brief overview of the changes that were made to the original August 24, 2009, application.

Region 54 requested amendments or responses to the following ten [10] points for the RPC-54 Application:

- 1. The first error is the number entered in AAT on the form. It appears that the AMSL is the number which was use in place of the AAT. The AAT is a calculation which is performed to determine the Height Above Average Terrain.**

*DuPage Response:* Form H page 2 of the CAPRAD application, line item #22 to reflect the proper numbers for AAT by using the FCC AAT calculator and NOT using the AMSL data. Cross checked the data on line #22 with the FCC maximum AAT for Illinois for region 1 at 160m. All of the DuPage data on line #22 is below the FCC maximum. See pages 37 and 58.

- 2. Review mobile count, application and narrative don't seem to match.**

*DuPage Response:* Section 7 page 23 count matches narrative and Caprad application. See Caprad application pages 65 – 72.

- 3. Correct the number of sites per application to 6 maximum. Again possibly a CAPRAD issue.**

*DuPage Response:* Application split in Caprad and in the document to locations 1-6 and 7-11. See section 8 pages 25 – 72.

- 4. The need for Extended Implementation (Slow Growth) request. The Region believes that due to the method in which the County will be deploying it's equipment/network, fixed and subscriber over a period of years that the County should request an Extended Implementation for the system, which will provide the County 5 years to fully deploy with the possibility of requesting an additional 5 years, if necessary, totaling 10 years to fully deploy the Du Page Network**

*DuPage Response:* Section 7 pages 19 -23 revised to show slow growth plan.

- 5. There was a mistake in the prediction requirement parameter for the 700 channels for the region. The 25 dBu as been replaced by a 60 dbu parameter for adjacent channel protection. (Revised requirement 6-29-09) Talk-out coverage maps at 40, 60 and 5 dB $\mu$  using TIA/EIA TSB88-B or latest version.**

*DuPage Response:* Coverage maps provided: 5dBu, 40dBu, 60dBu composite and for each site. 25dBu maps removed. See pages 73 – 110

- 6. Please go on Caprad and delete those (10) older applications which are no longer valid**

*DuPage Response:* All draft applications deleted

- 7. Some kind of signed resolution, which all agencies have signed and indicate commitment to system use.**

*DuPage Response:* All of the agency resolutions were attached

- 8. Extended Implementation, no is checked.**

*DuPage Response:* Region 54 has agreed to make the change in the Caprad document to “yes” DuPage

- 9. No FDMA emission for FB2?? Was under the impression that some of the TX were going to do both.**

*DuPage Response:* According to Motorola, 8k70D1W is for GTR8000 LSM FDMA base stations and 8k10D7W is for TDMA base stations

- 10. Analog emission for some freq's? Need explanation what that's for.**

*DuPage Response:* See page 10 of the application