

**MODIFY BNPTT-20000802AEI**  
**MAINSTREET BROADCASTING CO., INC.**  
**K34GI LPTV STATION**  
**CH 34+ - (590-596 MHZ) - 1.0 KW**  
**TRINIDAD, COLORADO**  
**November 2002**

**TECHNICAL STATEMENT**

This technical statement and attached exhibits were prepared on behalf of Mainstreet Broadcasting Co., Inc. ("MBC"), permittee of LPTV station K34GI, Channel 34+, Trinidad, Colorado.<sup>1</sup> MBC herein proposes to make a minor change in the facilities of K34GI by relocating the site and slightly increasing the antenna height above average terrain. No other changes are proposed.

MBC is proposing to mount the antenna system for K34GI on a new 100 foot tower. Since the proposed tower is less than 100 feet and not within 8 kilometers of any airport, the Federal Aviation Administration was not apprised on this proposal.<sup>2</sup> This modification complies with the interference provisions of §74.705, §74.706 and §74.707 of the rules. See Exhibit A for details. Attached as Exhibit B is a radio frequency radiation study for the proposed facility. All remaining exhibits used to prepare FCC Form 346 have been forwarded to MBC and are available for submission to the Commission upon request.

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- 1) The permit for K34GI was assigned from Shon Heersink to Mainstreet Broadcasting Co., Inc., on October 21, 2002.
  - 2) The need for tower registration was checked using the Commissions Towair program.

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**EXHIBIT A1**

IMPACTED STATION INTERFERENCE REVIEW  
K34GI LPTV STATION TRINIDAD, COLORADO

|                                  |                                     |                 |
|----------------------------------|-------------------------------------|-----------------|
| REFERENCE                        |                                     | DISPLAY DATES   |
| 37 14 14 N                       | LPTV Pwr = 1 kW, HAMS L COR= 2192 M | DATA 11-22-02   |
| 104 30 52 W                      |                                     | SEARCH 11-22-02 |
| ..... Channel 34+, 590 MHz ..... |                                     |                 |

| Call                                 | Channel | Location                 | Dist               | Azi           | FCC | Margin |
|--------------------------------------|---------|--------------------------|--------------------|---------------|-----|--------|
| N. Lat.                              | W. Lng. | Power                    | HAAT               |               |     |        |
| <b>K34GI CP 34+ Trinidad</b>         |         | <b>CO 13.34 186.5</b>    | <b>&gt; 112.99</b> | <b>-99.65</b> |     |        |
| <b>37 07 04 104 31 53 XN</b>         |         | <b>0.840 kW 236 M</b>    |                    |               |     |        |
| <b>Mainstreet Broadcasting Co.</b>   |         | <b>BNPTT-20000802AEI</b> |                    |               |     |        |
|                                      |         |                          |                    |               |     |        |
| <i>K34FB LI 34N Pueblo</i>           |         | <i>CO 120.02 355.7</i>   | <i>&gt; 109.82</i> | <i>10.20</i>  |     |        |
| <i>38 18 56 104 37 01 DXN</i>        |         | <i>1.340 kW 95 M</i>     |                    |               |     |        |
| <i>Telemundo Of Steamboat Sprngs</i> |         | <i>BLTT-19991201ABI</i>  |                    |               |     |        |
|                                      |         |                          |                    |               |     |        |
| <i>KWGNTV ALD 34 DENVER</i>          |         | <i>CO 284.12 347.5</i>   | <i>&gt; 250.48</i> | <i>33.64</i>  |     |        |
| <i>39 43 59 105 14 12 D</i>          |         | <i>1000.000 kW 319 M</i> |                    |               |     |        |
| <i>BLCT-2132</i>                     |         |                          |                    |               |     |        |
|                                      |         |                          |                    |               |     |        |
| <i>KWGN-D CP 34 Denver</i>           |         | <i>CO 284.07 347.5</i>   | <i>&gt; 250.38</i> | <i>33.69</i>  |     |        |
| <i>39 43 58 105 14 08 TY</i>         |         | <i>1000.000 kW 318 M</i> |                    |               |     |        |
| <i>KWGN Inc.</i>                     |         | <i>BPCDT-19991029AHP</i> |                    |               |     |        |
|                                      |         |                          |                    |               |     |        |
| <i>KWGN-D ST 34 Denver</i>           |         | <i>CO 284.07 347.5</i>   | <i>&gt; 234.14</i> | <i>49.93</i>  |     |        |
| <i>39 43 58 105 14 07 DTN</i>        |         | <i>450.000 kW 248 M</i>  |                    |               |     |        |
| <i>KWGN Inc.</i>                     |         | <i>BDSTA-20020625AKS</i> |                    |               |     |        |
|                                      |         |                          |                    |               |     |        |
| <i>K33FK LI 33Z Angel Fire</i>       |         | <i>NM 92.85 223.3</i>    | <i>&gt; 036.83</i> | <i>56.02</i>  |     |        |
| <i>36 37 39 105 13 41 DXN</i>        |         | <i>3.460 kW 967 M</i>    |                    |               |     |        |
| <i>Regents Of The University</i>     |         | <i>BLTT-20000622AEJ</i>  |                    |               |     |        |
|                                      |         |                          |                    |               |     |        |
| <i>K35BZ LI 35N Eagle Nest</i>       |         | <i>NM 91.87 224.0</i>    | <i>&gt; 035.61</i> | <i>56.26</i>  |     |        |
| <i>36 38 28 105 13 48 DXN</i>        |         | <i>2.880 kW 971 M</i>    |                    |               |     |        |
| <i>Eagle Nest Tv Association</i>     |         | <i>BLTTV-19881219IG</i>  |                    |               |     |        |
|                                      |         |                          |                    |               |     |        |
| <i>K54BN CP 33- Capulin, Etc.</i>    |         | <i>NM 81.93 136.0</i>    | <i>&gt; 025.49</i> | <i>56.44</i>  |     |        |
| <i>36 42 19 103 52 35 DXN</i>        |         | <i>0.881 kW 734 M</i>    |                    |               |     |        |
| <i>Regents Of The University</i>     |         | <i>BPTT-20000629AFJ</i>  |                    |               |     |        |

*Note: All station were reviewed for compliance with §74.705, §74.706 and §74.707. Only those in italics are shown on Exhibit A2 and A3.*



