

Engineering Exhibit
APPLICATION FOR A
DIGITAL TELEVISION STATION LICENSE
prepared for
Multimedia Holdings Corporation

KUSA-DT Denver Colorado
Facility ID 23074
Ch. 16 37 kW 374.6 m

Table of Contents

FCC Form 302-DTV - Section III

Exhibit 7

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| Statement A | Constructed Facility |
| Table 1 | Antenna / Line System Gains and Losses |

Exhibit 8

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| Statement B | Compliance with Special Operating Conditions |
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This material supplies a "hard copy" of the engineering portions of this application as entered May 15, 2008 for filing electronically. Since the FCC's electronic filing system may be accessed by anyone with the applicant's name and password, and electronic data may otherwise be altered in an unauthorized fashion, we cannot be responsible for changes made subsequent to our entry of this data and related attachments.

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| Section III - Engineering | | |
| TECHNICAL SPECIFICATIONS | | |
| Ensure that the specifications below are accurate. Contradicting data found elsewhere in this application will be disregarded. All items must be completed. The response "on file" is not acceptable. | | |
| TECH BOX | | |
| 1. | Channel: 16 | |
| 2. | Operating Constants | |
| | Transmitter power output (average power at input to transmission line, after any filter attached to the transmitter, if used) | Transmission line power loss |
| | -0.02 dBk 0.99 kW | 1.1 dB |
| | Antenna Input power | Maximum antenna power gain |
| | -1.12 dBk | 16.82 dB |
| | | Maximum effective radiated power |
| | | 15.7 dBk 37 kW |
| 3. | Antenna Data | |
| | Manufacturer DIE | Model TUC-C4SP-12/48U-4-T |
| NOTE: In addition to the information called for in this section, an explanatory exhibit providing full particulars must be submitted for each question for which a "No" response is provided. | | |
| CERTIFICATION | | |
| 4. | Main Studio Location. The main studio location complies with 47 C.F.R. Section 73.1125. | <input checked="" type="radio"/> Yes <input type="radio"/> No See Explanation in [Exhibit 6] |
| 5. | Constructed Facility The facility was constructed as authorized in the underlying construction permit or complies with 47 C.F.R. Section 73.1690. | <input checked="" type="radio"/> Yes <input type="radio"/> No See Explanation in [Exhibit 7] |
| 6. | Special Operating Conditions. The facility was constructed in compliance with all special operating conditions, terms, and obligations described in the construction permit. An exhibit may be required. Review the underlying construction permit | <input checked="" type="radio"/> Yes <input type="radio"/> No See Explanation in [Exhibit 8] |
| 7. | Transmitter. The transmitter complies with 47 C.F.R. Section 73.1660. | <input checked="" type="radio"/> Yes <input type="radio"/> No See Explanation in [Exhibit 9] |

APPLICATION FILED PURSUANT TO 47 C.F.R. SECTIONS 73.1675(c) OR 73.1690(c).

Only applicants filing this application pursuant to 47 C.F.R. Sections 73.1675(c) or 73.1690(c) must complete the following section.

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| 8. | Changing transmitter power output. Is this application being filed to authorize a change in transmitter power output caused by the replacement of an omnidirectional antenna with another omnidirectional antenna or an alteration of the transmission line system? See 47 C.F.R. Sections 73.1690(c)(1) and (c)(10). | <input type="radio"/> Yes <input checked="" type="radio"/> No |
| 9. | Replacing a directional antenna. Is this application being filed pursuant to 47 C.F.R. Section 73.1690(c)(3) to replace a directional antenna with another directional antenna? If "Yes" to the above, the applicant certifies the following: | <input type="radio"/> Yes <input checked="" type="radio"/> No |
| | a. Pattern of Directional Antenna. The proposed theoretical antenna pattern complies with 47 C.F.R. Section 73.1690(c)(3). Exhibit is required. | <input type="radio"/> Yes <input type="radio"/> No See Explanation in [Exhibit 10] |
| 10 | Use a formerly licensed main facility as an auxiliary facility. Is this application being filed pursuant to 47 C.F.R. Section 73.1675(c)(1) to request authorization to use a formerly licensed main facility as an auxiliary facility and/or change the ERP of the proposed auxiliary facility? If "Yes" to the above, the applicant certifies the following: | <input type="radio"/> Yes <input checked="" type="radio"/> No |
| | a. Auxiliary antenna service area. The proposed auxiliary facility complies with 47 C.F.R. Section 73.1675(a). Exhibit is required. | <input type="radio"/> Yes <input type="radio"/> No See Explanation in [Exhibit 11] |
| | b. Environmental Protection Act. The proposed facility is excluded from environmental processing under 47 C.F.R. Section 1.1 306 (i.e., the facility will not have a significant environmental impact and complies with the maximum permissible radiofrequency electromagnetic exposure limits for controlled and uncontrolled environments). By checking "Yes" above, the applicant also certifies that it, in coordination with other users of the site, will reduce power or cease operation as necessary to protect persons having access to the site, tower or antenna from radiofrequency electromagnetic exposure in excess of FCC guidelines. | <input type="radio"/> Yes <input type="radio"/> No See Explanation in [Exhibit 12] |

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| 11. Change the license status. Is this application being filed pursuant to 47 C.F.R. Section 73.1690(c)(9) to change the license status from commercial to noncommercial or from noncommercial to commercial? | <input type="radio"/> Yes <input checked="" type="radio"/> No |
| If "Yes" to above, submit an exhibit providing full particulars. For applications changing license status from commercial to noncommercial, include Section II of FCC Form 340 as an exhibit to this application. | [Exhibit 13] |

PREPARER'S CERTIFICATION ON PAGE 6 MUST BE COMPLETED AND SIGNED**SECTION III - PREPARER'S CERTIFICATION**

I certify that I have prepared Section III (Engineering data) on behalf of the applicant, and that after such preparation, I have examined and found it to be accurate and true to the best of my knowledge and belief.

| | | |
|---|---|---------------------|
| Name RICHARD H. MERTZ | Relationship to Applicant (e.g., Consulting Engineer) CONSULTANT | |
| Signature | Date 5/15/2008 | |
| Mailing Address CAVELL, MERTZ & ASSOCIATES, INC. 7839 ASHTON AVENUE | | |
| City MANASSAS | State or Country (if foreign address) VA | Zip Code 20109 - |
| Telephone Number (include area code) 7033929090 | E-Mail Address (if available) RMERTZ@CAVELLMERTZ.COM | |

WILLFUL FALSE STATEMENTS ON THIS FORM ARE PUNISHABLE BY FINE AND/OR IMPRISONMENT (U.S. CODE, TITLE 18, SECTION 1001), AND/OR REVOCATION OF ANY STATION LICENSE OR CONSTRUCTION PERMIT (U.S. CODE, TITLE 47, SECTION 312(a)(1)), AND/OR FORFEITURE (U.S. CODE, TITLE 47, SECTION 503).

Exhibits**Exhibit 7****Description:** KUSA-DT EXHIBIT 7

EXHIBIT 7 CONTAINS STATEMENT A, CONSTRUCTED FACILITY AND FIGURE 1

Attachment 7**Description**[KUSA-DT Exhibit 7](#)**Exhibit 8****Description:** KUSA-DT EXHIBIT 8

EXHIBIT 8 CONTAINS STATEMENT B, COMPLIANCE WITH SPECIAL OPERATING CONDITIONS

Attachment 8**Description**[KUSA-DT Exhibit 8](#)

Exhibit 8 - Statement B
COMPLIANCE WITH SPECIAL OPERATING CONDITION
prepared for
Multimedia Holdings Corporation
KUSA-DT Denver, Colorado
Facility ID: 23074
Ch. 16 37 kW 374.6 m

Multimedia Holdings Corporation (“*Multimedia*”) is the permittee of digital television station KUSA-DT, Denver, Colorado. *Multimedia* has completed construction of the DTV facility authorized in the construction permit (“CP”), FCC File No. BMPCDT-20080314ACF, and has commenced program tests in accordance with Section 73.1620(a)(1) of the FCC Rules.

The KUSA-DT CP contains one Special Operating Condition which requires notification of health care facilities prior to the commencement of operation. Based on information provided by Mr. Ken Highburger, Director of Technology for KUSA-TV, such notification was again performed on March 11, 2008¹. Thus, the Special Operating Condition has been satisfied.

¹ KUSA-DT had previously notified medical facilities regarding the Channel 16 digital operation prior to the commencement of operation of the station’s STA facility (see BDSTA-20020926ACZ).