

BEFORE THE
FEDERAL COMMUNICATIONS COMMISSION
WASHINGTON, D.C. 20554

ORIGINAL

In the Matter of)
)
Amendment of Section 73.622(i),)
Table of Allotments,) MM Docket No. 08-____
Digital Television Broadcast Stations) RM-_____
(Twentynine Palms, California)) File No. BPRM-20080620AOJ

To: The Secretary
Attn: The Chief, Media Bureau

FILED/ACCEPTED

JUL - 9 2008

Federal Communications Commission
Office of the Secretary

SUPPLEMENT TO PETITION FOR RULEMAKING

KVMD Licensee Co., L.L.C. ("KVMD"), the licensee of Station KVMD-DT, Digital Channel 23, Twentynine Palms, California (the "Station" or "KVMD"), by its attorneys, submits this Supplement to its Petition for Rulemaking, filed on June 20, 2008, requesting the initiation of a rulemaking proceeding for the purpose of a channel substitution in the Table of Allotments for Digital Television Stations, in Section 73.622(i) of the Commission's Rules. The proposed channel substitution would involve the substitution of Channel 50 for Channel 23 as the Station's digital channel.

By this submission, KVMD is presenting a supplementary statement, prepared by KVMD's engineering consultant, which provides additional and supplementary information in connection with the Technical Statement that was appended to the Petition. In particular, the appended Supplement to the Technical Statement (Exhibit A) corrects certain errors contained in the Technical Statement as filed and also responds to an oral inquiry from the Commission staff

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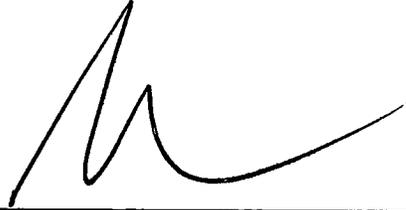
requesting a KVMD presentation dealing with the proposed channel substitution being in full compliance with the requirements of Section 73.622(f)(5) of the Commission's Rules.

WHEREFORE, for the foregoing reasons, KVMD Licensee Co., L.L.C. respectfully requests that the Commission accept this Supplement to Petition for Reconsideration.

Respectfully submitted,

KVMD LICENSEE CO., L.L.C.

By: _____



Barry A. Friedman, Esq.
Thompson Hine LLP
1920 N Street, N.W.
Suite 800
Washington, D.C. 20036
(202) 331-8800

July 9, 2008

EXHIBIT A

Consultants in Electronic Media Technology/Management

**Supplement to Technical Statement for
KVMD Licensee Co., L.L.C.
Petition for Rulemaking:
Station KVMD-DT
Channel 50
Twentynine Palms, CA
File No. BPRM-20080620AOJ**

Introduction

On June 20, 2008, a Technical Statement was filed with the Commission in conjunction with a Petition for Rulemaking ("Petition") by KVMD Licensee Co., L.L.C. ("KVMD"), proposing substitution of the channel of, and the making of other changes to, the digital television facility of Station KVMD-DT, Twentynine Palms, California. The Petition since has been given File Number BPRM-20080620AOJ. In the Petition, KVMD seeks the substitution of Channel 50 for Channel 23 in the DTV Table of Allotments. The KVMD-DT facility currently is licensed in File Number BLCDT-20060615AAB.

Subsequent to the filing of the Petition and the associated Technical Statement, a review of the data in the Commission's CDBS database has revealed that there were several errors in the data supplied in the Technical Statement. Those errors apparently arose from retention within the document of antenna pattern data from an earlier design than the final version used to conduct the interference analyses reported and to create the contour map included in the Technical Statement. This amendment is intended to correct the erroneous information. In addition, the Media Bureau staff orally has requested additional detail on the computation of the maximum facilities permitted for KVMD-DT under the rules; that data also is provided herein.

Corrected Information

The fundamental correction required is to six relative field values in the tabulated data for the proposed antenna azimuth pattern. Those values are at headings of 130, 140, 150, 210, 220, and 230 degrees of the **unrotated** azimuth pattern. The azimuth pattern still must be rotated to a bearing of 24 degrees. Updated information, including both the relative field values and the power values in dBk, is included in the table of Figure 5 below, which is intended to replace Figure 5 of the original Technical Statement. Since the azimuth pattern plots in both relative field and power values included in the original Technical Statement were derived from the erroneous tabulated data, replacements for those plots are provided below in Figures 3 and 4, which are replacements for the corresponding figures in the original Technical Statement.

The antenna pattern supplied with the original Technical Statement was assigned Antenna Identification Number 87939. With the azimuth pattern values included in that pattern, the interference protection required to Stations KJLA-DT, Channel 49, Ventura, CA, and KXLA-DT, Channel 51, Rancho Palos Verdes, CA, is not achieved. With the corrected values provided herein, the required protection to both stations is achieved with respect to both their licensed and Table of Allotments facilities, as reported in the original Technical Statement. Consequently, it is respectfully requested that the antenna pattern values for the KVMD-DT proposal be modified to those provided herein, either by correction of the values in Antenna ID No. 87939 or through assignment of a new Antenna ID to the corrected pattern and association of that new Antenna ID with the facility sought in the Petition for Rulemaking. Please note that, in order to obtain the required interference protection with the azimuth pattern values given, it is necessary to input the unrotated azimuth pattern values into the Commission's interference analysis software and to set the software to produce the 24-degree pattern rotation required.

Maximum Facilities Determination

The combination of height above average terrain (HAAT) and effective radiated power (ERP) proposed for KVMD-DT exceeds the maximum facilities permitted for UHF DTV operations under Section 73.622(f)(8)(i) of the Commission's rules. It is sanctioned, however, under Section 73.622(f)(5), which permits the combination of HAAT and ERP

Amendment to Technical Statement — KVMD-DT Petition for Rulemaking

“up to that needed to provide the same geographic coverage area as the largest station within their market.” In the case of KVMD-DT, which is located within the Los Angeles DMA, Station KDOC-DT is authorized to operate on Channel 32, with HAAT of 949 m and ERP of 1000 kW. According to the Commission’s TVFMFS software, which was used in the computations, these parameters on Channel 32 result in an average predicted noise-limited contour (PNLC) distance of 138.0 km, using the dipole-factor-adjusted reception threshold value of 40.51 dBu. On Channel 50, with an HAAT of 1054 m and using a dipole-factor-adjusted reception threshold value of 41.99 dBu, the same 138.0 km average PNLC contour distance would require an ERP of approximately 995 kW – considerably more than the value requested for KVMD-DT reference facilities in the Petition, as modified by this Supplement. In fact, the combination of 1054 m HAAT and 500 kW ERP that is requested for reference facilities in the Petition results in a PNLC contour distance of only 133.5 km. Thus, the proposed facility will provide less than the largest geographic coverage of a station within its market and therefore is permissible under the rules.

Respectfully submitted,



S. Merrill Weiss
Merrill Weiss Group LLC

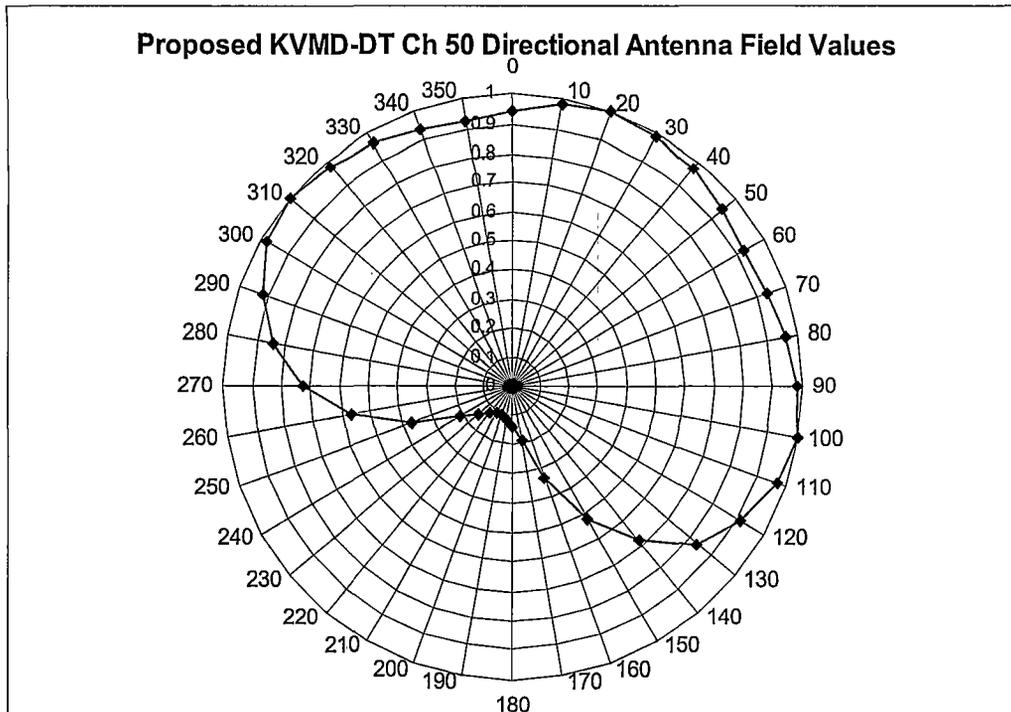


Figure 3 — KVMD-DT Azimuth Pattern in Relative Field Values

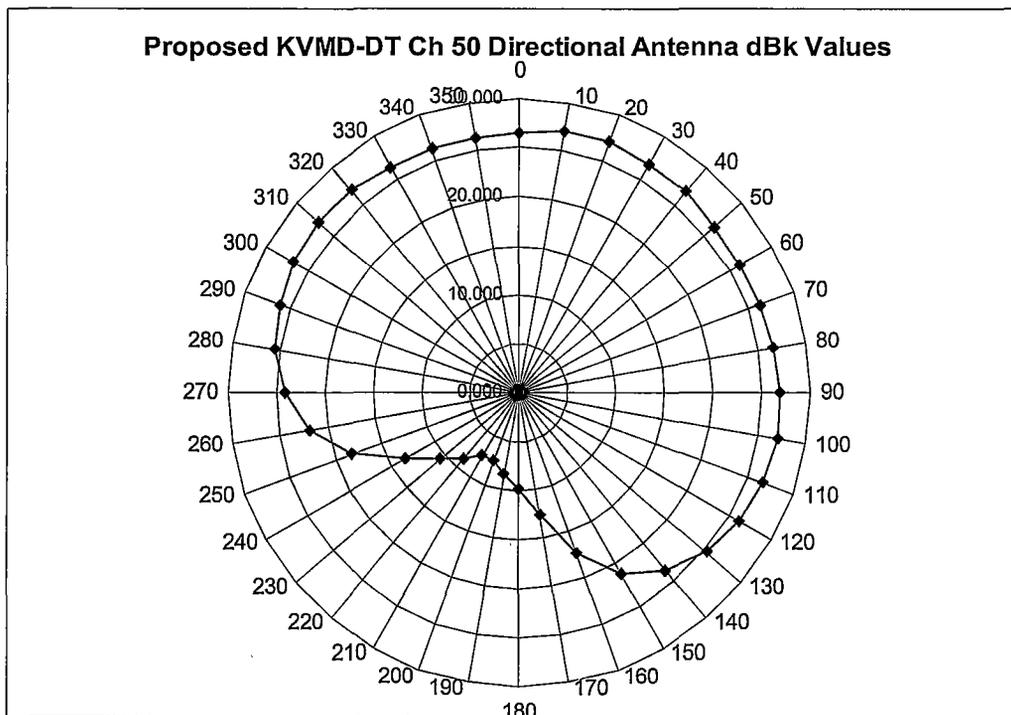


Figure 4 — KVMD-DT Azimuth Pattern in dBk (at Depression w/Maximum)

Figure 5 — KVMD-DT Azimuthal Radiation Pattern Tabulated Values

Azimuth	Relative Field	Effective Radiated Power (dBk)	Azimuth	Relative Field	Effective Radiated Power (dBk)
0	1.000	29.956	180	0.100	9.956
10	0.980	29.781	190	0.110	10.784
20	0.955	29.556	200	0.130	12.235
30	0.925	29.279	210	0.170	14.565
40	0.920	29.232	220	0.250	17.915
50	0.945	29.465	230	0.450	23.021
60	0.970	29.692	240	0.630	25.943
70	0.990	29.869	250	0.770	27.686
75	1.000	29.956	260	0.870	28.747
80	0.990	29.869	270	0.950	29.511
90	0.950	29.511	280	0.990	29.869
100	0.870	28.747	285	1.000	29.956
110	0.770	27.686	290	0.990	29.869
120	0.630	25.943	300	0.970	29.692
130	0.450	23.021	310	0.945	29.465
140	0.250	17.915	320	0.920	29.232
150	0.170	14.565	330	0.925	29.279
160	0.130	12.235	340	0.955	29.556
170	0.110	10.784	350	0.980	29.781

Derived from data supplied by manufacturer

Note: The plots in Figures 3 & 4 show the azimuth pattern after rotation of the antenna to 24 degrees true. The data tabulated in Figure 5 represents the antenna pattern prior to rotation. To duplicate the interference study results, it is necessary to input the un-rotated values in the table above and to allow the TV_Process software to carry out the data rotation to 24 degrees.