

### **Request for Special Temporary Authorization**

KAZN-TV Licensee LLC, (“Licensee”), the licensee of KHIZ-DT, Barstow, California (Facility ID No. 63865), pursuant to § 73.1635 of the Commission’s Rules, respectfully requests special temporary authority (“STA”) to operate beyond 30 days in accordance with the reduced parameters specified in this application.

On February 4, 2008, Licensee discovered that during high winds at its transmitter site, one of the four pylons of its full power digital antenna had separated from the tower and fallen to the ground. Photographs showing the pylon lying on the ground where it fell and missing from the top of Licensee’s tower are attached hereto in Attachment A. Upon further examination of the extent of the damage experienced, Licensee also discovered that each of the other sections of the antenna had suffered cracks in welds and plates. A photograph of such cracks in one of the other pylons of the antenna is attached hereto in Attachment B. Because any of these sections could have fallen at any time, causing potential injury to persons and/or greater damage to property, Licensee removed the other three pylons on February 7, 2008.

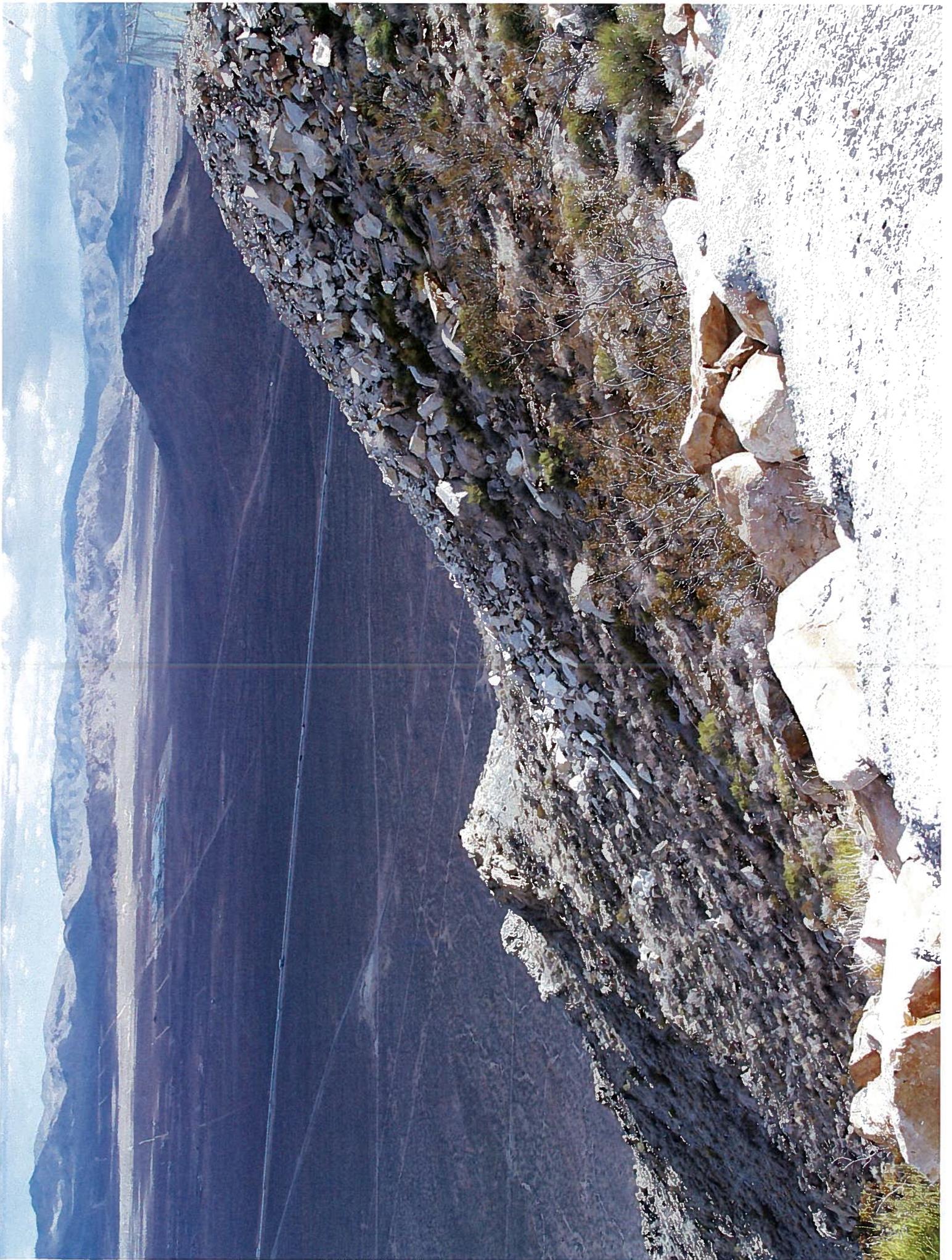
Licensee’s investigation has revealed that the surest and safest means to restore full power digital operations as licensed is to purchase and install a new antenna designed and manufactured in a manner that will not be susceptible to the damage experienced by the original antenna. Licensee is actively proceeding with the design of such new antenna and contemplates ordering it shortly and having it manufactured and installed promptly. In the interim, to continue to provide digital service to the station’s viewers, Licensee has resumed digital operations with the reduced facilities with which its parent company, Sunbelt Television, Inc., operated, when it was the licensee, pursuant to an STA prior to installation of the original full power digital antenna.

Because full power licensed digital operations will require more than 30 days to restore, Licensee respectfully requests an STA of up to 180 days to continue operating with reduced interim facilities. The specific parameters of the STA requested are those set forth in BDSTA-20060630AAW, granted September 7, 2006, a copy of which attached hereto as Attachment C. A copy of the application for BDSTA-20060630AAW, including the Engineering Statement, on which the grant of BDSTA-20060630AAW was made, is attached hereto as Attachment D.

Grant of the STA will enable KHIZ to continue to provide digital service to the public and will avoid a loss of such service during the time required to replace the full power digital antenna. Accordingly, such grant is warranted and will serve the public interest.

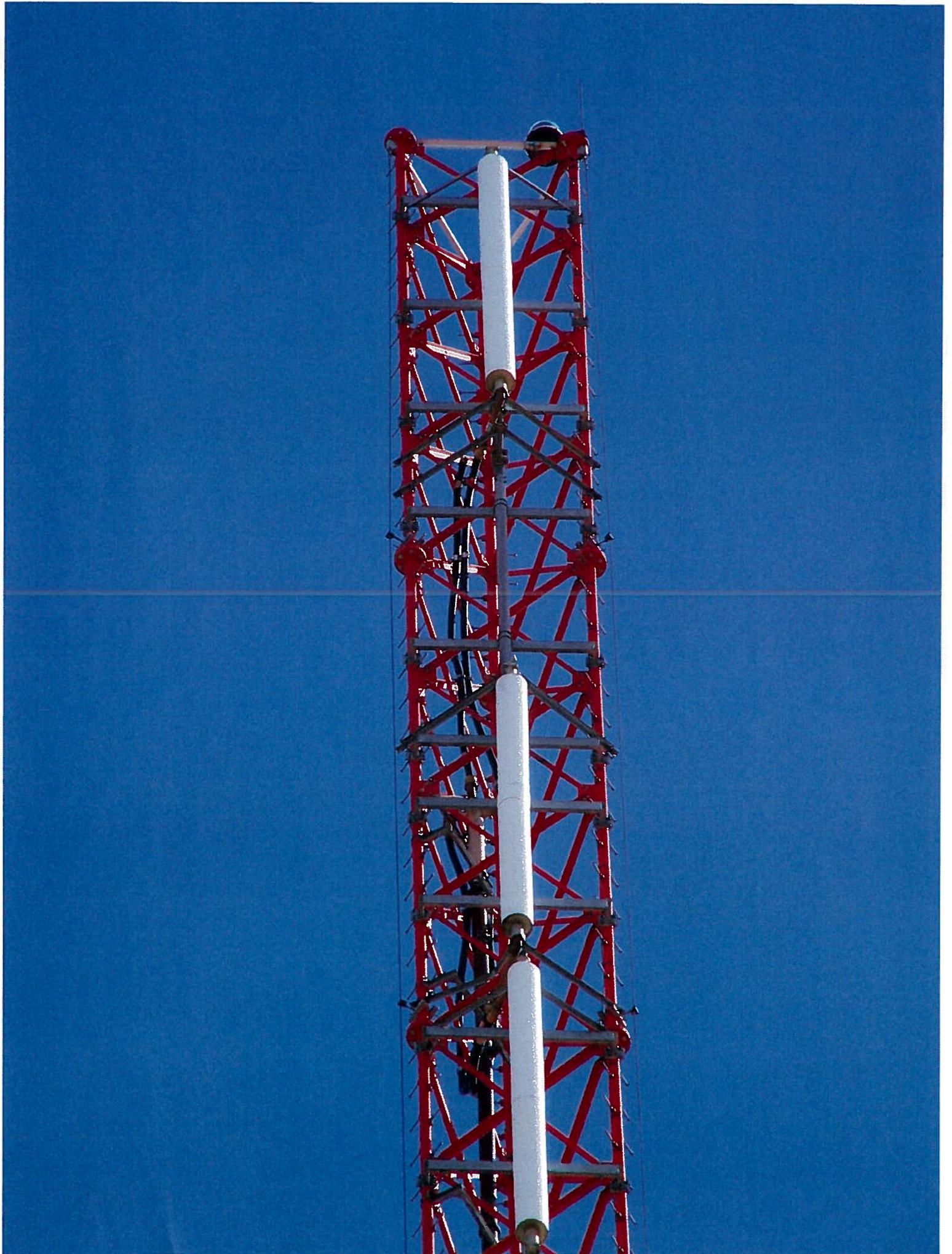
# **ATTACHMENT A**





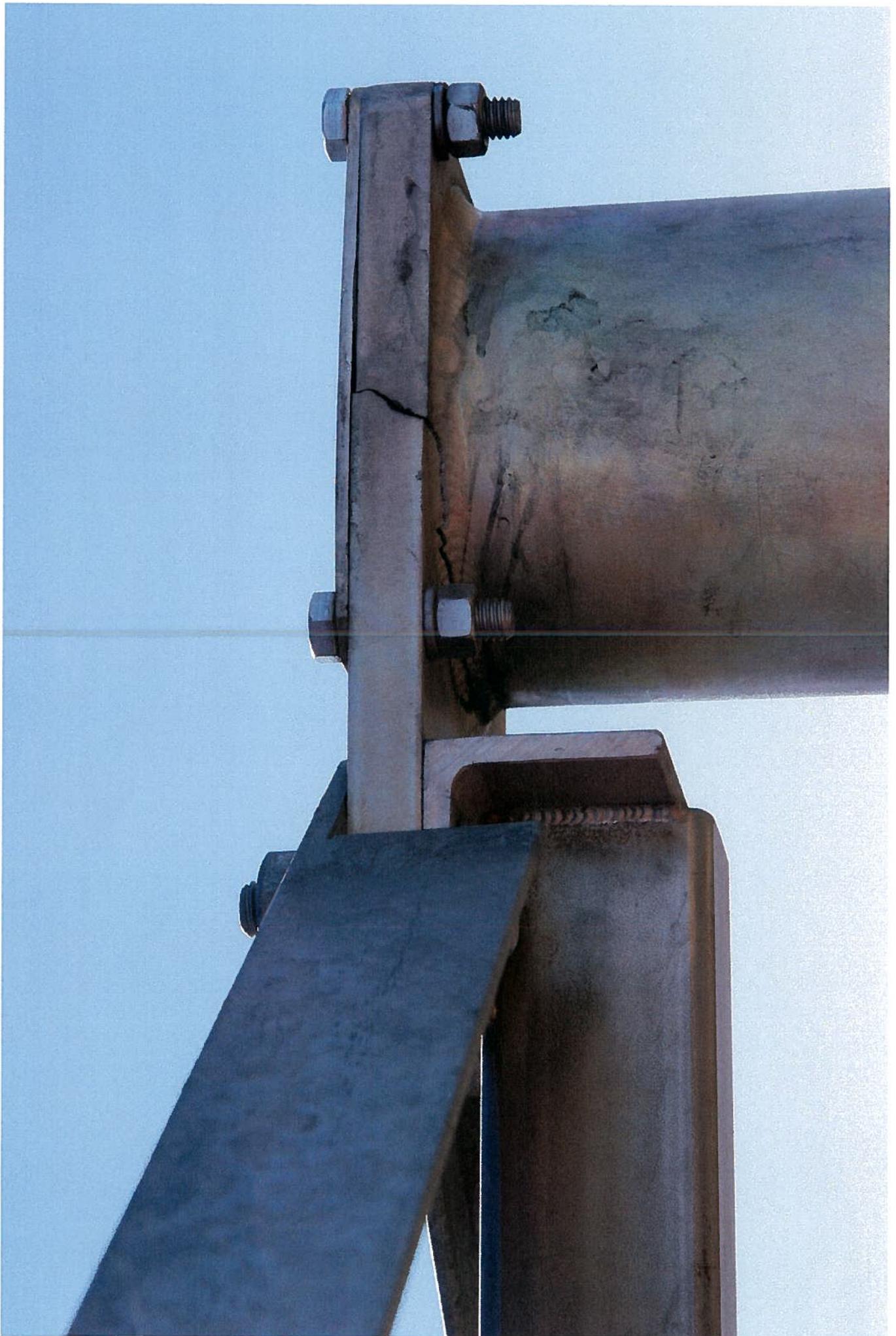






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## **ATTACHMENT B**



## **ATTACHMENT C**



Federal Communications Commission  
Washington, D.C. 20554

SEP 07 2006

1800E1-SSA

Sunblet Television, Inc.  
P.O. Box 1468  
Victorville, CA 92393-1468

Re: BDSTA-20060630AAW  
KHIZ-DT  
Barstow, CA  
Facility ID No. 63865

Gentlemen:

This is in response to your request for special temporary authority (STA) to operate with reduced facilities for Station KHIZ-DT. Specifically, you propose to operate with facilities less than those authorized to you in a construction permit or proposed in a pending construction permit application. You have indicated that you will afford the requisite coverage to the city of license with the requested STA facilities.

With respect to radio frequency radiation (RFR), we expect compliance with Section 1.1307(b) of the Commission's Rules to be achieved.

After a thorough review of the technical submissions, we are persuaded that no interference is likely to occur from the proposed STA operation. We therefore conclude that the public interest would be served by the grant of this request. If problems do arise, we expect them to be solved expeditiously, and the Bureau reserves the right to require termination of the STA operation without further notice.

Accordingly, the request for special temporary authority to broadcast DTV signals IS GRANTED subject to the following terms and conditions:

**SPECIFICATIONS AND CONDITIONS**

Station Location:	Barstow, CA
Call Sign:	KHIZI-DT
Station Facility ID No. :	63865
Channel:	44
Antenna Coordinates:	34-36-34 117-17-11

Tower Registration Number: N/A

Antenna Type: DIRECTIONAL, ERI/AL8-44-PL

Maximum Effective Radiated Power (average): 28.2 kW

Transmitter: Type Accepted. See Section 73.1660, 73.1665 and 73.1670 of the FCC Rules

Height of radiation center above ground: 11.3 meters

Height of radiation center above mean sea level: 1376.3 meters

Height of radiation center above average terrain: 459.4 meters

#### SPECIAL CONDITIONS

1. The grant of this authority is subject to the condition that, with ample time before commencing operation, you make a good faith effort to identify and notify health care facilities (e.g., hospitals, nursing homes, see 47 CFR 15.242(a)(1) ) within your service area potentially affected by your DTV operations. Contact with state and/or local hospital associations and local government health care licensing authorities may prove helpful in this process. During this pre-broadcast period, you must provide all notified entities with relevant technical details of your operation, such as DTV channel, targeted on-air date, effective radiated power, antenna location, and antenna height. You are required to place in the station's public inspection file documentation of the notifications and contacts made and you may not commence operations until good faith efforts have been made to notify affected health care facilities. During this pre-broadcast period and for up to twenty (20) days after commencing operations, should you become aware of any instances of medical devices malfunctioning or that such devices are likely to malfunction due to your DTV operations, you must cooperate with the health care facility so that it is afforded a reasonable opportunity to resolve the interference problem. At such time as all provisions of this condition have been fulfilled, and either upon the expiration of twenty (20) days following commencement of operations or when all known interference problems have been resolved, whichever is later, this condition lapses.

2. The facility authorized herein must comply with the FCC's increased DTV city coverage requirements by the date specified in Section 73.625(a).

3. This authority expires six months from the date of this letter. If appropriate, a timely renewal request must be filed before the end of this period.

4. Hours of operation of this facility will be in accordance with Section 73.624 (b) of the Commissions Rules.

5. Grant of this STA is subject to action on any pending application for extension of construction permit or request for waiver of applicable replication or maximization interference protection (“use or lose”) deadlines.

Sincerely,

A handwritten signature in black ink, appearing to read "Clay Pendarvis". The signature is fluid and cursive, with a large initial "C" and "P".

Clay Pendarvis  
Associate Chief  
Video Division  
Media Bureau

cc: Kenneth E. Satten

## **ATTACHMENT D**

Federal Communications Commission Washington, D.C. 20554	Approved by OMB 3060-0386 (July 2002)	FOR FCC USE ONLY
<b>Engineering STA</b>  Read Instructions/FAQ before filling out form		FOR COMMISSION USE ONLY FILE NO. BEDSTA - 20060630AAW

**Section I - General Information**

1.	Legal Name of the Applicant SUNBELT TELEVISION, INC.		
	Mailing Address P.O. BOX 1468		
	City VICTORVILLE	State or Country (if foreign address) CA	Zip Code 92393 - 1468
	Telephone Number (include area code) 7602416464		E-Mail Address (if available)
	FCC Registration No 0007940810	Call Sign KHIZ-DT	Facility ID Number 63865
2.	Contact Representative (if other than licensee/permittee) KENNETH E. SATTEN		Firm or Company Name WILKINSON BARKER KNAUER, LLP
	Mailing Address 2300 N STREET, NW SUITE 700		
	City WASHINGTON	State or Country (if foreign address) DC	ZIP Code 20037 - 1128
	Telephone Number (include area code) 2027834141		E-Mail Address (if available) KSATTEN@WBKLAW.COM
3.	Purpose: <input checked="" type="radio"/> Engineering STA <input type="radio"/> Extension of Existing Engineering STA <input type="radio"/> Legal STA <input type="radio"/> Extension of Existing Legal STA		
4.	Service: DS		
5.	Community of License: City: BARSTOW State: CA		
6.	If this application has been submitted without a fee, indicate reason for fee exemption (see 47 C.F.R. Section 1.1114): <input type="radio"/> Governmental Entity <input type="radio"/> Noncommercial Educational Licensee/Permittee <input type="radio"/> Other <input type="radio"/> N/A (Fee Required)		

**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**

7.1.	Channel: 44
7.2.	Zone: <input type="radio"/> I <input checked="" type="radio"/> II <input type="radio"/> III
7.3.	Antenna Location Coordinates: (NAD 27)

Latitude:  
 Degrees 34 Minutes 36 Seconds 34  North  South

Longitude:  
 Degrees 117 Minutes 17 Seconds 11  West  East

7.4. Antenna Structure Registration Number:  
 Not Applicable  Notification filed with FAA

7.5. Antenna Location Site Elevation Above Mean Sea Level: 1365 meters

7.6. Overall Tower Height Above Ground Level: 12.2 meters

7.7. Height of Radiation Center Above Ground Level: 11.3 meters

7.8. Height of Radiation Center Above Average Terrain: 459.4 meters

7.9. Maximum Effective Radiated Power (average): 28.2 kW

7.10. Antenna Specifications:  
 Nondirectional  Directional

a. Manufacturer ERI Model AL8-44-PL

b. Electrical Beam Tilt:  
 1.75 degrees  Not Applicable

c. Mechanical Beam Tilt:  
 degrees toward azimuth  
 degrees True  Not Applicable

d. Polarization:  
 Horizontal  Circular  Elliptical

Directional Antenna Relative Field Values:  
 Rotation (Degrees): 0  No Rotation

Degrees	Value	Degrees	Value	Degrees	Value	Degrees	Value	Degrees	Value	Degrees	Value
0	0.935	10	0.966	20	0.988	30	0.988	40	0.988	50	0.988
60	0.966	70	0.935	80	0.894	90	0.846	100	0.794	110	0.741
120	0.69	130	0.648	140	0.619	150	0.604	160	0.604	170	0.615
180	0.632	190	0.651	200	0.667	210	0.675	220	0.675	230	0.667
240	0.651	250	0.632	260	0.615	270	0.604	280	0.604	290	0.619
300	0.648	310	0.69	320	0.74	330	0.793	340	0.846	350	0.894
Additional Azimuths		35	1	155	0.602	215	0.676	275	0.602		

8. Please explain in detail the "extraordinary circumstances" which warrant temporary operations at variance from the Commission's Rules. In addition, please specify 1) the specific rules and/or policies from which the applicant seeks temporary relief; 2) how the public interest will be furthered by grant; and 3) the expected duration of the STA and the licensee's plan for restoration of licensed operation. If requesting variance with other than authorized technical facilities, please specify the exact facilities sought

[Exhibit 21]

9. Anti-Drug Abuse Act Certification. Applicant certifies that neither applicant nor any party to the application is subject to denial of federal benefits pursuant to Section 5301 of the Anti-Drug Abuse Act of 1988, 21 U.S.C. Section 862.

Yes  No

I certify that I have prepared 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 (mm/dd/yyyy) 06/29/2006	
Mailing Address CAVELL, MERTZ & DAVIS, INC. 7839 ASHTON AVENUE			
City MANASSAS		State or Country (if foreign address) VA	Zip Code 20109 -
Telephone Number (No dashes or parentheses, include area code) 7033929090		E-Mail Address (if available) RMERTZ@CMDCONSULTING.COM	

I hereby certify that the statements in this application are true, complete, and correct to the best of my knowledge and belief, and are made in good faith. I acknowledge that all certifications and attached Exhibits are considered material representations.

Typed or Printed Name of Person Signing PETER L. WHITE		Typed or Printed Title of Person Signing PRESIDENT	
Signature		Date (mm/dd/yyyy) 06/29/2006	

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 21

**Description:** KHIZ-DT STA REQUEST - ENGINEERING STATEMENT

ENGINEERING STATEMENT

### Attachment 21

Description
Engineering Statement with Table 1 and Figure 1

Exhibit 21-Engineering Statement  
**REQUEST FOR SPECIAL TEMPORARY AUTHORIZATION**

prepared for

**Sunbelt Television, Inc.**  
KHIZ-DT Barstow, California  
Facility ID 63865  
Ch. 44 28.2 kW 459 m

*Sunbelt Television, Inc. ("Sunbelt")* is the licensee of KHIZ-TV, analog Channel 64, Barstow, California (file number BLCT-19870901KG). *Sunbelt* has a Construction Permit ("CP") authorizing construction of the paired DTV station KHIZ-DT (BPCDT-19991028ACX) on Channel 44 with an effective radiated power ("ERP") of 1,000 kW at an antenna height above average terrain ("HAAT") of 596 meters.

*Sunbelt* is currently authorized pursuant to a Special Temporary Authorization ("STA", BDSTA-20041217AYC) to operate at 27.7 kW ERP at 501.1 meters HAAT. Construction of the facility authorized in the CP requires that the existing KHIZ(TV) Ch. 64 antenna supporting structure, which also supports the current KHIZ-DT Ch. 44 STA facility, be demolished and a new structure erected in its place. Section 73.1615 permits licensees with construction permits to operate with temporary facilities during construction for a period not to exceed 30 days. The replacement of the KHIZ(TV) antenna supporting structure is projected to extend beyond this time frame (60 to 90 days). Thus, *Sunbelt* herein requests a Special Temporary Authorization ("STA") commencing approximately July 7, 2006 to operate KHIZ-DT with an interim facility, at a power level of 28.2 kW ERP, and a reduced antenna HAAT of 459.4 meters from a temporary support structure.

The proposed STA operation will employ an antenna system side-mounted on 12.2 meter tall pole to be erected on the South side of the existing KHIZ(TV) transmitter building atop Quartzite Mountain. The transmitter building is located adjacent to the existing KHIZ(TV) tower structure. Since the proposed supporting structure is temporary in nature and FAA notification is not necessary (based on the FCC's "Towair" program), FCC Antenna Structure Registration is not believed to be necessary in this instance.

The attached **Exhibit 21-Table 1** provides engineering data and the attached **Exhibit 21-Figure 1** provides a depiction of the resulting coverage contours and a comparison of the authorized

Exhibit 21-Engineering Statement  
(Page 2 of 4)

coverage from the CP facility. As shown, per the Commission's requirements,<sup>1</sup> the DTV service contour (41 dB $\mu$ ) of the proposed STA facility does not extend beyond that as authorized and will completely encompass the principal community. **Exhibit 21-Figure 1** also demonstrates that the principal community will be encompassed by the STA facility's 48 dBu contour.

While the 48 dB $\mu$  contour of the proposed STA facility easily encompasses the principal community, partial terrain blockage exists between the KHIZ transmitter site and Barstow. However, the proposed DTV STA transmitter site is also employed by the licensed KHIZ analog facility and is authorized for KHIZ-DT. Although the DTV STA facility would experience similar partial terrain blockage as the analog KHIZ facility, detailed comparative analysis using terrain-dependent Longley-Rice propagation techniques show that 48 dB $\mu$  signal levels from the proposed DTV STA facility would reach a larger area and population of Barstow than the 80 dB $\mu$  principal community signal level of the licensed KHIZ(TV) NTSC facility. Accordingly, it is believed that a grant of this STA would be consistent with the authority afforded KHIZ under previous grants.

### **Environmental Considerations**

The instant STA request is not believed to have a significant environmental impact as defined under Section 1.1306 of the Commission's Rules. Consequently, preparation of an Environmental Assessment is not required. The use of existing transmitting locations has been characterized as being environmentally preferable by the Commission, according to Note 1 of §1.1306 of the Commission's Rules. Since the proposal involves a temporary tower structure at the same site but with a significantly lower height, this application may be categorically excluded from environmental processing pursuant to §1.1306 of the Commission's rules.

*Sunbelt* will participate in a radiofrequency ("RF") electromagnetic field exposure safety program, along with any other FCC licensees that utilize the Quartzite Mountain site. Following

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<sup>1</sup>*Memorandum Opinion and Order on Reconsideration, Review of the Commission's Rules and Policies Affecting the Conversion to Digital Television*, MM Docket 00-39, FCC 01-330, released November 15, 2001, at paragraphs 34, 37.

Exhibit 21-Engineering Statement  
(Page 3 of 4)

construction of the proposed STA facility, *Sunbelt* will conduct RF exposure measurements (and/or detailed calculations) to evaluate the level of RF exposure resulting from the proposed STA facility.

As necessary, based on these results and considering all emitters, appropriate exposure abatement procedures will be established and followed, in order to comply with the Commission's exposure limits. Such abatement procedures may involve the restriction of access to certain areas and/or facility modifications to reduce RF levels.

Considering the post-construction measurement and an appropriate abatement program, the general public and workers will not be exposed to RF levels in excess of the Commission's guidelines. RF exposure warning signs will continue to be posted.

**Safety of Tower Workers and the General Public**

With respect to worker safety, authorized personnel will be trained and/or supervised as necessary for access to any "controlled" areas. A site exposure policy will be employed protecting maintenance workers from excessive exposure when work must be performed on the tower in areas where high RF levels may be present. Such protective measures may include, but will not be limited to, restriction of access to areas where levels in excess of the guidelines may be expected, power reduction, or the complete shutdown of facilities when work or inspections must be performed in areas where the exposure guidelines will be exceeded. RF exposure measurements may also be undertaken to establish the bounds of safe working areas. *Sunbelt* will coordinate exposure procedures with all pertinent stations.

**Conclusion**

Based on the preceding, it is believed that the instant proposal may be categorically excluded from environmental processing under Section 1.1306 of the Rules, hence preparation of an Environmental Assessment is not required.

Exhibit 21-Engineering Statement

(Page 4 of 4)

**Certification**

The undersigned hereby certifies that the foregoing statement was prepared by him or under his direction, and that it is true and correct to the best of his knowledge and belief.



Richard H. Mertz

June 29, 2006

Cavell, Mertz & Davis, Inc.  
7839 Ashton Avenue  
Manassas, VA 20109  
(703) 392-9090

List of Attachments

- |          |  |
|----------|--|
| Table 1  | Engineering Data   |
| Figure 1 | Proposed Coverage Contours / Coverage Contour Comparison |

Table 1  
**ENGINEERING DATA**  
**Request for Special Temporary Authorization**  
 prepared for  
**Sunbelt Television, Inc.**  
 KHIZ-DT Barstow, California  
 Facility ID 63865  
 Ch. 44 28.2 kW 459 m

Site Coordinates: (NAD-27)	N-Lat 34° 36' 34" W-Lon 117° 17' 11"
Channel:	UHF DTV 44
Effective Radiated Power:	28.2 kW (14.51 dBk)
Antenna Radiation Center Height	
Above ground:	11.3 m
Above mean sea level:	1376.8 m
Above average terrain:	459.4 m
Antenna Structure Registration number	N/A
Antenna:	ERI AL8-44-PL Directional, Gain: 11.60 dBd 1.75 degrees electrical beamtilt Horizontal polarization
Transmission Line:	1 5/8 inch Heliac, 50 Ohm Coaxial 57.9 meter length 1.07 dB loss
Transmitter Power Output:	2.5 kW (3.98 dBk)

**Directional Antenna Horizontal Plane Pattern (No Rotation)**

Azimuth (°T)	Relative Field	Azimuth (°T)	Relative Field	Azimuth (°T)	Relative Field	Azimuth (°T)	Relative Field
0	0.935	90	0.846	180	0.632	270	0.604
10	0.966	100	0.794	190	0.651	280	0.604
20	0.988	110	0.741	200	0.667	290	0.619
30	0.998	120	0.690	210	0.675	300	0.648
40	0.998	130	0.648	220	0.675	310	0.690
50	0.988	140	0.619	230	0.667	320	0.740
60	0.966	150	0.604	240	0.651	330	0.793
70	0.935	160	0.604	250	0.632	340	0.846
80	0.894	170	0.615	260	0.615	350	0.894
Additional Azimuths:		35	1.000	215	0.676		
		155	0.602	275	0.602		

# EXHIBIT 21 - FIGURE 1 PROPOSED COVERAGE CONTOURS COVERAGE CONTOUR COMPARISON

prepared June 2006 for  
**Sunbelt Television, Inc.**  
 KHIZ-DT Barstow, California  
 Facility ID 63865  
 Ch. 44 28.2 kW 459 m

**Cavell, Mertz & Davis, Inc.**  
 Manassas, Virginia

Proposed STA	28.2 kW	459.4 m
41 dBu F(50,90)		
48 dBu F(50,90)		
Site		

**KHIZ-DT (CP)**  
 File #BPCDT-19991028ACX  
 1000 kW 596 m  
 Service Contour  
 41 dBu F(50,90)

