

Exhibit 16.1

Tabulation of Non-Commercial Allocation

Tabulations of contours will be supplied upon request.

Family Life Broadcasting, Inc. Minimum Class A Preclusion Study											
REFERENCE		CH# 203A - 88.5 MHz, Pwr= 0.3 kW, HAAT= 581.4 M, COR= 1353 M						DISPLAY DATES			
32 14 57.0 N.		Average Protected F(50-50)= 33.3 km						DATA 07-28-07			
111 06 59.0 W.								SEARCH 08-01-07			
CH	CALL	TYPE	ANT	AZI.	DIST	LAT.	Pwr (kW)	INT(km)	PRO (km)	*IN*	*OUT*
CITY		STATE		<--	FILE #	LNG.	HAAT (M)	COR (M)	LICENSEE	(Overlap	in km)
06+2E KUATTV		LI	HN	63.8	42.11	32 24 55.0	33.900		127.1	181.7R	-139.6M
Tucson		AZ		244.1	BLET20030103AAW	110 42 51.0	1101	2660	Arizona Board Of Regents/u		
203A KFLT-FM		LIC	DVX	132.2	40.66	32 00 11.0	1.500	75.0	25.6	-59.35*	-62.75
Tucson		AZ		312.4	BLED20050902AAH	110 47 49.0	115	1080	Family Life Broadcasting,		
206A KUAZ-FM ¹		LIC	CX	110.2	11.10	32 12 53.0	1.600	1.6	11.4	-22.77*<	-1.50*<
Tucson		AZ		290.3	BLED20051028ABV	111 00 21.0	187	963	Arizona Board Of Regents F		
201C1 KLTU ²		LIC	VX	63.8	41.98	32 24 54.0	1.500	2.6	57.6	4.91	-16.80*<
Mammoth		AZ		244.0	BLED20061221ACP	110 42 56.0	1083	2630	Good News Radio Broadcasti		
204B AL0527 ³		AL		205.2	95.90	31 28 00.0	50.000	75.0	62.1	7.45	3.16
Sasabe		SO		24.9		111 32 50.0	150	1220			
203C1 AP8105		APP	VX	275.4	165.85	32 22 37.0	100.000	138.6	41.3	13.99	75.63
Ajo		AZ		94.5	BNPED19991214AAB	112 52 16.0	45	577	Csn International		
204C1 KLKA ⁴		PRO	DVX	3.9	90.23	33 03 39.0	83.000	41.6	26.9	25.27	27.34
Globe		AZ		184.0	CONTINGENT FILING	111 02 59.0	206	1013	American Educational Broad		
202C1 KPHF		LIC	C	329.0	175.07	33 35 47.0	22.500	87.4	59.7	73.78	93.87
Phoenix		AZ		148.4	BLED19990716KB	112 05 31.0	297	704	Family Stations, Inc.		
202C1 KNAI		LIC	CN	329.0	175.04	33 35 47.0	22.500	87.3	59.6	73.79	93.87
Phoenix		AZ		148.5	BLED19920121KC	112 05 29.0	304	704	National Farm Workers Serv		
Share-Time Operation with KPHF, Phoenix, AZ											
201C VA9769		VAC	N	123.9	178.95	31 20 36.0	100.000	14.3	93.7	136.58	84.28
Douglas		AZ		304.7		109 33 09.0	600	1871			
An applicant may specify a lower station class in an application for this allotment.											

An applicant may specify a lower station class in an application for this allotment.

Terrain database is NGDC 30 SEC
 ERP and HAAT on direct-line with reference station.
 Ant Column: (D= DA Standard, Z= DA 73.215, N= Not DA 73.215, _= Omni), Polarization (C,H,V,E),
 Beamtilt(Y,N,X)
 "**"affixed to 'IN' or 'OUT' values = site inside protected contour.
 « = Station meets FCC minimum distance spacing for its class.
 "<" = Contour Overlap
 Reference station has protected zone issue: Mexico

- 1 A waiver for given and received Interference with 3rd adjacent station KUAZ-FM has been requested in **Exhibit 16.2**
- 2 Outgoing interference to KLTU(FM) need not be considered pursuant to KLTU(FM) license BLED-20061221ACP "Special Operating Condition No. 2." See **Exhibit 16.3**.
- 3 International Contour Study Maps included in **Exhibit 16.4**
- 4 This proposal is being filed concurrently with applications for KLKA – Globe/Casa Grande, AZ; KAIC – Tucson/Mammoth, AZ; and KZAI – Coolidge, AZ.

Exhibit 16.2

Waiver Request of 47 C.F.R. §73.509

A waiver of §73.509 for KFLT-FM, Tucson, AZ is requested with regards to given and received 3rd adjacent channel interference with station KUAZ-FM, CH206A, Tucson, AZ, License No. BLED-20051028ABV. The proposal, as submitted, does not need a waiver for any other existing facility or pending application in the allocation. Calculation of the interference overlap areas with KUAZ-FM is *de minimus* in nature. In addition, special concurrence has been sought with KUAZ-FM licensee "Arizona Board of Regents" prior to the filing of this application. The "Arizona Board of Regents" is not opposed to a grant of this waiver and application. Finally, the listening public, city of Tucson and public policy will benefit from a grant of this application and waiver in a number of various other ways.

The areas of received interference have been calculated below both in terms of raw land area and US Census 2000 population figures. In addition, the interference contours have been shown both in terms of the standard 100 dBu f(50:10) interference contour as required in §73.509 and a more accurate f(50:10) interference contour associated with the relevant f(50:50) protected contour representative of the 40 dB ratio. Maps showing the relevant 40 dB ratio have been provided here-in.

Interference with/to KUAZ-FM. Interference to both the KUAZ-FM and KFLT-FM.P protected 60 dBu f(50:50) service contours does exist with the respective 100 dBu f(50:10) interference contours. Using the undesired to desired signal ratio of 40 dB for third adjacent relationships, the worst case KUAZ-FM protected contour receiving interference is also the 60.00 dBu service contour. The worst case interference contour overlap area to KUAZ-FM is 1.81 km² and contains no population as the area is completely located in a remote mountainous area. This is 0.000% of the total 770,283 persons residing the FCC recognized service area (60 dBu) for KUAZ-FM and 0.08% of the total 2,343.87 km² area for the FCC recognized service area (60 dBu) for KUAZ-FM. Both are believed to be *de minimus* in nature. Respective contours and interference overlap areas have been shown in [Exhibit 16.2a](#).

Using the undesired to desired signal ratio of 40 dB for third adjacent relationships, the worst case KFLT-FM.p protected contour receiving interference is the 76.50 dBu service contour. The worst case interference contour overlap area to KFLT-FM is 0.52 km² and contains a population of 312 persons. This is 0.04% of the total 737,999 persons residing the FCC recognized service area (60 dBu) for KFLT-FM.P and 0.03% of the total 1,633.06 km² area for the recognized service area (60 dBu) for KFLT-FM.P. Both are believed to be *de minimus* in nature. Respective contours and interference overlap areas have been shown in [Exhibit 16.2a](#).

Interference Given to KUAZ-FM from KFLT-FM (Proposed Operation)	
Relevant KFLT-FM 100.00 dBu f(50:10 Contour)	
Land Area*	Population*
1.81 km² (0.08%)	none (0.00%)
*(%) percentages listed are a % value of the KUAZ-FM 60 dBu contour	
<u>60 dBu Service Area Land Area</u>	<u>60 dBu Service Area Population</u>
2,343.87 km²	770,283

Exhibit 16.2

Waiver Request of 47 C.F.R. §73.509

Interference Received from KUAZ-FM from KFLT-FM (Proposed Operation)	
Relevant KUAZ-FM 116.5 dBu f(50:10 Contour)	
Land Area*	Population*
0.52 km² (0.03%)	312 (0.04%)
* (%) percentages listed are a % value of the proposed KFLB-FM 60 dBu contour	
<u>60 dBu Service Area Land Area</u>	<u>60 dBu Service Area Population</u>
1,633.06 km²	737,999

A grant of this proposal and waiver request will allow KFLT-FM to increase its overall coverage for a gain area of 417,006 persons and 1,327.84 km². Loss area would be 34,872 persons and 789.79 km², with a common area of 320,993 persons and 305.22 km². for a gain area to loss area increase of 1,095.8% in population and 68.1% in land area.

Total 60 dBu coverage, inclusive of the common area, would be result in 737,999 persons up from the present 355,865 persons for an increase of 107.4%, and 1,633.06 km² up from 1,095.01 km² for an increase of 49.1%. These can only be defined as major increases in coverage and population served, especially raw gain numbers.

This waiver request is the same as requests made by the licensees of WCPE(FM) and WCCE(FM) in *Educational Information Corporation*, 6 FCC Rcd 2207 (1991). WCPE(FM) requested a waiver in its application to permit *de minimus* overlap "received," and WCCE(FM) requested a waiver in its application to permit *de minimus* overlap "caused." In recognition of the importance of affording noncommercial educational stations the flexibility to expand and meet the growing demand for service, the Commission granted both waiver requests. The instant request fully satisfies the criteria established by the Commission for waiver of Section 73.509 of the Commission's rules as it pertains to overlap received¹.

Alternate solutions were explored which might result in equal public benefit. After careful study, the applicant believes waivers of the third adjacent channel contour overlaps remain the best alternative to serve the public interest. Studies were conducted and no minor change frequency exists which will allow for even a remotely equivalent operation. Extensive alternate site searches were conducted by the applicant. Site locations northwest of Tucson, in which the proposed mountain top site is located, yielded the greatest potential. New tower construction was considered further west on Tucson Mountain to clear interference to KUAZ-FM however terrain further west of the proposed site is inaccessible, further more, the mountain range begins to slope westward causing natural terrain shielding of Tucson.

¹ This waiver request differs from a the second waiver request made by WCPE in *Educational Information Corporation*, 1997 FCC LEXIS 2636 (May 20, 1997). Unlike here, WCPE was seeking a waiver of overlap "caused" in the second case.

Exhibit 16.2

Waiver Request of 47 C.F.R. §73.509

The use of a directional antenna is employed. However, given the nature of protections involved, the proposed KFLT-FM remote mountain top site is inherent to *de minimus* overlap surround the KFLT-FM site regardless. Again, this area of overlap is devoid of population. Given the nature of the protection around the KUAZ-FM site, a DA pattern so substantial would be required that coverage of the main city of Tucson would be severely inhibited. This area of overlap is also *de minimus* with the overlap population of only 312 persons being to KFLT-FM itself. It should be noted these 312 persons presently do not receive KFLT-FM service so little impact is expected.

Concurrence with KUAZ-FM. Coordination with the licensee/permittee of KUAZ-FM, the “Arizona Board of Regents”, has been sought and obtained regarding the filing of this application and waiver request. The “Arizona Board of Regents” has reviewed this application and waiver request and consented to categorically waive any interference issues/complaints between KUAZ-FM and KFLT-FM as a result of a grant of this application. A copy of the KUAZ-FM, “Arizona Board of Regents” concurrence letter has been included in [Exhibit 16.2b](#). It has been understood this letter does not apply to any change subsequent to this minor change application.

In addition, USGS topographic and aerial photographs have been consulted regarding the given interference area to KUAZ-FM. In both cases, the actual calculated interference area is shown to reside over a remote mountainous terrain removed from town. The topographic map for the interference area has been included in [Exhibit 16.2c](#). The aerial photograph for the area has been included in [Exhibit 16.2d](#).

Concurrence with KFLT-FM. Coordination with the licensee/permittee of KFLT-FM.P, “Family Life Broadcasting, Inc.” is implied, as Family Life is the applicant. Family Life has reviewed all options and concluded the *de minimus* received contour overlap is more than acceptable in relation to the gains to be achieved.

Various Additional Benefits. The current signal being received in the community of license is subject to a very high level of multipath. This is a result of a relatively high level of reflected signal from the mountains directly north of Tucson canceling the low level incident signal from the lower elevation KFLT-FM signal presently being transmitted 15 miles south of the Tucson city limits. Relocation to the proposed mountain top site will result in a relatively high incident signal (in comparison with the signal level of the reflected signal) and is anticipated to significantly reduce existing multipath.

This higher elevation also benefits from increases in coverage at lower operating powers. While this may be minor in nature, the U.S. government’s own Environmental Protection Agency ENERGY STAR® program promotes reductions in power such as this. ERP will be 1/5th the power, reduced from 1.5 kW to 0.3 kW, with a transmitter input power reduction from ≈1.1 kW to ≈0.307 kW.² Approximately 1/4th the electricity will be used while essentially doubling the present population coverage over the Tucson area.

²The present facility employs a four bay 0.5 λ antenna with a standard antenna input power of ≈1.1 kW. The proposed facility is scheduled to employ a one bay antenna with a standard antenna input power of ≈0.307 kW. As the actual proposed transmitter power output is not known at this point due to unknown transmission line make, model and length, the applicant does not wish to make unsupported claims other than stating proposed operation is anticipated to operate with substantially less power than the present operation.

Exhibit 16.2

Waiver Request of 47 C.F.R. §73.509

Presently the licensee simulcasts programming over the KFLT-FM and KFLT(AM) aural services due to the multipath issues previously mentioned. Relocation from the current low site to the proposed mountain top location will provide a signal level high enough to allow the licensee to offer an alternate format to serve a different age group of the listening public with varying educational, information and music needs. While the applicant acknowledges the Commission does not deem one radio format as more favorable than another, it is in the public interest to both decrease existing interference and increase the variety of service simultaneously.

The KFLT-FM applicant "Family Life Broadcasting, Inc." and its AM station, KFLT(AM), is Arizona's only Primary Entry Point (PEP) station. The relocation of KFLT-FM to the proposed mountain top location (Tucson Mountain) results in direct line-of-site transmission with the Phoenix area South Mountain radio complex, which is home to the licensee's Phoenix FM station. Moving KFLT-FM to Tucson Mountain would provide the licensee with the capability to feed over-the-air PEP alerts to the Phoenix FM affiliate and other South Mountain facilities in addition to affiliate translators in Flagstaff, Prescott and Payson. A Tucson Mountain relocation would allow the licensee to tie most of Arizona together and substantially increase the Arizona listening population in the event a national emergency message need be delivered from the White House.

This proposal co-locates the facility to an existing remote mountainous site. Per local, state and federal initiatives, co-location of broadcast facilities is becoming more and more preferred. Given the Commission's own emphasis of antenna co-location as noted in the recent Nationwide Programmatic Agreement and NHPA Section 106 issuances, it is believed co-location better serves the public as opposed to new tower construction as no new tower will need to be constructed. The proposed KFLT-FM.P operation will take advantage of an existing short tower mounted on a very high naturally elevated site, with the added benefit of being removed from populated areas.

In conclusion, substantial increases in service and public benefit will be achieved with a grant of this proposal and waiver request. The overlap resulting will be inconsequential and well within the scope of the Commission's waiver policy. The benefit heavily outweighs the potential for interference as the combined relevant interference area constitutes less than 0.08% of either station's proposed service area either for land area or population. The applicant acknowledges the grant of any FCC waiver is not taken lightly and careful thought is given to ramifications both present and future. Therefore, if the FCC sees fit and appropriate, the applicant is not opposed to any special condition/restriction being placed on the KFLT-FM Construction Permit and/or License regarding interference complaints resulting from a grant of this application. Accordingly, the applicant respectfully requests a waiver of §73.509(a) of the Commission's rules in this instance.

"+" Represents U.S. Census 2000 Population Centroid Datum

Exhibit 16.2a Interference Overlap Areas KFLTFM.P - Tucson, AZ KUAZ-FM - Tucson, AZ

Interference Contour Overlap Area to KUAZFM
Total Population Within Overlap Region: 0
Total Housing Units Within Overlap Region: 0
Total Area Within Overlap Region: 1.81 sq. km

KUAZFM.A 60 dBu f(50:50)

KFLTFM.P 100 dBu f(50:10)

KFLT-FM.P

Interference Contour Overlap Area to KFLTFM.P
Total Population Within Overlap Region: 312
Total Area Within Overlap Region: 0.52 sq. km

KUAZFM.L 116.50 dBu f(50:10)

KUAZ-FM

KFLTFM.P 76.50 dBu f(50:50)

Scale 1:75,000

0 1 2 3 km

V-Soft Communications LLC® ©



MUNN-REESE, INC.
Broadcast Engineering Consultants
Coldwater, MI 49036
1(517)278-7339

THE UNIVERSITY OF
ARIZONA®

KUAT COMMUNICATIONS GROUP

March 16, 2005

KUAT-TV/KUAS-TV
KUAZ-FM/KUAT-AM
KUAT-FM
VideoServices

P.O. Box 210067
Tucson, AZ 85721-0067
(520) 621-5828
FAX (520) 621-3360

Marlene H. Dortch, Secretary
Federal Communications Commission
445 12th Street, S. W. – Room TW-A325
Washington, D.C. 20024

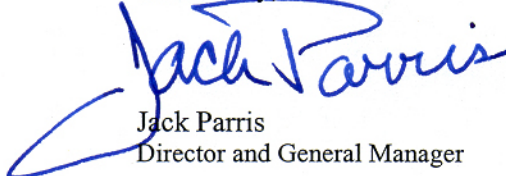
RE: Application of Family Life Broadcasting, Inc., to Relocate
Station KFLT-FM to the Tucson Mountain Antenna Site

Dear Ms. Dortch:

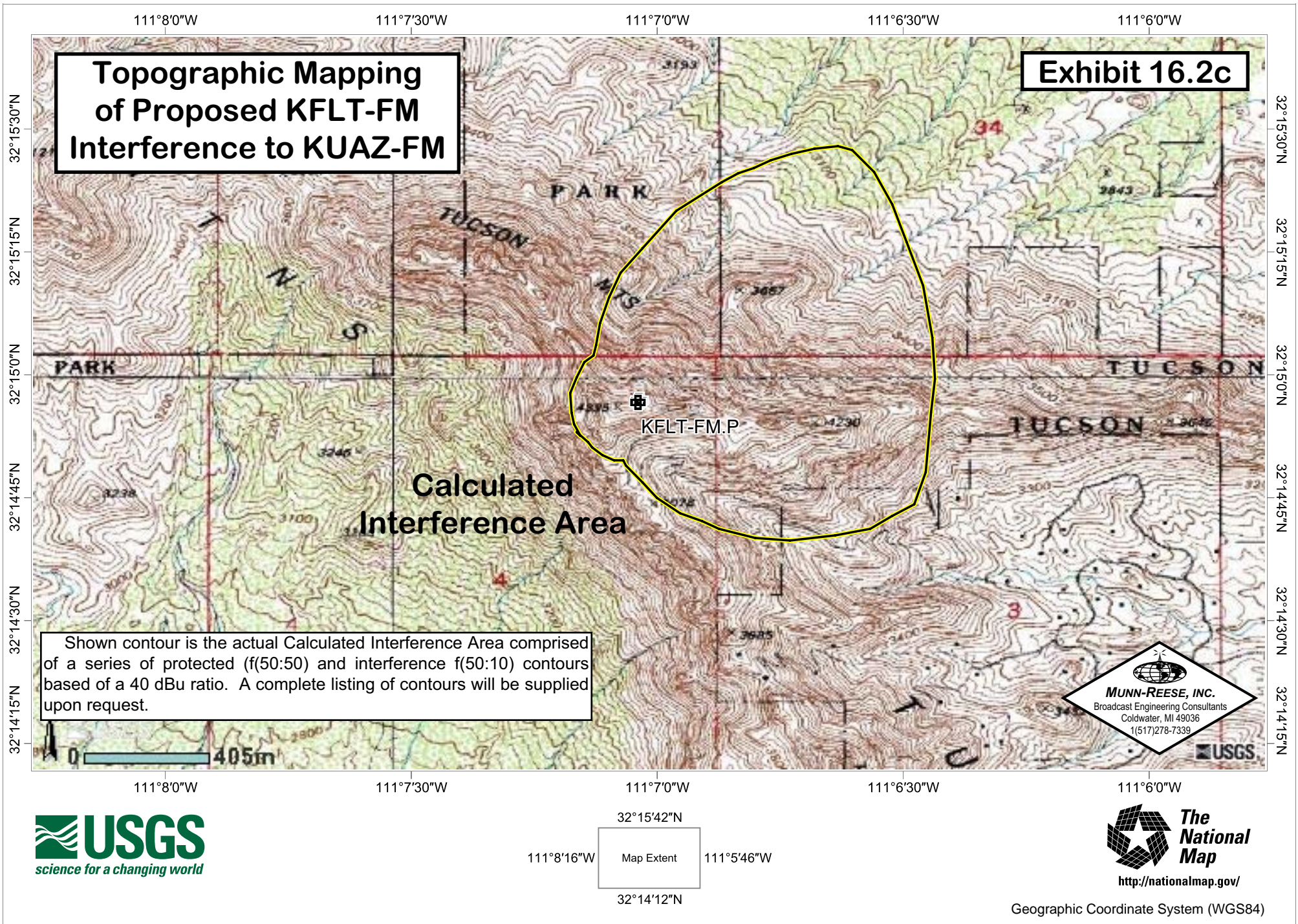
The Arizona Board of Regents for Benefit of the University of Arizona (the "University"), licensee of noncommercial educational Stations KUAZ-FM, Channel 206A, and KUAT-TV, NTSC Channel 6, Tucson, Arizona, hereby informs the Commission that it has no objection to and affirmatively supports this application of Family Life Broadcasting, Inc. ("FLB") to relocate its Station KFLT-FM, Channel 203A, to the Tucson Mountain antenna site. Specifically,

1. The University consents to grant Family Life Broadcasting, Inc.'s request for waiver of Section 73.509(a) prohibition against creation of third adjacent contour overlap between KUAZ-FM and KFLT-FM at its new site.
2. Pursuant to Section 73.525 of the Rules, this letter signifies the University's concurrence on behalf of KUAT-TV, NTSC Channel 6, with the proposed KFLT-FM site relocation.
3. The University has reviewed the KFLT-FM proposal and agrees with the FLB's determination that the proposed contour overlap is *de minimus* in nature. The University anticipates no new or additional actual interference to its listening population as a result of KFLT-FM's relocation and fully supports and endorses the KFLT-FM proposal.
4. The University requests that in the highly unlikely event that actual objectionable interference to KUAZ-FM does occur, KFLT-FM will take reasonable steps, expeditiously and in good faith, to resolve any new complaints of interference to listeners in the KUAZ-FM protected service areas, within one year of filing of the KFLT-FM license application covering the modifications. FLB's reliance upon this consent in connection with its FCC application will constitute its acceptance of this condition.

Yours truly,



Jack Parris
Director and General Manager



111°8'0"W

111°7'30"W

111°7'0"W

111°6'30"W

111°6'0"W

Aerial Photograph of Proposed KFLT-FM Interference to KUAZ-FM

Exhibit 16.2d

32°15'30"N

32°15'15"N

32°15'0"N

32°14'45"N

32°14'30"N

32°14'15"N

32°15'30"N

32°15'15"N

32°15'0"N

32°14'45"N

32°14'30"N

32°14'15"N

**Calculated
Interference Area**
KFLT-FM.P

Shown contour is the actual Calculated Interference Area comprised of a series of protected (f(50:50) and interference f(50:10) contours based of a 40 dBu ratio. A complete listing of contours will be supplied upon request.



405m

111°8'0"W

111°7'30"W

111°7'0"W

111°6'30"W

111°6'0"W


science for a changing world

111°8'16"W

32°15'42"N

Map Extent

111°5'46"W

32°14'12"N

<http://nationalmap.gov/>

Geographic Coordinate System (WGS84)

United States of America
FEDERAL COMMUNICATIONS COMMISSION
FM BROADCAST STATION LICENSE

Authorizing Official:

Official Mailing Address:

GOOD NEWS RADIO BROADCASTING, INC.
3222 S. RICHEY AVENUE
TUCSON AZ 85713

George H. Gwinn
Supervisory Engineer
Audio Division
Media Bureau

Facility Id: 79359

Call Sign: KLTU

License File Number: BLED-20061221ACP

Grant Date: January 09, 2007

This license expires 3:00 a.m.
local time, October 01, 2013.

This license covers permit no.: BPED-20051202ABA

Subject to the provisions of the Communications Act of 1934, subsequent acts and treaties, and all regulations heretofore or hereafter made by this Commission, and further subject to the conditions set forth in this license, the licensee is hereby authorized to use and operate the radio transmitting apparatus herein described.

This license is issued on the licensee's representation that the statements contained in licensee's application are true and that the undertakings therein contained so far as they are consistent herewith, will be carried out in good faith. The licensee shall, during the term of this license, render such broadcasting service as will serve the public interest, convenience, or necessity to the full extent of the privileges herein conferred.

This license shall not vest in the licensee any right to operate the station nor any right in the use of the frequency designated in the license beyond the term hereof, nor in any other manner than authorized herein. Neither the license nor the right granted hereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934. This license is subject to the right of use or control by the Government of the United States conferred by Section 606 of the Communications Act of 1934.

Callsign: KLTU

License No.: BLED-20061221ACP

Name of Licensee: GOOD NEWS RADIO BROADCASTING, INC.

Station Location: AZ-MAMMOTH

Frequency (MHz): 88.1

Channel: 201

Class: C1

Hours of Operation: Unlimited

Transmitter: Type Accepted. See Sections 73.1660, 73.1665 and 73.1670 of the Commission's Rules.

Transmitter output power: 1.00 kW

Antenna type: Non-Directional

Description: ERI P-300G-2AE, Two Sections

Antenna Coordinates: North Latitude: 32 deg 24 min 54 sec

West Longitude: 110 deg 42 min 56 sec

Horizontally Polarized Antenna	Vertically Polarized Antenna
--------------------------------------	------------------------------------

Effective radiated power in the Horizontal Plane (kW):	1.50
--	------

Height of radiation center above ground (Meters):	41
---	----

Height of radiation center above mean sea level (Meters):	2630
---	------

Height of radiation center above average terrain (Meters):	1083
--	------

Antenna structure registration number: 1002407

Overall height of antenna structure above ground (including obstruction lighting if any) see the registration for this antenna structure.

Special operating conditions or restrictions:

- 1 The permittee/licensee in coordination with other users of the site must reduce power or cease operation as necessary to protect persons having access to the site, tower or antenna from radiofrequency electromagnetic fields in excess of FCC guidelines.
- 2 Further modification of KFLT-FM, Tucson, AZ (Facility ID# 81952) will not be construed as a per se modification of KLTU's authorized facility. (See Educational Information Corporation, 6 FCC Rcd. 2207 (1991)).

*** END OF AUTHORIZATION ***

A Tabulation of Contours will be supplied upon request

Exhibit 16.4 Proposed 203C3 - Tucson, AZ vs ALLO 204B - Sabase, SO Mexico

⊕ KFLT-FM.P

54 dBu F(50:10) or 80 km

54 dBu F(50:50) or 65 km

60 dBu f(50:50)

48 dBu f(50:10)

KFLT-FM.P
Proposed Operation
Latitude: 32-14-57 N
Longitude: 111-06-59 W
ERP: 0.30 kW
HAAT: 581.42 m
Channel: 203
Frequency: 88.5 MHz
AMSL Height: 1353.0 m
Horiz. Pattern: Directional
Vert. Pattern: No
Prop Model: None

ALLO
RM9424
Latitude: 31-28-00 N
Longitude: 111-32-50 W
ERP: 50.00 kW
HAAT: 150.0 m
Channel: 204
Frequency: 88.7 MHz
AMSL Height: 1209.06 m
Horiz. Pattern: Omni
Vert. Pattern: No
Prop Model: None

⊕ ALLO

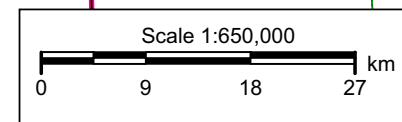


Exhibit 16.5

Compliance with 47 CFR §73.316(c)

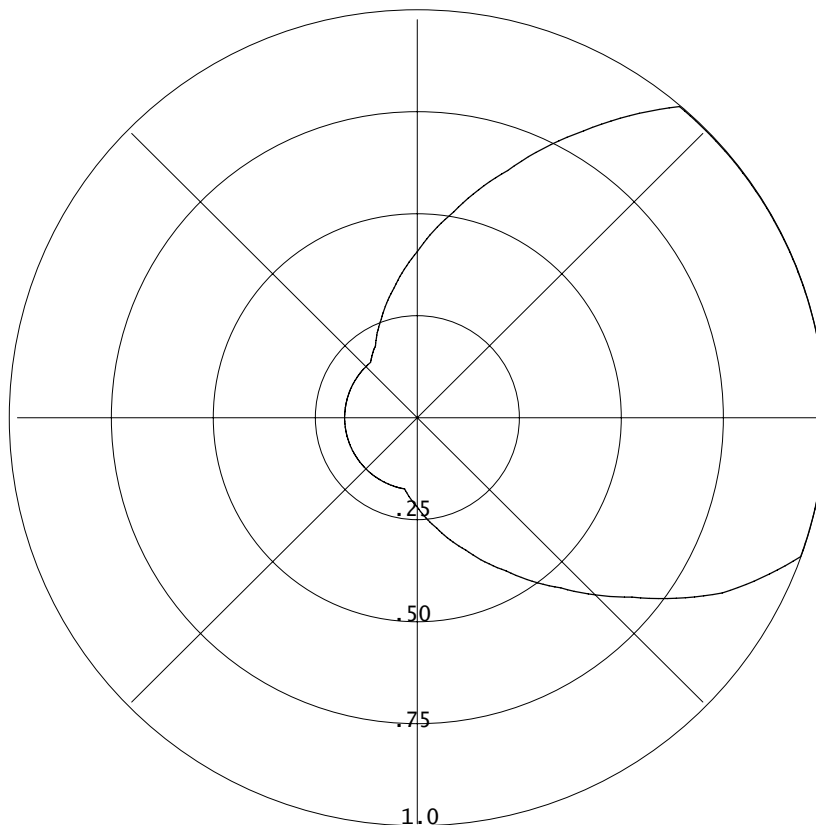
07-31-2007

RMS(V)= .58

Bearing Field % Voltage

Graph is Percent Relative Field Voltage

000	=	0.409
010	=	0.515
020	=	0.648
030	=	0.816
040	=	1.000
050	=	1.000
060	=	1.000
070	=	1.000
080	=	1.000
090	=	1.000
100	=	1.000
110	=	1.000
120	=	0.863
130	=	0.687
140	=	0.547
150	=	0.436
160	=	0.347
170	=	0.276
180	=	0.220
190	=	0.178
200	=	0.178
210	=	0.178
220	=	0.178
230	=	0.178
240	=	0.178
250	=	0.178
260	=	0.178
270	=	0.178
280	=	0.178
290	=	0.178
300	=	0.178
310	=	0.178
320	=	0.178
330	=	0.205
340	=	0.258
350	=	0.325



The antenna proposed in this application will be mounted in accordance with specific instructions provided by the antenna manufacturer. The antenna will be tested by the manufacturer using the type of mounting which will be employed in the field.

The directional antenna will be mounted on the tower which is of uniform cross section. The antenna will be mounted 27 meters AGL.

No other antennas of any type are or will be mounted on the same tower level as the directional antenna.

No antenna is or will be mounted within any vertical or horizontal distance specified by the antenna manufacturer as being necessary for proper operation of the directional antenna. The antenna will be assembled under the supervision of a qualified engineer, who will provide the required certification. This statement will certify that the antenna has been installed pursuant to the manufacturer's instructions. Also upon completion of antenna construction, a statement from a licensed surveyor will be submitted with the application for license certifying the antenna has been installed in the proper orientation.

The antenna will consist of one (1) bay. The directional antenna pattern will be produced by means of parasitic elements, adjusted to produce the required pattern.

The antenna pattern will be measured by the manufacturer on the test range, and the measurement results will be supplied to the Commission at the time Form 302-FM is filed covering the construction.

Munn-Reese, Inc.

Broadcast Engineering Consultants
Coldwater, MI 49036