

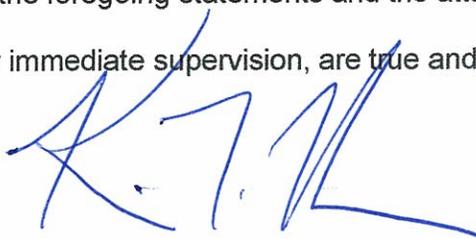
ENGINEERING STATEMENT

The engineering data contained herein have been prepared on behalf of HISPANIC BAKERSFIELD, LLC, licensee of Class A television station KBBV-CA, on Channel 19 in Bakersfield, California, in support of this Application for Construction Permit to specify digital operation on Channel 19 from the licensed KBBV-CA site, as a "flashcut" proposal.

It is proposed to utilize the existing Andrew directional antenna, which is mounted at the 24-meter level of an existing 61-meter communications tower. Exhibit B is a map upon which the predicted service contours are plotted. It is important to note that the newly proposed 51 dBu contour encompasses a significant portion of the Grade A contour that obtains from the licensed KBBV-CA facility. Operating parameters for the proposed facility are tabulated in Exhibit C. An interference study is provided in Exhibit D, and a power density calculation follows as Exhibit E.

Because no change in the overall height or location of the existing tower is proposed, the FAA has not been notified of this application. Due to the diminutive height of the tower and its proximity to the nearest airport runway, FCC antenna structure registration is not required. This conclusion is supported by the Commission's TOWAIR program.

I declare under penalty of perjury that the foregoing statements and the attached exhibits, which were prepared by me or under my immediate supervision, are true and correct to the best of my knowledge and belief.



KEVIN T. FISHER

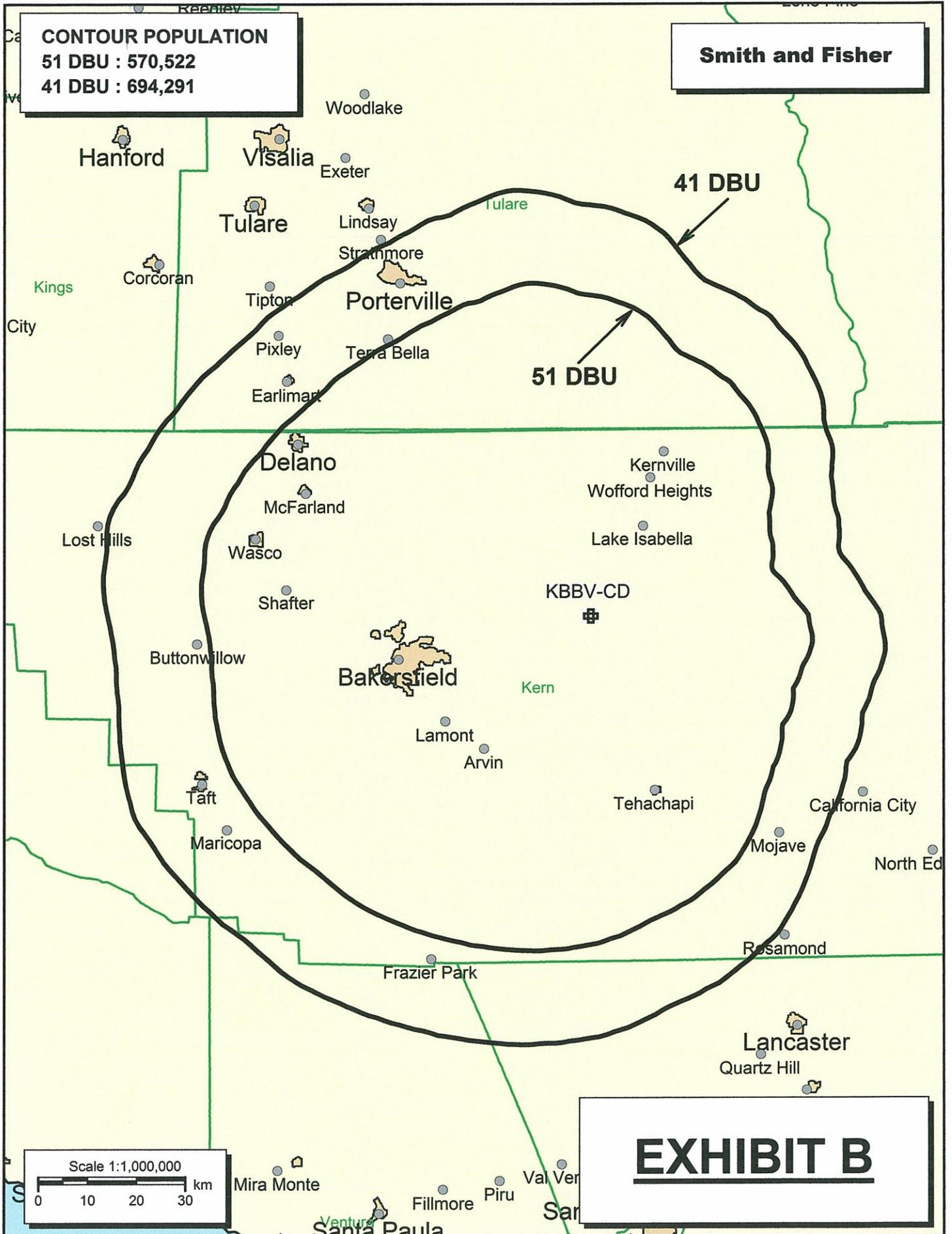
November 16, 2009

CONTOUR POPULATION

51 DBU : 570,522

41 DBU : 694,291

Smith and Fisher



PROPOSED OPERATING PARAMETERS

PROPOSED KBBV-CD
CHANNEL 19 – BAKERSFIELD, CALIFORNIA

Transmitter Power Output:	-5.4 dBk (0.3 kw)
Transmission Line Loss	0.9 dB
Antenna Power Gain – Main Lobe:	16.7 dB
Effective Radiated Power – Main Lobe:	10.4 dBk (11.0 kw)
Transmitter Make and Model:	Type-accepted
Transmission Line Make and Model:	Andrew HJ7-50A
Size and Type:	1-5/8" air heliax
Length:	191 feet
Antenna Make and Model:	Andrew ALP16L9-HSMR
Orientation	270° T
Beam Tilt	2.25 degrees
Radiation Center Above Ground:	24 meters
Radiation Center Above Mean Sea Level:	2324 meters

LONGLEY-RICE INTERFERENCE STUDIES
PROPOSED KBBV-CD
CHANNEL 19 – BAKERSFIELD, CALIFORNIA

We conducted a detailed interference study using the Longley-Rice methodology contained in the Commission's *OET Bulletin No. 69*, with respect to all facilities of concern. The software utilizes a 1-square kilometer cell size, calculates signal strength at 1.0 kilometer increments along each radial studied, and employs the 2000 U.S. Census to count population within cells. In addition, the program does not attribute interference to the proposed facility in cells within the protected contour of the station under study where interference from another source (other than proposed KBBV-CD) already is predicted to exist (also known as "masking"). A summary of the results of this study is provided in Exhibit D-2. It concludes that the facility proposed herein causes no significant new interference to any potentially affected station.

As a result, it is believed that the proposed KBBV-CD facility complies with the requirements of Sections 73.6016, 73.6017, 73.6018, 73.6019, 73.6020, 73.6027 and 74.794(b) of the Commission's Rules.

Summary Study

Census data selected: 2000

Post DTV Transition Database Selected

TV INTERFERENCE and SPACING ANALYSIS PROGRAM

Date: 11-14-2009 Time: 05:40:03

Record Selected for Analysis

KBBV-CA USERRECORD-01 BAKERSFIELD CA US
 Channel 19 ERP 11. kW HAAT 1109. m RCAMSL 02324 m STRINGENT MASK
 Latitude 035-27-11 Longitude 0118-35-25
 Status APP Zone 1 Border
 Dir Antenna Make usr Model USRPAT01 Beam tilt N Ref Azimuth
 270.
 Last update Cutoff date Docket
 Comments
 Applicant

Cell Size for Service Analysis 1.0 km/side

Distance Increments for Longley-Rice Analysis 1.00 km

Not full service station

Facility meets maximum power limit

Azimuth (Deg)	ERP (kW)	HAAT (m)	51.0 dBu F(50,90) (km)
0.0	2.641	1141.1	65.4
45.0	0.343	1037.4	50.5
90.0	0.192	864.8	44.2
135.0	0.343	1009.7	50.1
180.0	2.641	1256.3	67.1
225.0	7.031	1336.3	76.1
270.0	11.000	1214.6	78.1
315.0	7.031	1008.1	70.3

Contour Overlap to Proposed Station

Contour Overlap Evaluation to Proposed Station Complete

LANDMOBILE SPACING VIOLATIONS FOUND

To LOS ANGELES CA Channel 20 from Channel 19
 Required separation 176.0 km Actual 158.2 km Short 17.8 km
 Proposed facility OK to FCC Monitoring Stations

Proposed facility OK toward West Virginia quiet zone

Proposed facility OK toward Table Mountain

Proposed facility is beyond the Canadian coordination distance

Proposed facility is beyond the Mexican coordination distance

Proposed station is OK toward AM broadcast stations

Start of Interference Analysis

	Proposed Station		
Channel	Call	City/State	ARN
19	KBBV-CA	BAKERSFIELD CA	USERRECORD01

Stations Potentially Affected by Proposed Station

Chan No.	Call	City/State	Dist(km)	Status	Application	Ref.
18	K18HD-D	BAKERSFIELD CA	13.5	LIC	BLD TT	-
20080418AAS						
18	K18IM-D	DAGGETT, ETC. CA	166.4	CP	BDCCD TT	-
20061027AGW						
18	KSCI	LONG BEACH CA	146.0	CP MOD	BMPCD T	-
20080619ACW						
18	KMMA-CA	SAN LUIS OBISPO CA	187.4	LIC	BLTT	-
19980320JC						
18	KZDF-LP	SANTA BARBARA CA	147.8	CP	BDCCD TL	-
20061027ADP						
19	KMOH-TV	KINGMAN AZ	386.3	LIC	BLCD T	-
20060707ABK						
19	K19DI	CROWLEY LAKE - LONG CA	239.2	CP	BDFCD TT	-
20090515ACW						
19	K19DI	CROWLEY LAKE-LONG VA CA	239.2	LIC	BLT TL	-
19940405JH						
19	K19BS	DAGGETT CA	166.4	LIC	BLTT	-
19880912IB						
19	KLPS-LP	INDIO CA	283.7	CP	BDFCD TL	-
20090319ACW						
19	KLPS-LP	INDIO CA	283.7	LIC	BLT TL	-
19980922JE						
19	K41GO	INYOKERN CA	82.3	APP	BDISD TT	-
20090416AHW						
19	K19CL	INYOKERN CA	80.7	LIC	BLT TL	-
19910529IK						
19	K19BT	LUCERNE VALLEY CA	190.8	LIC	BLTT	-
19880307ID						
19	KSWB-TV	SAN DIEGO CA	342.2	LIC	BLCD T	-
20040722AAO						
19	KSWB-TV	SAN DIEGO CA	342.2	CP	BPCD T	-
20080620ADN						
19	KCOY-TV	SANTA MARIA CA	157.0	LIC	BLCD T	-
20030604ACM						
19	KMBY-LD	TEMPLETON CA	298.4	CP	BDCCD TL	-
20070413AGR						
19	NEW	VENTURA CA	126.0	APP	BDCCD TL	-
20060919ACH						

19	KHDF-CA	LAS VEGAS NV	329.3	LIC	BLTTA	-
20030121AAH						
19	KHDF-CA	LAS VEGAS NV	329.3	APP	BPTTA	-
20080804ADK						
19	K19BU	PAHRUMP NV	251.0	LIC	BLTT	-
19910611IV						
20	KKEY-LD	BAKERSFIELD CA	13.6	CP	BDCCDTL	-
20061026ADC						
20	K20IM	BARSTOW CA	154.9	CP	BPTTL	-
20081009ANQ						
20	K20IM	BARSTOW CA	156.7	LIC	BLTTL	-
20080814ADV						
20	K20IM	BARSTOW CA	154.9	CP	BDFCDTL	-
20090529AOX						
20	K20IU	BIG BEAR LAKE CA	203.8	LIC	BLTTL	-
20071207AAE						
20	KSSY-LP	FORD CITY CA	94.7	LIC	BLTTL	-
20081222ABD						
20	KFTV-DT	HANFORD CA	195.1	LIC	BLCDT	-
20020906ABE						
20	NEW	SANTA BARBARA CA	147.3	APP	BNPDTL	-
20090825ATL						
20	KWSM-LP	SANTA MARIA CA	157.0	APP	BDISDTL	-
20090821ADP						
21	K21FP	BAKERSFIELD CA	13.7	LIC	BLTT	-
20021009AAE						
21	DK50CL	BELRIDGE CA	39.5	APP	BMJPTTL	-
20000829ASI						
21	K21AC	VICTORVILLE, ETC. CA	151.1	LIC	BLTT	-
19820105IG						
22	KZMM-CA	FRESNO CA	195.1	LIC	BLTTA	-
20050525ARK						
22	K33DK	LUCERNE VALLEY CA	183.3	APP	BDISTT	-
20070705AEY						
22	K22EE	MORRO BAY CA	202.2	LIC	BLTT	-
19950824ID						
22	KPAO-CA	PASO ROBLES CA	195.4	LIC	BLTTA	-
20060414ABG						
22	KWHY-LP	SANTA BARBARA CA	147.9	LIC	BLTTL	-
20010416AAT						
22	KHIR-LP	TWIN PEAKS CA	181.3	LIC	BLTTL	-
20080324AAO						
22	KHIR-LP	TWIN PEAKS CA	198.2	APP	BPTTL	-
20081231AAB						
23	K23BP	DAGGETT, ETC. CA	166.4	LIC	BLTT	-
19880307IB						
23	K23CL	LOMPOC CA	186.4	LIC	BLTT	-
19920804JD						
23	KIMG-LP	VENTURA CA	140.2	LIC	BLTTL	-
19980626JI						
26	K26GN	LANCASTER CA	106.6	LIC	BLTTL	-
20080723ACC						
26	K26FT	SANTA BARBARA CA	147.9	LIC	BLTT	-
20020418AAW						
27	KJKZ-LP	FRESNO CA	156.6	LIC	BLTTL	-
20070130AAY						
27	KNLA-LP	LOS ANGELES CA	146.0	CP	BPTTL	-
20031219AUA						
27	KNLA-LP	LOS ANGELES CA	146.0	APP	BPTTL	-
20030326AHT						
27	KFRE-CA	TULARE CA	116.2	APP	BSTA	-

POWER DENSITY CALCULATION
PROPOSED KBBV-CD
CHANNEL 19 – BAKERSFIELD, CALIFORNIA

Since the FCC considers the possible biological effects of RF transmissions in its environmental determinations, we have studied the matter with respect to this Bakersfield facility. Employing the methods set forth in *OET Bulletin No. 65* and considering a main-lobe effective radiated power of 11.0 kw, an antenna radiation center 24 meters above ground, and the vertical pattern of the Andrew antenna, maximum power density two meters above ground of 0.040 mw/cm^2 is calculated to occur 7 meters west of the base of the tower. Since this is only 12.0 percent of the 0.33 mw/cm^2 reference for uncontrolled environments (areas with public access) surrounding a facility operating on Channel 19 (500-506 MHz), a grant of this proposal may be considered a minor environmental action with respect to public exposure to nonionizing electromagnetic radiation. It is also important to note that the conversion of KBBV-CA to digital operation will reduce by nearly 700 percent the contribution by the station to the total RF environment surrounding the tower.

Further, the station owner will take whatever precautionary steps are necessary, such as reducing power or leaving the air temporarily, to ensure that workers operating in the vicinity of the antenna are not exposed to excessive nonionizing radiation.