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ENGINEERING REPORT

J. B. Salazar

K42GJ, San Antonio, TX: Site Move Minor Modification

EXHIBIT 8

LPTV MINOR MODIFICATION – INTERFERENCE STUDIES

1. J. B. Salazar (“Applicant”) is the licensee of K42GJ, Uvalde, TX, analog channel 42. By this analog minor modification application, Applicant proposes a new transmitter site located in San Antonio, with a community change to San Antonio. K42GJ will continue to operate on channel 42(z) from the new transmitter site.

2. Attached as Figure 1 is a map showing 74 dBu (F50,50) service contour overlap between the licensed and proposed K42GJ facilities. Because there is no proposed channel change, and given that the licensed and proposed service contours overlap, this filing qualifies as a minor modification application.

3. The use of zero frequency offset is made in order to add protection to and from any nearby analog co-channel station. The applicant will maintain the requested offset per 47 C.F.R. Section 74.761 by use of a precision oscillator supplied by the transmitter manufacturer.

4. At the proposed ERP of less than 10 kW, this application does not require coordination with Mexico or Canada.

5. Attached as Figure 2 are the OET-69 study results for the proposed facility (as the referenced station) as determined on a Sun Computer using a Solaris (Unix-based) operating system and using the same OET-69 software as developed for use by the FCC. (According to the software developer, the program used herein provides identical results as the FCC’s OET-69 processing program.) As demonstrated by Figure 2, the proposed facility adequately protects all required US broadcast stations as required by the FCC Rules. All studies are conducted in accordance with current FCC Rules and Regulations.

6. The applicant accepts any interference that is predicted to exist to the proposed facility by any licensed, authorized or previously proposed primary TV station. The applicant also accepts any interference that is predicted to exist to the proposed facility by any secondary TV facility that is given preferential status by the FCC over the Applicant’s herein proposed facility.

FIGURE 1: K42GJ, SAN ANTONIO, TX: MAP SHOWING CONTOUR OVERLAP WITH LICENSED FACILITY

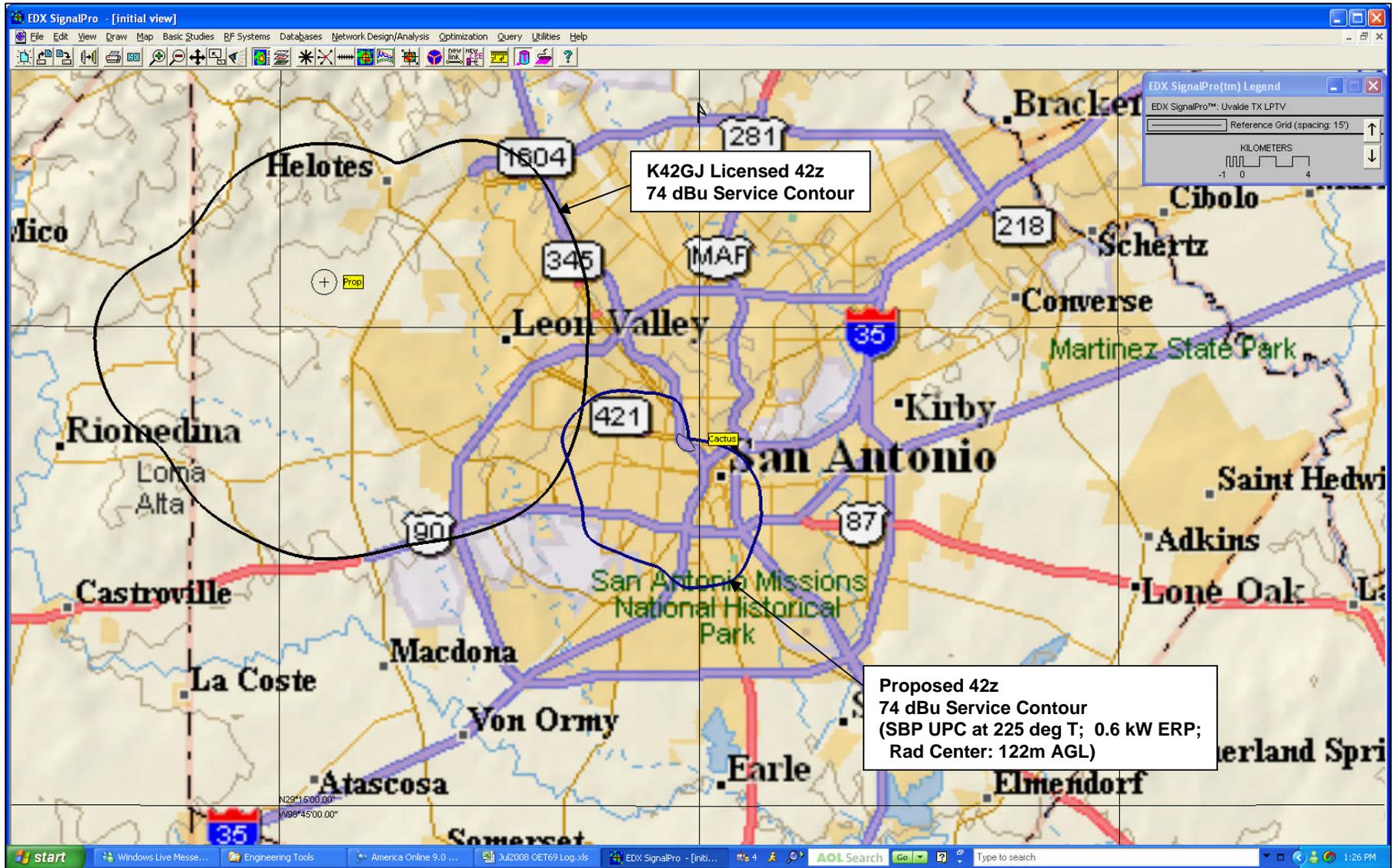


FIGURE 2 – OET-69 SHOWING FOR K42GJ, SAN ANTONIO, TX, CH 42z

TV INTERFERENCE and SPACING ANALYSIS PROGRAM

Date: 08-13-2008 Time: 13:26:22

Record Selected for Analysis

K42GJ USERRECORD-01 UVALDE TX US
Channel 42 ERP 0.6 kW HAAT 145. m RCAMSL 00329 m
Latitude 029-26-29 Longitude 0098-30-22
Status APP Zone 2 Border Offset Z
Dir Antenna Make usr Model SBP_UPC Beam tilt N Ref Azimuth 225.
Last update Cutoff date Docket
Comments
Applicant

Census data selected: 1990

Cell Size for Service Analysis 2.0 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)	74.0 dBu F(50,50) (km)
0.0	0.000	76.7	0.5
45.0	0.000	98.9	0.5
90.0	0.000	119.6	0.5
135.0	0.141	139.4	5.9
180.0	0.586	144.7	8.6
225.0	0.599	126.1	8.1
270.0	0.586	102.5	7.3
315.0	0.141	60.0	3.9

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 within the Mexican coordination distance
Distance to border = 205.2km

Proposed station is OK toward AM broadcast stations

FIGURE 2 – OET-69 SHOWING FOR K42GJ, SAN ANTONIO, TX, CH 42z

38	KVDA	SAN ANTONIO TX	0.0	LIC	BLCDT	-20021015ABQ
38	KVDA-DT	SAN ANTONIO TX	0.0	PLN	DTVPLN	-DTVP1071
39	KWEX-TV	SAN ANTONIO TX	0.0	LIC	BLCDT	-20040126APA
39	KWEX-DT	SAN ANTONIO TX	0.0	PLN	DTVPLN	-DTVP1108
41	KVVV-DT	BAYTOWN TX	292.9	PLN	DTVPLN	-DTVP1175
41	KAZH	BAYTOWN TX	267.8	CP	BPCDT	-19991101ADZ
41	KXAS-DT	FORT WORTH TX	386.2	PLN	DTVPLN	-DTVP1176
42	KEYE-TV	AUSTIN TX	122.4	LIC	BLCT	-20031014ACM
43	KEYE-TV	AUSTIN TX	122.4	LIC	BLCDT	-20031001BGN
43	KEYE-DT	AUSTIN TX	122.2	PLN	DTVPLN	-DTVP1244
48	KSAT-DT	SAN ANTONIO TX	2.7	PLN	DTVPLN	-DTVP1402
49	KNVA	AUSTIN TX	122.9	CP	BPCDT	-20080606AAC
49	KNVA-DT	AUSTIN TX	122.9	PLN	DTVPLN	-DTVP1432
49	KNVA	AUSTIN TX	122.9	LIC	BLCDT	-20060721ABF
55	KENS-DT	SAN ANTONIO TX	2.9	PLN	DTVPLN	-DTVP1577
56	KTBC-DT	AUSTIN TX	121.5	PLN	DTVPLN	-DTVP1596
42	K42GJ	UVALDE TX	29.0	APP	USERRECORD-01	

Proposal causes no interference

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Analysis of Interference to Affected Station 2

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
43	KOBS-LP	SAN ANTONIO TX	BLTTL	-20030514ADX

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
36	KXAN-TV	AUSTIN TX	115.4	LIC	BLCT	-19971202KF
39	KWEX-TV	SAN ANTONIO TX	30.6	LIC	BLCDT	-20040126APA
39	KWEX-DT	SAN ANTONIO TX	30.6	PLN	DTVPLN	-DTVP1108
42	KEYE-TV	AUSTIN TX	114.8	LIC	BLCT	-20031014ACM
42	K42GJ	UVALDE TX	22.9	CP	BPTTL	-20071211ABA
43	KEYE-TV	AUSTIN TX	114.8	LIC	BLCDT	-20031001BGN
43	KEYE-DT	AUSTIN TX	114.7	PLN	DTVPLN	-DTVP1244
43	NEW	CORPUS CHRISTI TX	215.5	APP	BSFDTL	-20060630CIX
43	NEW	CORPUS CHRISTI TX	215.3	APP	BSFDTL	-20060630CKI
43	NEW	CORPUS CHRISTI TX	215.4	APP	BSFDTL	-20060630DDQ
43	KDTN	DENTON TX	370.6	LIC	BLEDT	-20040301AAH
43	KDTN-DT	DENTON TX	374.9	PLN	DTVPLN	-DTVP1245
44	KHPF-CA	FREDERICKSBURG TX	94.7	CP	BDFCDTA	-20060329AHQ
44	KGMM-CA	SAN ANTONIO TX	30.6	LIC	BLTTA	-20040406AAU
58	KMOL-DT	SAN ANTONIO TX	32.1	PLN	DTVPLN	-DTVP1638
42	K42GJ	UVALDE TX	4.4	APP	USERRECORD-01	

Proposal causes no interference

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