

# **CALVARY CHAPEL OF TWIN FALLS, INC.**

## **EXHIBIT 17**

**KJCC Carnegie, OK**

**BLED-20050504AAA**

**November 2011**

### **Contour Overlap Requirements / Allocation Study**

The allocation tabulation for the proposed station is reported on the following pages. Summarizing the explanation, each pair of lines represents an existing or proposed full service station. Entries which have a negative number in the columns marked **IN** or **OUT** could cause interference with the proposed station. For clarity, the groups are discussed in the order they first appear on the tabulation.

#### **This application is using V-Soft FCC method 03 arc sec engineering**

All the stations/applications listed are clear of prohibited contour overlap on the straight line connecting them to the proposed station, since both the **IN** and **OUT** entries are positive in all cases except, of course, the entry reflecting the station being modified. Maps are provided for the first nine entries, after the proposed. Visual inspection shows there is no prohibited contour overlap; NO FMOVER proofs are needed or supplied. The first application, after the entry of the station being modified on the printout, is KCSC Edmond, Oklahoma, showing no prohibited contour overlap. All maps are shown to be clear of incoming and outgoing overlap and are sufficient to certify the clearance of all the entries. The Maps are shown in EXHIBIT 17.

#### **IF (53 or 54 channel spacing) relationships**

There were no nearby IF spaced stations found in the study.

#### **TV channel 6**

There are no TV channel 6 within the distance

#### **Class Contour Distance**

The maximum proposed ERP is 38kW, the 8 radial HAAT is 141 meters and the class contour distance in kilometers is 48.5 km, which after rounding is 49 km. According to §73.211(b)(1), this proposal is a Class C2 class filing.

Calvary Chapel of Twin Falls, Inc.

REFERENCE 35 24 37.0 N. 98 16 44.0 W.  
 Carnegie, OK Minor Change  
 Calvary Chapel Of Twin Falls, Inc.  
 CH# 208C2 - 89.5 MHz, Pwr= 38 kW DA, HAAT= 141.0 M, COR= 600 M  
 Average Protected F(50-50)= 48.5 km  
 Standard Directional  
 DISPLAY DATES  
 DATA 10-31-11  
 SEARCH 11-04-11

CH CITY	CALL	TYPE STATE	ANT	AZI <--	DI ST FILE #	LAT LNG	PWR(kW) HAAT(M)	INT(km) COR(M)	PRO(km) LICENSEE	*IN* (Overlap in km)	*OUT*
208A Carnegie	KJCC	LIC_VX OK		208.5 28.4	37.1 BLED20050504AAA	35 06 59.0 98 28 26.0	0.350 59	31.5 473	9.4 Calvary Chapel Of Twin Fal	-40.4*	-90.4
211C1 Edmond	KCSC	LIC_CN OK		75.6 256.1	74.2 BLED19980428KC	35 34 24.0 97 29 08.0	100.000 256	8.9 605	66.7 The University Of Central	14.1	1.7
207A Norman	KSSO	CP DCX OK		105.1 285.5	79.1 BPED20110124ABB	35 13 22.0 97 26 21.0	5.900 50	23.4 399	15.7 Family Worship Center Chur	15.2	2.8
207A Norman	KSSO	LIC_CX OK		105.1 285.5	79.1 BLED20070125AAT	35 13 22.0 97 26 21.0	2.300 50	22.8 399	15.3 Family Worship Center Chur	15.8	3.3
207C3 Lawton	KCCU	CP DCX OK		179.5 359.5	87.3 BPED20110902AAB	34 37 24.0 98 16 16.0	10.000 141	49.3 486	32.2 Cameron University	4.7	5.0
206C1 Clinton	KYCU	LIC_CX OK		273.6 93.2	64.6 BLED20021001AAC	35 26 40.0 98 59 22.0	40.000 193	6.7 680	56.7 Cameron University	29.7	5.3
209C0 Ponca City	KJTH	LIC_CX OK		25.4 205.8	145.9 BLED20041018ACD	36 35 42.0 97 34 38.0	100.000 307	104.7 626	72.1 The Love Station, Inc,	7.0	22.7
207C2 Loyal	KIEL	CP DHX OK		4.8 184.8	72.6 BMPED20110421AAA	36 03 43.0 98 12 40.0	50.000 59	31.3 416	21.0 New Life Mission	14.0	10.5
207A Lawton	KCCU	LIC_EN OK		179.5 359.5	87.2 BLED19890731KB	34 37 26.0 98 16 15.0	2.000 141	36.5 486	24.2 Cameron University	17.4	12.9
205C1 Oklahoma City	KYLV	CP DCX OK		76.7 257.2	73.9 BMPED20110830AAM	35 33 37.0 97 29 06.0	5.900 464	4.6 814	53.2 Educational Media Foundati	18.2	14.9
205C1 Oklahoma City	KYLV	LIC DCX OK		75.6 256.1	74.2 BLED20070604AAC	35 34 24.0 97 29 08.0	39.000 205	5.8 555	51.7 Educational Media Foundati	17.2	16.8
209A Dibble	KVOY	CP DCX OK		133.5 313.8	77.5 BNPED20071019ASV	34 55 46.0 97 39 43.0	2.400 56	22.5 394	15.1 Norman Unitarian Universal	26.9	19.5
208C3 Ada	KCNP	LIC DCX OK		119.9 300.8	160.1 BLED20070228ABU	34 41 01.0 96 45 44.0	5.800 177	97.3 512	36.6 The Chickasaw Nation	28.7	28.0
207A Langston	KALU	LIC_C_ OK		56.9 237.5	109.7 BLED19951003KA	35 56 36.0 97 15 32.0	0.150 61	11.1 364	7.8 Langston University	52.3	33.2
208C1 Tulsa	KWGS	LIC_C_ OK		73.1 254.7	245.1 BMLLED20101110AAU	36 01 15.0 95 40 32.0	50.000 325	156.7 519	66.6 The University Of Tulsa	37.1	45.2
208C3 Wichita Falls	KMOC	LIC_C_ TX		188.7 8.5	170.6 BLED20100929ACM	33 53 23.0 98 33 30.0	3.000 200	90.0 503	32.9 Christian Service Foundati	43.3	38.3
205A Cache	KARU	LIC_VX OK		203.7 23.5	93.8 BLED20050721ABL	34 38 10.0 98 41 32.0	0.440 79	1.5 493	8.2 Educational Media Foundati	48.4	81.1
207A Altus	KTHL	LIC_CX OK		229.1 48.5	130.3 BLED20101214ABG	34 38 21.0 99 21 19.0	1.500 77	23.1 492	15.5 The Love Station, Inc.	63.8	50.6
208C0 Spearman	KTOT	LIC_C_ TX		287.1 105.5	259.4 BLED20021115ABX	36 03 44.0 101 01 56.0	100.000 325	179.8 1227	77.2 Kanza Society, Inc.	54.6	106.7
210C2 Hammon	KTHF	LIC_CX OK		283.6 103.0	102.2 BLED20100818AAY	35 37 16.0 99 22 32.0	26.500 90	4.6 647	42.9 The Love Station, Inc.	72.0	57.0
210C2 Grandfield	KWKL	LIC_VX OK		186.1 6.0	127.0 BLED20060629AFW	34 16 19.0 98 25 30.0	45.000 152	5.6 454	50.0 Educational Media Foundati	84.4	73.5

Terrain database is USGS 03 SEC , R= 73.215 qualifying spacings or FCC minimum Spacings in KM, M= Margin in KM  
 Contour distances are on direct line to and from reference station. Reference zone= , Co to 3rd adjacent.  
 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.