

## **EXHIBIT 13**

**Waiver Request of Section 74.1204**  
Yakima WA K218CX 11 Watts ERP  
Minor Change  
Calvary Chapel of Twin Falls, Inc.  
8/2017

The proposed site is contained entirely inside the service contour of second-adjacent stations KYPL Yakima and KDNA Yakima

### **KYPL**

The proposed site is contained entirely inside the service contour of second-adjacent station KYPL, 216C1, 26kW, Yakima, WA. The level of least arriving protected F(50,50) signal at the proposed transmitter site is 81.0-dBu. Using the U/D method for calculating proposed interference, the interfering contour is 121-dBu (free-space contour method employed). The interfering signal would, in the worst case at the maximum radial, extend 20.7 meters, or 68 feet from the base of the tower. The tower is located in a very sparsely populated area and attached is a section of the USGS Pomona (WA) Quadrangle with an interference area of more than 68 feet, marked in yellow. The only structures within this area are communications towers and their equipment buildings, which aren't shown on the TOPO map. There are no residences, businesses or major roads that are located within the interfering contour, therefore Calvary Chapel of Twin Falls, Inc. respectfully requests a waiver of the FM translator contour overlap regulations with respect to second-adjacent channel station KYPL.

### **KNDA**

The proposed site is contained entirely inside the service contour of second-adjacent station KDNA, 220C1, 18.5kW, Yakima, WA. The level of least arriving protected F(50,50) signal at the proposed transmitter site is 82.3-dBu. Using the U/D method for calculating proposed interference, the interfering contour is 122.3-dBu (free-space contour method employed). The interfering signal would, in the worst case at the maximum radial, extend 17.9meters, or 59 feet from the base of the tower. The tower is located in a very sparsely populated area and attached is a section of the USGS Pomona (WA) Quadrangle with an interference area of more than 58 feet, marked in yellow. The only structures within this area are communications towers and their equipment buildings, which aren't shown on the TOPO map. There are no residences, businesses or major roads that are located within the interfering contour, therefore Calvary Chapel of Twin Falls, Inc. respectfully requests a waiver of the FM translator contour overlap regulations with respect to second-adjacent channel station KDNA.

Yakima WA K218CX Minor Change  
 Calvary Chapel of Twin Falls, Inc.  
 Average Protected F(50-50)= 11.22 km  
 Omni-directional

REFERENCE  
 46 38 05.0 N.  
 120 24 19.0 W.

CH# 218D - 91.5 MHz, Pwr= 0.011 kw, HAAT= 352.3 M, COR= 884 M

DISPLAY DATES  
 DATA 08-01-17  
 SEARCH 08-01-17

CH CITY	CALL	TYPE STATE	ANT	AZI <--	DIST FILE #	LAT LNG	PWR(kw) HAAT(M)	INT(km) COR(M)	PRO(km) LICENSEE	*IN* (Overlap in km)	*OUT*
218D Yakima	K218CX	LIC _C_ WA		0.0 0.0	0.00 BLFT20140811ABU	46 38 05.0 120 24 19.0	0.010 884	31.6 884	9.5 Calvary Chapel of Twin Fal	-41.4*	-41.9*
220C1 Yakima	KDNA	LIC _C_ WA		216.0 35.9	14.61 BMLED20060906ABQ	46 31 42.0 120 31 03.0	18.500 280	5.1 641	47.8 Northwest Communities Educ	-4.3	-33.4*
216C1 Yakima	KYPL	LIC _CX_ WA		178.6 358.6	13.50 BLED20100607AIV	46 30 48.0 120 24 03.0	26.000 242	4.5 627	42.6 Growing Christian Foundati	-5.9	-29.3*
218C2 Moses Lake	KLWS	LIC _C_ WA		39.3 219.9	97.99 BLED19970609KD	47 18 50.0 119 34 55.0	7.200 209	116.3 727	48.1 Washington State Universit	-26.7*	21.9
218D Cle Elum	K218DF	LIC _V_ WA		333.5 153.2	65.69 BLFT20160610AAD	47 09 46.0 120 47 36.0	0.028	42.7 909	12.6 Calvary Chapel of Twin Fal	11.3	16.2
6 Yakima	-- K06PU-D	CP _D_N_ WA		297.2 117.0	18.73 BNPDVL-20091123AAJ	46 42 41.2 120 37 26.4	0.300 -999	1.3 719	2.1	3.4R	15.3M
218C0 Portland	KOPB-FM	LIC _C_ OR		236.4 54.7	218.78 BLED20030213AAI	45 31 21.0 122 44 45.0	73.000 470	184.2 561	84.2 Oregon Public Broadcasting	21.2	86.1
6 Baker Flats, Ect	-- K060Y	LI _D_N_ WA		3.8 183.8	95.68 BLTTV-20120217AAAA	47 29 36.4 120 19 18.2	0.010 -999	1.3 727	0.1	1.5R	94.2M
6 Pasco	-- K06QD-D	CP _D_N_ WA		118.8 299.7	105.58 BNPDVL-20100218AAD	46 10 16.1 119 12 11.9	0.300 -999	1.3 299	0.1	1.4R	104.1M
6 The Dalles	-- K06NI	LI _N_ OR		208.4 27.9	116.33 BLTVL-20050309ACCR	45 42 42.4 121 07 02.2	0.250 -999	1.3 977	2.9	4.2R	112.1M

Terrain database is USGS 03 SEC , R= 73.215 qualifying spacings or FCC minimum Spacings in KM, M= Margin in KM  
 In & Out distances between contours are shown at closest points. Reference zone= West Zone, Co to 3rd adjacent.  
 All separation margins (if shown) include rounding.  
 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 restricted contour.

