

Educational Media Foundation

Exhibit 18

5700 West Oaks Boulevard ♦ Rocklin ♦ California ♦ 95765

Truth or Consequences, NM

Channel Study

REFERENCE CH# 216C2- 91.1 MHz, Pwr= 1.1 kW DA, HAAT= 828.6 M, COR= 2330 M DISPLAY DATES
32 58 13.0 N. Average Protected F(50-50)= 52.9 km DATA 12-30-16
107 13 33.0 W. Standard Directional SEARCH 12-30-16

CH CITY	CALL	TYPE	ANT STATE	AZI. <--	DIST FILE #	LAT. LNG.	Pwr(kW) HAAT(M)	INT(km) COR(M)	PRO(km) LICENSEE	*IN* (Overlap in km)	*OUT*
216C2 Truth Or Consequenc	KLCF!	CP	DCX NM	180.0 0.0	0.09 BPED20150318AAR	32 58 10.0 107 13 33.0	1.200 780	118.1 2294	46.8 Educational Media Foundati	-166.9 -167.3	
216C3 Truth Or Consequenc	KLCF!	LIC	CX NM	180.0 0.0	0.09 BLED20131030ADG	32 58 10.0 107 13 33.0	0.190 780	89.4 2294	30.4 Educational Media Foundati	-138.2 -150.9	
217C3 Silver City	KRXG	LIC	HX NM	263.1 82.6	95.71 BLED20131129AHV	32 51 48.0 108 14 28.0	0.620 432	36.5 2456	24.3 Regents Of New Mexico Stat	16.6 8.0	
216A El Paso	KVER	LIC	CX TX	151.7 332.1	148.26 BMLED20160217ABA	31 47 33.0 106 28 48.0	0.510 340	67.7 1560	22.5 World Radio Network, Inc.	33.9 8.2	
217A Silver City	VA8943	VAC	N NM	257.5 76.9	100.95	32 46 12.0 108 16 41.0	6.000 100	45.1 1962	29.2 13.4	8.4	
216C3 Belen	KQGC	LIC	HX NM	7.1 187.2	159.32 BMLED20090630AFW	34 23 44.0 107 00 42.0	7.000 49	85.2 1724	26.1 Carlos Arana Ministries, I	23.9 10.8	
217C2 Ruidoso	KKLB	LIC	CX NM	69.9 250.6	143.00 BLED20140925AFV	33 24 15.2 105 46 54.7	0.500 882	74.2 3308	50.1 Educational Media Foundati	18.3 17.4	
214C1 Las Cruces	KRWG	LIC	CX NM	163.4 343.5	82.29 BLED20141218ADY	32 15 33.0 106 58 30.0	100.000 103	4.5 1432	42.0 Regents Of New Mexico Stat	31.5 38.0	
219A Deming	DKZPI	LIC	CN NM	213.4 33.1	94.47 BLED19920615KH	32 15 31.0 107 46 45.0	0.600 19	1.6 1350	8.9 Paulino Bernal Evangelism	39.7 83.6	
218A Las Cruces	KRUX	LIC	CN NM	149.6 329.8	88.22 BLED19890928KA	32 17 03.0 106 45 00.0	1.000 -59	1.6 1215	10.2 Bd Of Regents, New Mexico	39.9 75.8	
218A Las Cruces	KRUX	CP	DCX NM	149.5 329.7	88.47 BMPED20160429ABH	32 16 58.5 106 44 49.7	1.200 -40	1.6 1235	11.9 Bd Of Regents, New Mexico	40.1 74.3	
215C Safford	VA9006	VAC	N AZ	266.9 85.6	233.45	32 50 00.0 109 42 57.0	100.000 600	139.2 1594	93.9 51.1	75.3	
219C2 Alamogordo	KLGA	LIC	CX NM	96.8 277.5	126.31 BMLED20131107AGU	32 49 47.0 105 53 10.0	1.400 512	2.6 2401	60.7 Educational Media Foundati	73.0 63.3	

Terrain database is FCC NGDC 30 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= - Zone 2, 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)
« = Station meets FCC minimum distance spacing for its class.

Reference station has protected zone issue: Mexico

Exhibit 18-A

FMCommander Single Allocation Study - 12-31-2016 - FCC NGDC 30 Sec
KLCF.P's Overlaps (In= 16.63 km, Out= 8.01 km)

KLCF.P CH 216 C2 DA
Lat= 32 58 13.0, Lng= 107 13 33.0
1.1 kW 828.6 m HAAT, 2330 m COR
Prot.= 60 dBu, Intef.= 54 dBu

KRXG CH 217 C3 BLED20131129AHV
Lat= 32 51 48.0, Lng= 108 14 28.0
0.62 kW 432 m HAAT, 2456 m COR
Prot.= 60 dBu, Intef.= 54 dBu

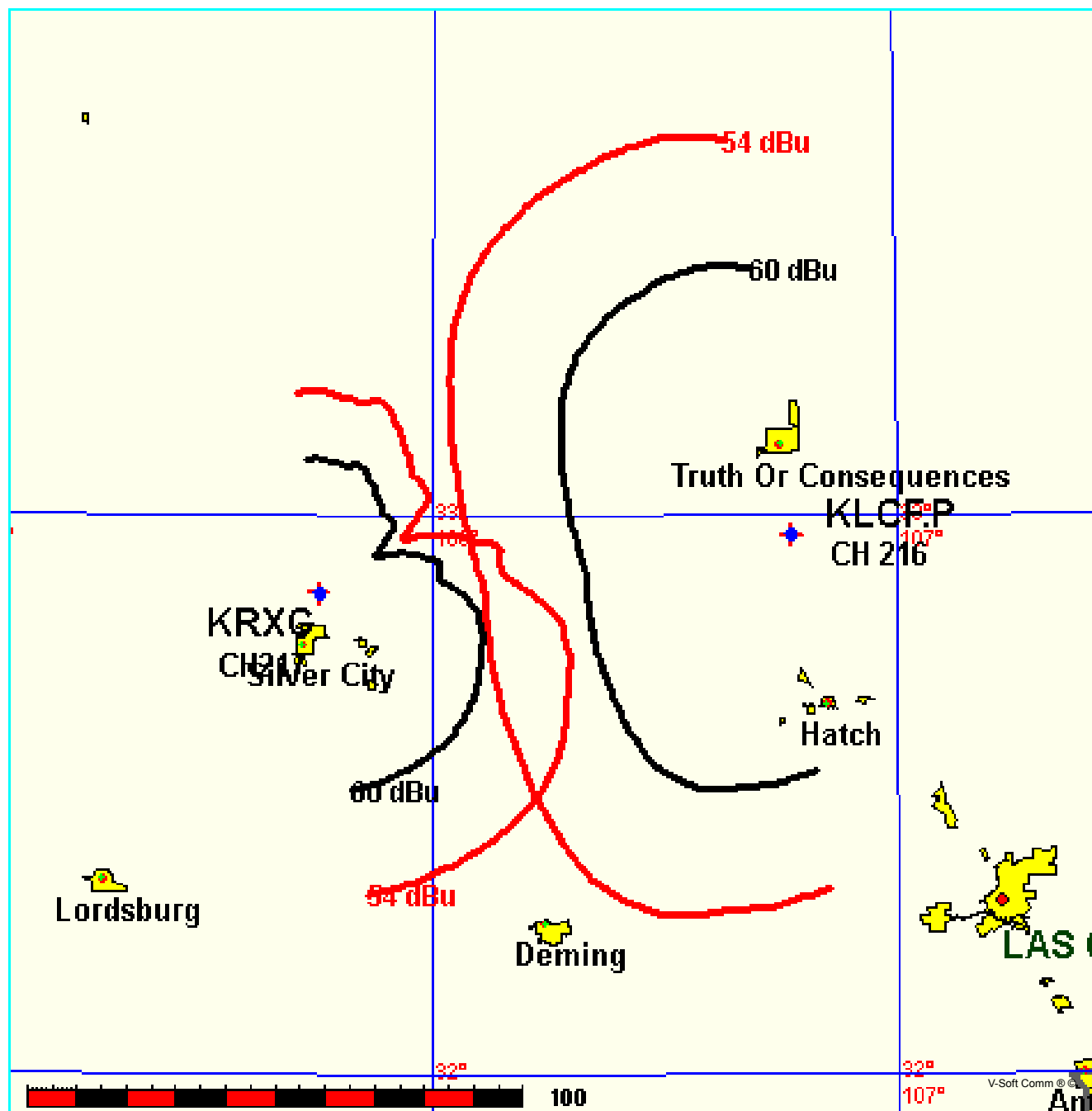


Exhibit 18-B

FMCommander Single Allocation Study - 12-31-2016 - FCC NGDC 30 Sec
KLCF.P's Overlaps (In= 33.94 km, Out= 8.18 km)

KLCF.P CH 216 C2 DA
Lat= 32 58 13.0, Lng= 107 13 33.0
1.1 kW 828.6 m HAAT, 2330 m COR
Prot.= 60 dBu, Intef.= 40 dBu

KVER CH 216 A BMLED20160217ABA
Lat= 31 47 33.0, Lng= 106 28 48.0
0.51 kW 340 m HAAT, 1560 m COR
Prot.= 60 dBu, Intef.= 40 dBu

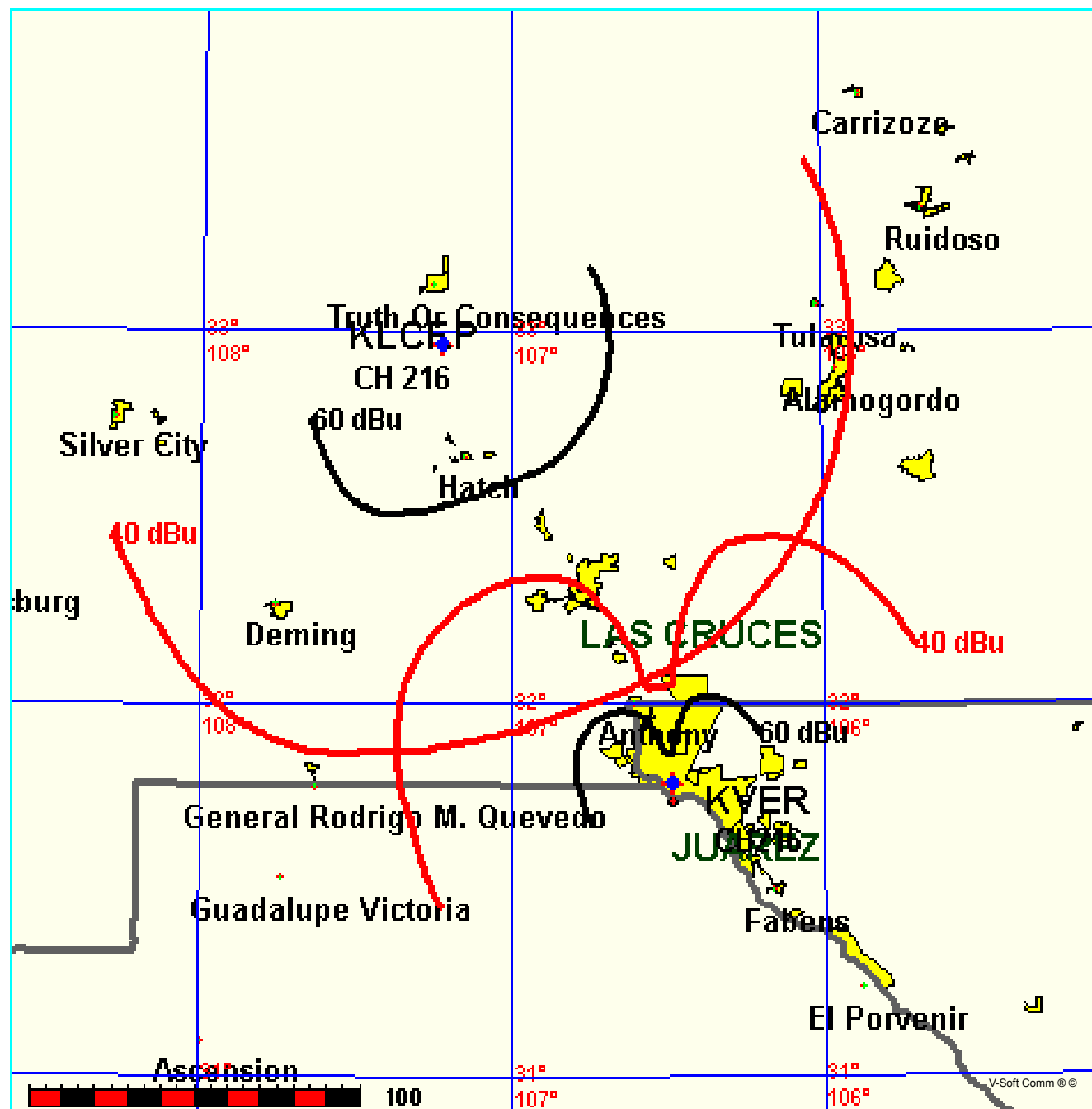


Exhibit 18-C

FMCommander Single Allocation Study - 12-31-2016 - FCC NGDC 30 Sec
KLCF.P's Overlaps (In= 23.85 km, Out= 10.78 km)

KLCF.P CH 216 C2 DA
Lat= 32 58 13.0, Lng= 107 13 33.0
1.1 kW 828.6 m HAAT, 2330 m COR
Prot.= 60 dBu, Intef.= 40 dBu

KQGC CH 216 C3 BMLED20090630AFW
Lat= 34 23 44.0, Lng= 107 00 42.0
7.0 kW 49 m HAAT, 1724 m COR
Prot.= 60 dBu, Intef.= 40 dBu

