

# Educational Media Foundation

5700 West Oaks Boulevard ♦ Rocklin ♦ California ♦ 95765

Exhibit 16

Inyokern, CA

## Channel Study

REFERENCE		CH# 203B1- 88.5 MHz, Pwr= 1 kW, HAAT=396.0M, COR= 1360 M						DISPLAY DATES		
35 28 39.0 N.		Average Protected F(50-50)= 35.8 km						DATA 04-19-07		
117 41 58.0 W.								SEARCH 04-24-07		
CH	CALL	TYPE ANT	AZI.	DIST	LAT.	Pwr(kW)	INT(km)	PRO(km)	*IN*	*OUT*
CITY		STATE	<--	FILE #	LNG.	HAAT(M)	COR(M)	LICENSEE	(Overlap	in km)
**203B1	KZLU	APP DCX	0.0	0.00	35 28 39.0	1.000	103.1	38.8	-141.90*	-141.90*
Inyokern		CA	0.0	BMPED20061106AAI	117 41 58.0	396	1360	Educational Media Foundati		
204A	KZLU	CP CX	0.0	0.00	35 28 39.0	0.180	40.1	25.8	-78.91*	-85.20*
Inyokern		CA	0.0	BPED19990407MC	117 41 58.0	399	1361	Educational Media Foundati		
203A	KHMS	LIC CN	158.7	103.16	34 36 40.0	0.200	85.0	28.6	3.42	25.36
Victorville		CA	338.9	BLEDD19961016KA	117 17 20.0	461	1374	Faith Communications Corpo		
204B	KYLU	APP DCX	268.3	80.91	35 27 10.0	0.390	53.2	34.9	14.81	26.77
Tehachapi		CA	87.8	BPED20061106AAJ	118 35 25.0	1126	2348	Educational Media Foundati		
201B1	KCRY	LIC CN	229.5	60.70	35 07 20.0	10.500	3.9	39.4	38.82	20.88
Mojave		CA	49.2	BLEDD20000518AAZ	118 12 25.0	-29	1113	Santa Monica Community Col		
206B	KODV	APP DCX	133.0	82.24	34 58 17.0	5.800	3.9	42.7	63.49	39.12
Barstow		CA	313.4	BPED20070108AAX	117 02 22.0	219	1026	Ondas De Vida, Inc.		
203B	KQKL	LIC DCX	302.5	203.90	36 26 50.0	50.000	137.8	52.3	40.55	75.24
Selma		CA	121.4	BMLEDD20050518AAE	119 37 10.0	150	219	Educational Media Foundati		
203B1	KCSN	LIC DCX	211.4	150.36	34 19 10.0	0.370	89.4	31.0	41.74	54.98
Northridge		CA	30.9	BLEDD20020905AAM	118 33 15.0	501	943	California State Universit		
204B1	KYLU	LIC DCX	268.3	80.91	35 27 10.0	0.140	23.2	13.9	44.89	47.77
Tehachapi		CA	87.8	BLEDD20060809ACX	118 35 25.0	1126	2348	Educational Media Foundati		
203B	KWTW	LIC DCX	348.7	219.19	37 24 48.0	0.900	120.0	48.7	59.23	64.88
Bishop		CA	168.4	BLEDD20020128AAA	118 11 08.0	889	3299	Living Proof, Inc.		
205A	KT LW	LIC CN	210.9	81.02	34 51 03.0	5.800	2.1	20.5	59.71	60.12
Lancaster		CA	30.7	BLEDD19970715KA	118 09 22.0	83	831	Life On The Way Communicat		
206A	KODV	LIC CX	133.0	82.24	34 58 17.0	0.260	1.1	21.3	66.27	60.55
Barstow		CA	313.4	BLEDD20051227AAH	117 02 22.0	221	1026	Ondas De Vida Network, Inc		
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Terrain database is NGDC 30 SEC										
ERP and HAAT on direct-line with reference station.										
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.										

\*\* - This filing amends an application that was filed contingent with an application for KYLU, Tehachapi, CA according to 47 C.F.R. 73.3517(e).

Exhibit 16-A

FMCommander Single Allocation Study  
04-25-2007

KZLU.P CH 203 B1  
1.0 kW 1360 M COR DA  
Prot. = 60 dBu  
Intef. = 40 dBu

KHMS CH 203 A BLED19961016KA  
0.2 kW, 1374 M COR  
Prot. = 60 dBu  
Intef. = 40 dBu

Scale = 1:2,000,000

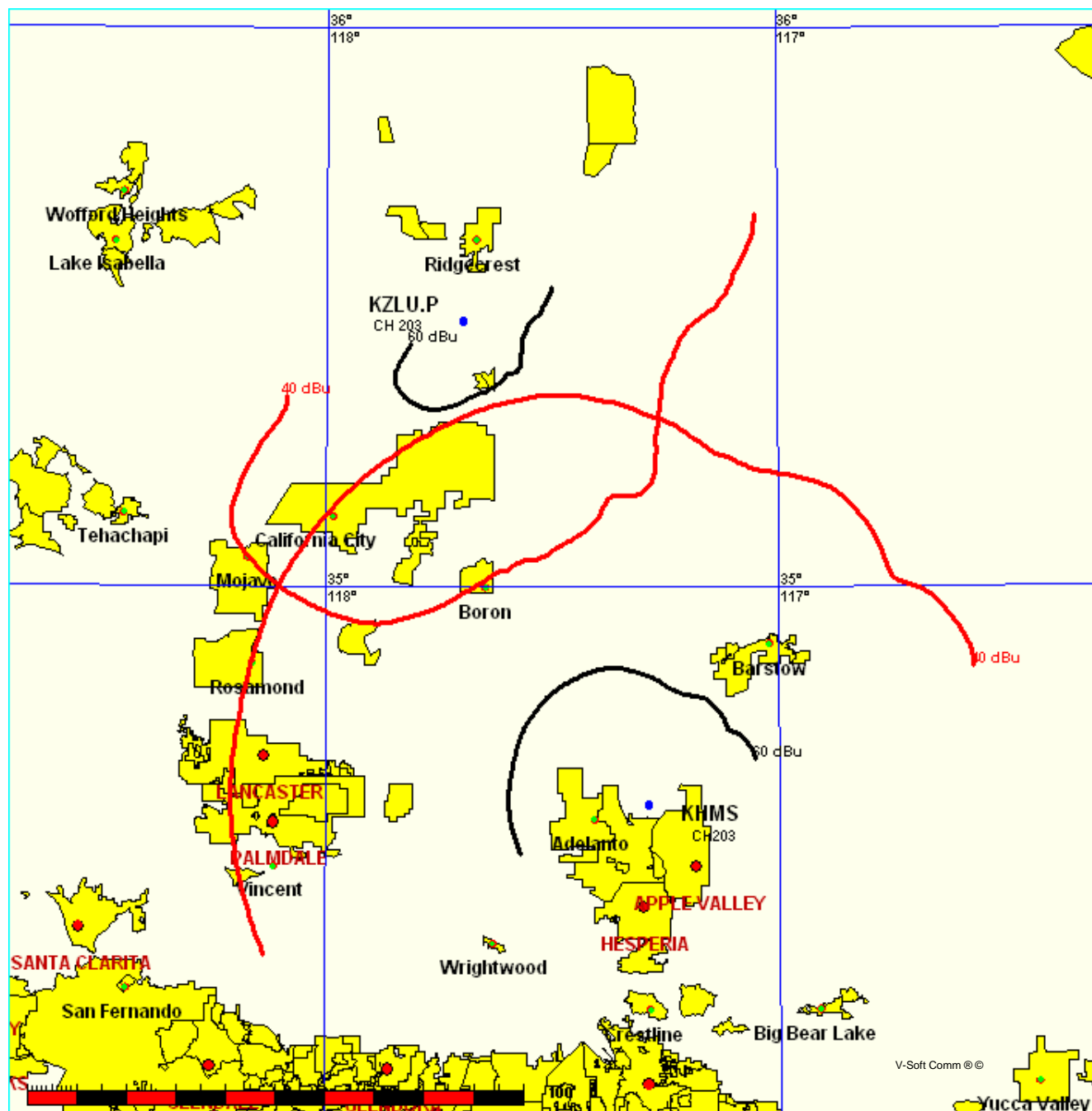


Exhibit 16-B

FMCommander Single Allocation Study  
04-25-2007

KZLU.P CH 203 B1  
1.0 kW 1360 M COR DA  
Prot. = 60 dBu  
Intef. = 54 dBu

KYLU-A CH 204 B BPED20061106AAJ  
0.39 kW, 2348 M COR DA  
Prot. = 60 dBu  
Intef. = 54 dBu

Scale = 1:2,000,000

