

Educational Media Foundation

5700 West Oaks Boulevard ♦ Rocklin ♦ California ♦ 95765

Exhibit 34

Rosepine, LA

Channel Study

REFERENCE		CH# 281A - 104.1 MHz, Pwr= 2.7 kW, HAAT= 112.3 M, COR= 180 M								DISPLAY DATES	
31 00 17.0 N.		Average Protected F(50-50)= 25.0 km								DATA	09-17-15
93 16 40.0 W.		73.215 Omni-directional								SEARCH	09-17-15
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)
281A	KLCJ	CP	ZCX	170.5	112.57	30 00 11.0	6.000	74.3	23.4	12.6	11.3
Oak Grove			LA	350.6	BPH20141120AGN	93 05 05.0	94	95	Delta Media Corporation		
280A	KTHP^	LIC	CX	311.1	71.00	31 25 24.0	6.000	45.0	29.2	0.2	2.7
Hemphill			TX	130.8	BLH20020301AEK	93 50 30.0	100	180	Baldrige-dumas Communicat		
282C3	KEZP^	LIC	CX	83.8	88.14	31 05 14.0	25.000	57.4	36.6	6.8	15.5
Bunkie			LA	264.3	BLH20060119ADJ	92 21 34.0	100	120	Mapleton License Of Alexan		
281C0	KJLO-FM«	LIC	CY	31.1	215.36	32 39 36.0	100.000	173.6	73.5	215.0R	0.36M
Monroe			LA	211.7	BLH19880812KE	92 05 15.0	310	333	Holladay Broadcasting Of L		
228C3	KJAE«	LIC	C	353.6	15.21	31 08 28.0	7.500	0.0	0.0	12.0R	3.2M
Leesville			LA	173.6	BLH20000222ABK	93 17 44.0	100	184	Pene Broadcasting Company,		
281A	KLCJ«	LIC	HX	173.3	132.77	29 48 55.0	0.350	25.9	7.7	115.0R	17.8M
Oak Grove			LA	353.3	BLH20121126ASY	93 06 56.0	12	12	Delta Media Corporation		
278C2	KLAA-FM«	LIC	CN	60.2	95.46	31 25 39.0	50.000	6.1	53.1	55.0R	40.5M
Tioga			LA	240.7	BMLH19971023KB	92 24 18.0	145	184	Mapleton License Of Alexan		
281C	KRBE«	LIC	C	234.0	266.83	29 34 34.0	100.000	197.2	91.5	226.0R	40.8M
Houston			TX	52.9	BMLH20060309ABO	95 30 36.0	585	605	Radio License Holding Src		
283C1	KKMY«	LIC	CX	215.9	116.09	30 09 20.0	100.000	8.8	66.2	75.0R	41.1M
Orange			TX	35.5	BLH20110118ABP	93 59 10.0	233	236	Capstar Tx Llc		
281C	KVDU«	LIC	CN	114.9	271.52	29 57 13.0	100.000	197.3	91.6	226.0R	45.5M
Houma			LA	296.2	BLH19880224KB	90 43 25.0	593	594	Clear Channel Broadcasting		

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.

< = Contour Overlap

^ = Power and antenna height 'Max classed' as per Sec 73.215 protection requirements

Exhibit 34-A

FMCommander Single Allocation Study - 09-23-2015 - FCC NGDC 30 Sec
Rosepine.'s Overlaps (In= 12.56 km, Out= 11.32 km)

Rosepine. CH 281 A 73.215 N
Lat= 31 00 17.0, Lng= 93 16 40.0
2.7 kW 112.3 M HAAT, 180 M COR
Prot.= 60 dBu, Intef.= 40 dBu

KLCJ-C CH 281 A 73.215 Z BPH20141120AGN
Lat= 30 00 11.0, Lng= 93 05 05.0
6.0 kW 94 M HAAT, 95.1 M COR
Prot.= 60 dBu, Intef.= 40 dBu

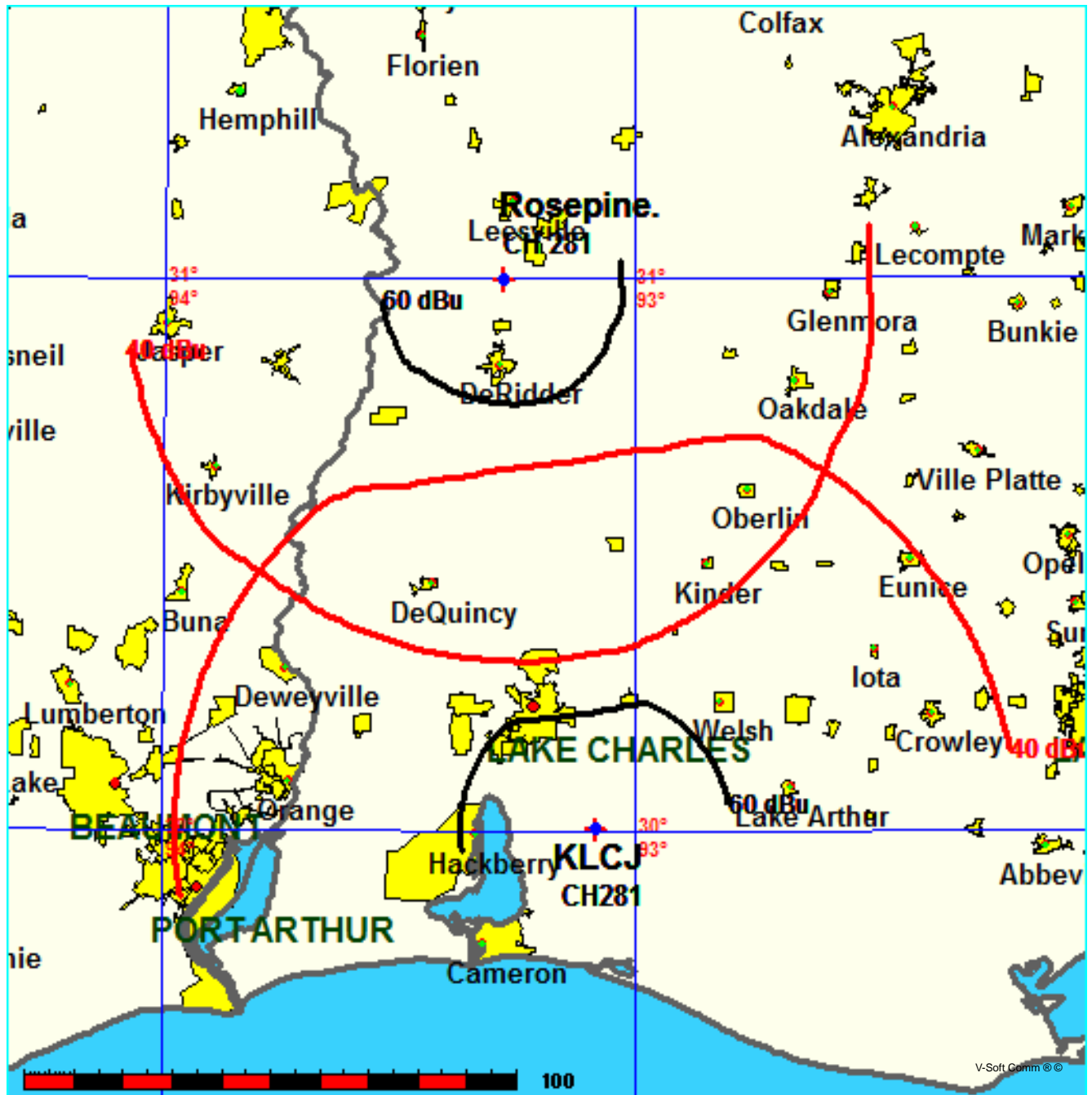
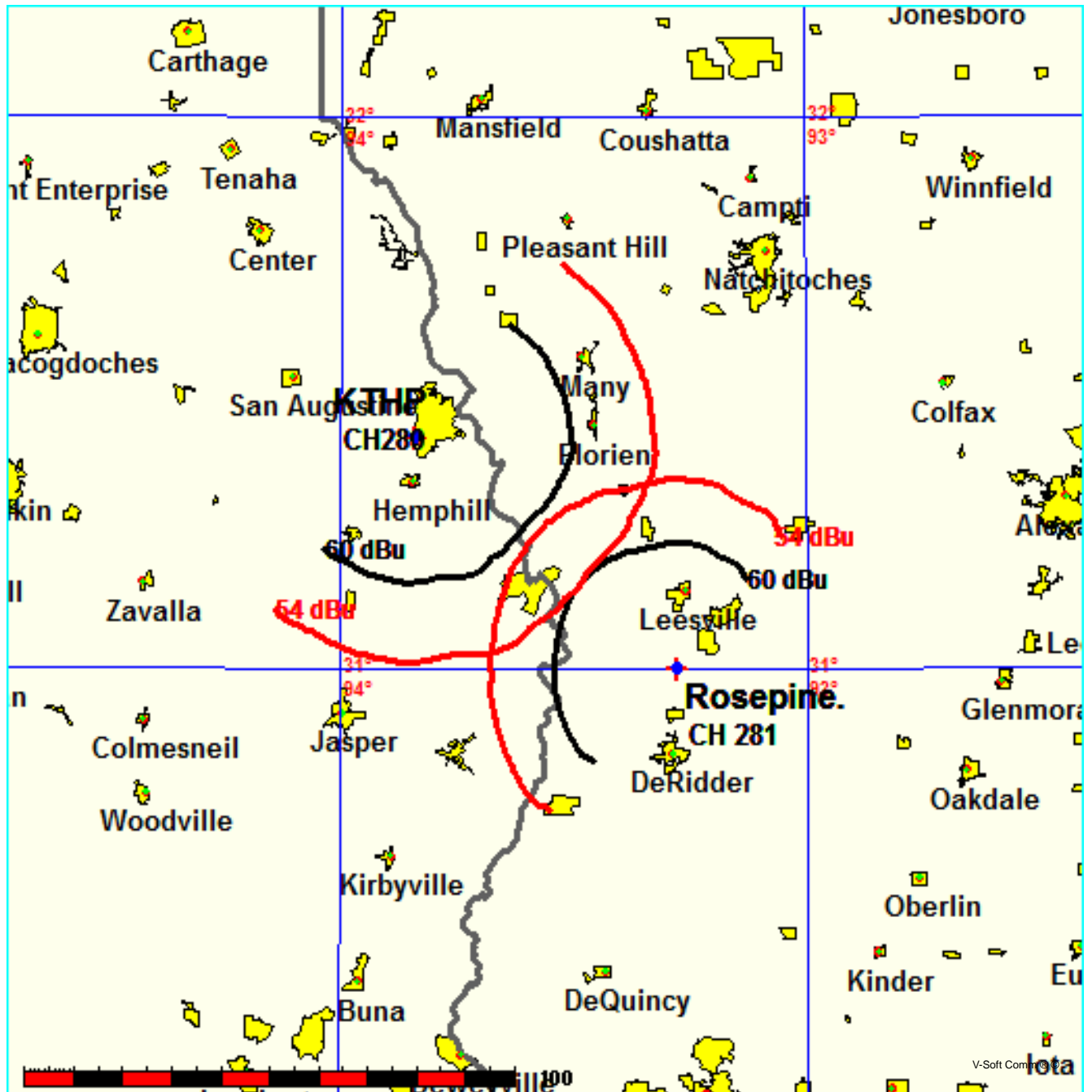


Exhibit 34-B

FMCommander Single Allocation Study - 09-23-2015 - FCC NGDC 30 Sec
Rosepine.'s Overlaps (In= 0.19 km, Out= 2.7 km)

Rosepine. CH 281 A 73.215 N
Lat= 31 00 17.0, Lng= 93 16 40.0
2.7 kW 112.3 M HAAT, 180 M COR
Prot.= 60 dBu, Intef.= 54 dBu

KTHP^ CH 280 A BLH20020301AEK
Lat= 31 25 24.0, Lng= 93 50 30.0
Max CIs: 6.0 kW 100 M HAAT, 180 M COR
Prot.= 60 dBu, Intef.= 54 dBu



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Exhibit 34-B1

Rosepine, LA

KTHP vs. Rosepine.P

09-23-2015

Terrain Data: FCC NGDC 30 Sec

FMOver Analysis

Rosepine.
(^ Max Class Parameters)
Channel = 281A
Max ERP = 2.7 kW
RCAMSL = 180 M
N. Lat. 31 00 17.0
W. Lng. 93 16 40.0
Protected
60 dBu

KTHP BLH20020301AEK

Channel = 280A
Max ERP = 6 kW
RCAMSL = 180 M
N. Lat. 31 25 24.0
W. Lng. 93 50 30.0
Interfering
54 dBu

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)	IX (km)
289.0	002.7000	0116.2	025.3	142.2	006.0000	0109.5	048.4	52.87	
290.0	002.7000	0116.6	025.4	141.7	006.0000	0109.6	048.2	52.98	
291.0	002.7000	0116.8	025.4	141.3	006.0000	0109.7	047.9	53.08	
292.0	002.7000	0117.0	025.4	140.8	006.0000	0109.7	047.7	53.17	
293.0	002.7000	0117.2	025.4	140.4	006.0000	0109.5	047.5	53.25	
294.0	002.7000	0117.5	025.4	139.9	006.0000	0109.3	047.2	53.32	
295.0	002.7000	0117.8	025.5	139.4	006.0000	0109.0	047.0	53.38	
296.0	002.7000	0118.1	025.5	139.0	006.0000	0108.6	046.8	53.43	
297.0	002.7000	0118.5	025.5	138.5	006.0000	0108.0	046.6	53.46	
298.0	002.7000	0119.0	025.6	138.0	006.0000	0107.3	046.4	53.49	
299.0	002.7000	0119.8	025.6	137.5	006.0000	0106.6	046.2	53.53	
300.0	002.7000	0120.6	025.7	137.0	006.0000	0106.0	046.0	53.57	
301.0	002.7000	0121.3	025.8	136.5	006.0000	0105.7	045.8	53.61	
302.0	002.7000	0121.7	025.8	135.9	006.0000	0105.6	045.7	53.66	
303.0	002.7000	0121.7	025.8	135.4	006.0000	0105.8	045.6	53.72	
304.0	002.7000	0121.4	025.8	134.8	006.0000	0106.2	045.5	53.77	
305.0	002.7000	0121.0	025.8	134.3	006.0000	0106.7	045.5	53.83	
306.0	002.7000	0121.0	025.8	133.7	006.0000	0107.1	045.4	53.88	
307.0	002.7000	0121.2	025.8	133.1	006.0000	0107.4	045.3	53.93	
308.0	002.7000	0121.5	025.8	132.6	006.0000	0107.5	045.3	53.97	
309.0	002.7000	0121.6	025.8	132.0	006.0000	0107.4	045.2	53.98	
310.0	002.7000	0121.5	025.8	131.4	006.0000	0107.1	045.2	53.96	
311.0	002.7000	0121.4	025.8	130.9	006.0000	0106.7	045.2	53.93	
312.0	002.7000	0121.4	025.8	130.3	006.0000	0106.2	045.2	53.89	
313.0	002.7000	0121.5	025.8	129.7	006.0000	0105.7	045.2	53.85	
314.0	002.7000	0121.9	025.8	129.2	006.0000	0105.3	045.2	53.82	
315.0	002.7000	0122.6	025.9	128.6	006.0000	0105.1	045.2	53.80	
316.0	002.7000	0123.0	025.9	128.0	006.0000	0105.0	045.2	53.79	
317.0	002.7000	0122.7	025.9	127.4	006.0000	0105.0	045.3	53.76	
318.0	002.7000	0122.0	025.8	126.9	006.0000	0105.2	045.5	53.72	
319.0	002.7000	0121.3	025.8	126.4	006.0000	0105.5	045.6	53.68	
320.0	002.7000	0120.9	025.8	125.8	006.0000	0105.9	045.8	53.65	
321.0	002.7000	0120.8	025.7	125.3	006.0000	0106.3	045.9	53.64	
322.0	002.7000	0120.8	025.7	124.7	006.0000	0106.8	046.0	53.62	
323.0	002.7000	0120.7	025.7	124.2	006.0000	0107.2	046.2	53.59	
324.0	002.7000	0120.5	025.7	123.7	006.0000	0107.7	046.3	53.56	
325.0	002.7000	0120.1	025.7	123.2	006.0000	0108.0	046.5	53.51	
326.0	002.7000	0119.5	025.6	122.7	006.0000	0108.4	046.7	53.45	
327.0	002.7000	0118.8	025.6	122.2	006.0000	0108.7	047.0	53.38	
328.0	002.7000	0117.9	025.5	121.8	006.0000	0109.0	047.2	53.29	
329.0	002.7000	0116.7	025.4	121.4	006.0000	0109.4	047.5	53.21	
330.0	002.7000	0115.6	025.3	121.0	006.0000	0109.8	047.8	53.12	
331.0	002.7000	0115.0	025.2	120.5	006.0000	0110.4	048.1	53.06	

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Exhibit 34-B1

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Rosepine, LA

332.0	002.7000	0115.2	025.2	120.1	006.0000	0111.2	048.3	53.03
333.0	002.7000	0115.6	025.3	119.6	006.0000	0112.0	048.5	53.01
334.0	002.7000	0115.8	025.3	119.2	006.0000	0112.9	048.8	52.97
335.0	002.7000	0115.7	025.3	118.7	006.0000	0113.6	049.0	52.91
336.0	002.7000	0115.4	025.3	118.3	006.0000	0114.3	049.3	52.84
337.0	002.7000	0114.8	025.2	118.0	006.0000	0114.9	049.6	52.76
338.0	002.7000	0113.7	025.1	117.7	006.0000	0115.3	050.0	52.64
339.0	002.7000	0112.7	025.0	117.4	006.0000	0115.7	050.3	52.53
340.0	002.7000	0111.7	024.9	117.1	006.0000	0116.1	050.7	52.41

Exhibit 34-C

FMCommander Single Allocation Study - 09-23-2015 - FCC NGDC 30 Sec
Rosepine.'s Overlaps (In= 6.81 km, Out= 15.49 km)

Rosepine. CH 281 A 73.215 N
Lat= 31 00 17.0, Lng= 93 16 40.0
2.7 kW 112.3 M HAAT, 180 M COR
Prot.= 60 dBu, Intef.= 54 dBu

KEZP^ CH 282 C3 BLH20060119ADJ
Lat= 31 05 14.0, Lng= 92 21 34.0
Max Cls: 25.0 kW 100 M HAAT, 120 M COR
Prot.= 60 dBu, Intef.= 54 dBu

