

Exhibit E-16

This exhibit contains the contour based allocation study for the proposed KAYH facility. Included in this exhibit is a tabulation of facilities considered as well as three computer generated contour maps illustrating the contour situation for the proposed facility. Both the facility tabulation and the contour maps were created utilizing commercially available software packages. In the creation of these exhibits, a 30 second linearly interpolated terrain database was utilized. As these exhibits demonstrate, the proposed facility would not have prohibited contour overlap with any proposed or existing facility.

It should also be noted that the proposed facility would comply with the spacing provisions of Section 73.207 of the Commission's Rules relative to those facilities separated from the proposed facility by 53 or 54 channels.

D. L. Markley & Associates, Inc.
Consulting Engineers

Exhibit E-16 - Contour Allocation Study

KAYH - Fayetteville, Arkansas

CH# 207C2 - 89.3 MHz, Pwr= 39 kW, HAAT= 116.8 M, COR= 507 M
Average Protected F(50-50)= 45.33 km

DISPLAY DATES
DATA 11-16-07
SEARCH 11-20-07

REFERENCE
36 10 48.0 N.
94 05 10.0 W.

CH CITY	CALL	TYPE STATE	ANT STATE	AZI <--	DIST FILE #	LAT LNG	PWR(kW) HAAT(M)	INT(km) COR(M)	PRO(km) LICENSEE	*IN* (Overlap in km)	*OUT*
207C3 KAYH Fayetteville		APP AR	DVX	0.0 0.0	0.00 BPED20070907AEV	36 10 48.0 94 05 10.0	40.000 117	100.2 507	35.1 Family Vision Ministries,	-135.01*	-134.64*
207C3 KAYH Fayetteville		LIC AR	_C_	0.0 0.0	0.00 BLED20000713ABF	36 10 48.0 94 05 10.0	6.000 116	88.5 507	29.7 Family Vision Ministries,	-123.29*	-129.30*
06+2C KOTV Tulsa		LI OK	_CN	263.4 82.5	144.22 BLCT19841031KI	36 01 15.0 95 40 32.0	100.000 573	769	127.9 Gri ffin Tulsa I Licensi ng,	159.7R	-15.5M
204C3 KGSF Green Forest		CP AR	DVX	56.4 236.6	36.37 BMPED20070430AEP	36 21 38.0 93 44 54.0	3.550 182	2.9 571	33.0 Calvary Chapel Of Twin Fal	1.12	0.32
208C1 KWGS Tulsa		LIC OK	_CN	263.4 82.5	144.22 BLED19860707KG	36 01 15.0 95 40 32.0	50.000 325	100.3 519	68.8 The University Of Tulsa	1.39	9.42
208C3 AP8107 Sarcoxi e		APP MO	_CX	9.2 189.3	97.18 BNPED19991214AAD	37 02 39.0 93 54 37.0	16.000 109	51.3 491	32.5 Csn International	12.81	14.24
206C KWFC Springfi eld		LIC MO	DCY	41.6 222.3	152.64 BLED19980501KA	37 12 06.0 92 56 33.0	100.000 342	109.1 782	74.9 Baptist Bible College, Inc	12.95	30.74
205A KWXC Grove		CP OK	DVN	313.4 133.1	67.41 BPED19980225ME	36 35 42.0 94 38 05.0	6.000 81	1.9 360	18.5 Grove Broadcasting Inc.	21.51	44.11
06-2E KEMV Mountain View		LI AR	_HN	103.6 284.7	166.99 BLET19800903KE	35 48 47.0 92 17 24.0	100.000 424	753	110.1 Arkansas Educational Telev	144.8R	22.2M
208C2 AP3282 Sarcoxi e		APP MO	DCX	8.2 188.3	100.49 BNPED20071019ANT	37 04 34.0 93 55 27.0	31.000 100	43.2 474	27.5 Calvary Chapel Of Joplin	24.25	22.46
206C1 KWRI Bartlesville		LIC OK	DVX	294.9 114.1	140.74 BLED20041021AEQ	36 42 13.0 95 30 57.0	100.000 191	52.4 410	35.2 Educational Media Foundati	41.30	34.24
208C1 KBMJ Heber Springs		LIC AR	DVX	106.3 287.4	172.01 BLED20050715AAG	35 44 00.0 92 15 37.0	70.000 224	91.4 540	61.9 American Family Associatio	34.48	40.27
205A KAOW Fort Smith		LIC AR	_C_	197.2 17.1	85.12 BLED20000901AIG	35 26 50.0 94 21 54.0	1.387 147	1.6 307	17.3 American Family Associatio	40.14	63.18
209C2 KOZO Branson		LIC MO	_EN	61.1 241.6	86.12 BLED19980529KB	36 33 04.0 93 14 36.0	20.000 130	4.2 450	40.1 Creati ve Educational Medi a	50.54	43.07
210A AP1572 Marble City		APP OK	DCX	220.2 39.8	104.82 BNPED20071018ASQ	35 27 28.0 94 50 02.0	3.700 48	1.6 223	10.9 Cherokee Nation	57.14	88.83
261C2 KOMC-FM Kimberling City		LIC MO	_CN	59.7 240.2	78.46 BLH19990510KC	36 31 58.0 93 19 43.0	36.000 176	9.1 508	43.8 Komc-krzk, Lic	19.5R	59.0M
206C1 KUAR Little Rock		LIC AR	_EN	136.3 317.2	210.95 BLED19910502KA	34 47 50.0 92 29 26.0	100.000 269	103.8 394	71.4 Board Of Trustees Of The U	60.43	68.69
210C KRPS Pittsburg		LIC KS	_CN	332.9 152.5	141.55 BLED19880518KC	37 18 44.0 94 48 58.0	100.000 305	10.2 579	72.7 Pittsburg State University	90.78	64.58
209C1 KBHN Booneville		LIC AR	_C_	178.9 358.9	115.38 BLED20050411ABM	35 08 25.0 94 03 43.0	59.000 92	5.0 285	45.4 Vision Ministries, Inc.	66.31	65.22
204C3 KXMS Joplin		LIC MO	_VN	341.9 161.7	107.42 BLED19880427KB	37 05 57.0 94 27 46.0	10.000 56	2.0 359	19.8 Board Of Governors -- Miss	66.38	83.59
207A KLRB Stuart		LIC OK	_VX	233.4 52.2	232.87 BLED20021010AAW	34 54 57.0 96 08 10.0	3.000 83	65.9 336	18.4 Lighthouse Of Prayer, Inc.	120.49	85.78
204C2 AP0403 Russel l v i l l e		APP AR	DEX	125.1 305.8	131.45 BNPED20071015AHM	35 29 40.7 92 53 57.8	5.400 380	0.9 671	22.5 Way-fm Media Group, Inc	86.98	104.26
204C2 KWTU Tulsa		LIC OK	_CX	263.4 82.5	144.22 BLED20051212AAO	36 01 15.0 95 40 32.0	5.000 325	4.0 519	46.7 The University Of Tulsa	97.66	92.97
260C KTCS-FM Fort Smith		LIC AR	_CN	203.7 23.4	134.19 BLH19871231KC	35 04 20.0 94 40 50.0	100.000 585	9.1 719	43.8 Big Chief Broadcasting Com	34.5R	99.7M
208C2 AP5588 Le Roy		APP KS	DCX	336.0 155.3	233.69 BNPED20071022BJA	38 05 48.0 95 10 31.0	74.500 85	68.9 416	44.4 Joshua Springs Calvary Cha	125.25	127.54

CH CITY	CALL	TYPE STATE	ANT STATE	AZI <--	DI ST FI LE #	LAT LNG	PWR(KW) HAAT(M)	INT(km) COR(M)	PRO(km) LICENSEE	Page # 2		
										IN	*OUT*	(Overl ap in km)
207C3 Paris	KHCP	LIC _C_	TX	206.0 25.2	289.78 BLED20010117AAR	33 49 36.0 95 27 49.0	21.000 108	111.4 245	39.4 Houston	135.60 Christian	125.65 Broadcas	
204C1 Vilonia	AP3741	APP DEX	AR	109.6 290.7	177.82 BNPED20071018AQI	35 37 47.0 92 14 10.0	100.000 211	2.9 461	33.5 Calvary	127.08 Chapel Of	139.02 Jacksonv	
204A Mena	AP9170	APP _CX	AR	184.0 3.9	176.67 BNPED20071017ADI	34 35 29.0 94 13 11.0	0.500 19	1.6 392	8.5 Rich	132.78 Mountain	163.64 Community Co	
205C2 Calico Rock	AP2771	APP _VX	AR	91.3 272.5	176.31 BNPED20071019AQS	36 07 36.5 92 07 40.8	3.200 215	3.0 390	34.5 Calico Rock	133.80 Mennonite Fell	137.77	
207C2 Texarkana	KKLT	LIC _EX	AR	176.1 356.2	309.83 BLED20060901ACO	33 23 36.0 93 51 34.0	23.000 154	121.9 237	46.7 Educational	143.68 Media Foundati	136.78	
205C2 Mountain View	AP1445	APP _CX	AR	100.2 281.5	189.88 BNPED20071019AHA	35 51 34.0 92 01 01.0	3.800 273	3.5 499	42.1 Christian Broadcasting	141.37 Gro	142.91	
204C2 Mountain View	AP9177	APP _CX	AR	100.2 281.5	189.88 BNPED20071019AHA	35 51 34.0 92 01 01.0	3.800 273	3.5 499	42.1 Christian Broadcasting	141.37 Gro	142.91	
204C2 Mountain View	AP9145	APP _CX	AR	100.2 281.5	189.88 BNPED20071019AHA	35 51 34.0 92 01 01.0	3.800 273	3.5 499	42.1 Christian Broadcasting	141.37 Gro	142.91	
204A Joplin	AP6004	APP _VX	AR	161.3 341.7	187.79 BNPED20071022BSK	34 34 31.3 93 25 41.8	1.600 9	1.6 216	11.4 Kmd	142.91 Radio, Inc	171.75	
205C1 Prescott	AP5540	APP DCX	KS	352.3 172.1	187.05 BNPED20071022BHW	37 50 59.0 94 22 22.0	47.000 159	3.8 406	38.8 1 A Chord, Inc	147.41	144.66	
204C3 Hot Springs	AP7417	APP _VX	AR	159.1 339.6	195.92 BNPED20071012ADD	34 31 42.0 93 19 24.0	18.000 86	3.7 285	36.2 Victor Broadcasting, Inc.	148.83	155.09	
207A Langston	KALU	LIC _C_	OK	265.7 83.8	287.06 BLED19951003KA	35 56 36.0 97 15 32.0	0.150 61	38.7 364	11.3 Langston	205.67 Univer si ty	151.07	
207A Osage Beach	AP3209	APP DVX	MO	26.5 207.3	251.65 BNPED20071017AGS	38 12 04.0 92 48 04.0	0.500 142	25.1 376	7.5 Full Smile, Inc.	194.40	152.46	
204C1 Hot Springs	AP3700	APP _CX	AR	155.8 336.3	215.74 BNPED20071019ACL	34 24 14.0 93 07 14.0	20.000 259	6.3 430	56.8 Maranatha Broadcasting	163.97 Mi n	154.01	
260C3 Buffalo	KBFL-FM	LIC NC_	MO	30.1 210.7	172.64 BLH19981214KA	37 31 14.0 93 06 14.0	3.100 145	9.1 502	43.8 Meyer-bal dridge, Inc.	16.5R	156.1M	
207A Olpe	AP9552	APP DCX	KS	319.6 138.2	308.21 BNPED20071019AJR	38 16 09.0 96 22 27.0	0.875 134	73.0 573	24.6 Cathol ic Radi o Network, In	191.93	158.32	
204C2 Lake Hamilton	AP9273	APP _CX	AR	155.8 336.3	215.74 BNPED20071019ATE	34 24 14.0 93 07 14.0	5.000 321	4.0 488	47.6 Houston	166.27 Christian Broadcas	163.19	
210C3 Cabool	KFFW	LIC _CX	MO	60.2 241.4	208.13 BLED20030826AHX	37 05 32.0 92 03 10.0	10.500 151	4.2 546	41.9 Lake Area Educational Broa	172.90	163.27	
207A Dixon	AP8353	APP _VX	MO	40.5 221.7	267.92 BNPED20071012AFL	37 59 42.0 92 05 57.0	0.220 95	42.9 387	12.5 Missouri River	194.60 Christian B	166.09	
206A Seminole	KXTH	LIC _VX	OK	246.7 65.1	263.04 BLED20031027AAO	35 12 53.0 96 44 26.0	2.300 118	38.5 407	25.5 The Love Station, Inc.	179.09	168.21	
209A Preston	AP1004	APP _VX	MO	20.5 201.0	207.55 BNPED20071016ADS	37 55 42.0 93 15 26.7	6.000 94	2.7 383	27.9 Serendi pi ty Educational Br	171.70	176.53	
261C2 Bartlesville	KYFM	LIC _C_	OK	285.4 104.2	195.22 BLH20010807AAB	36 37 42.0 96 11 26.0	25.000 212	9.1 477	43.8 Kcd Enterprises, Inc.	19.5R	175.7M	
210A Cabot	AP8319	APP _VX	AR	123.2 304.4	230.09 BNPED20071012ADH	35 01 49.7 91 58 21.5	50.000 64	3.6 148	35.2 Appal achi an	182.24 Performing Art	190.13	
210C2 Stuart	KLRB	CP NVX	OK	233.4 52.2	232.87 BPED20070511AER	34 54 57.0 96 08 10.0	31.200 94	3.5 345	33.9 Lighthouse Of Prayer, Inc.	182.90	193.82	
210A Cave City	KVMN	LIC _CN	AR	95.6 277.1	229.93 BLED19801205AA	35 57 07.0 91 32 58.0	3.300 107	2.2 271	22.7 Cave City Public Schools	185.54	202.74	
210A Austin	AP5114	APP _CX	AR	124.1 305.3	231.19 BNPED20071022AMD	34 59 49.4 91 59 10.0	5.000 6	1.6 102	15.0 Hispanic Family	186.08 Christian	211.50	
207A St. James	AP5583	APP DCX	MO	49.7 231.3	304.32 BNPED20071022BIV	37 55 17.0 91 26 36.0	0.940 200	72.3 484	24.3 Basalt Of The Earth, Inc.	199.82	188.52	
260C2 Searcy	KWCK-FM	LIC _CN	AR	112.3 293.5	209.66 BLH19900914KC	35 26 50.0 91 56 52.0	50.000 150	9.1 315	43.8 Crain Media Group, LIC	19.5R	190.2M	

CH CITY	CALL	TYPE STATE	ANT STATE	AZI <--	DI ST FI LE #	LAT LNG	PWR(kW) HAAT(M)	I NT(km) COR(M)	PRO(km) LI CENSEE	Page # 3 *IN* (Overl ap in km) *OUT*		
206C3 Caddo	AP0674	APP OK	DVX	224.3 43.0	301.00 BNPED20071016AIE	34 13 17.6 96 22 25.0	10.000 119	55.1 320	36.6 Kansas	199.54 Cathol ic Education	193.94	
204A De Queen	KBPU	LI C AR	_CX	184.6 4.5	237.74 BLED20020906AAA	34 02 38.0 94 17 41.0	0.250 37	1.1 175	7.1 Edgewater	194.42 Broadcasting, In	226.14	
206C2 Durant	AP0633	APP OK	DCX	228.7 47.3	302.39 BNPED20071018AUN	34 21 34.0 96 33 34.0	12.600 236	53.0 481	35.4 Cameron	202.46 Universi ty	195.78	
209A Rattan	AP5563	APP OK	DCX	203.6 23.0	241.22 BNPED20071022BII	34 11 06.0 95 08 21.0	2.200 146	0.7 323	11.3 1 A Chord, Inc	199.17	225.48	
205C2 Wal nut Ri dge	AP3368	APP AR	DVX	94.5 276.1	248.78 BNPED20071018ACN	35 58 31.0 91 20 09.0	40.000 107	3.8 211	37.0 Communi ty	203.22 Broadcasting, In	207.38	
208C3 Ada	KTGS	LI C OK	DCX	236.3 54.8	294.31 BLED20070228ABU	34 41 01.0 96 45 44.0	5.800 177	30.8 512	20.8 South Central	217.90 Oklahoma Chr	203.96	
208C3 Camden	KCAC	CP AR	DCX	155.0 335.8	308.38 BPED20060329AHE	33 39 16.0 92 40 34.0	10.000 99	49.8 145	32.1 Southern	213.13 Arkansas Uni versi	206.91	
205C2 Freeman	AP2245	APP MO	DEX	350.4 170.1	253.30 BNPED20071018ALC	38 25 45.0 94 34 19.0	13.522 142	4.3 427	42.3 Hori zon	212.93 Christ ian Fellowsh	207.33	
204C2 Searcy	AP4944	APP AR	DEX	112.4 294.0	269.60 BNPED20071019BDG	35 13 39.0 91 20 44.0	40.000 91	4.3 148	40.8 Educational	217.47 Media Foundati	223.52	

Terrain database is USGS 03 SEC Distance + R = FCC Required Spacings in KM, Distance + M = Margin in KM
ERP and HAAT are on direct line to and from 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.

KAYH.PRO

BPED20070907AEV

Latitude: 36-10-48 N

Longitude: 094-05-10 W

ERP: 39.00 kW

Channel: 207

Frequency: 89.3 MHz

AMSL Height: 507.0 m

Horiz. Pattern: Directional

Vert. Pattern: No

Prop Model: FCC Method

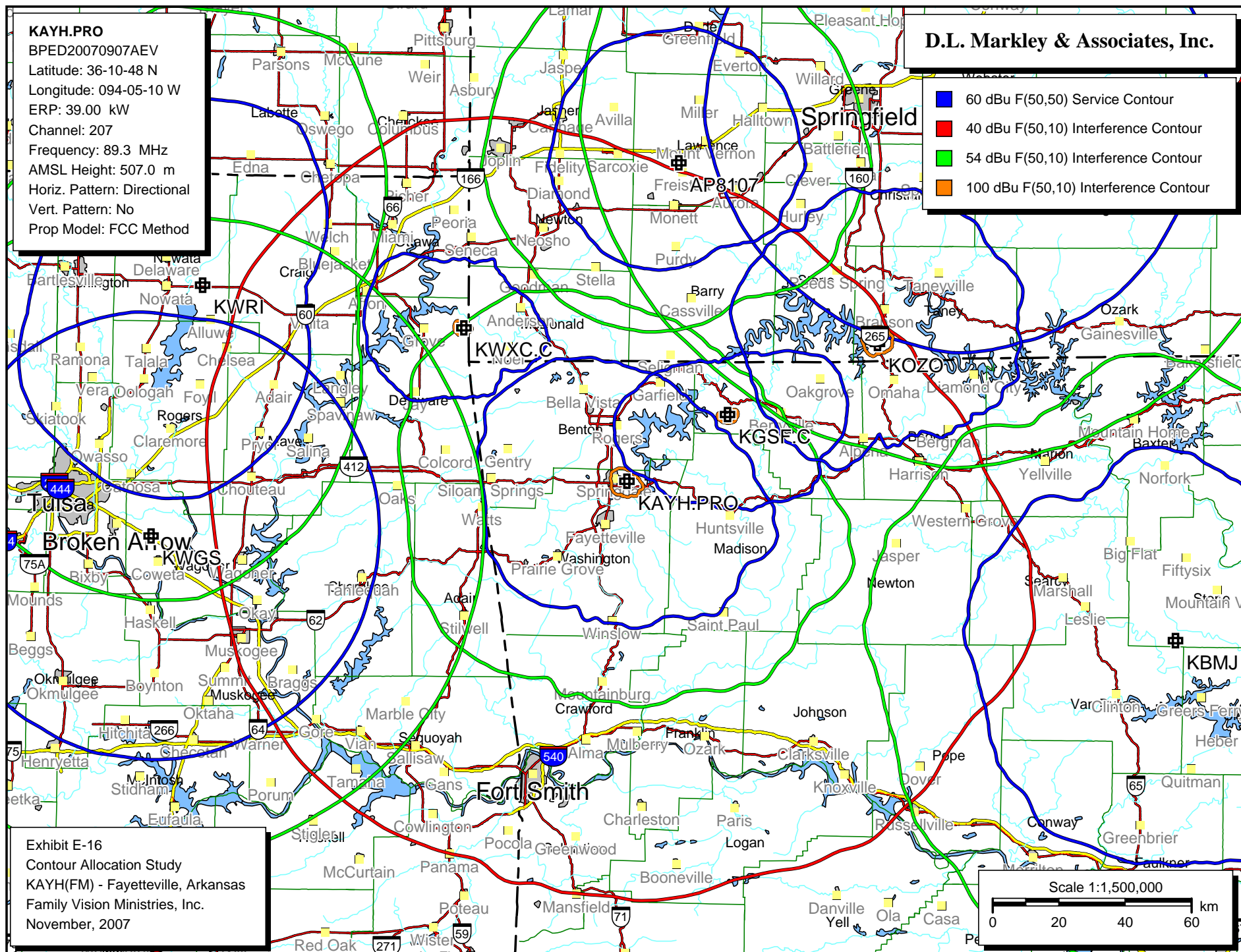
D.L. Markley & Associates, Inc.

60 dBu F(50,50) Service Contour

40 dBu F(50,10) Interference Contour

54 dBu F(50,10) Interference Contour

100 dBu F(50,10) Interference Contour



KAYH.PRO

BPED20070907AEV
Latitude: 36-10-48 N
Longitude: 094-05-10 W
ERP: 39.00 kW
Channel: 207
Frequency: 89.3 MHz
AMSL Height: 507.0 m
Horiz. Pattern: Directional
Vert. Pattern: No
Prop Model: FCC Method

D.L. Markley & Associates, Inc.

- 60 dBu F(50,50) Service Contour
- 40 dBu F(50,10) Interference Contour
- 54 dBu F(50,10) Interference Contour
- 100 dBu F(50,10) Interference Contour

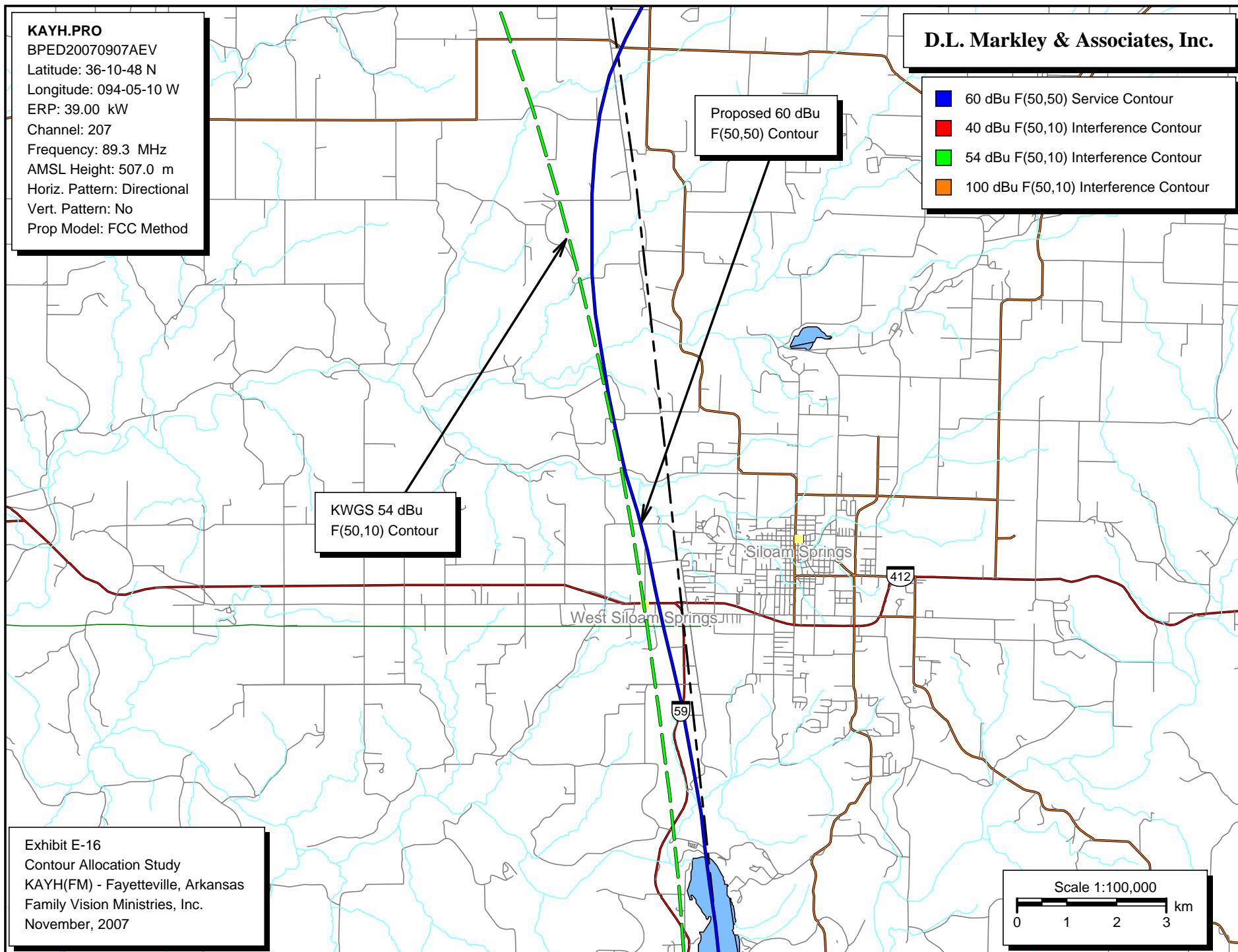
Proposed 60 dBu
F(50,50) Contour

KWGS 54 dBu
F(50,10) Contour

Exhibit E-16
Contour Allocation Study
KAYH(FM) - Fayetteville, Arkansas
Family Vision Ministries, Inc.
November, 2007

Scale 1:100,000

0 1 2 3 km



KAYH.PRO

BPED20070907AEV

Latitude: 36-10-48 N

Longitude: 094-05-10 W

ERP: 39.00 kW

Channel: 207

Frequency: 89.3 MHz

AMSL Height: 507.0 m

Horiz. Pattern: Directional

Vert. Pattern: No

Prop Model: FCC Method

D.L. Markley & Associates, Inc.

60 dBu F(50,50) Service Contour

40 dBu F(50,10) Interference Contour

54 dBu F(50,10) Interference Contour

100 dBu F(50,10) Interference Contour

KGSF 60 dBu
F(50,50) Contour

KGSF.C

KGSF 100 dBu
F(50,10) Contour

Proposed 100 dBu
F(50,10) Contour

Proposed 60 dBu
F(50,50) Contour

KAYH.PRO

Exhibit E-16

Contour Allocation Study

KAYH(FM) - Fayetteville, Arkansas

Family Vision Ministries, Inc.

November, 2007

Scale 1:250,000

0 3 6 9 km