

MINOR CHANGE APPLICATION
AZALEA RADIO CORPORATION
KHCV (FM) RADIO STATION
CH 259A - 99.7 MHz - 0.78 kW - DA
CADDO VALLEY, ARKANSAS
July 2013

EXHIBIT A1

Clearance Study for KHCV Caddo Valley, Arkansas
Using Proposed Site as Reference

REFERENCE		DISPLAY DATES
34 21 09.0 N.	CLASS = A	DATA 07-24-13
93 09 26.0 W.	Current Spacings to 3rd Adj.	SEARCH 07-25-13
----- Channel 259 - 99.7 MHz -----		

Call Lat.	Channel Lng.	Location Ant	Power	Azi HAAT	Dist	FCC	Margin
KHCV	LIC-N 259A	Caddo Valley	AR	132.1	18.83	115.0	-96.2
34 14 19.6	93 00 19.1	NCX	3.000 kW	53 M			
Azalea Radio Corporation BLH20130219ABS							
#@ KSWH-LP	LIC 260L1	Arkadelphia	AR	160.3	26.36	56.0	-29.6
34 07 44.0	93 03 37.0		0.100 kW	30 M			
Henderson State University BLL20040721AAC							
* KMTB	LIC 258C3	Murfreesboro	AR	240.1	75.62	89.0	-13.4
34 00 41.0	93 52 03.0	CX	25.000 kW	80 M			
Arklatex Radio, Inc. BLH20060811AXJ							
# K257FJ	CP 257D	Hot Springs	AR	25.9	20.67	26.0	-5.3
34 31 12.0	93 03 31.0	C	0.099 kW	0 M			
E-string Wireless, Ltd BNPFT20130328ATT							
* KTCS-FM	LIC 260C	Fort Smith	AR	300.3	160.77	165.0	-4.2
35 04 20.0	94 40 50.0	CN	100.000 kW	585 M			
Big Chief Broadcasting Com BLH19871231KC							
KDJE	LIC 262C1	Jacksonville	AR	50.7	78.50	75.0	3.5
34 47 53.0	92 29 33.0	C	85.000 kW	321 M			
Cc Licenses, Llc BMLH20030612ADW							
KDIS-FM	LIC 258A	Little Rock	AR	59.6	91.55	72.0	19.6
34 45 58.0	92 17 38.0	CN	3.000 kW	95 M			
Radio Disney Group, Llc BLH19920831KC							
KMJJ-FM	LIC-N 259C2	Shreveport	LA	195.4	213.81	166.0	47.8
32 29 36.0	93 45 55.0	NCX	23.500 kW	163 M			
Cumulus Licensing Llc BLH20100810AAZ							

# - as secondary service facilities KSWH-LP and K257FJ are not afforded protection							
@ - Channel 251 has been determined to be an alternate frequency for KSWH-LP							
* - KMTB and KTCS-FM are afforded contour protection under the provisions of §73.215							

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EXHIBIT A2

Contour Clearance Study for KHCV Caddo Valley, Arkansas
Using Proposed Site as Reference

REFERENCE CH# 259A - 99.7 MHz, Pwr= 0.98 kW DA, HAAT= 246.6 M, COR= 418.8 M DISPLAY DATES
 34 21 09.0 N. Average Protected F(50-50)= 28.3 km DATA 07-17-13
 93 09 26.0 W. Standard Directional SEARCH 07-17-13

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*
259A Caddo Valley	KHCV	LIC NCX AR		132.1 312.2	18.83 BLH20130219ABS	34 14 19.6 93 00 19.1	3.000 53	53.3 164	13.2 Azalea Radio Corporation	-64.2*	-82.9
258C3 Murfreesboro	KMTB^	LIC CX AR		240.1 59.7	75.53 BLH20060811AXJ	34 00 41.0 93 52 03.0	25.000 100	59.0 247	38.0 Arklatex Radio, Inc.	0.3	13.1
260C Fort Smith	KTCS-FM^	LIC CN AR		300.3 119.5	160.57 BLH19871231KC	35 04 20.0 94 40 50.0	100.000 600	135.4 734	90.9 Big Chief Broadcasting Com	1.7	34.6
262C1 Jacksonville	KDJE«	LIC C AR		50.7 231.0	78.50 BMLH20030612ADW	34 47 53.0 92 29 33.0	85.000 321	9.5 448	69.7 Cc Licenses, Llc	75.0R	3.5M
258A Little Rock	KDIS-FM«	LIC CN AR		59.6 240.1	91.55 BLH19920831KC	34 45 58.0 92 17 38.0	3.000 95	32.5 197	21.9 Radio Disney Group, Llc	72.0R	19.6M
259C2 Shreveport	KMJJ-FM«	LIC NCX LA		195.4 15.1	213.81 BLH20100810AAZ	32 29 36.0 93 45 55.0	23.500 163	123.7 216	48.0 Cumulus Licensing Llc	166.0R	47.8M

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)
 ""affixed to 'IN' or 'OUT' values = site inside protected contour.

« = Station meets FCC minimum distance spacing for its class.

< = Contour Overlap

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

KHCV - Caddo Valley, AR -
Latitude: 34-21-09 N / Longitude: 093-09-26 W
ERP: 0.98 kW / Channel: 259 / Freq: 99.7 MHz
AMSL Height: 418.8 m

KMTB-Max - Murfreesboro, AR - BLH20060811AXJ
Latitude: 34-00-41 N / Longitude: 093-52-03 W
ERP: 25.00 kW / Channel: 258 / Freq: 99.5 MHz
AMSL Height: 247.0 m

KTCS-FM-Max - Fort Smith, AR - BLH19871231KC
Latitude: 35-04-20 N / Longitude: 094-40-50 W
ERP: 100.00 kW / Channel: 260 / Freq: 99.9 MHz
AMSL Height: 733.997 m

EXHIBIT A3
MINOR CHANGE APPLICATION
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CH 259A - 99.7 MHz - 0.98 kW - DA
CADDO VALLEY, ARKANSAS
July 2013

■ 60 dBu - FCC 50/50
■ 54 dBu - FCC 50/10

Scale 1:1,000,000
0 10 20 30 km

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CH 259A - 99.7 MHz - 0.78 kW - DA
CADDO VALLEY, ARKANSAS
July 2013

EXHIBIT A4

KHCV - Proposed
Channel = 259A
Max ERP = 0.98 kW
RCAMSL = 418.8 M
N. Lat. 34 21 09.0
W. Lng. 93 09 26.0

KMTB - BLH-20060811AXJ
Channel = 258C3
Max ERP = 25 kW
RCAMSL = 247 M
N. Lat. 34 00 41.0
W. Lng. 93 52 03.0

Protected
60 dBu

Interfering
54 dBu

FCC NGDC 30 Second Terrain Database

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
180.0	000.5323	0270.4	025.6	079.2	025.0000	0090.9	066.6	51.40
181.0	000.5111	0268.9	025.3	078.9	025.0000	0090.6	066.2	51.49
182.0	000.4904	0267.8	025.0	078.5	025.0000	0090.2	065.8	51.57
183.0	000.4701	0266.7	024.7	078.2	025.0000	0089.9	065.5	51.65
184.0	000.4502	0266.5	024.5	077.9	025.0000	0089.5	065.1	51.74
185.0	000.4308	0266.8	024.3	077.6	025.0000	0089.3	064.8	51.82
186.0	000.4118	0267.6	024.0	077.3	025.0000	0089.1	064.4	51.91
187.0	000.3932	0269.2	023.8	077.0	025.0000	0089.0	064.1	52.00
188.0	000.3750	0271.7	023.7	076.7	025.0000	0088.9	063.8	52.09
189.0	000.3573	0274.3	023.5	076.5	025.0000	0088.8	063.5	52.19
190.0	000.3400	0275.9	023.3	076.2	025.0000	0088.8	063.2	52.28
191.0	000.3264	0276.5	023.1	075.8	025.0000	0088.8	062.9	52.37
192.0	000.3131	0276.9	022.9	075.5	025.0000	0088.9	062.6	52.46
193.0	000.3000	0277.8	022.7	075.2	025.0000	0089.0	062.3	52.55
194.0	000.2873	0278.5	022.5	074.8	025.0000	0089.2	062.1	52.64
195.0	000.2748	0278.5	022.3	074.5	025.0000	0089.4	061.9	52.72
196.0	000.2626	0277.9	022.0	074.1	025.0000	0089.6	061.7	52.80
197.0	000.2506	0277.2	021.7	073.7	025.0000	0089.9	061.5	52.88
198.0	000.2390	0276.7	021.5	073.3	025.0000	0090.2	061.3	52.96
199.0	000.2276	0276.2	021.2	072.9	025.0000	0090.5	061.2	53.03
200.0	000.2165	0275.4	020.9	072.5	025.0000	0090.9	061.0	53.10
201.0	000.2079	0275.8	020.7	072.1	025.0000	0091.2	060.9	53.17
202.0	000.1995	0278.3	020.6	071.8	025.0000	0091.5	060.7	53.26
203.0	000.1913	0281.9	020.5	071.5	025.0000	0091.7	060.5	53.35
204.0	000.1832	0284.7	020.4	071.2	025.0000	0092.0	060.3	53.44
205.0	000.1754	0285.4	020.2	070.8	025.0000	0092.3	060.1	53.50
206.0	000.1676	0284.9	020.0	070.4	025.0000	0092.6	060.1	53.55
207.0	000.1601	0284.3	019.7	070.0	025.0000	0092.9	060.0	53.59
208.0	000.1527	0283.9	019.5	069.6	025.0000	0093.1	059.9	53.62
209.0	000.1456	0283.8	019.2	069.3	025.0000	0093.2	059.9	53.64
210.0	000.1385	0283.9	019.0	068.9	025.0000	0093.3	059.9	53.66
211.0	000.1370	0283.6	019.0	068.6	025.0000	0093.3	059.7	53.72
212.0	000.1355	0283.2	018.9	068.3	025.0000	0093.3	059.6	53.77
213.0	000.1339	0282.7	018.8	068.0	025.0000	0093.3	059.4	53.81
214.0	000.1324	0282.2	018.7	067.7	025.0000	0093.2	059.3	53.85
215.0	000.1309	0281.7	018.7	067.4	025.0000	0093.2	059.2	53.89

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KHCV - Proposed
Channel = 259A
Max ERP = 0.98 kW
RCAMSL = 418.8 M
N. Lat. 34 21 09.0
W. Lng. 93 09 26.0

KMTB - BLH-20060811AXJ
Channel = 258C3
Max ERP = 25 kW
RCAMSL = 247 M
N. Lat. 34 00 41.0
W. Lng. 93 52 03.0

Protected
60 dBu

Interfering
54 dBu

FCC NGDC 30 Second Terrain Database

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
216.0	000.1294	0280.9	018.6	067.1	025.0000	0093.1	059.1	53.92
217.0	000.1279	0279.5	018.5	066.8	025.0000	0093.0	059.0	53.94
218.0	000.1264	0277.5	018.4	066.4	025.0000	0092.9	058.9	53.96
219.0	000.1250	0275.3	018.2	066.1	025.0000	0092.9	058.9	53.96
220.0	000.1235	0273.9	018.1	065.8	025.0000	0092.8	058.9	53.97
221.0	000.1196	0273.0	018.0	065.4	025.0000	0092.7	058.9	53.96
222.0	000.1158	0272.2	017.8	065.1	025.0000	0092.7	058.9	53.94
223.0	000.1121	0271.2	017.6	064.7	025.0000	0092.7	059.0	53.92
224.0	000.1084	0270.2	017.4	064.4	025.0000	0092.6	059.0	53.90
225.0	000.1048	0269.2	017.2	064.0	025.0000	0092.7	059.1	53.88
226.0	000.1012	0268.2	017.0	063.7	025.0000	0092.7	059.2	53.85
227.0	000.0977	0267.6	016.8	063.4	025.0000	0092.8	059.3	53.82
228.0	000.0943	0267.6	016.7	063.1	025.0000	0092.8	059.4	53.80
229.0	000.0909	0268.0	016.5	062.8	025.0000	0092.9	059.4	53.78
230.0	000.0876	0268.3	016.4	062.5	025.0000	0092.9	059.5	53.75
231.0	000.0878	0268.3	016.4	062.2	025.0000	0093.0	059.5	53.78
232.0	000.0880	0268.2	016.4	061.9	025.0000	0093.0	059.4	53.80
233.0	000.0881	0268.3	016.4	061.6	025.0000	0093.1	059.3	53.83
234.0	000.0883	0269.4	016.4	061.4	025.0000	0093.1	059.3	53.86
235.0	000.0885	0270.8	016.5	061.1	025.0000	0093.2	059.2	53.90
236.0	000.0887	0271.7	016.5	060.8	025.0000	0093.3	059.1	53.93
237.0	000.0888	0271.5	016.5	060.6	025.0000	0093.4	059.1	53.95
238.0	000.0890	0269.7	016.5	060.3	025.0000	0093.5	059.1	53.94
239.0	000.0892	0266.8	016.4	060.0	025.0000	0093.6	059.2	53.92
240.0	000.0894	0263.7	016.3	059.7	025.0000	0093.7	059.3	53.89
241.0	000.0894	0261.2	016.2	059.4	025.0000	0093.7	059.4	53.86
242.0	000.0894	0259.3	016.1	059.2	025.0000	0093.8	059.5	53.84
243.0	000.0894	0257.9	016.1	058.9	025.0000	0093.8	059.5	53.81
244.0	000.0894	0256.4	016.0	058.6	025.0000	0093.7	059.6	53.78
245.0	000.0894	0254.4	016.0	058.4	025.0000	0093.7	059.7	53.75
246.0	000.0894	0251.9	015.9	058.1	025.0000	0093.6	059.8	53.70
247.0	000.0894	0249.3	015.8	057.9	025.0000	0093.5	059.9	53.65
248.0	000.0894	0247.0	015.7	057.6	025.0000	0093.3	060.1	53.59
249.0	000.0894	0244.9	015.6	057.4	025.0000	0093.2	060.2	53.54
250.0	000.0894	0242.8	015.6	057.1	025.0000	0093.0	060.3	53.49

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KHCV - Proposed
Channel = 259A
Max ERP = 0.98 kW
RCAMSL = 418.8 M
N. Lat. 34 21 09.0
W. Lng. 93 09 26.0

KMTB - BLH-20060811AXJ
Channel = 258C3
Max ERP = 25 kW
RCAMSL = 247 M
N. Lat. 34 00 41.0
W. Lng. 93 52 03.0

Protected
60 dBu

Interfering
54 dBu

FCC NGDC 30 Second Terrain Database

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
251.0	000.0938	0240.6	015.7	056.9	025.0000	0092.8	060.2	53.50
252.0	000.0984	0238.0	015.8	056.6	025.0000	0092.6	060.2	53.49
253.0	000.1030	0235.3	015.9	056.3	025.0000	0092.4	060.2	53.49
254.0	000.1078	0232.9	016.0	056.0	025.0000	0092.2	060.2	53.48
255.0	000.1126	0230.6	016.1	055.7	025.0000	0092.0	060.1	53.47
256.0	000.1176	0228.7	016.3	055.4	025.0000	0091.8	060.1	53.47
257.0	000.1227	0227.1	016.4	055.1	025.0000	0091.7	060.1	53.46
258.0	000.1279	0225.8	016.5	054.8	025.0000	0091.5	060.1	53.46
259.0	000.1331	0225.0	016.7	054.5	025.0000	0091.4	060.1	53.46
260.0	000.1385	0224.6	016.8	054.2	025.0000	0091.4	060.0	53.46
261.0	000.1456	0224.0	017.0	053.9	025.0000	0091.3	060.0	53.48
262.0	000.1527	0222.7	017.2	053.5	025.0000	0091.3	060.0	53.48
263.0	000.1601	0219.7	017.3	053.2	025.0000	0091.3	060.1	53.46
264.0	000.1676	0215.9	017.4	053.0	025.0000	0091.3	060.2	53.42
265.0	000.1754	0211.1	017.4	052.7	025.0000	0091.4	060.3	53.38
266.0	000.1832	0207.1	017.4	052.5	025.0000	0091.5	060.4	53.34
267.0	000.1913	0203.7	017.4	052.2	025.0000	0091.6	060.6	53.31
268.0	000.1995	0199.3	017.4	052.0	025.0000	0091.8	060.7	53.26
269.0	000.2079	0193.8	017.4	051.8	025.0000	0092.0	061.0	53.19
270.0	000.2165	0191.8	017.5	051.5	025.0000	0092.2	061.1	53.17
271.0	000.2276	0189.8	017.6	051.2	025.0000	0092.5	061.2	53.17
272.0	000.2390	0187.8	017.8	050.9	025.0000	0092.8	061.3	53.16
273.0	000.2506	0184.6	017.9	050.6	025.0000	0093.1	061.4	53.13
274.0	000.2626	0182.5	018.0	050.3	025.0000	0093.4	061.5	53.11
275.0	000.2748	0182.8	018.2	049.9	025.0000	0093.9	061.6	53.12
276.0	000.2873	0184.1	018.5	049.6	025.0000	0094.5	061.6	53.14
277.0	000.3000	0186.1	018.8	049.1	025.0000	0095.0	061.7	53.17
278.0	000.3131	0187.5	019.0	048.8	025.0000	0095.5	061.7	53.17
279.0	000.3264	0188.2	019.3	048.4	025.0000	0095.9	061.8	53.17
280.0	000.3400	0188.0	019.4	048.1	025.0000	0096.2	062.0	53.14
281.0	000.3573	0187.4	019.7	047.7	025.0000	0096.5	062.1	53.11
282.0	000.3750	0187.1	019.9	047.4	025.0000	0096.6	062.3	53.07
283.0	000.3932	0187.1	020.1	047.0	025.0000	0096.7	062.4	53.02
284.0	000.4118	0187.0	020.3	046.7	025.0000	0096.6	062.6	52.96
285.0	000.4308	0186.5	020.5	046.3	025.0000	0096.6	062.8	52.89
286.0	000.4502	0185.7	020.7	046.0	025.0000	0096.4	063.0	52.81
287.0	000.4701	0185.0	020.9	045.7	025.0000	0096.3	063.2	52.73

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EXHIBIT A4 (continued)

KHCV - Proposed
Channel = 259A
Max ERP = 0.98 kW
RCAMSL = 418.8 M
N. Lat. 34 21 09.0
W. Lng. 93 09 26.0

KMTB - BLH-20060811AXJ
Channel = 258C3
Max ERP = 25 kW
RCAMSL = 247 M
N. Lat. 34 00 41.0
W. Lng. 93 52 03.0

Protected
60 dBu

Interfering
54 dBu

FCC NGDC 30 Second Terrain Database

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
288.0	000.4904	0184.2	021.0	045.4	025.0000	0096.2	063.5	52.65
289.0	000.5111	0183.0	021.2	045.2	025.0000	0096.1	063.7	52.56
290.0	000.5323	0181.1	021.3	044.9	025.0000	0096.0	064.0	52.47
291.0	000.5474	0179.4	021.3	044.8	025.0000	0096.0	064.4	52.37
292.0	000.5628	0178.6	021.4	044.5	025.0000	0096.1	064.7	52.28
293.0	000.5783	0179.3	021.6	044.3	025.0000	0096.1	064.9	52.20
294.0	000.5941	0181.6	021.9	043.9	025.0000	0096.1	065.2	52.12
295.0	000.6101	0184.1	022.1	043.6	025.0000	0096.2	065.5	52.05
296.0	000.6263	0186.2	022.4	043.3	025.0000	0096.3	065.8	51.96
297.0	000.6427	0187.7	022.6	043.0	025.0000	0096.3	066.1	51.87
298.0	000.6593	0189.6	022.8	042.7	025.0000	0096.3	066.4	51.77
299.0	000.6761	0192.1	023.1	042.4	025.0000	0096.2	066.7	51.67

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EXHIBIT A5

KMTB - BLH-20060811AXJ
Channel = 258C3
Max ERP = 25 kW
RCAMSL = 247 M
N. Lat. 34 00 41.0
W. Lng. 93 52 03.0

KHCV - Proposed
Channel = 259A
Max ERP = 0.98 kW
RCAMSL = 418.8 M
N. Lat. 34 21 09.0
W. Lng. 93 09 26.0

Protected
60 dBu

Interfering
54 dBu

FCC NGDC 30 Second Terrain Database

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
044.0	025.0000	0096.1	038.4	255.3	000.1141	0230.0	039.9	45.33
045.0	025.0000	0096.0	038.4	254.4	000.1099	0231.9	039.6	45.39
046.0	025.0000	0096.4	038.5	253.6	000.1060	0233.8	039.2	45.48
047.0	025.0000	0096.7	038.5	252.8	000.1019	0235.9	038.9	45.55
048.0	025.0000	0096.3	038.5	251.8	000.0976	0238.5	038.7	45.56
049.0	025.0000	0095.2	038.3	250.8	000.0929	0241.1	038.6	45.48
050.0	025.0000	0093.8	038.0	249.8	000.0894	0243.3	038.6	45.40
051.0	025.0000	0092.7	037.8	248.7	000.0894	0245.5	038.6	45.47
052.0	025.0000	0091.8	037.7	247.7	000.0894	0247.6	038.5	45.56
053.0	025.0000	0091.3	037.6	246.7	000.0894	0250.0	038.5	45.68
054.0	025.0000	0091.3	037.6	245.8	000.0894	0252.4	038.3	45.83
055.0	025.0000	0091.6	037.6	244.8	000.0894	0254.7	038.2	45.98
056.0	025.0000	0092.1	037.7	243.9	000.0894	0256.6	038.0	46.13
057.0	025.0000	0092.9	037.9	242.9	000.0894	0258.1	037.8	46.28
058.0	025.0000	0093.5	038.0	241.9	000.0894	0259.4	037.6	46.40
059.0	025.0000	0093.8	038.0	240.9	000.0894	0261.4	037.5	46.50
060.0	025.0000	0093.6	038.0	239.9	000.0894	0264.1	037.5	46.57
061.0	025.0000	0093.2	037.9	238.9	000.0892	0267.2	037.6	46.63
062.0	025.0000	0093.0	037.9	237.9	000.0890	0270.0	037.7	46.67
063.0	025.0000	0092.8	037.8	236.9	000.0888	0271.6	037.8	46.67
064.0	025.0000	0092.7	037.8	235.9	000.0887	0271.7	037.9	46.61
065.0	025.0000	0092.7	037.8	234.9	000.0885	0270.7	038.0	46.52
066.0	025.0000	0092.9	037.9	233.9	000.0883	0269.3	038.1	46.42
067.0	025.0000	0093.1	037.9	233.0	000.0881	0268.3	038.2	46.33
068.0	025.0000	0093.3	037.9	232.0	000.0880	0268.2	038.4	46.25
069.0	025.0000	0093.3	037.9	231.0	000.0878	0268.3	038.6	46.16
070.0	025.0000	0092.9	037.9	230.1	000.0876	0268.3	038.8	46.02
071.0	025.0000	0092.2	037.7	229.3	000.0899	0268.1	039.2	45.96
072.0	025.0000	0091.3	037.6	228.5	000.0925	0267.8	039.6	45.89
073.0	025.0000	0090.4	037.4	227.8	000.0951	0267.5	040.0	45.81
074.0	025.0000	0089.7	037.3	227.0	000.0977	0267.6	040.5	45.74
075.0	025.0000	0089.1	037.2	226.3	000.1003	0267.9	040.9	45.68
076.0	025.0000	0088.8	037.1	225.5	000.1029	0268.7	041.2	45.66

MINOR CHANGE APPLICATION
AZALEA RADIO CORPORATION
KHCV (FM) RADIO STATION
CH 259A - 99.7 MHz - 0.78 kW - DA
CADDO VALLEY, ARKANSAS
July 2013

EXHIBIT A6

KHCV - Proposed
Channel = 259A
Max ERP = 0.98 kW
RCAMSL = 418.8 M
N. Lat. 34 21 09.0
W. Lng. 93 09 26.0

KTCS-FM - BLH-19871231KC
Channel = 260C
Max ERP = 100 kW
RCAMSL = 734 M
N. Lat. 35 04 20.0
W. Lng. 94 40 50.0

Protected
60 dBu

Interfering
54 dBu

FCC NGDC 30 Second Terrain Database

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
297.0	000.6427	0187.7	022.6	120.0	100.0000	0577.0	138.0	53.33
298.0	000.6593	0189.6	022.8	119.8	100.0000	0577.0	137.7	53.40
299.0	000.6761	0192.1	023.1	119.7	100.0000	0576.9	137.4	53.47
300.0	000.6931	0195.0	023.4	119.5	100.0000	0576.8	137.2	53.54
301.0	000.7014	0197.5	023.6	119.3	100.0000	0576.8	137.0	53.59
302.0	000.7097	0199.5	023.7	119.1	100.0000	0576.7	136.8	53.64
303.0	000.7181	0201.1	023.9	119.0	100.0000	0576.7	136.7	53.67
304.0	000.7265	0202.7	024.0	118.8	100.0000	0576.7	136.5	53.70
305.0	000.7350	0204.5	024.2	118.6	100.0000	0576.7	136.4	53.73
306.0	000.7435	0206.7	024.4	118.4	100.0000	0576.7	136.3	53.77
307.0	000.7520	0209.4	024.6	118.2	100.0000	0576.8	136.1	53.81
308.0	000.7606	0212.0	024.8	118.0	100.0000	0576.8	136.0	53.85
309.0	000.7693	0214.3	025.0	117.8	100.0000	0576.9	135.9	53.88
310.0	000.7780	0216.5	025.2	117.6	100.0000	0576.9	135.8	53.91
311.0	000.7780	0218.9	025.3	117.5	100.0000	0577.0	135.7	53.92
312.0	000.7780	0221.7	025.5	117.3	100.0000	0577.1	135.7	53.93
313.0	000.7780	0224.4	025.6	117.1	100.0000	0577.2	135.6	53.94
314.0	000.7780	0226.4	025.7	116.9	100.0000	0577.2	135.7	53.94
315.0	000.7780	0228.1	025.8	116.7	100.0000	0577.3	135.7	53.93
316.0	000.7780	0230.0	025.9	116.5	100.0000	0577.4	135.7	53.92
317.0	000.7780	0232.4	026.1	116.3	100.0000	0577.5	135.8	53.92
318.0	000.7780	0235.3	026.2	116.1	100.0000	0577.5	135.8	53.91
319.0	000.7780	0238.2	026.4	115.9	100.0000	0577.6	135.8	53.91
320.0	000.7780	0240.4	026.5	115.7	100.0000	0577.7	135.9	53.89
321.0	000.7972	0241.7	026.7	115.5	100.0000	0577.7	135.9	53.89
322.0	000.8165	0242.8	026.9	115.2	100.0000	0577.8	135.9	53.89
323.0	000.8362	0244.1	027.1	115.0	100.0000	0577.8	135.9	53.88
324.0	000.8560	0245.3	027.3	114.8	100.0000	0577.9	135.9	53.87
325.0	000.8761	0246.2	027.5	114.6	100.0000	0577.9	136.0	53.86
326.0	000.8964	0246.6	027.7	114.4	100.0000	0577.9	136.1	53.83
327.0	000.9170	0246.9	027.9	114.2	100.0000	0577.9	136.2	53.80
328.0	000.9377	0247.1	028.0	114.0	100.0000	0577.9	136.4	53.77
329.0	000.9588	0247.1	028.2	113.8	100.0000	0577.9	136.5	53.73
330.0	000.9800	0247.0	028.3	113.5	100.0000	0577.8	136.7	53.68
331.0	000.9800	0247.1	028.3	113.4	100.0000	0577.8	137.0	53.61
332.0	000.9800	0247.2	028.3	113.2	100.0000	0577.8	137.3	53.53
333.0	000.9800	0247.4	028.3	113.0	100.0000	0577.8	137.6	53.45

MINOR CHANGE APPLICATION
AZALEA RADIO CORPORATION
KHCV (FM) RADIO STATION
CH 259A - 99.7 MHz - 0.78 kW - DA
CADDO VALLEY, ARKANSAS
July 2013

EXHIBIT A7

KTCS-FM - BLH-19871231KC
Channel = 260C
Max ERP = 100 kW
RCAMSL = 734 M
N. Lat. 35 04 20.0
W. Lng. 94 40 50.0

KHCV - Proposed
Channel = 259A
Max ERP = 0.98 kW
RCAMSL = 418.8 M
N. Lat. 34 21 09.0
W. Lng. 93 09 26.0

Protected
60 dBu

Interfering
54 dBu

FCC NGDC 30 Second Terrain Database

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
099.0	100.0000	0574.4	090.8	323.0	000.8361	0244.1	082.5	38.56
100.0	100.0000	0574.0	090.8	322.2	000.8199	0243.0	081.5	38.78
101.0	100.0000	0573.8	090.8	321.3	000.8033	0242.1	080.4	39.00
102.0	100.0000	0573.6	090.8	320.4	000.7862	0241.0	079.5	39.19
103.0	100.0000	0573.5	090.8	319.5	000.7780	0239.4	078.5	39.40
104.0	100.0000	0573.5	090.8	318.6	000.7780	0237.0	077.6	39.62
105.0	100.0000	0573.8	090.8	317.6	000.7780	0234.0	076.7	39.80
106.0	100.0000	0574.2	090.8	316.6	000.7780	0231.3	075.9	39.98
107.0	100.0000	0574.8	090.8	315.5	000.7780	0229.0	075.1	40.16
108.0	100.0000	0575.5	090.8	314.4	000.7780	0227.1	074.3	40.34
109.0	100.0000	0576.2	090.9	313.3	000.7780	0225.1	073.6	40.50
110.0	100.0000	0576.9	090.9	312.2	000.7780	0222.3	073.0	40.60
111.0	100.0000	0577.3	090.9	311.0	000.7780	0219.0	072.4	40.67
112.0	100.0000	0577.6	090.9	309.8	000.7764	0216.1	071.9	40.72
113.0	100.0000	0577.8	090.9	308.6	000.7658	0213.3	071.4	40.71
114.0	100.0000	0577.9	090.9	307.4	000.7551	0210.4	071.1	40.66
115.0	100.0000	0577.8	090.9	306.1	000.7443	0207.0	070.7	40.57
116.0	100.0000	0577.6	090.9	304.8	000.7335	0204.1	070.5	40.48
117.0	100.0000	0577.2	090.9	303.5	000.7226	0201.9	070.3	40.39
118.0	100.0000	0576.8	090.9	302.2	000.7118	0199.9	070.2	40.28
119.0	100.0000	0576.7	090.9	300.9	000.7010	0197.4	070.1	40.14
120.0	100.0000	0577.0	090.9	299.6	000.6871	0194.0	070.1	39.92
121.0	100.0000	0577.6	090.9	298.3	000.6651	0190.4	070.1	39.62
122.0	100.0000	0578.5	091.0	297.0	000.6434	0187.8	070.2	39.34
123.0	100.0000	0579.6	091.0	295.8	000.6222	0185.7	070.3	39.06
124.0	100.0000	0580.5	091.1	294.5	000.6015	0182.9	070.5	38.73
125.0	100.0000	0581.2	091.1	293.2	000.5814	0179.6	070.8	38.35
126.0	100.0000	0581.5	091.1	291.9	000.5619	0178.6	071.2	38.04
127.0	100.0000	0581.6	091.1	290.7	000.5430	0179.8	071.6	37.81
128.0	100.0000	0581.4	091.1	289.5	000.5217	0182.1	072.1	37.56
129.0	100.0000	0580.9	091.1	288.3	000.4970	0183.9	072.6	37.24
130.0	100.0000	0580.8	091.1	287.2	000.4734	0184.9	073.2	36.87
131.0	100.0000	0580.9	091.1	286.0	000.4508	0185.7	073.9	36.48
132.0	100.0000	0581.0	091.1	284.9	000.4294	0186.6	074.6	36.08
133.0	100.0000	0580.6	091.1	283.9	000.4092	0187.0	075.4	35.63
134.0	100.0000	0579.9	091.0	282.8	000.3903	0187.1	076.2	35.16
135.0	100.0000	0579.2	091.0	281.9	000.3723	0187.1	077.1	34.67
136.0	100.0000	0578.5	091.0	280.9	000.3555	0187.5	078.0	34.18

MINOR CHANGE APPLICATION
AZALEA RADIO CORPORATION
KHCV (FM) RADIO STATION
CH 259A - 99.7 MHz - 0.78 kW - DA
CADDO VALLEY, ARKANSAS
July 2013

EXHIBIT A8

North Latitude: 34° 21' 09" - Protected and Interference Contours
West Longitude: 93° 09' 26" - From Proposed KHCV, Caddo Valley, Arkansas

HAAT and Distance to Contour - FCC 30 Second Terrain Database

Azi.	AV EL	HAAT	ERP kW	dBk	Field	100-F1	60-F5	54-F1	40-F1
000	168.1	250.7	0.9800	-0.09	1.000	1.97	28.49	43.15	80.88
010	155.9	262.9	0.9800	-0.09	1.000	1.98	29.14	44.11	82.05
020	160.1	258.7	0.9800	-0.09	1.000	1.97	28.91	43.78	81.65
030	169.6	249.2	0.9800	-0.09	1.000	1.97	28.41	43.03	80.72
040	152.0	266.8	0.9800	-0.09	1.000	1.98	29.34	44.41	82.42
050	150.3	268.5	0.9800	-0.09	1.000	1.98	29.43	44.54	82.58
060	188.2	230.6	0.9800	-0.09	1.000	1.95	27.38	41.45	78.81
070	227.9	190.9	0.9800	-0.09	1.000	1.88	25.04	37.60	74.11
080	235.7	183.1	0.9800	-0.09	1.000	1.86	24.59	36.88	73.12
090	195.0	223.8	0.9800	-0.09	1.000	1.94	26.99	40.81	78.05
100	155.8	263.0	0.9800	-0.09	1.000	1.98	29.14	44.11	82.06
110	175.1	243.7	0.9800	-0.09	1.000	1.97	28.12	42.59	80.18
120	173.8	245.0	0.9800	-0.09	1.000	1.97	28.19	42.70	80.31
130	167.0	251.8	0.9800	-0.09	1.000	1.97	28.55	43.24	80.98
140	148.1	270.7	0.9800	-0.09	1.000	1.98	29.55	44.71	82.79
150	145.2	273.6	0.9800	-0.09	1.000	1.98	29.70	44.93	83.07
160	145.2	273.6	0.9800	-0.09	1.000	1.98	29.70	44.93	83.06
170	141.5	277.3	0.8349	-0.78	0.923	1.84	28.79	43.57	81.26
180	148.4	270.4	0.5323	-2.74	0.737	1.61	25.64	38.68	74.73
190	142.9	275.9	0.3400	-4.69	0.589	1.29	23.31	34.92	69.56
200	143.4	275.4	0.2165	-6.65	0.470	1.03	20.91	30.99	63.96
210	134.9	283.9	0.1385	-8.58	0.376	0.83	19.01	28.14	59.55
220	144.9	273.9	0.1235	-9.08	0.355	0.78	18.13	26.90	57.38
230	150.5	268.3	0.0876	-10.57	0.299	0.66	16.37	24.51	53.16
240	155.1	263.7	0.0894	-10.49	0.302	0.66	16.30	24.43	52.99
250	176.0	242.8	0.0894	-10.49	0.302	0.66	15.58	23.52	51.18
260	194.2	224.6	0.1385	-8.58	0.376	0.83	16.84	25.25	54.12
270	227.0	191.8	0.2165	-6.65	0.470	1.03	17.49	26.09	55.41
280	230.8	188.0	0.3400	-4.69	0.589	1.29	19.45	28.82	60.21
290	237.7	181.1	0.5323	-2.74	0.737	1.61	21.30	31.60	64.93
300	223.8	195.0	0.6931	-1.59	0.841	1.61	23.37	34.96	70.07
310	202.3	216.5	0.7780	-1.09	0.891	1.74	25.19	37.97	74.16
320	178.4	240.4	0.7780	-1.09	0.891	1.77	26.49	40.09	76.78
330	171.8	247.0	0.9800	-0.09	1.000	1.97	28.30	42.86	80.52
340	167.1	251.7	0.9800	-0.09	1.000	1.97	28.54	43.24	80.98
350	162.3	256.5	0.9800	-0.09	1.000	1.97	28.80	43.61	81.43

AMSL= 418.8