

**MODIFY BPH-20030303ACA/
CHANGE CITY OF LICENSE
DAVIDSON COUNTY BROADCASTING CO., INC.
WTHZ (FM) RADIO STATION
CH 231C1 - 94.1 MHZ - 43.0 KW
FAITH, NORTH CAROLINA
July 2009**

EXHIBIT A

Allocation Reference Site

This application seeks to change the community of license of WTHZ from Lexington, North Carolina to Faith, North Carolina. As the proposed implementation site is proposed under §73.215 of the rules, a designated allocation reference site is used. The proposed allocation reference site is the licensed WTHZ site at Lexington, North Carolina (BLH-19940909KH).

As denoted on Exhibit A1, from the proposed allocation reference site, Channel 231C meets the Commission's minimum distance separation requirements to all licensed, proposed or applied for facilities with the exception of stations WKSL, Channel 230C, Cary, North Carolina¹; WMEV-FM, Channel 230C, Marion, Virginia; WGBT, Channel 233C1, Eden, North Carolina; and WAXS, Channel 231B, Oak Hill, West Virginia.² Each of these stations were authorized prior to November 16, 1964 and have remained shortspaced since that time.³ As there are no new shortspaces and none of the shortages are exacerbated, it is believed this city of license

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- 1) WKSL was originally licensed on Channel 230C at Burlington-Graham, North Carolina. The station changed city of license to Cary, North Carolina, but remains shortspaced to WTHZ under §73.213(a).
 - 2) It would be feasible for WTHZ to simply change community of license at its licensed transmitter site on Channel 231C; file an independent application that did not impact the outstanding permit; license the station and then modify the permit to reflect the change of community. As proposed, this can be accomplished in one step rather than two, thus eliminating the need for the Commission to process two applications.
 - 3) According to the data reviewed, WTHZ commenced operation in August 1949; WKSL in 1946; WMEV-FM in June 1961; WGBT in March 1949 and WAXS in 1948. Therefore, §73.213(a) applies to each of these shortages.

proposal is in compliance. From the proposed allocation reference site, WTHZ places a 70 dBu signal over 100% of the community of Faith, North Carolina, as shown on Exhibit A2.⁴ As the WTHZ allocation site is the present WTHZ licensed facility, the site is suitable for tower construction. Therefore, this proposal meets the Commission's allocation criteria.

4) The actual 70 dBu contour and the reference distance 70 dBu contour (50.7 km) are based on the operating power and height and both serve Faith, North Carolina, as shown.

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EXHIBIT A1

Allocation/Clearance Study for WTHZ Faith, North Carolina
Using Present WTHZ Site as Reference

REFERENCE	CLASS = C	DISPLAY DATES
35 55 02.0 N.		DATA 07-07-09
80 17 37.0 W.	Current Spacings to 3rd Adj.	SEARCH 07-07-09
----- Channel 231 - 94.1 MHZ -----		

Call	Channel	Location	Ant	Azi	Dist	FCC	Margin
	Lat.	Lng.		Power	HAAT		
WTHZ	CP -N 231C1	Lexington	NC	233.5	49.6	270.0	-220.4
	35 39 04.0	80 44 04.0	NCX	43.000 kW	408 M		
	Davidson County Broadcasting BPH-20030303ACA						
WTHZ	LIC-D 231C	Lexington	NC	0.0	0.0	290.0	-290.0
	35 55 02.0	80 17 37.0	DCN	100.000 kW	309 M		
	Davidson County Broadcasting BLH-19940909KH						
WKSL	LIC-Z 230C	Cary	NC	99.2	135.3	241.0	-105.7
	35 42 50.0	78 49 04.0	ZCX	100.000 kW	453 M		
	Capstar TX Limited Partnership BLH-20080416AAZ						
WMEV-FM	LIC-D 230C	Marion	VA	314.7	156.5	241.0	-84.5
	36 54 04.0	81 32 35.0	DEX	100.000 kW	452 M		
	Holston Valley Broadcasting BLH-20060512AAB						
WGBT	LIC-D 233C1	Eden	NC	35.8	58.9	105.0	-46.1
	36 20 48.0	79 54 30.0	DE	100.000 kW	299 M		
	Clear Channel Broadcasting BMLH-20010514AAN						
WAXS	LIC 231B	Oak Hill	WV	341.7	239.0	274.0	-35.0
	37 57 30.0	81 09 03.0	CY	50.000 kW	196 M		
	Plateau Broadcasting, Inc. BMLH-19960118KD						
WYFQ-FM	LIC-N 228C3	Wadesboro	NC	180.9	96.3	96.0	0.32
	35 02 57.0	80 18 38.0	NCN	8.700 kW	169 M		
	Bible Broadcasting Network BLED-19951010KE						
WCMG	LIC 232C3	Latta	SC	156.0	179.4	176.0	3.4
	34 26 20.0	79 29 44.0	CN	10.500 kW	153 M		
	Cumulus Licensing LLC BLH-19971113KB						
WIGL	CP -N 230C3	Winnsboro	SC	198.2	181.4	176.0	5.4
	34 21 47.0	80 54 40.0	NCX	8.900 kW	166 M		
	Miller Communications, Inc. BPH-20080411AAS						
WYOR	CP -N 231A	Cross Hill	SC	218.2	240.5	226.0	14.5
	34 12 16.0	81 54 37.0	NCX	3.200 kW	125 M		
	Big Fish Broadcasting, LLC BPH-20080307ABK						

Graham Brock, Inc. - Broadcast Technical Consultants

WTHZ License

BLH-19940909KH
Latitude: 35-55-02 N
Longitude: 080-17-37 W
ERP: 100.00 kW
Channel: 231C
Frequency: 94.1 MHz
AMSL Height: 543.0 m
Horiz. Pattern: Directional
Prop Model: FCC
60 dBu pop. : 1,650,207 (2000)
60 dBu area. : 15,751.4 sq. km.
70 dBu pop. : 958,603 (2000)
70 dBu area. : 7,406.5 sq. km.

60 dBu (1.0 mV/m)

70 dBu (3.16 mV/m)

70 dBu (Radius)

LICENSE/ALLOCATION SITE SERVICE CONTOURS

EXHIBIT A2
MODIFY BPH-20030303ACA/
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