

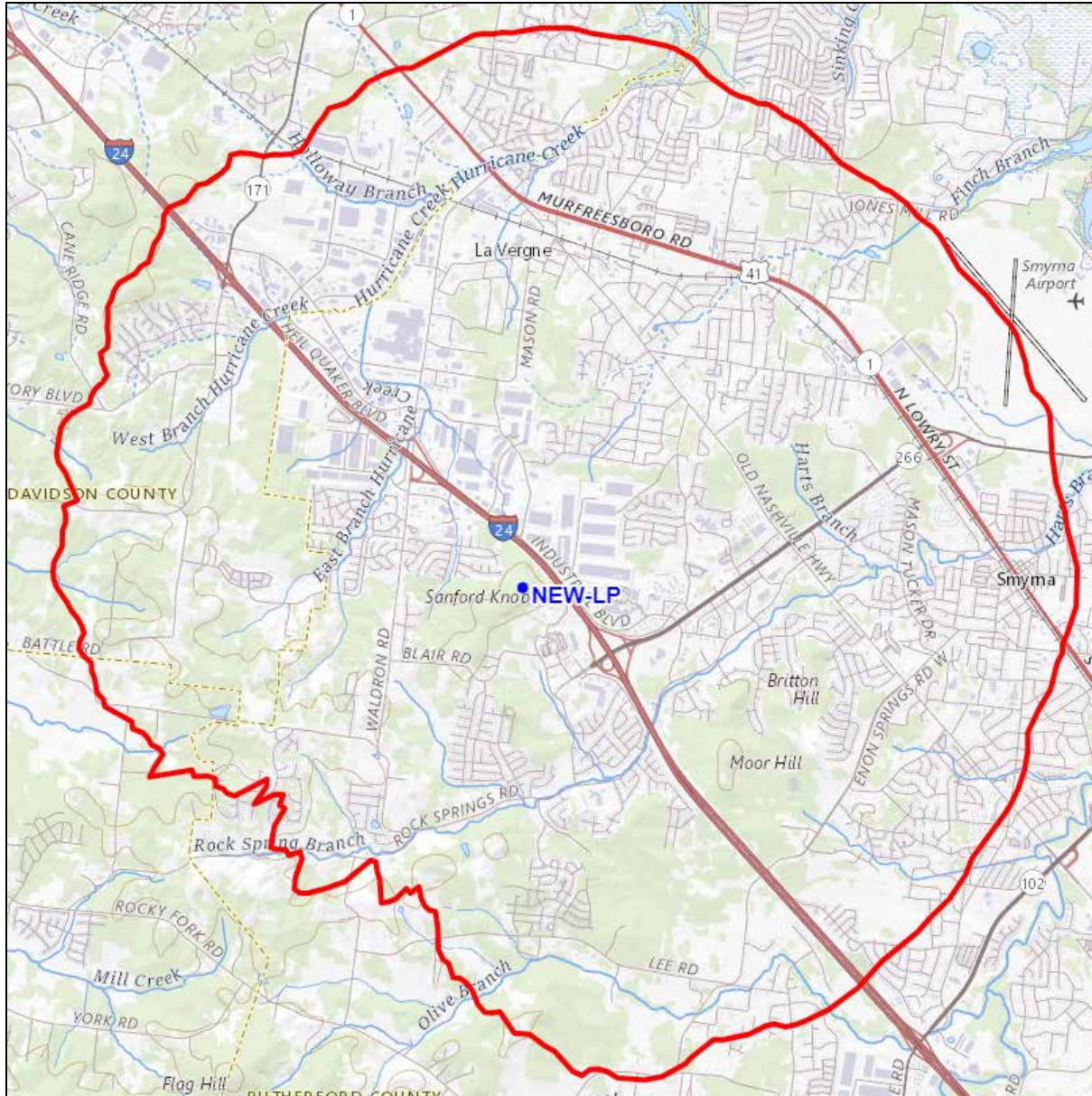


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Original Construction Permit Application  
SMYRNA, TN

**RUTHERFORD COUNTY BAPTIST CHURCH**  
Facility ID: 785856

## PROPOSED 60dBu F(50,50) SERVICE CONTOUR



SMYRNA, TN ~ Channel 279LP100 (103.7 MHz) ~ ERP 0.007 kW

Elev: 274.3 meters ~ RCAGL: 29 meters ~ RCAMSL: 303.3 meters ~ HAAT: 115 meters

Overall tower height: 60.7 meters AGL ~ ASR: 1227349

NAD83 Latitude: 35° 58' 55.2" N ~ Longitude: 86° 34' 57.9" W

No nondirectional AM stations within one wavelength. No directional AM within 3 km.

Elevation and HAAT based on NED1 data from FCC Contours API.

Existing registered tower.

**RUTHERFORD COUNTY BAPTIST CHURCH**

New(LP)  
Smyrna, Tennessee  
Channel 279LP100 (103.7 MHz)

Distance separation	<i>\$73.807</i>	3
Second-Adjacent Channel Waiver request	<i>\$73.807</i>	4
Educational Statement	<i>\$73.503(a)</i>	8
Evidence of Corporation Status	<i>\$73.503(a)</i>	9
LPFM Point System factors	<i>\$73.872</i>	10
Demonstration of localism	<i>\$73.853</i>	11

R E C NETWORKS  
CHANNEL REPORT

NAD83 LATITUDE: 35 - 58' 55.1" - LONGITUDE: 86 - 34' 57.8"  
CHANNEL: 279 - CLASS: LP100

CHAN	FREQ	CALL	LOCATION	CLS	DIST	REQ	CLEAR	BEAR
277	103.3	WKDF : RADIO LICENSE HOLDING CBC, LLC > See waiver request	NASHVILLE	TN C0	24.7	84.0	-59.3	284.0
279	103.7	W279DL : MIDDLE TENNESSEE BROADCASTING COMPANY	COLUMBIA	TN D3	57.9	32.0	25.9	225.7
279	103.7	WHHT : NEWBERRY BROADCASTING, INC.	CAVE CITY	KY C3	120.3	78.0	42.3	25.3
279	103.7	WKXJ : AUDACY LICENSE, LLC	WALDEN	TN C3	150.9	78.0	72.9	128.8
279	103.7	W279CH : TUNE-ATOMIC MUSIC	HERMITAGE	TN D2	31.0	26.0	5.0	304.8
279	103.7	WFGS : FOREVER COMMUNICATIONS, INC.	MURRAY	KY C1	169.3	111.0	58.3	292.4
280	103.9	WLTD-LP : DICKSON OMEGA RADIO	DICKSON	TN L1	70.9	14.0	56.9	276.3
280	103.9	WHQV-LP : JESUS BREAKS THE CHAINS CHURCH	HENDERSONVILLE	TN L1	35.8	14.0	21.8	353.6
280	103.9	WLWB : EDUCATIONAL MEDIA FOUNDATION	LAWRENCEBURG	TN A	99.1	56.0	43.1	227.3
280	103.9	WIAF-LP : IGLESIA ANTIOQUIA DE CRISTO MINISTERIOS LLAMADA FINAL	ANTIOCH	TN L1	22.8	14.0	8.8	276.4
280	103.9	W280FN : The Mighty Seven Ninety Incorporated	ASHLAND CITY	TN D4	58.2	21.0	37.2	304.3
280	103.9	WQJZ-LP : STONES RIVER COMMUNITY MEDIA ALLIANCE	MURFREESBORO	TN L1	22.4	14.0	8.4	130.5
281	104.1	WUCZ : WOOD BROADCASTING, INC.	CARTHAGE	TN A	67.5	29.0	38.5	56.9

**REQUEST FOR WAIVER OF §73.807(a)**  
**SHORT-SPACED SECOND-ADJACENT CHANNEL**

New(LP)  
Smyrna, Tennessee  
Channel 279LP100 (103.7 MHz)

The instant application meets all §73.807 distance separation requirements with the exception of second-adjacent channel station WKDF, Nashville, Tennessee. We address this shortcoming as set forth.

WKDF operates on Channel 277C0 with 100 kW Effective Radiated Power (ERP) at 376 meters Height Above Average Terrain (HAAT) into a nondirectional antenna. WKDF places an 86.9 dBu service contour at the proposed LPFM site.

Pursuant to §73.811 of the Commission's Rules, the maximum ERP allowed at the proposed radiation center height is 7 watts (0.007 kW).

Using the U/D method<sup>1</sup>, the proposed LPFM station is predicted to produce an undesired interference overlap in respect to WKDF to the proposed LPFM station's 126.9 dBu interfering contour ("overlap zone"). At 7 watts ERP, this overlap zone extends to 8 meters from the base of the proposed tower site. As this is on a free-standing registered tower and the radiation center is at 29 meters above ground level, the 126.9 dBu contour does not reach the ground and therefore will not penetrate any occupied structures.

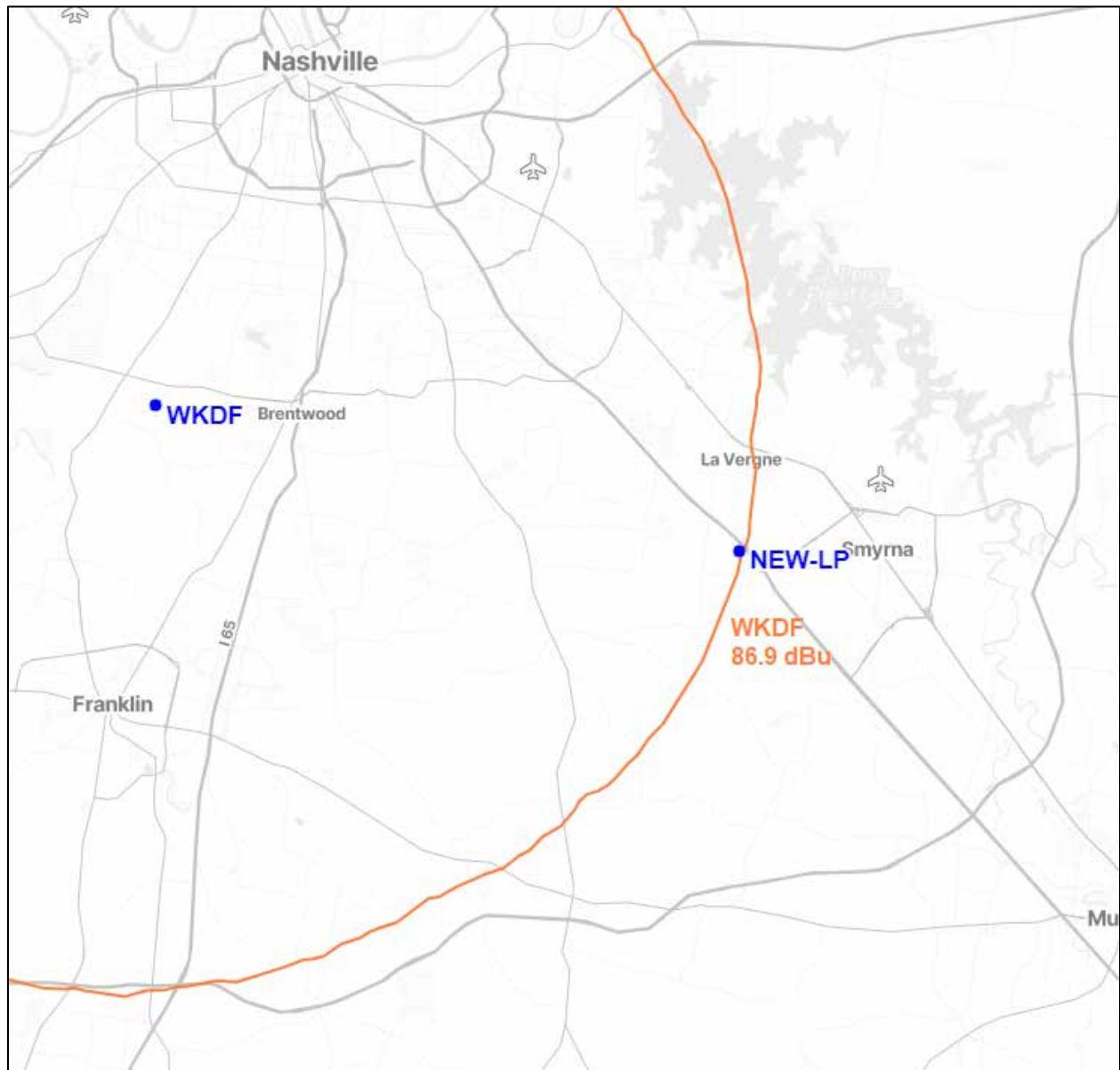
As we have determined that the proposed facility will not cause any interference, the applicant is requesting a waiver of §73.807(a) in respect to WKDF, Nashville, Tennessee.

Prepared by,  
/S/  
Michelle Bradley, CBT  
REC Networks  
December 6, 2023

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<sup>1</sup> See *Living Way Ministries, Inc.* Memorandum Opinion and Order, 17 FCC Rcd 17054, 17056 (2002) at 5. *Recon denied* 23 FCC Rcd 15070 (2008).

Second-adjacent channel short-spaced facilities



## **EDUCATIONAL STATEMENT**

New(LP)  
Smyrna, Tennessee  
Channel 279LP100 (103.7 MHz)

Rutherford County Baptist Church was founded in 1999 with the educational objective of promoting Christian values and biblical teachings. Since then, the church has been hosting Sunday school classes and operating a K12 Christian school to help members of the community develop their knowledge of the Bible and relationship with God. The church has also developed a certificate program to aid adults in preparing for ministry.

The radio station will advance our educational program through the on-air teaching of biblical lessons and discussions of Christian living as well as introduce those interested in the faith to the basics of Christianity. In addition, we will provide guidance on how to practice living a Christ-centered life and offer instructional programs through our adult Bible Institute.

Sample programming includes:

CHRISTIANITY 101 Information for those ready to learn more about the faith but don't know where to begin. Learn about the Bible Jesus' teachings and the foundations of Christianity.

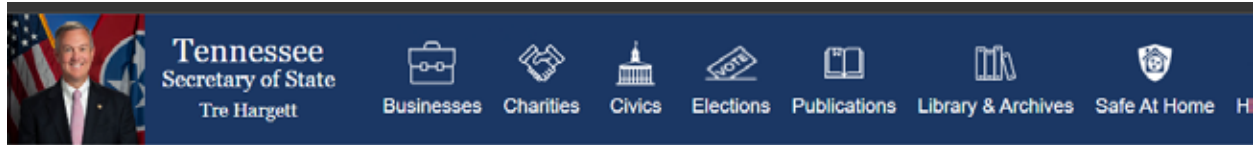
THE BIBLE RECAP A show that summarizes key stories and passages from the Bible in each episode going through the full Bible over time.

CHRISTIAN HISTORY A program exploring major events figures and movements in Christian history.

LIVING WITH PURPOSE Interviews and advice from Christian authors speakers and leaders about finding your God-given purpose.

## EVIDENCE OF CURRENT CORPORATION STATUS

New(LP)  
Smyrna, Tennessee  
Channel 279LP100 (103.7 MHz)



Business Services Online > Find and Update a Business Record > Business Entity Detail

### Business Entity Detail

Available Entity Actions

[File Annual Report](#)

[Certificate of Existence](#)

[More](#)

Entity details cannot be edited. This detail reflects the current state of the filing in the system.

[Return to the Business Information Search.](#)

000379278: Nonprofit Corporation - Domestic

[Printer Friendly Version](#)

**Name:** RUTHERFORD COUNTY BAPTIST CHURCH

**Status:** Active

**Initial Filing Date:** 11/01/1999

**Formed in:** TENNESSEE

**Delayed Effective Date:**

**Fiscal Year Close:** November

**AR Due Date:** 03/01/2024

**Term of Duration:** Perpetual

**Inactive Date:**

**Principal Office:** 5742 SEMINARY ROAD  
SMYRNA, TN 37167 USA

**Mailing Address:** 5742 SEMINARY ROAD  
SMYRNA, TN 37167 USA

**AR Exempt:** No

**Obligated Member Entity:** No

**Public Benefit Corporation:** Yes

**Religious Corporation:** Yes

[Assumed Names](#) [History](#) [Registered Agent](#)

Name	Status	Expires
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### LPFM POINT FACTORS

New(LP)  
Smyrna, Tennessee  
Channel 279LP100 (103.7 MHz)

County of transmitting antenna	Market Name	Market Rank
Rutherford, Tennessee	Nashville, TN	40

The proposed facility will claim 5 points as set forth:

Established Community Presence – 1 point

As the applicant has been established with a headquarters within 10 miles of the transmitting antenna since November 1, 1999, the applicant is claiming the Established Community Presence point, pursuant to §73.872(b)(1).

Local Programming – 1 point

Applicant pledges to originate at least 8 hours of local programming, pursuant to Commission policies regarding the LPFM point system, pursuant to §73.872(b)(2).

Main Studio – 1 point

Applicant pledges to make available an accessible main studio, capable of program origination for a Applicant of 20 hours per week. Applicant claims the Main Studio point, pursuant to §73.872(b)(3).

Local Programming and Main Studio – 1 point

As both the Local Programming and Main Studio points are being claimed, the additional Local Programming and Main Studio "bonus" point is also claimed, pursuant to §73.872(b)(4).

Diversity of Ownership – 1 point

Applicant has no other attributable interests and therefore is eligible to claim the Diversity of Ownership point, pursuant to §73.872(b)(5) and Page 5 of the Second Window Notice.

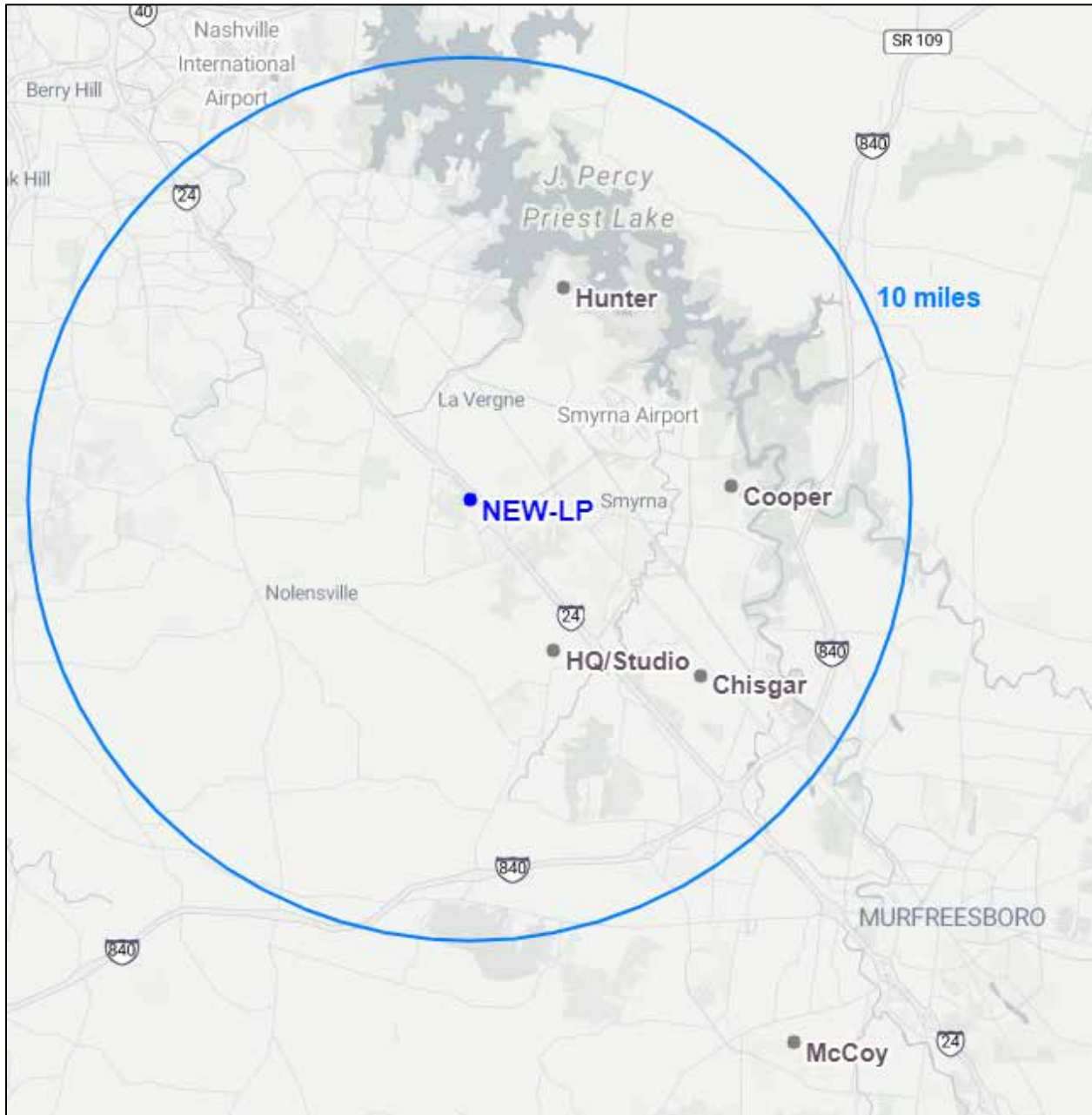
Prepared by,

/S/  
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December 6, 2023

## LOCALISM

New(LP)  
Smyrna, Tennessee  
Channel 279LP100 (103.7 MHz)



The headquarters, main studio and 3 of 4 board members (75%) are located within or reside within 10 miles of the proposed transmitter site.