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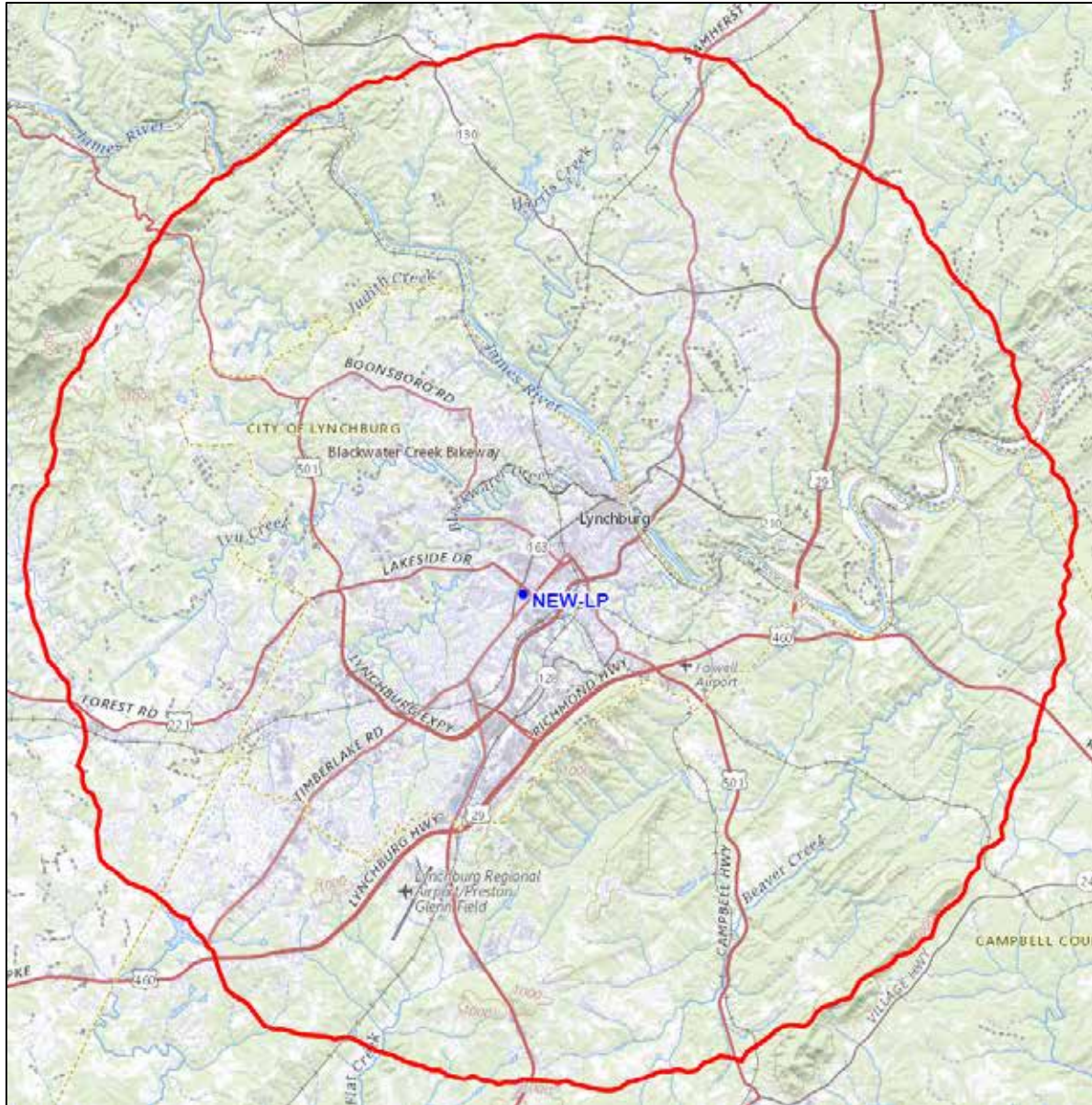
Original Construction Permit Application

LYNCHBURG, VA

**FAITH CITY CHURCH INTERNATIONAL**

Facility ID: 786485

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



LYNCHBURG, VA ~ Channel 267LP100 (101.3 MHz) ~ ERP 0.071 kW (less than maximum)  
Elev: 230.2 meters ~ RCAGL: 30.0 meters ~ RCAMSL: 260.2 meters ~ HAAT: 18 meters  
Overall tower height: 35 meters AGL ~ ASR: None (passes glide slope)  
NAD83 Latitude: 37° 23' 45.6" NL ~ Longitude: 79° 10' 09.6" WL  
No AM stations within 3 km.  
Elevation and HAAT based on NED1 data from FCC Contours API.  
New antenna and tower construction.

**FAITH CITY CHURCH INTERNATIONAL**

New(LP)  
Lynchburg, Virginia  
Channel 267LP100 (101.3 MHz)

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R E C NETWORKS  
CHANNEL REPORT

NAD83 LATITUDE: 37 - 23' 45.6" - LONGITUDE: 79 - 10' 09.6"  
CHANNEL: 267 - CLASS: LP100

CHAN	FREQ	CALL	LOCATION	CLS	DIST	REQ	CLEAR	BEAR
265	100.9	WIQO-FM : 3 DAUGHTERS MEDIA, INC. > See waiver request	FOREST	VA A	20.1	29.0	-8.9	294.4
266	101.1	WYMY : CAROLINA RADIO GROUP, INC.	BURLINGTON	NC CO	163.7	111.0	52.7	188.5
266	101.1	W266CY : MEL WHEELER, INC.	ROANOKE	VA D8	76.9	28.0	48.9	266.1
267	101.3	WXJK : DAVID W. LAYNE	FARMVILLE	VA A	69.6	67.0	2.6	96.5
267	101.3	WBRB : WEST VIRGINIA RADIO CORPORATION OF BUCKHANNON	BUCKHANNON	WV B	193.3	112.0	81.3	333.1
267	101.3	WZFM : WZFM, LLC	NARROWS	VA A	145.8	67.0	78.8	266.1
268	101.5	WWMP : WJLT, LLC	VINTON	VA A	69.6	56.0	13.6	256.7
268	101.5	WRAL : WRAL-FM, INC.	RALEIGH	NC C	199.1	120.0	79.1	163.3
269	101.7	WAWX : EDUCATIONAL MEDIA FOUNDATION > See waiver request	LYNCHBURG	VA A	7.7	29.0	-21.3	18.1

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

New(LP)  
Lynchburg, Virginia  
Channel 267LP100 (101.3 MHz)

The instant application meets all §73.807 distance separation requirements with the exception of second-adjacent channel stations WIQO-FM, Forest, Virginia and WAWX, Lynchburg, Virginia. We address these shortcomings as set forth.

WIQO-FM operates on Channel 265A with 0.2 kW Effective Radiated Power (ERP) at 531 meters Height Above Average Terrain (HAAT) into a nondirectional antenna. WIQO-FM places a 66.5 dBu service contour at the proposed LPFM site.

WAWX operates on Channel 269A with 6 kW ERP at 65 meters HAAT into a nondirectional antenna. WAWX places a 79.4 dBu service contour at the proposed LPFM site.

When evaluating multiple second-adjacent channel short-spaced stations, we further evaluate the one that has the weaker field strength at the proposed LPFM site. In this case, that is WIQO-FM.

Using the U/D method<sup>1</sup>, the proposed LPFM station is predicted to produce an undesired interference overlap in respect to WIQO-FM to the proposed LPFM station's 106.5 dBu interfering contour ("overlap zone"). This overlap zone extends to 332 meters from the base of the proposed tower site. Within the overlap zone, there is a mix of residential and commercial structures with a maximum height of two stories. Therefore, we will consider an artificial floor of 5 meters in order to account for occupation within these structures.

To address potential interference to nearby occupied structures, the applicant proposes to operate at **less than maximum ERP at 0.071 kW**. At 71 watts, this further reduces the overlap zone to 280 meters. Potential interference can be prevented through the use of a Nicom BKG-77 circular polarized antenna with 6-bays at 0.85 wavelength spacing. Based on the manufacturer's specifications, the 106.5 dBu contour will extend to the artificial floor height of 5 meters above ground level along the -55 degree depression angle, remaining above the occupation area of structures within the overlap zone.

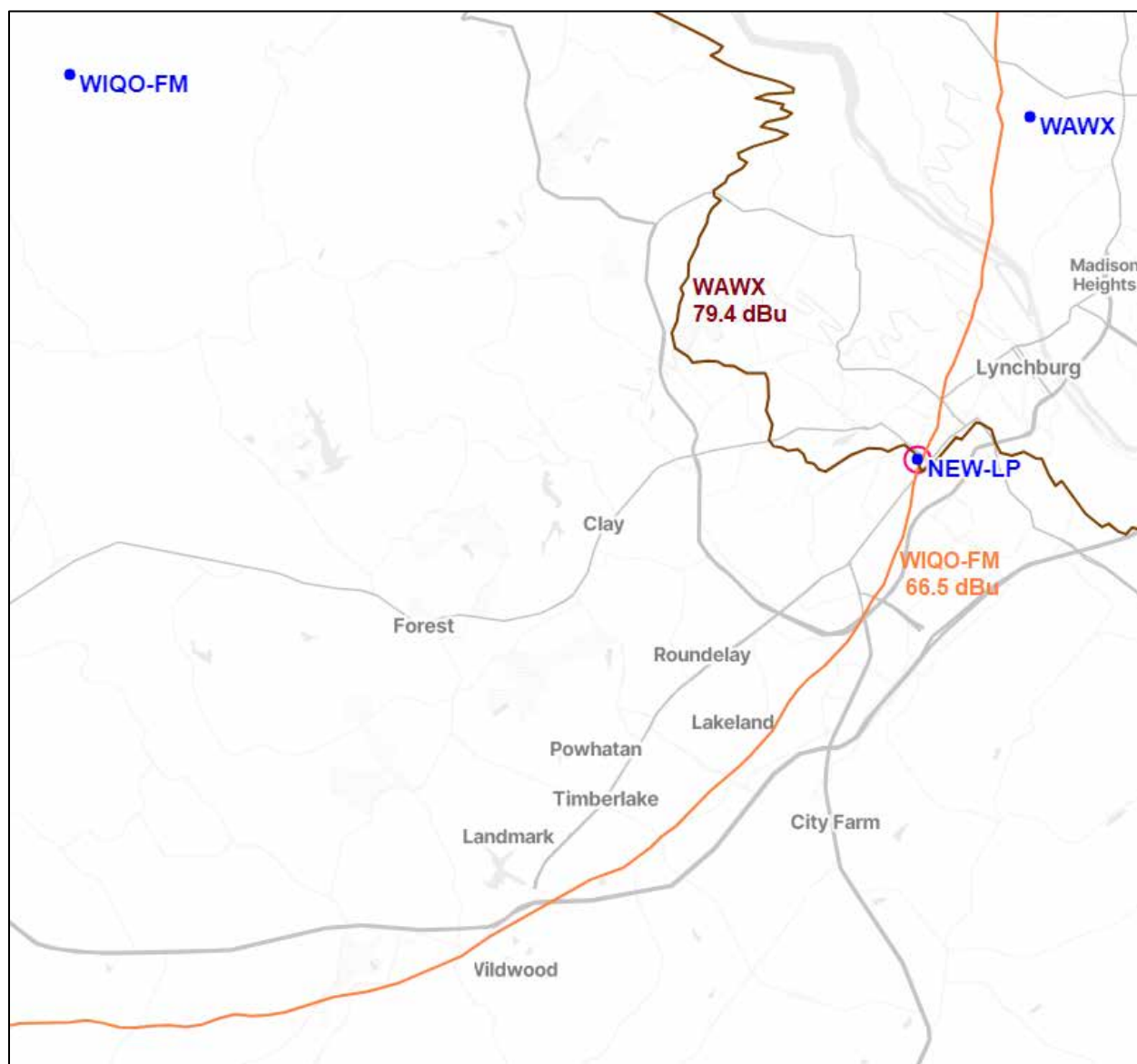
As we have determined that the proposed facility will not cause any interference, the applicant is requesting a waiver of §73.807(a) in respect to WIQO-FM, Forest, Virginia and WAWX, Lynchburg, Virginia.

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





106.5 dBu overlap zone



Proposed Power:				<b>0.071 kW</b>				
Antenna Height AGL:				<b>30 m</b>				
Interference Contour:				<b>106.5 dBu</b>				
Artificial RX Antenna Height:				<b>5 m</b>				
Antenna Type:				<b>Nicom BKG77 - 6 bay 0.85 wave spacing</b>				
Angle Below Horizon	Antenna Relative Field	ERP in kW	ERP in dBk	Distance from Ant to Interference Contour	Distance from Ant to Artificial Plane	Field Strength in dBu @ Artificial Plane	Distance from Ant to Ground Level	Field Strength in dBu @ Ground Level
5	<b>0.679</b>	0.033	-14.85	189.89	286.84	102.92	344.21	101.33
10	<b>0.068</b>	0.000	-34.84	19.02	143.97	88.92	172.76	87.33
15	<b>0.229</b>	0.004	-24.29	64.04	96.59	102.93	115.91	101.35
20	<b>0.088</b>	0.001	-32.60	24.61	73.10	97.04	87.71	95.46
25	<b>0.124</b>	0.001	-29.62	34.68	59.16	101.86	70.99	100.28
30	<b>0.116</b>	0.001	-30.20	32.44	50.00	102.74	60.00	101.16
35	<b>0.040</b>	0.000	-39.45	11.19	43.59	94.69	52.30	93.10
40	<b>0.123</b>	0.001	-29.69	34.40	38.89	105.43	46.67	103.85
45	<b>0.064</b>	0.000	-35.36	17.90	35.36	100.59	42.43	99.00
50	<b>0.048</b>	0.000	-37.86	13.42	32.64	98.78	39.16	97.20
55	<b>0.109</b>	0.001	-30.74	30.48	30.52	106.49	36.62	104.91
60	<b>0.092</b>	0.001	-32.21	25.73	28.87	105.50	34.64	103.92
65	<b>0.034</b>	0.000	-40.86	9.51	27.58	97.25	33.10	95.67
70	<b>0.022</b>	0.000	-44.64	6.15	26.60	93.78	31.93	92.20
75	<b>0.055</b>	0.000	-36.68	15.38	25.88	101.98	31.06	100.40
80	<b>0.063</b>	0.000	-35.50	17.62	25.39	103.33	30.46	101.74
85	<b>0.062</b>	0.000	-35.64	17.34	25.10	103.29	30.11	101.70
90	<b>0.062</b>	0.000	-35.64	17.34	25.00	103.32	30.00	101.74

## **EDUCATIONAL STATEMENT**

New(LP)  
Lynchburg, Virginia  
Channel 267LP100 (101.3 MHz)

Preaching and teaching the Word of God multiple times weekly. We have multiple outreach facilities where we equip people with the strategies that it takes to get to their next level. We help them to learn how to make their dreams come true through faith in the power of the word of God.

Our radio station will enable us to reach more people within the community. There are people that will never step foot inside our church or any of our outreach locations, but they listen to the radio daily.

Also, there are many that want to go to their next level yet simply can't make it to church for whatever reason. This station will be the remedy. We will use it to highlight the good in the community and connect people with the resources they need to get ahead. The proposed station will use Bible-based teaching to promote self-improvement and to help guide day to day life.



## EVIDENCE OF CURRENT CORPORATION STATUS

New(LP)  
Lynchburg, Virginia  
Channel 267LP100 (101.3 MHz)

### State Corporation Commission Clerk's Information System

#### Entity Information

##### Entity Information

Entity Name:	Faith City Church International	Entity ID:	11348826
Entity Type:	Nonstock Corporation	Entity Status:	Active
Series LLC:	N/A	Reason for Status:	Active and In Good Standing
Formation Date:	02/22/2022	Status Date:	03/27/2023
VA Qualification Date:	02/22/2022	Period of Duration:	Perpetual
Industry Code:	65 - Churches And Religious Denominations	Annual Report Due Date:	N/A
Jurisdiction:	VA	Charter Fee:	\$50.00
Registration Fee Due Date:	Not Required		

##### Registered Agent Information

RA Type:	Individual	Locality:	CAMPBELL COUNTY
RA Qualification:	Initial Director of the Corporation		
Name:	Wilbert Butler	Registered Office Address:	3777 Wards Rd, Altavista, VA, 24517 - 4045, USA

##### Principal Office Address

Address: 3777 Wards Rd, Altavista, VA, 24517 - 4045, USA

### **LPFM POINT FACTORS**

New(LP)  
Lynchburg, Virginia  
Channel 267LP100 (101.3 MHz)

<b>County of transmitting antenna</b>	<b>Market Name</b>	<b>Market Rank</b>
Lynchburg, Virginia	(outside metro)	N/A

The proposed facility will claim 4 points as set forth:

**Established Community Presence – no points**

The applicant cannot claim the Established Community Presence due to its establishment date of February 2, 2022.

**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.

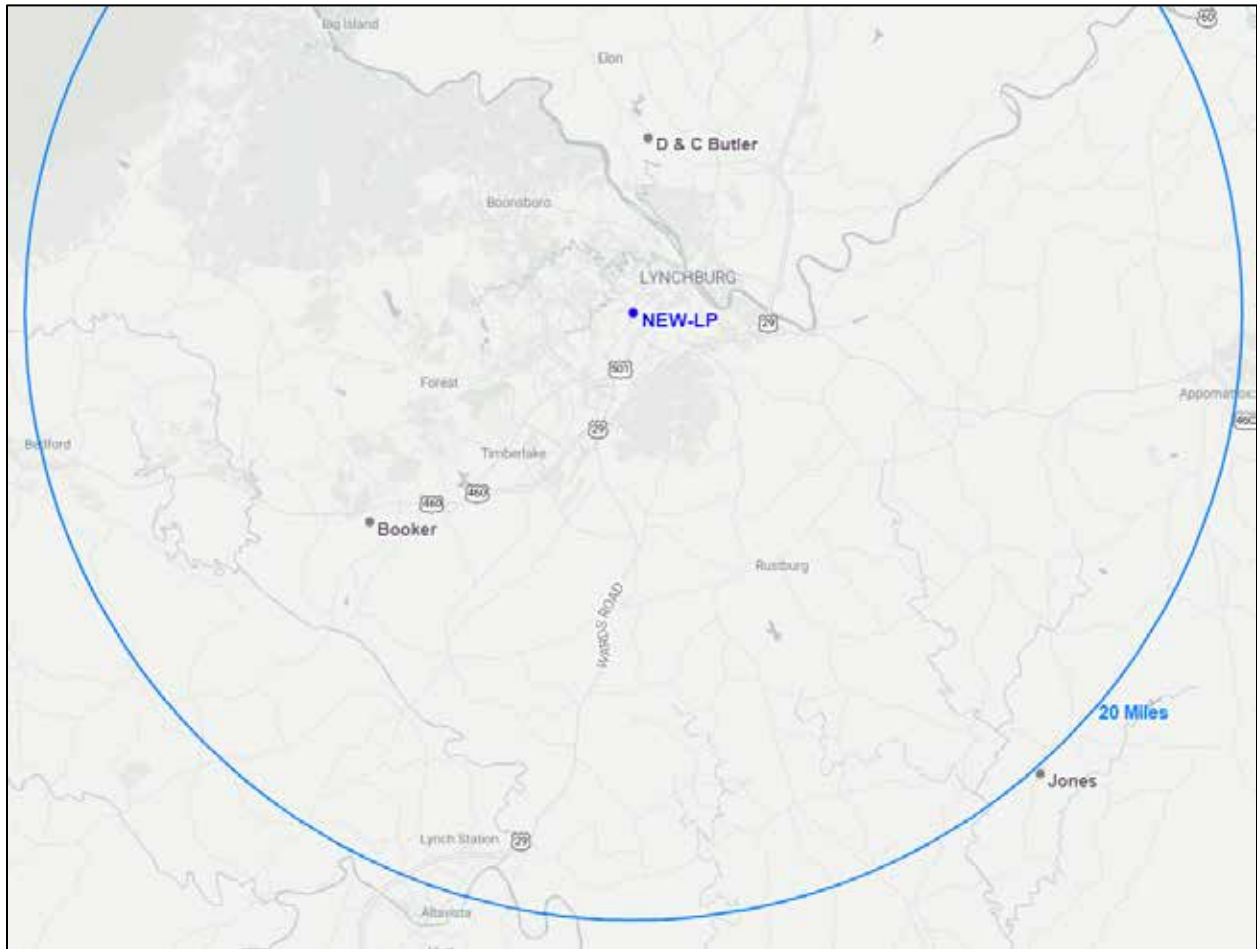
Prepared by,

/S/  
Michelle Bradley, CBT  
REC Networks

December 6, 2023

## LOCALISM

New(LP)  
Lynchburg, Virginia  
Channel 267LP100 (101.3 MHz)



The organization's headquarters and main studio are co-located at the proposed transmitter site.

Two of three board members reside within 20 miles of the proposed transmitter site.

Therefore, localism is established by headquarters location.