

FCC Form 2100 Schedule 340
NEW NCE FM Station
ROSS BIBLE CHURCH
Kinde MI

All Purpose Technical Exhibit

Eligibility

The applicant was previously granted a license BLED- 19940223KH which has already established the Educational Objectives of the applicant herein

First Aural Service

The application proposes first aural service to the community of license. See attached narrative

Equity and Financial Interests – Other Authorizations

The applicant is the current licensee of
WNFR (FM) Sandusky MI FACID 57704
WNFA (FM) Port Huron MI FACID 57705

Fair Distribution of Service

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There is no new first noncommercial service created as a result of this proposal.
There is no new second noncommercial service created which has a population of 2,000 persons or more and is not over water.

Point System Factors / Tiebreakers

The applicant seeks Distribution of Service point consideration based on non-overlap of the proposed facility with any other authorization. See attached map demonstrating compliance.

Technical Certifications:

Site Assurance for the application is based permission from American Tower, LLC, owner of the tower. Danielle Poirier, authorized representative, 781) 926-4633

Overlap

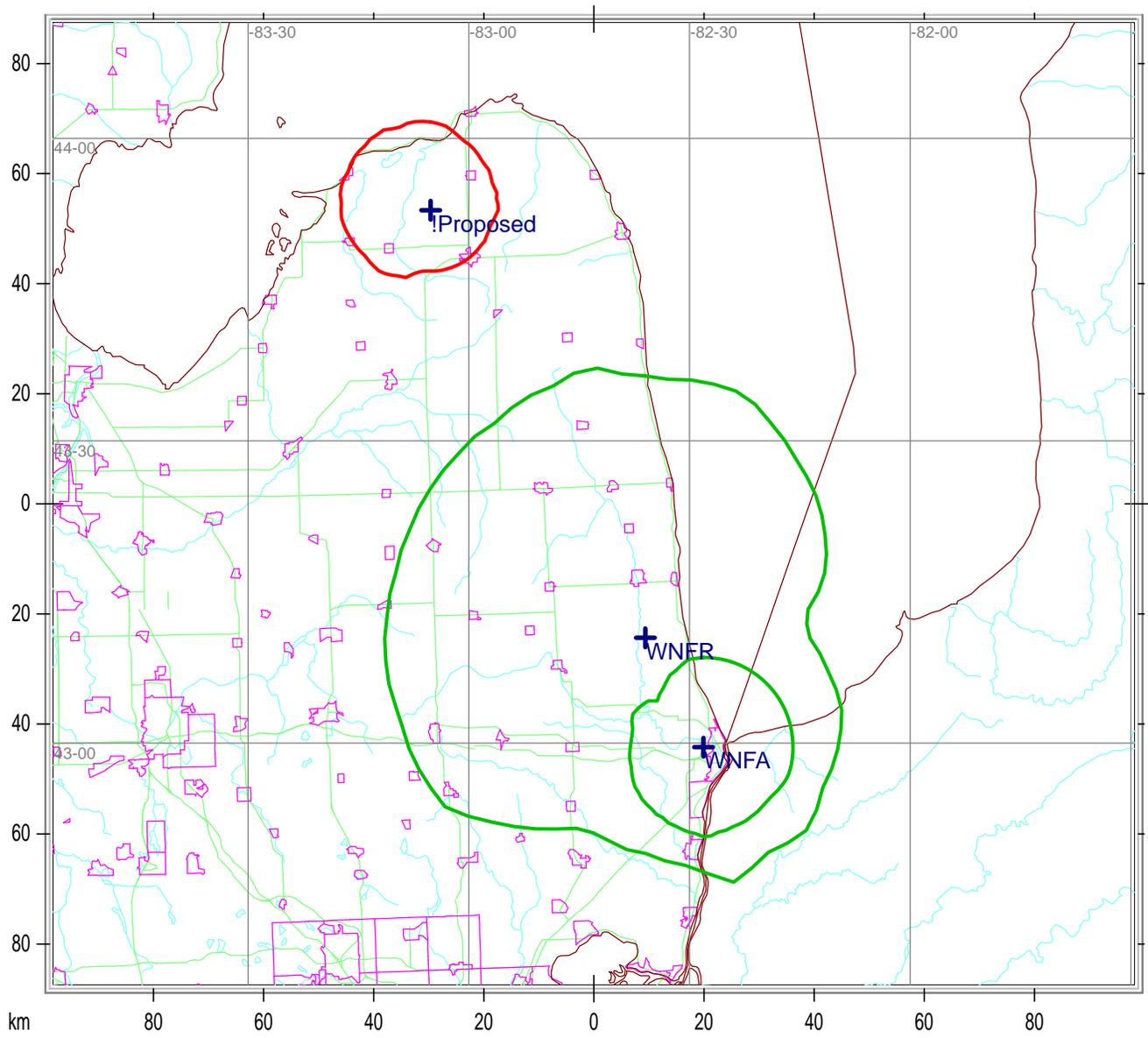
The attached map of contours is an accurate depiction of the facility landscape and demonstrates that the proposed facility meets all contour protection requirements. The map utilizes FCC 30 Second Terrain for contour calculations.

First Aural Service Exhibit

The community of license noted herein is eligible to be claimed as first aural service in this application under the Commission's allotment priorities, this application proposal triggers Priority Three, first local service. There are no other AM or FM full service stations which list the community as the authorized community of license.

The community is listed in the 2010 U.S. Census, which qualifies it as a community for allotment purposes. The 60dBu (50,50) community contour of the proposed facility herein does not provide significant coverage over any urbanized area as defined by the US Census Bureau. Therefore, this relocation does not implicate the Commission's *Tuck* policy regarding the migration of stations into urban areas.

Distribution of Service Map All Facilities of Applicant



- State Borders
- City Borders
- Highways
- Water Features
- Lat/Lon Grid



November 4, 2021
Ross Bible Church
Jim Turvaville
Radio Engineer

Re: American Tower Site # 50317, Indio, FCC #1207991

Dear Mr. Turvaville,

American Tower Corporation, owner of the above referenced tower, hereby grants Ross Bible Church permission to represent in any applications filed with the Federal Communications Commission ("FCC") that the company has reasonable assurance from American Tower that it will enter into good faith lease negotiations for tower and transmission equipment space on the Kinde MI location. Final consideration shall be contingent upon submitting a completed site application, receiving credit approval from American Tower and conducting a full structural analysis and shared interference study.

Once you receive a valid construction permit, please contact Danielle Poirier, Manager Inside Sales at danielle.poirier@americantower.com or (781) 926-4633 to submit an application and receive a lease quote. We look forward to working with you on the build out of your station in Kinde MI.

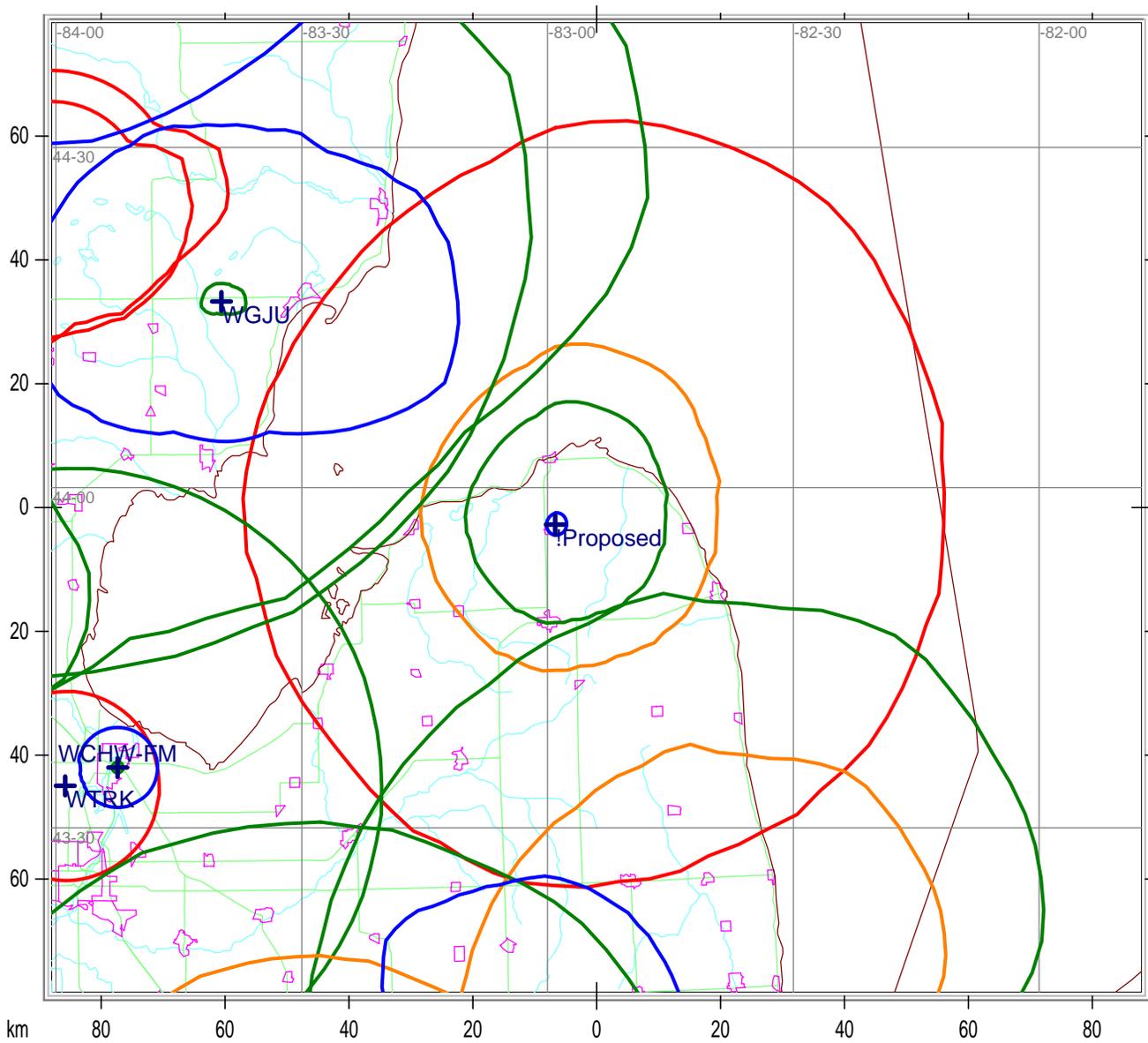
Thank you for your interest in American Tower.

Regards,

A handwritten signature in black ink, appearing to read 'Danielle Poirier', with a large, stylized flourish at the end.

Danielle Poirier
Manager Inside Sales
Woburn, MA
(781) 926-4633
Danielle.poirier@americantower.com

Map of Interfering Contours



Proposed Facility:

Blue - 100dBu(50,10)

Green - 60dBu(50,50)

Orange - 54dBu(50,10)

Red - 40dBu (50,10)

— Lat/Lon Grid

Other Facilities

Co-Channel

Red - 60dBu (50,50) Green - 40dBu (50,10)

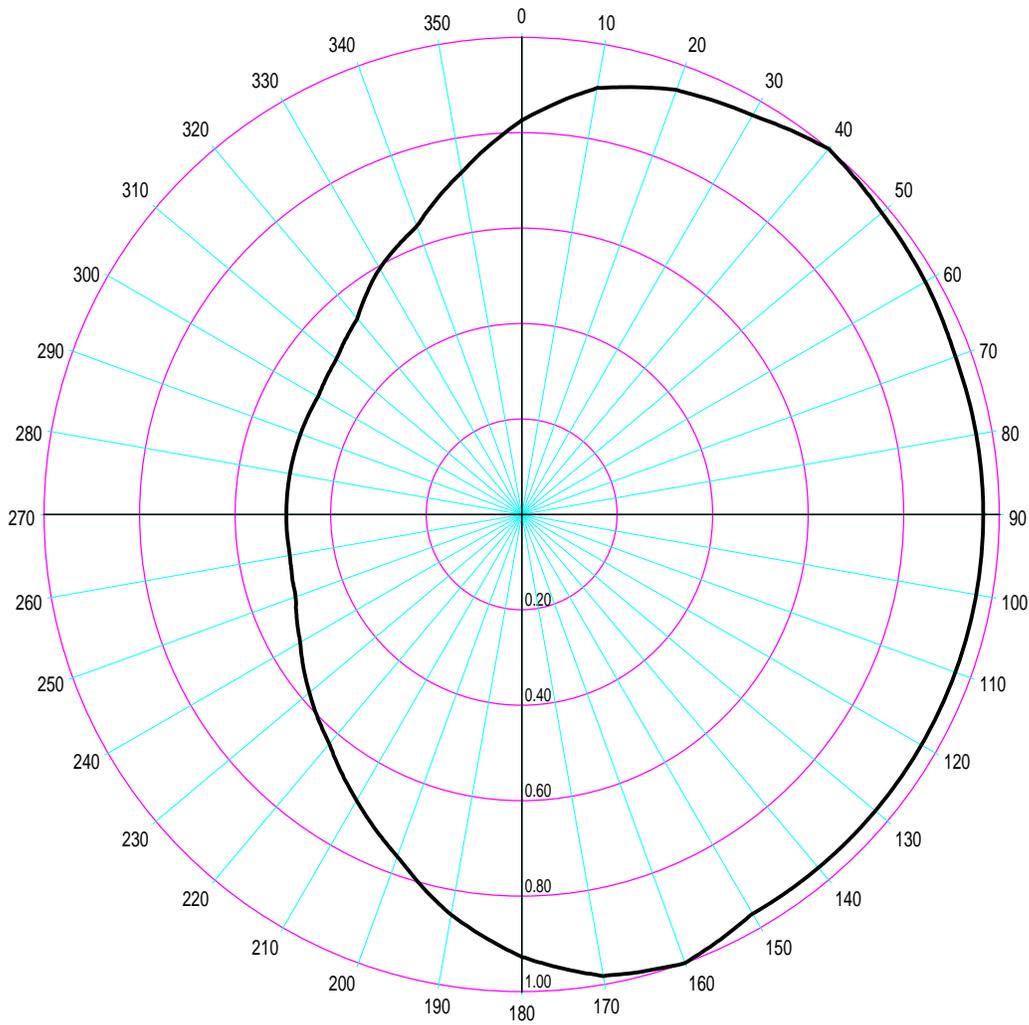
First Adjacent

Orange - 60dBu (50,50) Green - 54dBu (50,10)

Second/Third Adjacent

Blue - 60dBu (50,50) Green - 100dBu (50,10)

I.F. Separation - Brown



Azim	Rel.FS ERP [kW]		dBk
0.0	0.826	1.706	2.319
5.0	0.867	1.879	2.740
10.0	0.908	2.061	3.141
15.0	0.927	2.148	3.321
20.0	0.947	2.242	3.506
25.0	0.956	2.285	3.589
30.0	0.966	2.333	3.679
35.0	0.983	2.416	3.830
40.0	1.000	2.500	3.979
45.0	0.992	2.460	3.910
50.0	0.984	2.421	3.839
55.0	0.980	2.401	3.804
60.0	0.976	2.381	3.768
65.0	0.971	2.357	3.724
70.0	0.966	2.333	3.679
75.0	0.966	2.333	3.679
80.0	0.966	2.333	3.679
85.0	0.966	2.333	3.679

Azim	Rel.FS ERP [kW]		dBk
90.0	0.966	2.333	3.679
95.0	0.966	2.333	3.679
100.0	0.966	2.333	3.679
105.0	0.966	2.333	3.679
110.0	0.966	2.333	3.679
115.0	0.966	2.333	3.679
120.0	0.966	2.333	3.679
125.0	0.966	2.333	3.679
130.0	0.966	2.333	3.679
135.0	0.966	2.333	3.679
140.0	0.966	2.333	3.679
145.0	0.966	2.333	3.679
150.0	0.966	2.333	3.679
155.0	0.983	2.416	3.830
160.0	1.000	2.500	3.979
165.0	0.991	2.455	3.901
170.0	0.982	2.411	3.822
175.0	0.954	2.275	3.570

Azim	Rel.FS ERP [kW]		dBk
180.0	0.927	2.148	3.321
185.0	0.889	1.976	2.957
190.0	0.852	1.815	2.588
195.0	0.807	1.628	2.117
200.0	0.762	1.452	1.618
205.0	0.727	1.321	1.210
210.0	0.692	1.197	0.782
215.0	0.659	1.086	0.357
220.0	0.627	0.983	-0.075
225.0	0.604	0.912	-0.400
230.0	0.581	0.844	-0.737
235.0	0.558	0.778	-1.088
240.0	0.536	0.718	-1.437
245.0	0.520	0.676	-1.701
250.0	0.504	0.635	-1.972
255.0	0.498	0.620	-2.076
260.0	0.493	0.608	-2.164
265.0	0.493	0.608	-2.164

Azim	Rel.FS ERP [kW]		dBk
270.0	0.493	0.608	-2.164
275.0	0.493	0.608	-2.164
280.0	0.493	0.608	-2.164
285.0	0.493	0.608	-2.164
290.0	0.493	0.608	-2.164
295.0	0.493	0.608	-2.164
300.0	0.493	0.608	-2.164
305.0	0.500	0.625	-2.041
310.0	0.507	0.643	-1.920
315.0	0.521	0.679	-1.684
320.0	0.536	0.718	-1.437
325.0	0.566	0.801	-0.964
330.0	0.596	0.888	-0.516
335.0	0.619	0.958	-0.187
340.0	0.643	1.034	0.144
345.0	0.685	1.173	0.693
350.0	0.728	1.325	1.222
355.0	0.777	1.509	1.788