EXHIBIT E
TECHNICAL CERTIFICATIONS
AMENDED PROPOSED MINOR CHANGE TO LICENSED LPFM STATION
WNJI-LP, MAPLEWOOD (was Kearney), NJ
Gospel Light Prayer Church Inc.

SUMMARY:

Gospel Light Prayer Church Inc. (GLPC) seeks a minor change to WNJI-LP, changing the location and community of license. This station is licensed as a time share with WZYE-LP, Maplewood, NJ (FID: 195683). Currently the two stations are using separate transmitter sites, 5.17km apart. GLPC proposes to share the existing licensed facilities of WZYE-LP, for cost savings and improved service.

Changes are also being sought to the hours in the Time Share Agreement. See separate Time Share exhibit.

COMMUNITY BASED CRITERIA:

GLPC will continue to qualify as a "local" licensee at the proposed site.

Headquarters:	40:43:41.9N, 74:14:46.9W	(211 Laurel Ave, Maplewood, NJ)
Prop. Shared Transmitter:	40:45:40.8N, 74:13:20.1W	
Distance:	4.195km/2.61mi	

SILENT STA:

WNJI-LP is currently on a Silent STA (BLSTA-20210831AAI), which expires on May 4, 2022. With quick approval, GLPC hopes to avoid having to extend the STA, and quickly resume operation at the shared WZYE-LP site.

FAA ISSUES:

The tower structure extends 4.6m (15ft) above the uppermost roof of a pre-existing building. This proposal therefore is exempt from FAA scrutiny under §77.15, the "20 foot rule". See attached **Exhibit E-2.**.

TECHNICAL MATTERS:

GLPC proposes that WNJI-LP shares the current licensed transmitter and antenna system of WZYE-LP. New, more precise specifications based on actual tape-measurements and Google-Earth data have been completed. The specifications proposed herein differ *slightly* from those currently licensed to WZYE-LP. Small corrections to the coordinates, antenna height, HAAT, and ERP are proposed, to comport to the actual installed WZYE-LP facility. The coordinate correction is 0.5 seconds in latitude, and 0.6 seconds in longitude.

Once this WNJI-LP application is approved, a separate Schedule 318 application will be filed to make these same minor corrections to WZYE-LP.

GLPC also requests a change in the Community of License, to Maplewood, NJ. This comports with the Community of License of WZYE-LP, and also the community which contains the GLPC headquarters.

There is a slight grandfathered short-spacing to W240EE, Dover, NJ, which occurred after WZYE-LP was licensed. To the extent that it might be required, GLPC requests a waiver of spacing to W240EE.

WNJI-LP Move to WZYE-LP Site
Gospel Light Prayer Church In

REFERENCE — DISPLAY DATES
40 45 40.80 N. — CLASS = L1 — DATA 03-19-22
74 13 20.10 W. — Current Spacings to 3rd Adj. — SEARCH 03-29-22

Channel 240 - 95.9 MHz

Call		Channel	Location		Azi	Dist	FCC	Margin
WPLJ	LIC	238B	New York	NY	94.0	20.02	66.5	-46.5
WXNY-FM	LIC	242B	New York	NY	94.0	20.02	66.5	-46.5
WZYE-LP	LIC	240L1	Maplewood	NJ	137.7	0.02	23.5	-23.5*
WNJI-LP	LIC	240L1	Kearney	NJ	65.7	5.18	23.5	-18.3*
W240EE	LIC-D	240D	Dover	NJ	293.5	26.55	31.5	-5.0**
WRAT	LIC	240A	Point Pleasant	NJ	165.9	67.59	66.5	1.1
W240CY	LIC-D	240D	Mt Bethel	NJ	236.9	28.41	25.5	2.9
WYNE-LP	LIC	240L1	Wayne	NJ	349.5	26.56	23.5	3.1
WCTO	LIC	241B	Easton	PA	260.2	102.82	96.5	6.3
WCTO	CP	241B	Easton	PA	260.2	102.86	96.5	6.4
WFOX	LIC	240A	Southport	CT	59.0	77.12	66.5	10.6
WBEN-FM	LIC	239B	Philadelphia	PA	227.3	117.65	96.5	21.2
W240DF	LIC-D	240D	Freeport	NY	103.1	56.01	31.5	24.5

All separation margins include rounding
*INTERFERENCE PROTECTION PROVIDED BY THE RATIO METHOD
GRANDFATHERED SHORT SPACING TO THE WZYE-LP SITE

SECOND ADJACENT INTERFERENCE TO POPULATED AREAS:

A waiver of §73.807(a)(1) spacings is hereby requested with respect to two 2nd-adjacent stations, under the provisions of §73.807(e)(1). Protection to WPLJ, New York, NY, and WXNY-FM, New York, NY, is provided using the ratio method. The F(50/50) contour of WPLJ is 79.0dBu at the proposed site. The F(50/50) contour of WXNY-FM is 78.7dBu at the proposed site. The "worst-case" interfering contour is therefore 118.7dBu.

The 2-bay 3/4-wave-spaced Bext TFC-2k antenna is mounted on a tower attached to the side of a large uninhabited equipment penthouse, which is atop a multi-story commercial building. The center of radiation is 12m above the highest populated surface - the uppermost floor. See **Exhibits E-1, E-2, and E-3.** The cells shaded in cyan in **Exhibit E-1** are at shallow depression angles that cannot intersect with building occupants below. At steeper depression angles that could potentially intersect with occupants (equal or great than 25degrees), the interfering contour does not reach the upper floor. These cells are shaded in green. All areas of predicted interference are "over the heads" of all building occupants, and all other populated areas.

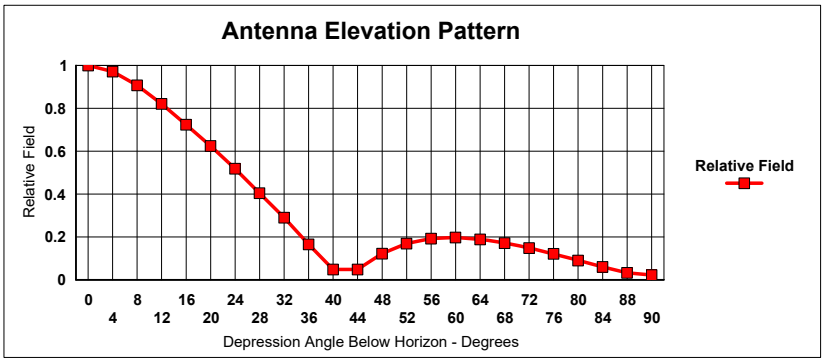
EXHIBIT E-1
WNJI-LP PROPOSED CO-LOCATION WITH WZYE-LP
2nd ADJACENT INTERFERENCE PROTECTION TO POPULATED AREAS

'>>CYAN SHADED CELLS CANNOT INTERSECT WITH BUILDING OCCUPANTS BELOW<<

'>>GREEN SHADED CELLS ARE AT ANGLES THAT CAN INTERSECT WITH BUILDING OCCUPANTS <<

COMMUNITY OF LICENSE	MAPLEWOOD
INTERFERING CONTOUR OF PROPOSAL - dBu	118.70
INTERFERING CONTOUR OF PROPOSAL - <V/m	0.8610
2nd-ADJ STN REQUIRING INTERFERENCE PROT. (worst case)	WXNY-FM, New York
PROP. ERP (W)	48
ANTENNA MODEL	BEXT TFC2k 2-bay 0.75 wave spaced
NOTES	TOWER ON BUILDING

Depression Angle Below Horizon (dg)	Relative Field	ERP (W)	Angular Dist. to IX Contour (m)	Vertical Dist. to IX (below antenna)(m)	Horiz Dist. to IX Contour (m)	Vertical Dist Below Antenna to Uppermost Populated Area (m)	Clearance of IX Above Populated Areas (m)
0	1	48.00	56.41	0.0	56.4	12	12.0
4	0.972	45.35	54.83	3.8	54.7	12	8.2
8	0.908	39.57	51.22	7.1	50.7	12	4.9
12	0.821	32.35	46.31	9.6	45.3	12	2.4
16	0.724	25.16	40.84	11.3	39.3	12	0.7
20	0.625	18.75	35.25	12.1	33.1	12	-0.1
24	0.519	12.93	29.28	11.9	26.7	12	0.1
28	0.405	7.87	22.85	10.7	20.2	12	**1.3**
32	0.291	4.06	16.41	8.7	13.9	12	**3.3**
36	0.166	1.32	9.36	5.5	7.6	12	**6.5**
40	0.049	0.12	2.76	1.8	2.1	12	**10.2**
44	0.049	0.12	2.76	1.9	2.0	12	**10.1**
48	0.123	0.73	6.94	5.2	4.6	12	**6.8**
52	0.17	1.39	9.59	7.6	5.9	12	**4.4**
56	0.193	1.79	10.89	9.0	6.1	12	**3.0**
60	0.198	1.88	11.17	9.7	5.6	12	**2.3**
64	0.189	1.71	10.66	9.6	4.7	12	**2.4**
68	0.172	1.42	9.70	9.0	3.6	12	**3.0**
72	0.149	1.07	8.40	8.0	2.6	12	**4.0**
76	0.122	0.71	6.88	6.7	1.7	12	**5.3**
80	0.091	0.40	5.13	5.1	0.9	12	**6.9**
84	0.061	0.18	3.44	3.4	0.4	12	**8.6**
88	0.033	0.05	1.86	1.9	0.1	12	**10.1**
90	0.023	0.00	0.00	0.0	0.0	12	**12.0**



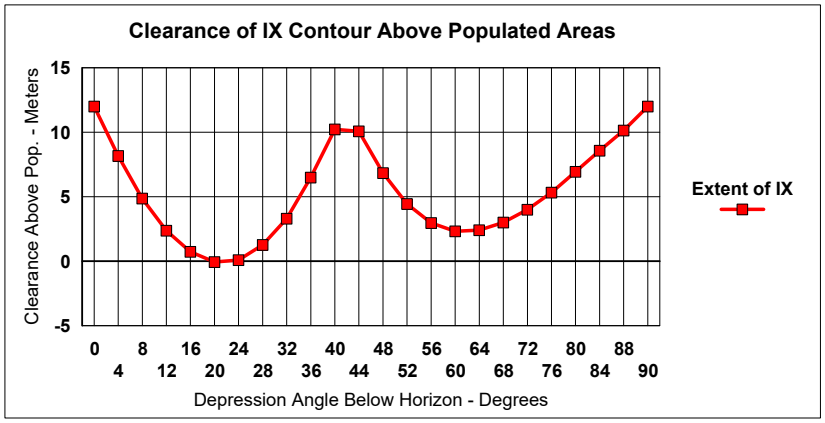
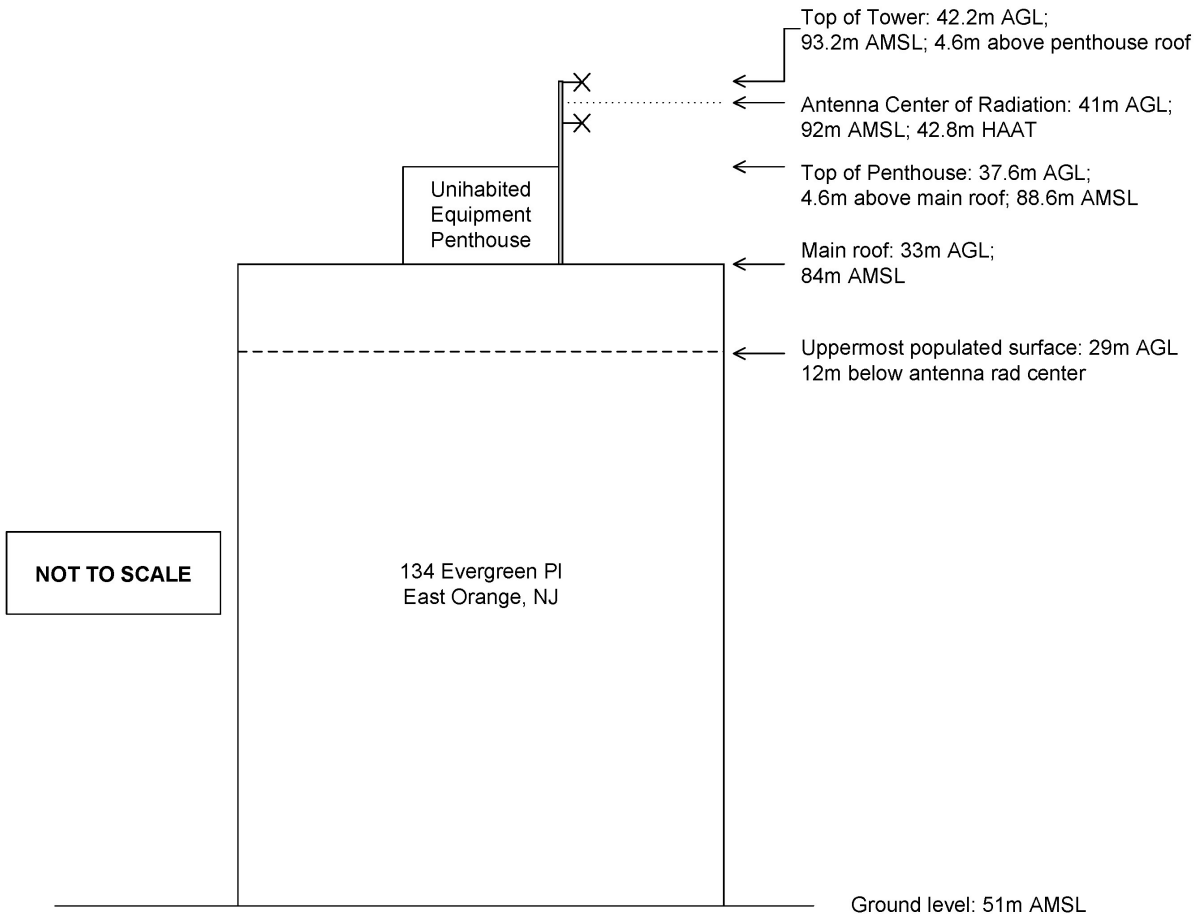


EXHIBIT E-2
ANTENNA STRUCTURE DRAWING



BROWN BROADCAST SERVICES
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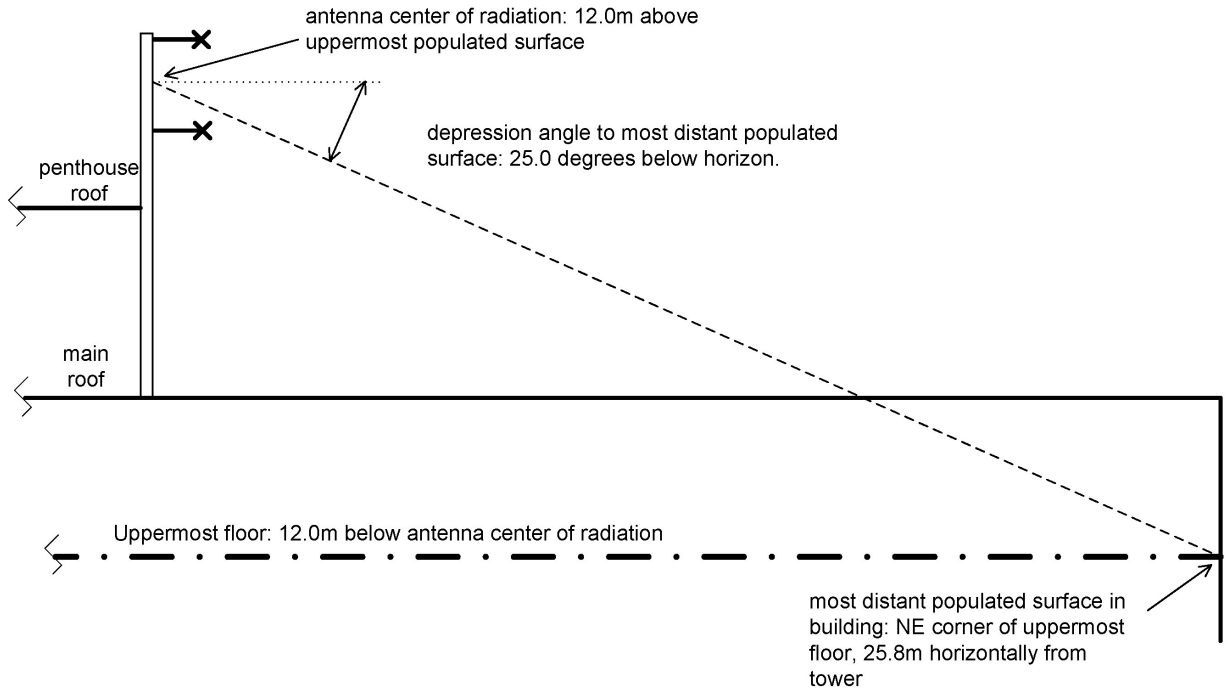
EXHIBIT E-3
ANTENNA GEOMETRY

Elevations that are at depression angles above 25 degrees, do not intersect any portion of the uppermost populated surface - the top floor of the building.



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