Approved by OMB (Office of Management and Budget) 3060-0386
July 2002

Federal Communications Commission

(REFERENCE COPY - Not for submission)

LPTV Experimental STA Application

File Number: **0000237205** | Submit Date: **01/29/2024** | Call Sign: **WYJH-LD** | Facility ID: **31642** | FRN: **0028887818**
State: **New York** | City: **WHITE LAKE**
Service: **LPD** | Purpose: **Experimental STA** | Status: **Superceded** | Status Date: **02/15/2024** | Filing Status: **InActive**

General Information

Section	Question	Response

Fees, Waivers, and Exemptions

Section	Question	Response
Fees	Is the applicant exempt from FCC application Fees?	No
	Indicate reason for fee exemption:	
Waivers	Does this filing request a waiver of the Commission's rule(s)?	No
	Total number of rule sections involved in this waiver request:	

Application Type	Fee Code	Fee Amount
Experimental STA	MGL	$300.00
	Total	**$300.00**

Applicant Information

Applicant Name, Type, and Contact Information

Applicant	Address	Phone	Email	Applicant Type
EGOT MEDIA, LLC	Frank Copsidas 500 Summer Street #502 Stamford, CT 06901 United States	+1 (917) 817-3010	sf@intriguetv.com	Limited Liability Company

Contact Representatives (2)

Contact Name	Address	Phone	Email	Contact Type
Clarence M Beverage *Broadcast Engineering Consultant* COMMUNICATIONS TECHNOLOGIES	23 Binsted Drive Medford, NJ 08055 United States	+1 (609) 451-5296	cbeverage@commtechrf.com	Technical Representative
Mark Denbo *Counsel* Smithwick & Belendiuk, P.C.	Mark Denbo 5028 Wisconsin Avenue, N.W. Suite 301 Washington, DC 20016 United States	+1 (202) 350-9656	mdenbo@fccworld.com	Legal Representative

Channel and Facility Information

Section	Question	Response
Facility ID	31642	
State	New York	
City	WHITE LAKE	
LPD Channel	27	

Antenna Location Data

Section	Question	Response
Antenna Structure Registration	Do you have an FCC Antenna Structure Registration (ASR) Number?	Yes
	ASR Number	1045933
Coordinates (NAD83)	Latitude	41° 29' 36.7" N+
	Longitude	073° 25' 43.9" W-
	Structure Type	GTOWER-Guyed Structure Used for Communication Purposes
	Overall Structure Height	152.1 meters
	Support Structure Height	151.2 meters
	Ground Elevation (AMSL)	218.5 meters
Antenna Data	Height of Radiation Center Above Ground Level	138.2 meters
	Height of Radiation Center Above Mean Sea Level	356.7 meters
	Effective Radiated Power	15 kW

Antenna Technical Data

Section	Question	Response
Antenna Type	Antenna Type	Directional Custom
	Do you have an Antenna ID?	Yes
	Antenna ID	1010891
Antenna Manufacturer and Model	Manufacturer:	ATC
	Model	BCE310C1W-V4-27
	Rotation	0 degrees
	Electrical Beam Tilt	0.75
	Mechanical Beam Tilt	Not Applicable
	toward azimuth	
	Polarization	Elliptical
Elevation Radiation Pattern	Does the proposed antenna propose elevation radiation patterns that vary with azimuth for reasons other than the use of mechanical beam tilt?	Yes
	Uploaded file for elevation antenna (or radiation) pattern data	ATC_BC_10_WYJH-LD_ELEVATION_PATTERN.xml
	Out-of-Channel Emission Mask:	Full Service

Directional Antenna Relative Field Values (Pre-rotated Pattern)

Degree	Value	Degree	Value	Degree	Value	Degree	Value
0	1.0	**90**	1.0	**180**	0.23	**270**	0.703
10	1.0	**100**	1.0	**190**	0.146	**280**	0.815
20	1.0	**110**	1.0	**200**	0.155	**290**	1.0
30	1.0	**120**	1.0	**210**	0.155	**300**	1.0
40	1.0	**130**	0.957	**220**	0.189	**310**	1.0
50	1.0	**140**	0.808	**230**	0.25	**320**	1.0
60	1.0	**150**	0.68	**240**	0.318	**330**	1.0
70	1.0	**160**	0.51	**250**	0.447	**340**	1.0
80	1.0	**170**	0.335	**260**	0.559	**350**	1.0

Additional Azimuths

Degree	V_A

Certification

Section	Question	Response
General Certification Statements	The Applicant waives any claim to the use of any particular frequency or of the electromagnetic spectrum as against the regulatory power of the United States because of the previous use of the same, whether by authorization or otherwise, and requests an Authorization in accordance with this application (See Section 304 of the Communications Act of 1934, as amended.).	
	The Applicant certifies that neither the Applicant nor any other party to the application is subject to a denial of Federal benefits pursuant to §5301 of the Anti-Drug Abuse Act of 1988, 21 U.S.C. §862, because of a conviction for possession or distribution of a controlled substance. This certification does not apply to applications filed in services exempted under §1.2002(c) of the rules, 47 CFR . See §1. 2002(b) of the rules, 47 CFR §1.2002(b), for the definition of "party to the application" as used in this certification §1.2002 (c). The Applicant certifies that all statements made in this application and in the exhibits, attachments, or documents incorporated by reference are material, are part of this application, and are true, complete, correct, and made in good faith.	
Authorized Party to Sign	**FAILURE TO SIGN THIS APPLICATION MAY RESULT IN DISMISSAL OF THE APPLICATION AND FORFEITURE OF ANY FEES PAID** Upon grant of this application, the Authorization Holder may be subject to certain construction or coverage requirements. Failure to meet the construction or coverage requirements will result in automatic cancellation of the Authorization. Consult appropriate FCC regulations to determine the construction or coverage requirements that apply to the type of Authorization requested in this application. WILLFUL FALSE STATEMENTS MADE ON THIS FORM OR ANY ATTACHMENTS ARE PUNISHABLE BY FINE AND /OR IMPRISONMENT (U.S. Code, Title 18, §1001) AND/OR REVOCATION OF ANY STATION AUTHORIZATION (U.S. Code, Title 47, §312(a)(1)), AND/OR FORFEITURE (U.S. Code, Title 47, §503).	
	I certify that this application includes all required and relevant attachments.	Yes
	I declare, under penalty of perjury, that I am an authorized representative of the above-named applicant for the Authorization(s) specified above.	**Frank Copsidas** *Managing Member* 01/29/2024

Attachments

File Name	Uploaded By	Attachment Type	Description
5G BROADCAST PART 1 - 5 G BROADCAST TRIALS & LAUNCHES - FROM THE BROADCAST BRIDGE.pdf	Applicant	General Information	5G Broadcast Part 1 - The Bridge
5G BROADCAST PART 2 - 5 G BROADCAST TRIALS & LAUNCHES - FROM THE BROADCAST BRIDGE.pdf	Applicant	General Information	5G BROADCAST - PART 2 - The Bridge
5G BROADCAST PART 3 - 5 G BROADCAST TRIALS & LAUNCHES - FROM THE BROADCAST BRIDGE.pdf	Applicant	General Information	5G Broadcast Part 3 - The Bridge
Experimental 5G Broadcasting - POC2.pdf	Applicant	General Information	Experimental 5G Broadcasting - POC2
IBC 5g broadcast receivers optimizing performance under implementation constraints_822058.pdf	Applicant	General Information	IBC 2023 5G Broadcast Receivers: Optimization
IBC dvbi service delivery over 5g systems_971865.pdf	Applicant	General Information	IBC 2023 5G Broadcast DVB-I Service Delivery
TV TECHNOLOGY 09082023 DOUG LUNG COMPARISON OF ASTC 3.0 AND 5G.pdf	Applicant	General Information	TV Technology Doug Lung ATSC 3.0 and 5 G Discussed
WYJH-LD 5G EXPERIMENTAL APPLICATION ENGINEERING NARRATIVE 01272024.pdf	Applicant	General Information	WYJH-LD ENGINEERING NARRATIVE 01272024
WYJH-LD - Request for Experimental STA - 1-29-24.pdf	Applicant	General Information	Request for Experimental STA
ATC_BC_10_WYJH-LD_ELEVATION_PATTERN.xml	Applicant	Elevation Pattern	