



(REFERENCE COPY - Not for submission)

Amendment to a LPTV Experimental STA Application

File Number: 0000216484 | Submit Date: 07/07/2023 | Call Sign: WWOO-LD | Facility ID: 186685 | FRN: 0022029409 |

State: New Hampshire | City: WESTMORELAND

Service: LPD | Purpose: Experimental STA Amendment | Status: Granted | Status Date: 07/14/2023 | Expiration Date: 01/16/2024 | Filing Status: Active

General Information

Section	Question	Response
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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:	

Applicant  
Information

Applicant Name, Type, and Contact Information

Applicant	Address	Phone	Email	Applicant Type
Milachi Media, LLC	William Christian 482 Harbor Drive North Indian Rocks Beach, FL 33785 United States	+1 (607) 738-5623	bill3christian@gmail.com	Limited Liability Company

Contact  
Representatives  
(2)

Contact Name	Address	Phone	Email	Contact Type
<b>Clarence M Beverage</b> <i>Broadcast Engineering Consultant</i> Communications Technologies	23 Binsted Drive Medford, NJ 08055-9561 United States	+1 (609) 451-5296	cbeverage@commtechrf.com	Technical Representative
<b>Mark Denbo</b> <i>Counsel</i> Smithwick & Belendiuk, P. C.	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	186685	
State	New Hampshire	
City	WESTMORELAND	
LPD Channel	28	

Antenna Location Data

Section	Question	Response
Antenna Structure Registration	Do you have an FCC Antenna Structure Registration (ASR) Number?	Yes
	ASR Number	1031648
Coordinates (NAD83)	Latitude	42° 21' 31.0" N+
	Longitude	071° 03' 39.0" W-
	Structure Type	BANT-Building with antenna on top
	Overall Structure Height	191.7 meters
	Support Structure Height	175.5 meters
	Ground Elevation (AMSL)	18.8 meters
Antenna Data	Height of Radiation Center Above Ground Level	172.5 meters
	Height of Radiation Center Above Mean Sea Level	191.3 meters
	Effective Radiated Power	15.0 kW

Antenna  
Technical Data

Section	Question	Response
Antenna Type	Antenna Type	Directional Custom
	Do you have an Antenna ID?	No
	Antenna ID	1010860
Antenna Manufacturer and Model	Manufacturer:	DIE
	Model	DLP-B-8
	Rotation	0.0 degrees
	Electrical Beam Tilt	Not Applicable
	Mechanical Beam Tilt	Not Applicable
	toward azimuth	
	Polarization	Horizontal
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?	No
	Uploaded file for elevation antenna (or radiation) pattern data	
	Out-of-Channel Emission Mask:	Full Service

Directional Antenna Relative Field Values (Pre-rotated Pattern)

Degree	Value	Degree	Value	Degree	Value	Degree	Value
0	0.98	90	0.63	180	0.68	270	0.78
10	0.95	100	0.63	190	0.66	280	0.83
20	0.92	110	0.63	200	0.65	290	0.88
30	0.88	120	0.65	210	0.63	300	0.92
40	0.83	130	0.66	220	0.63	310	0.95
50	0.78	140	0.68	230	0.63	320	0.98
60	0.73	150	0.69	240	0.65	330	0.99
70	0.69	160	0.69	250	0.69	340	1.00
80	0.65	170	0.69	260	0.73	350	0.99

Additional Azimuths

Degree	V <sub>A</sub>
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## 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	<b>FAILURE TO SIGN THIS APPLICATION MAY RESULT IN DISMISSAL OF THE APPLICATION AND FORFEITURE OF ANY FEES PAID</b> 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.	<b>William Christian</b> <i>President</i>  07/07/2023

Attachments

File Name	Uploaded By	Attachment Type	Description
<u>Rohde Download</u> <u>IEEE Broadcast Technology 5g Broadcast.pdf</u>	Applicant	General Information	IEEE BROADCAST TECHNOLOGY SOCIETY 5G BROADCAST PAPER
<u>Rohde-Schwarz 5G-Broadcast-Multicast bro 3609 6135 92 v0100.pdf</u>	Applicant	General Information	Rohde & Schwarz 5G Multicast Documentation
<u>WWOO-LD 5G EXPERIMENTAL APPLICATION ENGINEERING AND ENVIRONMENTAL NARRATIVE 06082023.pdf</u>	Applicant	All Purpose	ENGINEERING AND ENVIRONMENTAL NARRATIVE
<u>WWOO-LD - Amendment to Request for Experimental STA.pdf</u>	Applicant	Amendment	WWOO-LD - Amendment to Request for Experimental STA
<u>WWOO-LD - Request for Experimental STA - 6 9 23.pdf</u>	Applicant	General Information	Narrative Statement for Experimental STA