



(REFERENCE COPY - Not for submission)

DTS Engineering STA Application

File Number: **0000194348** | Submit Date: **07/01/2022** | Call Sign: **WGBP-TV** | Facility ID: **11113** | FRN: **0001751940**
 State: **Alabama** | City: **OPELIKA**
 Service: **DTS** | Purpose: **Engineering STA** | Status: **Granted** | Status Date: **07/07/2022** | Expiration Date: **01/06/2023**
 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:	

Application Type	Fee Code	Fee Amount
Engineering STA	MPV	\$270.00
Total		\$270.00

**Applicant
Information**

Applicant Name, Type, and Contact Information

Applicant	Address	Phone	Email	Applicant Type
CNZ COMMUNICATIONS SE, LLC	Randy E. Nonberg 15200 Sunset Blvd Suite 202 Pacific Palisades, CA 90272 United States	+1 (310) 573- 1600	randynonberg@cnzcommunications. com	Limited Liability Company

Authorization Holder Name

Check box if the Authorization Holder name is being updated because of the sale (or transfer of control) of the Authorization(s) to another party and for which proper Commission approval has not been received or proper notification provided.

**Contact
Representatives
(2)**

Contact Name	Address	Phone	Email	Contact Type
Greg Best <i>Consulting Engineer</i> Greg Best Consulting, Inc.	16100 Outlook Ave. Stilwell, KS 66085 United States	+1 (816) 792- 2913	GBCONSULTING54@GMAIL. COM	Technical Representative
Kathleen Kirby Wiley Rein LLP	2050 M Street, NW Washington, DC 20036 United States	+1 (202) 719- 3360	kkirby@wiley.law	Legal Representative

**Channel and
Facility
Information**

Section	Question	Response
Proposed Community of License	Facility ID	11113
	State	Alabama
	City	OPELIKA
	DTS Channel	17
	Designated Market Area	Atlanta
Facility Type	Facility Type	Commercial
	Station Type	Main
Zone	Zone	2

DTS Reference Point

Section	Question	Response
Construction Permit File Number and Facility ID	File Number for Current Authorized Service Area:	
	Facility ID	
Coordinates (NAD83)	Latitude	- -
	Longitude	- -

**Site 1: Antenna
Location Data**

Section	Question	Response
Antenna Structure Registration	Do you have an FCC Antenna Structure Registration (ASR) Number?	Yes
	ASR Number	1243417
Coordinates (NAD83)	Latitude	32° 19' 16.4" N+
	Longitude	084° 47' 28.2" W-
	Structure Type	GTOWER-Guyed Structure Used for Communication Purposes
	Overall Structure Height	538.2 meters
	Support Structure Height	500.7 meters
	Ground Elevation (AMSL)	147.2 meters
Antenna Data	Height of Radiation Center Above Ground Level	508.8 meters
	Height of Radiation Center Above Average Terrain	537 meters
	Height of Radiation Center Above Mean Sea Level	656.0 meters
	Effective Radiated Power	550 kW

**Site 1: Antenna
Technical Data**

Section	Question	Response
Antenna Type	Antenna Type	Directional Custom
	Do you have an Antenna ID?	No
	Antenna ID	1007080
Antenna Manufacturer and Model	Manufacturer:	ERI
	Model	ATW19H4-ESCX-17H
	Electrical Beam Tilt	1
	Mechanical Beam Tilt	Not Applicable
	toward azimuth	
	Polarization	Elliptical
DTV and DTS: Elevation Pattern	Does the proposed antenna propose elevation radiation patterns that vary with azimuth for reasons other than the use of mechanical beam tilt?	
	Rotation	0 degrees
	Uploaded file for elevation antenna (or radiation) pattern data	

Directional Antenna Relative Field Values (Pre-rotated Pattern)

Degree	Value	Degree	Value	Degree	Value	Degree	Value
0	0.781	90	0.993	180	0.406	270	0.828
10	0.786	100	0.946	190	0.417	280	0.910
20	0.793	110	0.868	200	0.406	290	0.966
30	0.800	120	0.783	210	0.383	300	0.980
40	0.820	130	0.685	220	0.385	310	0.957
50	0.854	140	0.587	230	0.439	320	0.902
60	0.907	150	0.490	240	0.53	330	0.845
70	0.962	160	0.418	250	0.637	340	0.804
80	0.994	170	0.394	260	0.736	350	0.785

Additional Azimuths

Degree	V _A
84	1.0
216	.378

Site 2: Antenna Location Data

Section	Question	Response
Antenna Structure Registration	Do you have an FCC Antenna Structure Registration (ASR) Number?	Yes
	ASR Number	1018795
Coordinates (NAD83)	Latitude	32° 51' 06.8" N+
	Longitude	084° 42' 05.5" W-
	Structure Type	GTOWER-Guyed Structure Used for Communication Purposes
	Overall Structure Height	336.0 meters
	Support Structure Height	321.0 meters
	Ground Elevation (AMSL)	398.0 meters
Antenna Data	Height of Radiation Center Above Ground Level	259 meters
	Height of Radiation Center Above Average Terrain	424 meters
	Height of Radiation Center Above Mean Sea Level	657.0 meters
	Effective Radiated Power	200 kW

**Site 2: Antenna
Technical Data**

Section	Question	Response
Antenna Type	Antenna Type	Directional Custom
	Do you have an Antenna ID?	No
	Antenna ID	1009730
Antenna Manufacturer and Model	Manufacturer:	ERI
	Model	IC230ECW
	Electrical Beam Tilt	1.0
	Mechanical Beam Tilt	Not Applicable
	toward azimuth	
	Polarization	Horizontal
DTV and DTS: Elevation Pattern	Does the proposed antenna propose elevation radiation patterns that vary with azimuth for reasons other than the use of mechanical beam tilt?	
	Rotation	23 degrees
	Uploaded file for elevation antenna (or radiation) pattern data	

Directional Antenna Relative Field Values (Pre-rotated Pattern)

Degree	Value	Degree	Value	Degree	Value	Degree	Value
0	.86	90	.83	180	.11	270	.83
10	.83	100	.7	190	.1	280	.93
20	.8	110	.57	200	.12	290	.99
30	.8	120	.44	210	.24	300	.99
40	.86	130	.33	220	.24	310	.95
50	.95	140	.24	230	.33	320	.86
60	0.99	150	0.17	240	.44	330	.8
70	.99	160	.12	250	.57	340	.8
80	.93	170	.1	260	.7	350	.83

Additional Azimuths

Degree	V _A
64	1.0
296	1.0

Certification

Section	Question	Response
<p>General Certification Statements</p>	<p>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.).</p>	
	<p>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.</p>	
<p>Authorized Party to Sign</p>	<p>FAILURE TO SIGN THIS APPLICATION MAY RESULT IN DISMISSAL OF THE APPLICATION AND FORFEITURE OF ANY FEES PAID</p> <p>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.</p> <p>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).</p>	
	<p>I certify that this application includes all required and relevant attachments.</p>	<p>Yes</p>
	<p>I declare, under penalty of perjury, that I am an authorized representative of the above-named applicant for the Authorization(s) specified above.</p>	<p>Randy Nonberg <i>Manager</i></p> <p>07/01/2022</p>

Attachments

File Name	Uploaded By	Attachment Type	Description
<u>STA TECHNICAL EXHIBIT.pdf</u>	Applicant	All Purpose	This document describes the reason for the STA request and the proposed facility for it.
