



(REFERENCE COPY - Not for submission)

Digital Class A Engineering STA Application

File Number: **0000003750** | Submit Date: **07/08/2015** | Call Sign: **WHDN-CD** | Facility ID: **25538** | FRN: **0005010053**
 State: **Florida** | City: **NAPLES**
 Service: **DCA** | Purpose: **Engineering STA** | Status: **Dismissed** | Status Date: **07/31/2015** | 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
Engineering STA	MGT	\$190.00
Total		\$190.00

**Applicant
Information**

Applicant Name, Type, and Contact Information

Applicant	Address	Phone	Email	Applicant Type
Guenter Marksteiner Doing Business As: GUENTER MARKSTEINER	5244 SW ORCHID BAY DRIVE PALM CITY, FL 34990 United States	+1 (561) 983- 6300	MARKSTEINER@WHDT. NET	Individual

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
Lauren Lynch Flick PILLSBURY WINTHROP SHAW PITTMAN LLP	1200 Seventeenth Street, NW WASHINGTON, DC 20037 United States	+1 (202) 663-8413	Lauren.Lynch. Flick@PILLSBURYLAW.COM	Legal Representative
Michael D. Rhodes, P.E. <i>Consulting Engineer</i> Cavell, Mertz & Associates, inc.	7724 Donegan Dr. MANASSAS, VA 20109 United States	+1 (703) 392-9090	Mike.Rhodes@CavellMertz. com	Technical Representative

Channel and Facility Information

Section	Question	Response
Facility ID	25538	
State	Florida	
City	NAPLES	
DCA Channel	26	

Antenna Location Data

Section	Question	Response
Antenna Structure Registration	Do you have an FCC Antenna Structure Registration (ASR) Number?	No
	ASR Number	
Coordinates (NAD83)	Latitude	26° 12' 05.4" N+
	Longitude	081° 48' 50.0" W-
	Structure Type	BANT-Building with antenna on top
	Overall Structure Height	75 meters
	Support Structure Height	75 meters
	Ground Elevation (AMSL)	2 meters
Antenna Data	Height of Radiation Center Above Ground Level	69 meters
	Height of Radiation Center Above Mean Sea Level	71 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	109821
Antenna Manufacturer and Model	Manufacturer:	MIG
	Model	3-DIE-WYDT-CUSTOM
	Rotation	0 degrees
	Electrical Beam Tilt	Not Applicable
	Mechanical Beam Tilt	Not Applicable
	toward azimuth	
	Polarization	Circular
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:	Simple

Directional Antenna Relative Field Values (Pre-rotated Pattern)

Degree	Value	Degree	Value	Degree	Value	Degree	Value
0	1	90	0.963	180	0.982	270	0.176
10	0.95	100	0.894	190	0.938	280	0.148
20	0.851	110	0.769	200	0.836	290	0.135
30	0.802	120	0.728	210	0.688	300	0.212
40	0.819	130	0.789	220	0.518	310	0.359
50	0.766	140	0.791	230	0.333	320	0.516
60	0.705	150	0.766	240	0.195	330	0.684
70	0.786	160	0.841	250	0.153	340	0.869
80	0.932	170	0.958	260	0.186	350	0.977

Additional Azimuths

Degree	V _A
287	0.128
248	0.152
135	0.804

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>Guenter Marksteiner <i>Individual Licensee</i></p> <p>07/08/2015</p>

Attachments

File Name	Uploaded By	Attachment Type	Description
<u>WHDN Explanation of STA Reequst.pdf</u>	Applicant	General Information	Reason for STA