



(REFERENCE COPY - Not for submission)

Digital Class A Engineering STA Application

File Number: **BSTA-20131021AGV** | Submit Date: **10/21/2013** | Call Sign: **DWLPH-CD** | Facility ID: **9614** | FRN:
0023606957 | State: **Florida** | City: **MIAMI**

Service: **DCA** | Purpose: **Engineering STA** | Status: **Dismissed** | Status Date: **08/08/2017** | Filing Status: **InActive**

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)?	
	Total number of rule sections involved in this waiver request:	

Applicant
Information

Applicant Name, Type, and Contact Information

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

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
GUENTER MARKSTEINER <i>LICENSEE</i>	47 WINNACUNNET ROAD HAMPTON, NH 03824 United States	+1 (561) 983-6300	MARKSTEINER@WHDT.NET	Technical Representative
LAUREN LYNCH FLICK PILLSBURY WINTHROP SHAW PITTMAN LLP	2300 N STREET, NW WASHINGTON, DC 20037 United States	+1 (202) 663-8166	LAUREN.LYNCH. FLICK@PILLSBURYLAW.COM	Legal Representative

Channel and Facility Information

Section	Question	Response
Facility ID	9614	
State	Florida	
City	MIAMI	
DCA Channel	44	

Antenna Location Data

Section	Question	Response
Antenna Structure Registration	Do you have an FCC Antenna Structure Registration (ASR) Number?	Yes
	ASR Number	1027529
Coordinates (NAD83)	Latitude	25° 58' 16.0" N+
	Longitude	080° 12' 31.0" W-
	Structure Type	
	Overall Structure Height	318.2 meters
	Support Structure Height	
	Ground Elevation (AMSL)	1.5 meters
Antenna Data	Height of Radiation Center Above Ground Level	274.3 meters
	Height of Radiation Center Above Mean Sea Level	275.8 meters
	Effective Radiated Power	1.5 kW

Antenna
Technical Data

Section	Question	Response
Antenna Type	Antenna Type	Directional Custom
	Do you have an Antenna ID?	Yes
	Antenna ID	116773
Antenna Manufacturer and Model	Manufacturer:	SHI
	Model	2040-2/4 SPECIAL
	Rotation	
	Electrical Beam Tilt	Not Applicable
	Mechanical Beam Tilt	Not Applicable
	toward azimuth	
	Polarization	
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	0.527	180	1	270	0.527
10	0.954	100	0.447	190	0.954	280	0.447
20	0.884	110	0.37	200	0.884	290	0.37
30	0.875	120	0.511	210	0.875	300	0.511
40	0.853	130	0.721	220	0.853	310	0.721
50	0.721	140	0.853	230	0.721	320	0.853
60	0.511	150	0.875	240	0.511	330	0.875
70	0.37	160	0.884	250	0.37	340	0.884
80	0.447	170	0.954	260	0.447	350	0.954

Additional Azimuths

Degree	V _A
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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	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.	
	I declare, under penalty of perjury, that I am an authorized representative of the above-named applicant for the Authorization(s) specified above.	GUENTER MARKSTEINER 10/21/2013

Attachments

File Name	Uploaded By	Attachment Type	Description
<u>1580136_1147751.txt</u>	Applicant	All Purpose	EXHIBIT 45