



(REFERENCE COPY - Not for submission)

Digital Class A Experimental STA Application

File Number: 0000119555 | Submit Date: 07/31/2020 | Facility ID: 756188 | FRN: 0023832843 | State: California | City: NAPA

Service: DCA | Purpose: Experimental STA | Status: Dismissed | Status Date: 08/03/2020 | 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)?	No
	Total number of rule sections involved in this waiver request:	

Application Type	Fee Code	Fee Amount
Experimental STA	MGT	\$200.00
Total		\$200.00

Applicant  
Information

Applicant Name, Type, and Contact Information

Applicant	Address	Phone	Email	Applicant Type
<b>SKY EARTH NETWORK</b> Doing Business As: VO1 International	Kaylee Lynn Stein 1031 Franklin St FI 2 San Francisco, CA 94109 United States	+1 (415) 890- 5873	klsz2019@gmail. com	Government Entity

Contact  
Representatives  
(1)

Contact Name	Address	Phone	Email	Contact Type
KAYLEE Lynn STEIN <i>Dr</i> SKY EARTH NETWORK	Kaylee Lynn Stein 1031 Franklin St FI 2 San Francisco, CA 94109 United States	+1 (415) 890- 5873	klsz2019@gmail. com	Technical Representative

Channel and Facility Information

Section	Question	Response
Facility ID	756188	
State	California	
City	NAPA	
DCA Channel	47	

Antenna Location  
Data

Section	Question	Response
Antenna Structure Registration	Do you have an FCC Antenna Structure Registration (ASR) Number?	Yes
	ASR Number	1026403
Coordinates (NAD83)	Latitude	38° 15' 51.0" N+
	Longitude	122° 12' 58.0" W-
	Structure Type	TOWER-A free standing or guyed struct
	Overall Structure Height	36.0 meters
	Support Structure Height	36.0 meters
	Ground Elevation (AMSL)	507.0 meters
Antenna Data	Height of Radiation Center Above Ground Level	25.0 meters
	Height of Radiation Center Above Mean Sea Level	532.0 meters
	Effective Radiated Power	0.26 kW

Antenna  
Technical Data

Section	Question	Response
Antenna Type	Antenna Type	Directional Custom
	Do you have an Antenna ID?	Yes
	Antenna ID	1006534
Antenna Manufacturer and Model	Manufacturer:	Kathrein
	Model	75000000049
	Rotation	255 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:	Simple

Directional Antenna Relative Field Values (Pre-rotated Pattern)

Degree	Value	Degree	Value	Degree	Value	Degree	Value
0	1.000	90	0.041	180	0.062	270	0.041
10	0.958	100	0.017	190	0.055	280	0.088
20	0.842	110	0.036	200	0.050	290	0.152
30	0.683	120	0.061	210	0.061	300	0.242
40	0.515	130	0.074	220	0.074	310	0.365
50	0.365	140	0.073	230	0.074	320	0.515
60	0.242	150	0.061	240	0.061	330	0.683
70	0.152	160	0.050	250	0.036	340	0.843
80	0.086	170	0.055	260	0.018	350	0.958

Additional Azimuths

Degree	V <sub>A</sub>
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## Certification

Section	Question	Response
<b>General Certification Statements</b>	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.	
<b>Authorized Party to Sign</b>	<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>Kaylee Lynn Stein</b> <i>Dr</i>  07/31/2020

Attachments

File Name	Uploaded By	Attachment Type	Description
<u>Proposal1.pdf</u>	Applicant	General Information	location