



(REFERENCE COPY - Not for submission)

Digital Class A Engineering STA Application

File Number: 0000004789 | Submit Date: 10/05/2015 | Call Sign: WB EK-CD | Facility ID: 3369 | FRN: 0018223693 | State: Georgia | City: AUGUSTA

Service: DCA | Purpose: Engineering STA | Status: Granted | Status Date: 10/14/2015 | Expiration Date:

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
Engineering STA	MGT	\$190.00
Total		\$190.00

**Applicant
Information**

Applicant Name, Type, and Contact Information

Applicant	Address	Phone	Email	Applicant Type
AVN, INC. Applicant Doing Business As: AVN, INC.	JEREMY M. COGHLAN 2567 CENTRAL AVENUE AUGUSTA, GA 30904 United States	+1 (706) 736-6700	wbek@wbek.com	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
P.E. JOSEPH M. DAVIS M. DAVIS , P.E. . CHESAPEAKE RF CONSULTANTS, LLC	207 OLD DOMINION RD. YORKTOWN, VA 23692 United States	+1 (703) 650-9600	JOSEPH.DAVIS@RF- CONSULTANTS.COM	Technical Representative
PETER TANNENWALD TANNENWALD FLETCHER, HEALD & HILDRETH, P.L.C.	1300 NORTH 17TH ST. 11TH FLOOR ARLINGTON, VA 22209-3801 United States	+1 (703) 812-0404	TANNENWALD@FHHLAW. COM	Legal Representative

Channel and Facility Information

Section	Question	Response
Proposed Community of License	Facility ID	3369
	State	Georgia
	City	AUGUSTA
	DCA Channel	16
	Designated Market Area	Augusta-Aiken

Antenna Location
Data

Section	Question	Response
Antenna Structure Registration	Do you have an FCC Antenna Structure Registration (ASR) Number?	Yes
	ASR Number	1059412
Coordinates (NAD83)	Latitude	33° 30' 21.0" N+
	Longitude	081° 57' 43.0" W-
	Structure Type	TOWER-A free standing or guyed struct
	Overall Structure Height	152.7 meters
	Support Structure Height	129.5 meters
	Ground Elevation (AMSL)	143.6 meters
Antenna Data	Height of Radiation Center Above Ground Level	15.2 meters
	Height of Radiation Center Above Mean Sea Level	158.8 meters
	Effective Radiated Power	4.0 kW

Antenna
Technical Data

Section	Question	Response
Antenna Type	Antenna Type	Directional Custom
	Do you have an Antenna ID?	No
	Antenna ID	1000803
Antenna Manufacturer and Model	Manufacturer:	KATHREIN
	Model	K723147 1 X 2
	Rotation	180 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	0.931	90	0.431	180	0.070	270	0.431
10	0.852	100	0.317	190	0.045	280	0.570
20	0.727	110	0.199	200	0.048	290	0.743
30	0.832	120	0.129	210	0.119	300	0.943
40	0.960	130	0.095	220	0.069	310	1.000
50	1.000	140	0.069	230	0.095	320	0.960
60	0.943	150	0.119	240	0.129	330	0.832
70	0.742	160	0.048	250	0.199	340	0.727
80	0.570	170	0.045	260	0.317	350	0.850

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.	Yes
	I declare, under penalty of perjury, that I am an authorized representative of the above-named applicant for the Authorization(s) specified above.	JEREMY M. COGHLAN M. COGHLAN <i>PRESIDENT</i> 10/05/2015

Attachments

File Name	Uploaded By	Attachment Type	Description
<u>00837494.PDF</u>	Applicant	All Purpose	Engineering Statement
<u>D:\data\prod\cdbs\letters\A-2002034 F-3369 L-61347-0000004789.pdf</u>	Internal	All Purpose	Requested: 10/14/15 12:03:31
<u>STA exhibit WBEK-CD.pdf</u>	Applicant	General Information	Justification for STA