

# Federal Communications Communications (REFERENCE COPY - Not for submission) Commission L DT) / Ere give a price of OTA A

# LPTV Engineering STA Application

 File Number:
 000029477
 Submit Date:
 08/25/2017
 Call Sign:
 WGSR-LD
 Facility ID:
 12834
 FRN:
 0011360930

 State:
 North Carolina
 City:
 REIDSVILLE

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General Information	Section	Question		Response
Fees, Waivers,	Section	Question		Response
and Exemptions	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 Am	ount
	Engineering STA	MGL	\$190.00	)

Total

\$190.00

### Applicant Name, Type, and Contact Information

## Applicant Information

Applicant	Address	Phone	Email	Applicant Type
STARNEWS CORPORATION Applicant Doing Business As: STARNEWS CORPORATION	6 HOLLYWOOD BLVD. PO BOX 5146 MARTINSVILLE, VA 24115 United States	+1 (276) 656- 3900	matt. smith@gostarnews. 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
	Greg Best Best Greg Best Consulting, Inc.	Greg Best 16100 Outlook Avenue Stilwell, KS 66085 United States	+1 (816) 792- 2913	gbconsulting54@gmail. com	Technical Representative
	NATHANIEL HARDY HARDY Marashlian & Donahue PLC	1420 Spring Hill Road Suite 401 Maclean, VA 22102 United States	+1 (703) 714- 1322	njh@commlawgroup. com	Legal Representative

Channel and Facility Information	Section	Question	Response
	Facility ID	12834	
	State	North Carolina	
	City	REIDSVILLE	
	LPD Channel	19	

Antenna Location Data	Section	Question	Response
	Antenna Structure Registration	Do you have an FCC Antenna Structure Registration (ASR) Number?	Yes
		ASR Number	1062557
	Coordinates (NAD83)	Latitude	36° 14' 54.8" N+
		Longitude	079° 39' 20.1" W-
		Structure Type	GTOWER-Guyed Structure Used for Communication Purposes
		Overall Structure Height	246.6 meters
		Support Structure Height	224.0 meters
		Ground Elevation (AMSL)	225.6 meters
	Antenna Data	Height of Radiation Center Above Ground Level	146 meters
		Height of Radiation Center Above Mean Sea Level	371.6 meters
		Effective Radiated Power	15 kW

Technical Data       Antenna Type       Non-Directional         Image: Domain and Domain a	Antenna Technical Data	Section	Question	Response
Antenna Manufacturer and ModelManufacturer:KATModelK723147 ARRAYModelK723147 ARRAYRotation0 degreesElectrical Beam TiltNot ApplicableMored azimuthNot ApplicablePolarizationHorizontalPolarizationDoes the proposed antenna propose elevation radiation patterns that vary with azimuth for reasons other than the use of mechanical beam tilt?NoUploaded file for elevation antenna (or radiation) pattern 		Antenna Type	Antenna Type	Non-Directional
Antenna Manufacturerand Model       Manufacturer:       KAT         Model       Mcalacturer:       Mcalacturer:         Model       Mcalacturer:       Mcalacturer:         Rotation       O degrees         Electrical Beam Tilt       Not Applicable         Model       Mcalacturer:       Not Applicable         Model       Polarization       Not Applicable         Polarization       Poles 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       Lipoaded file for elevation antenna (or radiation) pattern			Do you have an Antenna ID?	
Model       K723147 ARRAY         Rotation       0 degrees         Electrical Beam Tilt       Not Applicable         Model       Not Applicable         Vechanical Beam Tilt       Not Applicable         toward azimuth       Horizontal         Polarization       Polarization         Polarization       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       Line Content for the content of			Antenna ID	1001978
Model       K723147 ARRAY         Rotation       0 degrees         Electrical Beam Tilt       Not Applicable         Mechanical Beam Tilt       Not Applicable         toward azimuth       Horizontal         Polarization       Horizontal         Polarization       Horizontal         Uploaded file for elevation antenna (or radiation) pattern data       No			Manufacturer:	КАТ
Electrical Beam Tilt       Not Applicable         Mechanical Beam Tilt       Not Applicable         toward azimuth       Horizontal         Polarization       Horizontal         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       Levation		MOQEI	Model	K723147 ARRAY
Mechanical Beam Tilt       Not Applicable         toward azimuth       Horizontal         Polarization       Horizontal         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       Image: Comparison of the pattern of the patter			Rotation	0 degrees
Image: constraint of the second se			Electrical Beam Tilt	Not Applicable
PolarizationHorizontalElevation Radiation PatternDoes the proposed antenna propose elevation radiation patterns that vary with azimuth for reasons other than the use of mechanical beam tilt?NoUploaded file for elevation antenna (or radiation) pattern dataUploaded file for elevation antenna (or radiation) patternImage: Compatter of the section (or radiation) pattern			Mechanical Beam Tilt	Not Applicable
Elevation Radiation       Does the proposed antenna propose elevation radiation       No         Pattern       Does the proposed antenna propose elevation radiation       No         Uploaded file for elevation antenna (or radiation) pattern       data       Image: Comparison of the proposed antenna propose elevation radiation			toward azimuth	
Pattern       patterns that vary with azimuth for reasons other than the use of mechanical beam tilt?         Uploaded file for elevation antenna (or radiation) pattern data			Polarization	Horizontal
data			patterns that vary with azimuth for reasons other than the	No
Out-of-Channel Emission Mask: Full Service				
			Out-of-Channel Emission Mask:	Full Service

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	<ul> <li>FAILURE TO SIGN THIS APPLICATION MAY RESULT IN DISMISSAL OF THE APPLICATION AND FORFEITURE OF ANY FEES PAID</li> <li>Upon grant of this application, the Authorization Holder may be subject to certain construction or coverage requirements.</li> <li>Failure to meet the construction or coverage requirements will result in automatic cancellation of the Authorization.</li> <li>Consult appropriate FCC regulations to determine the construction or coverage requirements that apply to the type of Authorization requested in this application.</li> <li>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).</li> </ul>	
		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.	Matt Smith Smith Station Manager 08/25/2017

#### Attachments

File Name	Uploaded By	Attachment Type	Description
<u>29477.pdf</u>	Internal	All Purpose	
<u>CH 19 RFR Exhibit for STA .</u> doc	Applicant	General Information	RF EXPOSURE EXHIBIT FOR CHANNEL 19
Ch 19 tvixstudy.txt	Applicant	General Information	Interference Study for channel 19 pre-repack scenario.
STA Request Letter.doc	Applicant	General Information	Reason for STA request and description of facilities requested.