



Federal Communications Commission

(REFERENCE COPY - Not for submission)
Direct Measurement of Power Application (302-AM)

File Number: **BZ-20100916ADL** | Submit Date: **10/27/2010** | Lead Call Sign: **KAZG** | FRN: **0022840441**

Service: **Full Power AM** | Purpose: **Direct Measurement of Power** | Status: **Superceded** | Status Date: **11/23/2010** |

Filing Status: **Inactive**

General Information

Section	Question	Response
Attachments	Are attachments (other than associated schedules) being filed with this application?	

Fees, Waivers, and Exemptions

Section	Question	Response
Fees	Is the applicant exempt from FCC application Fees?	No
	Indicate reason for fee exemption:	
	Is the applicant exempt from FCC regulatory Fees?	
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
CACTUS RADIO, INC. Applicant Doing Business As: CACTUS RADIO, INC.	4343 E. CAMELBACK ROAD #200 PHOENIX, AZ 85018 United States	+1 (480) 941-1007		Company

Contact Representatives (2)

Contact Name	Address	Phone	Email	Contact Type
JAMES S STANLEY OTHER	14537 W GRAND AVENUE STE 140-192 SURPRISE, AZ 85374-8651 United States	+1 (602) 350-3410		Technical Representative
KENNETH C. HOWARD JR. BAKER & HOSTETLER LLP	United States	+1 (202) 861-1580	KHOWARD@BAKERLAW.COM	Legal Representative

Legal
Certifications

Section	Question	Response
Character Issues	Applicant certifies that neither applicant nor any party to the application has or had any interest in, or connection with: (a) any broadcast application in any proceeding where character issues were left in unresolved or were resolved adversely against the applicant or party to the application; or (b) any pending broadcast application in which character issues have been raised.	
Adverse Findings	Applicant certifies that, with respect to the applicant and any party to the application, and any non-party equity owner in the applicant, no adverse finding has been made, nor has an adverse final action been taken by any court or administrative body in a civil or criminal proceeding brought under the provisions of any law related to the following: any felony; mass media-related antitrust or unfair competition; fraudulent statements to another governmental unit; or discrimination.	

Frequency and
Facility
Information

Section	Question	Response
Filing Type of License	filing type	Direct Measurement Of Power
Proposed Community of License	State	Arizona
	City	Scottsdale
Facility Information	Frequency	1440
	Service Type	Main
	Facility Type	Commercial
	Class	D
Modes/Hour of Operation	Modes/Hour of Operation	

Antenna
Summary Data

Directional Antenna Data -		
Section	Question	Response
Parameters	Nominal Power	
	Antenna Input Power	
	RF common point or antenna current without modulation	
	Measured antenna or common point resistance at operating frequency	
	Latitude	null° null` nullnull
	Longitude	null° null` nullnull
	Excitation	
	Antenna Monitor Manufacturer	

	Antenna Monitor Type														
Towers	<table><tr><td>Tower</td><td>Field Ratio</td><td>Phase (deg.)</td><td>ASRN</td><td>Overall Ht. (m)</td><td>AGL w/o light(m)</td><td>AGL w light(m)</td><td>Tower Type</td></tr></table>							Tower	Field Ratio	Phase (deg.)	ASRN	Overall Ht. (m)	AGL w/o light(m)	AGL w light(m)	Tower Type
Tower	Field Ratio	Phase (deg.)	ASRN	Overall Ht. (m)	AGL w/o light(m)	AGL w light(m)	Tower Type								
Tower Description	Attach as an exhibit, a description of the towers (uniform cross section, guyed, top-loaded, or such) with details, dimensions and information regarding any other antennas mounted on the tower.														
Ground System Description	Attach as an exhibit, a complete description of the ground system.														
Antenna or Common Point Resistance	Attach as an exhibit, reasons for any change in antenna or common point resistance, if applicable.														
Antenna Performance	Proof of Performance														
	Ground System Description		Attach as an exhibit, an engineering statement describing the techniques and software used in the moment method model. Include a complete description of the sampling system and related measurements. If base sampling is specified, an exhibit of the circuit model must be provided. A tower survey certification must also be included unless the station is exempt per Section 73.151(c)(1)(ix). The station must meet all the requirements specified in Section 73.151.												
	Description of Sampling System														
	Sampling System Certification		No												

Non-Directional Antenna Data -

Section	Question	Response										
Parameters	Nominal Power	5.000										
	Antenna Input Power											
	RF common point or antenna current without modulation	11.620										
	Measured antenna or common point resistance at operating frequency	37										
	Latitude	null° null` nullnull										
	Longitude	null° null` nullnull										
	Excitation											
Towers	<table><tr><td>ASRN No.</td><td>Overall ht.(m)</td><td>AGL w/o light(m)</td><td>AGL with light(m)</td><td>Tower Type</td></tr></table>							ASRN No.	Overall ht.(m)	AGL w/o light(m)	AGL with light(m)	Tower Type
ASRN No.	Overall ht.(m)	AGL w/o light(m)	AGL with light(m)	Tower Type								
Tower Description	Attach as an exhibit, a description of the towers (uniform cross section, guyed, top-loaded, or such) with details, dimensions and information regarding any other antennas mounted on the tower.											
Ground System Description	Attach as an exhibit, a complete description of the ground system.											
Antenna or Common Point Resistance	Attach as an exhibit, reasons for any change in antenna or common point resistance, if applicable.											
Antenna Performance	Proof of Performance											

Directional Antenna Data -

Section	Question	Response
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Parameters	Nominal Power																	
	Antenna Input Power																	
	RF common point or antenna current without modulation																	
	Measured antenna or common point resistance at operating frequency																	
	Latitude	null° null` nullnull																
	Longitude	null° null` nullnull																
	Excitation																	
	Antenna Monitor Manufacturer																	
	Antenna Monitor Type																	
Towers	<table><tr><th>Tower</th><th>Field Ratio</th><th>Phase (deg.)</th><th>ASRN</th><th>Overall Ht. (m)</th><th>AGL w/o light(m)</th><th>AGL w light(m)</th><th>Tower Type</th></tr><tr><td colspan="8"></td></tr></table>		Tower	Field Ratio	Phase (deg.)	ASRN	Overall Ht. (m)	AGL w/o light(m)	AGL w light(m)	Tower Type								
Tower	Field Ratio	Phase (deg.)	ASRN	Overall Ht. (m)	AGL w/o light(m)	AGL w light(m)	Tower Type											
Tower Description	Attach as an exhibit, a description of the towers (uniform cross section, guyed, top-loaded, or such) with details, dimensions and information regarding any other antennas mounted on the tower.																	
Ground System Description	Attach as an exhibit, a complete description of the ground system.																	
Antenna or Common Point Resistance	Attach as an exhibit, reasons for any change in antenna or common point resistance, if applicable.																	
Antenna Performance	Proof of Performance																	
	Ground System Description	Attach as an exhibit, an engineering statement describing the techniques and software used in the moment method model. Include a complete description of the sampling system and related measurements. If base sampling is specified, an exhibit of the circuit model must be provided. A tower survey certification must also be included unless the station is exempt per Section 73.151(c)(1)(ix). The station must meet all the requirements specified in Section 73.151.																
	Description of Sampling System																	
	Sampling System Certification	No																

Non-Directional Antenna Data -

Section	Question	Response
Parameters	Nominal Power	
	Antenna Input Power	
	RF common point or antenna current without modulation	
	Measured antenna or common point resistance at operating frequency	
	Latitude	null° null` nullnull
	Longitude	null° null` nullnull
	Excitation	

Towers	ASRN No. Overall ht.(m) AGL w/o light(m) AGL with light(m) Tower Type				
Tower Description	Attach as an exhibit, a description of the towers (uniform cross section, guyed, top-loaded, or such) with details, dimensions and information regarding any other antennas mounted on the tower.				
Ground System Description	Attach as an exhibit, a complete description of the ground system.				
Antenna or Common Point Resistance	Attach as an exhibit, reasons for any change in antenna or common point resistance, if applicable.				
Antenna Performance	Proof of Performance				

Directional Antenna Data -

Section	Question	Response													
Parameters	Nominal Power														
	Antenna Input Power														
	RF common point or antenna current without modulation														
	Measured antenna or common point resistance at operating frequency														
	Latitude	null° null` nullnull													
	Longitude	null° null` nullnull													
	Excitation														
	Antenna Monitor Manufacturer														
	Antenna Monitor Type														
Towers	<table><tr><th>Tower</th><th>Field Ratio</th><th>Phase (deg.)</th><th>ASRN</th><th>Overall Ht. (m)</th><th>AGL w/o light(m)</th><th>AGL w light(m)</th><th>Tower Type</th></tr></table>							Tower	Field Ratio	Phase (deg.)	ASRN	Overall Ht. (m)	AGL w/o light(m)	AGL w light(m)	Tower Type
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Tower Description	Attach as an exhibit, a description of the towers (uniform cross section, guyed, top-loaded, or such) with details, dimensions and information regarding any other antennas mounted on the tower.														
Ground System Description	Attach as an exhibit, a complete description of the ground system.														
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	Description of Sampling System														
	Sampling System Certification	No													

Non-Directional Antenna Data - Nighttime

Section	Question	Response																		
Parameters	Nominal Power	0.052																		
	Antenna Input Power	0.052																		
	RF common point or antenna current without modulation	1.180																		
	Measured antenna or common point resistance at operating frequency	37																		
	Latitude	33° 28` 43.2N																		
	Longitude	111° 56` 26.5W																		
	Excitation																			
Towers	<table><tr><th>ASRN No.</th><th>Overall ht.(m)</th><th>AGL w/o light(m)</th><th>AGL with light(m)</th><th>Tower Type</th></tr><tr><td colspan="4"></td><td>Neither</td></tr><tr><td colspan="5"></td></tr></table>					ASRN No.	Overall ht.(m)	AGL w/o light(m)	AGL with light(m)	Tower Type					Neither					
	ASRN No.	Overall ht.(m)	AGL w/o light(m)	AGL with light(m)	Tower Type															
					Neither															
Tower Description	Attach as an exhibit, a description of the towers (uniform cross section, guyed, top-loaded, or such) with details, dimensions and information regarding any other antennas mounted on the tower.																			
Ground System Description	Attach as an exhibit, a complete description of the ground system.																			
Antenna or Common Point Resistance	Attach as an exhibit, reasons for any change in antenna or common point resistance, if applicable.																			
Antenna Performance	Proof of Performance																			

License
Certifications

Section	Question	Response
Correcting Coordinates	Is this application being filed to correct coordinates as authorized by 47 CFR Section 73.1690(c)(11)?	
Change in License Status	Is this application being filed to authorize a change in license status from commercial to non-commercial or from non-commercial to commercial, pursuant to 47 CFR Section 73.1690(c)(9)?	

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 declare, under penalty of perjury, that I am an authorized representative of the above-named applicant for the Authorization(s) specified above.	CHUCK ARTIQUE

Attachments

Information not provided.