

Robin Lott

From: Mark Denbo <mdenbo@fccworld.com>
Sent: Tuesday, April 3, 2018 4:28 PM
To: Robin Lott
Cc: Robert Kay
Subject: RE: KIHP(AM), Mesa, AZ - File No. BML-20180216AAT
Attachments: KIHP - Revised Page 4 to Form 302-AM for Commercial Status.pdf

Robin, following up on our conversation, attached is a revised Page 4 to the pending application for the modification of license associated with KIHP(AM), Mesa, Arizona (BML-20180216AAT). This page indicates that the daytime current is 4.07 amperes. Please associate this page with that pending application. Call me with any questions. Thanks!

- Mark

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From: Robert Kay [<mailto:bkay@relevantradio.com>]
Sent: Tuesday, April 03, 2018 2:31 PM
To: Mark Denbo <mdenbo@fccworld.com>; Robin Lott <Robin.Lott@fcc.gov>
Cc: huong.chau@fcc.gov
Subject: RE: KIHP(AM), Mesa, AZ - File No. BML-20180216AAT

RF power is 3400 watts per the license.

From: Mark Denbo <mdenbo@fccworld.com>
Sent: Tuesday, April 3, 2018 11:26 AM
To: Robin Lott <Robin.Lott@fcc.gov>
Cc: huong.chau@fcc.gov; Robert Kay <bkay@relevantradio.com>
Subject: KIHP(AM), Mesa, AZ - File No. BML-20180216AAT

Good afternoon Robin. This follows up on our conversation regarding the correct antenna current values for the daytime system associated with KIHP(AM), Mesa, AZ, in connection with the pending application for license modification (BML-20180216AAT), which was filed solely to change the station's status from noncommercial to commercial.

The original entry provided a value of 3.4 current amperes. When you ran the calculations, you thought the correct value should be 2.36 amperes.

However, Immaculate Heart Media's engineer ran the calculations again and believes the actual correct value is 4.07 amperes. The calculations were run using this program: <http://allenk.home.infionline.net/amcp.html>. Per

the station's existing license (BL-20170303ABT), the antenna/common point resistance is 205 ohms and the nominal RF power is 2400 watts.

Please let us know the staff arrived at an antenna current value of 2.36 amperes. Thanks so much!

- Mark

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SECTION III - LICENSE APPLICATION ENGINEERING DATA

Name of Applicant

Immaculate Heart Media, Inc.

PURPOSE OF AUTHORIZATION APPLIED FOR: (check one)



Station License



Direct Measurement of Power

1. Facilities authorized in construction permit

Call Sign	File No. of Construction Permit (if applicable)	Frequency (kHz)	Hours of Operation	Power in kilowatts	
				Night	Day
KIHP	N/A	1310	Unlimited	0.26	3.4

2. Station location

State	City or Town
Arizona	Mesa

3. Transmitter location

State	County	City or Town	Street address (or other identification)
AZ	Maricopa	Guadalupe	1900 Carmen Street

4. Main studio location

State	County	City or Town	Street address (or other identification)
N/A	N/A	N/A	N/A

5. Remote control point location (specify only if authorized directional antenna)

State	County	City or Town	Street address (or other identification)
CA	Placer	Loomis	3256 Penryn Road

6. Has type-approved stereo generating equipment been installed?



Yes



No

7. Does the sampling system meet the requirements of 47 C.F.R. Section 73.68?



Yes



No



Not Applicable

Attach as an Exhibit a detailed description of the sampling system as installed.

Exhibit No.

N/A

8. Operating constants:

RF common point or antenna current (in amperes) without modulation for night system 1.12	RF common point or antenna current (in amperes) without modulation for day system 4.07
Measured antenna or common point resistance (in ohms) at operating frequency Night 205 Day 205	Measured antenna or common point reactance (in ohms) at operating frequency Night on file Day on file

Antenna indications for directional operation

Towers	Antenna monitor Phase reading(s) in degrees		Antenna monitor sample current ratio(s)		Antenna base currents	
	Night	Day	Night	Day	Night	Day

Manufacturer and type of antenna monitor: