

**Goldman Engineering Management  
Auburn, CA**

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KJZZ (FM) CHANNEL 218C, FACILITY ID 40095  
KBAQ (FM) CHANNEL 208C1, FACILITY ID 40096  
License Modification Application to Correct Coordinates  
Phoenix, AZ

December, 2018

**TECHNICAL STATEMENT**

This Technical Statement and attached exhibits were prepared on behalf of Maricopa County Community College District/ Arizona State University, Licensee of FM radio stations KJZZ, Channel 218C and KBAQ, Channel 208C1 in support of a minor license modification to reflect the correct coordinates for the two collocated above referenced stations. Because the modification is less than 3 seconds latitude and/or longitude it is appropriate to make the modification on a form 302.

A recent survey verified the correct coordinates as reflected in Antenna Structure Registration 1298920 (Attached as Exhibit A). A calculation to verify conversion of the ASR NAD83 coordinates to NAD27 (Exhibit B) revealed that there is a one second error in the latitude on the license for both KJZZ and KBAQ.

The licensed and actual coordinates are as follow:

ASR 1298920

NAD83

33° 19' 57.4" N Latitude    112° 03' 55.2" W Longitude

NAD27 (NADCON Conversion from ASR)

33° 19' 57.2" N Latitude    112° 03' 52.7" W Longitude

NAD27 (from KJZZ, KBAQ Current License)

33° 19' 58" N Latitude    112° 03' 53" W Longitude

The difference is 0.8 seconds Latitude and 0.3 seconds Longitude.

# EXHIBIT A

## Registration 1298920

[Map Registration](#)

### Registration Detail

Reg Number	1298920	Status	Granted
File Number	A1100136	Constructed	09/01/2017
EMI	No	Dismantled	
NEPA			

### Antenna Structure

Structure Type	LTOWER - Lattice Tower		
<b>Location</b> (in NAD83 Coordinates)			
Lat/Long	33-19-57.4 N 112-03-55.2 W	Address	Road B, Off of TV Road, South Mountain
City, State	Phoenix , AZ		
Zip	85048	County	MARICOPA
Center of AM Array		Position of Tower in Array	

### Heights (meters)

Elevation of Site Above Mean Sea Level	797.0	Overall Height Above Ground (AGL)	74.1
Overall Height Above Mean Sea Level	871.1	Overall Height Above Ground w/o Appurtenances	74.1

### Painting and Lighting Specifications

FCC Paragraphs 1, 3, 11, 21

### FAA Notification

FAA Study	86-AWP-834-OE	FAA Issue Date	09/08/1986
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### Owner & Contact Information

FRN	0007919947	Owner Entity Type	Other - Maricopa Community College District
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### Owner

Maricopa Community College District KJZZ FM KBAQ FM 2323 West 14th Street Tempe , AZ 85281	P: (480)774-8227 F: E: engineering@rioradio.org
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### Contact

Hogan , Ralph 2323 W 14th Street Tempe , AZ 85281	P: (480)774-8227 F: E: engineering@rioradio.org
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### Last Action Status

Status	Granted	Received	03/22/2018
Purpose	Modification	Entered	03/22/2018
Mode	Interactive		

### Related Applications

03/22/2018	A1100136 - Modification (MD)
03/22/2018	A1100135 - Notification (NT)
04/01/2016	A1003452 - Replacement (RE)

### Comments

None

### History

Date	Event
03/24/2018	Registration Printed
03/23/2018	Modification Received

EXHIBIT B

## Output from NADCON for station

North American Datum Conversion

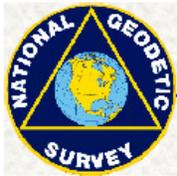
NAD 83 to NAD 27

NADCON Program Version 2.11

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Transformation #: 1                    Region: Conus

	Latitude	Longitude
NAD 27 datum values:	33 19 57.23252	112 03 52.67220
NAD 83 datum values:	33 19 57.40000	112 03 55.20000
NAD 27 - NAD 83 shift values:	-0.16748	-2.52780(secs.)
	-5.160	-65.372 (meters)
Magnitude of total shift:		65.576(meters)



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