

Station KSLX-FM Channel 264C Scottsdale, Arizona
Auxiliary Antenna

Engineering Statement of James S. Stanley

Pursuant to Construction Permit File Number BXPB-20141029ABA, construction and testing are completed. The system is constructed in accordance with the permit. This system is intended to replace License File Number BXLH-20060809ADT. The facility ID Number for KSLX-FM is 11282. The antenna structure registration number for the radio tower used by KSLX-FM is 1052104.

No changes or alterations have been made to the existing licensed main antenna system or the antenna supporting structure.

Summary of System Gains and Losses

Electronics research model SHP-1AE Omnidirectional FM antenna 1 section	-3.3620 dB
Andrew HJ 11- 50, 4 inch / 10.16 cm Air dielectric coaxial transmission Line, 120 meters in length.	- 0.452 dB
Electronics research model 970-4 Band pass filter.	- 0.433 dB
Total system loss	- 4.247 dB
Transmitter Output power	32.0 kW
System Effective Radiated Power	12.0 KW

Special operating conditions or restrictions

1. A formal request for Program Test Authority will be filed concurrently with this application for license to cover and the associated FCC Form 302-FM
2. The permittee/licensee has retained the services of Global RF Solutions to make proper radio frequency electromagnetic (RF) field strength measurements throughout the transmitter site area to determine if there are any areas that exceed the FCC guidelines for human exposure to RF fields as prescribed by OET Bulletin No. 65, Edition 97-01, August 1997.
3. Documentation demonstrating compliance with the preceding special operating condition is attached to and forms part of this report. It is titled KSLX Radio Frequency Exposure Study and is attached to FCC form 302-FM as Exhibit 10.
4. The permittee/licensee in coordination with other users of the site will reduce power or cease operation as necessary to protect persons having access to the site, tower or antenna from radiofrequency electromagnetic fields in excess of FCC guidelines.

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Engineering Statement of James S. Stanley - Continued

Summary

The permittee/licensee has fulfilled all requirements set forth in the associated construction permit. It is requested that a license be granted for the KSLX-FM auxiliary antenna.

Sincerely,



James S. Stanley
Certified Professional Broadcast Engineer
No. 50725

May 12, 2015