

***TECHNICAL EXHIBIT
APPLICATION FOR LICENSE***

Digital Low Power Television Facility K23PL-D
2.00 kW ERP DA / Channel 23
Shonto, AZ

Digital Networks-Southwest, LLC

September 2020

© 2020 JEREMY RUCK & ASSOCIATES, INC.

JEREMY RUCK & ASSOCIATES, INC.

P.O. Box 415
221 S. 1st Avenue
Canton, IL 61520

Tel: 309.647.1200
Fax: 855.332.9537
jeremyruck.com

9.14.2020

1

APPLICATION FOR LICENSE

The following engineering statement has been prepared for **Digital Networks-Southwest, LLC** (“Southwest”), licensee of low power television station K38CX at Shonto, Arizona, and permittee of displaced digital low power television facility K23PL-D, also at Shonto, Arizona, and is in support of their application for license to cover the construction of the displaced facility.¹ This application seeks to cover the construction authorized under LMS File 0000120779.

Under the referenced construction permit, the displaced facility is authorized to operate on television channel 23 with a maximum effective radiated power of 2.0 kW at a center of radiation of 2096.8 meters above mean sea level, 25 meters above ground level, utilizing a directional antenna. The authorized, and constructed, antenna consists of a Kathrein-Scala PR-TV antenna oriented at 240 degrees true. Southwest has completed construction of the facility utilizing the authorized parameters. The installed equipment achieves the authorized effective radiated power.

The construction permit, as issued by the Commission, lists one special condition or restriction. This condition advises Southwest that the authorization in question is for low power television, and as such, is a secondary authorization. Southwest is cognizant of the interference requirements imposed on it by the authorization, and will comply.

Southwest certifies that it will protect workers and other personnel from being exposed to levels of radiofrequency radiation in excess of the applicable safety standards, and will coordinate

¹ The Facility ID for K38CX/K23PL-D at Shonto, Arizona is 68020.

JEREMY RUCK & ASSOCIATES, INC.

P.O. Box 415
221 S. 1st Avenue
Canton, IL 61520

Tel: 309.647.1200
Fax: 855.332.9537
jeremyruck.com

with all other users of the site. Coordination efforts will include, but are not necessarily limited to a reduction in transmitter power or cessation of operation.

The preceding statement has been prepared by me, or under my direction, and is true and accurate to the best of my belief and knowledge.



Above signature is digitized copy of actual signature
License Expires November 30, 2021

Jeremy D. Ruck, PE
September 14, 2020

JEREMY RUCK & ASSOCIATES, INC.

P.O. Box 415
221 S. 1st Avenue
Canton, IL 61520

Tel: 309.647.1200
Fax: 855.332.9537
jeremyruck.com