

Harmonic and spurious frequencies were measured incident to the construction of translator K295CW at 106.9 MHz on 12 September 2018. An Agilent Field Fox analyzer model N9913A was used for the measurements.

All transmitters at the Crow Mountain site of Sun Valley Radio operate through multi-cavity filters. Only carrier frequencies of the facilities licensed to the site were found. All calculated combination frequencies which could be created with current transmitters and the 106.9 MHz transmitter of K295CW as well as the harmonics of 106.9 were measured and found to be in the noise floor of -75 db.

The measurements were conducted by Paul Anderson who has more than 30 years technical experience in the broadcast industry. He is the holder of a General (originally 1st Class) Radiotelephone Operators License and an Amateur Radio Operator License. He has worked for numerous radio broadcasting and broadcast equipment manufacturing firms in the US and internationally.

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