

ENGINEERING STATEMENT

The following engineering statement has been prepared for Momentum Broadcasting, LP., permittee of KJUG FM Auxiliary Antenna File Number BXPB-20130520AAA, and is in support of their application for license.

This statement and attached exhibit are intended to provide additional information to the Commission for the license application pursuant to the second special operating condition on the construction permit.

This engineering statement provides the results of a survey, and demonstrates that no areas in the vicinity of the antenna near ground level would be subject to a power density in excess of the applicable safety standard. Indeed, examination of the data within this report indicates that the maximum power density measured anywhere on site is well under that of the uncontrolled environment limit.

- The Facility ID for BXPB-20130520AAA at Lewis Hill in Porterville, CA is 71714.
- Call sign KJUG
- The measurements were made with all broadcast transmitters turned on and operating at authorized power.
- The site is fenced with barbed wire at the property boundaries and a locked drive through gate on the access road, public access is controlled.
- The tower base is surrounded by a chain link fence with a locked walk through gate.

The measurements were performed by, and this report was prepared by:

Paul Kleinkramer
Broadcast Technical Services, Inc.
129 N Gill Rd
Exeter, CA 93221
(559) 303-8425 (phone)
(559) 592-3938 (fax)
paulk.bts@gmail.com

Measurements at the Lewis Hill site were performed during the late morning hours of March 2nd, 2016. All measurements were performed through the use of a Narda SRM-3006-107 Selective Radiation Meter, serial #H-0078 with a 3501/03 three-axis probe, serial #K-0648. This device measures the electrical field component of received signals from 27 MHz to 3 GHz.

The transmitter building is a wooden structure with no general or casual access to the roof. Measurements were therefore taken west of the building, and along the

building perimeter and around the surrounding buildings at the communications site. Additionally, a general walk through of the building interior was performed. As the measured data demonstrate, at no location did the measured power density exceed the uncontrolled environment condition. As a result of these measurements, it can be reasonably inferred that no areas other than those extremely proximal to the antenna would experience a power density in excess of the applicable standard.

The preceding engineering statement and attached exhibits have been prepared by me and are true and accurate to the best of my belief and knowledge.

A handwritten signature in blue ink, reading "Paul Kleinkramer". The signature is fluid and cursive, with a long horizontal stroke extending to the right.

Paul Kleinkramer
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Exeter, CA 93221
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Exhibit 1

<u>Location</u>	<u>Power Density mW/m/m</u>
Electrical power meter	0.0194
Parking space off road	0.0210
Road, on slope of approach	0.0240
Adjacent comm structure	0.0244
Comm building 100 ft. to south	0.0224
Door of County comm building	0.0210
County tower base	0.0224
County propane tank	0.0234
KIOO generator	0.0245
Momentum aux door	0.0264
KIOO main door	0.0291
KIOO tower base	0.0320
Ham shack	0.0338
Aux room interior	0.0363
Behind aux transmitters	0.0411
East of fence adjacent to tower	0.0451
East of fence adjacent County	0.0230