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Request for STA

Summit Broadcasting Group, LLC

KBNW(AM) Bend, Oregon

Facility ID 160749

Summit Broadcasting Group, LLC (“Summit”), licensee of AM station KBNW, has lost use of the station’s licensed antenna system, as the tower’s owner has sold the property for development and dismantled the tower. Summit hereby requests STA for a period of 180 days to operate from a long wire antenna at the KBNW studio in Bend, with a power not to exceed 1 kW daytime and 0.5 kW nighttime to allow time to identify, permit and develop a suitable replacement antenna site. Attached are a diagram of the proposed antenna and a coverage exhibit demonstrating that the requested operation will maintain coverage of the community of license.

A method of moments model calculates the efficiency of this antenna at 290 mV/m/km at 1 kW, and predicts that restricting access to the antenna to a distance of at least 1.5 meters will be sufficient to comply with the Commission’s rules regarding human exposure to radio frequency fields. Such a barrier will be installed. The location of the temporary antenna is:

44 3 32 N 121 17 57 W (NAD27)

Thomas S. Gorton P.E.

April 19, 2017

KBNW

Freq: 1340 kHz

Class: C

Latitude: 44-04-47 N

Longitude: 121-16-58 W

Power: 1 kW

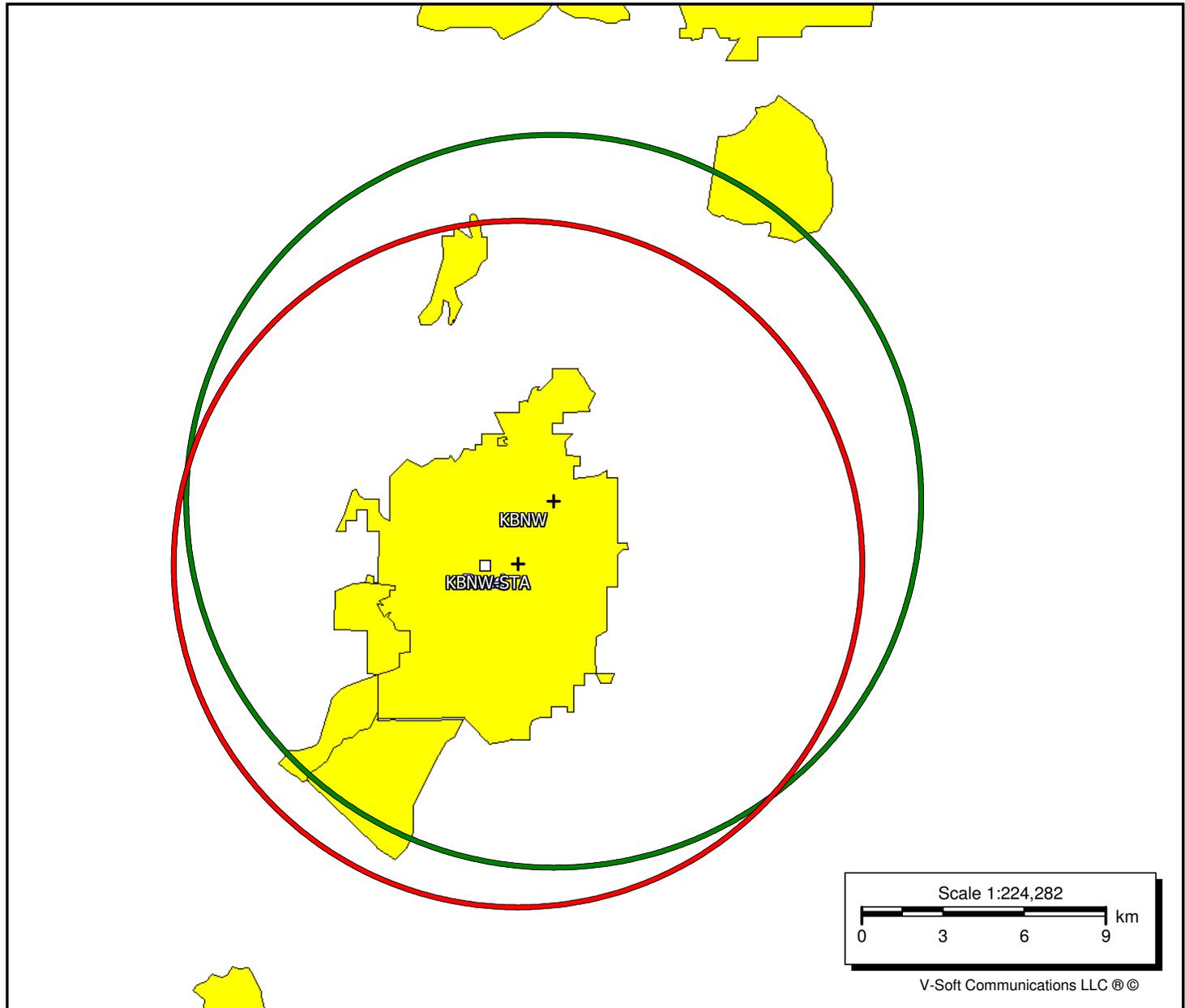
RMS: 335.18 mV/m @1km

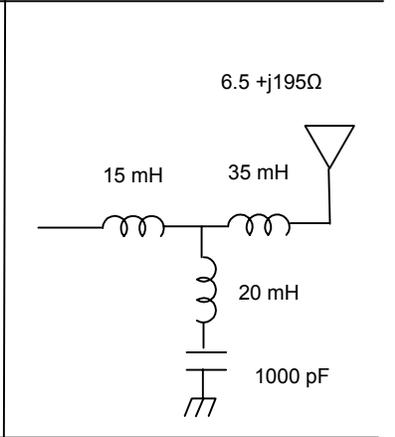
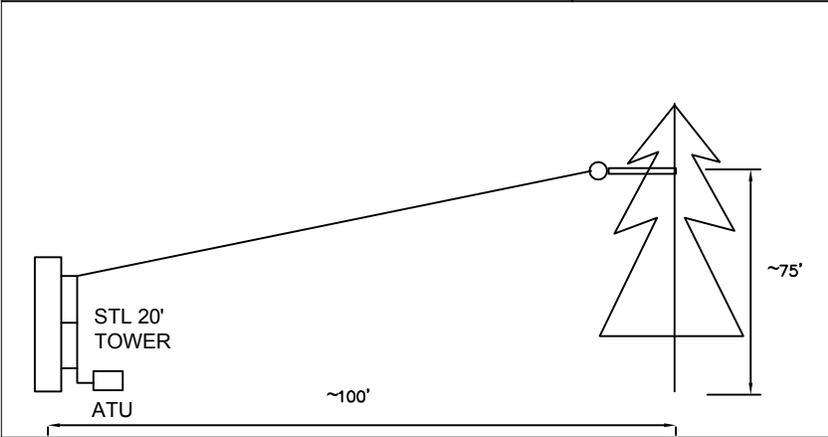
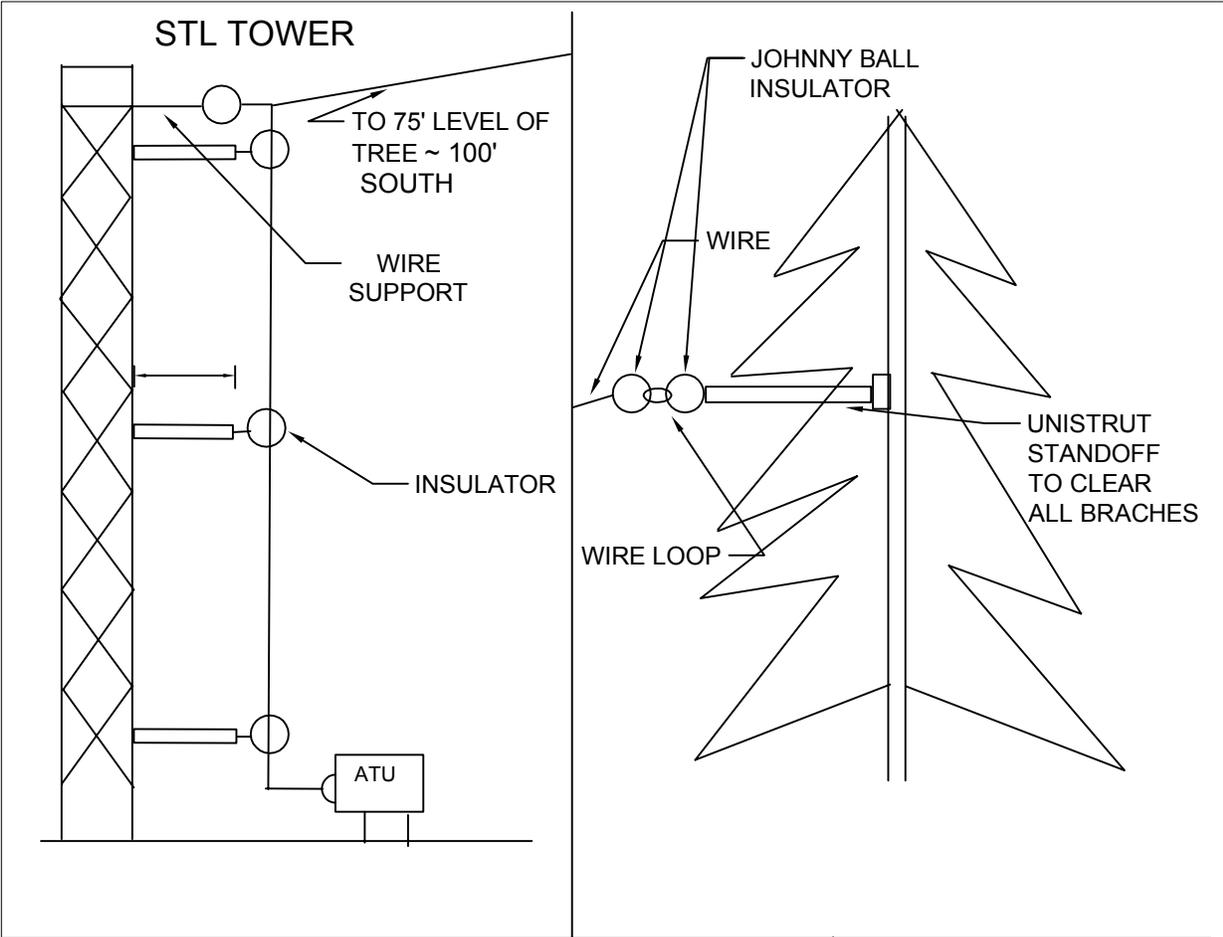
Towers: 1

Augs: 0

5 mV/m Day
Contours

Licensed = Green
STA = Red





KBNW-STA
1340 KHz BEND, OR
 3/30/2017

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