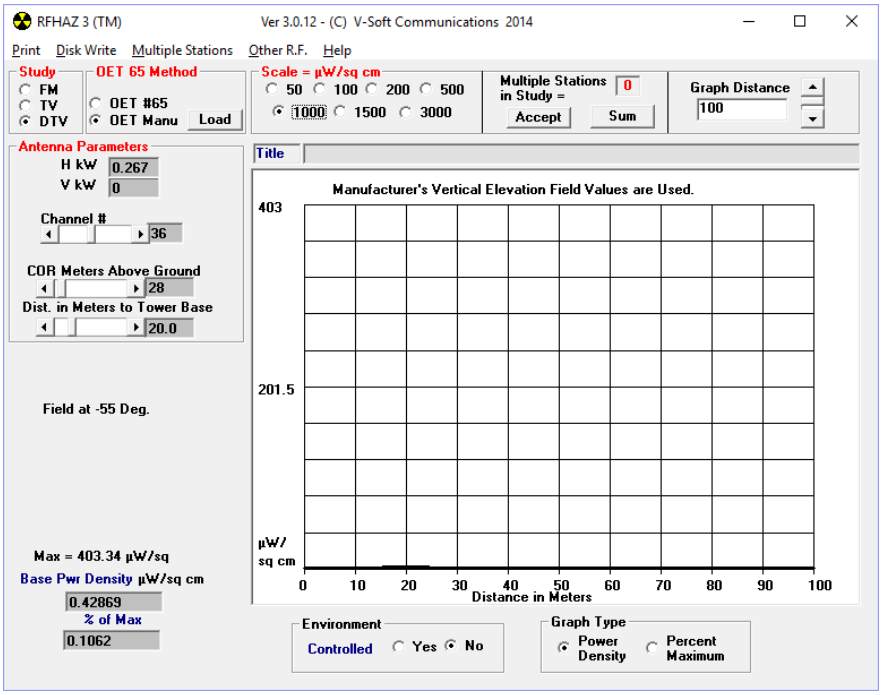
RF Emissions OET-65 Analysis:

Using the manufacturer's vertical elevation field values for the proposed 4DR-4S antenna, transmitting on channel 36, with a horizontal ERP of 0.267 kW, from a center of radiation of 30 meters above ground, (28 meters to head-height) we can determine that the power density at the base of the tower will be negligible. The graph below shows that the highest percentage of contribution to the site is found at a horizontal distance of 20 meters from the tower base. The power density at head height there is predicted to be 0.429 uW/cm². This level is 0.11 percent of the maximum for an uncontrolled area at the frequency in use. Since this value is well less than 5 percent of the maximum of 403.34 uW/cm², no further analysis was deemed necessary.



There are five other broadcast transmitters at the site as is listed below. The applicant will work with others at the site to protect workers from non-ionizing emissions in excess of the Commission's standards during construction, repairs or modifications.

Call	Service	City	State	Chan.	Power	Coordinates	Dist	Bear
AM	------- None Found	-------						
FM								
KROG	M	Grants Pass	OR	245C	0025.000kW	422256N 1231629W	000.0	323.8
KLDR	M	Harbeck-fruit	OR	252C2	0001.850kW	422256N 1231629W	000.0	323.8
K259AE	X	Williams	OR	259D	0000.250kW	422256N 1231629W	000.0	323.8
TV								
KO2JJ-	G	Williams	OR	02 D	0000.070kW	422256N 1231629W	000.0	323.8
KBLN-D	T	Grants Pass	OR	30 2C	0002.000kW	422256N 1231629W	000.0	323.8
K47GI-	F	Grants Pass	OR	47 D	0000.329kW	422256N 1231629W	000.0	323.8

Consequently, the proposed facility meets the Federal Communication's rules and regulations with regard to protection of workers and the public at or near the transmission site.