

Compliance with OET-65

The Construction Permit requires EMF to submit documentation demonstrating compliance with the FCC radiofrequency field exposure guidelines because EMF used a Shively 6810-BB-6R-SS-PR 6-bay circularly polarized half-wave spaced antenna rather than the originally specified ERI (EPA Type 3) 6-bay 0.5 wavelength spaced antenna specified in the Construction Permit.

After construction was completed, KAER was placed on the air for equipment testing and measurements were made using a Narda SRM3000. The results of these measurements are included in the attached documentation.

David Smith, one of EMF's engineers, took RF Measurement Readings with, to the best of his knowledge, all facilities on the site operating at nominal power. Readings were taken by slowly moving the probe between 2 and 8 feet above ground, as well as back and forth, along eight radials. Each radial is approximately 100 meters in length or as far as possible due to terrain. Additional sites (such as around the tower and in the building) were also measured. The highest ("worst") reading found was 33.9% of the OET-65 uncontrolled (general public) limit of 200 ($\mu\text{W}/\text{cm}^2$). EMF's contribution to this reading was 15.7% of the uncontrolled limit.

After measurements were taken, KAER was taking off the air to await Program Test Authority.

Out of an abundance of caution, EMF installed a blue RF "Notice" sign (on a post at the road access entry point to site prior to where the reading exceeded 25% of the uncontrolled exposure limit of OET-65) to appropriately warn of the potential for RF exposure.

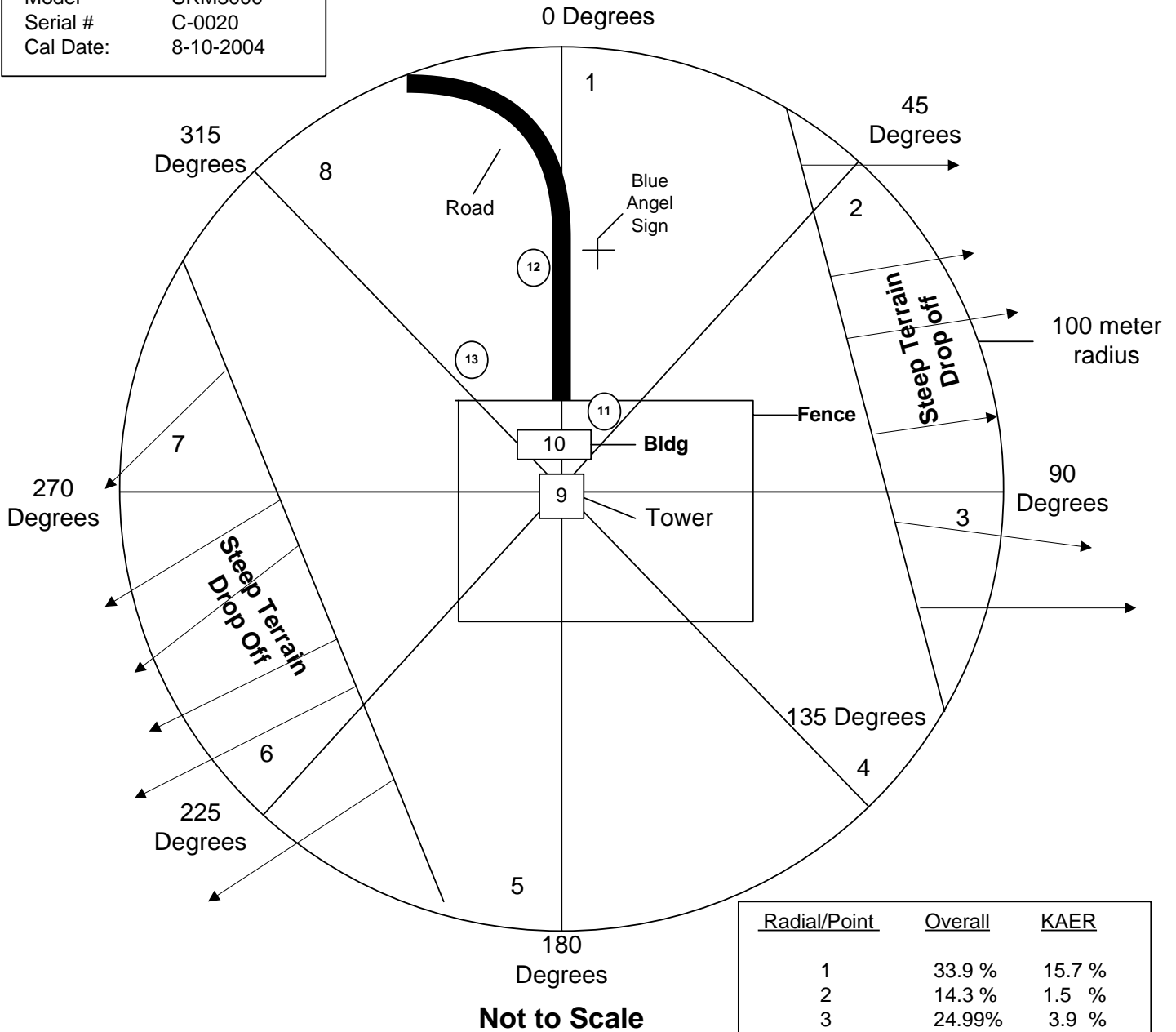
Therefore, KAER fully complies with OET Bulletin 65, Edition 97-01, released August 1997.

RFR Study Form

Date: 02-22-2006
 Time 4:00 PM
 WX conditions: Clear
 Readings taken by: David Smith
 Instrument Used:

KAER-St. George, UT

Unit 2
 Make Narda
 Model SRM3000
 Serial # C-0020
 Cal Date: 8-10-2004



Radial/Point	Overall	KAER
1	33.9 %	15.7 %
2	14.3 %	1.5 %
3	24.99%	3.9 %
4	19.5 %	4.4 %
5	4.5 %	1.5 %
6	18.88%	3.0 %
7	31.8 %	0.5 %
8	28.56%	1.5 %
9	18.5 %	2.7 %
10	10.3 %	<1 %
11	34 %	3.9 %
12	18.4 %	2.1 %
13	28.4 %	3.6 %