Radiofrequency Electromagnetic Field Exposure Report

KLVP Aloha, OR

FIN: 12501

97.9 MHz

September 1, 2015

Steve Wilde
5700 West Oaks Blvd
Rocklin, CA 95765
Swilde@emfbroadcasting.com

TABLE OF CONTENTS

Introduction

The licensee for the KLVP Construction Permit(file number BPED-20130909ABM) is Educational Media Foundation. Steve Wilde is a Broadcast Engineer employed by Educational Media Foundation. Steve Wilde completed the KLVP RFR Study on September 1, 2015. RFR measurements were recorded at the KLVP site using a Narda SRM3000 instrument which properly analyzes and compensates for frequency dependent variables in the requirements of OET-65. Measurements were taken while slowly moving the probe between approximately 2 and 8 feet above ground, as well as side-to-side while walking to and from each measurement point. If an area had higher than average readings, further investigation was conducted to determine the extent of the area.

Equipment

- Narda SRM-3000 Serial # B-0070
- Date of Calibration: 3/17/2014
- Antenna Type: 3AX-50M-3G Serial # B-0057
- Firmware: SRM-FW V1.5.6

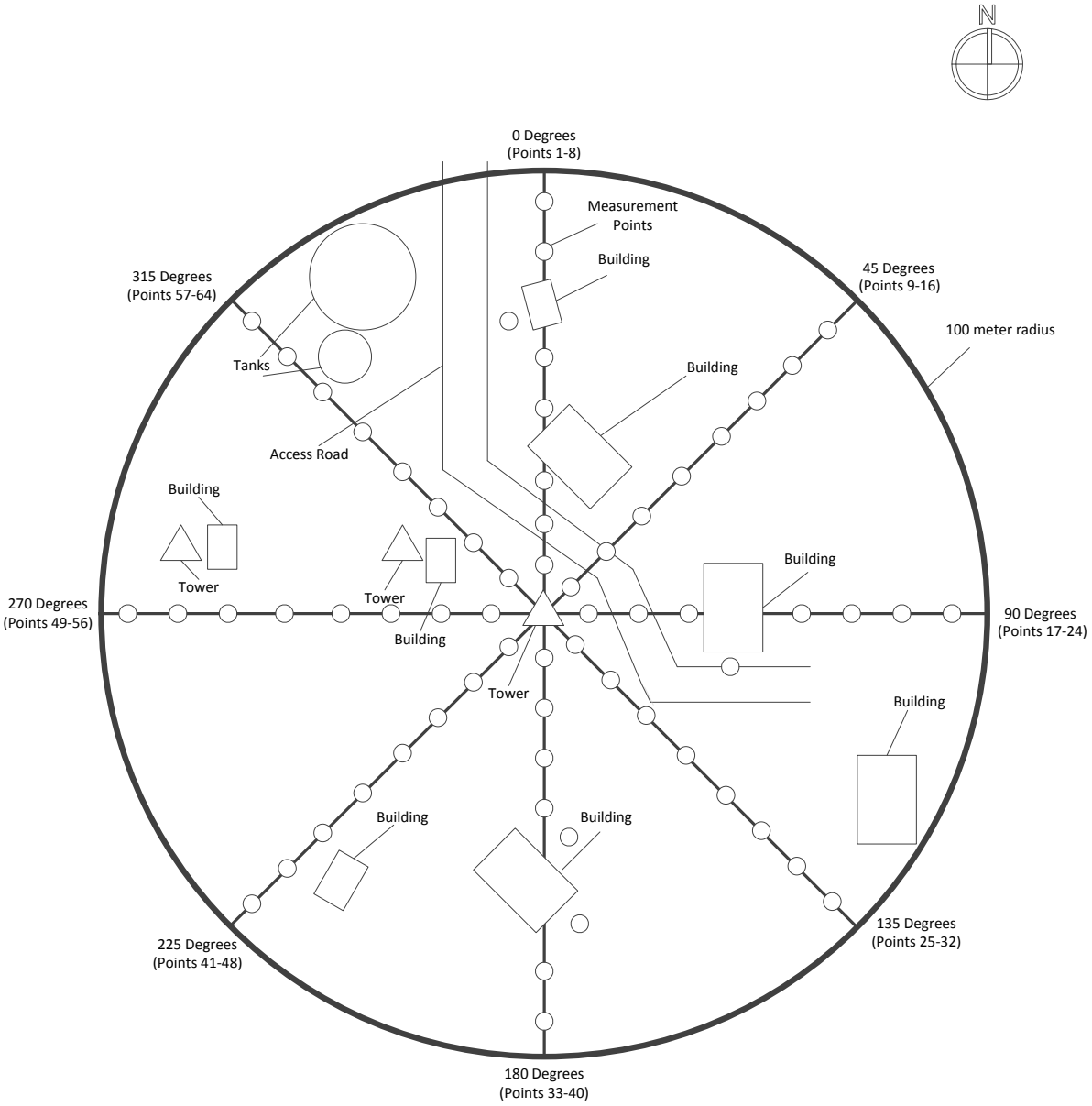
Summary

KLVP and all other stations at the facility were confirmed to be operating at 100% ERP at the time of the measurements. A total of 64 measurement points, 8 equaled spaced measurements points per radial, were recorded throughout the accessible areas of the facility. The measurements recorded for each radial began at the base of the tower and ended at the 100 meter radius.

No areas were found that are over 100% of the uncontrolled limits of OET-65. Therefore, KLVP fully complies with the FCC's maximum permissible radiofrequency electromagnetic exposure limits for controlled and uncontrolled environments.

Drawings

KLVP RFR Measurement Area



Not to Scale

Measurements

General Public and Occupational RFR Measurements

Point	Total General Public RFR %	Total Occupational RFR %	General Public RFR % at 97.9 MHz	Occupational RFR % at 97.9 MHz
1	**13.226**	2.645	0.030	0.0059
2	**12.162**	2.432	0.015	0.0030
3	**12.162**	2.432	0.015	0.0030
4	**12.188**	2.438	0.013	0.0026
5	**12.188**	2.438	0.013	0.0026
6	**12.188**	2.438	0.013	0.0026
7	**12.188**	2.438	0.013	0.0026
8	**12.260**	2.452	0.015	0.0029
9	**12.448**	2.490	0.014	0.0027
10	**12.448**	2.490	0.014	0.0027
11	**12.448**	2.490	0.014	0.0027
12	**12.375**	2.475	0.018	0.0036
13	**12.375**	2.475	0.018	0.0036
14	**12.375**	2.475	0.018	0.0036
15	**12.375**	2.475	0.018	0.0036
16	**12.375**	2.475	0.018	0.0036
17	**12.094**	2.419	0.014	0.0028
18	**12.094**	2.419	0.014	0.0028
19	**12.094**	2.419	0.014	0.0028
20	**12.094**	2.419	0.014	0.0028
21	**12.064**	2.413	0.014	0.0029
22	**12.064**	2.413	0.014	0.0029
23	**12.064**	2.413	0.014	0.0029
24	**12.064**	2.413	0.014	0.0029
25	**12.064**	2.413	0.014	0.0029
26	**12.306**	2.461	0.020	0.0041
27	**12.306**	2.461	0.020	0.0041
28	**12.306**	2.461	0.020	0.0041
29	**12.306**	2.461	0.020	0.0041
30	**12.290**	2.458	0.018	0.0036
31	**12.290**	2.458	0.018	0.0036

32	**12.290**	2.458	0.018	0.0036
33	**12.290**	2.458	0.018	0.0036
34	**12.346**	2.469	0.022	0.0045
35	**12.346**	2.469	0.022	0.0045
36	**12.346**	2.469	0.022	0.0045
37	**12.323**	2.465	0.023	0.0046
38	**12.323**	2.465	0.023	0.0046
39	**12.323**	2.465	0.023	0.0046
40	**12.323**	2.465	0.023	0.0046
41	**12.207**	2.441	0.023	0.0046
42	**12.125**	2.425	0.021	0.0043
43	**12.125**	2.425	0.021	0.0043
44	**12.125**	2.425	0.021	0.0043
45	**12.125**	2.425	0.021	0.0043
46	**12.125**	2.425	0.021	0.0043
47	**12.125**	2.425	0.021	0.0043
48	**12.139**	2.428	0.030	0.0060
49	**12.345**	2.469	0.057	0.0114
50	**12.345**	2.469	0.057	0.0114
51	**12.319**	2.464	0.053	0.0106
52	**12.319**	2.464	0.053	0.0106
53	**12.319**	2.464	0.053	0.0106
54	**12.319**	2.464	0.053	0.0106
55	**12.319**	2.464	0.053	0.0106
56	**12.319**	2.464	0.053	0.0106
57	**12.235**	2.447	0.038	0.0075
58	**12.235**	2.447	0.038	0.0075
59	**12.235**	2.447	0.038	0.0075
60	**12.219**	2.444	0.031	0.0061
61	**12.219**	2.444	0.031	0.0061
62	**12.219**	2.444	0.031	0.0061
63	**12.219**	2.444	0.031	0.0061
64	**12.328**	2.466	0.040	0.0081