

**Environmental Impact & RFR Compliance Statement**

KQNV is relocating to an existing tower that is in full compliance with all requirements of Section 1.1307 of the Commission's rules.

KQNV will operate with 12.5 kW ERP (H) non-directional, at a height above ground of 429 meters. For a worst case estimation, at 2 meters AGL at the base of the tower, the RFR is 1.1% of the general population/uncontrolled MPE limit.

The site is also utilized by KNEZ (Licensed), Fernley, NV, which operates with 100 kW (H) ERP at a RC AGL of 429 meters. For a worst case estimation, at 2 meters AGL at the base of the tower, the RFR is 9.2% of the general population/uncontrolled MPE limit.

The site is also the specified Construction Permit site for KZTI, Fallon Station, NV, KRZQ, Fallon, NV and KWNZ, Lovelock, NV. Each specifies an ERP of 100 kW (H) at a RC AGL of 429 meters. For a worst case estimation, at 2 meters AGL at the base of the tower, the RFR for each facility is 9.2% of the general population/uncontrolled MPE limit.

The combined RFR for KQNV (Proposed mod) (1.1%), KNEZ (Licensed) (9.2%), KZTI (CP) (9.2%), KRZQ (CP) (9.2%), and KWNZ (CP) (9.2%) is 37.9% of the general population/uncontrolled MPE limit.

Access to all occupational/controlled exposure areas, specifically the tower, are restricted and controlled with appropriate RFR hazard warning signs posted. The Applicant certifies that in cooperation with other users of the site all authorized personnel will be protected from RFR exposure in excess of FCC guidelines while accessing any controlled exposure area, including the tower, by either reducing power or ceasing operations. Information pertaining to the contact representative of the facility will be posted.

***American Educational Broadcasting, Inc.  
KQNV, Fallon, NV Facility ID 176348  
Modification to BNPED-20071022BEX***

***Exhibit 22  
November 2010***

Environmental Impact & RFR Compliance Statement

# Shively Labs®

Antenna Mfr.: Shively Labs

Date: 12/30/2004

Antenna Type: 6812B or 6602B 2-Bay, 1/2-wave spaced

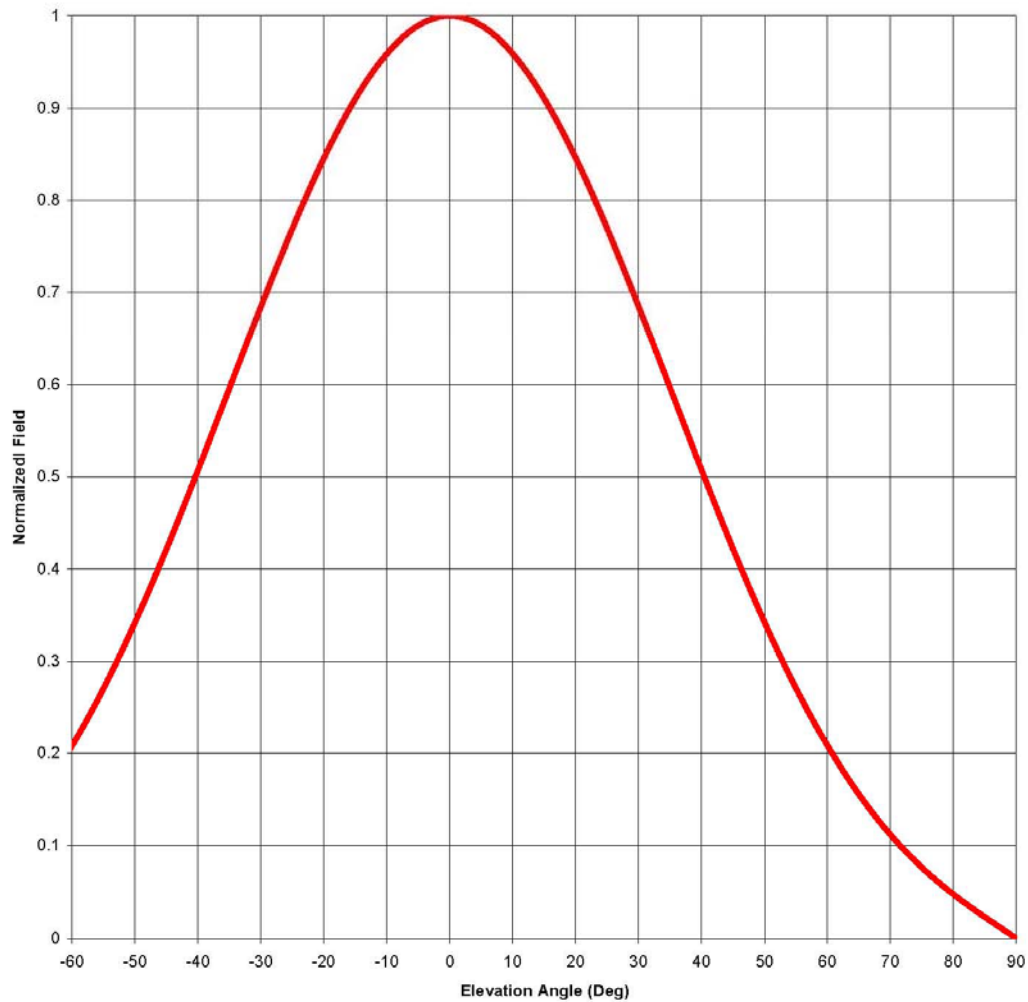
Frequency: 98.1

6812B Gain (Max) 0.63

-1.97 dB

6602B Gain (Max) 1.26

1.03 dB



## Elevation Pattern Tabulation, 6602B and 6812B 2-Bay Half-Wave-Spaced

Relative Field at 0° Depression = 1.000

Degrees	Rel. Field
1	1.000
2	0.998
3	0.996
4	0.993
5	0.990
6	0.985
7	0.980
8	0.974
9	0.967
10	0.959
11	0.951
12	0.942
13	0.932
14	0.921
15	0.910
16	0.899
17	0.886
18	0.873

Degrees	Rel. Field
19	0.860
20	0.846
21	0.832
22	0.817
23	0.801
24	0.786
25	0.770
26	0.753
27	0.736
28	0.720
29	0.702
30	0.685
31	0.667
32	0.650
33	0.632
34	0.614
35	0.596
36	0.578

Degrees	Rel. Field
37	0.561
38	0.543
39	0.525
40	0.508
41	0.490
42	0.473
43	0.456
44	0.439
45	0.422
46	0.405
47	0.389
48	0.373
49	0.358
50	0.342
51	0.327
52	0.313
53	0.298
54	0.284

Degrees	Rel. Field
55	0.271
56	0.258
57	0.245
58	0.232
59	0.220
60	0.208
61	0.197
62	0.186
63	0.176
64	0.165
65	0.156
66	0.146
67	0.137
68	0.128
69	0.120
70	0.112
71	0.104
72	0.097

Degrees	Rel. Field
73	0.090
74	0.083
75	0.077
76	0.070
77	0.064
78	0.059
79	0.053
80	0.048
81	0.043
82	0.038
83	0.033
84	0.028
85	0.023
86	0.019
87	0.014
88	0.009
89	0.005
90	0.000