

Don Mussell Consulting Engineer
Broadcast Engineering Services of Bonny Doon, Inc.

Hawaii Public Radio, Inc.

Allocation Study

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| REFERENCE 19 35 18 N. 155 07 25 W. | CH# 216C2 - 91.1 MHz, Pwr= 30 kw, HAAT=0.2 M, COR= 519 M Average Protected F(50-50)= 23.64 km Ave. F(50-10) 40 dBu= 103.8 54 dBu= 37.9 80 dBu= 7.4 100 dBu= 2.4 | DISPLAY DATES DATA 11-26-05 SEARCH 01-24-06 |
|--|---|---|

| CH CITY | CALL | TYPE STATE | AZI. <-- | DIST FILE # | LAT. LNG. | Pwr(kw) HAAT(M) | COR(M) INT(km) | PRO(km) LICENSEE | *IN* (Overlap in km) | *OUT* |
|----------------------|--------|---------------|---------------|--------------------------|-----------------------|--------------------|-------------------|------------------------------------|-------------------------|-----------|
| 216C2 Hilo | KANO | LIC C HI | 0.0 0.0 | 0.00 BLED20001220ABT | 19 35 18 155 07 25 | 26.000 241 | 539 134.2 | 54.7 Hawaii Public Radio, Inc. | -188.68*< | -189.80*< |
| 213C2 Pahala | KPHL.C | CP CN HI | 227.3 47.2 | 51.45 BPED19980729MD | 19 16 26 155 29 04 | 50.000 -181 | 768 2.7 | 26.5 Broadcasting For The Chall | 25.13 | 22.56 |
| 06Z2C Kailua Kona | KLEI | LI DHY HI | 279.8 99.5 | 84.36 BLCT19880427KF | 19 42 56 155 55 00 | 0.056 -65 | 1760 10.0 | 10.4 Aina'e Co., Ltd | 177.0R | -92.6M |
| 06Z2C Kailua Kona | KLEI | CP DHN HI | 280.2 99.9 | 84.89 BPCT20030207AAE | 19 43 16 155 55 15 | 0.041 -87 | 1674 10.0 | 9.7 Aina'e Co., Ltd | 177.0R | -92.1M |

ERP and HAAT are on direct line to and from reference station.

• affixed to TV6 Margin= no direct-line contour overlap.

"*"affixed to 'IN' or 'Out' values = site inside protected contour. "<" = contour overlap