

EXHIBIT E-1
TECHNICAL STATEMENT
K297AX HONOLULU, HAWAII
KONA COAST RADIO, LLC
FEBRUARY 2008
FCC FORM 349

This Technical Statement is submitted in support of an FCC application for a minor change of a Construction Permit for K297AX Honolulu, Facility ID 153520, BMPFT-20080204ACN. K297AX seeks to change its proposed site to an existing tower site, near the town of Kaneohe, Hawaii.

The proposed K297AX will operate with an Effective Radiated Power of 0.09 kilowatts both Horizontal and Vertical polarization. It proposes to use a Nicom Model BKG 77 one bay antenna mounted at 10 meters above ground and 167 meters Above Mean Sea Level. This is also 75 meters Height Above Average Terrain. It also proposes to “one step” channel change from channel 297D to channel 298D.

Figure 1 shows a channel spacing study conducted from the proposed site for K297AX on channel 298D. It shows that the only pertinent station of concern for potential interference that requires further study is 2nd adjacent stations, KGMZ-FM Aiea, Hawaii on channel 300C. This station operates from the Palehua Ridge electronics site, and operates with a directional antenna and with 100 KW ERP.

The only other record of concern is the original allotment point application filed by Shamrock Communications for a new FM station on channel 295A at Nanakuli, Hawaii. However, this channel was ultimately awarded to Big D Consulting, Inc. in FM Broadcast auction 62. A CP has been issued to Bid D Consulting for channel 294C2 at Nanakuli, Hawaii, KNAN, Facility ID 165992. It was approved to “one-step” channel

change the original allotment at Nanakuli from channel 295A to channel 294C2. This application record appears to be a leftover record from this auction, and thus, need not be protected.

The proposed operation of K297AX is located within the protected 60 dBu contour of second adjacent channel station KGMZ-FM, as mentioned above. The predicted (F50,50) field strength of KGMZ-FM at the proposed K297AX transmitter site is 85.1 dB μ , see figure 2. Therefore, the respective predicted interfering contour generated by the proposed K297AX is 125.1 dB μ . This interfering contour extends less than 44 meters from the proposed transmit antenna.

Figure 3 shows a U.S.G.S topographical map that shows that there are no homes located with the 125.1 dB μ contour of the proposed K297AX. There are several monopole type towers at this location, all relatively short in height. There are several equipment shelters located at the base of these towers and poles, however all of the shelters are un-occupied, with only occasional visits from service personnel. The access road to this site is closed to the public from a locked gate. The closest occupied homes are located greater than 300 meters from the proposed site.

The proposed one bay antenna will be mounted at 10 meters above ground on a 19.5 meter long supporting tower. The Center of Radiation will be 167 meters Above Mean Sea Level.

Since the predicted interference contour towards KGMZ-FM will be a maximum of 43 meters, in any direction, there will be no population located within the area of potential interference to KGMZ-FM. Figure 5 is a population cell map, which also shows that there is no population within the 125.1 dB μ contour.

The applicant, Kona Coast Radio, LLC, respectfully request a waiver of C.F.R. 74.1024(d) of the commission rules based on there is no population within the area of predicted interference.

Let it be noted however, that should any real world interference occur, the applicant acknowledges that it will promptly suspend operation of this translator in accordance with 47 C.F.R. Section 74.1203.

Figure 7 shows a table of the predicted distances to contours for K297AX for the pertinent contours of this study.

Figure 8 shows a table of the predicted distance to contours for KGMZ-FM Aiea, HI operating on channel 300C.

Figure 6 shows that the new proposed 60 dbu operation of K297AX will overlap with the existing proposed 60 dbu contour of K297AX specified in its current construction permit, for which it now seeks to modify, as well as the original Construction Permit for K296FV Honolulu, Hawaii, BNPFT-20030829AXI. All with the Facility ID number 153520. This application specifies the same location as the original CP location for K296FV, but seeks to operate on channel 298D to reduce potential interference and operate with a non-directional antenna system.

It was concluded that the new proposed operation of K297AX Honolulu will not cause any harmful interference to any existing stations, and will be in full compliance with the commission rules for FM translator stations.

EXHIBIT E-1, FIGURE 1, INTERFERENCE STUDY
 K297AX HONOLULU, CHANNEL 298D

REFERENCE
 21 25 32.0 N.
 157 45 35.0 W.

CH# 298D - 107.5 MHz, Pwr= 0.09 kW, HAAT= 74.8 M, COR= 167 M
 Average Protected F(50-50)= 8.69 km

DISPLAY DATES
 DATA 02-19-08
 SEARCH 02-20-08

| CH CITY | CALL | TYPE STATE | ANT | AZI <-- | DIST FILE # | LAT LNG | PWR (kW) HAAT (M) | INT (km) COR (M) | PRO (km) LICENSEE | *IN* (Overlap in km) | *OUT* |
|------------------|----------|---------------|-----|----------------|---------------------------|---------------------------|----------------------|---------------------|------------------------------------|-------------------------|---------|
| 300C Aiea | KGMZ-FM | LIC DEN HI | | 265.0 84.9 | 35.45 BLH19920828KG | 21 23 51.0 158 06 01.0 | 100.000 599 | 14.2 742 | 93.5 Salem Media Of Hawaii, Inc | 15.77 | -58.73* |
| 297D Honolulu | K297AX * | CP _C_ HI | | 178.3 358.3 | 10.55 BMPFT20080204ACN | 21 19 49.0 157 45 24.0 | 0.010 | 23.3 747 | 14.7 Kona Coast Radio, Llc. | -18.28* | -11.93* |
| 295A Nanakuli | AP4070 | APP _ HI | | 264.7 84.6 | 35.38 BSFH20050811ADP | 21 23 45.0 158 05 58.0 | 6.000 100 | 3.2 234 | 33.5 Shamrock Communications, I | 26.71 | 1.25 |
| 298C3 Kihei | KHEI-FM | CP DCX HI | | 114.5 295.0 | 172.88 BMPH20071005ADP | 20 46 31.0 156 14 49.0 | 0.200 955 | 107.0 2099 | 40.1 Visionary Related Entertai | 52.92 | 89.84 |

Terrain database is USGS 03 SEC Distance + R = 73.215 or FCC Spacings in KM, Distance + M = Margin in KM
 Contour distances are on direct line to and from reference station. Reference zone = 2. With 3rd Adj Channels.
 Ant Column: (D= DA Standard, Z= DA 73.215, N= Not DA 73.215, _= Omni), Polarization (C,H,V,E), Beamtilt(Y,N,X)
 "*"affixed to 'IN' or 'OUT' values = site inside protected contour.

* Construction Permit being modified by this application

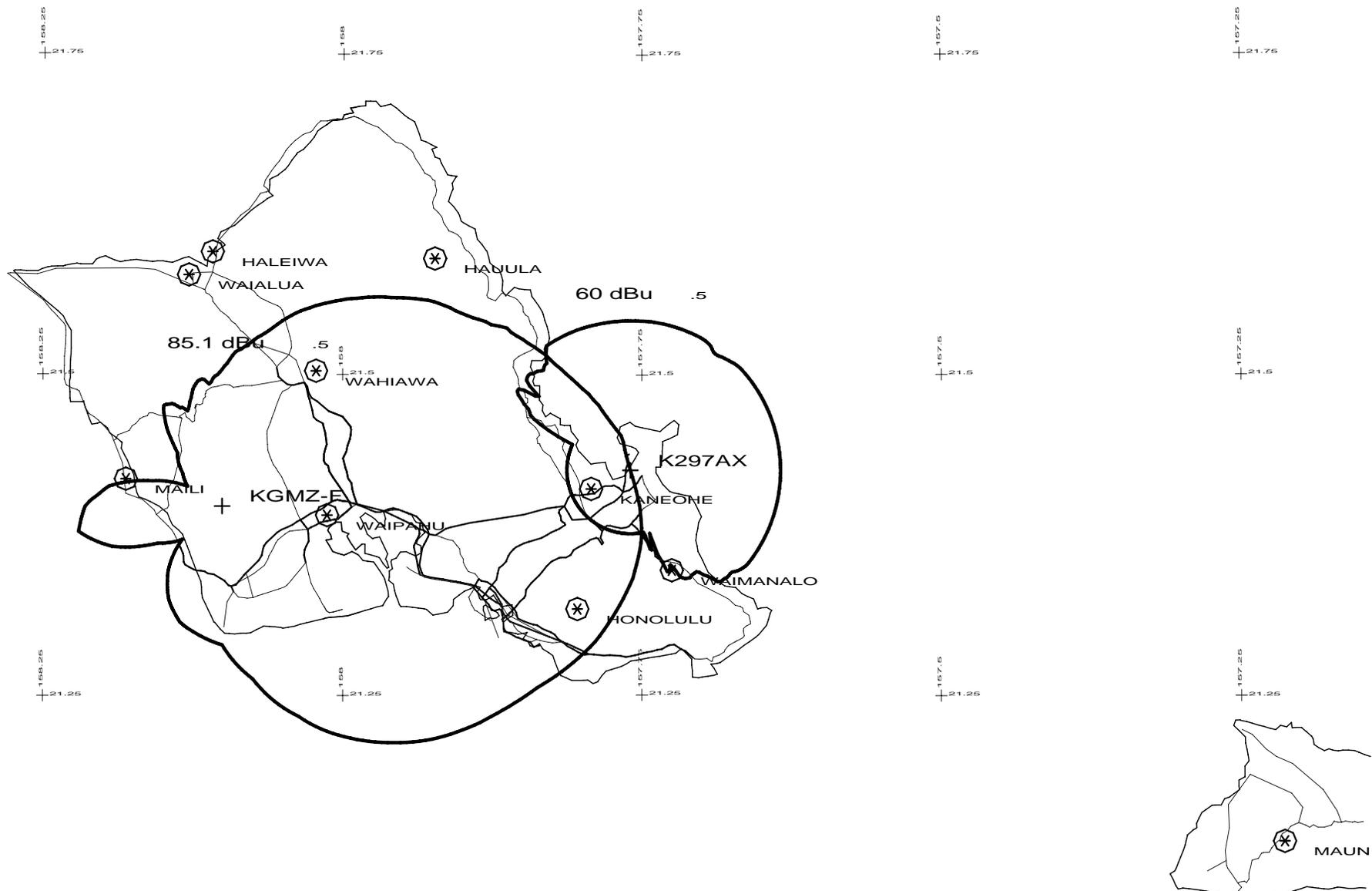
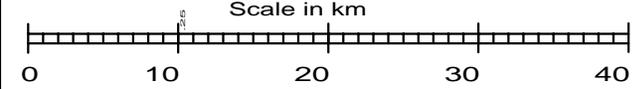


EXHIBIT E-1, FIGURE 2, OVERLAP WITH KGMZ

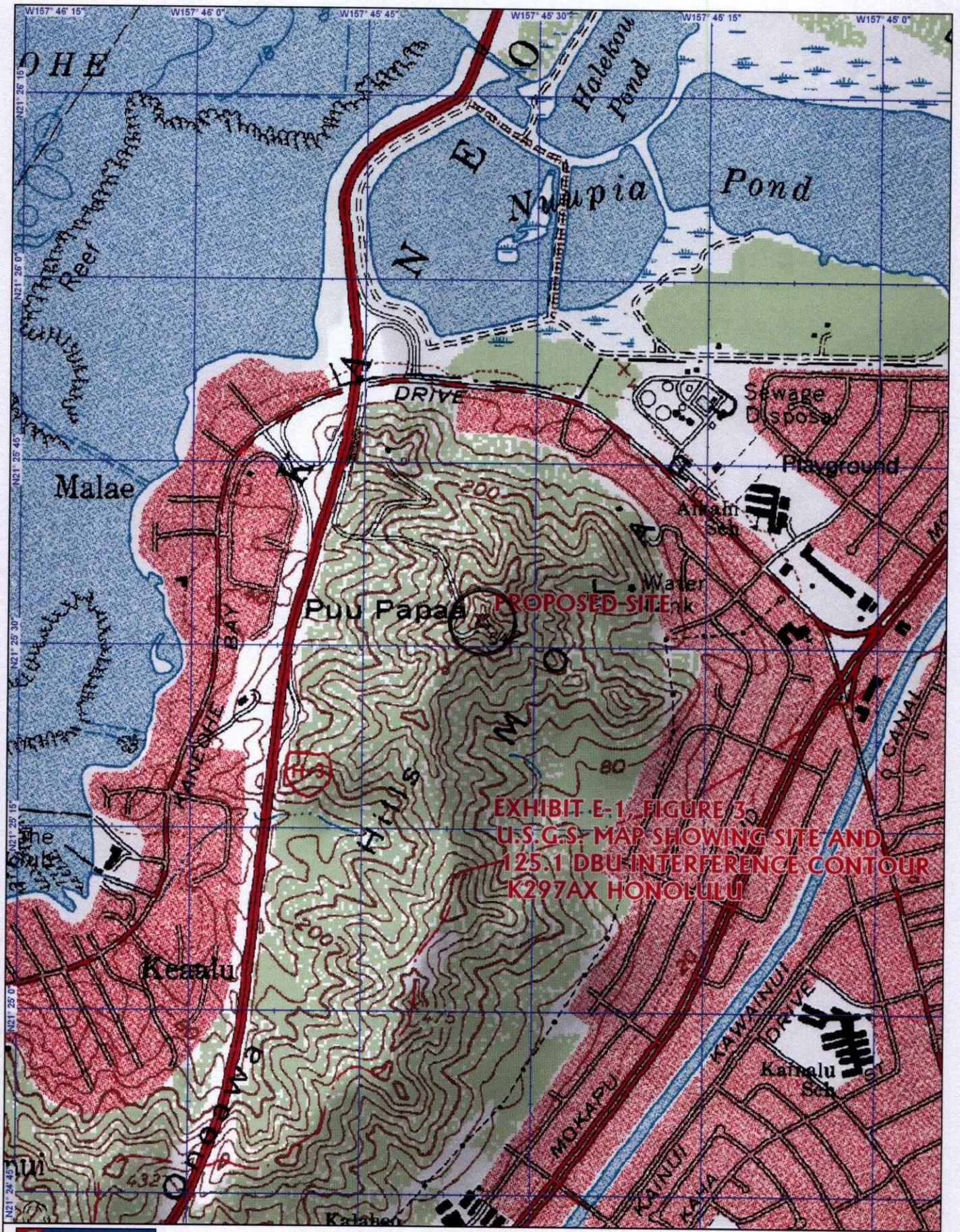
1:500,000

Scale in km



K297AX 298D .09kW 167M AMSL
 N. Lat. 21 25 32 W. Lng. 157 45 35

K297AX
 - 02/08



**EXHIBIT E-1, FIGURE 3
U.S.G.S. MAP SHOWING SITE AND
125.1 DBU INTERFERENCE CONTOUR
K297AX HONOLULU**



© 2002 DeLorme. 3-D TopoQuads®. Data copyright of content owner.
www.delorme.com

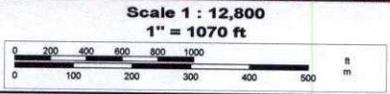


EXHIBIT E-1 FIGURE 5, POPULATION CELL MAP

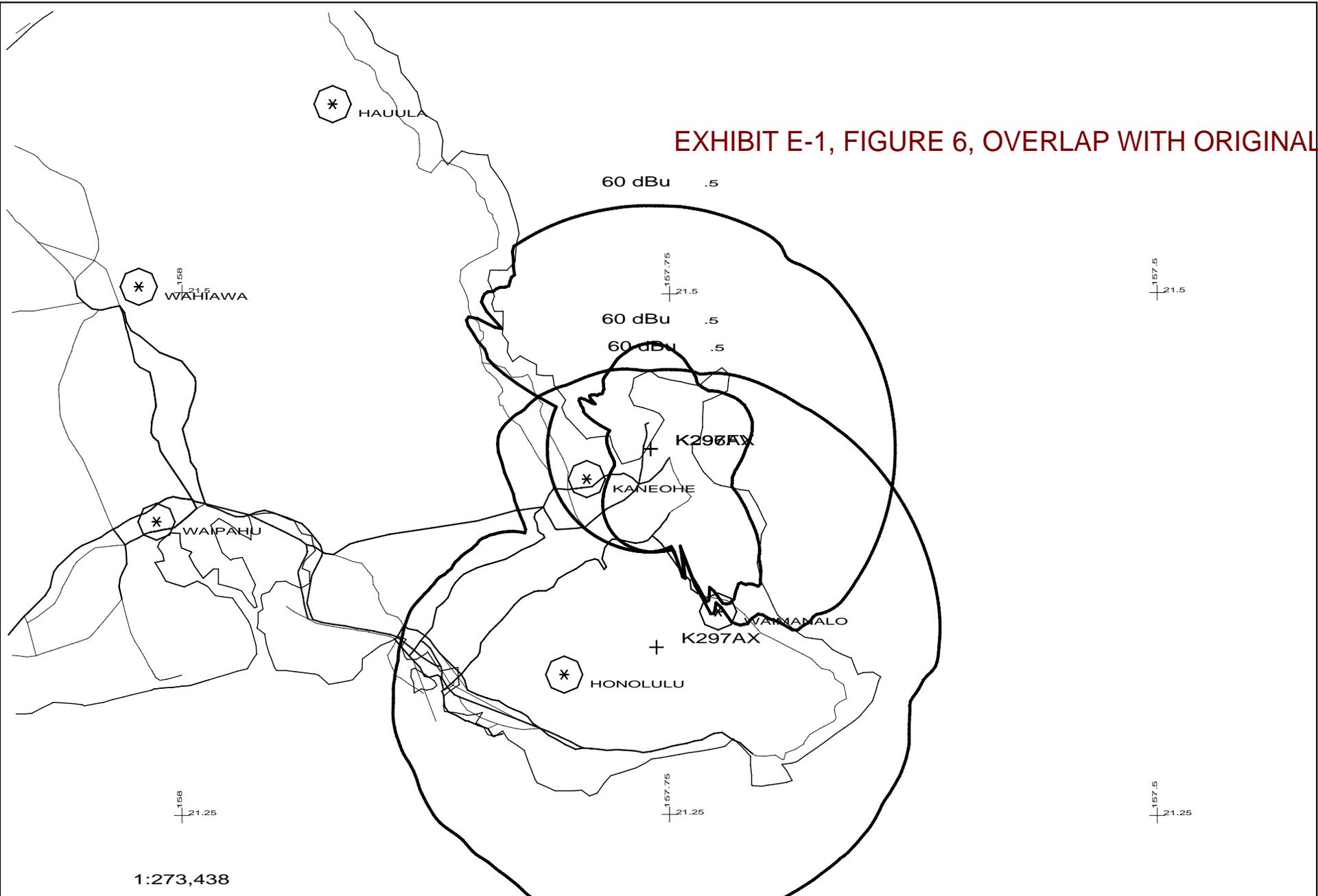
125.1 dBu
K297AX

1:050,781

Scale in km



EXHIBIT E-1, FIGURE 6, OVERLAP WITH ORIGINAL CP



K297AX 298D .09kW 167M AMSL
N. Lat. 21 25 32 W. Lng. 157 45 35

K297AX
- 02/08

Contour.out

N. Lat. = 212532.0 W. Lng. = 1574535.0
 HAAT and Distance to Contour - FCC Method - USGS 03 SEC

EXHIBIT E-1, FIGURE 7, DISTANCE TO CONTOURS, K297AX
 Azi. AV EL HAAT dBk 60-F5 125.1-F1

| Azi. | AV EL | HAAT | dBk | 60-F5 | 125.1-F1 |
|------|-------|--------|--------|-------|----------|
| 000 | 1.4 | 165.6 | -10.46 | 12.93 | 0.04 |
| 010 | 0.2 | 166.8 | -10.46 | 12.98 | 0.04 |
| 020 | 0.1 | 166.9 | -10.46 | 12.98 | 0.04 |
| 030 | 1.0 | 166.0 | -10.46 | 12.95 | 0.04 |
| 040 | 7.9 | 159.1 | -10.46 | 12.65 | 0.04 |
| 050 | 0.0 | 167.0 | -10.46 | 12.98 | 0.04 |
| 060 | 0.0 | 167.0 | -10.46 | 12.99 | 0.04 |
| 070 | 0.0 | 167.0 | -10.46 | 12.99 | 0.04 |
| 080 | 0.0 | 167.0 | -10.46 | 12.99 | 0.04 |
| 090 | 0.0 | 167.0 | -10.46 | 12.99 | 0.04 |
| 100 | 0.0 | 167.0 | -10.46 | 12.99 | 0.04 |
| 110 | 0.0 | 167.0 | -10.46 | 12.99 | 0.04 |
| 120 | 0.2 | 166.8 | -10.46 | 12.98 | 0.04 |
| 130 | 1.0 | 166.0 | -10.46 | 12.94 | 0.04 |
| 140 | 13.7 | 153.3 | -10.46 | 12.40 | 0.04 |
| 150 | 56.9 | 110.1 | -10.46 | 10.53 | 0.04 |
| 160 | 81.2 | 85.8 | -10.46 | 9.32 | 0.04 |
| 170 | 161.6 | 5.4 | -10.46 | 5.49 | 0.04 |
| 180 | 181.5 | -14.4 | -10.46 | 5.49 | 0.04 |
| 190 | 185.0 | -18.0 | -10.46 | 5.49 | 0.04 |
| 200 | 233.1 | -66.1 | -10.46 | 5.49 | 0.04 |
| 210 | 272.7 | -105.7 | -10.46 | 5.49 | 0.04 |
| 220 | 202.8 | -35.8 | -10.46 | 5.49 | 0.04 |
| 230 | 173.3 | -6.3 | -10.46 | 5.49 | 0.04 |
| 240 | 258.5 | -91.5 | -10.46 | 5.49 | 0.04 |
| 250 | 218.0 | -51.0 | -10.46 | 5.49 | 0.04 |
| 260 | 259.3 | -92.3 | -10.46 | 5.49 | 0.04 |
| 270 | 267.3 | -100.3 | -10.46 | 5.49 | 0.04 |
| 280 | 218.9 | -51.9 | -10.46 | 5.49 | 0.04 |
| 290 | 175.0 | -8.0 | -10.46 | 5.49 | 0.04 |
| 300 | 67.0 | 100.0 | -10.46 | 10.05 | 0.04 |
| 310 | 36.9 | 130.1 | -10.46 | 11.38 | 0.04 |
| 320 | 31.3 | 135.7 | -10.46 | 11.62 | 0.04 |
| 330 | 0.0 | 167.0 | -10.46 | 12.99 | 0.04 |
| 340 | 0.3 | 166.7 | -10.46 | 12.97 | 0.04 |
| 350 | 1.1 | 165.9 | -10.46 | 12.94 | 0.04 |

Ave EI = 86.31 M HAAT= 80.69 M AMSL= 167

Contour.out

N. Lat. = 212351.0 W. Lng. = 1580601.0
 HAAT and Distance to Contour - FCC Method - USGS 03 SEC

EXHIBIT E-1, FIGURE 8, DISTANCE TO CONTOURS, KGMZ
 Azi. AV EL HAAT dBk 60-F5 85.1-F5

| Azi. | AV EL | HAAT | dBk | 60-F5 | 85.1-F5 |
|------|-------|-------|--------|-------|---------|
| 000 | 453.8 | 288.2 | 8.13 | 45.43 | 11.82 |
| 010 | 398.0 | 344.0 | 10.10 | 53.19 | 14.37 |
| 020 | 331.2 | 410.8 | 12.04 | 61.43 | 17.56 |
| 030 | 290.1 | 451.9 | 13.98 | 68.66 | 20.58 |
| 040 | 259.1 | 482.9 | 15.71 | 75.35 | 23.53 |
| 050 | 224.8 | 517.2 | 16.96 | 80.67 | 26.31 |
| 060 | 191.8 | 550.2 | 18.33 | 85.73 | 29.43 |
| 070 | 163.2 | 578.8 | 19.37 | 89.50 | 32.18 |
| 080 | 107.4 | 634.6 | 19.96 | 93.03 | 35.05 |
| 090 | 69.0 | 673.0 | 19.91 | 94.40 | 36.12 |
| 100 | 39.5 | 702.5 | 19.46 | 94.42 | 36.07 |
| 110 | 30.0 | 712.0 | 18.49 | 92.40 | 34.33 |
| 120 | 35.4 | 706.6 | 17.15 | 89.03 | 31.47 |
| 130 | 41.7 | 700.3 | 15.92 | 85.94 | 29.14 |
| 140 | 40.1 | 701.9 | 14.24 | 82.01 | 26.57 |
| 150 | 51.7 | 690.3 | 12.04 | 76.19 | 23.33 |
| 160 | 51.6 | 690.4 | 8.94 | 68.43 | 19.39 |
| 170 | 57.8 | 684.2 | 5.58 | 60.13 | 15.19 |
| 180 | 52.0 | 690.0 | 2.61 | 53.63 | 12.01 |
| 190 | 52.4 | 689.6 | 1.94 | 52.12 | 11.36 |
| 200 | 52.4 | 689.6 | 1.21 | 50.50 | 10.68 |
| 210 | 46.1 | 695.9 | -0.45 | 46.99 | 9.25 |
| 220 | 41.1 | 700.9 | -3.10 | 41.36 | 7.24 |
| 230 | 41.0 | 701.0 | -7.96 | 31.31 | 4.49 |
| 240 | 26.4 | 715.6 | -4.44 | 38.97 | 6.42 |
| 250 | 5.5 | 736.5 | 0.42 | 50.27 | 10.15 |
| 260 | 10.2 | 731.8 | 2.92 | 55.68 | 12.60 |
| 270 | 25.2 | 716.8 | 2.28 | 53.77 | 11.84 |
| 280 | 58.2 | 683.8 | 0.42 | 48.53 | 9.94 |
| 290 | 37.9 | 704.1 | -4.44 | 38.63 | 6.40 |
| 300 | 49.5 | 692.5 | -10.46 | 26.99 | 3.44 |
| 310 | 98.2 | 643.8 | -7.96 | 29.89 | 4.45 |
| 320 | 240.7 | 501.3 | -4.44 | 31.79 | 5.97 |
| 330 | 298.6 | 443.4 | 2.28 | 42.18 | 10.05 |
| 340 | 503.7 | 238.3 | 4.61 | 35.79 | 8.75 |
| 350 | 434.4 | 307.6 | 6.44 | 43.32 | 11.08 |

Ave EI = 136.38 M HAAT= 605.62 M AMSL= 742 M