

EXHIBIT E-1
TECHNICAL STATEMENT
K296FV 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 Construction Permit for K296FV, Facility ID 153520, BNPFT-20030829AXI. K296FV seeks to change its proposed transmitter site near Kaneohe, to the Wiliwilinui Ridge southeast of Honolulu. This is an established communications site. There are several FM stations located on this ridge.

The proposed K296FV will operate with an Effective Radiated Power of 10 watts both Horizontal and Vertical polarization. It proposed to use a Nicom Model BKG 77 one bay antenna mounted at 3 meters above ground on an existing guyed, 35 meter tower. K296FV also proposes operation on its first adjacent channel of channel 297.

Figure 1 shows a channel spacing study conducted from the proposed site for K296FV. It shows that the only pertinent stations concerned for potential interference that require further study is 3rd adjacent stations, KGMZ-FM Aiea, HI on channel 300C, and KNAN Nanakuli, HI (CP) on channel 294C2. The only other record of interest is a pending application for channel 295A at Nanakuli, HI, which is a 2nd adjacent channel to the proposed operation on channel 297 by K296FV. This application appears to be a “leftover” reserved allotment point from a previous FCC auction of channel 295A for Nanakuli, HI. This is likely outdated since this channel has been issued a CP on channel 294C2, KNAN, as mentioned above. However, it will be shown, that even the worse case 100 DBU interference contour generated by the proposed operation of K296FV on

channel 297, will not cover any persons, thus protection to all three of these CDBS records will be provided.

In regards to KGMZ-FM, KNAN (CP), and the application on channel 295A, all of these stations protected 60 DBU contours (F50,50) fall over the proposed site for K296FV. The worse case interference contour of the proposed K296FV would be 100 dbu, (F50,10). With only 10 watts ERP, this contour would not extend more than 0.22 kilometers (722 feet) from the antenna site. While the actual interference contour would actually be less than this, with the high level of signal from both KGMZ-FM and KNAN around the K296FV site, Figure 2 shows a 7.5 minute U.S.G.S. topographic map, which shows that there are no buildings within a 0.22 kilometers radius around the tower site. The access trail, which is a narrow, rugged, two hour long hiking trail, to the tower site and equipment shelter is not accessible by the general public. The equipment building is not normally occupied, and has no indoor plumbing or living quarters. The only other access to the site is via helicopter.

Figure 3 shows a population cell map, which also shows that there is no population located with the 100 dbu interference contour of K296FV.

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.

Figure 4 shows a table of the predicted distances to contours for K296FV for the pertinent contours of this study.

Figure 5 shows that the new proposed 60 dbu operation of K296FV will overlap with the existing proposed 60 dbu contour of K296FV specified in its current construction permit.

It was concluded that the new proposed operation of K296FV Honolulu on channel 297, at its new proposed tower site, 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
 K296FV HONOLULU, HI, ON CHANNEL 297D

REFERENCE
 21 19 49.0 N.
 157 45 24.0 W.

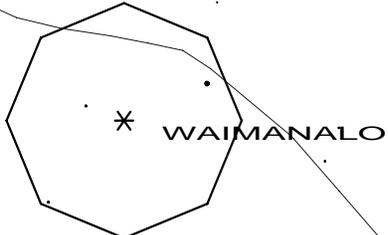
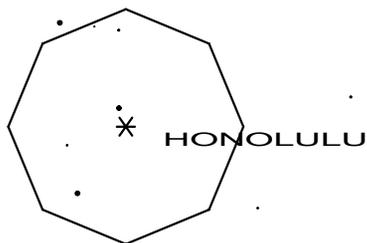
CH# 297D - 107.3 MHz, Pwr= 0.01 kW, HAAT= 665.7 M, COR= 747 M
 Average Protected F(50-50)= 14.44 km

DISPLAY DATES
 DATA 02-01-08
 SEARCH 02-01-08

CH CITY	CALL	TYPE STATE	ANT STATE	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	281.9 101.8	36.41 BLH19920828KG	21 23 51.0 158 06 01.0	100.000 599	14.0 742	94.1 Salem Media Of Hawaii, Inc	9.61	-57.91*
294C2 Nanakuli	KNAN	CP	_CX HI	281.7 101.6	36.26 BNPH20060310ACU	21 23 45.0 158 05 57.0	2.600 559	3.3 732	57.4 Big D Consulting, Inc.	20.11	-21.35*
296D Honolulu	K296FV	CP	DC_ HI	358.3 178.3	10.55 BNPFT20030829AXI	21 25 31.9 157 45 35.0	0.090	7.7 167	5.5 Kona Coast Radio, Llc.	-11.90*	-18.26
295A Nanakuli	AP4070	APP	____ HI	281.7 101.5	36.29 BSFH20050811ADP	21 23 45.0 158 05 58.0	6.000 100	3.7 234	38.9 Shamrock Communications, I	19.83	-2.80*
298C3 Kihei	KHEI-FM	CP	DCX HI	111.2 291.8	168.52 BMPH20071005ADP	20 46 31.0 156 14 49.0	0.200 955	62.1 2099	41.1 Visionary Related Entertai	92.02	104.64

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), Beamtlt(Y,N,X)
 "*"affixed to 'IN' or 'OUT' values = site inside protected contour.

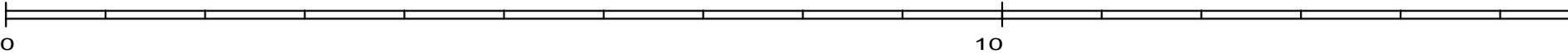
EXHIBIT E-1 FIGURE 3, Population Cell Map



100 dBu .1
⊕ K296FV

1:062,500

Scale in km



Contour.out

N. Lat. = 211949.0 W. Lng. = 1574524.0
 HAAT and Distance to Contour - FCC Method - USGS 03 SEC

EXHIBIT E-1, FIGURE 4, TABLE OF DISTANCES TO CONTOURS
 Azi. AV EL HAAT dBk 60-F5 100-F1

Azi.	AV EL	HAAT	dBk	60-F5	100-F1
000	52.7	694.3	-20.00	14.74	0.22
010	50.9	696.1	-20.00	14.75	0.22
020	17.5	729.5	-20.00	15.07	0.22
030	28.5	718.5	-20.00	14.97	0.22
040	18.7	728.3	-20.00	15.05	0.22
050	9.5	737.5	-20.00	15.14	0.22
060	7.0	740.0	-20.00	15.16	0.22
070	6.4	740.6	-20.00	15.16	0.22
080	7.6	739.4	-20.00	15.15	0.22
090	25.2	721.8	-20.00	15.00	0.22
100	121.6	625.4	-20.00	14.00	0.22
110	96.5	650.5	-20.00	14.28	0.22
120	65.1	681.9	-20.00	14.61	0.22
130	43.9	703.1	-20.00	14.82	0.22
140	37.2	709.8	-20.00	14.89	0.22
150	33.4	713.6	-20.00	14.92	0.22
160	19.1	727.9	-20.00	15.05	0.22
170	34.4	712.6	-20.00	14.91	0.22
180	13.7	733.3	-20.00	15.10	0.22
190	38.7	708.3	-20.00	14.87	0.22
200	42.2	704.8	-20.00	14.84	0.22
210	59.9	687.1	-20.00	14.66	0.22
220	69.6	677.4	-20.00	14.57	0.22
230	49.7	697.3	-20.00	14.77	0.22
240	65.8	681.2	-20.00	14.61	0.22
250	68.0	679.0	-20.00	14.58	0.22
260	104.9	642.1	-20.00	14.19	0.22
270	150.9	596.1	-20.00	13.65	0.22
280	199.5	547.5	-20.00	13.04	0.22
290	327.7	419.3	-20.00	11.80	0.22
300	390.8	356.2	-20.00	11.00	0.22
310	480.6	266.4	-20.00	9.54	0.22
320	225.4	521.6	-20.00	12.76	0.22
330	82.2	664.8	-20.00	14.43	0.22
340	50.4	696.6	-20.00	14.76	0.22
350	31.9	715.1	-20.00	14.94	0.22

Ave EI = 86.86 M HAAT= 660.14 M AMSL= 747

EXHIBIT E-1, FIGURE 5, OVERLAP WITH K296FV CP

FMCommander Single Allocation Study
02-01-2008

K296FV CH 297 D
0.01 kW 747 M COR
Prot. = 60 dBu
Intef. = 54 dBu

K296FV.C CH 296 D BNPFT20030829AXI
0.09 kW, 167 M COR DA
Prot. = 60 dBu
Intef. = 54 dBu

