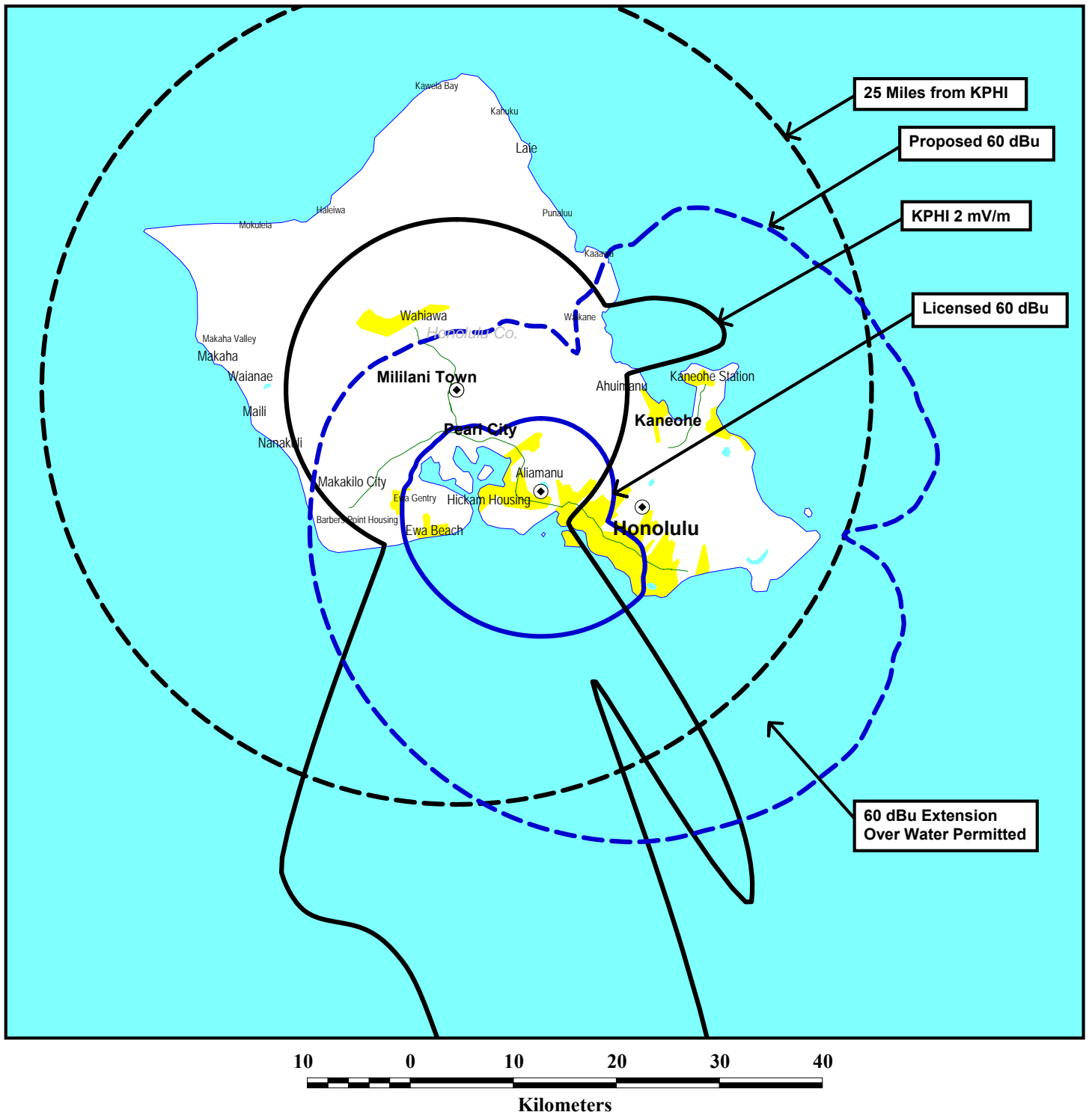


Figure 1



### AM FILL-IN COMPLIANCE MAP

FM TRANSLATOR STATION K244EO  
HONOLULU, HAWAII  
CH 244 (96.7 MHZ) 0.25 kW (ND)

du Treil, Lundin & Rackley, Inc. Sarasota, Florida

# FM Contour Study

du Treil, Lundin, &amp; Rackley, Inc., Sarasota, Florida



**Channel:** 244    **Coordinates:** 021-20-10 157-49-03 (NAD 27)    **ERP:** 0.25 kW    **Max. HAAT:** 612 m    **Considering Only Interference Caused**

**Comment:** Proposed K244EO

Callsign	Chan.	Service	Status	Freq.	City	State	Co.	Rec.	Latitude	Dist. (km)	Sep. (km)	Spac. (km)
Facility ID	ARN			Class	DA	73.215	ERP (kW)	HAAT (m)	Longitude	Bear. (deg)	Comment	
<b>KRTR-FM</b>	242	FM	LIC	96.3	KAILUA	HI	US	C	21-19-49	6.34	96.08	-89.74
50118	BMLH	20130125AEI	C	N	N	75	645		157-45-24	95.87	<b>SHORT</b>	/ 1
KRTR-FM 60.0 dBu desired distance: 95.0 km				Proposed 100.0 dBu undesired distance: 1.1 km								
<b>K244EO</b>	244	FX	LIC	96.7	HONOLULU	HI	US	C	21-20-59	9.97	107.31	-97.34
146666	BLFT	20111020ACG	D	N	N	0.25	11.2		157-54-45	278.76	<b>SHORT</b>	/ 2
K244EO 60.0 dBu desired distance: 14.1 km				Proposed 40.0 dBu undesired distance: 93.2 km								
<b>KQNS-LP</b>	245	FL	LIC	96.9	HALEIWA	HI	US	C	21-38-36	40.96	56.37	-15.41
194203	BLL	20170127ADD	L1	N	N	0.009	96		158-02-16	326.33	<b>SHORT</b>	/ 3
KQNS-LP 60.0 dBu desired distance: 5.6 km				Proposed 54.0 dBu undesired distance: 50.8 km								
<b>K246BR</b>	246	FX	LIC	97.1	HONOLULU	HI	US	C	21-20-10	0	33.8	-33.8
151909	BLFT	20110912ACH	D	N	N	0.25	512.1		157-49-03	118.23	<b>SHORT</b>	/ 3
K246BR 60.0 dBu desired distance: 32.7 km				Proposed 100.0 dBu undesired distance: 1.1 km								
<b>K298BA</b>	298	FX	LIC	107.5	HONOLULU	HI	US	C	21-20-10	0	29	-29
153520	BLFT	20110912ACI	D	N	N	0.25	512.1		157-49-03	118.23	<b>SHORT</b>	/ 4

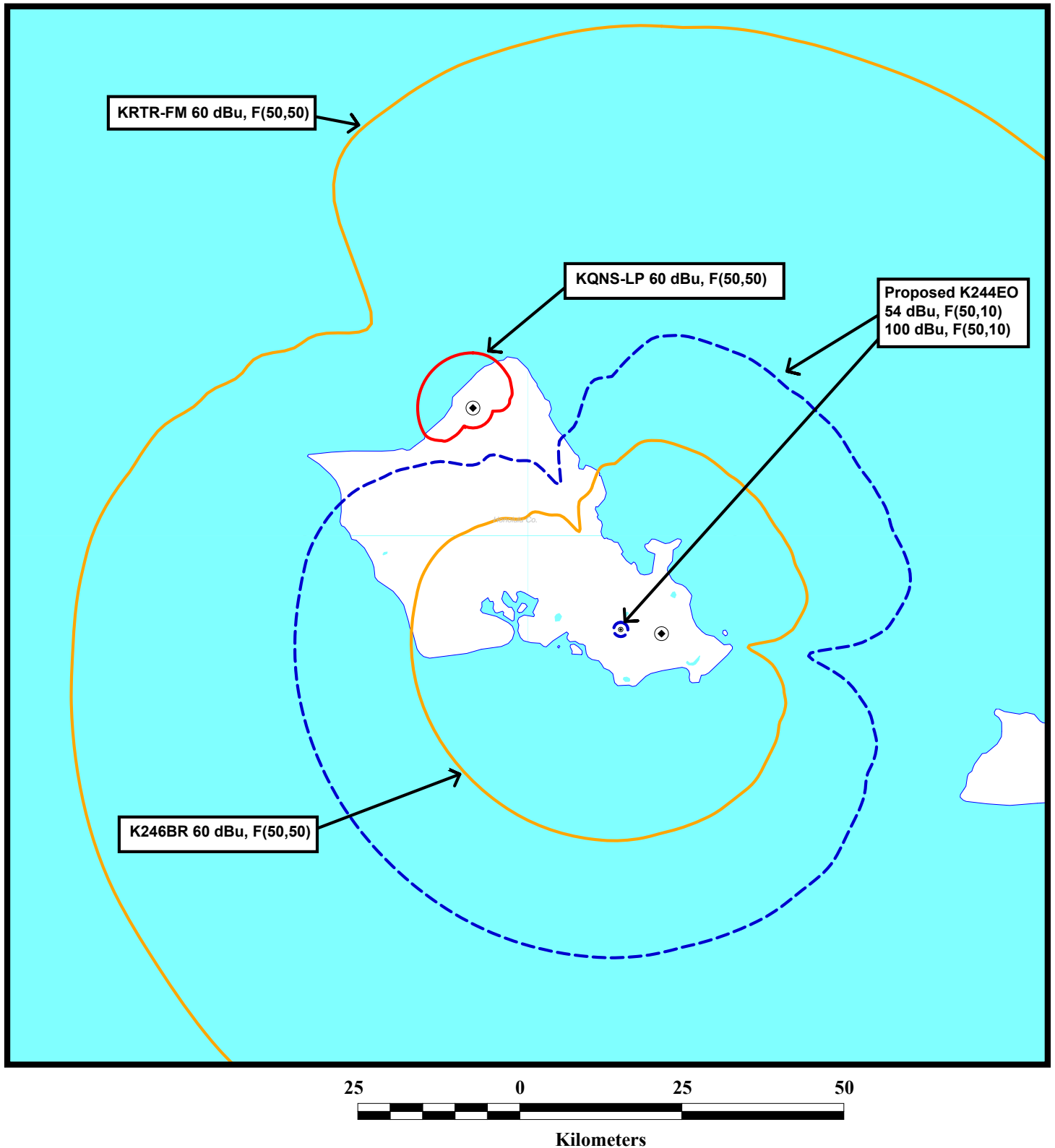
/1 There will be overlap normally prohibited by Section 74.1204(a) (see Figure 3). However, based on the U/D signal strength interference ratio methodology, which is permitted by the FCC per Living Way Ministries, Inc., it has been determined that no actual interference would occur due to lack of population under Section 74.1204(d).

/2 Current K244EO authorization being modified by the instant application.

/3 Proposal complies with the contour overlap provisions of Section 74.1204(a). See Exhibit 17 and Figure 3.

/4 Not an allocation issue.

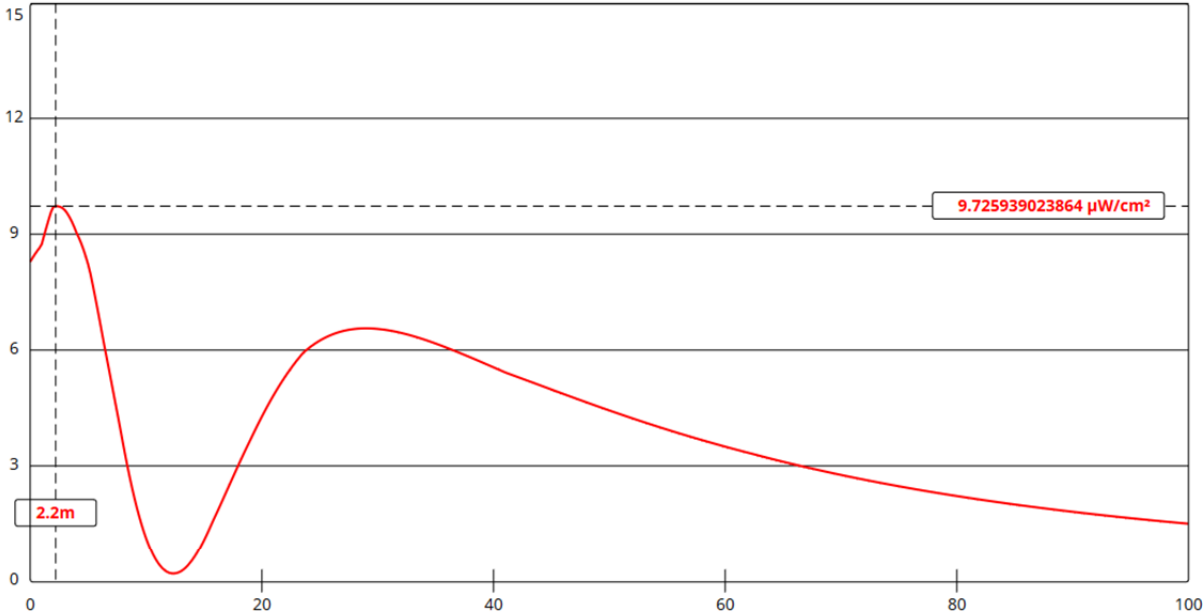
Figure 3



**COMPLIANCE WITH SECTION 74.1204**  
**FM TRANSLATOR STATION K244EO**  
**HONOLULU, HAWAII**  
**CH 244 (96.7 MHZ) 0.25 kW (ND)**

du Treil, Lundin & Rackley, Inc. Sarasota, Florida

Figure 4



View Tabular Results +

Channel Selection	Channel 250 (97.9 MHz) ▾		
Antenna Type +	EPA Type 1: Ring-and-Stub or "Other" ▾		
Height (m)	<input type="text" value="13"/>	Distance (m)	<input type="text" value="100"/>
ERP-H (W)	<input type="text" value="250"/>	ERP-V (W)	<input type="text" value="250"/>
Num of Elements	<input type="text" value="3"/>	Element Spacing (λ)	<input type="text" value="0.5"/>
Num of Points	<input type="text" value="500"/>	<input type="button" value="Apply"/>	

Sonny Cavazos  
Find: Looking at a possible move for  
What do you think?  
Based on some other analyses for m