

Figure 1

# FM Contour Study

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



Channel: 241 Coordinates: 020-50-14 156-20-11 (NAD 27) ERP: 0.25 kW Max. HAAT: 461 m

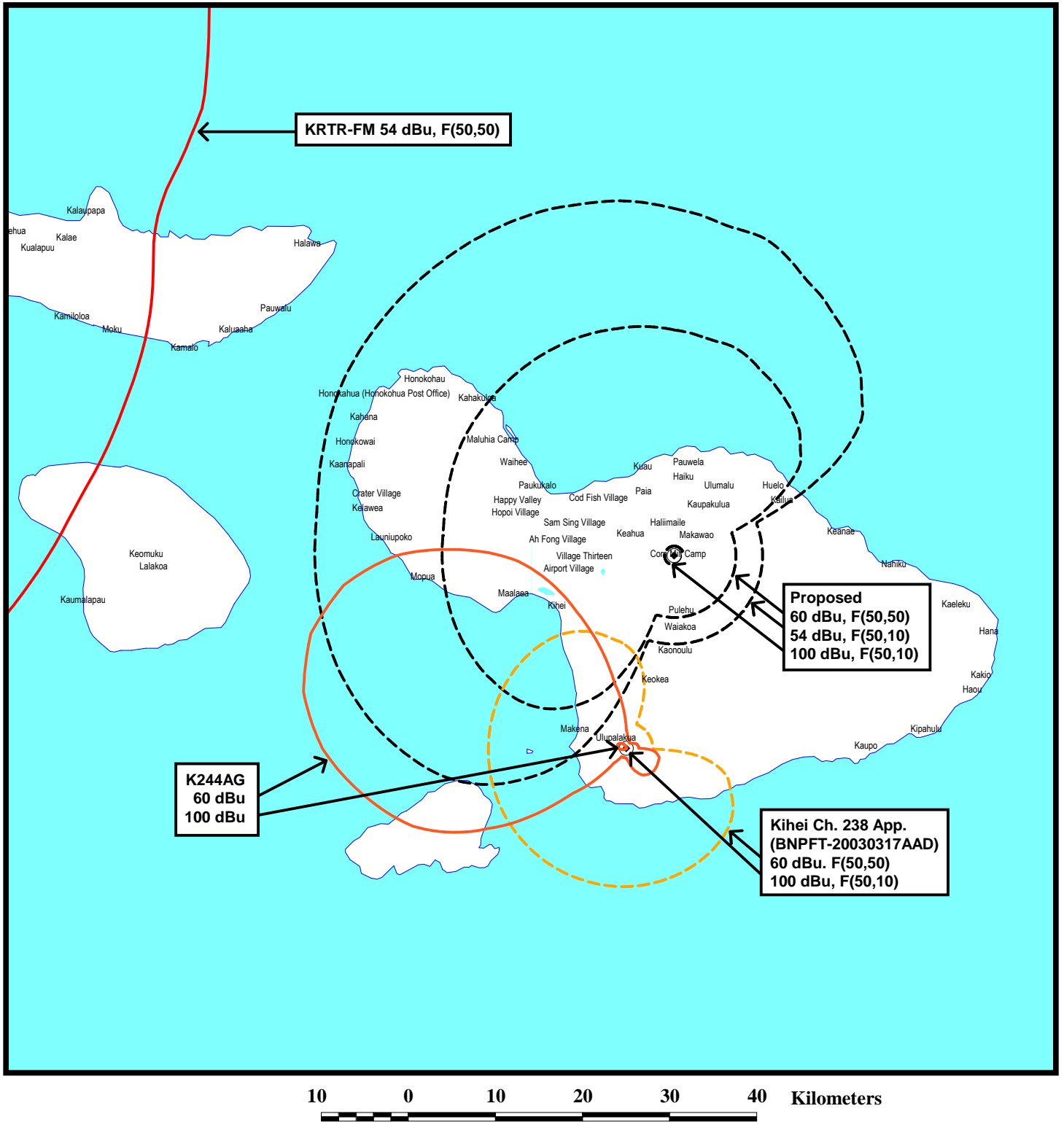
Comment: Proposed Ch 241, Kihei, HI

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	
NEW	238	FX	APP	95.5	KIHEI	HI	US	C	20-38-13.3	22.86	27.9	-5.04
148023	BNPFT	20030317AAD	D	N	N		0.01		156-23-23.9	194.06	SHORT	Note 1
NEW 60.0 dBu desired distance: 15.9 km						Proposed 100.0 dBu undesired distance: 1.1 km						
Proposed 60.0 dBu desired distance: 27.7 km						NEW 100.0 dBu undesired distance: 0.2 km						
NEW	241	FX	APP	96.1	KIHEI	HI	US	C	20-44-32	10.79	99.58	-88.79
142837	BNPFT	20030313AMC	D	N	N		0.01		156-18-48	167.21	SHORT	Note 2
NEW 60.0 dBu desired distance: 16.7 km						Proposed 40.0 dBu undesired distance: 82.9 km						
Proposed 60.0 dBu desired distance: 27.7 km						NEW 40.0 dBu undesired distance: 62.4 km						
KRTR-FM	242	FM	LIC	96.3	KAILUA	HI	US	C	21-19-49	157.36	167.4	-10.04
50118	BMLH	20130125AEI	C	N	N		75	645	157-45-24	290.66	SHORT	Note 1
KRTR-FM 60.0 dBu desired distance: 95.0 km						Proposed 54.0 dBu undesired distance: 43.1 km						
Proposed 60.0 dBu desired distance: 27.7 km						KRTR-FM 54.0 dBu undesired distance: 139.7 km						
K244AG	244	FX	LIC	96.7	MAUI	HI	US	C	20-38-18	22.69	39.57	-16.88
33392	BLFT	20110406ACW	D	C	N		0.25	407	156-23-21	193.95	SHORT	Note 1
K244AG 60.0 dBu desired distance: 38.5 km						Proposed 100.0 dBu undesired distance: 1.1 km						
Proposed 60.0 dBu desired distance: 27.7 km						K244AG 100.0 dBu undesired distance: 1.1 km						

Note 1: Proposal complies with the contour overlap provisions of Section 74.1204(a). See Exhibit 17 and Figure 2.

Note 2: Pending Tech Box proposal being amended by the instant application.

Figure 2



**COMPLIANCE WITH SECTION 74.1204**  
**NEW FM TRANSLATOR STATION**  
**KIHEI, HAWAII**  
**CH 241D 0.25 kW (ND)**

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The map displays the island of Maui with various locations labeled. Two noise contours are shown: a solid line for KRYL 60 dBU, F(50,50) and a dashed line for a proposed 60 dBU, F(50,50) contour. The proposed contour is larger and encompasses more of the island's interior. A box labeled '60 dBU, F(50,50) BNPFT-20030313AMC (Original Tech Box Proposal)' has an arrow pointing to the dashed contour. Another box labeled 'KRYL 60 dBU, F(50,50)' has an arrow pointing to the solid contour. The map also shows the coastline and several smaller islands to the west and south.

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