

**Broadcast Engineering Services of Bonny Doon, Inc.**

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**Engineering Statement  
in support of a Minor Amendment  
to the application for a new translator at Kailua Kona, Hawaii  
BNPFT 20030317AAE**

The applicant is requesting a minor tech box amendment to eliminate conflicts and overlaps with the other applications in Group 156. The applicant proposes to migrate to an adjacent registered tower on the same mountain, correct the proposed effective radiated power and heights, and change the operating frequency by one channel. By changing the proposed output channel of the Kailua Kona proposal to Ch. 243, all conflicts are resolved and no prohibited overlap will result.

This proposal is not located within 39 kilometers of any spectrum limited market grid, nor within a top-50 market. Because of this, no LPFM preclusion study is required.

An allocation study, along with detail maps, is attached to this statement.

Respectfully submitted,

A handwritten signature in black ink, appearing to read 'D. Mussell Jr.', with a stylized, cursive flourish at the end.

Donald E. Mussell Jr. NCE-CBT  
Consulting Engineer  
July 19, 2013

Broadcast Engineering Services of Bonny Doon, Inc.  
Don Mussell NCE-CBT

REFERENCE		CH# 243D - 96.5 MHz, Pwr= 0.01 kw, HAAT= 820.9 M, COR= 1620 M						DISPLAY DATES	
19 43 15.0 N.		Visionary Related Entertainment, Inc						DATA 07-11-13	
155 55 16.0 W.		Average Protected F(50-50)= 15.78 km						SEARCH 07-19-13	
		omni-directional							

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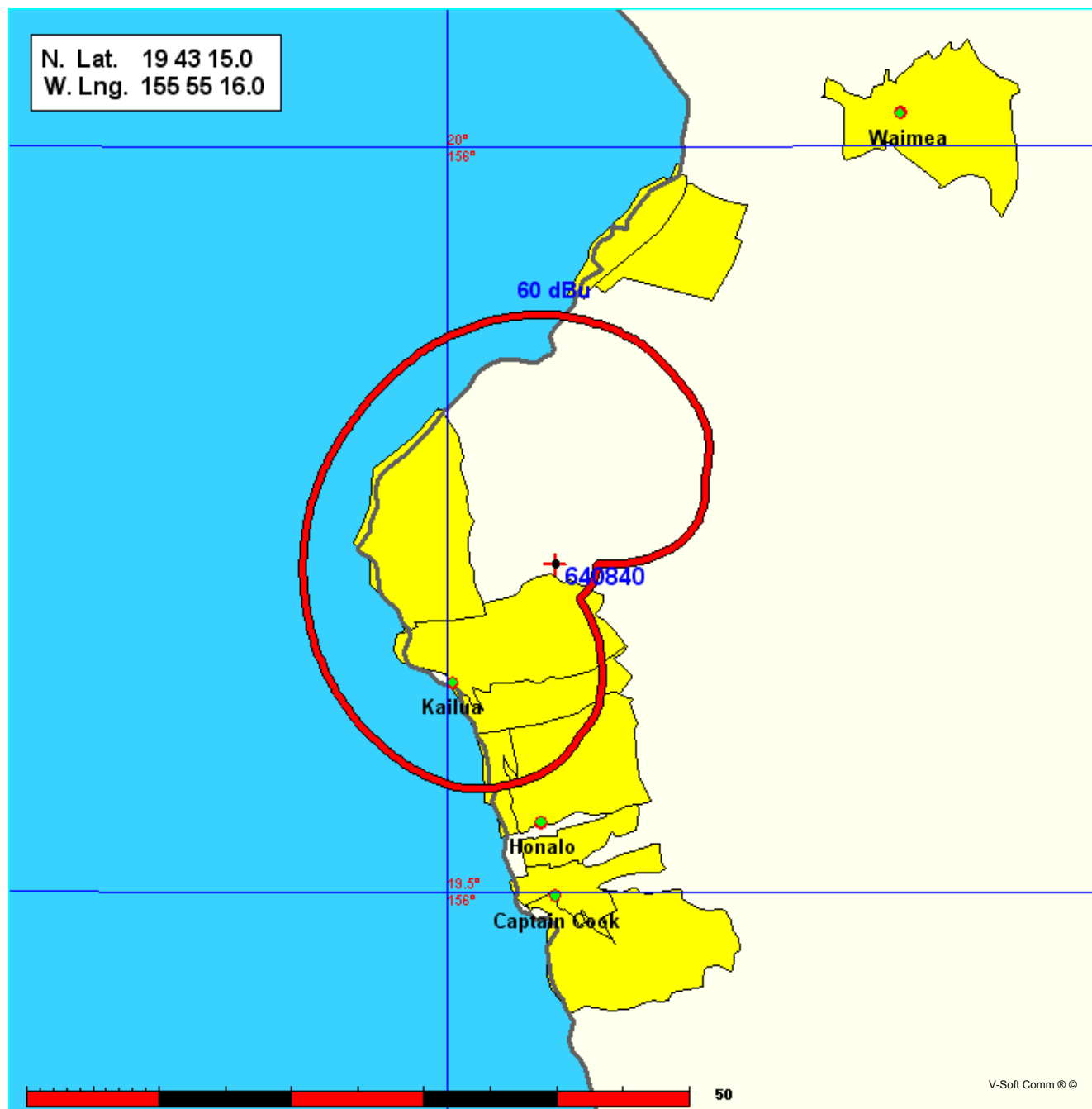
CH	CALL	TYPE	ANT	AZI	DIST	LAT	PWR(kw)	INT(km)	PRO(km)	*IN*	*OUT*
CITY		STATE		<--	FILE #	LNG	HAAT(M)	COR(M)	LICENSEE	(Overlap	in km)
244D	640840	APP _H_		141.6	0.74	19 42 56.0	0.090	57.9	38.2	-60.3*	-41.8*
Kailua Kona		HI		321.6	BNPFT20030317AAE	155 55 00.0	924	1753	Visionary Related Entertai		

Terrain database is FCC NGDC 30 Sec , R= 73.215 qualifying spacings or FCC minimum Spacings in KM, M= Margin in KM  
In & Out distances between contours are shown at closest points. Reference zone= west Zone, Co to 3rd adjacent.  
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.

New Kailua-Kona  
Visionary Related Entertainment, Inc

Coverage Study - FCC NGDC 30 Sec  
07-19-2013

640840 CH243 D , 0.01 kW, 820.9M HAAT, 1620.0M COR AMSL  
Service Contour = 60 dBu. Population = 25,954



State of Hawaii )  
Kilauea )  
County of Kauai )

That he declares, under penalty of perjury, that the foregoing engineering exhibits were prepared by him or under his direction and supervision; and that the statements contained therein are true and correct to the best of his belief and knowledge.

Donald E. Mussell Jr. NCE-CBT  
Consulting Engineer  
July 19, 2013