

May 2013
New FM Translator
Princeville, HI Channel 265D
Allocation Study for Tech Box Amendment

This Tech Box amendment is being filed in order to resolve all conflicts with other applications in MX Group #157, by changing the proposed output channel from Channel 264 to Channel 265.

The attached spacing study shows the spacing between the proposed translator site and the location of cochannel and adjacent channel stations and proposals. This study was made with the Commission's Class A spacing requirements, and individual situations were examined to determine the lack of prohibited contour overlap per the requirements of §74.1204 of the Rules. The attached allocation study map demonstrates that the amended Princeville proposal is no longer MXed with the other two applications from MX Group #157.

Hatfield & Dawson Consulting Engineers

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SEARCH PARAMETERS FM Database Date: 130528

Channel: 265A 100.9 MHz Page 1

Latitude: 22 13 31

Longitude: 159 29 57

Safety Zone: 50 km

Job Title: PRINCEVILLE 265

Call Status	City St	FCC File No.	Channel Freq.	ERP(kW) HAAT(m)	Latitude Longitude	Bearing deg-True	Dist (km)	Req (km)
K209FK CP	LIHUE HI	BPFT-30103AAE	212D 90.3	0.019 352.0	21-59-54 159-25-35	163.4	26.23 0.00	0 TRANS
NEW-T APP	KAPAA HI	BNPFT-30313AOP	264D 100.7	0.250 100.0	22-05-51 159-19-58	129.6	22.24 0.00	0 TRANS
NEW-T APP	PRINCEVILLE HI	BNPFT-30314CJN	264D 100.7	0.008 46.0	22-13-31 159-29-57	0.0	0.00 0.00	0 TRANS
RSV	WAIANAE HI	RM-10623	266C 101.1	0.000 0.0	21-23-51 158-06-01	122.3	171.24 6.24	165 CLOSE
KORL-FM LIC	WAIANAE HI	BLH-70706ACG	266C 101.1	100.000 592.0	21-23-45 158-05-58	122.3	171.41 6.41	165 CLOSE
NEW-T APP	MOLOA'A HI	BNPFT-30314ADP	267D 101.3	0.080 164.0	22-13-36 159-23-54	89.1	10.40 0.00	0 TRANS

===== END OF FM SPACING STUDY FOR CHANNEL 265 =====

