

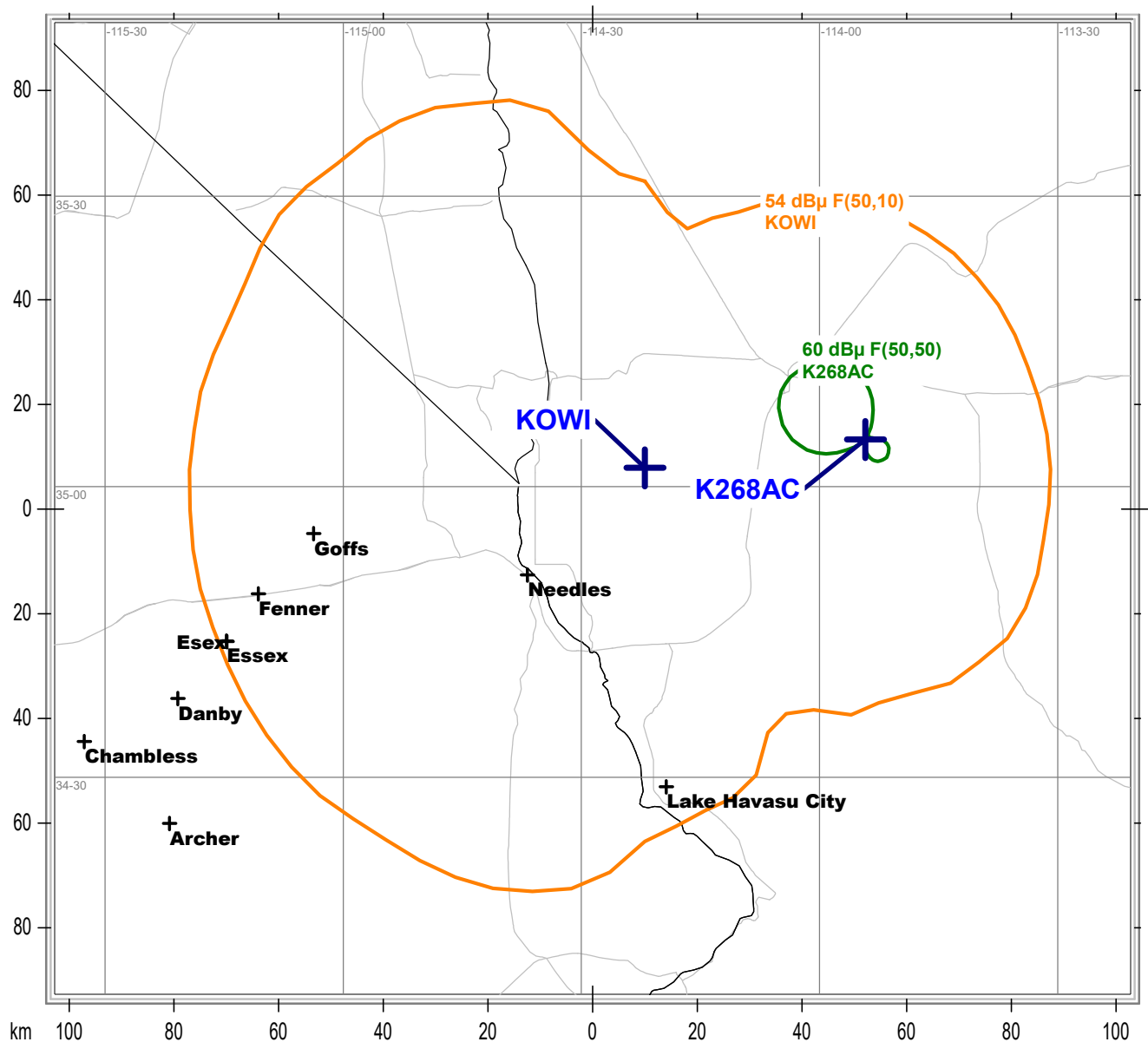
Request for Non-Adjacent Channel Change

Applicant is requesting a change to non-adjacent channel 298 as a minor modification to the existing license. Currently K268AC operates on channel 268 which is a 1st adjacent to KOWI,. As demonstrated on the attached contour interference map, the interfering 54 dBμ F(50,10) of KOWI totally encompasses the protected 60 dBμ F(50,50) contour of K268AC, which results in received interference. The interference from KOWI is completely eliminated by moving to non-adjacent channel 298.

Adjacent Channel Study - channel 268
K268AC, Kingman, AZ FAC# 9036
8/27/2023

Callsign	State	City	Channel	ERP (W)	Class	Status	Distance (km)	Clr
KOWI	AZ	OATMAN	267	2200	C2	LIC	42.53	-20.42 dB
KJZK	AZ	KINGMAN	214	30	A	LIC	4.51	-5.5
K270CI	AZ	KINGMAN	270	250	D	LIC	17.97	-0.44 dB
KWLP	AZ	PEACH SPRINGS	265	8700	C3	APP	69.91	13.13 dB
KWLP	AZ	PEACH SPRINGS	265	8700	C3	LIC	69.91	13.13 dB
KIXF	CA	BAKER	268	4300	B	LIC	188.03	16.66 dB
KWID	NV	LAS VEGAS	270	47000	C0	LIC	140.95	17.92 dB
K267CK	AZ	KINGMAN	267	90	D	LIC	43.18	18.28 dB
K268CS	NV	LAS VEGAS	268	250	D	LIC	163.92	18.81 dB
KXBB	AZ	CIENEGA SPRINGS	269	1650	B1	LIC	88.84	20.31 dB
K265CJ	NV	LAUGHLIN	265	120	D	LIC	79.39	21.01 dB
K270CX	NV	CALNEVAIR	270	250	D	LIC	67.48	24.14 dB
KCLS	UT	LEEDS	268	40000	C0	LIC	199.42	25.95 dB
KCLS	UT	LEEDS	268	40000	C0	CP MOD	199.71	26.84 dB
KAHM	AZ	SPRING VALLEY	271	26000	C	CP MOD	169.32	26.54 dB
KZCE	AZ	CORDES LAKES	266	40000	C	LIC	170.81	26.07 dB
KAHM	AZ	PRESCOTT	271	58000	C	LIC	169.06	27.80 dB
KALV-FM	AZ	PHOENIX	268	100000	C	LIC	257.79	35.15 dB
K269EE	AZ	PRESCOTT	269	250	D	LIC	147.72	37.06 dB
KCLS	UT	LEEDS	268	400	C0	LIC	199.42	37.88 dB
KPKK	NV	AMARGOSA VALLEY	266	100000	C	CP MOD	240.61	37.26 dB

KOWI Interference Map



35-4-52N, 113-54-14.8W, 38W, 10W, channel 268, LOG-R @ 310°, KLUK

State Borders Highways Lat/Lon Grid

Map Scale: 1:1252951 1 cm = 12.53 km V/H Size: 185.82 x 205.67 km

Gene Wisniewski