

Request for Non-Adjacent Channel Change into Commercial Band

Applicant is requesting a change to non-adjacent channel 278 as a minor modification to the existing license. Currently K217AW operates on channel 217 which is 1st adjacent to new NCE CP, KIZY on channel 218. Please refer to the attached adjacent channel study and contour interference map demonstrating the interfering 54 dB μ F(50,10) contour of K217AW completely engulfs the protected 60 dB μ F(50,50) contour of KIZY which results in prohibited overlap. The prohibited overlap with KIZY will be completely eliminated by moving to non-adjacent channel 278.

Waiver 74.1233 Request to Move to Commercial Band

Due to the recent NCE window, applicant is seeking a displacement channel due to new NCE KIZY, which will displace this facility. A comprehensive engineering analysis indicates that there are no channels in the non-commercial band available at this location; therefore, applicant respectfully requests a waiver to allow a move to a non-adjacent channel in the commercial band as a minor modification.

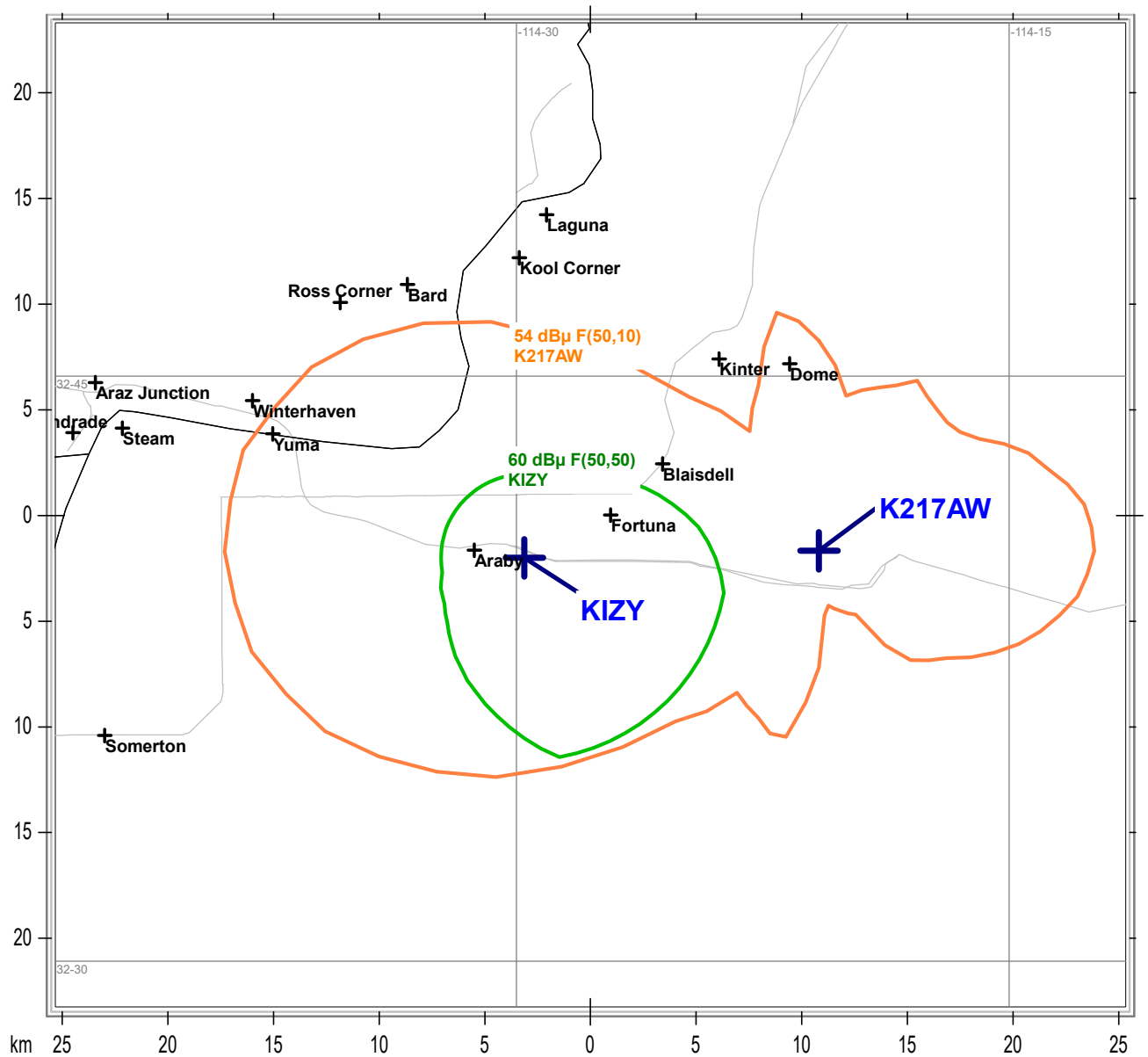
Advance Ministries' FM translator K217AW, 91.3, Yuma, Arizona, has been providing programming addressing the interests of the Yuma, Arizona community for over 30 years. Over the years, Advance Ministries has received numerous letters and telephone calls from listeners expressing their appreciation for our programming and the difference it has made in the community.

Programs are shared that strengthen families, encourage community involvement and provide resources for dealing with alcoholism, drug abuse, and other life controlling issues. The public interest will be served if K217AW is allowed to remain on the air at its current location on channel 278.

Adjacent Channel Study on Channel 217
K217AW, Yuma, AZ FAC# 67807
8/26/2023

Callsign	State	City	Channel	ERP (W)	Class	Status	Distance (km)	Clr
KIZY	AZ	FORTUNA FOOTHILLS	218	800	A	CP	14.01	-29.57 dB
	SO	SAN LUIS RIO COLORADO	216	3000	A		44.9	-11.54 dB
	BN	CIUDAD MORELOS	214	50000	B		47.53	-3.65 dB
XHJCFM	BN	MEXICALI	218	50000	B	CP	103.89	0.64 dB
XHMOEFM	BN	MEXICALI	214	100000	C		103.66	4.37 dB
XHMOEFM	BN	MEXICALI	214	100000	C	CP	103.66	4.35 dB
KYRM	AZ	YUMA	220	6300	B	LIC	61.65	4.19 dB
XHMOEFM	BN	MEXICALI	214	100000	C		103.66	4.35 dB
XHJCFM	BN	MEXICALI	218	50000	B		103.89	5.08 dB
XHJCFM	BN	MEXICALI	218	50000	B		103.89	6.08 dB
WCE-MXG-22-AM	AZ	QUARTZSITE	217	950	C2	CP MOD	99.23	8.65 dB
KZYU-FM	AZ	WELLTON	219	3800	A	LIC	40.28	9.97 dB
KKJD	CA	BORREGO SPRINGS	217	190	A	LIC	199.94	30.55 dB
K217EF	CA	DESERT CENTER	217	10	D	LIC	149.93	31.18 dB
XETRAFM	BN	TIJUANA	216	100000	C		251.48	33.40 dB
XETRAFM	BN	TIJUANA	216	100000	C		251.48	33.32 dB
XETRA-FM	BN	TIJUANA	216	100000	C		253.54	33.65 dB
KJZZ	AZ	PHOENIX	218	100000	C	LIC	225.24	34.52 dB
	BN	SAN VICENTE	215	100000	C		230.3	36.61 dB
K217EZ	CA	COACHELLA	217	19	D	LIC	215.11	36.70 dB
K218DS	CA	NORTH BLYTHE	218	37	D	LIC	108.92	37.78 dB

KIZY Contour Interference Map



32-40-31.1N, 114-20-47.7W, 6m, 165W, channel 217, HDc-10, KNLB

State Borders Highways Lat/Lon Grid

Map Scale: 1:314210 1 cm = 3.14 km V/H Size: 46.60 x 50.68 km

Gene Wisniewski