

**February 2014
KHYX(FM) Channel 274C2
Winnemucca, Nevada
Allocation Study**

The attached spacing study shows that the proposed Channel 274C2 transmitter site meets the co-channel and adjacent channel spacing requirements for Class C2 stations as prescribed in §73.207 of the Commission's Rules, with the exception of a short-spacing to the vacant allotment on Channel 273C at Silver Springs, and to the pending Form 301 application for that channel (at the allotment site coordinates) as BNPH-20120530AOI. Processing pursuant to §73.215 of the Commission's Rules is requested with respect to the Silver Springs allotment and application, and the attached allocation study map is included to demonstrate the lack of prohibited contour overlap.

SEARCH PARAMETERS

FM Database Date: 140221

Channel: 274C2 102.7 MHz
 Latitude: 41 0 30
 Longitude: 117 46 9
 Safety Zone: 32 km
 Job Title: KHYX 274C2 WINNEMUCCA

Page 1

Call Status	City St	FCC File No.	Channel Freq.	ERP(kW) HAAT(m)	Latitude Longitude	Bearing deg-True	Dist (km)	Req (km)
K221AG LIC	WINNEMUCCA NV	BLFT-52	221D 92.1	0.008 468.0	41-00-38 117-45-40	69.9	0.72 0.00	0 TRANS
VAC	SILVER SPRINGS NV	RM-11167	273C 102.5	0.000 0.0	39-30-00 118-40-48	205.0	184.54 -3.46	188 SHORT
ABSOLUTE MINIMUM 73.215 SPACING = 176 KM								
NEW APP	SILVER SPRINGS NV	BNPH-20530AOI	273C 102.5	100.000 452.0	39-30-00 118-40-48	205.0	184.54 -3.46	188 SHORT
ABSOLUTE MINIMUM 73.215 SPACING = 176 KM								
NEW APP	SILVER SPRINGS NV	BSFH-20112AHE	273C 102.5	0.000 0.0	39-30-00 118-40-48	205.0	184.54 -3.46	188 SHORT
ABSOLUTE MINIMUM 73.215 SPACING = 176 KM								
KHYX LIC	WINNEMUCCA NV	BLH-30617AAE	274C2 102.7	0.800 655.0	41-00-41 117-45-58	37.0 SS	0.43 -189.57	190 SHORT
K276BG LIC	OROVADA NV	BLFT-820706IE	276D 103.1	0.170 431.0	41-31-36 118-03-30	337.3	62.46 0.00	0 TRANS

==== END OF FM SPACING STUDY FOR CHANNEL 274 =====

KHYX 274C2 Winnemucca
60 dBu F(50,50)
54 dBu F(50,10)

HUMBOLDT

ELKO

PERSHING

LANDER

New 273C Silver Springs
Allotment and Application (Max Class C)
60 dBu F(50,50)
54 dBu F(50,10)

CHURCHILL

LYON

KHYX 274C2 Allocation Study Map

0 15 30 45

Kilometers

Hatfield & Dawson 2/2014

©2012 CALIPER

