

**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.

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SEARCH PARAMETERS FM Database Date: 140221

Channel: 274C2 102.7 MHz Page 1

Latitude: 41 0 30

Longitude: 117 46 9

Safety Zone: 32 km

Job Title: KHYX 274C2 WINNEMUCCA

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

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