

Las_Vegas_Interference_Study.txt

Interference Study
Las Vegas, NV
August 7, 2013

ComStudy 2.2 search of channel 291 (106.1 MHz Class D)
at 36-05-29.0 N, 115-08-43.0 W.

CALL	CITY	ST	CHN	CL	DIST	SEP	BRNG	CLEARANCE
KSNE-FM	LAS VEGAS	NV	293	C0	15.60	0.00	126.3	See Note A
KOAS-FM1	HENDERSON	NV	289	D	6.40	0.00	352.8	See Note A
KOAS	DOLAN SPRINGS	AZ	289	C	6.40	0.00	352.8	See Note A
KWNR	HENDERSON	NV	238	C	15.54	29.00	126.3	See Note B
KWNR	HENDERSON	NV	238	C	15.54	29.00	126.3	See Note B
KOAS	DOLAN SPRINGS	AZ	289	C	79.58	0.00	110.6	See Note A
KOAS	DOLAN SPRINGS	AZ	289	C	18.61	0.00	150.3	See Note A
KSNE-FM	LAS VEGAS	NV	293	C0	15.60	0.00	126.3	See Note A
KZNV	AMARGOSA VALLEY	NV	291	C0	92.74	0.00	311.4	1.02 dB
KOAS	DOLAN SPRINGS	AZ	289	C	80.04	0.00	110.8	25.83 dB
K292ES	CANE SPRINGS	AZ	292	D	157.64	0.00	133.3	28.76 dB
KZNV	AMARGOSA VALLEY	NV	290	C1	127.99	0.00	299.0	31.54 dB
K292ES	CANE SPRINGS	AZ	292	D	157.64	0.00	133.3	34.13 dB
KXFF	COLORADO CITY	AZ	291	C1	207.77	0.00	56.9	38.17 dB
K291BU	YUCCA	AZ	291	D	164.50	0.00	146.1	38.92 dB

Note A: The applicant requests a waiver of 74.1204 to operate on the 2nd adjacent channel to both KSNE-FM and KOAS. The proposed 106.9 dBu interfering contour is completely contained within the 66.9 dBu contours of KSNE-FM and KOAS and doesn't encompass any population. Please see attached 2nd adjacent waiver showing and topographic map.

Note B: The applicant proposes a power less than 100 watts and therefore it is acceptable to operate on the IF channel of KWNR.