

## Channel Study

REFERENCE		CH# 288C2-		105.5 MHz, Pwr= 0.8 kW, HAAT= 940.9 M,		COR= 1383 M		DISPLAY DATES			
33 16 24.1 N.				Average Protected F(50-50)= 52.4 km				DATA 09-26-16			
112 16 48.0 W.				Omni-directional				SEARCH 09-28-16			
CH	CALL	TYPE	ANT	AZI.	DIST	LAT.	Pwr(kW)	INT(km)	PRO(km)	*IN*	*OUT*
CITY		STATE		<--	FILE #	LNG.	HAAT(M)	COR(M)	LICENSEE	(Overlap	in km)
288C2	KLVA!	LIC	NCX	137.1	40.84	33 00 14.0	50.000	142.5	56.1	-128.1	-130.3
Maricopa			AZ	317.3	BLFD20160407AAC	111 58 54.0	150	541	Educational Media Foundati		
287C2	KHOV-FM%^	LIC	CN	336.9	110.96	34 11 32.0	50.000	109.8	74.5	117.0R	-6.0M
Wickenburg			AZ	156.7	BLH19910830KD	112 45 13.0	150	1357	Univision Radio License Co		
287D	KHOV-FM1!	LIC	DCN	346.6	77.73	33 57 17.0	0.420	46.3	29.9	-23.0<	-32.7*<
Constellation			AZ	166.5	BLFTB19960920TI	112 28 34.0	257	1132	Univision Radio License Co		
290D	KHOT-FM1!	LIC	DE	44.3	27.59	33 27 03.0	7.000	0.8	14.7	-28.1*<	10.9
Glendale			AZ	224.4	BLFTB20030318AHA	112 04 20.0		490	Univision Radio License Co		
290C2	KHOT-FM«	LIC	ZCN	53.9	59.57	33 35 16.0	36.000	7.3	60.4	58.0R	1.6M
Paradise Valley			AZ	234.2	BLH19981216KB	111 45 38.0	176	688	Univision Radio License Co		
286D	K201CQ!	CP	DC	53.9	59.57	33 35 17.0	0.250	0.9	18.4	3.9	39.2
Mesa			AZ	234.2	BMPFT20160728AHE	111 45 39.0		664	Cedar Cove Broadcasting, I		
235D	K235CB«!	LIC	DC	71.4	21.50	33 20 04.8	0.250	78.0	65.0	15.0R	6.5M
Chandler			AZ	251.5	BLFT20150423AAE	112 03 39.5		816	Riviera Broadcasting, Llc		
288C1	KSNX	LIC	NCX	52.2	218.06	34 27 43.0	100.000	135.4	37.0	19.1	28.5
Heber			AZ	233.2	BLH20101203AAN	110 24 10.0	125	2038	Petracom Of Holbrook, Llc		
291L1	KURE-LP«	CP		127.3	81.31	32 49 42.0	0.100			53.0R	28.3M
Eloy			AZ	307.7	BNPL20131028ANO	111 35 17.0	28	485	Desert Rose Baha'i Institu		
286C1	KHOV-FM«	CP	CX	336.9	110.96	34 11 32.0	46.000	11.1	87.1	79.0R	32.0M
Wickenburg			AZ	156.7	BMPH20160520AAQ	112 45 13.0	410	1616	Univision Radio License Co		
287C3	KZLZ«	LIC	DCX	136.0	157.48	32 14 56.0	0.580	58.1	37.5	117.0R	40.5M
Casas Adobes			AZ	316.6	BLH20110322ABK	111 06 58.0	581	1350	KzLz, Llc		
289C3	KVRD-FM«	LIC	CX	5.4	157.48	34 41 12.0	0.300	52.5	33.8	117.0R	40.5M
Cottonwood			AZ	185.5	BMLH20100428AEN	112 07 00.0	779	2356	Yavapai Broadcasting Corpo		

Terrain database is GLOBE 30 Sec, R= 73.215 qualifying spacings or FCC minimum spacings in KM, M= Margin in KM

Contour distances are on direct line to and from reference station. Reference Zone= - Zone 2, Co to 3rd adjacent.

Ant Column: (D= DA Standard, Z= DA 73.215, N= Not DA 73.215, \_= Omni), Polarization (C,H,V,E), Beamtilt(Y,N,X)

""affixed to 'IN' or 'OUT' values = site inside restricted contour.

< = Station meets FCC minimum distance spacing for its class.

< = Contour Overlap

^ = Power and antenna height 'Max classed' as per Sec 73.215 protection requirements

Reference station has protected zone issue: Mexico

Educational Media Foundation

FMCommander Single Allocation Study - 10-06-2016 - GLOBE 30 Sec  
 KLVA's Overlaps (In= 27.84 km, Out= 52.34 km)

KLVA CH 288 C2 73.215 N  
 Lat= 33 16 24.1, Lng= 112 16 48.0  
 0.8 kW 940.9 m HAAT, 1383 m COR  
 Prot.= 60 dBu, Intef.= 40 dBu

KSNX CH 288 C1 73.215 N BLH20101203AAN  
 Lat= 34 27 43.0, Lng= 110 24 10.0  
 100.0 kW 125 m HAAT, 2038 m COR  
 Prot.= 60 dBu, Intef.= 40 dBu

