

EXHIBIT E-1**Page 1**

TV CHANNEL INTERFERENCE STUDY

Job title:

Proposed latitude: N 35 6 37.00

Proposed longitude: W 113 52 55.00

Proposed transmit antenna elevation(AMSL):2200.0 meters

Proposed maximum ERP: 9.0000 kW

Database file name: C:\Program Files\Edx Engineering\SIGNAL(tm) 6.1\tv_database\

Proposed offset: 0 offset

Proposed zone: 1

Proposed channel: 36

CH	Call	Record	City	ST	Z	Status	Bear.	Dist.	Reqd. Dist.	Result
36	KPNX	17205	MESA	AZ	2	LIC	139.2	258.7	310.3	ACINF
Prop	F(50,10)	20 dBu	139.7 km + KPNX	F(50,90)	41		dBu	116.5 km =	256.1	
Prop	F(50,50)	74 dBu	9.5 km + KPNX	F(50,10)	29		dBu	300.8 km =	310.3	
36	KPNX	17206	MESA	AZ	2	APP	139.2	258.7	315.9	ACINF
Prop	F(50,10)	20 dBu	139.7 km + KPNX	F(50,90)	41		dBu	118.3 km =	258.0	
Prop	F(50,50)	74 dBu	9.5 km + KPNX	F(50,10)	29		dBu	306.5 km =	315.9	
36	KPNX_DT	17231	MESA	AZ	2	ALLOC	139.2	258.7	311.6	ACINF
Prop	F(50,10)	20 dBu	139.7 km + KPNX_D	F(50,90)	41		dBu	117.2 km =	256.9	
Prop	F(50,50)	74 dBu	9.5 km + KPNX_D	F(50,10)	29		dBu	302.1 km =	311.6	
36	K36AE	17259	CLARKDALE, ETC.	AZ	0	LIC	105.8	168.1	137.6	
Prop	F(50,10)	29 dBu	85.6 km + K36AE	F(50,50)	74		dBu	18.4 km =	104.1	
Prop	F(50,50)	74 dBu	6.2 km + K36AE	F(50,10)	29		dBu	131.4 km =	137.6	
21+	NEW	17823	PEACH SPRING	AZ	0	APP	12.4	101.2	38.6	
Existing	NEW	F(50,50)	74 dBu						38.6 km	
36	NEW	17954	MESQUITE	NV	0	APP	0.3	226.2	206.6	
Prop	F(50,10)	29 dBu	144.1 km + NEW	F(50,50)	74		dBu	32.1 km =	176.2	
Prop	F(50,50)	74 dBu	19.6 km + NEW	F(50,10)	29		dBu	187.1 km =	206.6	
36	K57BG	17955	SANTA CLARA, ETC.	UT	0	APP	359.8	227.3	165.4	
Prop	F(50,10)	29 dBu	144.6 km + K57BG	F(50,50)	74		dBu	18.8 km =	163.4	
Prop	F(50,50)	74 dBu	19.7 km + K57BG	F(50,10)	29		dBu	145.7 km =	165.4	
22-	ALLOTM	18238	BLYTHE	CA	2		201.6	178.9	0.0	
21	K21EA	18277	LAKE HAVASU CITY	AZ	0	LIC	218.4	71.9	0.0	
Existing	K21EA	F(50,50)	74 dBu						0.0 km	
34+	ALLOTM	18287	LAKE HAVASU CITY	AZ	2	DEL	210.1	80.3	0.0	
36	K36DU	18288	LAKE HAVASU CITY,	AZ	0	LIC	218.5	71.9	67.1	4.7
Prop	F(50,10)	29 dBu	65.2 km + K36DU	F(50,50)	74		dBu	1.9 km =	67.1	
Prop	F(50,50)	74 dBu	4.0 km + K36DU	F(50,10)	29		dBu	26.5 km =	30.4	
40+	ALLOTM	18293	LAKE HAVASU CITY	AZ	2	ADD	210.1	80.3	0.0	
21-	K21EG	18330	GOLDEN VALLEY	AZ	0	LIC	293.4	33.0	4.0	
Existing	K21EG	F(50,50)	74 dBu						4.0 km	

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21o	K64AG	18331 TOPOCK, ETC.	AZ 0 APP	259.6	45.3	15.4	
Existing K64AG F(50,50) 74 dBu 15.4 km							
34+	ALLOTM	18348 LAUGHLIN	NV 2 ADD	264.8	67.6	0.0	
34+	KMCC	18349 LAUGHLIN	NV 2 CP MOD	275.1	63.3	32.0	
32 km distance separation requirement from Part 74.705(b) (5)							
35	K35EI	18350 DOLAN SPRINGS	AZ 0 LIC	328.6	63.1	23.1	
Prop F(50,10) 89 dBu 6.8 km + K35EI F(50,50) 74 dBu 0.0 km = 6.8							
Prop F(50,50) 74 dBu 23.1 km + K35EI F(50,50) 89 dBu 0.0 km = 23.1							
36-	K58EP	18352 MEADVIEW	AZ 0 APP	347.0	85.8	83.4	2.4
Prop F(50,10) 46 dBu 83.4 km + K58EP F(50,50) 74 dBu 0.0 km = 83.4							
Prop F(50,50) 74 dBu 22.6 km + K58EP F(50,10) 46 dBu 9.4 km = 32.0							
21+	KVWB	18869 LAS VEGAS	NV 2 LIC	314.8	142.5	68.3	
Existing KVWB F(50,50) 64 dBu 68.3 km							
36	K36BQ	18879 PAHRUMP	NV 0 LIC	303.5	224.2	157.5	
Prop F(50,10) 29 dBu 152.9 km + K36BQ F(50,50) 74 dBu 4.7 km = 157.5							
Prop F(50,50) 74 dBu 22.3 km + K36BQ F(50,10) 29 dBu 72.8 km = 95.1							
31o	ALLOTM	19188 TWENTYNINE PALMS	CA 2 DEL	244.0	237.3	0.0	

***** End of channel 36 study *****