

tvstudy v2.2.5 (4uoc83)

Database: localhost, Study: Golden34d6kwCL1469at340T, Model: Longley-Rice

Start: 2021.07.20 10:20:39

Study created: 2021.07.20 10:20:38

Study build station data: LMS TV 2021-07-20

Proposal: K40MZ-D D34 LD APP GOLDEN VALLEY, AZ

Facility ID: 186640

Station data: User record

Record ID: 672

Country: U.S.

Build options:

Protect pre-transition records not on baseline channel

Stations potentially affected by proposal:

IX	Call	Chan	Svc	Status	City, State	File Number	Distance
No	K20IA	N20-	TX	LIC	PRESCOTT, AZ	BLTTTL20110711AAR	151.1 km
No	KYPO-LP	N27	TX	LIC	TACNA, AZ	BLTTTL20080818AAL	160.1
No	K30BQ	N30	TX	LIC	NEEDLES, CA	BLTT19880722ID	27.9
No	K44CN-D	D33	LD	LIC	COTTONWOOD, AZ	BLANK0000063233	187.7
Yes	K33OD-D	D33	LD	LIC	KINGMAN, AZ	BLANK0000071729	19.1
No	KTVW-DT	D33	DT	LIC	PHOENIX, AZ	BLANK0000149942	275.1
No	K33FD	N33-	TX	LIC	BLYTHE, CA	BLTT20020311ABE	177.1
No	K33MB-D	D33	LD	CP	LAUGHLIN, NV	BNPDTT20091112ALF	49.0
No	K33OK-D	D33	LD	LIC	OVERTON, NV	BLANK0000137698	174.9
No	K33MJ-D	D33	LD	LIC	PAHRUMP, NV	BLANK0000063611	156.1
No	K34QG-D	D34	LD	CP	BUCKEYE, AZ	BMJADTL20100524AGK	192.3
No	K34PE-D	D34	LD	LIC	DOLAN SPRINGS, AZ	BLANK0000071730	51.3
No	KUVE-DT	D34	DT	LIC	GREEN VALLEY, AZ	BLANK0000063897	435.8
Yes	K34EF-D	D34	LD	LIC	KINGMAN, AZ	BLDTT20130308ABG	19.1
No	K34MT-D	D34	LD	CP	LAKE HAVASU, AZ	BNPDTL20100510ADI	80.3
No	K34PG-D	D34	LD	LIC	PAYSON, AZ	BLANK0000064238	282.1
No	KVPA-LD	D34	LD	LIC	PHOENIX, AZ	BLANK0000072027	275.0
No	K34EE-D	D34	LD	LIC	PRESCOTT-COTTONWOOD, AZ	BLDTT20120521ACZ	187.7

No	K34QH-D	D34	LD	CP	WELLTON, AZ	BNPDTL20100510AAK	273.1
No	KCBT-LD	D34	LD	LIC	BAKERSFIELD, CA	BLDTL20100604AFY	422.5
No	K15BZ	D34-	LD	CP	DAGGETT, CA	BLANK00000147061	256.5
No	KMEX-DT	D34	DT	CP	LOS ANGELES, CA	BLANK00000035668	377.0
No	KMEX-DT	D34	DT	LIC	LOS ANGELES, CA	BLCDT20121203ASI	377.0
No	K34EU-D	N34-	TX	LIC	MORONGO VALLEY, CA	BLTTTL19970721JR	254.4
No	K34EU-D	D34	LD	LIC	MORONGO VALLEY, CA	BLANK00000136623	254.4
No	K34LI-D	D34	LD	LIC	JEAN, NV	BLDDTT20101228ABS	151.0
No	K34ME-D	D34	LD	LIC	OVERTON, NV	BLANK00000137701	174.9
No	K44KN-D	D34	LD	LIC	PANACA, NV	BLANK00000078477	259.4
No	K34FO-D	D34	LD	LIC	ALTON, UT	BLDDTT20090213ADG	284.0
No	K34CX-D	D34	LD	LIC	APPLE VALLEY, UT	BLANK00000011000	235.0
No	K34OU-D	D34	LD	LIC	BERYL, MODENA ETC., UT	BLANK00000091042	285.6
No	K34NY-D	D34	LD	LIC	ESCALANTE, UT	BLANK00000075949	368.6
No	K16IL-D	D34	LD	LIC	KANAB, UT	BLANK00000060010	255.2
No	K34AG-D	D34	LD	LIC	PAROWAN, ENOCH, ETC., UT	BLDDTT20090728ACB	315.5
No	K34OT-D	D34	LD	LIC	TOQUERVILLE & LEEDS, UT	BLANK00000132295	248.9
No	K34OD-D	D34	LD	LIC	TROPIC, ETC., UT	BLANK00000074874	337.1
No	K47OA-D	D34	LD	LIC	WASHINGTON, ETC., UT	BLANK00000063181	223.7
No	K35EI-D	D35	LD	LIC	DOLAN SPRINGS, AZ	BLDDTT20130308AAY	51.3
Yes	K35MX-D	D35	LD	LIC	KINGMAN, AZ	BLANK00000071731	19.1
No	K35OW-D	D35	LD	CP	PARKER, AZ	BNPDTL20100514AEI	164.8
No	KVTE-LD	D35	LD	APP	LAS VEGAS, NV	BLANK00000062902	123.0
No	KVTE-LD	D35	LD	LIC	LAS VEGAS, NV	BLDTL20140611ADE	151.1
No	KVTE-LD	N35z	TX	LIC	LAS VEGAS, NV	BLTTTL20040811AAP	123.0
Yes	KNTL-LD	D35z	LD	LIC	LAUGHLIN, NV	BLANK00000093205	59.7
Yes	KKAX-LP	N36	TX	LIC	HILLTOP, AZ	BLTTTL20030722AAR	19.1
No	K36DU	N36	TX	LIC	LAKE HAVASU CITY, ET, AZ	BLTTTL19960308IA	65.7

No non-directional AM stations found within 0.8 km

No directional AM stations found within 3.2 km

Record parameters as studied:

Channel: D34

Mask: Stringent

Latitude: 35 9 0.00 N (NAD83)

Longitude: 114 5 51.30 W
Height AMSL: 910.0 m
HAAT: 0.0 m
Peak ERP: 6.00 kW
Antenna: KAT-CL-1469B (ID 1007708) 340.0 deg
Elev Pattn: Generic

50.7 dBu contour:

Azimuth	ERP	HAAT	Distance
0.0 deg	3.96 kW	-364.0 m	23.5 km
45.0	0.000	-134.9	2.8
90.0	0.000	-354.6	2.8
135.0	0.000	-256.3	2.8
180.0	0.000	72.6	4.2
225.0	0.000	156.8	6.1
270.0	0.000	123.9	5.5
315.0	3.08	19.9	22.4

Database HAAT does not agree with computed HAAT
Database HAAT: 0 m Computed HAAT: -92 m

Distance to Canadian border: 1539.3 km

Distance to Mexican border: 276.3 km

Conditions at FCC monitoring station: Douglas AZ
Bearing: 133.3 degrees Distance: 578.5 km

Proposal is not within the West Virginia quiet zone area

Conditions at Table Mountain receiving zone:
Bearing: 52.0 degrees Distance: 953.6 km

Study cell size: 1.00 km
Profile point spacing: 1.00 km

Maximum new IX to full-service and Class A: 0.50%

Maximum new IX to LPTV: 2.00%

Interference to BLANK0000071729 LIC scenario 1

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	K330D-D	D33	LD	LIC	KINGMAN, AZ	BLANK0000071729	
Undesireds:	K40MZ-D	D34	LD	APP	GOLDEN VALLEY, AZ		19.1 km
	KMCC	D32	DD	LIC	LAUGHLIN, NV	BLANK0000048103	73.4
	KTVW-DT	D33	DT	LIC	PHOENIX, AZ	BLANK00000149942	257.7
	K33FD	N33-	TX	LIC	BLYTHE, CA	BLTT20020311ABE	172.9
	KVVB-LP	N33+	TX	LIC	LUCERNE VALLEY, CA	BLTT19910927IB	280.2
	K33MB-D	D33	LD	CP	LAUGHLIN, NV	BNPDTT20091112ALF	67.3
	K34EF-D	D34	LD	LIC	KINGMAN, AZ	BLDTT20130308ABG	0.0

Service area	Terrain-limited	IX-free, before	IX-free, after	Percent New IX
8699.4 80,195	7047.6 62,353	6862.6 62,097	6856.6 62,084	0.09 0.02

Undesired	Total IX	Unique IX, before	Unique IX, after
K40MZ-D D34 LD APP 6.0	13	6.0 13	
KMCC D32 DD LIC 5.0	43	4.0 43	
KTVW-DT D33 DT LIC 3.0	0	0.0 0	
K33FD N33- TX LIC 1.0	0	0.0 0	
K33MB-D D33 LD CP 26.9	9	26.9 9	
K34EF-D D34 LD LIC 154.1	204	149.1 204	

Interference to BLDTT20130308ABG LIC scenario 1

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	K34EF-D	D34	LD	LIC	KINGMAN, AZ	BLDTT20130308ABG	
Undesireds:	K40MZ-D	D34	LD	APP	GOLDEN VALLEY, AZ		19.1 km
	K34PE-D	D34	LD	LIC	DOLAN SPRINGS, AZ	BLANK0000071730	65.0
	K34EU-D	N34-	TX	LIC	MORONGO VALLEY, CA	BLTTL19970721JR	266.8
	K35EI-D	D35	LD	LIC	DOLAN SPRINGS, AZ	BLDTT20130308AAY	65.0

KVTE-LD	D35	LD	APP	LAS VEGAS, NV		BLANK0000062902		140.8	
Service area		Terrain-limited		IX-free, before		IX-free, after		Percent New IX	
9946.5	82,898	7681.8	62,840	7615.2	62,797	7598.3	62,779	0.22	0.03
Undesired		Total IX		Unique IX, before		Unique IX, after			
K40MZ-D	D34 LD APP	17.0	18			17.0	18		
K34PE-D	D34 LD LIC	66.6	43	64.6	41	64.6	41		
K35EI-D	D35 LD LIC	2.0	2	0.0	0	0.0	0		

Interference to BLANK0000071731 LIC scenario 1

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	K35MX-D	D35	LD	LIC	KINGMAN, AZ	BLANK0000071731	
Undesireds:	K40MZ-D	D34	LD	APP	GOLDEN VALLEY, AZ		19.1 km
	K34EF-D	D34	LD	LIC	KINGMAN, AZ	BLDTT20130308ABG	0.0
	K35MU-D	D35	LD	LIC	COTTONWOOD, ETC., AZ	BLANK0000063714	168.8
	K35EI-D	D35	LD	LIC	DOLAN SPRINGS, AZ	BLDTT20130308AAY	65.0
	KFPH-CD	D35	DC	LIC	PHOENIX, AZ	BLANK00000106229	257.7
	KESE-LD	D35	LD	LIC	YUMA, AZ	BLANK00000143562	277.8
	KVTE-LD	D35	LD	APP	LAS VEGAS, NV	BLANK0000062902	140.8
	KNTL-LD	D35z	LD	LIC	LAUGHLIN, NV	BLANK0000093205	78.5
	KKAX-LP	N36	TX	LIC	HILLTOP, AZ	BLTTL20030722AAR	0.0
	K36DU	N36	TX	LIC	LAKE HAVASU CITY, ET, AZ	BLTTL19960308IA	68.1
	K36NE-D	D36	DC	LIC	LAS VEGAS, NV	BLANK0000059112	143.3

Service area		Terrain-limited		IX-free, before		IX-free, after		Percent New IX	
8586.6	78,019	6985.8	62,387	6532.8	61,663	6528.8	61,650	0.06	0.02
Undesired		Total IX		Unique IX, before		Unique IX, after			
K40MZ-D	D34 LD APP	6.0	13			4.0	13		
K34EF-D	D34 LD LIC	96.0	17	38.0	17	38.0	17		
K35MU-D	D35 LD LIC	1.0	0	1.0	0	1.0	0		
K35EI-D	D35 LD LIC	30.8	10	25.9	10	25.9	10		
KVTE-LD	D35 LD APP	5.0	0	0.0	0	0.0	0		
KNTL-LD	D35z LD LIC	387.1	697	324.2	697	322.2	697		

Interference to BLANK0000071731 LIC scenario 2

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	K35MX-D	D35	LD	LIC	KINGMAN, AZ	BLANK0000071731	
Undesireds:	K40MZ-D	D34	LD	APP	GOLDEN VALLEY, AZ		19.1 km
	K34EF-D	D34	LD	LIC	KINGMAN, AZ	BLDTT20130308ABG	0.0
	K35MU-D	D35	LD	LIC	COTTONWOOD, ETC., AZ	BLANK0000063714	168.8
	K35EI-D	D35	LD	LIC	DOLAN SPRINGS, AZ	BLDTT20130308AAY	65.0
	KFPH-CD	D35	DC	LIC	PHOENIX, AZ	BLANK00000106229	257.7
	KESE-LD	D35	LD	LIC	YUMA, AZ	BLANK00000143562	277.8
	KVTE-LD	D35	LD	APP	LAS VEGAS, NV	BLANK0000062902	140.8
	KNTL-LD	D35z	LD	LIC	LAUGHLIN, NV	BLANK0000093205	78.5
	KKAX-LP	D36	LD	CP	HILLTOP, AZ	BDFCDTL20110907AMG	0.0
	K36DU	N36	TX	LIC	LAKE HAVASU CITY, ET, AZ	BLTTL19960308IA	68.1
	K36NE-D	D36	DC	LIC	LAS VEGAS, NV	BLANK0000059112	143.3

Service area	Terrain-limited	IX-free, before	IX-free, after	Percent New IX
8586.6	78,019	6985.8	62,387	6532.8
		61,663	6528.8	61,650
			0.06	0.02

Undesired	Total IX	Unique IX, before	Unique IX, after
K40MZ-D D34 LD APP	6.0	13	4.0
K34EF-D D34 LD LIC	96.0	17	38.0
K35MU-D D35 LD LIC	1.0	0	1.0
K35EI-D D35 LD LIC	30.8	10	25.9
KVTE-LD D35 LD APP	5.0	0	0.0
KNTL-LD D35z LD LIC	387.1	697	322.2
KKAX-LP D36 LD CP	3.0	0	0.0

Interference to BLANK0000071731 LIC scenario 3

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	K35MX-D	D35	LD	LIC	KINGMAN, AZ	BLANK0000071731	
Undesireds:	K40MZ-D	D34	LD	APP	GOLDEN VALLEY, AZ		19.1 km

K34EF-D	D34	LD	LIC	KINGMAN, AZ	BLDTT20130308ABG	0.0
K35MU-D	D35	LD	LIC	COTTONWOOD, ETC., AZ	BLANK0000063714	168.8
K35EI-D	D35	LD	LIC	DOLAN SPRINGS, AZ	BLDTT20130308AAY	65.0
KFPH-CD	D35	DC	LIC	PHOENIX, AZ	BLANK0000106229	257.7
KESE-LD	D35	LD	LIC	YUMA, AZ	BLANK0000143562	277.8
KVTE-LD	D35	LD	LIC	LAS VEGAS, NV	BLDTL20140611ADE	168.7
KNTL-LD	D35z	LD	LIC	LAUGHLIN, NV	BLANK0000093205	78.5
KKAX-LP	N36	TX	LIC	HILLTOP, AZ	BLTTL20030722AAR	0.0
K36DU	N36	TX	LIC	LAKE HAVASU CITY, ET, AZ	BLTTL19960308IA	68.1
K36NE-D	D36	DC	LIC	LAS VEGAS, NV	BLANK0000059112	143.3

Service area	Terrain-limited	IX-free, before	IX-free, after	Percent New IX
8586.6 78,019	6985.8 62,387	6532.8 61,663	6528.8 61,650	0.06 0.02

Undesired	Total IX	Unique IX, before	Unique IX, after
K40MZ-D D34 LD APP	6.0 13	4.0 13	
K34EF-D D34 LD LIC	96.0 17	39.0 17	
K35MU-D D35 LD LIC	1.0 0	1.0 0	
K35EI-D D35 LD LIC	30.8 10	25.9 10	
KVTE-LD D35 LD LIC	5.0 0	0.0 0	
KNTL-LD D35z LD LIC	387.1 697	318.2 697	

Interference to BLANK0000071731 LIC scenario 4

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	K35MX-D	D35	LD	LIC	KINGMAN, AZ	BLANK0000071731	
Undesireds:	K40MZ-D	D34	LD	APP	GOLDEN VALLEY, AZ		19.1 km
	K34EF-D	D34	LD	LIC	KINGMAN, AZ	BLDTT20130308ABG	0.0
	K35MU-D	D35	LD	LIC	COTTONWOOD, ETC., AZ	BLANK0000063714	168.8
	K35EI-D	D35	LD	LIC	DOLAN SPRINGS, AZ	BLDTT20130308AAY	65.0
	KFPH-CD	D35	DC	LIC	PHOENIX, AZ	BLANK0000106229	257.7
	KESE-LD	D35	LD	LIC	YUMA, AZ	BLANK0000143562	277.8
	KVTE-LD	D35	LD	LIC	LAS VEGAS, NV	BLDTL20140611ADE	168.7
	KNTL-LD	D35z	LD	LIC	LAUGHLIN, NV	BLANK0000093205	78.5
	KKAX-LP	D36	LD	CP	HILLTOP, AZ	BDFCDTL20110907AMG	0.0
	K36DU	N36	TX	LIC	LAKE HAVASU CITY, ET, AZ	BLTTL19960308IA	68.1

K36NE-D	D36	DC	LIC	LAS VEGAS, NV		BLANK0000059112		143.3	
Service area		Terrain-limited		IX-free, before		IX-free, after		Percent New IX	
8586.6	78,019	6985.8	62,387	6532.8	61,663	6528.8	61,650	0.06	0.02
Undesired		Total IX		Unique IX, before		Unique IX, after			
K40MZ-D	D34 LD APP	6.0	13			4.0	13		
K34EF-D	D34 LD LIC	96.0	17	39.0	17	39.0	17		
K35MU-D	D35 LD LIC	1.0	0	1.0	0	1.0	0		
K35EI-D	D35 LD LIC	30.8	10	25.9	10	25.9	10		
KVTE-LD	D35 LD LIC	5.0	0	0.0	0	0.0	0		
KNTL-LD	D35z LD LIC	387.1	697	320.2	697	318.2	697		
KKAX-LP	D36 LD CP	3.0	0	0.0	0	0.0	0		

Interference to BLANK0000071731 LIC scenario 5

	Call	Chan	Svc	Status	City, State	File Number	Distance		
Desired:	K35MX-D	D35	LD	LIC	KINGMAN, AZ	BLANK0000071731			
Undesireds:	K40MZ-D	D34	LD	APP	GOLDEN VALLEY, AZ		19.1 km		
	K34EF-D	D34	LD	LIC	KINGMAN, AZ	BLDTT20130308ABG	0.0		
	K35MU-D	D35	LD	LIC	COTTONWOOD, ETC., AZ	BLANK0000063714	168.8		
	K35EI-D	D35	LD	LIC	DOLAN SPRINGS, AZ	BLDTT20130308AAY	65.0		
	KFPH-CD	D35	DC	LIC	PHOENIX, AZ	BLANK0000106229	257.7		
	KESE-LD	D35	LD	LIC	YUMA, AZ	BLANK0000143562	277.8		
	KVTE-LD	N35z	TX	LIC	LAS VEGAS, NV	BLTTL20040811AAP	140.8		
	KNTL-LD	D35z	LD	LIC	LAUGHLIN, NV	BLANK0000093205	78.5		
	KKAX-LP	N36	TX	LIC	HILLTOP, AZ	BLTTL20030722AAR	0.0		
	K36DU	N36	TX	LIC	LAKE HAVASU CITY, ET, AZ	BLTTL19960308IA	68.1		
	K36NE-D	D36	DC	LIC	LAS VEGAS, NV	BLANK0000059112	143.3		
Service area		Terrain-limited		IX-free, before		IX-free, after		Percent New IX	
8586.6	78,019	6985.8	62,387	6532.8	61,663	6528.8	61,650	0.06	0.02
Undesired		Total IX		Unique IX, before		Unique IX, after			
K40MZ-D	D34 LD APP	6.0	13			4.0	13		
K34EF-D	D34 LD LIC	96.0	17	39.0	17	39.0	17		

K35MU-D D35 LD LIC	1.0	0	1.0	0	1.0	0
K35EI-D D35 LD LIC	30.8	10	25.9	10	25.9	10
KVTE-LD N35z TX LIC	1.0	0	0.0	0	0.0	0
KNTL-LD D35z LD LIC	387.1	697	325.2	697	323.2	697

Interference to BLANK0000071731 LIC scenario 6

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	K35MX-D	D35	LD	LIC	KINGMAN, AZ	BLANK0000071731	
Undesireds:	K40MZ-D	D34	LD	APP	GOLDEN VALLEY, AZ		19.1 km
	K34EF-D	D34	LD	LIC	KINGMAN, AZ	BLDTT20130308ABG	0.0
	K35MU-D	D35	LD	LIC	COTTONWOOD, ETC., AZ	BLANK0000063714	168.8
	K35EI-D	D35	LD	LIC	DOLAN SPRINGS, AZ	BLDTT20130308AAY	65.0
	KFPH-CD	D35	DC	LIC	PHOENIX, AZ	BLANK0000106229	257.7
	KESE-LD	D35	LD	LIC	YUMA, AZ	BLANK0000143562	277.8
	KVTE-LD	N35z	TX	LIC	LAS VEGAS, NV	BLTTL20040811AAP	140.8
	KNTL-LD	D35z	LD	LIC	LAUGHLIN, NV	BLANK0000093205	78.5
	KKAX-LP	D36	LD	CP	HILLTOP, AZ	BDFCDTL20110907AMG	0.0
	K36DU	N36	TX	LIC	LAKE HAVASU CITY, ET, AZ	BLTTL19960308IA	68.1
	K36NE-D	D36	DC	LIC	LAS VEGAS, NV	BLANK0000059112	143.3
	Service area	Terrain-limited		IX-free, before		IX-free, after	
	8586.6	78,019	6985.8	62,387	6532.8	61,663	6528.8
							61,650
							Percent New IX
							0.06 0.02

Undesired	Total IX	Unique IX, before	Unique IX, after
K40MZ-D D34 LD APP	6.0	13	4.0 13
K34EF-D D34 LD LIC	96.0	17	39.0 17
K35MU-D D35 LD LIC	1.0	0	1.0 0
K35EI-D D35 LD LIC	30.8	10	25.9 10
KVTE-LD N35z TX LIC	1.0	0	0.0 0
KNTL-LD D35z LD LIC	387.1	697	325.2 697
KKAX-LP D36 LD CP	3.0	0	0.0 0

Interference to BLANK0000093205 LIC scenario 1

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	KNTL-LD	D35z	LD	LIC	LAUGHLIN, NV	BLANK0000093205	
Undesireds:	K40MZ-D	D34	LD	APP	GOLDEN VALLEY, AZ		59.7 km
	K34PE-D	D34	LD	LIC	DOLAN SPRINGS, AZ	BLANK0000071730	59.2
	K35EI-D	D35	LD	LIC	DOLAN SPRINGS, AZ	BLDTT20130308AAY	59.2
	K35MX-D	D35	LD	LIC	KINGMAN, AZ	BLANK0000071731	78.5
	KFPH-CD	D35	DC	LIC	PHOENIX, AZ	BLANK00000106229	325.4
	KESE-LD	D35	LD	LIC	YUMA, AZ	BLANK00000143562	290.3
	KABE-CD	D35	DC	LIC	BAKERSFIELD, CA	BLANK0000081347	363.0
	KVTE-LD	D35	LD	APP	LAS VEGAS, NV	BLANK0000062902	82.0
	K35FS-D	D35	LD	LIC	SANTA CLARA, ETC., UT	BLDTT20090406AFG	226.1
	KKAX-LP	N36	TX	LIC	HILLTOP, AZ	BLTTL20030722AAR	78.5
	K36DU	N36	TX	LIC	LAKE HAVASU CITY, ET, AZ	BLTTL19960308IA	79.4
	K36NE-D	D36	DC	LIC	LAS VEGAS, NV	BLANK0000059112	87.6

Service area	Terrain-limited	IX-free, before	IX-free, after	Percent New IX
15405.0	139,298	10541.3	87,732	9919.4
				86,079
				9919.4
				86,079
				0.00
				0.00

Undesired	Total IX	Unique IX, before	Unique IX, after
K40MZ-D D34 LD APP	1.0	5	0.0
K34PE-D D34 LD LIC	20.9	29	0.0
K35EI-D D35 LD LIC	152.3	273	45.8
K35MX-D D35 LD LIC	533.1	1,414	438.5
KVTE-LD D35 LD APP	35.0	13	25.1
K35FS-D D35 LD LIC	5.9	0	2.0

Interference to BLANK0000093205 LIC scenario 2

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	KNTL-LD	D35z	LD	LIC	LAUGHLIN, NV	BLANK0000093205	
Undesireds:	K40MZ-D	D34	LD	APP	GOLDEN VALLEY, AZ		59.7 km
	K34PE-D	D34	LD	LIC	DOLAN SPRINGS, AZ	BLANK0000071730	59.2
	K35EI-D	D35	LD	LIC	DOLAN SPRINGS, AZ	BLDTT20130308AAY	59.2
	K35MX-D	D35	LD	LIC	KINGMAN, AZ	BLANK0000071731	78.5
	KFPH-CD	D35	DC	LIC	PHOENIX, AZ	BLANK00000106229	325.4

KESE-LD	D35	LD	LIC	YUMA, AZ	BLANK00000143562	290.3
KABE-CD	D35	DC	LIC	BAKERSFIELD, CA	BLANK00000081347	363.0
KVTE-LD	D35	LD	LIC	LAS VEGAS, NV	BLDTL20140611ADE	109.9
K35FS-D	D35	LD	LIC	SANTA CLARA, ETC., UT	BLDTT20090406AFG	226.1
KKAX-LP	N36	TX	LIC	HILLTOP, AZ	BLTTL20030722AAR	78.5
K36DU	N36	TX	LIC	LAKE HAVASU CITY, ET, AZ	BLTTL19960308IA	79.4
K36NE-D	D36	DC	LIC	LAS VEGAS, NV	BLANK00000059112	87.6

Service area	Terrain-limited	IX-free, before	IX-free, after	Percent New IX
15405.0 139,298	10541.3 87,732	9934.5 86,079	9934.5 86,079	0.00 0.00

Undesired	Total IX	Unique IX, before	Unique IX, after
K40MZ-D D34 LD APP 1.0	5	0.0 0	0.0 0
K34PE-D D34 LD LIC 20.9	29	0.0 0	0.0 0
K35EI-D D35 LD LIC 152.3	273	47.7 219	47.7 219
K35MX-D D35 LD LIC 533.1	1,414	438.5 1,380	437.5 1,375
KVTE-LD D35 LD LIC 17.9	0	9.9 0	9.9 0
K35FS-D D35 LD LIC 5.9	0	2.0 0	2.0 0

Interference to BLANK0000093205 LIC scenario 3

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	KNTL-LD	D35z	LD	LIC	LAUGHLIN, NV	BLANK0000093205	
Undesireds:	K40MZ-D	D34	LD	APP	GOLDEN VALLEY, AZ		59.7 km
	K34PE-D	D34	LD	LIC	DOLAN SPRINGS, AZ	BLANK0000071730	59.2
	K35EI-D	D35	LD	LIC	DOLAN SPRINGS, AZ	BLDTT20130308AAY	59.2
	K35MX-D	D35	LD	LIC	KINGMAN, AZ	BLANK0000071731	78.5
	KFPH-CD	D35	DC	LIC	PHOENIX, AZ	BLANK00000106229	325.4
	KESE-LD	D35	LD	LIC	YUMA, AZ	BLANK00000143562	290.3
	KABE-CD	D35	DC	LIC	BAKERSFIELD, CA	BLANK00000081347	363.0
	KVTE-LD	N35z	TX	LIC	LAS VEGAS, NV	BLTTL20040811AAP	82.0
	K35FS-D	D35	LD	LIC	SANTA CLARA, ETC., UT	BLDTT20090406AFG	226.1
	KKAX-LP	N36	TX	LIC	HILLTOP, AZ	BLTTL20030722AAR	78.5
	K36DU	N36	TX	LIC	LAKE HAVASU CITY, ET, AZ	BLTTL19960308IA	79.4
	K36NE-D	D36	DC	LIC	LAS VEGAS, NV	BLANK00000059112	87.6

Service area		Terrain-limited		IX-free, before		IX-free, after		Percent New IX	
15405.0	139,298	10541.3	87,732	9902.7	86,079	9902.7	86,079	0.00	0.00

Undesired		Total IX		Unique IX, before		Unique IX, after	
K40MZ-D D34 LD APP	1.0	5		0.0	0	0.0	0
K34PE-D D34 LD LIC	20.9	29		0.0	0	0.0	0
K35EI-D D35 LD LIC	152.3	273		46.8	219	46.8	219
K35MX-D D35 LD LIC	533.1	1,414		428.6	1,380	427.6	1,375
KVTE-LD N35z TX LIC	56.7	0		41.8	0	41.8	0
K35FS-D D35 LD LIC	5.9	0		2.0	0	2.0	0

Interference to BLTTL20030722AAR LIC scenario 1

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	KKAX-LP	N36	TX	LIC	HILLTOP, AZ	BLTTL20030722AAR	
Undesireds:	K40MZ-D	D34	LD	APP	GOLDEN VALLEY, AZ		19.1 km
	K35MX-D	D35	LD	LIC	KINGMAN, AZ	BLANK0000071731	0.0
	KVTE-LD	D35	LD	APP	LAS VEGAS, NV	BLANK0000062902	140.8
	K36DU	N36	TX	LIC	LAKE HAVASU CITY, ET, AZ	BLTTL19960308IA	68.1
	K36FZ-D	D36	LD	LIC	MEADVIEW, AZ	BLDTT20130308ABZ	88.6
	K36PE-D	D36	LD	LIC	PEACH SPRINGS, AZ	BLANK0000071732	66.3
	KAZT-CD	D36	DC	CP	PHOENIX, AZ	BLANK0000122342	257.7
	KAJB	D36	DT	LIC	CALIPATRIA, CA	BLCDT20090320AAI	241.2
	K36GO	N36-	TX	LIC	MORONGO VALLEY, CA	BLTT20060331AEU	266.8
	K36NE-D	D36	DC	LIC	LAS VEGAS, NV	BLANK0000059112	143.3

Service area		Terrain-limited		IX-free, before		IX-free, after		Percent New IX	
1575.7	58,279	1176.6	55,370	1058.0	53,090	1055.0	53,090	0.28	0.00

Undesired		Total IX		Unique IX, before		Unique IX, after	
K40MZ-D D34 LD APP	3.0	0		3.0	0	3.0	0
K35MX-D D35 LD LIC	1.0	0		0.0	0	0.0	0
K36DU N36 TX LIC	9.0	0		5.0	0	5.0	0
K36FZ-D D36 LD LIC	108.7	2,280		103.7	2,280	103.7	2,280
K36PE-D D36 LD LIC	6.0	0		3.0	0	3.0	0
KAJB D36 DT LIC	2.0	0		0.0	0	0.0	0

Interference to BLTTL20030722AAR LIC scenario 2

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	KKAX-LP	N36	TX	LIC	HILLTOP, AZ	BLTTL20030722AAR	
Undesireds:	K40MZ-D	D34	LD	APP	GOLDEN VALLEY, AZ		19.1 km
	K35MX-D	D35	LD	LIC	KINGMAN, AZ	BLANK00000071731	0.0
	KVTE-LD	D35	LD	APP	LAS VEGAS, NV	BLANK00000062902	140.8
	K36DU	D36	LD	CP	LAKE HAVASU CITY, ET, AZ	BDFCDTA20110616ABG	68.3
	K36FZ-D	D36	LD	LIC	MEADVIEW, AZ	BLDTT20130308ABZ	88.6
	K36PE-D	D36	LD	LIC	PEACH SPRINGS, AZ	BLANK00000071732	66.3
	KAZT-CD	D36	DC	CP	PHOENIX, AZ	BLANK00000122342	257.7
	KAJB	D36	DT	LIC	CALIPATRIA, CA	BLCDT20090320AAI	241.2
	K36GO	N36-	TX	LIC	MORONGO VALLEY, CA	BLTT20060331AEU	266.8
	K36NE-D	D36	DC	LIC	LAS VEGAS, NV	BLANK00000059112	143.3
	Service area		Terrain-limited		IX-free, before	IX-free, after	Percent New IX
	1575.7	58,279	1176.6	55,370	1062.0	53,090	0.28 0.00
Undesired				Total IX	Unique IX, before	Unique IX, after	
K40MZ-D D34 LD APP		3.0		0		3.0	0
K35MX-D D35 LD LIC		1.0		0	0.0 0	0.0	0
K36DU D36 LD CP		2.0		0	1.0 0	1.0	0
K36FZ-D D36 LD LIC		108.7		2,280	105.7 2,280	105.7	2,280
K36PE-D D36 LD LIC		6.0		0	3.0 0	3.0	0
KAJB D36 DT LIC		2.0		0	1.0 0	1.0	0

Interference to proposal scenario 1
7.61% interference received

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	K40MZ-D	D34	LD	APP	GOLDEN VALLEY, AZ		
Undesireds:	K34EF-D	D34	LD	LIC	KINGMAN, AZ	BLDTT20130308ABG	19.1 km
	K34EU-D	N34-	TX	LIC	MORONGO VALLEY, CA	BLTTL19970721JR	254.4

KVTE-LD	D35	LD	APP	LAS VEGAS, NV	BLANK0000062902	123.0
Service area		Terrain-limited			IX-free	Percent IX
495.2	13,056	401.6	8,554	365.7	7,903	8.94 7.61
Undesired		Total IX			Unique IX	Prcnt Unique IX
K34EF-D D34 LD LIC	35.9	651	35.9	651	8.94	7.61