

Census data selected: 1990

TV INTERFERENCE and SPACING ANALYSIS PROGRAM

Date: 07-30-2008 Time: 18:55:05

Record Selected for Analysis

K30ES USERRECORD-01 PHOENIX AZ US
Channel 50 ERP 9.9 kW HAAT 515. m RCAMSL 00841 m
Latitude 033-19-57 Longitude 0112-03-57
Status APP Zone 2 Border Offset Z
Last update Cutoff date Docket
Comments
Applicant

Cell Size for Service Analysis 1.0 km/side

Distance Increments for Longley-Rice Analysis 1.00 km

Not full service station

Facility meets maximum power limit

Azimuth (Deg)	ERP (kW)	HAAT (m)	74.0 dBu F(50,50) (km)
0.0	9.900	492.8	31.1
45.0	9.900	459.4	30.1
90.0	9.900	451.7	29.9
135.0	9.900	472.5	30.5
180.0	9.900	487.8	30.9
225.0	9.900	481.3	30.7
270.0	9.900	443.0	29.7
315.0	9.900	515.1	31.7

Contour Overlap Evaluation from LPTV Station to Full Service TV & DTV

Station inside contour of station

KASW 49 PHOENIX AZ BLCDT 20060630ABU

Station inside contour of station

KPPX 51 TOLLESON AZ BLCT 19990226KH

Contour Overlap Evaluation from LPTV to Full Service TV & DTV Complete

Contour Overlap Evaluation from LPTV Station to LPTV Stations

Station inside contour of station

KFPH-CA 35 PHOENIX AZ BLTTA 20030122ADP

Station inside contour of station

KFPH-CA 35 PHOENIX AZ BPTTA 20030227AAW

Contour overlap to station

KDOS-LP 50 GLOBE AZ BLTTL 20070208AAB

Contour Overlap Evaluation from LPTV to LPTV Stations Complete

Contour Overlap to Proposed Station

Station
KDOS-LP 50 GLOBE AZ BLTTL20070208AAB causes

Contour overlap to station
K30ES 50 PHOENIX AZ USERRECORD01

Contour Overlap Evaluation to Proposed Station Complete

Proposed facility OK to FCC Monitoring Stations

Proposed facility OK toward West Virginia quiet zone

Proposed facility OK toward Table Mountain

Proposed facility is beyond the Canadian coordination distance

Proposed facility is within the Mexican coordination distance
Distance to border = 174.0km

Proposed station is OK toward AM broadcast stations

***** Start of Interference Analysis

Channel	Call	City/State	ARN
50	K30ES	PHOENIX AZ	USERRECORD01

Stations Potentially Affected by Proposed Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
35	KFPH-CA	PHOENIX AZ	0.3	LIC	BLTTA	-20030122ADP
35	KFPH-CA	PHOENIX AZ	0.3	APP	BPTTA	-20030227AAW
49	KASW	PHOENIX AZ	0.4	LIC	BLCDT	-20060630ABU
50	KDOS-LP	GLOBE AZ	115.0	LIC	BLTTL	-20070208AAB
51	KPPX	TOLLESON AZ	0.5	LIC	BLCT	-19990226KH

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Analysis of Interference to Affected Station 1

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
35	KFPH-CA	PHOENIX AZ	BLTTA	-20030122ADP

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
31	KSAZ-DT	PHOENIX AZ	0.1	PLN	DTVPLN	-DTVP0812
33	KTVW-TV	PHOENIX AZ	0.1	LIC	BLCT	-19971110KF
34	KTVW-TV	PHOENIX AZ	0.1	LIC	BLCDT	-20020819ABN
34	KTVW-DT	PHOENIX AZ	0.1	PLN	DTVPLN	-DTVP0925
35	K35FH	FLAGSTAFF AZ	216.1	CP	BDFCDTT	-20060329AFB
35	KGUN	TUCSON AZ	162.0	LIC	BLCDT	-20050802AAW
35	KGUN-DT	TUCSON AZ	162.0	PLN	DTVPLN	-DTVP0963

35	KESE-LP	YUMA AZ	245.1	APP	BMAPTTL	-20000818AEP
35	NEW	PALM SPRINGS CA	388.8	APP	BDCCDTL	-20070420ABK
35	K35JA-D	LAUGHLIN NV	325.4	CP	BDCCDTL	-20061012ABX
36	KPNX-DT	MESA AZ	0.0	PLN	DTVPLN	-DTVP1002
39	KTAZ	PHOENIX AZ	0.1	APP	BSTA	-20060510ABH
39	KDTP	PHOENIX AZ	0.1	LIC	BLET	-20010205ABS
39	KTAZ	PHOENIX AZ	0.3	LIC	BLCT	-20060809ABN
49	KASW-DT	PHOENIX AZ	0.1	PLN	DTVPLN	-DTVP1410
49	KASW	PHOENIX AZ	0.1	LIC	BLCDT	-20060630ABU
49	KASW	PHOENIX AZ	0.1	APP	BPCDT	-20080617AEG
50	K30ES	PHOENIX AZ	0.3	APP	USERRECORD-01	

Total scenarios = 24

Result key: 1
 Scenario 1 Affected station 1 KFPH-CA
 Before Analysis

Results for: 35N AZ PHOENIX	BLTTA	20030122ADP	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	1995167	3520.7	
not affected by terrain losses	1890496	3380.7	
lost to NTSC IX	22284	262.1	
lost to additional IX by ATV	1296374	2054.3	
lost to all IX	1318658	2316.4	

Potential Interfering Stations Included in above Scenario 1

33N AZ PHOENIX	BLCT	19971110KF	LIC
39N AZ PHOENIX	BLET	20010205ABS	LIC
31A AZ PHOENIX	DTVPLN	DTVP0812	PLN
34A AZ PHOENIX	BLCDT	20020819ABN	LIC
35A AZ TUCSON	BLCDT	20050802AAW	LIC
36A AZ MESA	DTVPLN	DTVP1002	PLN
49A AZ PHOENIX	BLCDT	20060630ABU	LIC

After Analysis

Results for: 35N AZ PHOENIX	BLTTA	20030122ADP	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	1995167	3520.7	
not affected by terrain losses	1890496	3380.7	
lost to NTSC IX	24599	277.0	
lost to additional IX by ATV	1294059	2039.4	
lost to all IX	1318658	2316.4	

Potential Interfering Stations Included in above Scenario 1

33N AZ PHOENIX	BLCT	19971110KF	LIC
39N AZ PHOENIX	BLET	20010205ABS	LIC
31A AZ PHOENIX	DTVPLN	DTVP0812	PLN
34A AZ PHOENIX	BLCDT	20020819ABN	LIC
35A AZ TUCSON	BLCDT	20050802AAW	LIC
36A AZ MESA	DTVPLN	DTVP1002	PLN
49A AZ PHOENIX	BLCDT	20060630ABU	LIC
50N AZ PHOENIX	USERRECORD01		APP

Percent new IX = 0.0000%

Result key: 2
 Scenario 2 Affected station 1 KFPH-CA
 Before Analysis

Results for: 35N AZ PHOENIX	BLTTA	20030122ADP	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	1995167	3520.7	
not affected by terrain losses	1890496	3380.7	

lost to NTSC IX	22284	262.1
lost to additional IX by ATV	1251835	2020.5
lost to all IX	1274119	2282.6

Potential Interfering Stations Included in above Scenario 2

33N AZ PHOENIX	BLCT	19971110KF	LIC
39N AZ PHOENIX	BLET	20010205ABS	LIC
31A AZ PHOENIX	DTVPLN	DTVP0812	PLN
34A AZ PHOENIX	BLCDDT	20020819ABN	LIC
35A AZ TUCSON	DTVPLN	DTVP0963	PLN
36A AZ MESA	DTVPLN	DTVP1002	PLN
49A AZ PHOENIX	BLCDDT	20060630ABU	LIC

After Analysis

Results for: 35N AZ PHOENIX	BLTTA	20030122ADP	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	1995167	3520.7	
not affected by terrain losses	1890496	3380.7	
lost to NTSC IX	24599	277.0	
lost to additional IX by ATV	1249520	2005.6	
lost to all IX	1274119	2282.6	

Potential Interfering Stations Included in above Scenario 2

33N AZ PHOENIX	BLCT	19971110KF	LIC
39N AZ PHOENIX	BLET	20010205ABS	LIC
31A AZ PHOENIX	DTVPLN	DTVP0812	PLN
34A AZ PHOENIX	BLCDDT	20020819ABN	LIC
35A AZ TUCSON	DTVPLN	DTVP0963	PLN
36A AZ MESA	DTVPLN	DTVP1002	PLN
49A AZ PHOENIX	BLCDDT	20060630ABU	LIC
50N AZ PHOENIX	USERRECORD01		APP

Percent new IX = 0.0000%

Result key: 3
 Scenario 3 Affected station 1 KFPH-CA
 Before Analysis

Results for: 35N AZ PHOENIX	BLTTA	20030122ADP	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	1995167	3520.7	
not affected by terrain losses	1890496	3380.7	
lost to NTSC IX	22284	262.1	
lost to additional IX by ATV	1296374	2054.3	
lost to all IX	1318658	2316.4	

Potential Interfering Stations Included in above Scenario 3

33N AZ PHOENIX	BLCT	19971110KF	LIC
39N AZ PHOENIX	BLET	20010205ABS	LIC
31A AZ PHOENIX	DTVPLN	DTVP0812	PLN
34A AZ PHOENIX	DTVPLN	DTVP0925	PLN
35A AZ TUCSON	BLCDDT	20050802AAW	LIC
36A AZ MESA	DTVPLN	DTVP1002	PLN
49A AZ PHOENIX	BLCDDT	20060630ABU	LIC

After Analysis

Results for: 35N AZ PHOENIX	BLTTA	20030122ADP	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	1995167	3520.7	
not affected by terrain losses	1890496	3380.7	
lost to NTSC IX	24599	277.0	
lost to additional IX by ATV	1294059	2039.4	
lost to all IX	1318658	2316.4	

Potential Interfering Stations Included in above Scenario 3

33N AZ PHOENIX	BLCT	19971110KF	LIC
39N AZ PHOENIX	BLET	20010205ABS	LIC
31A AZ PHOENIX	DTVPLN	DTVP0812	PLN
34A AZ PHOENIX	DTVPLN	DTVP0925	PLN
35A AZ TUCSON	BLCDDT	20050802AAW	LIC
36A AZ MESA	DTVPLN	DTVP1002	PLN
49A AZ PHOENIX	BLCDDT	20060630ABU	LIC
50N AZ PHOENIX	USERRECORD01		APP

Percent new IX = 0.0000%

Result key: 4
 Scenario 4 Affected station 1 KFPH-CA
 Before Analysis

Results for: 35N AZ PHOENIX	BLTTA	20030122ADP	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	1995167	3520.7	
not affected by terrain losses	1890496	3380.7	
lost to NTSC IX	22284	262.1	
lost to additional IX by ATV	1251835	2020.5	
lost to all IX	1274119	2282.6	

Potential Interfering Stations Included in above Scenario 4

33N AZ PHOENIX	BLCT	19971110KF	LIC
39N AZ PHOENIX	BLET	20010205ABS	LIC
31A AZ PHOENIX	DTVPLN	DTVP0812	PLN
34A AZ PHOENIX	DTVPLN	DTVP0925	PLN
35A AZ TUCSON	DTVPLN	DTVP0963	PLN
36A AZ MESA	DTVPLN	DTVP1002	PLN
49A AZ PHOENIX	BLCDDT	20060630ABU	LIC

After Analysis

Results for: 35N AZ PHOENIX	BLTTA	20030122ADP	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	1995167	3520.7	
not affected by terrain losses	1890496	3380.7	
lost to NTSC IX	24599	277.0	
lost to additional IX by ATV	1249520	2005.6	
lost to all IX	1274119	2282.6	

Potential Interfering Stations Included in above Scenario 4

33N AZ PHOENIX	BLCT	19971110KF	LIC
39N AZ PHOENIX	BLET	20010205ABS	LIC
31A AZ PHOENIX	DTVPLN	DTVP0812	PLN
34A AZ PHOENIX	DTVPLN	DTVP0925	PLN
35A AZ TUCSON	DTVPLN	DTVP0963	PLN
36A AZ MESA	DTVPLN	DTVP1002	PLN
49A AZ PHOENIX	BLCDDT	20060630ABU	LIC
50N AZ PHOENIX	USERRECORD01		APP

Percent new IX = 0.0000%

Result key: 5
 Scenario 5 Affected station 1 KFPH-CA
 Before Analysis

Results for: 35N AZ PHOENIX	BLTTA	20030122ADP	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	1995167	3520.7	
not affected by terrain losses	1890496	3380.7	
lost to NTSC IX	21690	192.6	

lost to additional IX by ATV	1298266	2124.7
lost to all IX	1319956	2317.4

Potential Interfering Stations Included in above Scenario 5

33N AZ PHOENIX	BLCT	19971110KF	LIC
39N AZ PHOENIX	BLCT	20060809ABN	LIC
31A AZ PHOENIX	DTVPLN	DTVP0812	PLN
34A AZ PHOENIX	BLCDT	20020819ABN	LIC
35A AZ TUCSON	BLCDT	20050802AAW	LIC
36A AZ MESA	DTVPLN	DTVP1002	PLN
49A AZ PHOENIX	BLCDT	20060630ABU	LIC

After Analysis

Results for: 35N AZ PHOENIX	BLTTA	20030122ADP	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	1995167	3520.7	
not affected by terrain losses	1890496	3380.7	
lost to NTSC IX	24005	207.5	
lost to additional IX by ATV	1295951	2109.9	
lost to all IX	1319956	2317.4	

Potential Interfering Stations Included in above Scenario 5

33N AZ PHOENIX	BLCT	19971110KF	LIC
39N AZ PHOENIX	BLCT	20060809ABN	LIC
31A AZ PHOENIX	DTVPLN	DTVP0812	PLN
34A AZ PHOENIX	BLCDT	20020819ABN	LIC
35A AZ TUCSON	BLCDT	20050802AAW	LIC
36A AZ MESA	DTVPLN	DTVP1002	PLN
49A AZ PHOENIX	BLCDT	20060630ABU	LIC
50N AZ PHOENIX	USERRECORD01		APP

Percent new IX = 0.0000%

Result key: 6
Scenario 6 Affected station 1 KFPH-CA
Before Analysis

Results for: 35N AZ PHOENIX	BLTTA	20030122ADP	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	1995167	3520.7	
not affected by terrain losses	1890496	3380.7	
lost to NTSC IX	21690	192.6	
lost to additional IX by ATV	1253727	2091.0	
lost to all IX	1275417	2283.6	

Potential Interfering Stations Included in above Scenario 6

33N AZ PHOENIX	BLCT	19971110KF	LIC
39N AZ PHOENIX	BLCT	20060809ABN	LIC
31A AZ PHOENIX	DTVPLN	DTVP0812	PLN
34A AZ PHOENIX	BLCDT	20020819ABN	LIC
35A AZ TUCSON	DTVPLN	DTVP0963	PLN
36A AZ MESA	DTVPLN	DTVP1002	PLN
49A AZ PHOENIX	BLCDT	20060630ABU	LIC

After Analysis

Results for: 35N AZ PHOENIX	BLTTA	20030122ADP	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	1995167	3520.7	
not affected by terrain losses	1890496	3380.7	
lost to NTSC IX	24005	207.5	
lost to additional IX by ATV	1251412	2076.1	
lost to all IX	1275417	2283.6	

Potential Interfering Stations Included in above Scenario 6

33N AZ PHOENIX	BLCT	19971110KF	LIC
39N AZ PHOENIX	BLCT	20060809ABN	LIC
31A AZ PHOENIX	DTVPLN	DTVP0812	PLN
34A AZ PHOENIX	BLCDDT	20020819ABN	LIC
35A AZ TUCSON	DTVPLN	DTVP0963	PLN
36A AZ MESA	DTVPLN	DTVP1002	PLN
49A AZ PHOENIX	BLCDDT	20060630ABU	LIC
50N AZ PHOENIX	USERRECORD01		APP

Percent new IX = 0.0000%

Result key: 7
 Scenario 7 Affected station 1 KFPH-CA
 Before Analysis

Results for: 35N AZ PHOENIX	BLTTA	20030122ADP	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	1995167	3520.7	
not affected by terrain losses	1890496	3380.7	
lost to NTSC IX	21690	192.6	
lost to additional IX by ATV	1298266	2124.7	
lost to all IX	1319956	2317.4	

Potential Interfering Stations Included in above Scenario 7

33N AZ PHOENIX	BLCT	19971110KF	LIC
39N AZ PHOENIX	BLCT	20060809ABN	LIC
31A AZ PHOENIX	DTVPLN	DTVP0812	PLN
34A AZ PHOENIX	DTVPLN	DTVP0925	PLN
35A AZ TUCSON	BLCDDT	20050802AAW	LIC
36A AZ MESA	DTVPLN	DTVP1002	PLN
49A AZ PHOENIX	BLCDDT	20060630ABU	LIC

After Analysis

Results for: 35N AZ PHOENIX	BLTTA	20030122ADP	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	1995167	3520.7	
not affected by terrain losses	1890496	3380.7	
lost to NTSC IX	24005	207.5	
lost to additional IX by ATV	1295951	2109.9	
lost to all IX	1319956	2317.4	

Potential Interfering Stations Included in above Scenario 7

33N AZ PHOENIX	BLCT	19971110KF	LIC
39N AZ PHOENIX	BLCT	20060809ABN	LIC
31A AZ PHOENIX	DTVPLN	DTVP0812	PLN
34A AZ PHOENIX	DTVPLN	DTVP0925	PLN
35A AZ TUCSON	BLCDDT	20050802AAW	LIC
36A AZ MESA	DTVPLN	DTVP1002	PLN
49A AZ PHOENIX	BLCDDT	20060630ABU	LIC
50N AZ PHOENIX	USERRECORD01		APP

Percent new IX = 0.0000%

Result key: 8
 Scenario 8 Affected station 1 KFPH-CA
 Before Analysis

Results for: 35N AZ PHOENIX	BLTTA	20030122ADP	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	1995167	3520.7	
not affected by terrain losses	1890496	3380.7	
lost to NTSC IX	21690	192.6	
lost to additional IX by ATV	1253727	2091.0	

lost to all IX 1275417 2283.6

Potential Interfering Stations Included in above Scenario 8

33N AZ PHOENIX	BLCT	19971110KF	LIC
39N AZ PHOENIX	BLCT	20060809ABN	LIC
31A AZ PHOENIX	DTVPLN	DTVP0812	PLN
34A AZ PHOENIX	DTVPLN	DTVP0925	PLN
35A AZ TUCSON	DTVPLN	DTVP0963	PLN
36A AZ MESA	DTVPLN	DTVP1002	PLN
49A AZ PHOENIX	BLCDT	20060630ABU	LIC

After Analysis

Results for: 35N AZ PHOENIX	BLTTA	20030122ADP	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	1995167	3520.7	
not affected by terrain losses	1890496	3380.7	
lost to NTSC IX	24005	207.5	
lost to additional IX by ATV	1251412	2076.1	
lost to all IX	1275417	2283.6	

Potential Interfering Stations Included in above Scenario 8

33N AZ PHOENIX	BLCT	19971110KF	LIC
39N AZ PHOENIX	BLCT	20060809ABN	LIC
31A AZ PHOENIX	DTVPLN	DTVP0812	PLN
34A AZ PHOENIX	DTVPLN	DTVP0925	PLN
35A AZ TUCSON	DTVPLN	DTVP0963	PLN
36A AZ MESA	DTVPLN	DTVP1002	PLN
49A AZ PHOENIX	BLCDT	20060630ABU	LIC
50N AZ PHOENIX	USERRECORD01		APP

Percent new IX = 0.0000%

Result key: 9
Scenario 9 Affected station 1 KFPH-CA
Before Analysis

Results for: 35N AZ PHOENIX	BLTTA	20030122ADP	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	1995167	3520.7	
not affected by terrain losses	1890496	3380.7	
lost to NTSC IX	22284	262.1	
lost to additional IX by ATV	1296374	2054.3	
lost to all IX	1318658	2316.4	

Potential Interfering Stations Included in above Scenario 9

33N AZ PHOENIX	BLCT	19971110KF	LIC
39N AZ PHOENIX	BLET	20010205ABS	LIC
31A AZ PHOENIX	DTVPLN	DTVP0812	PLN
34A AZ PHOENIX	BLCDT	20020819ABN	LIC
35A AZ TUCSON	BLCDT	20050802AAW	LIC
36A AZ MESA	DTVPLN	DTVP1002	PLN
49A AZ PHOENIX	BLCDT	20060630ABU	LIC

After Analysis

Results for: 35N AZ PHOENIX	BLTTA	20030122ADP	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	1995167	3520.7	
not affected by terrain losses	1890496	3380.7	
lost to NTSC IX	24599	277.0	
lost to additional IX by ATV	1294059	2039.4	
lost to all IX	1318658	2316.4	

Potential Interfering Stations Included in above Scenario 9

33N AZ PHOENIX	BLCT	19971110KF	LIC
39N AZ PHOENIX	BLET	20010205ABS	LIC
31A AZ PHOENIX	DTVPLN	DTVP0812	PLN
34A AZ PHOENIX	BLCDT	20020819ABN	LIC
35A AZ TUCSON	BLCDT	20050802AAW	LIC
36A AZ MESA	DTVPLN	DTVP1002	PLN
49A AZ PHOENIX	BLCDT	20060630ABU	LIC
50N AZ PHOENIX	USERRECORD01		APP

Percent new IX = 0.0000%

Result key: 10
 Scenario 10 Affected station 1 KFPH-CA
 Before Analysis

Results for: 35N AZ PHOENIX	BLTTA	20030122ADP	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	1995167	3520.7	
not affected by terrain losses	1890496	3380.7	
lost to NTSC IX	22284	262.1	
lost to additional IX by ATV	1296374	2054.3	
lost to all IX	1318658	2316.4	

Potential Interfering Stations Included in above Scenario 10

33N AZ PHOENIX	BLCT	19971110KF	LIC
39N AZ PHOENIX	BLET	20010205ABS	LIC
31A AZ PHOENIX	DTVPLN	DTVP0812	PLN
34A AZ PHOENIX	BLCDT	20020819ABN	LIC
35A AZ TUCSON	BLCDT	20050802AAW	LIC
36A AZ MESA	DTVPLN	DTVP1002	PLN
49A AZ PHOENIX	BPCDT	20080617AEG	APP

After Analysis

Results for: 35N AZ PHOENIX	BLTTA	20030122ADP	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	1995167	3520.7	
not affected by terrain losses	1890496	3380.7	
lost to NTSC IX	24599	277.0	
lost to additional IX by ATV	1294059	2039.4	
lost to all IX	1318658	2316.4	

Potential Interfering Stations Included in above Scenario 10

33N AZ PHOENIX	BLCT	19971110KF	LIC
39N AZ PHOENIX	BLET	20010205ABS	LIC
31A AZ PHOENIX	DTVPLN	DTVP0812	PLN
34A AZ PHOENIX	BLCDT	20020819ABN	LIC
35A AZ TUCSON	BLCDT	20050802AAW	LIC
36A AZ MESA	DTVPLN	DTVP1002	PLN
49A AZ PHOENIX	BPCDT	20080617AEG	APP
50N AZ PHOENIX	USERRECORD01		APP

Percent new IX = 0.0000%

Result key: 11
 Scenario 11 Affected station 1 KFPH-CA
 Before Analysis

Results for: 35N AZ PHOENIX	BLTTA	20030122ADP	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	1995167	3520.7	
not affected by terrain losses	1890496	3380.7	
lost to NTSC IX	22284	262.1	
lost to additional IX by ATV	1251835	2020.5	
lost to all IX	1274119	2282.6	

Potential Interfering Stations Included in above Scenario 11

33N AZ PHOENIX	BLCT	19971110KF	LIC
39N AZ PHOENIX	BLET	20010205ABS	LIC
31A AZ PHOENIX	DTVPLN	DTVP0812	PLN
34A AZ PHOENIX	BLCDT	20020819ABN	LIC
35A AZ TUCSON	DTVPLN	DTVP0963	PLN
36A AZ MESA	DTVPLN	DTVP1002	PLN
49A AZ PHOENIX	BLCDT	20060630ABU	LIC

After Analysis

Results for: 35N AZ PHOENIX	BLTTA	20030122ADP	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	1995167	3520.7	
not affected by terrain losses	1890496	3380.7	
lost to NTSC IX	24599	277.0	
lost to additional IX by ATV	1249520	2005.6	
lost to all IX	1274119	2282.6	

Potential Interfering Stations Included in above Scenario 11

33N AZ PHOENIX	BLCT	19971110KF	LIC
39N AZ PHOENIX	BLET	20010205ABS	LIC
31A AZ PHOENIX	DTVPLN	DTVP0812	PLN
34A AZ PHOENIX	BLCDT	20020819ABN	LIC
35A AZ TUCSON	DTVPLN	DTVP0963	PLN
36A AZ MESA	DTVPLN	DTVP1002	PLN
49A AZ PHOENIX	BLCDT	20060630ABU	LIC
50N AZ PHOENIX	USERRECORD01		APP

Percent new IX = 0.0000%

Result key: 12
 Scenario 12 Affected station 1 KFPH-CA
 Before Analysis

Results for: 35N AZ PHOENIX	BLTTA	20030122ADP	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	1995167	3520.7	
not affected by terrain losses	1890496	3380.7	
lost to NTSC IX	22284	262.1	
lost to additional IX by ATV	1251835	2020.5	
lost to all IX	1274119	2282.6	

Potential Interfering Stations Included in above Scenario 12

33N AZ PHOENIX	BLCT	19971110KF	LIC
39N AZ PHOENIX	BLET	20010205ABS	LIC
31A AZ PHOENIX	DTVPLN	DTVP0812	PLN
34A AZ PHOENIX	BLCDT	20020819ABN	LIC
35A AZ TUCSON	DTVPLN	DTVP0963	PLN
36A AZ MESA	DTVPLN	DTVP1002	PLN
49A AZ PHOENIX	BPCDT	20080617AEG	APP

After Analysis

Results for: 35N AZ PHOENIX	BLTTA	20030122ADP	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	1995167	3520.7	
not affected by terrain losses	1890496	3380.7	
lost to NTSC IX	24599	277.0	
lost to additional IX by ATV	1249520	2005.6	
lost to all IX	1274119	2282.6	

Potential Interfering Stations Included in above Scenario 12

33N AZ PHOENIX	BLCT	19971110KF	LIC
39N AZ PHOENIX	BLET	20010205ABS	LIC
31A AZ PHOENIX	DTVPLN	DTVP0812	PLN
34A AZ PHOENIX	BLCDT	20020819ABN	LIC
35A AZ TUCSON	DTVPLN	DTVP0963	PLN
36A AZ MESA	DTVPLN	DTVP1002	PLN
49A AZ PHOENIX	BPCDT	20080617AEG	APP
50N AZ PHOENIX	USERRECORD01		APP

Percent new IX = 0.0000%

Result key: 13
 Scenario 13 Affected station 1 KFPH-CA
 Before Analysis

Results for: 35N AZ PHOENIX	BLTTA	20030122ADP	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	1995167	3520.7	
not affected by terrain losses	1890496	3380.7	
lost to NTSC IX	22284	262.1	
lost to additional IX by ATV	1296374	2054.3	
lost to all IX	1318658	2316.4	

Potential Interfering Stations Included in above Scenario 13

33N AZ PHOENIX	BLCT	19971110KF	LIC
39N AZ PHOENIX	BLET	20010205ABS	LIC
31A AZ PHOENIX	DTVPLN	DTVP0812	PLN
34A AZ PHOENIX	DTVPLN	DTVP0925	PLN
35A AZ TUCSON	BLCDT	20050802AAW	LIC
36A AZ MESA	DTVPLN	DTVP1002	PLN
49A AZ PHOENIX	BLCDT	20060630ABU	LIC

After Analysis

Results for: 35N AZ PHOENIX	BLTTA	20030122ADP	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	1995167	3520.7	
not affected by terrain losses	1890496	3380.7	
lost to NTSC IX	24599	277.0	
lost to additional IX by ATV	1294059	2039.4	
lost to all IX	1318658	2316.4	

Potential Interfering Stations Included in above Scenario 13

33N AZ PHOENIX	BLCT	19971110KF	LIC
39N AZ PHOENIX	BLET	20010205ABS	LIC
31A AZ PHOENIX	DTVPLN	DTVP0812	PLN
34A AZ PHOENIX	DTVPLN	DTVP0925	PLN
35A AZ TUCSON	BLCDT	20050802AAW	LIC
36A AZ MESA	DTVPLN	DTVP1002	PLN
49A AZ PHOENIX	BLCDT	20060630ABU	LIC
50N AZ PHOENIX	USERRECORD01		APP

Percent new IX = 0.0000%

Result key: 14
 Scenario 14 Affected station 1 KFPH-CA
 Before Analysis

Results for: 35N AZ PHOENIX	BLTTA	20030122ADP	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	1995167	3520.7	
not affected by terrain losses	1890496	3380.7	
lost to NTSC IX	22284	262.1	
lost to additional IX by ATV	1296374	2054.3	
lost to all IX	1318658	2316.4	

Potential Interfering Stations Included in above Scenario 14

33N AZ PHOENIX	BLCT	19971110KF	LIC
39N AZ PHOENIX	BLET	20010205ABS	LIC
31A AZ PHOENIX	DTVPLN	DTVP0812	PLN
34A AZ PHOENIX	DTVPLN	DTVP0925	PLN
35A AZ TUCSON	BLCDT	20050802AAW	LIC
36A AZ MESA	DTVPLN	DTVP1002	PLN
49A AZ PHOENIX	BPCDT	20080617AEG	APP

After Analysis

Results for: 35N AZ PHOENIX	BLTTA	20030122ADP	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	1995167	3520.7	
not affected by terrain losses	1890496	3380.7	
lost to NTSC IX	24599	277.0	
lost to additional IX by ATV	1294059	2039.4	
lost to all IX	1318658	2316.4	

Potential Interfering Stations Included in above Scenario 14

33N AZ PHOENIX	BLCT	19971110KF	LIC
39N AZ PHOENIX	BLET	20010205ABS	LIC
31A AZ PHOENIX	DTVPLN	DTVP0812	PLN
34A AZ PHOENIX	DTVPLN	DTVP0925	PLN
35A AZ TUCSON	BLCDT	20050802AAW	LIC
36A AZ MESA	DTVPLN	DTVP1002	PLN
49A AZ PHOENIX	BPCDT	20080617AEG	APP
50N AZ PHOENIX	USERRECORD01		APP

Percent new IX = 0.0000%

Result key: 15
 Scenario 15 Affected station 1 KFPH-CA
 Before Analysis

Results for: 35N AZ PHOENIX	BLTTA	20030122ADP	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	1995167	3520.7	
not affected by terrain losses	1890496	3380.7	
lost to NTSC IX	22284	262.1	
lost to additional IX by ATV	1251835	2020.5	
lost to all IX	1274119	2282.6	

Potential Interfering Stations Included in above Scenario 15

33N AZ PHOENIX	BLCT	19971110KF	LIC
39N AZ PHOENIX	BLET	20010205ABS	LIC
31A AZ PHOENIX	DTVPLN	DTVP0812	PLN
34A AZ PHOENIX	DTVPLN	DTVP0925	PLN
35A AZ TUCSON	DTVPLN	DTVP0963	PLN
36A AZ MESA	DTVPLN	DTVP1002	PLN
49A AZ PHOENIX	BLCDT	20060630ABU	LIC

After Analysis

Results for: 35N AZ PHOENIX	BLTTA	20030122ADP	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	1995167	3520.7	
not affected by terrain losses	1890496	3380.7	
lost to NTSC IX	24599	277.0	
lost to additional IX by ATV	1249520	2005.6	
lost to all IX	1274119	2282.6	

Potential Interfering Stations Included in above Scenario 15

33N AZ PHOENIX	BLCT	19971110KF	LIC
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39N AZ PHOENIX	BLET	20010205ABS	LIC
31A AZ PHOENIX	DTVPLN	DTVP0812	PLN
34A AZ PHOENIX	DTVPLN	DTVP0925	PLN
35A AZ TUCSON	DTVPLN	DTVP0963	PLN
36A AZ MESA	DTVPLN	DTVP1002	PLN
49A AZ PHOENIX	BLCDT	20060630ABU	LIC
50N AZ PHOENIX	USERRECORD01		APP

Percent new IX = 0.0000%

Result key: 16
 Scenario 16 Affected station 1 KFPH-CA
 Before Analysis

Results for: 35N AZ PHOENIX	BLTTA	20030122ADP	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	1995167	3520.7	
not affected by terrain losses	1890496	3380.7	
lost to NTSC IX	22284	262.1	
lost to additional IX by ATV	1251835	2020.5	
lost to all IX	1274119	2282.6	

Potential Interfering Stations Included in above Scenario 16

33N AZ PHOENIX	BLCT	19971110KF	LIC
39N AZ PHOENIX	BLET	20010205ABS	LIC
31A AZ PHOENIX	DTVPLN	DTVP0812	PLN
34A AZ PHOENIX	DTVPLN	DTVP0925	PLN
35A AZ TUCSON	DTVPLN	DTVP0963	PLN
36A AZ MESA	DTVPLN	DTVP1002	PLN
49A AZ PHOENIX	BPCDT	20080617AEG	APP

After Analysis

Results for: 35N AZ PHOENIX	BLTTA	20030122ADP	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	1995167	3520.7	
not affected by terrain losses	1890496	3380.7	
lost to NTSC IX	24599	277.0	
lost to additional IX by ATV	1249520	2005.6	
lost to all IX	1274119	2282.6	

Potential Interfering Stations Included in above Scenario 16

33N AZ PHOENIX	BLCT	19971110KF	LIC
39N AZ PHOENIX	BLET	20010205ABS	LIC
31A AZ PHOENIX	DTVPLN	DTVP0812	PLN
34A AZ PHOENIX	DTVPLN	DTVP0925	PLN
35A AZ TUCSON	DTVPLN	DTVP0963	PLN
36A AZ MESA	DTVPLN	DTVP1002	PLN
49A AZ PHOENIX	BPCDT	20080617AEG	APP
50N AZ PHOENIX	USERRECORD01		APP

Percent new IX = 0.0000%

Result key: 17
 Scenario 17 Affected station 1 KFPH-CA
 Before Analysis

Results for: 35N AZ PHOENIX	BLTTA	20030122ADP	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	1995167	3520.7	
not affected by terrain losses	1890496	3380.7	
lost to NTSC IX	21690	192.6	
lost to additional IX by ATV	1298266	2124.7	
lost to all IX	1319956	2317.4	

Potential Interfering Stations Included in above Scenario 17

33N AZ PHOENIX	BLCT	19971110KF	LIC
39N AZ PHOENIX	BLCT	20060809ABN	LIC
31A AZ PHOENIX	DTVPLN	DTVP0812	PLN
34A AZ PHOENIX	BLCDT	20020819ABN	LIC
35A AZ TUCSON	BLCDT	20050802AAW	LIC
36A AZ MESA	DTVPLN	DTVP1002	PLN
49A AZ PHOENIX	BLCDT	20060630ABU	LIC

After Analysis

Results for: 35N AZ PHOENIX	BLTTA	20030122ADP	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	1995167	3520.7	
not affected by terrain losses	1890496	3380.7	
lost to NTSC IX	24005	207.5	
lost to additional IX by ATV	1295951	2109.9	
lost to all IX	1319956	2317.4	

Potential Interfering Stations Included in above Scenario 17

33N AZ PHOENIX	BLCT	19971110KF	LIC
39N AZ PHOENIX	BLCT	20060809ABN	LIC
31A AZ PHOENIX	DTVPLN	DTVP0812	PLN
34A AZ PHOENIX	BLCDT	20020819ABN	LIC
35A AZ TUCSON	BLCDT	20050802AAW	LIC
36A AZ MESA	DTVPLN	DTVP1002	PLN
49A AZ PHOENIX	BLCDT	20060630ABU	LIC
50N AZ PHOENIX	USERRECORD01		APP

Percent new IX = 0.0000%

Result key: 18
 Scenario 18 Affected station 1 KFPH-CA
 Before Analysis

Results for: 35N AZ PHOENIX	BLTTA	20030122ADP	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	1995167	3520.7	
not affected by terrain losses	1890496	3380.7	
lost to NTSC IX	21690	192.6	
lost to additional IX by ATV	1298266	2124.7	
lost to all IX	1319956	2317.4	

Potential Interfering Stations Included in above Scenario 18

33N AZ PHOENIX	BLCT	19971110KF	LIC
39N AZ PHOENIX	BLCT	20060809ABN	LIC
31A AZ PHOENIX	DTVPLN	DTVP0812	PLN
34A AZ PHOENIX	BLCDT	20020819ABN	LIC
35A AZ TUCSON	BLCDT	20050802AAW	LIC
36A AZ MESA	DTVPLN	DTVP1002	PLN
49A AZ PHOENIX	BPCDT	20080617AEG	APP

After Analysis

Results for: 35N AZ PHOENIX	BLTTA	20030122ADP	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	1995167	3520.7	
not affected by terrain losses	1890496	3380.7	
lost to NTSC IX	24005	207.5	
lost to additional IX by ATV	1295951	2109.9	
lost to all IX	1319956	2317.4	

Potential Interfering Stations Included in above Scenario 18

33N AZ PHOENIX	BLCT	19971110KF	LIC
39N AZ PHOENIX	BLCT	20060809ABN	LIC

31A AZ PHOENIX	DTVPLN	DTVP0812	PLN
34A AZ PHOENIX	BLCDT	20020819ABN	LIC
35A AZ TUCSON	BLCDT	20050802AAW	LIC
36A AZ MESA	DTVPLN	DTVP1002	PLN
49A AZ PHOENIX	BPCDT	20080617AEG	APP
50N AZ PHOENIX	USERRECORD01		APP

Percent new IX = 0.0000%

Result key: 19
 Scenario 19 Affected station 1 KFPH-CA
 Before Analysis

Results for: 35N AZ PHOENIX	BLTTA	20030122ADP	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	1995167	3520.7	
not affected by terrain losses	1890496	3380.7	
lost to NTSC IX	21690	192.6	
lost to additional IX by ATV	1253727	2091.0	
lost to all IX	1275417	2283.6	

Potential Interfering Stations Included in above Scenario 19

33N AZ PHOENIX	BLCT	19971110KF	LIC
39N AZ PHOENIX	BLCT	20060809ABN	LIC
31A AZ PHOENIX	DTVPLN	DTVP0812	PLN
34A AZ PHOENIX	BLCDT	20020819ABN	LIC
35A AZ TUCSON	DTVPLN	DTVP0963	PLN
36A AZ MESA	DTVPLN	DTVP1002	PLN
49A AZ PHOENIX	BLCDT	20060630ABU	LIC

After Analysis

Results for: 35N AZ PHOENIX	BLTTA	20030122ADP	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	1995167	3520.7	
not affected by terrain losses	1890496	3380.7	
lost to NTSC IX	24005	207.5	
lost to additional IX by ATV	1251412	2076.1	
lost to all IX	1275417	2283.6	

Potential Interfering Stations Included in above Scenario 19

33N AZ PHOENIX	BLCT	19971110KF	LIC
39N AZ PHOENIX	BLCT	20060809ABN	LIC
31A AZ PHOENIX	DTVPLN	DTVP0812	PLN
34A AZ PHOENIX	BLCDT	20020819ABN	LIC
35A AZ TUCSON	DTVPLN	DTVP0963	PLN
36A AZ MESA	DTVPLN	DTVP1002	PLN
49A AZ PHOENIX	BLCDT	20060630ABU	LIC
50N AZ PHOENIX	USERRECORD01		APP

Percent new IX = 0.0000%

Result key: 20
 Scenario 20 Affected station 1 KFPH-CA
 Before Analysis

Results for: 35N AZ PHOENIX	BLTTA	20030122ADP	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	1995167	3520.7	
not affected by terrain losses	1890496	3380.7	
lost to NTSC IX	21690	192.6	
lost to additional IX by ATV	1253727	2091.0	
lost to all IX	1275417	2283.6	

Potential Interfering Stations Included in above Scenario 20

33N AZ PHOENIX	BLCT	19971110KF	LIC
39N AZ PHOENIX	BLCT	20060809ABN	LIC
31A AZ PHOENIX	DTVPLN	DTVP0812	PLN
34A AZ PHOENIX	BLCDT	20020819ABN	LIC
35A AZ TUCSON	DTVPLN	DTVP0963	PLN
36A AZ MESA	DTVPLN	DTVP1002	PLN
49A AZ PHOENIX	BPCDT	20080617AEG	APP

After Analysis

Results for: 35N AZ PHOENIX	BLTTA	20030122ADP	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	1995167	3520.7	
not affected by terrain losses	1890496	3380.7	
lost to NTSC IX	24005	207.5	
lost to additional IX by ATV	1251412	2076.1	
lost to all IX	1275417	2283.6	

Potential Interfering Stations Included in above Scenario 20

33N AZ PHOENIX	BLCT	19971110KF	LIC
39N AZ PHOENIX	BLCT	20060809ABN	LIC
31A AZ PHOENIX	DTVPLN	DTVP0812	PLN
34A AZ PHOENIX	BLCDT	20020819ABN	LIC
35A AZ TUCSON	DTVPLN	DTVP0963	PLN
36A AZ MESA	DTVPLN	DTVP1002	PLN
49A AZ PHOENIX	BPCDT	20080617AEG	APP
50N AZ PHOENIX	USERRECORD01		APP

Percent new IX = 0.0000%

Result key: 21
 Scenario 21 Affected station 1 KFPH-CA
 Before Analysis

Results for: 35N AZ PHOENIX	BLTTA	20030122ADP	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	1995167	3520.7	
not affected by terrain losses	1890496	3380.7	
lost to NTSC IX	21690	192.6	
lost to additional IX by ATV	1298266	2124.7	
lost to all IX	1319956	2317.4	

Potential Interfering Stations Included in above Scenario 21

33N AZ PHOENIX	BLCT	19971110KF	LIC
39N AZ PHOENIX	BLCT	20060809ABN	LIC
31A AZ PHOENIX	DTVPLN	DTVP0812	PLN
34A AZ PHOENIX	DTVPLN	DTVP0925	PLN
35A AZ TUCSON	BLCDT	20050802AAW	LIC
36A AZ MESA	DTVPLN	DTVP1002	PLN
49A AZ PHOENIX	BLCDT	20060630ABU	LIC

After Analysis

Results for: 35N AZ PHOENIX	BLTTA	20030122ADP	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	1995167	3520.7	
not affected by terrain losses	1890496	3380.7	
lost to NTSC IX	24005	207.5	
lost to additional IX by ATV	1295951	2109.9	
lost to all IX	1319956	2317.4	

Potential Interfering Stations Included in above Scenario 21

33N AZ PHOENIX	BLCT	19971110KF	LIC
39N AZ PHOENIX	BLCT	20060809ABN	LIC
31A AZ PHOENIX	DTVPLN	DTVP0812	PLN

34A AZ PHOENIX	DTVPLN	DTVP0925	PLN
35A AZ TUCSON	BLCDT	20050802AAW	LIC
36A AZ MESA	DTVPLN	DTVP1002	PLN
49A AZ PHOENIX	BLCDT	20060630ABU	LIC
50N AZ PHOENIX	USERRECORD01		APP

Percent new IX = 0.0000%

Result key: 22
 Scenario 22 Affected station 1 KFPH-CA
 Before Analysis

Results for: 35N AZ PHOENIX	BLTTA	20030122ADP	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	1995167	3520.7	
not affected by terrain losses	1890496	3380.7	
lost to NTSC IX	21690	192.6	
lost to additional IX by ATV	1298266	2124.7	
lost to all IX	1319956	2317.4	

Potential Interfering Stations Included in above Scenario 22

33N AZ PHOENIX	BLCT	19971110KF	LIC
39N AZ PHOENIX	BLCT	20060809ABN	LIC
31A AZ PHOENIX	DTVPLN	DTVP0812	PLN
34A AZ PHOENIX	DTVPLN	DTVP0925	PLN
35A AZ TUCSON	BLCDT	20050802AAW	LIC
36A AZ MESA	DTVPLN	DTVP1002	PLN
49A AZ PHOENIX	BPCDT	20080617AEG	APP

After Analysis

Results for: 35N AZ PHOENIX	BLTTA	20030122ADP	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	1995167	3520.7	
not affected by terrain losses	1890496	3380.7	
lost to NTSC IX	24005	207.5	
lost to additional IX by ATV	1295951	2109.9	
lost to all IX	1319956	2317.4	

Potential Interfering Stations Included in above Scenario 22

33N AZ PHOENIX	BLCT	19971110KF	LIC
39N AZ PHOENIX	BLCT	20060809ABN	LIC
31A AZ PHOENIX	DTVPLN	DTVP0812	PLN
34A AZ PHOENIX	DTVPLN	DTVP0925	PLN
35A AZ TUCSON	BLCDT	20050802AAW	LIC
36A AZ MESA	DTVPLN	DTVP1002	PLN
49A AZ PHOENIX	BPCDT	20080617AEG	APP
50N AZ PHOENIX	USERRECORD01		APP

Percent new IX = 0.0000%

Result key: 23
 Scenario 23 Affected station 1 KFPH-CA
 Before Analysis

Results for: 35N AZ PHOENIX	BLTTA	20030122ADP	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	1995167	3520.7	
not affected by terrain losses	1890496	3380.7	
lost to NTSC IX	21690	192.6	
lost to additional IX by ATV	1253727	2091.0	
lost to all IX	1275417	2283.6	

Potential Interfering Stations Included in above Scenario 23

33N AZ PHOENIX	BLCT	19971110KF	LIC
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39N AZ PHOENIX	BLCT	20060809ABN	LIC
31A AZ PHOENIX	DTVPLN	DTVP0812	PLN
34A AZ PHOENIX	DTVPLN	DTVP0925	PLN
35A AZ TUCSON	DTVPLN	DTVP0963	PLN
36A AZ MESA	DTVPLN	DTVP1002	PLN
49A AZ PHOENIX	BLCDT	20060630ABU	LIC

After Analysis

Results for: 35N AZ PHOENIX	BLTTA	20030122ADP	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	1995167	3520.7	
not affected by terrain losses	1890496	3380.7	
lost to NTSC IX	24005	207.5	
lost to additional IX by ATV	1251412	2076.1	
lost to all IX	1275417	2283.6	

Potential Interfering Stations Included in above Scenario 23

33N AZ PHOENIX	BLCT	19971110KF	LIC
39N AZ PHOENIX	BLCT	20060809ABN	LIC
31A AZ PHOENIX	DTVPLN	DTVP0812	PLN
34A AZ PHOENIX	DTVPLN	DTVP0925	PLN
35A AZ TUCSON	DTVPLN	DTVP0963	PLN
36A AZ MESA	DTVPLN	DTVP1002	PLN
49A AZ PHOENIX	BLCDT	20060630ABU	LIC
50N AZ PHOENIX	USERRECORD01		APP

Percent new IX = 0.0000%

Result key: 24
 Scenario 24 Affected station 1 KFPH-CA
 Before Analysis

Results for: 35N AZ PHOENIX	BLTTA	20030122ADP	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	1995167	3520.7	
not affected by terrain losses	1890496	3380.7	
lost to NTSC IX	21690	192.6	
lost to additional IX by ATV	1253727	2091.0	
lost to all IX	1275417	2283.6	

Potential Interfering Stations Included in above Scenario 24

33N AZ PHOENIX	BLCT	19971110KF	LIC
39N AZ PHOENIX	BLCT	20060809ABN	LIC
31A AZ PHOENIX	DTVPLN	DTVP0812	PLN
34A AZ PHOENIX	DTVPLN	DTVP0925	PLN
35A AZ TUCSON	DTVPLN	DTVP0963	PLN
36A AZ MESA	DTVPLN	DTVP1002	PLN
49A AZ PHOENIX	BPCDT	20080617AEG	APP

After Analysis

Results for: 35N AZ PHOENIX	BLTTA	20030122ADP	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	1995167	3520.7	
not affected by terrain losses	1890496	3380.7	
lost to NTSC IX	24005	207.5	
lost to additional IX by ATV	1251412	2076.1	
lost to all IX	1275417	2283.6	

Potential Interfering Stations Included in above Scenario 24

33N AZ PHOENIX	BLCT	19971110KF	LIC
39N AZ PHOENIX	BLCT	20060809ABN	LIC
31A AZ PHOENIX	DTVPLN	DTVP0812	PLN
34A AZ PHOENIX	DTVPLN	DTVP0925	PLN

35A AZ TUCSON	DTVPLN	DTVP0963	PLN
36A AZ MESA	DTVPLN	DTVP1002	PLN
49A AZ PHOENIX	BPCDT	20080617AEG	APP
50N AZ PHOENIX	USERRECORD01		APP

Percent new IX = 0.0000%

Worst case new IX 0.0000% Scenario 1

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Analysis of Interference to Affected Station 2

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
35	KFPH-CA	PHOENIX AZ	BPTTA	-20030227AAW

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
31	KSAZ-DT	PHOENIX AZ	0.1	PLN	DTVPLN	-DTVP0812
33	KTVW-TV	PHOENIX AZ	0.0	LIC	BLCT	-19971110KF
34	KTVW-TV	PHOENIX AZ	0.0	LIC	BLCDDT	-20020819ABN
34	KTVW-DT	PHOENIX AZ	0.0	PLN	DTVPLN	-DTVP0925
35	K35FH	FLAGSTAFF AZ	216.1	CP	BDFCDTT	-20060329AFB
35	KGUN	TUCSON AZ	162.0	LIC	BLCDDT	-20050802AAW
35	KGUN-DT	TUCSON AZ	161.9	PLN	DTVPLN	-DTVP0963
35	KESE-LP	YUMA AZ	245.1	APP	BMAPTTL	-20000818AEP
35	NEW	PALM SPRINGS CA	388.9	APP	BDCCDTL	-20070420ABK
35	K35JA-D	LAUGHLIN NV	325.4	CP	BDCCDTL	-20061012ABX
36	KPNX-DT	MESA AZ	0.1	PLN	DTVPLN	-DTVP1002
39	KTAZ	PHOENIX AZ	0.0	APP	BSTA	-20060510ABH
39	KDTP	PHOENIX AZ	0.0	LIC	BLET	-20010205ABS
39	KTAZ	PHOENIX AZ	0.2	LIC	BLCT	-20060809ABN
49	KASW-DT	PHOENIX AZ	0.1	PLN	DTVPLN	-DTVP1410
49	KASW	PHOENIX AZ	0.1	LIC	BLCDDT	-20060630ABU
49	KASW	PHOENIX AZ	0.0	APP	BPCDT	-20080617AEG
50	K30ES	PHOENIX AZ	0.3	APP	USERRECORD-01	

Total scenarios = 16

Result key: 25

Scenario 1 Affected station 2 KFPH-CA

Before Analysis

Results for: 35N AZ PHOENIX	BPTTA	20030227AAW	APP
	POPULATION	AREA (sq km)	
within Noise Limited Contour	2082280	4966.7	
not affected by terrain losses	1993661	4693.7	
lost to NTSC IX	679	88.4	
lost to additional IX by ATV	1262613	2909.8	
lost to all IX	1263292	2998.1	

Potential Interfering Stations Included in above Scenario 1

33N AZ PHOENIX	BLCT	19971110KF	LIC
39N AZ PHOENIX	BLET	20010205ABS	LIC
34A AZ PHOENIX	BLCDDT	20020819ABN	LIC
35A AZ TUCSON	BLCDDT	20050802AAW	LIC
36A AZ MESA	DTVPLN	DTVP1002	PLN

After Analysis

Results for: 35N AZ PHOENIX	BPTTA	20030227AAW	APP
	POPULATION	AREA (sq km)	

within Noise Limited Contour	2082280	4966.7
not affected by terrain losses	1993661	4693.7
lost to NTSC IX	3715	92.3
lost to additional IX by ATV	1259577	2905.8
lost to all IX	1263292	2998.1

Potential Interfering Stations Included in above Scenario 1

33N AZ PHOENIX	BLCT	19971110KF	LIC
39N AZ PHOENIX	BLET	20010205ABS	LIC
34A AZ PHOENIX	BLCDT	20020819ABN	LIC
35A AZ TUCSON	BLCDT	20050802AAW	LIC
36A AZ MESA	DTVPLN	DTVP1002	PLN
50N AZ PHOENIX	USERRECORD01		APP

Percent new IX = 0.0000%

Result key: 26
 Scenario 2 Affected station 2 KFPH-CA
 Before Analysis

Results for: 35N AZ PHOENIX BPTTA 20030227AAW APP

	POPULATION	AREA (sq km)
within Noise Limited Contour	2082280	4966.7
not affected by terrain losses	1993661	4693.7
lost to NTSC IX	679	88.4
lost to additional IX by ATV	1255414	2874.0
lost to all IX	1256093	2962.4

Potential Interfering Stations Included in above Scenario 2

33N AZ PHOENIX	BLCT	19971110KF	LIC
39N AZ PHOENIX	BLET	20010205ABS	LIC
34A AZ PHOENIX	BLCDT	20020819ABN	LIC
35A AZ TUCSON	DTVPLN	DTVP0963	PLN
36A AZ MESA	DTVPLN	DTVP1002	PLN

After Analysis

Results for: 35N AZ PHOENIX BPTTA 20030227AAW APP

	POPULATION	AREA (sq km)
within Noise Limited Contour	2082280	4966.7
not affected by terrain losses	1993661	4693.7
lost to NTSC IX	3715	92.3
lost to additional IX by ATV	1252378	2870.0
lost to all IX	1256093	2962.4

Potential Interfering Stations Included in above Scenario 2

33N AZ PHOENIX	BLCT	19971110KF	LIC
39N AZ PHOENIX	BLET	20010205ABS	LIC
34A AZ PHOENIX	BLCDT	20020819ABN	LIC
35A AZ TUCSON	DTVPLN	DTVP0963	PLN
36A AZ MESA	DTVPLN	DTVP1002	PLN
50N AZ PHOENIX	USERRECORD01		APP

Percent new IX = 0.0000%

Result key: 27
 Scenario 3 Affected station 2 KFPH-CA
 Before Analysis

Results for: 35N AZ PHOENIX BPTTA 20030227AAW APP

	POPULATION	AREA (sq km)
within Noise Limited Contour	2082280	4966.7
not affected by terrain losses	1993661	4693.7
lost to NTSC IX	679	88.4
lost to additional IX by ATV	1262613	2909.8

lost to all IX 1263292 2998.1

Potential Interfering Stations Included in above Scenario 3

33N AZ PHOENIX	BLCT	19971110KF	LIC
39N AZ PHOENIX	BLET	20010205ABS	LIC
34A AZ PHOENIX	DTVPLN	DTVP0925	PLN
35A AZ TUCSON	BLCDT	20050802AAW	LIC
36A AZ MESA	DTVPLN	DTVP1002	PLN

After Analysis

Results for: 35N AZ PHOENIX	BPTTA	20030227AAW	APP
	POPULATION	AREA (sq km)	
within Noise Limited Contour	2082280	4966.7	
not affected by terrain losses	1993661	4693.7	
lost to NTSC IX	3715	92.3	
lost to additional IX by ATV	1259577	2905.8	
lost to all IX	1263292	2998.1	

Potential Interfering Stations Included in above Scenario 3

33N AZ PHOENIX	BLCT	19971110KF	LIC
39N AZ PHOENIX	BLET	20010205ABS	LIC
34A AZ PHOENIX	DTVPLN	DTVP0925	PLN
35A AZ TUCSON	BLCDT	20050802AAW	LIC
36A AZ MESA	DTVPLN	DTVP1002	PLN
50N AZ PHOENIX	USERRECORD01		APP

Percent new IX = 0.0000%

Result key: 28
Scenario 4 Affected station 2 KFPH-CA
Before Analysis

Results for: 35N AZ PHOENIX	BPTTA	20030227AAW	APP
	POPULATION	AREA (sq km)	
within Noise Limited Contour	2082280	4966.7	
not affected by terrain losses	1993661	4693.7	
lost to NTSC IX	679	88.4	
lost to additional IX by ATV	1255414	2874.0	
lost to all IX	1256093	2962.4	

Potential Interfering Stations Included in above Scenario 4

33N AZ PHOENIX	BLCT	19971110KF	LIC
39N AZ PHOENIX	BLET	20010205ABS	LIC
34A AZ PHOENIX	DTVPLN	DTVP0925	PLN
35A AZ TUCSON	DTVPLN	DTVP0963	PLN
36A AZ MESA	DTVPLN	DTVP1002	PLN

After Analysis

Results for: 35N AZ PHOENIX	BPTTA	20030227AAW	APP
	POPULATION	AREA (sq km)	
within Noise Limited Contour	2082280	4966.7	
not affected by terrain losses	1993661	4693.7	
lost to NTSC IX	3715	92.3	
lost to additional IX by ATV	1252378	2870.0	
lost to all IX	1256093	2962.4	

Potential Interfering Stations Included in above Scenario 4

33N AZ PHOENIX	BLCT	19971110KF	LIC
39N AZ PHOENIX	BLET	20010205ABS	LIC
34A AZ PHOENIX	DTVPLN	DTVP0925	PLN
35A AZ TUCSON	DTVPLN	DTVP0963	PLN
36A AZ MESA	DTVPLN	DTVP1002	PLN

50N AZ PHOENIX USERRECORD01 APP

Percent new IX = 0.0000%

Result key: 29
Scenario 5 Affected station 2 KFPH-CA
Before Analysis

Results for: 35N AZ PHOENIX	BPTTA	20030227AAW	APP
	POPULATION	AREA (sq km)	
within Noise Limited Contour	2082280	4966.7	
not affected by terrain losses	1993661	4693.7	
lost to NTSC IX	9730	10.9	
lost to additional IX by ATV	1253562	2987.2	
lost to all IX	1263292	2998.1	

Potential Interfering Stations Included in above Scenario 5

33N AZ PHOENIX	BLCT	19971110KF	LIC
39N AZ PHOENIX	BLCT	20060809ABN	LIC
34A AZ PHOENIX	BLCDDT	20020819ABN	LIC
35A AZ TUCSON	BLCDDT	20050802AAW	LIC
36A AZ MESA	DTVPLN	DTVP1002	PLN

After Analysis

Results for: 35N AZ PHOENIX	BPTTA	20030227AAW	APP
	POPULATION	AREA (sq km)	
within Noise Limited Contour	2082280	4966.7	
not affected by terrain losses	1993661	4693.7	
lost to NTSC IX	10858	13.9	
lost to additional IX by ATV	1252434	2984.2	
lost to all IX	1263292	2998.1	

Potential Interfering Stations Included in above Scenario 5

33N AZ PHOENIX	BLCT	19971110KF	LIC
39N AZ PHOENIX	BLCT	20060809ABN	LIC
34A AZ PHOENIX	BLCDDT	20020819ABN	LIC
35A AZ TUCSON	BLCDDT	20050802AAW	LIC
36A AZ MESA	DTVPLN	DTVP1002	PLN
50N AZ PHOENIX	USERRECORD01		APP

Percent new IX = 0.0000%

Result key: 30
Scenario 6 Affected station 2 KFPH-CA
Before Analysis

Results for: 35N AZ PHOENIX	BPTTA	20030227AAW	APP
	POPULATION	AREA (sq km)	
within Noise Limited Contour	2082280	4966.7	
not affected by terrain losses	1993661	4693.7	
lost to NTSC IX	9730	10.9	
lost to additional IX by ATV	1246363	2951.5	
lost to all IX	1256093	2962.4	

Potential Interfering Stations Included in above Scenario 6

33N AZ PHOENIX	BLCT	19971110KF	LIC
39N AZ PHOENIX	BLCT	20060809ABN	LIC
34A AZ PHOENIX	BLCDDT	20020819ABN	LIC
35A AZ TUCSON	DTVPLN	DTVP0963	PLN
36A AZ MESA	DTVPLN	DTVP1002	PLN

After Analysis

Results for: 35N AZ PHOENIX	BPTTA	20030227AAW	APP
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	POPULATION	AREA (sq km)
within Noise Limited Contour	2082280	4966.7
not affected by terrain losses	1993661	4693.7
lost to NTSC IX	10858	13.9
lost to additional IX by ATV	1245235	2948.5
lost to all IX	1256093	2962.4

Potential Interfering Stations Included in above Scenario 6

33N AZ PHOENIX	BLCT	19971110KF	LIC
39N AZ PHOENIX	BLCT	20060809ABN	LIC
34A AZ PHOENIX	BLC DT	20020819ABN	LIC
35A AZ TUCSON	DTVPLN	DTVP0963	PLN
36A AZ MESA	DTVPLN	DTVP1002	PLN
50N AZ PHOENIX	USERRECORD01		APP

Percent new IX = 0.0000%

Result key: 31
Scenario 7 Affected station 2 KFPH-CA
Before Analysis

Results for: 35N AZ PHOENIX BPTTA 20030227AAW APP

	POPULATION	AREA (sq km)
within Noise Limited Contour	2082280	4966.7
not affected by terrain losses	1993661	4693.7
lost to NTSC IX	9730	10.9
lost to additional IX by ATV	1253562	2987.2
lost to all IX	1263292	2998.1

Potential Interfering Stations Included in above Scenario 7

33N AZ PHOENIX	BLCT	19971110KF	LIC
39N AZ PHOENIX	BLCT	20060809ABN	LIC
34A AZ PHOENIX	DTVPLN	DTVP0925	PLN
35A AZ TUCSON	BLC DT	20050802AAW	LIC
36A AZ MESA	DTVPLN	DTVP1002	PLN

After Analysis

Results for: 35N AZ PHOENIX BPTTA 20030227AAW APP

	POPULATION	AREA (sq km)
within Noise Limited Contour	2082280	4966.7
not affected by terrain losses	1993661	4693.7
lost to NTSC IX	10858	13.9
lost to additional IX by ATV	1252434	2984.2
lost to all IX	1263292	2998.1

Potential Interfering Stations Included in above Scenario 7

33N AZ PHOENIX	BLCT	19971110KF	LIC
39N AZ PHOENIX	BLCT	20060809ABN	LIC
34A AZ PHOENIX	DTVPLN	DTVP0925	PLN
35A AZ TUCSON	BLC DT	20050802AAW	LIC
36A AZ MESA	DTVPLN	DTVP1002	PLN
50N AZ PHOENIX	USERRECORD01		APP

Percent new IX = 0.0000%

Result key: 32
Scenario 8 Affected station 2 KFPH-CA
Before Analysis

Results for: 35N AZ PHOENIX BPTTA 20030227AAW APP

	POPULATION	AREA (sq km)
within Noise Limited Contour	2082280	4966.7
not affected by terrain losses	1993661	4693.7
lost to NTSC IX	9730	10.9

lost to additional IX by ATV	1246363	2951.5
lost to all IX	1256093	2962.4

Potential Interfering Stations Included in above Scenario 8

33N AZ PHOENIX	BLCT	19971110KF	LIC
39N AZ PHOENIX	BLCT	20060809ABN	LIC
34A AZ PHOENIX	DTVPLN	DTVP0925	PLN
35A AZ TUCSON	DTVPLN	DTVP0963	PLN
36A AZ MESA	DTVPLN	DTVP1002	PLN

After Analysis

Results for: 35N AZ PHOENIX	BPTTA	20030227AAW	APP
	POPULATION	AREA (sq km)	
within Noise Limited Contour	2082280	4966.7	
not affected by terrain losses	1993661	4693.7	
lost to NTSC IX	10858	13.9	
lost to additional IX by ATV	1245235	2948.5	
lost to all IX	1256093	2962.4	

Potential Interfering Stations Included in above Scenario 8

33N AZ PHOENIX	BLCT	19971110KF	LIC
39N AZ PHOENIX	BLCT	20060809ABN	LIC
34A AZ PHOENIX	DTVPLN	DTVP0925	PLN
35A AZ TUCSON	DTVPLN	DTVP0963	PLN
36A AZ MESA	DTVPLN	DTVP1002	PLN
50N AZ PHOENIX	USERRECORD01		APP

Percent new IX = 0.0000%

Result key: 33
 Scenario 9 Affected station 2 KFPH-CA
 Before Analysis

Results for: 35N AZ PHOENIX	BPTTA	20030227AAW	APP
	POPULATION	AREA (sq km)	
within Noise Limited Contour	2082280	4966.7	
not affected by terrain losses	1993661	4693.7	
lost to NTSC IX	679	88.4	
lost to additional IX by ATV	1262613	2909.8	
lost to all IX	1263292	2998.1	

Potential Interfering Stations Included in above Scenario 9

33N AZ PHOENIX	BLCT	19971110KF	LIC
39N AZ PHOENIX	BLET	20010205ABS	LIC
34A AZ PHOENIX	BLCDDT	20020819ABN	LIC
35A AZ TUCSON	BLCDDT	20050802AAW	LIC
36A AZ MESA	DTVPLN	DTVP1002	PLN

After Analysis

Results for: 35N AZ PHOENIX	BPTTA	20030227AAW	APP
	POPULATION	AREA (sq km)	
within Noise Limited Contour	2082280	4966.7	
not affected by terrain losses	1993661	4693.7	
lost to NTSC IX	3715	92.3	
lost to additional IX by ATV	1259577	2905.8	
lost to all IX	1263292	2998.1	

Potential Interfering Stations Included in above Scenario 9

33N AZ PHOENIX	BLCT	19971110KF	LIC
39N AZ PHOENIX	BLET	20010205ABS	LIC
34A AZ PHOENIX	BLCDDT	20020819ABN	LIC
35A AZ TUCSON	BLCDDT	20050802AAW	LIC

36A AZ MESA	DTVPLN	DTVP1002	PLN
50N AZ PHOENIX	USERRECORD01		APP

Percent new IX = 0.0000%

Result key: 34
 Scenario 10 Affected station 2 KFPH-CA
 Before Analysis

Results for: 35N AZ PHOENIX	BPTTA	20030227AAW	APP
	POPULATION	AREA (sq km)	
within Noise Limited Contour	2082280	4966.7	
not affected by terrain losses	1993661	4693.7	
lost to NTSC IX	679	88.4	
lost to additional IX by ATV	1255414	2874.0	
lost to all IX	1256093	2962.4	

Potential Interfering Stations Included in above Scenario 10

33N AZ PHOENIX	BLCT	19971110KF	LIC
39N AZ PHOENIX	BLET	20010205ABS	LIC
34A AZ PHOENIX	BLCDT	20020819ABN	LIC
35A AZ TUCSON	DTVPLN	DTVP0963	PLN
36A AZ MESA	DTVPLN	DTVP1002	PLN

After Analysis

Results for: 35N AZ PHOENIX	BPTTA	20030227AAW	APP
	POPULATION	AREA (sq km)	
within Noise Limited Contour	2082280	4966.7	
not affected by terrain losses	1993661	4693.7	
lost to NTSC IX	3715	92.3	
lost to additional IX by ATV	1252378	2870.0	
lost to all IX	1256093	2962.4	

Potential Interfering Stations Included in above Scenario 10

33N AZ PHOENIX	BLCT	19971110KF	LIC
39N AZ PHOENIX	BLET	20010205ABS	LIC
34A AZ PHOENIX	BLCDT	20020819ABN	LIC
35A AZ TUCSON	DTVPLN	DTVP0963	PLN
36A AZ MESA	DTVPLN	DTVP1002	PLN
50N AZ PHOENIX	USERRECORD01		APP

Percent new IX = 0.0000%

Result key: 35
 Scenario 11 Affected station 2 KFPH-CA
 Before Analysis

Results for: 35N AZ PHOENIX	BPTTA	20030227AAW	APP
	POPULATION	AREA (sq km)	
within Noise Limited Contour	2082280	4966.7	
not affected by terrain losses	1993661	4693.7	
lost to NTSC IX	679	88.4	
lost to additional IX by ATV	1262613	2909.8	
lost to all IX	1263292	2998.1	

Potential Interfering Stations Included in above Scenario 11

33N AZ PHOENIX	BLCT	19971110KF	LIC
39N AZ PHOENIX	BLET	20010205ABS	LIC
34A AZ PHOENIX	DTVPLN	DTVP0925	PLN
35A AZ TUCSON	BLCDT	20050802AAW	LIC
36A AZ MESA	DTVPLN	DTVP1002	PLN

After Analysis

Results for: 35N AZ PHOENIX	BPTTA	20030227AAW	APP
	POPULATION	AREA (sq km)	
within Noise Limited Contour	2082280	4966.7	
not affected by terrain losses	1993661	4693.7	
lost to NTSC IX	3715	92.3	
lost to additional IX by ATV	1259577	2905.8	
lost to all IX	1263292	2998.1	

Potential Interfering Stations Included in above Scenario 11

33N AZ PHOENIX	BLCT	19971110KF	LIC
39N AZ PHOENIX	BLET	20010205ABS	LIC
34A AZ PHOENIX	DTVPLN	DTVP0925	PLN
35A AZ TUCSON	BLCDDT	20050802AAW	LIC
36A AZ MESA	DTVPLN	DTVP1002	PLN
50N AZ PHOENIX	USERRECORD01		APP

Percent new IX = 0.0000%

Result key: 36
 Scenario 12 Affected station 2 KFPH-CA
 Before Analysis

Results for: 35N AZ PHOENIX	BPTTA	20030227AAW	APP
	POPULATION	AREA (sq km)	
within Noise Limited Contour	2082280	4966.7	
not affected by terrain losses	1993661	4693.7	
lost to NTSC IX	679	88.4	
lost to additional IX by ATV	1255414	2874.0	
lost to all IX	1256093	2962.4	

Potential Interfering Stations Included in above Scenario 12

33N AZ PHOENIX	BLCT	19971110KF	LIC
39N AZ PHOENIX	BLET	20010205ABS	LIC
34A AZ PHOENIX	DTVPLN	DTVP0925	PLN
35A AZ TUCSON	DTVPLN	DTVP0963	PLN
36A AZ MESA	DTVPLN	DTVP1002	PLN

After Analysis

Results for: 35N AZ PHOENIX	BPTTA	20030227AAW	APP
	POPULATION	AREA (sq km)	
within Noise Limited Contour	2082280	4966.7	
not affected by terrain losses	1993661	4693.7	
lost to NTSC IX	3715	92.3	
lost to additional IX by ATV	1252378	2870.0	
lost to all IX	1256093	2962.4	

Potential Interfering Stations Included in above Scenario 12

33N AZ PHOENIX	BLCT	19971110KF	LIC
39N AZ PHOENIX	BLET	20010205ABS	LIC
34A AZ PHOENIX	DTVPLN	DTVP0925	PLN
35A AZ TUCSON	DTVPLN	DTVP0963	PLN
36A AZ MESA	DTVPLN	DTVP1002	PLN
50N AZ PHOENIX	USERRECORD01		APP

Percent new IX = 0.0000%

Result key: 37
 Scenario 13 Affected station 2 KFPH-CA
 Before Analysis

Results for: 35N AZ PHOENIX	BPTTA	20030227AAW	APP
	POPULATION	AREA (sq km)	
within Noise Limited Contour	2082280	4966.7	
not affected by terrain losses	1993661	4693.7	

lost to NTSC IX	9730	10.9
lost to additional IX by ATV	1253562	2987.2
lost to all IX	1263292	2998.1

Potential Interfering Stations Included in above Scenario 13

33N AZ PHOENIX	BLCT	19971110KF	LIC
39N AZ PHOENIX	BLCT	20060809ABN	LIC
34A AZ PHOENIX	BLCDDT	20020819ABN	LIC
35A AZ TUCSON	BLCDDT	20050802AAW	LIC
36A AZ MESA	DTVPLN	DTVP1002	PLN

After Analysis

Results for: 35N AZ PHOENIX	BPTTA	20030227AAW	APP
	POPULATION	AREA (sq km)	
within Noise Limited Contour	2082280	4966.7	
not affected by terrain losses	1993661	4693.7	
lost to NTSC IX	10858	13.9	
lost to additional IX by ATV	1252434	2984.2	
lost to all IX	1263292	2998.1	

Potential Interfering Stations Included in above Scenario 13

33N AZ PHOENIX	BLCT	19971110KF	LIC
39N AZ PHOENIX	BLCT	20060809ABN	LIC
34A AZ PHOENIX	BLCDDT	20020819ABN	LIC
35A AZ TUCSON	BLCDDT	20050802AAW	LIC
36A AZ MESA	DTVPLN	DTVP1002	PLN
50N AZ PHOENIX	USERRECORD01		APP

Percent new IX = 0.0000%

Result key: 38
 Scenario 14 Affected station 2 KFPH-CA
 Before Analysis

Results for: 35N AZ PHOENIX	BPTTA	20030227AAW	APP
	POPULATION	AREA (sq km)	
within Noise Limited Contour	2082280	4966.7	
not affected by terrain losses	1993661	4693.7	
lost to NTSC IX	9730	10.9	
lost to additional IX by ATV	1246363	2951.5	
lost to all IX	1256093	2962.4	

Potential Interfering Stations Included in above Scenario 14

33N AZ PHOENIX	BLCT	19971110KF	LIC
39N AZ PHOENIX	BLCT	20060809ABN	LIC
34A AZ PHOENIX	BLCDDT	20020819ABN	LIC
35A AZ TUCSON	DTVPLN	DTVP0963	PLN
36A AZ MESA	DTVPLN	DTVP1002	PLN

After Analysis

Results for: 35N AZ PHOENIX	BPTTA	20030227AAW	APP
	POPULATION	AREA (sq km)	
within Noise Limited Contour	2082280	4966.7	
not affected by terrain losses	1993661	4693.7	
lost to NTSC IX	10858	13.9	
lost to additional IX by ATV	1245235	2948.5	
lost to all IX	1256093	2962.4	

Potential Interfering Stations Included in above Scenario 14

33N AZ PHOENIX	BLCT	19971110KF	LIC
39N AZ PHOENIX	BLCT	20060809ABN	LIC
34A AZ PHOENIX	BLCDDT	20020819ABN	LIC

35A AZ TUCSON	DTVPLN	DTVP0963	PLN
36A AZ MESA	DTVPLN	DTVP1002	PLN
50N AZ PHOENIX	USERRECORD01		APP

Percent new IX = 0.0000%

Result key: 39
 Scenario 15 Affected station 2 KFPH-CA
 Before Analysis

Results for: 35N AZ PHOENIX BPTTA 20030227AAW APP

	POPULATION	AREA (sq km)
within Noise Limited Contour	2082280	4966.7
not affected by terrain losses	1993661	4693.7
lost to NTSC IX	9730	10.9
lost to additional IX by ATV	1253562	2987.2
lost to all IX	1263292	2998.1

Potential Interfering Stations Included in above Scenario 15

33N AZ PHOENIX	BLCT	19971110KF	LIC
39N AZ PHOENIX	BLCT	20060809ABN	LIC
34A AZ PHOENIX	DTVPLN	DTVP0925	PLN
35A AZ TUCSON	BLCDT	20050802AAW	LIC
36A AZ MESA	DTVPLN	DTVP1002	PLN

After Analysis

Results for: 35N AZ PHOENIX BPTTA 20030227AAW APP

	POPULATION	AREA (sq km)
within Noise Limited Contour	2082280	4966.7
not affected by terrain losses	1993661	4693.7
lost to NTSC IX	10858	13.9
lost to additional IX by ATV	1252434	2984.2
lost to all IX	1263292	2998.1

Potential Interfering Stations Included in above Scenario 15

33N AZ PHOENIX	BLCT	19971110KF	LIC
39N AZ PHOENIX	BLCT	20060809ABN	LIC
34A AZ PHOENIX	DTVPLN	DTVP0925	PLN
35A AZ TUCSON	BLCDT	20050802AAW	LIC
36A AZ MESA	DTVPLN	DTVP1002	PLN
50N AZ PHOENIX	USERRECORD01		APP

Percent new IX = 0.0000%

Result key: 40
 Scenario 16 Affected station 2 KFPH-CA
 Before Analysis

Results for: 35N AZ PHOENIX BPTTA 20030227AAW APP

	POPULATION	AREA (sq km)
within Noise Limited Contour	2082280	4966.7
not affected by terrain losses	1993661	4693.7
lost to NTSC IX	9730	10.9
lost to additional IX by ATV	1246363	2951.5
lost to all IX	1256093	2962.4

Potential Interfering Stations Included in above Scenario 16

33N AZ PHOENIX	BLCT	19971110KF	LIC
39N AZ PHOENIX	BLCT	20060809ABN	LIC
34A AZ PHOENIX	DTVPLN	DTVP0925	PLN
35A AZ TUCSON	DTVPLN	DTVP0963	PLN
36A AZ MESA	DTVPLN	DTVP1002	PLN

After Analysis

Results for: 35N AZ PHOENIX	BPTTA	20030227AAW	APP
	POPULATION	AREA (sq km)	
within Noise Limited Contour	2082280	4966.7	
not affected by terrain losses	1993661	4693.7	
lost to NTSC IX	10858	13.9	
lost to additional IX by ATV	1245235	2948.5	
lost to all IX	1256093	2962.4	

Potential Interfering Stations Included in above Scenario 16

33N AZ PHOENIX	BLCT	19971110KF	LIC
39N AZ PHOENIX	BLCT	20060809ABN	LIC
34A AZ PHOENIX	DTVPLN	DTVP0925	PLN
35A AZ TUCSON	DTVPLN	DTVP0963	PLN
36A AZ MESA	DTVPLN	DTVP1002	PLN
50N AZ PHOENIX	USERRECORD01		APP

Percent new IX = 0.0000%

Worst case new IX 0.0000% Scenario 1

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Analysis of Interference to Affected Station 3

DTV Baseline Analysis

Channel	Call	City/State	Application Ref. No.
49	KASW-DT	PHOENIX AZ	DTVPLN -DTVP1410

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
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Results for: 49A AZ PHOENIX DTVPLN DTVP1410 PLN

HAAT 541.0 m, ATV ERP 61.4 kW		
	POPULATION	AREA (sq km)
within Noise Limited Contour	2210745	22656.2
not affected by terrain losses	2206943	18391.2
lost to NTSC IX	0	0.0
lost to additional IX by ATV	0	0.0
lost to ATV IX only	0	0.0
lost to all IX	0	0.0

NTSC Baseline Analysis

Channel	Call	City/State	Application Ref. No.
61	KASW	PHOENIX AZ	DTVPLN -NPLN1920

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
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Results for: 61N AZ PHOENIX DTVPLN NPLN1920 PLN

	POPULATION	AREA (sq km)
within Noise Limited Contour	2210745	22653.2
not affected by terrain losses	2186601	17586.5
lost to NTSC IX	0	0.0
lost to additional IX by ATV	0	0.0
lost to all IX	0	0.0

Analysis of current record

Channel	Call	City/State	Application Ref. No.
49	KASW	PHOENIX AZ	BLCDT -20060630ABU

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
50	K30ES	PHOENIX AZ	0.4	APP	USERRECORD-01

Proposal causes no interference

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Analysis of Interference to Affected Station 4

Analysis of current record

Channel	Call	City/State	Application Ref. No.
50	KDOS-LP	GLOBE AZ	BLTTL -20070208AAB

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
42	KHRR-DT	TUCSON AZ	118.7	PLN	DTVPLN -DTVP1182
43	960710LC	COOLIDGE AZ	85.0	APP	BPET -19960710LC
47	KXGR-DT	GREEN VALLEY AZ	97.7	PLN	DTVPLN -DTVP1351
49	KASW-DT	PHOENIX AZ	114.6	PLN	DTVPLN -DTVP1410
49	KASW	PHOENIX AZ	114.6	LIC	BLCDT -20060630ABU
49	KASW	PHOENIX AZ	114.7	APP	BPCDT -20080617AEG
49	NEW	TUCSON AZ	118.7	APP	BSFDTL -20060630AKH
49	NEW	TUCSON AZ	97.7	APP	BSFDTL -20060630BKF
50	K50HU	FLAGSTAFF AZ	228.1	CP	BDFCDTL -20060320ADP
50	K50FV	TUCSON AZ	97.7	LIC	BLTT -20030414ABH
50	KAJB-DT	CALIPATRIA CA	372.9	PLN	DTVPLN -DTVP1439
51	KPPX	TOLLESON AZ	114.5	APP	BSTA -20080314ABB
51	KPPX	TOLLESON AZ	114.5	LIC	BLCT -19990226KH
52	KPPX	TOLLESON AZ	114.5	LIC	BLCDT -20021108AAZ
52	KAJW-DT	TOLLESON AZ	114.5	PLN	DTVPLN -DTVP1499
50	K30ES	PHOENIX AZ	115.0	APP	USERRECORD-01

Proposal causes no interference

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Analysis of Interference to Affected Station 5

NTSC Baseline Analysis

Channel	Call	City/State	Application Ref. No.
51	KAJW	TOLLESON AZ	DTVPLN -NPLN1789

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
43	NEW	COOLIDGE AZ	51.5	PLN	DTVPLN -NPLN1634
49	KASW-DT	PHOENIX AZ	0.2	PLN	DTVPLN -DTVP1410
52	KAJW-DT	TOLLESON AZ	0.0	PLN	DTVPLN -DTVP1499

Results for: 51N AZ TOLLESON	DTVPLN	NPLN1789	PLN
	POPULATION	AREA (sq km)	
within Noise Limited Contour	2224197	31420.0	
not affected by terrain losses	2211552	23089.9	
lost to NTSC IX	187	35.8	
lost to additional IX by ATV	0	0.0	
lost to all IX	187	35.8	

Analysis of current record

Channel	Call	City/State	Application Ref. No.
51	KPPX	TOLLESON AZ	BLCT -19990226KH

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
43	960710LC	COOLIDGE AZ	51.6	APP	BPET -19960710LC

49	KASW-DT	PHOENIX AZ	0.2	PLN	DTVPLN	-DTVP1410
49	KASW	PHOENIX AZ	0.2	LIC	BLCDDT	-20060630ABU
49	KASW	PHOENIX AZ	0.2	APP	BPCDDT	-20080617AEG
52	KPPX	TOLLESON AZ	0.0	LIC	BLCDDT	-20021108AAZ
52	KAJW-DT	TOLLESON AZ	0.0	PLN	DTVPLN	-DTVP1499
50	K30ES	PHOENIX AZ	0.5	APP	USERRECORD-01	

Total scenarios = 3

Result key: 41
 Scenario 1 Affected station 5 KPPX
 Before Analysis

Results for: 51N AZ TOLLESON	BLCT	19990226KH	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	2224167	31281.8	
not affected by terrain losses	2211332	23002.4	
lost to NTSC IX	0	0.0	
lost to additional IX by ATV	0	0.0	
lost to all IX	0	0.0	

Potential Interfering Stations Included in above Scenario 1

After Analysis

Results for: 51N AZ TOLLESON	BLCT	19990226KH	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	2224167	31281.8	
not affected by terrain losses	2211332	23002.4	
lost to NTSC IX	5636	81.5	
lost to additional IX by ATV	0	0.0	
lost to all IX	5636	81.5	

Potential Interfering Stations Included in above Scenario 1

50N AZ PHOENIX	USERRECORD01	APP
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Percent new IX = 0.2534%

Result key: 42
 Scenario 2 Affected station 5 KPPX
 Before Analysis

Results for: 51N AZ TOLLESON	BLCT	19990226KH	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	2224167	31281.8	
not affected by terrain losses	2211332	23002.4	
lost to NTSC IX	27924	626.2	
lost to additional IX by ATV	844	2.0	
lost to all IX	28768	628.2	

Potential Interfering Stations Included in above Scenario 2

43N AZ COOLIDGE	BPET	19960710LC	APP
49A AZ PHOENIX	BPCDDT	20080617AEG	APP

After Analysis

Results for: 51N AZ TOLLESON	BLCT	19990226KH	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	2224167	31281.8	
not affected by terrain losses	2211332	23002.4	
lost to NTSC IX	33560	706.7	
lost to additional IX by ATV	783	1.0	
lost to all IX	34343	707.7	

Potential Interfering Stations Included in above Scenario 2

43N AZ COOLIDGE	BPET	19960710LC	APP
49A AZ PHOENIX	BPCDT	20080617AEG	APP
50N AZ PHOENIX	USERRECORD01		APP

Percent new IX = 0.2507%

Result key: 43
Scenario 3 Affected station 5 KPPX
Before Analysis

Results for: 51N AZ TOLLESON	BLCT	19990226KH	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	2224167	31281.8	
not affected by terrain losses	2211332	23002.4	
lost to NTSC IX	0	0.0	
lost to additional IX by ATV	844	2.0	
lost to all IX	844	2.0	

Potential Interfering Stations Included in above Scenario 3

49A AZ PHOENIX	BPCDT	20080617AEG	APP
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After Analysis

Results for: 51N AZ TOLLESON	BLCT	19990226KH	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	2224167	31281.8	
not affected by terrain losses	2211332	23002.4	
lost to NTSC IX	5636	81.5	
lost to additional IX by ATV	783	1.0	
lost to all IX	6419	82.5	

Potential Interfering Stations Included in above Scenario 3

49A AZ PHOENIX	BPCDT	20080617AEG	APP
50N AZ PHOENIX	USERRECORD01		APP

Percent new IX = 0.2507%

Worst case new IX 0.2534% Scenario 1

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Analysis of Interference to Affected Station 6

Analysis of current record

Channel	Call	City/State	Application Ref. No.
50	K30ES	PHOENIX AZ	USERRECORD-01

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
43	960710LC	COOLIDGE AZ	51.8	APP	BPET -19960710LC
49	KASW-DT	PHOENIX AZ	0.4	PLN	DTVPLN -DTVP1410
49	KASW	PHOENIX AZ	0.4	LIC	BLC DT -20060630ABU
49	KASW	PHOENIX AZ	0.3	APP	BPCDT -20080617AEG
49	NEW	TUCSON AZ	149.6	APP	BSFDTL -20060630AKH
49	NEW	TUCSON AZ	162.1	APP	BSFDTL -20060630BKF
50	K50HU	FLAGSTAFF AZ	216.4	LIC	BLTTL -20030807ACR
50	K50HU	FLAGSTAFF AZ	216.4	CP	BDFCDTL -20060320ADP
50	KDOS-LP	GLOBE AZ	115.0	LIC	BLTTL -20070208AAB
50	KPVY-LP	PRESCOTT AZ	135.7	CP MOD	BMPTTL -20080214ABB
50	KAJB-DT	CALIPATRIA CA	258.7	PLN	DTVPLN -DTVP1439
51	KPPX	TOLLESON AZ	0.5	APP	BSTA -20080314ABB

51	KPPX	TOLLESON AZ	0.5	LIC	BLCT	-19990226KH
52	KPPX	TOLLESON AZ	0.5	LIC	BLCDT	-20021108AAZ
52	KAJW-DT	TOLLESON AZ	0.5	PLN	DTVPLN	-DTVP1499

Total scenarios = 2

Result key: 44
Scenario 1 Affected station 6 K30ES
Before Analysis

Results for: 50N AZ PHOENIX	USERRECORD01		APP
	POPULATION	AREA (sq km)	
within Noise Limited Contour	1421806	2676.7	
not affected by terrain losses	1407245	2563.4	
lost to NTSC IX	1363166	2304.0	
lost to additional IX by ATV	711	5.0	
lost to all IX	1363877	2309.0	

Potential Interfering Stations Included in above Scenario 1

50N AZ GLOBE	BLTTL	20070208AAB	LIC
51N AZ TOLLESON	BLCT	19990226KH	LIC
49A AZ PHOENIX	BLCDT	20060630ABU	LIC

Result key: 45
Scenario 2 Affected station 6 K30ES
Before Analysis

Results for: 50N AZ PHOENIX	USERRECORD01		APP
	POPULATION	AREA (sq km)	
within Noise Limited Contour	1421806	2676.7	
not affected by terrain losses	1407245	2563.4	
lost to NTSC IX	1363166	2304.0	
lost to additional IX by ATV	711	15.9	
lost to all IX	1363877	2319.9	

Potential Interfering Stations Included in above Scenario 2

50N AZ GLOBE	BLTTL	20070208AAB	LIC
51N AZ TOLLESON	BLCT	19990226KH	LIC
49A AZ PHOENIX	BPCDT	20080617AEG	APP

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