



KVCW - LAS VEGAS, NEVADA

AUGUST 2021

APPENDIX B

Longley-Rice Interference Analysis

tvstudy v2.2.5 (4uoc83)
 Database: localhost, Study: KVCW 29 2 Site DTS, Model: Longley-Rice
 Start: 2021.08.24 11:08:26

Study created: 2021.08.24 11:08:26

Study build station data: LMS TV 2021-08-23

Proposal: KVCW D29 DD LIC LAS VEGAS, NV
 File number: BLANK0000112811
 Facility ID: 10195
 Station data: User record
 Record ID: 544
 Country: U.S.
 Zone: II
 Ref. lat.: 36 00 27.30 N
 Ref. long.: 115 00 26.90 W
 # DTS sites: 2

Build options:
 Protect pre-transition records not on baseline channel

Search options:
 Non-U.S. records included
 Baseline record excluded if station has CP

Stations potentially affected by proposal:

IX	Call	Chan	Svc	Status	City, State	File Number	Distance
No	KESQ-TV	D28	DT	LIC	PALM SPRINGS, CA	BLANK0000078362	271.2 km
No	KTAZ	D29	DT	LIC	PHOENIX, AZ	BLANK0000064009	401.0
No	KBFX-CD	D29	DC	LIC	BAKERSFIELD, CA	BLTA20101018ACF	329.2
No	KFTR-DT	D29	DT	LIC	ONTARIO, CA	BLCDT20100401AFY	341.4
Yes	KFTR-DT	D29	DT	CP	ONTARIO, CA	BLANK0000035667	341.4
No	XHTIT	D29	DT	LIC	TIJUANA, BN	BLANKBPFS20091109AAC	432.0

No non-directional AM stations found within 0.8 km

No directional AM stations found within 3.2 km

Record parameters as studied, DTS site # 1:

Channel: D29
 Latitude: 36 0 27.30 N (NAD83)
 Longitude: 115 0 26.90 W
 Height AMSL: 1078.9 m
 HAAT: 382.9 m
 Peak ERP: 1000 kW
 Antenna: DIE-TUA-C4-12/48-1-R-T (ID 73223) 0.0 deg
 Elev Pattn: Generic
 Elec Tilt: 0.80

40.2 dBu contour:

Azimuth	ERP	HAAT	Distance
0.0 deg	874 kW	548.3 m	118.0 km
45.0	611	515.9	112.6
90.0	712	305.5	96.0

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135.0	256	382.4	94.4
180.0	180	298.6	83.2
225.0	462	167.9	77.1
270.0	731	386.9	103.6
315.0	610	488.5	110.6

Database HAAT does not agree with computed HAAT
Database HAAT: 383 m Computed HAAT: 387 m

ERP exceeds maximum
ERP: 1000 kW ERP maximum: 927 kW

Record parameters as studied, DTS site # 2:

Channel: D29
Latitude: 36 7 44.80 N (NAD83)
Longitude: 115 11 28.40 W
Height AMSL: 736.0 m
HAAT: 43.0 m
Peak ERP: 11.2 kW
Antenna: TFU-4WB-LP/VR-R C160 @ 90 degs 0.0 deg
Elev Pattn: Generic
Elec Tilt: 5.50

40.2 dBu contour:

Azimuth	ERP	HAAT	Distance
0.0 deg	8.81 kW	72.1 m	48.2 km
45.0	10.6	154.3	57.3
90.0	6.66	178.0	56.7
135.0	10.6	114.7	54.5
180.0	8.75	37.5	40.0
225.0	2.27	-48.1	31.9
270.0	4.52	-105.3	34.9
315.0	2.30	-20.5	32.0

Database HAAT does not agree with computed HAAT
Database HAAT: 43 m Computed HAAT: 48 m

DTS proposal coverage is within reference facility and distance limit

Distance to Canadian border: 1430.6 km

Distance to Mexican border: 366.5 km

Conditions at FCC monitoring station: Livermore CA
DTS site # 1 Bearing: 289.7 degrees Distance: 629.4 km
DTS site # 2 Bearing: 288.9 degrees Distance: 609.4 km

Proposal is not within the West Virginia quiet zone area

Conditions at Table Mountain receiving zone:
DTS site # 1 Bearing: 58.9 degrees Distance: 967.4 km
DTS site # 2 Bearing: 60.0 degrees Distance: 974.7 km

Study cell size: 2.00 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 BLANK0000035667 CP scenario 1

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	KFTR-DT	D29	DT	CP	ONTARIO, CA	BLANK0000035667	

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Undesireds:	KVCW	D29	DT	BL	LAS VEGAS, NV	DTVBL10195	341.4 km
	KVCW	D29	DD	LIC	LAS VEGAS, NV	BLANK0000112811	341.4
	KCET	D28	DT	CP	LOS ANGELES, CA	BLANK0000109203	0.5
	KESQ-TV	D28	DT	LIC	PALM SPRINGS, CA	BLANK0000078362	155.6
	KVMM-CD	D28	DC	LIC	SANTA BARBARA, CA	BLANK0000054369	150.2
	KBFX-CD	D29	DC	LIC	BAKERSFIELD, CA	BLTTA20101018ACF	144.4
	KQMM-CD	D29	DC	CP	SANTA MARIA, CA	BLANK0000127506	208.3
	KXLA	D30	DT	CP	RANCHO PALOS VERDES, CA	BLANK0000145233	0.0
	XHJK	D28	DT	LIC	TIJUANA, BN	BLANKBPFS20091104ADT	214.1
	XHTIT	D29	DT	LIC	TIJUANA, BN	BLANKBPFS20091109AAC	214.1
	LICITACIOND30	DT	LIC	TIJUANA, BN	BLANKBPFSXXXX0004XXX	214.2	

Service area	Terrain-limited	IX-free, before	IX-free, after	Percent New IX
46415.3 17,717,825	36563.5 16,609,674	35289.4 16,237,890	35289.4 16,237,890	0.00 0.00

Undesired	Total IX	Unique IX, before	Unique IX, after
KVCW D29 DT BL	4.0	0	0
KVCW D29 DD LIC	4.0	0	0
KCET D28 DT CP	84.1	42,446	84.1 42,446
KESQ-TV D28 DT LIC	4.0	5	4.0 5
KVMM-CD D28 DC LIC	332.3	3,206	324.3 3,206
KBFX-CD D29 DC LIC	258.6	100,690	234.7 93,693
KQMM-CD D29 DC CP	16.0	0	7.9 0
KXLA D30 DT CP	56.0	18,497	56.0 18,497
XHJK D28 DT LIC	4.0	797	0.0 0
XHTIT D29 DT LIC	555.1	213,937	527.1 206,143
LICITACION D30 DT LIC	4.0	797	0.0 0

Interference to BLANK0000035667 CP scenario 2

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	KFTR-DT	D29	DT	CP	ONTARIO, CA	BLANK0000035667	
Undesireds:	KVCW	D29	DT	BL	LAS VEGAS, NV	DTVBL10195	341.4 km
	KVCW	D29	DD	LIC	LAS VEGAS, NV	BLANK0000112811	341.4
	KCET	D28	DT	CP	LOS ANGELES, CA	BLANK0000109203	0.5
	KESQ-TV	D28	DT	LIC	PALM SPRINGS, CA	BLANK0000078362	155.6
	KVMM-CD	D28	DC	LIC	SANTA BARBARA, CA	BLANK0000054369	150.2
	KBFX-CD	D29	DC	LIC	BAKERSFIELD, CA	BLTTA20101018ACF	144.4
	KQMM-CD	D29	DC	CP	SANTA MARIA, CA	BLANK0000127506	208.3
	KXLA	D30	DT	LIC	RANCHO PALOS VERDES, CA	BLANK0000081656	0.0
	XHJK	D28	DT	LIC	TIJUANA, BN	BLANKBPFS20091104ADT	214.1
	XHTIT	D29	DT	LIC	TIJUANA, BN	BLANKBPFS20091109AAC	214.1
	LICITACIOND30	DT	LIC	TIJUANA, BN	BLANKBPFSXXXX0004XXX	214.2	

Service area	Terrain-limited	IX-free, before	IX-free, after	Percent New IX
46415.3 17,717,825	36563.5 16,609,674	35301.4 16,239,747	35301.4 16,239,747	0.00 0.00

Undesired	Total IX	Unique IX, before	Unique IX, after
KVCW D29 DT BL	4.0	0	0
KVCW D29 DD LIC	4.0	0	0
KCET D28 DT CP	84.1	42,446	84.1 42,446
KESQ-TV D28 DT LIC	4.0	5	4.0 5
KVMM-CD D28 DC LIC	332.3	3,206	324.3 3,206
KBFX-CD D29 DC LIC	258.6	100,690	234.7 93,693
KQMM-CD D29 DC CP	16.0	0	7.9 0
KXLA D30 DT LIC	44.0	16,640	44.0 16,640
XHJK D28 DT LIC	4.0	797	0.0 0
XHTIT D29 DT LIC	555.1	213,937	527.1 206,143
LICITACION D30 DT LIC	4.0	797	0.0 0

Interference to BLANK0000035667 CP scenario 3

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	KFTR-DT	D29	DT	CP	ONTARIO, CA	BLANK0000035667	

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Undesireds:	KVCW	D29	DT	BL	LAS VEGAS, NV	DTVBL10195	341.4 km
	KVCW	D29	DD	LIC	LAS VEGAS, NV	BLANK0000112811	341.4
	KCET	D28	DT	CP	LOS ANGELES, CA	BLANK0000109203	0.5
	KESQ-TV	D28	DT	LIC	PALM SPRINGS, CA	BLANK0000078362	155.6
	KVMM-CD	D28	DC	LIC	SANTA BARBARA, CA	BLANK0000054369	150.2
	KBFX-CD	D29	DC	LIC	BAKERSFIELD, CA	BLTTA20101018ACF	144.4
	KXLA	D30	DT	CP	RANCHO PALOS VERDES, CA	BLANK0000145233	0.0
	XHJK	D28	DT	LIC	TIJUANA, BN	BLANKBPFS20091104ADT	214.1
	XHTIT	D29	DT	LIC	TIJUANA, BN	BLANKBPFS20091109AAC	214.1
	LICITACIOND30	DT	LIC	TIJUANA, BN	BLANKBPFSXXXX0004XXX	214.2	

Service area	Terrain-limited	IX-free, before	IX-free, after	Percent New IX
46415.3 17,717,825	36563.5 16,609,674	35297.3 16,237,890	35297.3 16,237,890	0.00 0.00

Undesired		Total IX	Unique IX, before	Unique IX, after
KVCW D29 DT BL	4.0	0	0.0	0
KVCW D29 DD LIC	4.0	0		0.0 0
KCET D28 DT CP	84.1	42,446	84.1 42,446	84.1 42,446
KESQ-TV D28 DT LIC	4.0	5	4.0 5	4.0 5
KVMM-CD D28 DC LIC	332.3	3,206	332.3 3,206	332.3 3,206
KBFX-CD D29 DC LIC	258.6	100,690	234.7 93,693	234.7 93,693
KXLA D30 DT CP	56.0	18,497	56.0 18,497	56.0 18,497
XHJK D28 DT LIC	4.0	797	0.0 0	0.0 0
XHTIT D29 DT LIC	555.1	213,937	527.1 206,143	527.1 206,143
LICITACION D30 DT LIC	4.0	797	0.0 0	0.0 0

Interference to BLANK0000035667 CP scenario 4

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	KFTR-DT	D29	DT	CP	ONTARIO, CA	BLANK0000035667	
Undesireds:	KVCW	D29	DT	BL	LAS VEGAS, NV	DTVBL10195	341.4 km
	KVCW	D29	DD	LIC	LAS VEGAS, NV	BLANK0000112811	341.4
	KCET	D28	DT	CP	LOS ANGELES, CA	BLANK0000109203	0.5
	KESQ-TV	D28	DT	LIC	PALM SPRINGS, CA	BLANK0000078362	155.6
	KVMM-CD	D28	DC	LIC	SANTA BARBARA, CA	BLANK0000054369	150.2
	KBFX-CD	D29	DC	LIC	BAKERSFIELD, CA	BLTTA20101018ACF	144.4
	KXLA	D30	DT	LIC	RANCHO PALOS VERDES, CA	BLANK0000081656	0.0
	XHJK	D28	DT	LIC	TIJUANA, BN	BLANKBPFS20091104ADT	214.1
	XHTIT	D29	DT	LIC	TIJUANA, BN	BLANKBPFS20091109AAC	214.1
	LICITACIOND30	DT	LIC	TIJUANA, BN	BLANKBPFSXXXX0004XXX	214.2	

Service area	Terrain-limited	IX-free, before	IX-free, after	Percent New IX
46415.3 17,717,825	36563.5 16,609,674	35309.4 16,239,747	35309.4 16,239,747	0.00 0.00

Undesired		Total IX	Unique IX, before	Unique IX, after
KVCW D29 DT BL	4.0	0	0.0	0
KVCW D29 DD LIC	4.0	0		0.0 0
KCET D28 DT CP	84.1	42,446	84.1 42,446	84.1 42,446
KESQ-TV D28 DT LIC	4.0	5	4.0 5	4.0 5
KVMM-CD D28 DC LIC	332.3	3,206	332.3 3,206	332.3 3,206
KBFX-CD D29 DC LIC	258.6	100,690	234.7 93,693	234.7 93,693
KXLA D30 DT LIC	44.0	16,640	44.0 16,640	44.0 16,640
XHJK D28 DT LIC	4.0	797	0.0 0	0.0 0
XHTIT D29 DT LIC	555.1	213,937	527.1 206,143	527.1 206,143
LICITACION D30 DT LIC	4.0	797	0.0 0	0.0 0

Interference to BLANK0000035667 CP scenario 5

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	KFTR-DT	D29	DT	CP	ONTARIO, CA	BLANK0000035667	
Undesireds:	KVCW	D29	DT	BL	LAS VEGAS, NV	DTVBL10195	341.4 km
	KVCW	D29	DD	LIC	LAS VEGAS, NV	BLANK0000112811	341.4

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KCET	D28	DT	LIC	LOS ANGELES, CA	BLANK0000055363	0.5
KESQ-TV	D28	DT	LIC	PALM SPRINGS, CA	BLANK0000078362	155.6
KVMM-CD	D28	DC	LIC	SANTA BARBARA, CA	BLANK0000054369	150.2
KBFX-CD	D29	DC	LIC	BAKERSFIELD, CA	BLTTA20101018ACF	144.4
KQMM-CD	D29	DC	CP	SANTA MARIA, CA	BLANK0000127506	208.3
KXLA	D30	DT	CP	RANCHO PALOS VERDES, CA	BLANK0000145233	0.0
XHJK	D28	DT	LIC	TIJUANA, BN	BLANKBPFS20091104ADT	214.1
XHTIT	D29	DT	LIC	TIJUANA, BN	BLANKBPFS20091109AAC	214.1
LICITACIOND30	DT	LIC	TIJUANA, BN	BLANKBPFSXXXX0004XXX	214.2	

Service area	Terrain-limited	IX-free, before	IX-free, after	Percent New IX
46415.3 17,717,825	36563.5 16,609,674	35285.6 16,274,717	35285.6 16,274,717	0.00 0.00

Undesired	Total IX	Unique IX, before	Unique IX, after
KVCW D29 DT BL	4.0 0	0.0 0	
KVCW D29 DD LIC	4.0 0		0.0 0
KCET D28 DT LIC	87.8 5,619	87.8 5,619	87.8 5,619
KESQ-TV D28 DT LIC	4.0 5	4.0 5	4.0 5
KVMM-CD D28 DC LIC	332.3 3,206	324.3 3,206	324.3 3,206
KBFX-CD D29 DC LIC	258.6 100,690	234.7 93,693	234.7 93,693
KQMM-CD D29 DC CP	16.0 0	7.9 0	7.9 0
KXLA D30 DT CP	56.0 18,497	56.0 18,497	56.0 18,497
XHJK D28 DT LIC	4.0 797	0.0 0	0.0 0
XHTIT D29 DT LIC	555.1 213,937	527.1 206,143	527.1 206,143
LICITACION D30 DT LIC	4.0 797	0.0 0	0.0 0

Interference to BLANK0000035667 CP scenario 6

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	KFTR-DT	D29	DT	CP	ONTARIO, CA	BLANK0000035667	
Undesireds:	KVCW	D29	DT	BL	LAS VEGAS, NV	DTVBL10195	341.4 km
	KVCW	D29	DD	LIC	LAS VEGAS, NV	BLANK0000112811	341.4
	KCET	D28	DT	LIC	LOS ANGELES, CA	BLANK0000055363	0.5
	KESQ-TV	D28	DT	LIC	PALM SPRINGS, CA	BLANK0000078362	155.6
	KVMM-CD	D28	DC	LIC	SANTA BARBARA, CA	BLANK0000054369	150.2
	KBFX-CD	D29	DC	LIC	BAKERSFIELD, CA	BLTTA20101018ACF	144.4
	KQMM-CD	D29	DC	CP	SANTA MARIA, CA	BLANK0000127506	208.3
	KXLA	D30	DT	LIC	RANCHO PALOS VERDES, CA	BLANK0000081656	0.0
	XHJK	D28	DT	LIC	TIJUANA, BN	BLANKBPFS20091104ADT	214.1
	XHTIT	D29	DT	LIC	TIJUANA, BN	BLANKBPFS20091109AAC	214.1
	LICITACIOND30	DT	LIC	TIJUANA, BN	BLANKBPFSXXXX0004XXX	214.2	

Service area	Terrain-limited	IX-free, before	IX-free, after	Percent New IX
46415.3 17,717,825	36563.5 16,609,674	35297.7 16,276,574	35297.7 16,276,574	0.00 0.00

Undesired	Total IX	Unique IX, before	Unique IX, after
KVCW D29 DT BL	4.0 0	0.0 0	
KVCW D29 DD LIC	4.0 0		0.0 0
KCET D28 DT LIC	87.8 5,619	87.8 5,619	87.8 5,619
KESQ-TV D28 DT LIC	4.0 5	4.0 5	4.0 5
KVMM-CD D28 DC LIC	332.3 3,206	324.3 3,206	324.3 3,206
KBFX-CD D29 DC LIC	258.6 100,690	234.7 93,693	234.7 93,693
KQMM-CD D29 DC CP	16.0 0	7.9 0	7.9 0
KXLA D30 DT LIC	44.0 16,640	44.0 16,640	44.0 16,640
XHJK D28 DT LIC	4.0 797	0.0 0	0.0 0
XHTIT D29 DT LIC	555.1 213,937	527.1 206,143	527.1 206,143
LICITACION D30 DT LIC	4.0 797	0.0 0	0.0 0

Interference to BLANK0000035667 CP scenario 7

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	KFTR-DT	D29	DT	CP	ONTARIO, CA	BLANK0000035667	
Undesireds:	KVCW	D29	DT	BL	LAS VEGAS, NV	DTVBL10195	341.4 km

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KVCW	D29	DD	LIC	LAS VEGAS, NV	BLANK0000112811	341.4
KCET	D28	DT	LIC	LOS ANGELES, CA	BLANK0000055363	0.5
KESQ-TV	D28	DT	LIC	PALM SPRINGS, CA	BLANK0000078362	155.6
KVMM-CD	D28	DC	LIC	SANTA BARBARA, CA	BLANK0000054369	150.2
KBFX-CD	D29	DC	LIC	BAKERSFIELD, CA	BLTTA20101018ACF	144.4
KXLA	D30	DT	CP	RANCHO PALOS VERDES, CA	BLANK0000145233	0.0
XHJK	D28	DT	LIC	TIJUANA, BN	BLANKBPFS20091104ADT	214.1
XHTIT	D29	DT	LIC	TIJUANA, BN	BLANKBPFS20091109AAC	214.1
LICITACIOND30	DT	LIC	TIJUANA, BN	BLANKBPFSXXXX0004XXX	214.2	

Service area	Terrain-limited	IX-free, before	IX-free, after	Percent New IX
46415.3 17,717,825	36563.5 16,609,674	35293.6 16,274,717	35293.6 16,274,717	0.00 0.00

Undesired	Total IX	Unique IX, before	Unique IX, after
KVCW D29 DT BL	4.0 0	0.0 0	
KVCW D29 DD LIC	4.0 0		0.0 0
KCET D28 DT LIC	87.8 5,619	87.8 5,619	87.8 5,619
KESQ-TV D28 DT LIC	4.0 5	4.0 5	4.0 5
KVMM-CD D28 DC LIC	332.3 3,206	332.3 3,206	332.3 3,206
KBFX-CD D29 DC LIC	258.6 100,690	234.7 93,693	234.7 93,693
KXLA D30 DT CP	56.0 18,497	56.0 18,497	56.0 18,497
XHJK D28 DT LIC	4.0 797	0.0 0	0.0 0
XHTIT D29 DT LIC	555.1 213,937	527.1 206,143	527.1 206,143
LICITACION D30 DT LIC	4.0 797	0.0 0	0.0 0

Interference to BLANK0000035667 CP scenario 8

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	KFTR-DT	D29	DT	CP	ONTARIO, CA	BLANK0000035667	
Undesireds:	KVCW	D29	DT	BL	LAS VEGAS, NV	DTVBL10195	341.4 km
	KVCW	D29	DD	LIC	LAS VEGAS, NV	BLANK0000112811	341.4
	KCET	D28	DT	LIC	LOS ANGELES, CA	BLANK0000055363	0.5
	KESQ-TV	D28	DT	LIC	PALM SPRINGS, CA	BLANK0000078362	155.6
	KVMM-CD	D28	DC	LIC	SANTA BARBARA, CA	BLANK0000054369	150.2
	KBFX-CD	D29	DC	LIC	BAKERSFIELD, CA	BLTTA20101018ACF	144.4
	KXLA	D30	DT	LIC	RANCHO PALOS VERDES, CA	BLANK0000081656	0.0
	XHJK	D28	DT	LIC	TIJUANA, BN	BLANKBPFS20091104ADT	214.1
	XHTIT	D29	DT	LIC	TIJUANA, BN	BLANKBPFS20091109AAC	214.1
	LICITACIOND30	DT	LIC	TIJUANA, BN	BLANKBPFSXXXX0004XXX	214.2	

Service area	Terrain-limited	IX-free, before	IX-free, after	Percent New IX
46415.3 17,717,825	36563.5 16,609,674	35305.6 16,276,574	35305.6 16,276,574	0.00 0.00

Undesired	Total IX	Unique IX, before	Unique IX, after
KVCW D29 DT BL	4.0 0	0.0 0	
KVCW D29 DD LIC	4.0 0		0.0 0
KCET D28 DT LIC	87.8 5,619	87.8 5,619	87.8 5,619
KESQ-TV D28 DT LIC	4.0 5	4.0 5	4.0 5
KVMM-CD D28 DC LIC	332.3 3,206	332.3 3,206	332.3 3,206
KBFX-CD D29 DC LIC	258.6 100,690	234.7 93,693	234.7 93,693
KXLA D30 DT LIC	44.0 16,640	44.0 16,640	44.0 16,640
XHJK D28 DT LIC	4.0 797	0.0 0	0.0 0
XHTIT D29 DT LIC	555.1 213,937	527.1 206,143	527.1 206,143
LICITACION D30 DT LIC	4.0 797	0.0 0	0.0 0

Interference to BLANK0000035667 CP scenario 9

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	KFTR-DT	D29	DT	CP	ONTARIO, CA	BLANK0000035667	
Undesireds:	KVCW	D29	DT	BL	LAS VEGAS, NV	DTVBL10195	341.4 km
	KVCW	D29	DD	LIC	LAS VEGAS, NV	BLANK0000112811	341.4
	KCET	D28	DT	CP	LOS ANGELES, CA	BLANK0000109203	0.5
	KESQ-TV	D28	DT	LIC	PALM SPRINGS, CA	BLANK0000078362	155.6

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Channel 29 - DTS - 1000 kW, 11.22 kW - Page 7

KVMM-CD	D28	DC	CP	SANTA BARBARA, CA	BLANK0000127520	150.2
KBFX-CD	D29	DC	LIC	BAKERSFIELD, CA	BLTTA20101018ACF	144.4
KQMM-CD	D29	DC	CP	SANTA MARIA, CA	BLANK0000127506	208.3
KXLA	D30	DT	CP	RANCHO PALOS VERDES, CA	BLANK0000145233	0.0
XHJK	D28	DT	LIC	TIJUANA, BN	BLANKBPFS20091104ADT	214.1
XHTIT	D29	DT	LIC	TIJUANA, BN	BLANKBPFS20091109AAC	214.1
LICITACIOND30	DT	LIC	TIJUANA, BN	BLANKBPFSXXXX0004XXX	214.2	

Service area	Terrain-limited	IX-free, before	IX-free, after	Percent New IX
46415.3 17,717,825	36563.5 16,609,674	35549.7 16,241,046	35549.7 16,241,046	0.00 0.00

Undesired	Total IX	Unique IX, before	Unique IX, after
KVCW D29 DT BL	4.0 0	0.0 0	
KVCW D29 DD LIC	4.0 0		0.0 0
KCET D28 DT CP	84.1 42,446	84.1 42,446	84.1 42,446
KESQ-TV D28 DT LIC	4.0 5	4.0 5	4.0 5
KVMM-CD D28 DC CP	68.0 50	64.0 50	64.0 50
KBFX-CD D29 DC LIC	258.6 100,690	234.7 93,693	234.7 93,693
KQMM-CD D29 DC CP	16.0 0	12.0 0	12.0 0
KXLA D30 DT CP	56.0 18,497	56.0 18,497	56.0 18,497
XHJK D28 DT LIC	4.0 797	0.0 0	0.0 0
XHTIT D29 DT LIC	555.1 213,937	527.1 206,143	527.1 206,143
LICITACION D30 DT LIC	4.0 797	0.0 0	0.0 0

Interference to BLANK0000035667 CP scenario 10

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	KFTR-DT	D29	DT	CP	ONTARIO, CA	BLANK0000035667	
Undesireds:	KVCW	D29	DT	BL	LAS VEGAS, NV	DTVBL10195	341.4 km
	KVCW	D29	DD	LIC	LAS VEGAS, NV	BLANK0000112811	341.4
	KCET	D28	DT	CP	LOS ANGELES, CA	BLANK0000109203	0.5
	KESQ-TV	D28	DT	LIC	PALM SPRINGS, CA	BLANK0000078362	155.6
	KVMM-CD	D28	DC	CP	SANTA BARBARA, CA	BLANK0000127520	150.2
	KBFX-CD	D29	DC	LIC	BAKERSFIELD, CA	BLTTA20101018ACF	144.4
	KQMM-CD	D29	DC	CP	SANTA MARIA, CA	BLANK0000127506	208.3
	KXLA	D30	DT	LIC	RANCHO PALOS VERDES, CA	BLANK0000081656	0.0
	XHJK	D28	DT	LIC	TIJUANA, BN	BLANKBPFS20091104ADT	214.1
	XHTIT	D29	DT	LIC	TIJUANA, BN	BLANKBPFS20091109AAC	214.1
	LICITACIOND30	DT	LIC	TIJUANA, BN	BLANKBPFSXXXX0004XXX	214.2	

Service area	Terrain-limited	IX-free, before	IX-free, after	Percent New IX
46415.3 17,717,825	36563.5 16,609,674	35561.7 16,242,903	35561.7 16,242,903	0.00 0.00

Undesired	Total IX	Unique IX, before	Unique IX, after
KVCW D29 DT BL	4.0 0	0.0 0	
KVCW D29 DD LIC	4.0 0		0.0 0
KCET D28 DT CP	84.1 42,446	84.1 42,446	84.1 42,446
KESQ-TV D28 DT LIC	4.0 5	4.0 5	4.0 5
KVMM-CD D28 DC CP	68.0 50	64.0 50	64.0 50
KBFX-CD D29 DC LIC	258.6 100,690	234.7 93,693	234.7 93,693
KQMM-CD D29 DC CP	16.0 0	12.0 0	12.0 0
KXLA D30 DT LIC	44.0 16,640	44.0 16,640	44.0 16,640
XHJK D28 DT LIC	4.0 797	0.0 0	0.0 0
XHTIT D29 DT LIC	555.1 213,937	527.1 206,143	527.1 206,143
LICITACION D30 DT LIC	4.0 797	0.0 0	0.0 0

Interference to BLANK0000035667 CP scenario 11

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	KFTR-DT	D29	DT	CP	ONTARIO, CA	BLANK0000035667	
Undesireds:	KVCW	D29	DT	BL	LAS VEGAS, NV	DTVBL10195	341.4 km
	KVCW	D29	DD	LIC	LAS VEGAS, NV	BLANK0000112811	341.4
	KCET	D28	DT	CP	LOS ANGELES, CA	BLANK0000109203	0.5

Appendix B - Interference Analysis
KVCW - Las Vegas, Nevada
Channel 29 - DTS - 1000 kW, 11.22 kW - Page 8

KESQ-TV	D28	DT	LIC	PALM SPRINGS, CA	BLANK0000078362	155.6
KVMM-CD	D28	DC	CP	SANTA BARBARA, CA	BLANK0000127520	150.2
KBFX-CD	D29	DC	LIC	BAKERSFIELD, CA	BLTTA20101018ACF	144.4
KXLA	D30	DT	CP	RANCHO PALOS VERDES, CA	BLANK0000145233	0.0
XHJK	D28	DT	LIC	TIJUANA, BN	BLANKBPFS20091104ADT	214.1
XHTIT	D29	DT	LIC	TIJUANA, BN	BLANKBPFS20091109AAC	214.1
LICITACIOND30	DT	LIC	TIJUANA, BN	BLANKBPFSXXX0004XXX	214.2	

Service area	Terrain-limited	IX-free, before	IX-free, after	Percent New IX
46415.3 17,717,825	36563.5 16,609,674	35561.6 16,241,046	35561.6 16,241,046	0.00 0.00

Undesired	Total IX	Unique IX, before	Unique IX, after
KVCW D29 DT BL	4.0 0	0.0 0	
KVCW D29 DD LIC	4.0 0		0.0 0
KCET D28 DT CP	84.1 42,446	84.1 42,446	84.1 42,446
KESQ-TV D28 DT LIC	4.0 5	4.0 5	4.0 5
KVMM-CD D28 DC CP	68.0 50	68.0 50	68.0 50
KBFX-CD D29 DC LIC	258.6 100,690	234.7 93,693	234.7 93,693
KXLA D30 DT CP	56.0 18,497	56.0 18,497	56.0 18,497
XHJK D28 DT LIC	4.0 797	0.0 0	0.0 0
XHTIT D29 DT LIC	555.1 213,937	527.1 206,143	527.1 206,143
LICITACION D30 DT LIC	4.0 797	0.0 0	0.0 0

Interference to BLANK0000035667 CP scenario 12

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	KFTR-DT	D29	DT	CP	ONTARIO, CA	BLANK0000035667	
Undesireds:	KVCW	D29	DT	BL	LAS VEGAS, NV	DTVBL10195	341.4 km
	KVCW	D29	DD	LIC	LAS VEGAS, NV	BLANK0000112811	341.4
	KCET	D28	DT	CP	LOS ANGELES, CA	BLANK0000109203	0.5
	KESQ-TV	D28	DT	LIC	PALM SPRINGS, CA	BLANK0000078362	155.6
	KVMM-CD	D28	DC	CP	SANTA BARBARA, CA	BLANK0000127520	150.2
	KBFX-CD	D29	DC	LIC	BAKERSFIELD, CA	BLTTA20101018ACF	144.4
	KXLA	D30	DT	LIC	RANCHO PALOS VERDES, CA	BLANK0000081656	0.0
	XHJK	D28	DT	LIC	TIJUANA, BN	BLANKBPFS20091104ADT	214.1
	XHTIT	D29	DT	LIC	TIJUANA, BN	BLANKBPFS20091109AAC	214.1
	LICITACIOND30	DT	LIC	TIJUANA, BN	BLANKBPFSXXX0004XXX	214.2	

Service area	Terrain-limited	IX-free, before	IX-free, after	Percent New IX
46415.3 17,717,825	36563.5 16,609,674	35573.6 16,242,903	35573.6 16,242,903	0.00 0.00

Undesired	Total IX	Unique IX, before	Unique IX, after
KVCW D29 DT BL	4.0 0	0.0 0	
KVCW D29 DD LIC	4.0 0		0.0 0
KCET D28 DT CP	84.1 42,446	84.1 42,446	84.1 42,446
KESQ-TV D28 DT LIC	4.0 5	4.0 5	4.0 5
KVMM-CD D28 DC CP	68.0 50	68.0 50	68.0 50
KBFX-CD D29 DC LIC	258.6 100,690	234.7 93,693	234.7 93,693
KXLA D30 DT LIC	44.0 16,640	44.0 16,640	44.0 16,640
XHJK D28 DT LIC	4.0 797	0.0 0	0.0 0
XHTIT D29 DT LIC	555.1 213,937	527.1 206,143	527.1 206,143
LICITACION D30 DT LIC	4.0 797	0.0 0	0.0 0

Interference to BLANK0000035667 CP scenario 13

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	KFTR-DT	D29	DT	CP	ONTARIO, CA	BLANK0000035667	
Undesireds:	KVCW	D29	DT	BL	LAS VEGAS, NV	DTVBL10195	341.4 km
	KVCW	D29	DD	LIC	LAS VEGAS, NV	BLANK0000112811	341.4
	KCET	D28	DT	LIC	LOS ANGELES, CA	BLANK0000055363	0.5
	KESQ-TV	D28	DT	LIC	PALM SPRINGS, CA	BLANK0000078362	155.6
	KVMM-CD	D28	DC	CP	SANTA BARBARA, CA	BLANK0000127520	150.2
	KBFX-CD	D29	DC	LIC	BAKERSFIELD, CA	BLTTA20101018ACF	144.4

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KVCW - Las Vegas, Nevada
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KQMM-CD	D29	DC	CP	SANTA MARIA, CA	BLANK0000127506	208.3
KXLA	D30	DT	CP	RANCHO PALOS VERDES, CA	BLANK0000145233	0.0
XHJK	D28	DT	LIC	TIJUANA, BN	BLANKBPFS20091104ADT	214.1
XHTIT	D29	DT	LIC	TIJUANA, BN	BLANKBPFS20091109AAC	214.1
LICITACIOND30	DT	LIC		TIJUANA, BN	BLANKBPFSXXXX0004XXX	214.2

Service area	Terrain-limited	IX-free, before	IX-free, after	Percent New IX
46415.3 17,717,825	36563.5 16,609,674	35545.9 16,277,873	35545.9 16,277,873	0.00 0.00

Undesired	Total IX	Unique IX, before	Unique IX, after
KVCW D29 DT BL	4.0 0	0.0 0	0.0 0
KVCW D29 DD LIC	4.0 0	0.0 0	0.0 0
KCET D28 DT LIC	87.8 5,619	87.8 5,619	87.8 5,619
KESQ-TV D28 DT LIC	4.0 5	4.0 5	4.0 5
KVMM-CD D28 DC CP	68.0 50	64.0 50	64.0 50
KBFX-CD D29 DC LIC	258.6 100,690	234.7 93,693	234.7 93,693
KQMM-CD D29 DC CP	16.0 0	12.0 0	12.0 0
KXLA D30 DT CP	56.0 18,497	56.0 18,497	56.0 18,497
XHJK D28 DT LIC	4.0 797	0.0 0	0.0 0
XHTIT D29 DT LIC	555.1 213,937	527.1 206,143	527.1 206,143
LICITACION D30 DT LIC	4.0 797	0.0 0	0.0 0

Interference to BLANK0000035667 CP scenario 14

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	KFTR-DT	D29	DT	CP	ONTARIO, CA	BLANK0000035667	
Undesireds:	KVCW	D29	DT	BL	LAS VEGAS, NV	DTVBL10195	341.4 km
	KVCW	D29	DD	LIC	LAS VEGAS, NV	BLANK0000112811	341.4
	KCET	D28	DT	LIC	LOS ANGELES, CA	BLANK0000055363	0.5
	KESQ-TV	D28	DT	LIC	PALM SPRINGS, CA	BLANK0000078362	155.6
	KVMM-CD	D28	DC	CP	SANTA BARBARA, CA	BLANK0000127520	150.2
	KBFX-CD	D29	DC	LIC	BAKERSFIELD, CA	BLTTA20101018ACF	144.4
	KQMM-CD	D29	DC	CP	SANTA MARIA, CA	BLANK0000127506	208.3
	KXLA	D30	DT	LIC	RANCHO PALOS VERDES, CA	BLANK0000081656	0.0
	XHJK	D28	DT	LIC	TIJUANA, BN	BLANKBPFS20091104ADT	214.1
	XHTIT	D29	DT	LIC	TIJUANA, BN	BLANKBPFS20091109AAC	214.1
	LICITACIOND30	DT	LIC	TIJUANA, BN	BLANKBPFSXXXX0004XXX	214.2	

Service area	Terrain-limited	IX-free, before	IX-free, after	Percent New IX
46415.3 17,717,825	36563.5 16,609,674	35557.9 16,279,730	35557.9 16,279,730	0.00 0.00

Undesired	Total IX	Unique IX, before	Unique IX, after
KVCW D29 DT BL	4.0 0	0.0 0	0.0 0
KVCW D29 DD LIC	4.0 0	0.0 0	0.0 0
KCET D28 DT LIC	87.8 5,619	87.8 5,619	87.8 5,619
KESQ-TV D28 DT LIC	4.0 5	4.0 5	4.0 5
KVMM-CD D28 DC CP	68.0 50	64.0 50	64.0 50
KBFX-CD D29 DC LIC	258.6 100,690	234.7 93,693	234.7 93,693
KQMM-CD D29 DC CP	16.0 0	12.0 0	12.0 0
KXLA D30 DT LIC	44.0 16,640	44.0 16,640	44.0 16,640
XHJK D28 DT LIC	4.0 797	0.0 0	0.0 0
XHTIT D29 DT LIC	555.1 213,937	527.1 206,143	527.1 206,143
LICITACION D30 DT LIC	4.0 797	0.0 0	0.0 0

Interference to BLANK0000035667 CP scenario 15

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	KFTR-DT	D29	DT	CP	ONTARIO, CA	BLANK0000035667	
Undesireds:	KVCW	D29	DT	BL	LAS VEGAS, NV	DTVBL10195	341.4 km
	KVCW	D29	DD	LIC	LAS VEGAS, NV	BLANK0000112811	341.4
	KCET	D28	DT	LIC	LOS ANGELES, CA	BLANK0000055363	0.5
	KESQ-TV	D28	DT	LIC	PALM SPRINGS, CA	BLANK0000078362	155.6
	KVMM-CD	D28	DC	CP	SANTA BARBARA, CA	BLANK0000127520	150.2

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KBFX-CD	D29	DC	LIC	BAKERSFIELD, CA	BLTTA20101018ACF	144.4
KXLA	D30	DT	CP	RANCHO PALOS VERDES, CA	BLANK0000145233	0.0
XHJK	D28	DT	LIC	TIJUANA, BN	BLANKBPFS20091104ADT	214.1
XHTIT	D29	DT	LIC	TIJUANA, BN	BLANKBPFS20091109AAC	214.1
LICITACIOND30	DT	LIC	TIJUANA, BN	BLANKBPFSXXXX0004XXX	214.2	

Service area	Terrain-limited	IX-free, before	IX-free, after	Percent New IX
46415.3 17,717,825	36563.5 16,609,674	35557.9 16,277,873	35557.9 16,277,873	0.00 0.00
Undesired	Total IX	Unique IX, before	Unique IX, after	
KVCW D29 DT BL	4.0 0	0.0 0	0.0 0	
KVCW D29 DD LIC	4.0 0		0.0 0	
KCET D28 DT LIC	87.8 5,619	87.8 5,619	87.8 5,619	
KESQ-TV D28 DT LIC	4.0 5	4.0 5	4.0 5	
KVMM-CD D28 DC CP	68.0 50	68.0 50	68.0 50	
KBFX-CD D29 DC LIC	258.6 100,690	234.7 93,693	234.7 93,693	
KXLA D30 DT CP	56.0 18,497	56.0 18,497	56.0 18,497	
XHJK D28 DT LIC	4.0 797	0.0 0	0.0 0	
XHTIT D29 DT LIC	555.1 213,937	527.1 206,143	527.1 206,143	
LICITACION D30 DT LIC	4.0 797	0.0 0	0.0 0	

Interference to BLANK0000035667 CP scenario 16

Call	Chan	Svc	Status	City, State	File Number	Distance
Desired: KFTR-DT	D29	DT	CP	ONTARIO, CA	BLANK0000035667	
Undesireds: KVCW	D29	DT	BL	LAS VEGAS, NV	DTVBL10195	341.4 km
KVCW	D29	DD	LIC	LAS VEGAS, NV	BLANK0000112811	341.4
KCET	D28	DT	LIC	LOS ANGELES, CA	BLANK0000055363	0.5
KESQ-TV	D28	DT	LIC	PALM SPRINGS, CA	BLANK0000078362	155.6
KVMM-CD	D28	DC	CP	SANTA BARBARA, CA	BLANK0000127520	150.2
KBFX-CD	D29	DC	LIC	BAKERSFIELD, CA	BLTTA20101018ACF	144.4
KXLA	D30	DT	LIC	RANCHO PALOS VERDES, CA	BLANK0000081656	0.0
XHJK	D28	DT	LIC	TIJUANA, BN	BLANKBPFS20091104ADT	214.1
XHTIT	D29	DT	LIC	TIJUANA, BN	BLANKBPFS20091109AAC	214.1
LICITACIOND30	DT	LIC	TIJUANA, BN	BLANKBPFSXXXX0004XXX	214.2	

Service area	Terrain-limited	IX-free, before	IX-free, after	Percent New IX
46415.3 17,717,825	36563.5 16,609,674	35569.9 16,279,730	35569.9 16,279,730	0.00 0.00
Undesired	Total IX	Unique IX, before	Unique IX, after	
KVCW D29 DT BL	4.0 0	0.0 0	0.0 0	
KVCW D29 DD LIC	4.0 0		0.0 0	
KCET D28 DT LIC	87.8 5,619	87.8 5,619	87.8 5,619	
KESQ-TV D28 DT LIC	4.0 5	4.0 5	4.0 5	
KVMM-CD D28 DC CP	68.0 50	68.0 50	68.0 50	
KBFX-CD D29 DC LIC	258.6 100,690	234.7 93,693	234.7 93,693	
KXLA D30 DT LIC	44.0 16,640	44.0 16,640	44.0 16,640	
XHJK D28 DT LIC	4.0 797	0.0 0	0.0 0	
XHTIT D29 DT LIC	555.1 213,937	527.1 206,143	527.1 206,143	
LICITACION D30 DT LIC	4.0 797	0.0 0	0.0 0	

Interference to proposal scenario 1

Call	Chan	Svc	Status	City, State	File Number	Distance
Desired: KVCW	D29	DD	LIC	LAS VEGAS, NV	BLANK0000112811	
Undesireds: KFTR-DT	D29	DT	LIC	ONTARIO, CA	BLCDT20100401AFY	341.4 km

Service area	Terrain-limited	IX-free	Percent IX
31425.8 1,967,550	19476.1 1,918,809	19476.1 1,918,809	0.00 0.00